DEPARTMENT OF THE AIR FORCE
AIR FORCE CIVIL ENGINEER CENTER

May 29, 2026

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SUBJECT: Final 2025 Annual Monitoring Report for Petroleum Spill Site SS067 (Building 789), NYSDEC Spill No. 9810713, Former Griffiss Air Force Base, Rome, New York. May 2026.

Accompanying this letter, please find the following document for the former Griffiss Air Force Base for your information and records.

- Final 2025 Annual Monitoring Report for Petroleum Spill Site SS067 (Building 789), NYSDEC Spill No. 9810713, Former Griffiss Air Force Base, Rome, New York. May 2026

Should you have any questions or concerns please contact me at 518-563-2871 or david.farnsworth@us.af.mil.

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Attachment: Final 2025 Annual Monitoring Report for Petroleum Spill Site SS067 (Building 789), NYSDEC Spill No. 9810713, Former Griffiss Air Force Base, Rome, New York. May 2026).

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Final
2025 Annual Monitoring Report for Petroleum Site SS067 (Building 789), NYSDEC Spill No. 9810713 Former Griffiss Air Force Base Rome, New York

May 2026

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ACRONYMS AND ABBREVIATIONS

AECOM	AECOM Technical Services, Inc.
AFB	Air Force Base
AFRPA	Air Force Real Property Agency
AOC	area of concern
AWQ S/GV	Ambient Water Quality Standards and Guidance Values
Bhate	Bhate Environmental Associates, Inc.
CAPE	CAPE Environmental
CSM	conceptual site model
DGI	Data Gap Investigation
DO	dissolved oxygen
FPM	FPM Remediations, Inc.
GEEIA	Ground Electronics Engineering Installations Agency
HRSC	high-resolution site characterization
LCP	lateral control pit
µg/L	microgram per liter
mg/L	milligram per liter
mV	millivolt
No.	number
NYSDEC	New York State Department of Environmental Conservation
ORP	oxidation reduction potential
PFAS	per- and polyfluoroalkyl substances
pH	potential of hydrogen
POL	petroleum, oil, and lubricants
SU	standard unit
SVOC	semi-volatile organic compound
TOGS	Technical and Operational Guidance Series
TPH	total petroleum hydrocarbons
UST	underground storage tank
VOC	volatile organic compound

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1 INTRODUCTION

Environmental Chemical Corporation and team member Bhate Environmental Associates, Inc. (Bhate) have been retained by the Air Force Civil Engineer Center, under Contract Number [No.] FA8903-20-D-0001, to conduct environmental remediation activities at the former Griffiss Air Force Base (AFB) located in Rome, New York (**Figure 1**). This Annual Monitoring Report has been prepared to document the 2025 quarterly groundwater sampling/monitoring activities conducted at Petroleum Spill Site SS067 Building 789 (New York State Department of Environmental Conservation [NYSDEC] Spill No. 9810713) at former Griffiss AFB (**Figure 2**).

1.1 Griffiss AFB Operational History

The mission of the former Griffiss AFB varied over the years. The following information was taken from the *Final 2005 Basewide 5-Year Review* (FPM Remediations, Inc. [FPM], June 2005) and the *Preliminary Draft Historic Building Inventory and Evaluation* (Woodward-Clyde, February 1998). The base was activated on February 1, 1942, as Rome Air Depot, with the mission of storage, maintenance, and shipment of material for the United States Army Air Corps. After creation of the Air Force in 1947, Rome Air Depot was renamed Griffiss AFB on September 20, 1948 (Woodward-Clyde, February 1998). The base became an electronics center in 1950, with the transfer of Watson Laboratory Complex (later Rome Air Development Center [1951], Air Force Research Laboratory/Rome Research Site), and then the Information Directorate at Rome Research Site was established with the mission of applied research, development, and testing of electronic air-ground systems. The headquarters of the Ground Electronics Engineering Installations Agency (GEEIA) was established in June 1958 to engineer and install ground communication equipment throughout the world.

In August 1958, shortly after GEEIA took over as host unit at Griffiss AFB, the 4039th Strategic Wing was assigned as a tenant. The 4039th was equipped with aircraft including the B-52G "Stratofortress" and KC-135A "Stratotanker." Base facilities had to be modified or constructed to accommodate the Strategic Wing mission. This included the construction of new runways, taxiways, runway aprons, dormitories, storage facilities, hangars, and various other support buildings (Woodward-Clyde, February 1998). Construction of the aprons and support facilities at the southeastern end of the flight line required Six Mile Creek to be diverted into an underground culvert, and the old channel was filled in (Air Force Real Property Agency [AFRPA], April 2009) **(Figure 2)**. In January 1960, the first of 15 B-52G bombers, named "Mohawk Valley," arrived at the base. In January 1961, the base also received the first of many Hound Dog Missiles (GAM 77). In 1963, the 4039th was inactivated and replaced with the 416th Bombardment Wing. The 416th Bombardment Wing assumed host responsibilities at Griffiss AFB in 1970, after the Headquarters of GEEIA was inactivated. In May 1979, the 416th Bombardment Wing was the first wing to receive the air-launched cruise missiles. Griffiss AFB began receiving the air-launched cruise missiles in January 1981; they were primarily used for environmental testing and maintenance training (Woodward-Clyde, February 1998).

The 49th Fighter Interceptor Squadron served at Griffiss AFB from 1959 until its inactivation in 1987. Griffiss AFB was designated for realignment under the Base Realignment and Closure Act in 1993 and 1995, resulting in deactivation of the 416th Bombardment Wing in September 1995.

As a result of the various national defense missions carried out at the former Griffiss AFB since 1942, hazardous and toxic substances were used, and hazardous wastes were generated, stored, or disposed of at various sites on the installation. The defense missions involved were, among others: the procurement, storage, maintenance, and shipment of war material; research and development; and aircraft operations and maintenance (FPM, June 2005).

1.2 Regulatory Background

Petroleum Spill Site SS067 falls under the Spills Program managed by the NYSDEC. Under this program, spill close-out decisions can be considered even when a cleanup has not achieved the established cleanup level and there are indications that the chosen remedial strategy will not achieve the established cleanup level even if the operation is continued for a long period of time. The goal of the NYSDEC Spills Program is to return a site to pre-spill conditions and ensure adequate protection of human health and the environment. A spill is considered "closed" by the NYSDEC when records and data submitted for review demonstrate that the necessary cleanup and removal actions have been completed and no further remedial activities are required. The Spills Program uses professional judgment and enforcement discretion to allow cleanup to a lesser degree if pre-spill conditions are not achievable (NYSDEC, April 2019).

1.3 Purpose

This Annual Monitoring Report documents the 2025 free product gauging and groundwater/surface water sampling results at former Griffiss AFB Petroleum Spill Site SS067. Site-specific activities and results presented include an overview of site conditions, monitoring results, conclusions, and recommendations for future remedial actions and monitoring.

1.4 Procedures and Report Organization

Monitoring and sampling activities were conducted in accordance with the 2022 *Final Basewide Uniform Federal Policy – Quality Assurance Project Plan, Long Term Monitoring* (Bhate, April 2022); any sampling plan modifications made following regulatory approval of the annual reporting recommendations; and *the Final Uniform Federal Policy-Quality Assurance Project Plan Corrective Action Plan for Investigation of Petroleum Spill Sites: CSS681 Apron 1 (NYSDEC Spill #1501553), CSS682 Building 785 Pipeline (NYSDEC Spill #1408594), and SS067 Building 789 (NYSDEC Spill #9810713)* (Bhate, August 2017).

For evaluation purposes, where established, all analytical data was screened against the NYSDEC, Division of Water *Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values[NYSDEC AWQ S/GV]* (NYSDEC, June

1998), and *Addendum to June 1998 Division of Water and Technical and Operational Guidance Series (TOGS) No. 1.1.1* (NYSDEC, April 2000) .

Laboratory analyses were performed by SGS North America Inc., Orlando, Florida and included volatile organic compounds (VOCs) by United States Environmental Protection Agency Method 8260D. All data validation was performed by Environmental Synectics, Inc. Analytical summary results from the 2025 sampling event are provided in **Table 1** and **Table 2**.

A description of data qualifiers used during data validation is provided below.

- U – The analyte was analyzed for but not detected and reported to limit of detection.
- J – The analyte was positively identified; the result was detected above the method detection limit, but the concentration was below the reporting limit as an estimated value.
- J- – the analyte has an estimated value with a negative bias.
- UJ – The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria

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2 SS067 (BUILDING 789) NYSDEC SPILL NO. 9810713

2.1 Site Description and History

The information presented in this section is taken from the *Final Optimization Plan Petroleum Spill Sites Remediation, Former Griffiss Air Force Base Site, Rome, New York* (AECOM Technical Services, Inc. [AECOM], November 2011), the *Preliminary Draft Historic Building Inventory and Evaluation, Griffiss Air Force Base, Rome, New York* (Woodward-Clyde, February 1998), and the *Final Record of Decision for the On-base Groundwater AOC* [area of concern] *(SD-52) at the Former Griffiss Air Force Base, Rome, New York* (AFRPA, April 2009). Site SS067 (Building 789) is in the southeastern portion of the former Griffiss AFB (**Figure 1**). In August 1958, the 4039th Strategic Wing was assigned as a tenant. Base facilities had to be modified or constructed to accommodate the Strategic Wing mission.

According to the Final Record of Decision for the On-Base Groundwater AOC, prior to construction of the Strategic Wing facilities at the southeastern end of the flightline, Six Mile Creek flowed through the site in an open channel in the area of the Apron 2/Building 789 area, but during construction, it was diverted into an underground culvert and the old channel was filled in (AFRPA, April 2009) as shown on **Figure 2**. Based on the historic building inventory, Building 789 was one of the support buildings constructed to support the Strategic Wing mission. In January 1961, the base received the first air-to-surface nuclear attack "Hound Dog Missiles," which were carried by B-52H and B-52G bombers. The Hound Dog Missile Complex at Griffiss AFB was situated at the southeastern end of the flightline and included Building 789, the Missile Assembly Shop; Buildings 790 and 791, the Missile Run-Up Shops; and Building 5910, the Power Check Pad. These missiles were removed from service at the base in 1973 (Woodward-Clyde, February 1998).

An 8,000-gallon underground storage tank (UST) (UST 789-1) was located on the northeast side of Building 789 from 1961 until its removal in 1991 and was used to store fuel oil for boiler heating. Coinciding with the removal of UST 789-1 was the installation of UST 789-2, approximately 25 feet to the east of UST 789-1. UST 789-2 had a capacity of 5,000 gallons and was also used to store No. 1 fuel oil for boiler heating until its removal by PEER Consultants Professional Corporation in November 1998. Continuous soil screening was conducted during the excavation of UST 789-2. Observed contamination at depth was determined to be associated with the fuel pipeline system, and NYSDEC Spill No. 9810713 was assigned to the site in November 1998 (AECOM, November 2011). The site features, including monitoring wells, are shown on **Figure 2.**

As shown on **Figure 3**, located along the northwestern side of Building 789 is a section of the former Type II Jet Fuel pipeline that once distributed Jet Propulsion Fuel No. 4 to the southern section of Apron 2. As further described in Section 2 of this report, former Site SS054 includes the Pumphouse No. 1 site (former Building 781). Fuel was distributed from Pumphouse No. 1 to pipeline system petroleum, oil, and lubricants (POL) 781-2, located between Building 789 and

Apron 2. POL 781-2 consisted of four lateral control pits (LCPs) adjacent to the northeast side of Apron 2 and a refueling hydrant outlet connected to each pit, formerly located in the Apron 2 pavement. The LCPs were connected by 10-inch diameter fueling and 8-inch diameter defueling pipelines. The individual refueling hydrant outlets were connected to the hydrant LCPs by 6-inch diameter lateral fueling pipelines. POL 781-2 pipelines were reportedly flushed, capped with hydraulic cement, and abandoned in place in 1996 (AECOM, November 2011).

2.2 Previous Investigations and Remedial Actions

The following section outlines the significant remedial and investigation activities at SS067 and is taken from the Final Letter Work Plan, Site SS067 Free Product Assessment and Data Gap Investigation (Bhate, May 2022), based on the Final 2020 Annual Monitoring Report for Petroleum Spill Sites, Former Griffiss Air Force Base, Rome, New York (Bhate, February 2022).

In 2001, 52,000 cubic yards of contaminated soils (with approximately 13,000 gallons of entrained free product), 25,462 gallons of free product, and 525,000 gallons of contaminated water were removed from the site. Fuel seeps were observed at multiple locations entering the excavation pit. Oil Spill Eater enzymes and Oxygen Release Compound® were applied to the excavation prior to it being backfilled (AECOM, November 2011). Building 789 was also demolished during this time (CAPE Environmental [CAPE], May 2002). The extent of excavation completed during the 2001 remedial actions is shown on **Figure 2** and is included on subsequent figures with legend callouts. From 2003 to 2010, vacuum enhanced recovery was performed (FPM, December 2008, November 2009, March 2010, August 2010, and July 2011). From 2006 to 2010, a vacuum enhanced skimming system was operational at eight recovery wells and one monitoring well, recovering approximately 6,317 gallons of free product. By the fall of 2010, light non-aqueous phase liquid recovery rates had declined to approximately 1.5 gallons per day (FPM, July 2011). From 2006 to 2019, a horizontal biosparging system was operated to prevent the downgradient migration of the free product and dissolved phase petroleum plumes. The horizontal biosparging system and free product skimming system lines and wells are shown on **Figure 2**. From 2011 to 2018, the free product recovery system was in operation. Free product recovery rates were limited to less than 1 gallon per day even following a 2017 skimmer refurbishment. Significant free product thicknesses continued to be observed in several site wells (Bhate, August 2018). A summary from the 2018 Optimization Work Plan for the 2018 investigation of data gaps and investigation activities is provided in **Appendix A-1**.

In 2018, a Data Gap Investigation (DGI) was completed which involved: 28 soil borings, photoionization detector screening, sheen testing, free product mobility analysis, setting and sampling of 12 temporary grab wells, installation of three fully-screened permanent monitoring wells, and “fingerprint” analysis of two free product samples (Bhate, October 2019). No source(s) of free product were identified. A figure depicting locations and results from the 2018 investigation is included in **Appendix A-2**. In March 2019, to evaluate the distribution of the remaining free product present in the subsurface, seven wells were rehabilitated using a surfactant (Ivey-sol® 103), surging, and purging (Bhate, September 2020). Free product thickness measurements from March 2019 to December 2024 are included in **Appendix B-1**. In October

2019, the remaining skimmers were removed and monthly free product thickness gauging and free product bailing commenced. In September 2020, an inverted funnel device was installed at 789RW-219 to evaluate the possibility that free product was migrating along preferential pathways below the water table. Data indicated that free product was entering the well from a preferential pathway located below the water table (Bhate, February 2022). Following the 2018 DGI and the subsequent shutdown of the air sparge and free product recovery systems, continued accumulation of free product during the monthly gauging and bailing events was observed. It was determined that further investigation was needed to identify the origin(s) of the free product and the associated migration pathways.

From June through October 2022, field activities in support of a free product assessment and data gap investigation, as outlined in the *Final SS067 (Building 789), NYSDEC Spill No. 9810713, Free Product Assessment and Data Gap Investigation Report* (Bhate, May 2025), were performed to delineate the source and migration pathways of observed free product accumulations and to update the current conceptual site model (CSM). Field activities included a high-resolution site characterization (HRSC); utilization of the HRSC results to select locations and target depths for soil boring advancement and soil sampling to assess the soil profile for the presence of free product and laboratory analysis for VOCs, semi-volatile organic compounds (SVOCs), total petroleum hydrocarbons (TPH), and per- and polyfluoroalkyl substances (PFAS); the completion of the soil borings as temporary monitoring wells for groundwater sampling and analysis of VOCs, SVOCs, TPH, and PFAS with subsequent abandonment; and the installation and sampling of five permanent monitoring wells for VOCs, SVOCs, TPH, and PFAS.

The HRSC investigation bounded the free product areas except to the west which is limited by Apron 2. The collected data has been compiled and presented in *Final SS067 (Building 789), NYSDEC Spill No. 9810713, Free Product Assessment and Data Gap Investigation Report* (Bhate, May 2025). Results identified the greatest free product response and thicknesses near monitoring wells 789MW-96, 789MW-219, and 789MW-252, and near the west side of the investigation near the apron. Free product was observed to be distributed at a depth of approximately 15 feet to 23 feet below ground surface and between two high permeability zones (**Appendix A-3**).

During 2023 Quarter 1, as continuation of the 2022 DGI, free product was gauged and bailed in February and March at 789MW-96, 789MW-102, 789RW-200, 789RW-202, 789RW-205, 789RW-211, 789RW-219, 789RW-220, 789RW-221, and 789MW-252. Wells 789RW-211, 789RW-220, and 789RW-221 were checked for free product during the first quarter of 2023; however, very little or no measurable product was observed during those events (**Appendix B-1**). Based on these observations and the site's historical gauging trends, these wells were not prioritized for continued product gauging during subsequent quarters, including 2024. During 2023 Quarters 2 through Quarter 4, gauging only without free product bailing was performed in conjunction with quarterly sampling activities at the same locations as Quarter 1 with additional gauging only at 789MW-253 and 789MW-254. A supplemental gauging and bailing event was conducted in 2023 Quarter 3 (November 2023). The maximum free product thickness measured was 4.32 feet at 789MW-254 in September 2023; this location demonstrated the greatest free product thickness

during each event. In addition to 789RW-254, locations 789MW-102 (one event), 789RW-200 (four events) 789RW-202 (three events), and 789RW-219 (four events) contained greater than 1 foot of free product.

Following gauging in 2023 Quarter 1 and Quarter 4, the wells containing free product, with the exception of 789MW-254 in Quarter 4, were bailed to remove free product to the maximum extent practicable and then generally regauged for product thickness. The approximate volume recovered per event was 1.31 gallons (February 2023), 1.25 gallons (March 2023), and 12 gallons (November 2023) with approximately 14.5 gallons recovered during 2023. Based on the 2023 contract with the Air Force, wells were to only be gauged and not bailed to remove free product starting with the 2023 Quarter 2.

During 2024 Quarter 1 and Quarter 2, free product was gauged only in conjunction with quarterly sampling activities in March and June at 789MW-96, 789MW-102, 789RW-200, 789RW-202, 789RW-205, 789RW-219, 789MW-252, 789MW-253, 789MW-254. During 2024 Quarter 3 and Quarter 4, gauging and bailing was performed in conjunction with quarterly sampling activities at the same locations as Quarter 1 and Quarter 2. The maximum free product thickness measured was 3.66 feet at 789MW-254 in October 2024. In addition to 789MW-254, locations 789MW-96 (three events), 789MW-102 (three events), 789RW-200 (three events), 789RW-202 (four events), 789RW-219 (three events), 789MW-252 (four events), and 789MW-253 (one event) contained greater than 1 foot of free product. Free product bailing and gauging measurements for 2024 are provided in **Appendix B-1** (Pages 12-13 of 13). The free product thickness trends are generally stable with the exception of 789RW-219 and 789MW-253 which showed increased thicknesses in the second half of 2024.

2.3 Remedial Optimization Efforts in 2025

During Quarter 1 and Quarter 2, free product was gauged only in conjunction with quarterly sampling activities in April and June at 789MW-96, 789MW-102, 789RW-200, 789RW-202, 789RW-205, 789RW-219, 789MW-252, 789MW-253 and 789MW-254. During 2025, Quarter 3 and Quarter 4, gauging was performed in conjunction with quarterly sampling activities at the same locations as Quarter 1 and Quarter 2. The maximum free product thickness measured was 2.38 feet at 789RW-219 in November 2025 (Quarter 4). In addition to 789RW-219 which also contained free product thicker than 1 foot in Quarters 2, 3, and 4, locations 789MW-96 (Quarter 1), 789RW-202 (Quarter 1), and 789MW-252 (Quarter 1), contained greater than 1 foot of free product. Free product gauging measurements for 2025 are provided in **Table 3** and measured product thicknesses in monitoring wells and recovery wells are shown on **Figure 4a** and **Figure 4b**, respectively. During 2025, an approximate total of 15.14 gallons of free product were recovered by manual bailing. The most recent event conducted in December 2025 recovered 2.42 gallons of free product. The volume of free product recovered by event since October 2019 is 257 gallons as listed in **Table 3** and shown on **Figure 5.**

3 QUARTERLY MONITORING RESULTS

3.1 Groundwater

The following subsections provide a summary of results for the quarterly groundwater monitoring events conducted in April, June, September, and December 2025 and are summarized in **Table 1**. The 2025 monitoring plan as executed is listed in **Table 4**. Groundwater elevations and field parameter measurements are provided in **Table 5**. Monitoring wells are discussed from the upgradient/head of plume to downgradient near Six Mile Creek in a general west to east orientation.

Acetone data has been tracked since the beginning of 2019 Quarter 1 based on the elevated concentrations (maximum 549 micrograms per liter [µg/L] in October 2022) consistently observed in upgradient monitoring wells 789MW-98, 789MW-99, and 789MW-251. Tabulated acetone data through 2025 Quarter 4 is included in **Appendix B-4.** As acetone is a non-petroleum VOC, further discussion is not included in this report. Groundwater sample collection logs and free product gauging and bailing field forms, are provided in **Appendix C**. Laboratory data validation reports are provided in **Appendix D** and laboratory analytical data packages are provided in **Appendix E**.

3.1.1 Quarterly Event No. 1 (April 2025)

3.1.1.1 Free Product/Depth to Water Measurements

Depth to free product/water was measured in 18 wells and calculated elevations were used to create a potentiometric surface map of the unconfined surficial aquifer. Measurable amounts of free product were recorded in nine wells and free product thicknesses are summarized in **Table 3**. Groundwater elevations, corrected for the presence of free product as applicable, are summarized in **Table 5**. Consistent with prior events, a groundwater depression is observed within the former excavation area with general flow to the east/southeast towards Six Mile Creek within the unconfined surficial aquifer (**Figure 6**).

3.1.1.2 Groundwater Results

Eight monitoring wells (789MW-83, 789MW-95, 789MW-99, 789MW-135, 789MW-251, 789MW-46R, 789MW-216, and 789MW-222) were sampled in April 2025. No exceedances were reported above NYSDEC AWQ S/GV. Field parameters are presented in **Table 5** and analytical detections are summarized in **Table 1** and shown on **Figure 7**.

3.1.1.3 Water Quality Parameters

Groundwater dissolved oxygen (DO) concentrations less than 0.5 milligrams per liter (mg/L) are indicative of anaerobic groundwater environments, while DO concentrations greater than 1.0

mg/L indicate aerobic conditions. Within the southwestern portion of the source area/excavation boundary, DO was not measured at 789MW-98 and 9.16 mg/L in 789MW-99, both within the excavation boundary and at the upgradient extent of dissolved contamination. Within and near the northeastern extent of the excavation at 789MW-251, DO was measured at 9.42 mg/L. Downgradient of the source area/excavation, DO was measured at 6.33 mg/L in 789MW-216, 8.01 mg/L in 789MW-83, and 4.76 mg/L in 789MW-222.

Groundwater oxidation reduction potential (ORP) is an indicator of its tendency to accept or transfer electrons. In oxidative regions of the aquifer, ORP will be positive; in reducing regions, ORP will be negative. Within the source area, ORP was not measured at 789MW-98, -28.6 millivolt (mV) in 789MW-99, and 125.8 mV in 789MW-251. Downgradient ORP was measured at 23.5 mV in 789MW-216, 21.4 mV in 789MW-83, and 92.1 mV in 789MW-222. The potential of hydrogen (pH) was in the near-neutral range, measured from 6.51 to 7.3 standard units (SU).

3.1.2 Quarterly Event No. 2 (June 2025)

3.1.2.1 Free Product/Depth to Water Measurements

Depth to free product/water was measured in 17 wells and calculated elevations were used to create a potentiometric surface map of the unconfined surficial aquifer. Measurable amounts of free product were recorded in seven wells. Measured free product thicknesses are summarized in **Table 3**. Groundwater elevations, corrected for the presence of free product as applicable, are summarized in **Table 5**. Consistent with prior events, a groundwater depression is observed within the former excavation area with general flow to the east/southeast towards Six Mile Creek within the unconfined surficial aquifer (**Figure 8**).

3.1.2.2 Groundwater Results

Eight monitoring wells (789MW-46R, 789MW-83, 789MW-95, 789MW-99, 789MW -135, 789MW-216, 789MW-251, and 789MW-222) were sampled in June 2025. Field parameters are presented in **Table 5** and analytical detections are summarized in **Table 1** with NYSDEC AWQ S/GV exceedances summarized below and shown on **Figure 9.**

Exceedances of criteria were observed in the following source area wells:

- Monitoring well 789MW-99 field duplicate: benzene (1.5 J microgram per liter [µg/L]) was detected above the NYSDEC AWQ S/GV.
- Monitoring well 789MW-251: acetone (84 µg/L) was detected above the NYSDEC AWQ S/GV

3.1.2.3 Water Quality Parameters

Within the source area, DO was not measured in 789MW-98 and 6.5 mg/L in 789MW-99. Within and near the northeastern extent of the excavation, DO was measured at 7.4 mg/L in 789MW-95

and at 7.4 mg/L in 789MW-251. Downgradient of the source/excavation area DO was measured at 4.3 mg/L in 789MW-46R, 6.5 mg/L in 789MW-216, 3 mg/L in 789MW-83, 5.8 mg/L in 789MW-222, and 7.2 mg/L in 789MW-135.

ORP within the source area was not measured at 789MW-98, -83.5 mV in 789MW-99, 118.5 mV in 789MW-95, and 72.3mV in 789MW-251. Downgradient ORP was measured at -3.1 mV in 789MW-46R, 134 mV in 789MW-216, 124.4 in 789MW-83, 130.5 mV in 789MW-222, and 137.1 mV in 789MW-135. The pH was in near neutral to slightly basic in range, measuring from 7.0 to 7.6 SU.

3.1.3 Quarterly Event No. 3 (September 2025)

3.1.3.1 Free Product/Depth to Water Measurements

Depth to free product/water was measured in 17wells and calculated elevations were used to create a potentiometric surface map of the unconfined surficial aquifer. Measurable amounts of free products were recorded in ten wells. No free product was bailed during this event. Measured free product thicknesses are summarized in **Table 3**. Groundwater elevations, corrected for the presence of free product as applicable, are summarized in **Table 5**. Consistent with prior events, a groundwater depression is observed within the former excavation area with general flow to the east/southeast towards Six Mile Creek within the unconfined surficial aquifer (**Figure 10**).

3.1.3.2 Groundwater Results

Eight monitoring wells (789MW-46R, 789MW-83, 789MW-95, 789MW-99, 789MW-135, 789MW-216, 789MW-222, and 789MW-251,) were sampled in September 2025. Field parameters are presented in **Table 5** and analytical detections are summarized in **Table 1** with NYSDEC AWQ S/GV exceedances summarized below and shown on **Figure 11**.

Exceedances of criteria were observed in the following source area wells:

- Monitoring well 789MW-95: benzene (1.9 µg/L).
- Monitoring well 789MW-99 benzene (1.7 µg/L) and duplicate benzene (1.9 µg/L) were detected above the NYSDEC AWQ S/GV.

3.1.3.3 Water Quality Parameters

Within the source area, DO was not measured at 789MW-98, 7.0 mg/L in 789MW-99, and at 5.9 mg/L in 789MW-251 at the northeastern extent of the excavation boundary. Downgradient of the source/excavation area DO was measured at 6.4 mg/L in 789MW-216, 6.9 mg/L in 789MW-83, and 6.5 mg/L at 789MW-222.

ORP within the source area was not measured at 789MW-98, -121.9 mV in 789MW-99, and 179.5 mV in 789MW-251. Downgradient ORP was measured at -101.8 mV in 789MW-216, -18.1 mV in

789MW-83, and 19.1 mV in 789MW-222. The pH was in the basic leaning range, measured from 6.9 to 7.7 SU.

3.1.4 Quarterly Event No. 4 (November 2025)

3.1.4.1 Free Product/Depth to Water Measurements

Depth to free product/water was measured in 18 wells and calculated elevations were used to create a potentiometric surface map of the unconfined surficial aquifer. Measurable amounts of free product were recorded in 10 wells. Measured free product thicknesses are summarized in **Table 3**. Groundwater elevations, corrected for the presence of free product as applicable, are summarized in **Table 5**. Consistent with prior events, a groundwater depression is observed within the former excavation area with general flow to the east/southeast towards Six Mile Creek within the unconfined surficial aquifer (**Figure 12**).

3.1.4.2 Groundwater Results

Eight monitoring wells (789MW-46R, 789MW-83, 789MW-95, 789MW-99, 789MW-135, 789MW-216, 789MW-222, and 789MW-251) were sampled in November 2025. Field parameters are presented in **Table 5** and analytical detections are summarized in **Table 1** and shown on **Figure 13**.

Exceedances of criteria were observed only in the following source area wells:

- Monitoring well 789MW-99: benzene (1.6 µg/L) and duplicate (2.1 J µg/L) was detected above the NYSDEC AWQ S/GV.
- Monitoring well 789MW-251: benzene (5 µg/L) were detected above the NYSDEC AWQ S/GV.

3.1.4.3 Water Quality Parameters

Within the source area, DO was measured at 9 mg/L in 789MW-99. Within and near the northeastern extent of the excavation, DO was measured at 6.5 mg/L in 789MW-95, 4.7 mg/L in 789MW-98 and at 7.7 mg/L in 789MW-251. Downgradient of the source area/excavation DO was measured at 6.4 mg/L in 789MW-46R, 5.4 mg/L in 789MW-216, 4.4 mg/L in 789MW-83, 6.8 mg/L in 789MW-222, and 8 mg/L in 789MW-135.

ORP within the source area was measured at -107.5 mV in 789MW-99, 50.2 mV in 789MW-95, -145.5 mV at 789MW-98, and -66.6 mV in 789MW-251. Downgradient ORP was measured at -72.1 mV in 789MW-46R, --88.8 mV in 789MW-216, -10.6 mV in 789MW-83, 28 mV in 789MW-222, and 219.3 mV in 789MW-135. The pH was in the near-neutral range, measured from 6.8 to 8 SU.

3.2 Surface Water

Based on elevated concentrations of petroleum VOCs historically observed and the continued presence of free product measured in downgradient monitoring wells into 2023 Quarter 4, the collection of surface water samples from Six Mile Creek were added to the quarterly sampling program beginning in 2024 Quarter 1. Field parameters are presented in **Table 5**. Analytical detections for each quarter are summarized in **Table 2** and **Figure 14**.

Initially in Quarter 1, surface water locations 789SW-02 (adjacent to 789MW-102), 789SW-03 (approximately 150 feet downstream of 789MW-102), and 789SW-04 (approximately 500 feet downstream of 789MW-102) were sampled.

3.2.1 Quarterly Event No. 1 (April 2025)

Three surface water locations (789SW-02, 789SW-03, and 789SW-04) were sampled in April 2025 (**Figure 7**). The surface water analytical data reported no detections above the NYSDEC AWQ S/GV standards.

3.2.2 Quarterly Event No. 2 (June 2025)

Surface water samples were not collected during this sampling event due to elevated water levels and flooding conditions in the creek resulting from excessive rainfall.

3.2.3 Quarterly Event No. 3 (September 2025)

Three surface water locations (789SW-02, 789SW-03, and 789SW-04) were sampled in September 2025 **(Figure 11)**. The surface water analytical data reported no detections above the NYSDEC AWQ S/GV standards.

3.2.4 Quarterly Event No. 4 (November 2025)

Three surface water locations (789SW-02, 789SW-03, and 789SW-04) were sampled in November 2025 **(Figure 13)**. The surface water analytical data reported no detections above the NYSDEC AWQ S/GV standards.

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4 CONCLUSIONS

A source of free product has not been defined to the west and the excavation by CAPE (May 2002) did not remove all sources. Free product continues to be present in several site wells, with thicknesses up to 2.38 feet observed and a total of approximately 15.14 gallons recovered during 2025. The HRSC investigation in 2022 bounded the free product areas except to the west which is limited by Apron 2. Free product is present in three areas: the main product accumulation area of the unconsolidated soils and fill of the shallow unconfined surficial aquifer representing the source area/excavation area; adjacent to Six Mile Creek as observed in 789MW-102; and adjacent to Apron 2 in 789MW-254.

During 2025, VOCs were detected above NYSDEC AWQ S/GV in upgradient monitoring wells 789MW-95, 789MW-99, and 789MW-251 which are within the footprint of the former excavation area. Dissolved phase contamination was not observed at concentrations above NYSDEC AWQ S/GV at any other monitoring well or surface water locations sampled in 2025.

A groundwater depression is observed within the former excavation area with general flow to the east/southeast towards Six Mile Creek within the unconfined surficial aquifer. The effect of the potentiometric surface (**Figures 6**, **8**, **10**, and **12**) in relation to groundwater flow suggests an undefined up-gradient source of the free product and dissolved phase contaminants of concern.

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5 RECOMMENDATIONS

Based on the 2022 Data Gap Investigation findings and 2025 groundwater/surface water sampling, quarterly sampling should continue as described in **Table 6** during 2026. Monthly free product gauging and bailing should be conducted from select wells based on the continued presence of free product observed in 789MW-254 located adjacent to Apron 2. The supplemental CSM will present an interpretation of subsurface conditions in support of further assessment of potential sources in the Apron 2 area.

Based on elevated concentrations of petroleum VOCs and free product detected in downgradient monitoring well 789MW-102 and the presence of benzene in surface water samples from Six Mile Creek during 2025, surface water sampling should continue quarterly in 2026. Additionally, damaged well 789MW-103, adjacent to Six Mile Creek approximately 220 feet downstream from 789MW-102, should be replaced to confirm free product and dissolved VOCs are not present.

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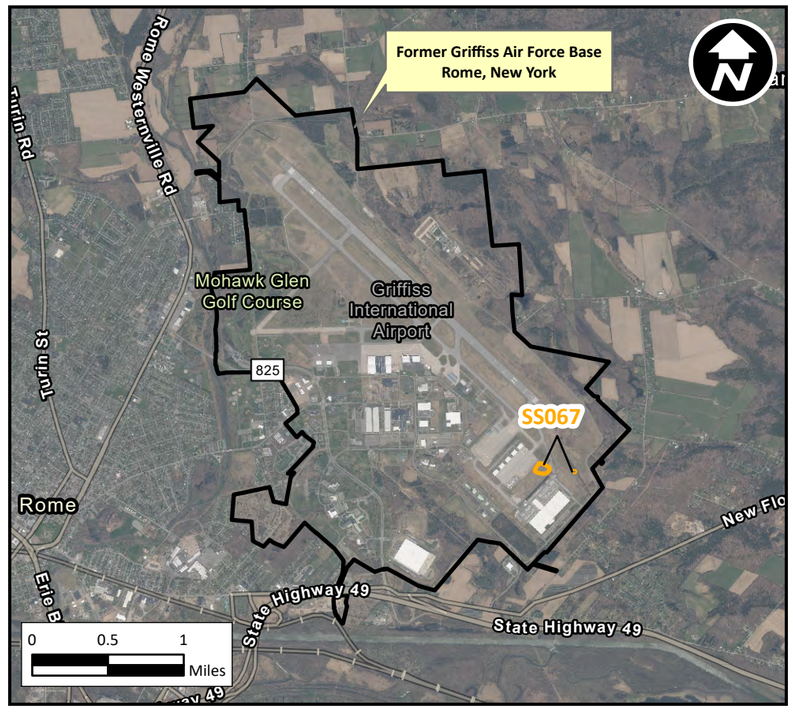
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FIGURES

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Site Location Map

Figure 1

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SS067 (Building 789) Site Layout Map

Figure 2

2025 Annual Monitoring Report For Petroleum Spill Sites
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0 75 150 Feet

789MW-64
789MW-63R
789MW-251
789MW-214
789RW-209
789MW-95
789RW-217
789MW-256
789RW-203
789MW-215
789RW-200
789MW-216
789MW-255
789RW-250
789RW-218
789MW-83
789MW-97
789RW-206
789RW-207
789MW-254
789RW-211
789RW-208
789RW-220
789RW-213
789RW-205
789RW-201
789MW-96
789RW-210
789MW-98
789RW-204
SS067
789MW-252
789RW-219
789RW-221
789RW-202
789RW-222
789MW-99
789RW-212
789MW-46R
789MW-253
789MW-223
789MW-100
AP2HW-1
789HW-1
Six Mile Creek
Perimeter Road
789MW-134
789MW-101
789SW-01
789MW-135
789MW-102
789SW-02
SS067
789MW-257
789SW-03
789MW-103
789SW-04
Distribution Center
8004
N0763
N0768
0793
0790
0788
0787
0791
0792
0794
0795
0796
0797

Note:
This information is depicted to provide visual aid within the context of this document and should not be used as a sole reference in precise dimensioning of features indicated.

Legend

- Monitoring Well Location
- Recovery Well Location
- Surface Water Sample Location
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Former Fuel Pipeline (Underground)
- Culvert / Stormwater Drain
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

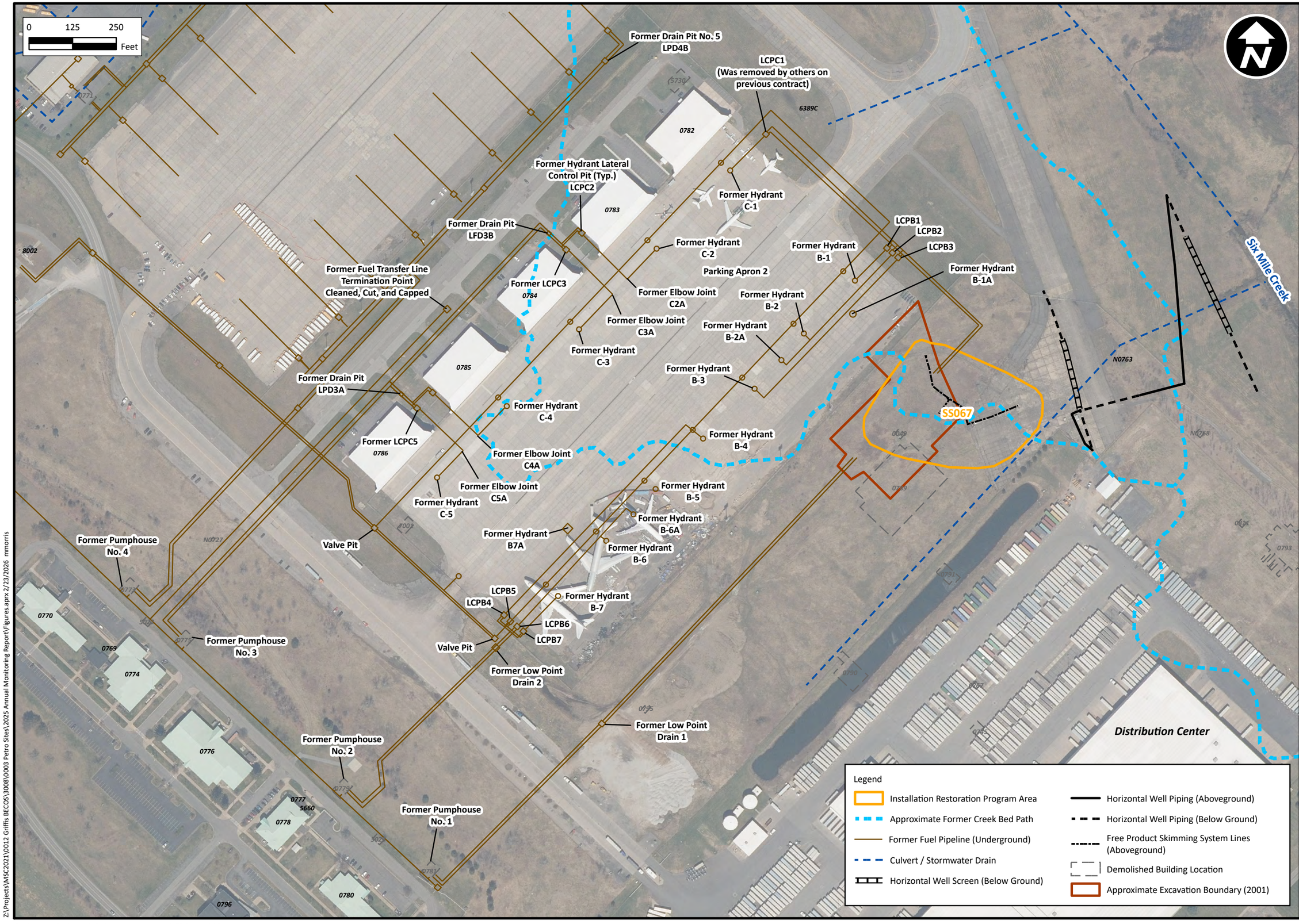
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Fuel Distribution System at Apron 2

Figure 3

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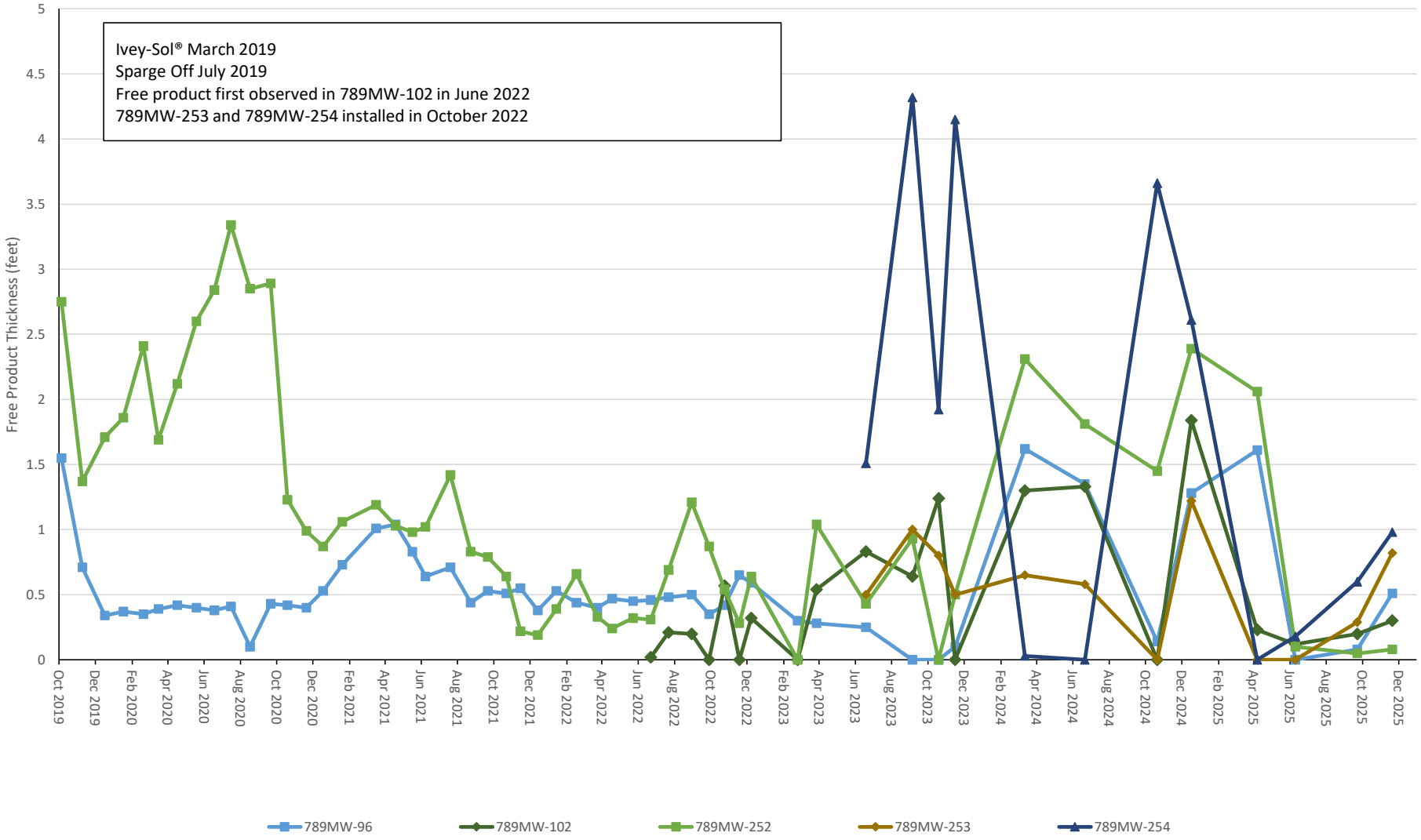
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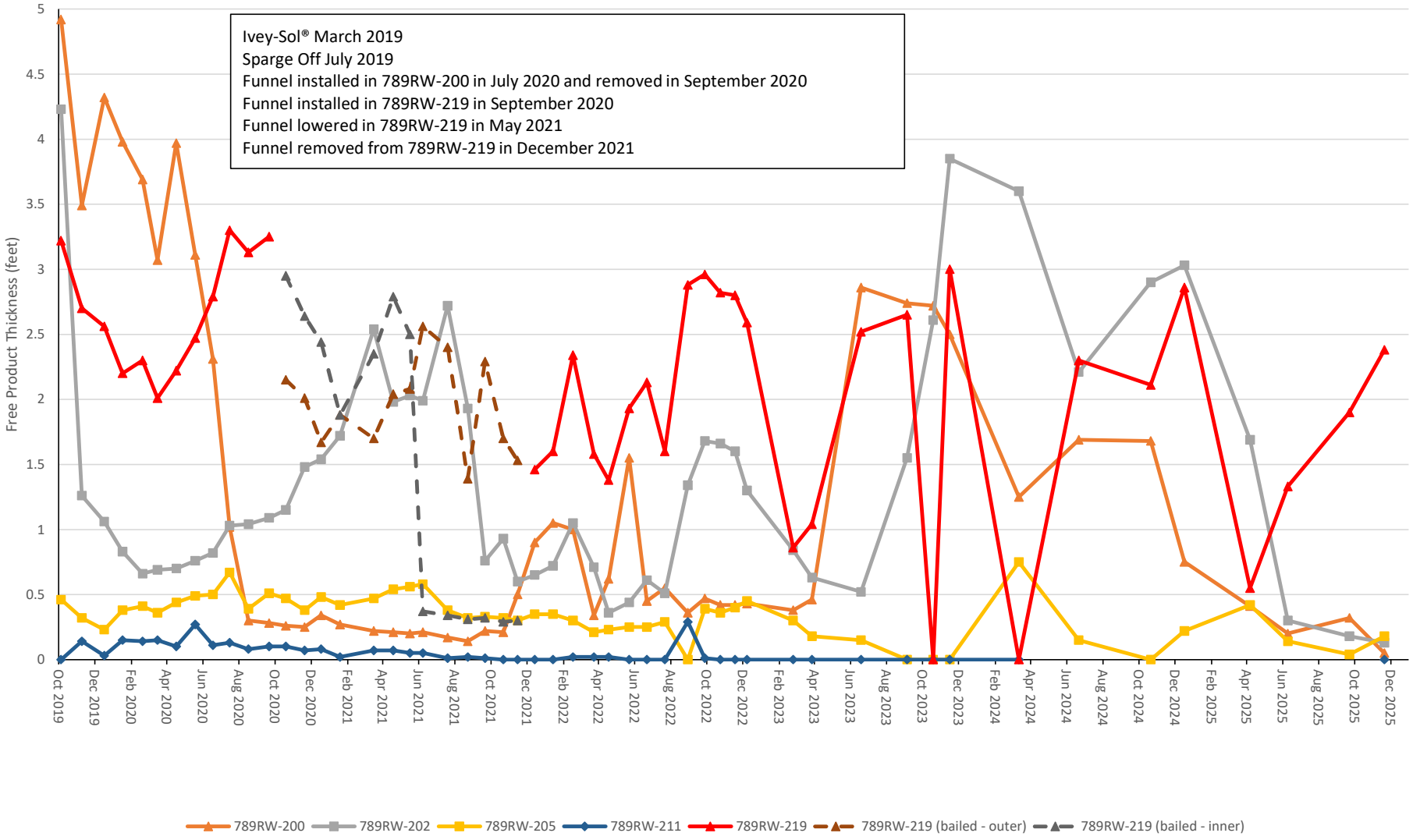
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Figure 4a SS067 (Building 789) Free Product Thicknesses in Monitoring Wells
Former Griffiss Air Force Base, Rome, New York



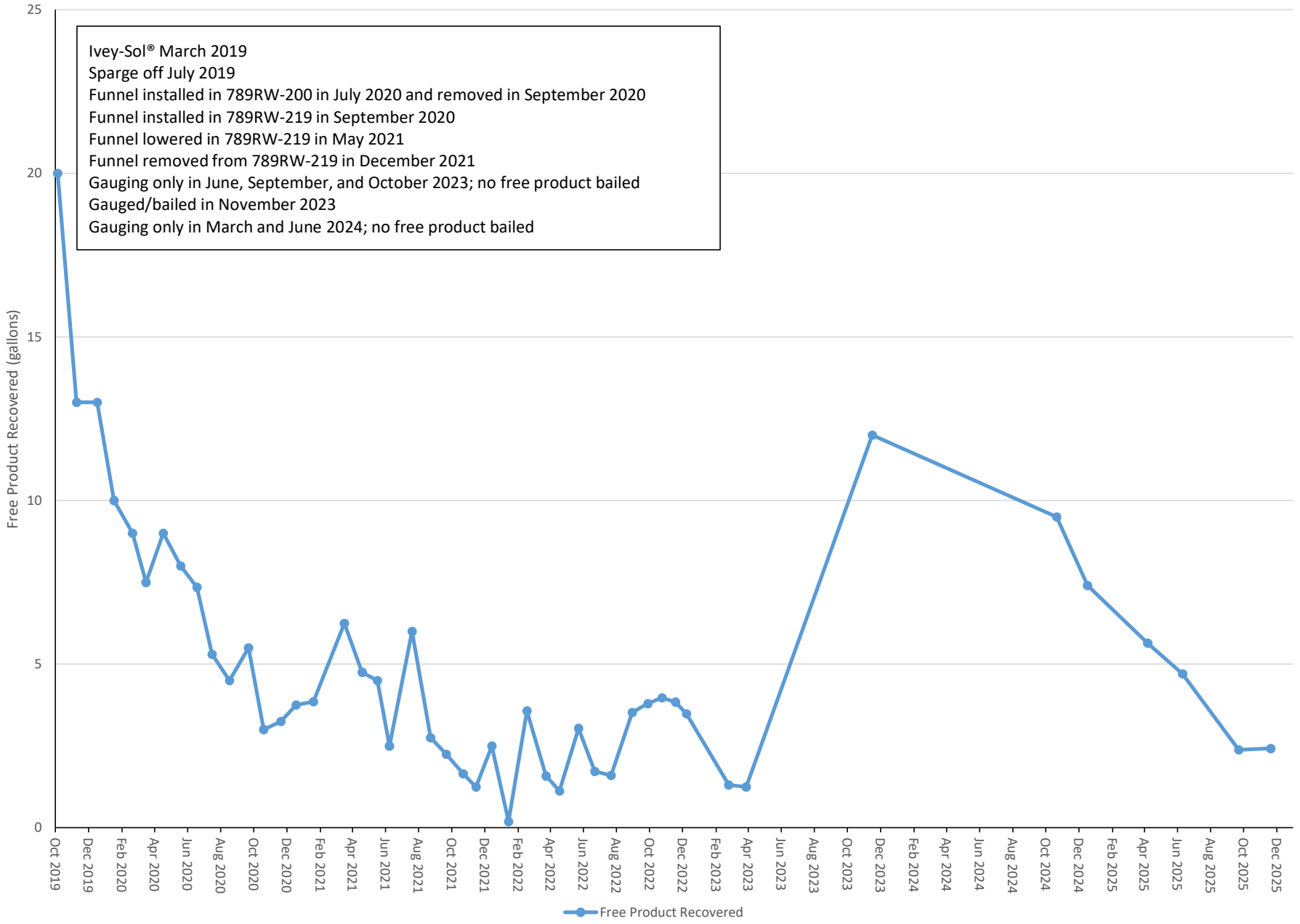
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Figure 4b SS067 (Building 789) Free Product Thicknesses in Recovery Wells
Former Griffiss Air Force Base, Rome, New York

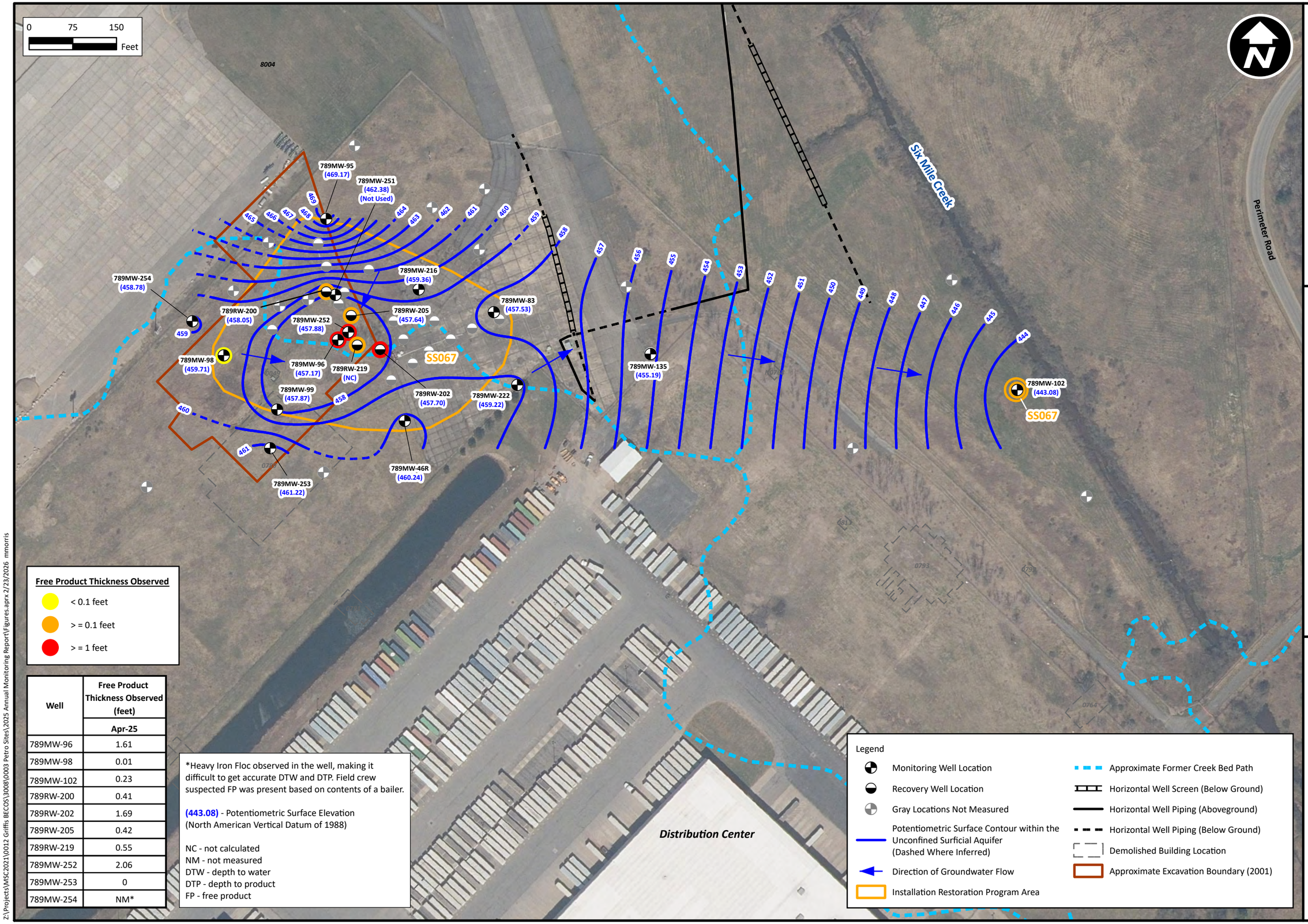


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Figure 5 SS067 (Building 789) Free Product Recovered
Former Griffiss Air Force Base, Rome, New York



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Well	Free Product Thickness Observed (feet)
	Apr-25
789MW-96	1.61
789MW-98	0.01
789MW-102	0.23
789RW-200	0.41
789RW-202	1.69
789RW-205	0.42
789RW-219	0.55
789MW-252	2.06
789MW-253	0
789MW-254	NM*

*Heavy Iron Floc observed in the well, making it difficult to get accurate DTW and DTP. Field crew suspected FP was present based on contents of a bailer.

(443.08) - Potentiometric Surface Elevation (North American Vertical Datum of 1988)

NC - not calculated
NM - not measured
DTW - depth to water
DTP - depth to product
FP - free product

SS067 (Building 789) Potentiometric Surface Map (April 2025)

Figure 6

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SS067 (Building 789) Groundwater and Surface Water Sample Detections (April 2025)

Figure 7

0 75 150 Feet

789MW-95
789MW-251
789MW-216
789MW-83
789MW-135
789MW-222
789MW-99
789MW-46R
SS067
789SW-01
789SW-02
789SW-03
789SW-04
Six Mile Creek
Perimeter Road
Distribution Center
8004
N0763
N0768
6048
0793
0764

789MW-99	
Analyte	Result (µg/L)
Benzene	0.9 J / 0.87 J
Cumene	0.59 J / 0.63 J
Ethylbenzene	2.5 / 2.5
n-Propylbenzene	0.98 J / 0.93 J
Naphthalene	2.3 J / 2.4 J
Toluene	0.45 J / 0.47 J

Analyte	NYSDEC AWQ S/GV (µg/L)
Benzene	1
Cumene	50
Ethylbenzene	5
n-Propylbenzene	5
Naphthalene	5
Toluene	5

µg/L - micrograms per liter
J - estimated value
normal sample / field duplicate

NYSDEC AWQ S/GV - New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998), Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Legend

- Monitoring Well Location Sampled
- Monitoring Well Location Not Sampled
- Recovery Well Location Not Sampled
- Surface Water Sample Location Sampled
- Surface Water Sample Location Not Sampled
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Culvert / Stormwater Drain
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

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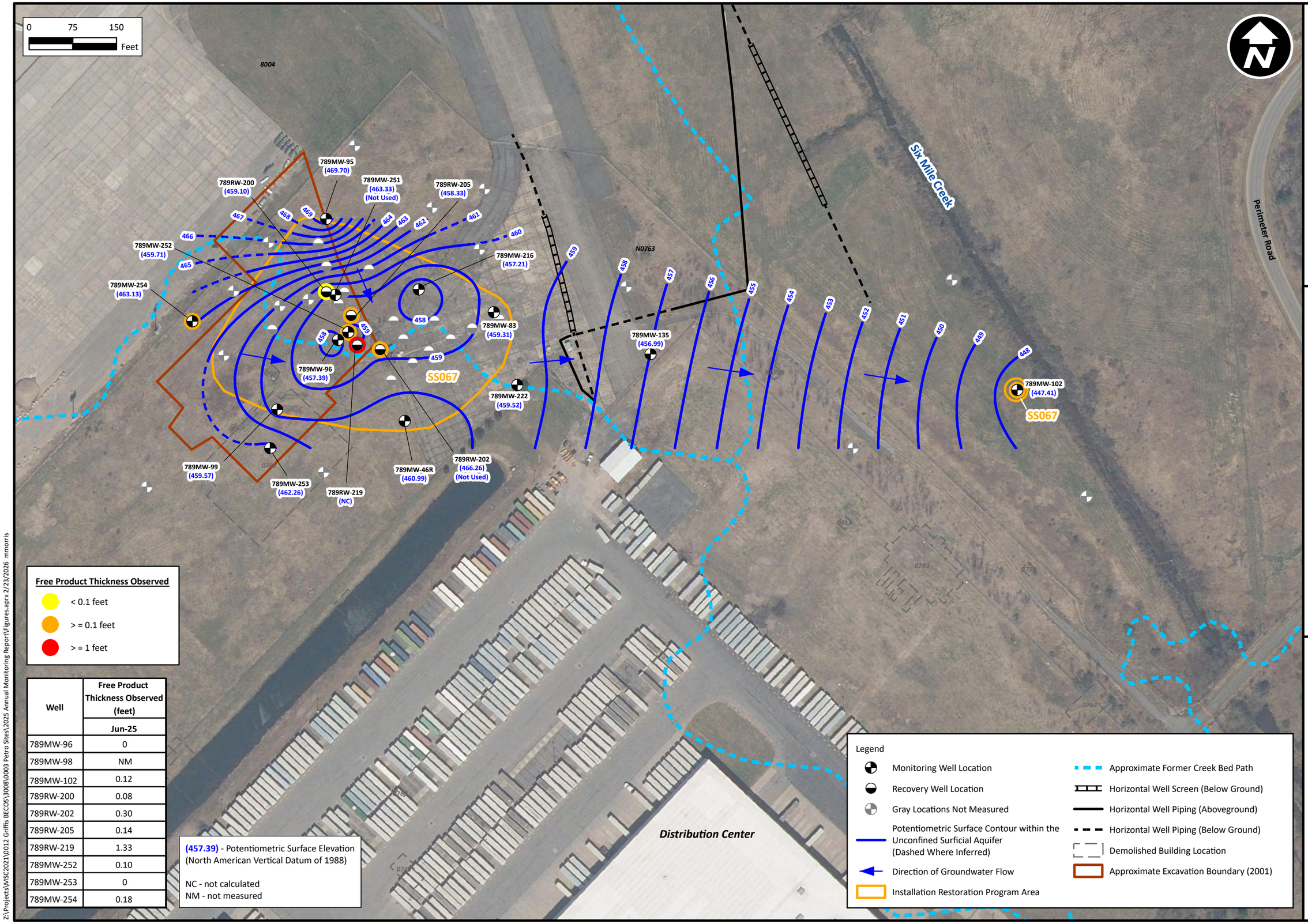
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SS067 (Building 789) Potentiometric Surface Map (June 2025)

Figure 8



Free Product Thickness Observed

- < 0.1 feet
- > = 0.1 feet
- > = 1 feet

Well	Free Product Thickness Observed (feet)
	Jun-25
789MW-96	0
789MW-98	NM
789MW-102	0.12
789RW-200	0.08
789RW-202	0.30
789RW-205	0.14
789RW-219	1.33
789MW-252	0.10
789MW-253	0
789MW-254	0.18

(457.39) - Potentiometric Surface Elevation (North American Vertical Datum of 1988)

NC - not calculated
NM - not measured

Legend

- Monitoring Well Location
- Recovery Well Location
- Gray Locations Not Measured
- Potentiometric Surface Contour within the Unconfined Surficial Aquifer (Dashed Where Inferred)
- Direction of Groundwater Flow
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

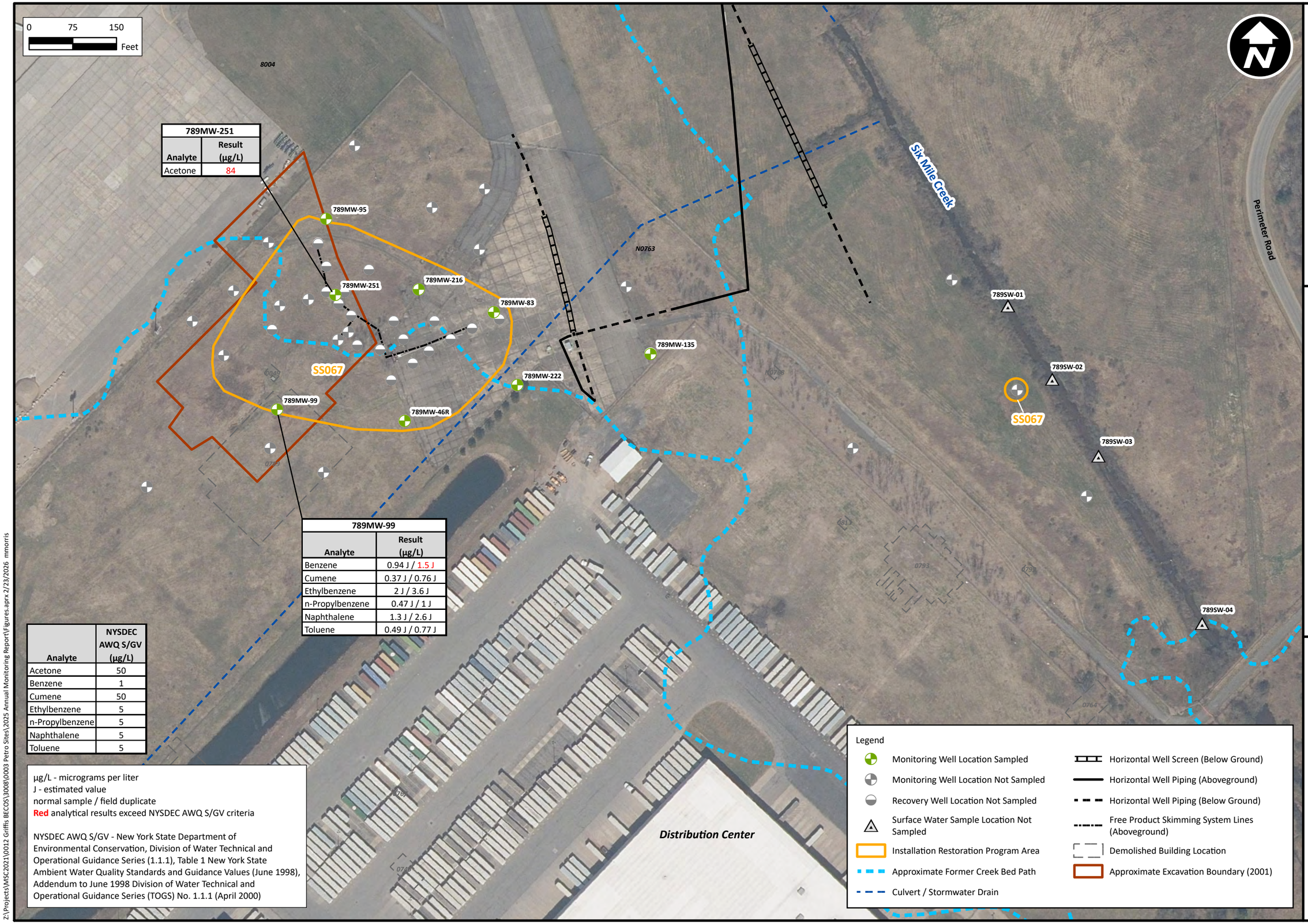
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789MW-251	
Analyte	Result (µg/L)
Acetone	84

789MW-99	
Analyte	Result (µg/L)
Benzene	0.94 J / 1.5 J
Cumene	0.37 J / 0.76 J
Ethylbenzene	2 J / 3.6 J
n-Propylbenzene	0.47 J / 1 J
Naphthalene	1.3 J / 2.6 J
Toluene	0.49 J / 0.77 J

Analyte	NYSDEC AWQ S/GV (µg/L)
Acetone	50
Benzene	1
Cumene	50
Ethylbenzene	5
n-Propylbenzene	5
Naphthalene	5
Toluene	5

µg/L - micrograms per liter
J - estimated value
normal sample / field duplicate
Red analytical results exceed NYSDEC AWQ S/GV criteria

NYSDEC AWQ S/GV - New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998), Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Legend

- Monitoring Well Location Sampled
- Monitoring Well Location Not Sampled
- Recovery Well Location Not Sampled
- Surface Water Sample Location Not Sampled
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Culvert / Stormwater Drain
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

SS067 (Building 789) Groundwater and Surface Water Sample Detections (June 2025)

Figure 9

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

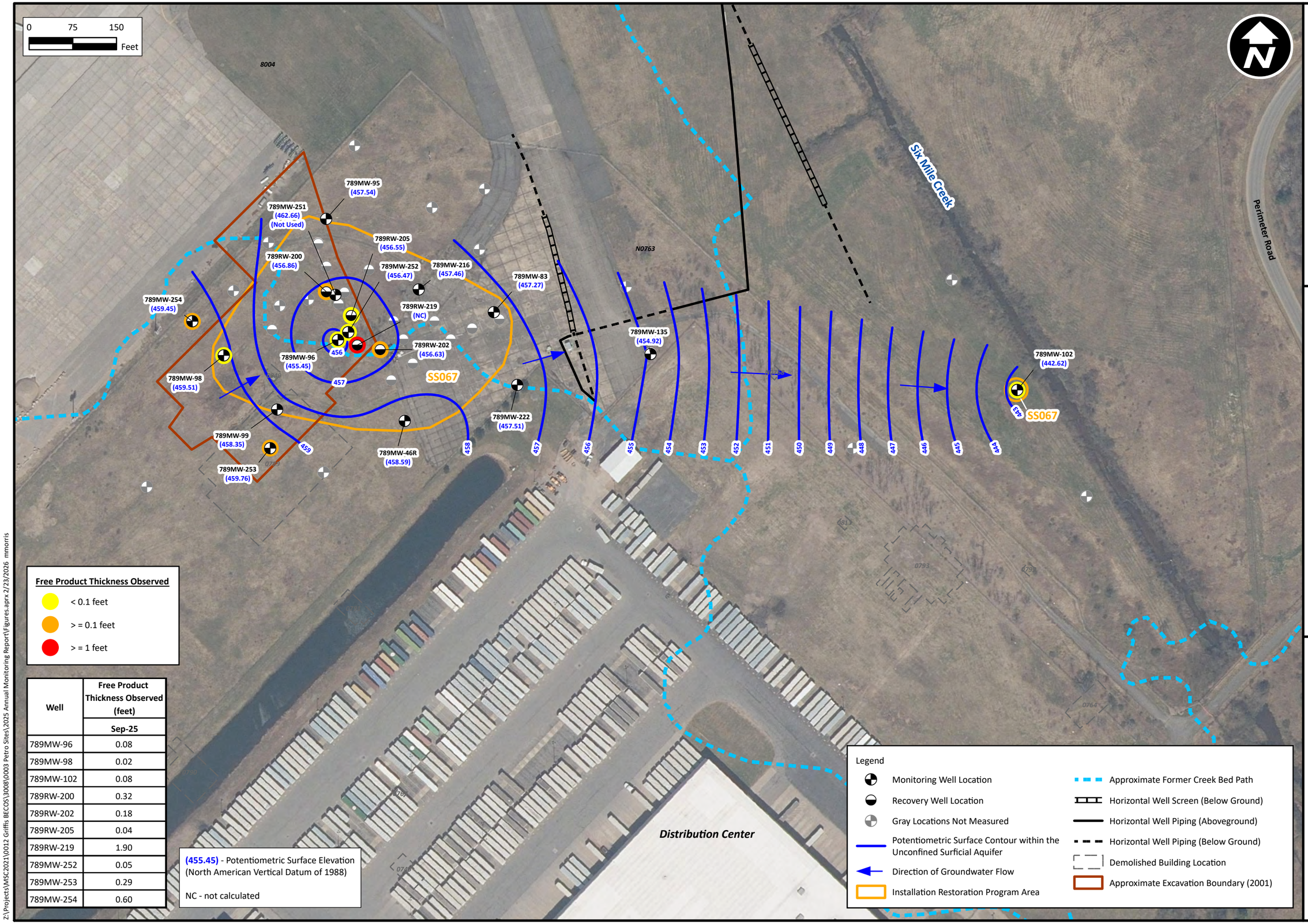
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Well	Free Product Thickness Observed (feet)
	Sep-25
789MW-96	0.08
789MW-98	0.02
789MW-102	0.08
789RW-200	0.32
789RW-202	0.18
789RW-205	0.04
789RW-219	1.90
789RW-252	0.05
789MW-253	0.29
789MW-254	0.60

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SS067 (Building 789) Potentiometric Surface Map (September 2025)

Figure 10

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

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SS067 (Building 789) Groundwater and Surface Water Sample Detections (September 2025)

Figure 11

0 75 150 Feet

789MW-95_0925	
Analyte	**Result (µg/L)**
Acetone	10.3 J
Benzene	1.9

789MW-222_0925	
Analyte	**Result (µg/L)**
Napthalene	2.2 J

789MW-99_0925	
Analyte	**Result (µg/L)**
Benzene	1.7 / 1.9
Cumene	0.66 J / 0.93 J
Ethylbenzene	1.5 J / 2.2 J
Napthalene	2.1 J / 2.9 J
n-Propylbenzene	1 J / 1.5 J
sec-Butylbenzene	0.53 J / 0.73 J
Toluene	0.72 J / 0.88 J

789SW-03_0925	
Analyte	**Result (µg/L)**
Benzene	0.7 J
MTBE	0.26 J

789SW-04_0925	
Analyte	**Result (µg/L)**
Benzene	0.47 J

Analyte	NYSDEC AWQ S/GV (µg/L)
Acetone	50
Benzene	1
Cumene	50
Ethylbenzene	5
Methyl tert-butyl ether (MTBE)	10
Naphthalene	10
n-Propylbenzene	5
sec-Butylbenzene	5
Toluene	5

µg/L - micrograms per liter
J - estimated value
normal sample / field duplicate
Red analytical results exceed NYSDEC AWQ S/GV criteria

NYSDEC AWQ S/GV - New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998), Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Legend

- Monitoring Well Location Sampled
- Monitoring Well Location Not Sampled
- Recovery Well Location Not Sampled
- Surface Water Sample Location Sampled
- Surface Water Sample Location Not Sampled
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Culvert / Stormwater Drain
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

789MW-95, 789MW-251, 789MW-216, 789MW-83, 789MW-135, 789MW-222, 789MW-99, 789MW-46R, 789SW-01, 789SW-02, 789SW-03, 789SW-04, SS067, Six Mile Creek, Perimeter Road, Distribution Center, 8004, N0763, N0768, 6048, 0793, 0681, 0764, 0749

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

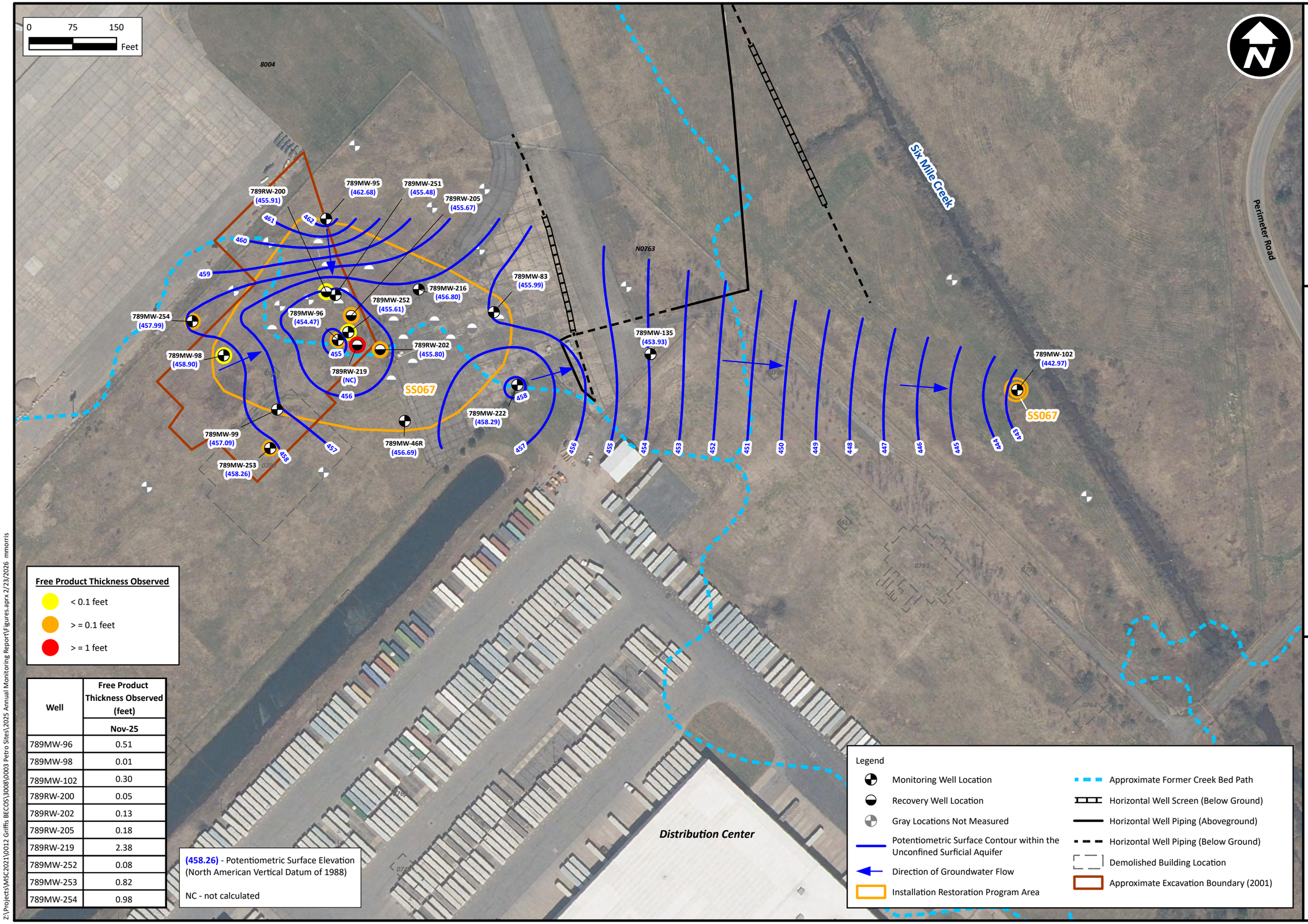
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Well	Free Product Thickness Observed (feet)
	Nov-25
789MW-96	0.51
789MW-98	0.01
789MW-102	0.30
789RW-200	0.05
789RW-202	0.13
789RW-205	0.18
789RW-219	2.38
789MW-252	0.08
789MW-253	0.82
789MW-254	0.98

SS067 (Building 789) Potentiometric Surface Map (November 2025)

Figure 12

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

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SS067 (Building 789) Groundwater and Surface Water Sample Detections (November 2025)

Figure 13

0 75 150 Feet

789MW-251_1125	
Analyte	**Result (µg/L)**
Benzene	5

789SW-02_1125	
Analyte	**Result (µg/L)**
Chloroform	0.34 J

789MW-99_1125	
Analyte	**Result (µg/L)**
Benzene	1.6 J / 2.1 J
Cumene	0.64 J / 0.91 J
Ethylbenzene	0.91 J / 1.4 J
Napthalene	2 J / 2.6 J
n-butylbenzene	0.5 UJ / 0.29 J
n-Propylbenzene	1 J / 1.5 J
sec-Butylbenzene	0.51 J / 0.77 J
Toluene	0.51 J / 0.68 J

789SW-03_1125	
Analyte	**Result (µg/L)**
Benzene	0.38 J
Chloroform	0.34 J

789SW-04_1125	
Analyte	**Result (µg/L)**
Benzene	0.56 J
Chloroform	0.31 J

Analyte	NYSDEC AWQ S/GV (µg/L)
Benzene	1
Chloroform	7
Cumene	5
Ethylbenzene	5
Naphthalene	10
n-butylbenzene	5
n-Propylbenzene	5
sec-Butylbenzene	5
Toluene	5

µg/L - micrograms per liter
J - estimated value
UJ - estimated nondetect
normal sample / field duplicate
Red analytical results exceed NYSDEC AWQ S/GV criteria

NYSDEC AWQ S/GV - New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998), Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Legend

- Monitoring Well Location Sampled
- Monitoring Well Location Not Sampled
- Recovery Well Location Not Sampled
- Surface Water Sample Location Sampled
- Surface Water Sample Location Not Sampled
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Culvert / Stormwater Drain
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

789MW-95, 789MW-251, 789MW-216, 789MW-83, 789MW-135, 789MW-222, 789MW-99, 789MW-46R, 789SW-01, 789SW-02, 789SW-03, 789SW-04, SS067

Six Mile Creek

Perimeter Road

Distribution Center

8004, N0763, 6048, N0768, 0793, 0681, 0791, 0764, 0749, 787

2025 Annual Monitoring Report For Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

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SS067 (Building 789)
Surface Water Sample Benzene Detections
(September 2025 - November 2025)

Figure 14

0 75 150 Feet

789MW-64
789MW-63R
789MW-251
789MW-214
789RW-209
789MW-95
789RW-217
789MW-256
789RW-203
789HW-1
789MW-215
789RW-200
789MW-250
789MW-216
789MW-255
789RW-218
789MW-134
789MW-97
789RW-211
789RW-206
789RW-207
789MW-83
789MW-254
789RW-208
789RW-205
789RW-220
789RW-201
789RW-213
789MW-96
789RW-210
789MW-135
789MW-98
789RW-204
789MW-252
789RW-219
789RW-221
789MW-222
SS067
789MW-99
789RW-202
789RW-212
789MW-46R
789MW-253
789MW-223
789MW-100
AP2HW-1
Six Mile Creek
Perimeter Road
789MW-101
789SW-01
789MW-102
789SW-02
SS067
789MW-257
789SW-03
789MW-103
789SW-04
Distribution Center

789SW-03	Date	
Analyte (µg/L)	*9/23/2025*	*11/21/2025*
Benzene	0.7 J	0.38 J

789SW-04	Date	
Analyte (µg/L)	*9/23/2025*	*11/21/2025*
Benzene	0.47 J	0.56 J

Analyte	NYSDEC AWQ S/GV (µg/L)
Benzene	1

µg/L - micrograms per liter
J - estimated value
normal sample / field duplicate

NYSDEC AWQ S/GV - New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998), Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Legend

- Monitoring Well Location
- Recovery Well Location
- Surface Water Sample Location
- Installation Restoration Program Area
- Approximate Former Creek Bed Path
- Former Fuel Pipeline (Underground)
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)
- Free Product Skimming System Lines (Aboveground)
- Demolished Building Location
- Approximate Excavation Boundary (2001)

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Former Griffiss Air Force Base, Rome, New York

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TABLES

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Table 1 SS067 (Building 789)
Groundwater Analytical Summary Table (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Griffiss Air Force Base, Rome, New York

Location ID:		WL-789MW-46R	WL-789MW-83	WL-789MW-95	789MW-99		789MW-135	WL-789MW-216	WL-789MW-222	WL-MW-251
Field Sample ID:		789MW-46R_0325	789MW-83_0325	789MW-95_0325	789MW-99_0325	789MW-99_0325-A	789MW-135_0325	789MW-216_0325	789MW-222_0325	789MW-251_0325
Sample Date:		4/2/2025	4/3/2025	4/3/2025	4/2/2025	4/2/2025	4/2/2025	4/3/2025	4/2/2025	4/4/2025
Sample Type:		Normal	Normal	Normal	Normal	Field Duplicate	Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2025 Quarter 1 (µg/L)								
1,2,4-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzene	1	0.5 U	0.5 U	0.5 U	**0.9 J**	**0.87 J**	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	**0.59 J**	**0.63 J**	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	**2.5**	**2.5**	0.5 U	0.5 U	0.5 UJ	0.5 U
m,p-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	5	0.5 U	0.5 U	0.5 U	**0.98 J**	**0.93 J**	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	10	2 U	2 U	2 U	**2.3 J**	**2.4 J**	2 U	2 U	2 U	2 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	**0.45 J**	**0.47 J**	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
ID = identification
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria

µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Table 1 SS067 (Building 789)
Groundwater Analytical Summary Table (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Griffiss Air Force Base, Rome, New York

Location ID:		WL-789MW-46R	WL-789MW-83	WL-789MW-95	WL-789MW-99		WL-789MW-135	WL-789MW-216	WL-789MW-222	WL-789MW-251
Field Sample ID:		789MW-46R_0525	789MW-83_0525	789MW-95_0525	789MW-99_0525	789MW-99_0525-A	789MW-135_0525	789MW-216-0525	789MW-222_0525	789MW-251_0525
Sample Date:		6/10/2025	6/11/2025	6/11/2025	6/11/2025	6/11/2025	6/11/2025	6/11/2025	6/11/2025	6/10/2025
Sample Type:		Normal	Normal	Normal	Normal	Field Duplicate	Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2025 Quarter 2 (µg/L)								
1,2,4-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	3.5 U	3.5 U	3.5 U	3.5 U	**7.6**	3.5 U	3.5 U	3.5 U	**2.7 J**
Acetone	50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**84**
Benzene	1	0.5 U	0.5 U	0.5 U	**0.94 J**	**1.5 J**	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	**0.37 J**	**0.76 J**	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	**2 J**	**3.6 J**	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2 U
n-Propylbenzene	5	0.5 U	0.5 U	0.5 U	**0.47 J**	**1 J**	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	5	2 U	2 U	2 U	**1.3 J**	**2.6 J**	2 U	2 U	2 U	0.5 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	**0.49 J**	**0.77 J**	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
ID = identification
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Table 1 SS067 (Building 789)
Groundwater Analytical Summary Table (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Griffiss Air Force Base, Rome, New York

Location ID:		WL-789MW-46R	WL-789MW-83	WL-789MW-95	WL-789MW-99		WL-789MW-135	WL-789MW-216	WL-789MW-222	WL-789MW-251
Field Sample ID:		789MW-46R_0925	789MW-83_0925	789MW-95_0925	789MW-99_0925	789MW-99_0925-A	789MW-135_0925	789MW-216_0925	789MW-222_0925	789MW-251_0925
Sample Date:		9/23/2025	9/23/2025	9/24/2025	9/23/2025	9/23/2025	9/23/2025	9/23/2025	9/23/2025	9/23/2025
Sample Type:		Normal	Normal	Normal	Normal	Field Duplicate	Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2025 Quarter 3 (µg/L)								
1,2,4-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	50	20 U	20 U	**10.3 J**	20 U	20 U	20 U	20 U	20 U	20 U
Benzene	1	0.5 U	0.5 U	**1.9**	**1.7**	**1.9**	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	50	0.5 U	0.5 U	0.5 U	**0.66 J**	**0.93 J**	0.5 U	0.5 U	0.5 U	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	**1.5 J**	**2.2 J**	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Butylbenzene	5	2 U	2 U	2 U	0.5 U	0.5 U	2 U	2 U	**2.2 J**	2 U
n-Propylbenzene	5	0.5 U	0.5 U	0.5 U	**1 J**	**1.5 J**	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	10	0.5 U	0.5 U	0.5 U	**2.1 J**	**2.9 J**	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	5	0.5 U	0.5 U	0.5 U	**0.53 J**	**0.73 J**	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	**0.72 J**	**0.88 J**	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
ID = identification
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Table 1 SS067 (Building 789)
Groundwater Analytical Summary Table (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Griffiss Air Force Base, Rome, New York

Location ID:		789MW-46R	789MW-83	789MW-95	789MW-99		789MW-135	789MW-216	789MW-222	789MW-251
Field Sample ID:		789MW-46R_1125	789MW-83_1125	789MW-95_1125	789MW-99_1125	789MW-99_1125-A	789MW-135_1125	789MW-216_1125	789MW-222_1125	789MW-251_1125
Sample Date:		11/24/2025	11/24/2025	11/24/2025	11/21/2025	11/21/2025	11/24/2025	11/24/2025	11/21/2025	11/25/2025
Sample Type:		Normal	Normal	Normal	Normal	Field Duplicate	Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2025 Quarter 4 (µg/L)								
1,2,4-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
1,3,5-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
2-Butanone	50	3.5 U	3.5 U	3.5 U	3.5 UJ	3.5 UJ	3.5 U	3.5 U	3.5 UJ	3.5 U
Acetone	50	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 U	20 UJ	20 UJ	20 UJ
Benzene	1	0.5 U	0.5 U	0.5 U	**1.6 J**	**2.1 J**	0.5 U	0.5 U	0.5 UJ	**5**
Isopropylbenzene	5	0.5 U	0.5 U	0.5 U	**0.64 J**	**0.91 J**	0.5 U	0.5 U	0.5 UJ	0.5 U
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	**0.91 J**	**1.4 J**	0.5 U	0.5 U	0.5 UJ	0.5 U
m,p-Xylene	5	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
n-Butylbenzene	5	2 U	2 U	2 U	0.5 UJ	0.5 UJ	0.5 U	2 U	2 UJ	2 U
n-Propylbenzene	5	0.5 U	0.5 U	0.5 U	**1 J**	**1.5 J**	0.5 U	0.5 U	0.5 UJ	0.5 U
Naphthalene	10	0.5 U	0.5 U	0.5 U	**2 J**	**2.6 J**	2 U	0.5 U	0.5 UJ	0.5 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
p-Isopropyltoluene	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
sec-Butylbenzene	5	0.5 U	0.5 U	0.5 U	**0.51 J**	**0.77 J**	0.5 U	0.5 U	0.5 UJ	0.5 U
tert-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 UJ	0.5 UJ	0.5 U	0.5 U	0.5 UJ	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	**0.51 J**	**0.68 J**	0.5 U	0.5 U	0.5 UJ	0.5 U

Notes:
ID = identification
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Table 2 SS067 (Building 789)
Surface Water Analytical Summary Table (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Griffiss Air Force Base, Rome, New York

Location ID:		789SW-02	789SW-03	789SW-04	789SW-02	789SW-03	789SW-04	789SW-02	789SW-03	789SW-04
Field Sample ID:		789SW-02_0325	789SW-03_0325	789SW-04_0325	789SW-02_0925	789SW-03_0925	789SW-04_0925	789SW-02_1125	789SW-03_1125	789SW-04_1125
Sample Date:		4/4/2025	4/4/2025	4/4/2025	9/23/2025	9/23/2025	9/23/2025	11/21/2025	11/21/2025	11/21/2025
Sample Type:		Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2025 Quarter 1 (µg/L)			2025 Quarter 3 (µg/L)			2025 Quarter 4 (µg/L)		
1,2,4-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-Butanone	50	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U
Acetone	50	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Benzene	1	0.5 U	0.5 U	0.5 U	0.5 U	**0.7 J**	**0.47 J**	0.5 U	**0.38 J**	**0.56 J**
Chloroform	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.34 J**	**0.34 J**	**0.31 J**
Ethylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
m,p-Xylene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methyl tert-butyl ether	10	0.5 U	0.5 U	0.5 U	0.5 U	**0.26 J**	0.5 U	0.5 U	0.5 U	0.5 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
n-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
n-Propylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
o-Xylene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
p-Isopropyltoluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
sec-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
tert-Butylbenzene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toluene	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
J = estimated value
U = not detected; reported to limit of detection
µg/L = micrograms per liter
Bold analytical results indicate detection
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water

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Table 3 SS067 (Building 789)
Free Product Gauging and Bailing (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	4/7/2025		6/10/2025		9/22/2025		11/20/2025	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	**1.61**	0.27	0	Not measured	0.08	0.03	0.51	0.04
789MW-102	2	0.23	0.04	0.12	Not measured	0.20	0.02	0.30	0.04
789RW-200		0.41	0.13	0.08	0.05	0.32	0.19	0.05	0.03
789RW-202	6	**1.69**	0.08	0.30	0.05	0.18	0.10	0.13	0.06
789RW-205	6	0.42	0.17	0.14	0.06	0.04	0.01	0.18	0.08
789RW-219	4	0.55	0.11	**1.33**	0.14	1.9	0.09	2.38	0.06
789MW-252	2	**2.06**	0.01	0.1	0	0.05	0.02	0.08	0.01
789MW-253	2	0	Not measured	0	Not measured	0.29	0.05	0.82	0.01
789MW-254	2	Equipment error	0.25	0.18	0.03	0.60	0.05	0.98	0.03
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	5.64		4.70		2.38		2.42	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2025	257								

Notes:
Wells that were bailed to remove free product after initial gauging.
Ivey-sol® Treated wells

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Table 4 SS067 (Building 789)
Monitoring Plan (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Site	Location Identification	Sample Identification	Date	Analytical	Notes
2025 Quarter 1	789MW-251	789MW-251_0325	4/4/2025	Volatile organic compounds	
	789MW-95	789MW-95_0325	4/3/2025		
	789MW-216	789MW-216_0325	4/3/2025		
	789MW-83	789MW-83_0325	4/3/2025		
	789MW-99_0325	789MW-99_0325 / 789MW-99_0325-A	4/2/2025		Field duplicate
	789MW46R_0325	789MW-46R_0325	4/2/2025		
	789MW-135	789MW-135_0325	4/2/2025		
	789MW-222	789MW-222_0325	4/2/2025		
	789SW-02 *	789SW-02_0325	4/4/2025		
	789SW-03 *	789SW-03_0325	4/4/2025		
	789SW-04 *	789SW-04_0325	4/4/2025		
2025 Quarter 2	789MW-135	789MW-135_0525	6/11/2025		
	789MW-46R	789MW-46R_0525	6/10/2025		
	789MW-83	789MW-83_0525	6/11/2025		
	789MW-95	789MW-95_0525	6/11/2025		
	789MW-99	789MW-99-0525 / 789MW-99-0525-A	6/11/2025		Field duplicate
	789MW-216	789MW-216_0525	6/11/2025		
	789MW-222	789MW-222_0525	6/11/2025		
	789MW-251	789MW-251_0525	6/10/2025		
2025 Quarter 3	789MW-46R	789MW-46R_0925	9/23/2025		
	789MW-83	789MW-83_0925	9/23/2025		
	789MW-95	789MW-95_0925	9/24/2025		
	789MW-99	789MW-99_0925 / 789MW-99_0925-A	9/23/2025		Field duplicate
	789MW-135	789MW-135_0925	9/23/2025		
	789MW-216	689MW-216_0925	9/23/2025		
	789MW-222	789MW-222_0925	9/23/2025		
	789MW-251	789MW-251_0925	9/24/2025		
	789SW-02 *	789SW-02_0925	9/23/2025		
	789SW-03 *	789SW-03_0925	9/23/2025		
	789SW-04 *	789SW-04_0925	9/23/2025		
2025 Quarter 4	789MW-46R	789MW-46R_1125	11/24/2025		
	789MW-83	789MW-83_1125	11/24/2025		
	789MW-95	789MW-95_1125	11/24/2025		
	789MW-99	789MW-99_1125/789MW-99_1125-A	11/21/2025		Field duplicate
	789MW-135	789MW-135_1125	11/24/2025		
	789MW-216	789MW-216_1125	11/24/2025		
	789MW-222	789MW-222_1125	11/21/2025		
	789MW-251	789MW-251_1125	11/25/2025		
	789SW-02 *	789SW-02_1125	11/21/2025		
	789SW-03 *	789SW-03_1125	11/21/2025		
	789SW-04 *	789SW-04_1125	11/21/2025		

Notes:

* Surface water sample locations from Six Mile Creek added in 2023 Quarter 2.

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Table 5 SS067 (Building 789)
Groundwater Elevations and Field Parameters (2025)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Event	Well Identification	Date	Top of Casing (feet NAVD88)	Depth to Free Product (feet btoc)	Initial Depth to Water (feet btoc)	Free Product Thickness (feet)	Groundwater Elevation (feet NAVD88)	Groundwater Elevation Corrected* (feet NAVD88)	pH	Conductivity (mS/cm)	Temperature (°C)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity (NTU)
2025 Quarter 1	789MW-46R	4/2/2025	479.09	-	18.85	-	460.24	460.24	6.95	0.63	8.14	8.75	33.90	523.28
	789MW-83	4/3/2025	478.79	-	21.26	-	457.53	457.53	6.51	0.620	13.69	8.01	21.4	29.18
	789MW-95	4/3/2025	479.39	-	10.22	-	469.17	469.17	6.92	0.82	11.07	8.25	123.10	54.00
	789MW-96 *	4/7/2025	476.69	19.20	20.81	1.61	455.88	457.17	Not sampled, gauge only - Free Product					
	789MW-98	4/7/2025	476.32	16.61	16.62	0.01	459.70	459.71	Not sampled, gauge only - Free Product					
	789MW-99	4/2/2025	475.80	-	17.93	-	457.87	457.87	7.07	0.990	10.41	9.16	-28.6	70.34
	789MW-102 *	4/7/2026	451.03	7.90	8.13	0.23	442.90	443.08	Not sampled, gauge only - Free Product					
	789MW-135	4/2/2025	481.54	-	26.35	-	455.19	455.19	7.20	0.54	10.14	7.13	163.40	115.95
	789RW-200	4/7/2025	475.34	17.21	17.62	0.41	457.72	458.05	Not sampled, gauge only - Free Product					
	789RW-202	4/7/2025	475.37	17.33	19.02	1.69	456.35	457.70	Not sampled, gauge only - Free Product					
	789RW-205	4/7/2025	475.06	17.34	17.76	0.42	457.30	457.64	Not sampled, gauge only - Free Product					
	789MW-216	4/3/2025	477.98	-	18.62	-	459.36	459.36	6.85	0.620	12.71	6.33	23.5	643.53
	789MW-222	4/2/2025	481.39	-	22.17	-	459.22	459.22	7.30	0.840	9.16	4.76	92.1	15.34
	789MW-251	4/4/2025	478.50	-	16.12	-	462.38	462.38	7.15	0.570	12.24	9.42	125.8	33.0
	789MW-252 *	4/7/2025	478.04	19.75	21.81	2.06	456.23	457.88	Not sampled, gauge only - Free Product					
	789MW-253	4/7/2025	477.92	-	16.70	-	461.22	461.22	Not sampled, gauge only - Free Product					
	789MW-254 *	4/7/2025	479.82	-	21.04	-	458.78	458.78	Not sampled, gauge only - Free Product					
	789SW-02	4/4/2025	Six Mile Creek stream flow not measured						6.90	0.360	11.20	10.2	185.6	20.67
	789SW-03	4/4/2025							6.87	0.360	11.52	10.34	167.3	20.05
	789SW-04	4/4/2025							6.98	0.370	11.36	10.58	165.9	20.06
2025 Quarter 2	789MW-46R	6/10/2025	479.09	-	18.10	-	460.99	460.99	7.48	0.590	15.64	4.30	-3.1	1.728
	789MW-83	6/11/2025	478.79	-	19.48	-	459.31	459.31	7.00	0.838	15.88	3.00	124.4	13.97
	789MW-95	6/11/2025	479.39	-	9.69	-	469.70	469.70	7.10	0.791	15.08	7.40	118.5	42.16
	789MW-96 *	6/10/2025	476.69	-	19.30	-	457.39	457.39	Not sampled, gauge only - Free Product					
	789MW-98	6/11/2025	476.32	-	NM	-	-	NM	Not sampled - Free Product					
	789MW-99	6/11/2025	475.80	-	16.23	-	459.57	459.57	7.20	0.959	16.20	6.50	-83.5	7.25
	789MW-102 *	6/10/2025	451.03	3.60	3.72	0.12	447.31	447.41	Not sampled, gauge only - Free Product					
	789MW-135	6/11/2025	481.54	-	24.55	-	456.99	456.99	7.10	0.543	15.42	7.20	137.1	449.30
	789RW-200 *	6/10/2025	475.34	16.22	16.30	0.08	459.04	459.10	Not sampled, gauge only - Free Product					
	789RW-202 *	6/10/2025	475.37	9.05	9.35	0.30	466.02	466.26	Not sampled, gauge only - Free Product					
	789RW-205	6/10/2025	475.06	16.70	16.84	0.14	458.22	458.33	Not sampled, gauge only - Free Product					
	789MW-216	6/11/2025	477.98	-	20.77	-	457.21	457.21	7.30	0.433	14.47	6.50	134	433.6
	789RW-219**	6/10/2025	-	17.10	18.43	1.33	-	-	Not sampled, gauge only - Free Product					
	789MW-222	6/11/2025	481.39	-	21.87	-	459.52	459.52	7.40	0.726	14.55	5.80	130.5	15.52
	789MW-251	6/10/2025	478.50	-	15.17	-	463.33	463.33	7.60	0.567	20.85	7.40	72.3	228.9
	789MW-252 *	6/10/2025	478.04	18.31	18.41	0.10	459.63	459.71	Not sampled, gauge only - Free Product					
	789MW-253 *	6/10/2025	477.92	-	15.66	-	462.26	462.26	Not sampled, gauge only - Free Product					
	789MW-254 *	6/10/2025	479.82	16.65	16.83	0.18	462.99	463.13	Not sampled, gauge only - No Free Product					
2025 Quarter 3	789MW-46R	9/23/2025	479.09	-	20.50	-	458.59	458.59	7.45	0.360	14.95	6.65	-64.3	1.897
	789MW-83	9/23/2025	478.79	-	21.52	-	457.27	457.27	7.20	0.460	16.90	6.90	-18.1	30.49
	789MW-95	9/23/2025	479.39	-	21.85	-	457.54	457.54	6.90	0.500	15.67	6.70	-50.1	35.87
	789MW-96	9/22/2025	476.69	21.22	21.30	0.08	455.39	455.45	Not sampled, gauge only - Free Product					
	789MW-98	9/23/2025	476.32	16.81	16.83	0.02	459.49	459.51	Not sampled, gauge only - Free Product					
	789MW-99	9/23/2025	475.80	-	17.45	-	458.35	458.35	7.70	0.600	17.07	7.00	-121.9	102.30
	789MW-102 *	9/22/2025	451.03	8.37	8.57	0.20	442.46	442.62	Not sampled, gauge only - Free Product					
	789MW-135	9/23/2025	481.54	-	26.62	-	454.92	454.92	7.66	0.306	16.10	8.40	-3.8	47.91
	789RW-200 *	9/22/2025	475.34	18.42	18.74	0.32	456.60	456.86	Not sampled, gauge only - Free Product					
	789RW-202 *	9/22/2025	475.37	18.70	18.88	0.18	456.49	456.63	Not sampled, gauge only - Free Product					
	789RW-205	9/22/2025	475.06	18.50	18.54	0.04	456.52	456.55	Not sampled, gauge only - No Free Product					
	789MW-216	9/23/2025	477.98	-	20.52	-	457.46	457.46	7.60	0.320	15.81	6.40	-101.8	757.6
	789RW-219**	9/22/2025	-	18.38	20.28	1.90	-	-	Not sampled, gauge only - Free Product					
	789MW-222	9/23/2025	481.39	-	23.88	-	457.51	457.51	7.70	1.570	15.36	6.50	19.1	42.87
	789MW-251	9/23/2025	478.50	-	15.84	-	462.66	462.66	7.20	0.430	15.92	5.90	179.5	21.94
	789MW-252 *	9/22/2025	478.04	21.56	21.61	0.05	456.43	456.47	Not sampled, gauge only - Free Product					
	789MW-253	9/22/2025	477.92	18.10	18.39	0.29	459.53	459.76	Not sampled, gauge only - No Free Product					
	789MW-254 *	9/22/2025	479.82	20.25	20.85	0.60	458.97	459.45	Not sampled, gauge only - Free Product					
	789SW-02	9/23/2025	Six Mile Creek stream flow not measured						7.90	0.35	17.70	7.70	108.6	17.83
	789SW-03	9/23/2025							7.8	0.34	17.15	7.9	111.3	20.95
	789SW-04	9/23/2025							7.8	0.34	17.65	7.90	137.1	15.39
2025 Quarter 4	789MW-46R	11/24/2025	479.09	-	22.24	-	456.85	456.85	7.20	0.640	12.66	6.40	-72.1	1000+
	789MW-83	11/24/2025	478.79	-	22.80	-	455.99	455.99	6.80	0.420	14.83	4.40	-10.6	34.02
	789MW-95	11/24/2025	479.39	-	16.71	-	462.68	462.68	7.30	0.68	11.72	6.50	50.2	291.50
	789MW-96 *	11/20/2025	476.69	22.12	22.63	0.51	454.06	454.47	Not sampled, gauge only - Free Product					
	789MW-98	11/21/2025	476.32	17.42	17.43	0.01	458.89	458.90	7.20	0.950	11.66	4.70	-145.5	15.14
	789MW-99	11/21/2025	475.80	-	18.71	-	457.09	457.09	7.40	1.110	10.96	9.00	-107.5	29.38
	789MW-102 *	11/20/2025	451.03	8.00	8.30	0.30	442.73	442.97	Not sampled, gauge only - Free Product					
	789MW-135	11/24/2025	481.54	-	27.61	-	453.93	453.93	7.40	0.550	13.18	8.00	219.3	219.3
	789RW-200 *	11/20/2025	475.34	19.42	19.47	0.05	455.87	455.91	Not sampled, gauge only - Free Product					
	789RW-202 *	11/20/2025	475.37	19.54	19.67	0.13	455.70	455.80	Not sampled, gauge only - Free Product					
	789RW-205	11/20/2025	475.06	19.35	19.53	0.18	455.53	455.67	Not sampled, gauge only - Free Product					
	789MW-216	11/24/2025	477.98	-	21.18	-	456.80	456.80	7.20	0.580	13.86	5.40	-88.8	501.10
	789RW-219 **	11/20/2025	-	19.38	21.76	2.86	-	-	Not sampled, gauge only - Free Product					
	789MW-222	11/21/2025	481.39	-	23.10	-	458.29	458.29	7.40	1.740	13.01	6.80	28	68.01
	789MW-251	11/25/2025	478.50	-	23.02	-	455.48	455.48	6.90	0.970	11.37	7.70	-66.6	20.10
	789MW-252 *	11/20/2025	478.04	22.41	22.49	0.08	455.55	455.61	Not sampled, gauge only - Free Product					
	789MW-253 *	11/20/2025	477.92	19.50	20.32	0.82	457.60	458.26	Not sampled, gauge only - Free Product					
	789MW-254 *	11/20/2025	479.82	21.63	22.61	0.98	457.21	457.99	Not sampled, gauge only - Free Product					
	789SW-02	11/21/2025	Six Mile Creek stream flow not measured						7.9	0.44	13.04	8.7	43.3	39.42
	789SW-03	11/21/2025							7.9	0.47	10.75	9.5	35.9	2.37
	789SW-04	11/21/2025							8	0.47	10.49	9.9	61.3	5.7

Notes:
* Indicates the presence of measured free product, groundwater elevation adjusted accordingly
Stream flow measured by surface float test (object movement distance over travel time)
** Indicates well does not have a surveyed top of casing
NAVD88 - North American Vertical Datum of 1988
btoc - below top of casing
°C - degrees Celsius
mg/L - milligrams per liter
mS/cm - millisiemen per centimeter
mV - millivolt
NTU - nephelometric turbidity unit
pH - potential of hydrogen

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Table 6 SS067 (Building 789)
Monitoring Plan (2026)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Site	Location Identification	Analytical
2026 Quarter 1	789MW-83	Volatile organic compounds
	789MW-98	
	789MW-99	
	789MW-102	
	789MW-216	
	789MW-222	
	789MW-251	
	789SW-02 *	
	789SW-03	
	789SW-04	
2026 Quarter 2	789MW-46R	
	789MW-83	
	789MW-95	
	789MW-98	
	789MW-99	
	789MW-102	
	789MW-135	
	789MW-216	
	789MW-222	
	789MW-251	
	789SW-02 *	
	789SW-03	
	789SW-04	
2026 Quarter 3	789MW-46R	
	789MW-83	
	789MW-98	
	789MW-99	
	789MW-102	
	789MW-135	
	789MW-216	
	789MW-222	
	789MW-251	
	789SW-02 *	
	789SW-03	
	789SW-04	
2026 Quarter 4	789MW-83	
	789MW-98	
	789MW-99	
	789MW-216	
	789MW-222	
	789MW-251	
	789MW-46R	
	789MW-95	
	789MW-102	
	789MW-135	
	789SW-02 *	
	789SW-03	
	789SW-04	

Notes:
* Stream flow measurement location
All wells will be gauged for free product prior to sampling. Wells determined to have a measurable thickness of free product will not be sampled.

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APPENDICES

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APPENDIX A
HISTORICAL REFERENCE DOCUMENTATION

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Appendix A-1
Table from Final Optimization Plan for SS067 Building 789 (NYSDEC Spill Site 9810713), Former Griffiss Air Force Base, Rome, New York (Bhate, August 2018)

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Table 1. Summary of Data Gaps and Proposed Investigation Activities

Area to Be Investigated	Background	Data Gap	Proposed Work to Address Data Gap
Free Product & Residual Soil Contamination Area (current free product recovery area)	Periods of low precipitation can exaggerate the amount of free product present on the water table, likewise, periods of heavy precipitation can press or trap free product within the residual overburden. This will impede accurate free product measurements if monitoring well screen intervals do not cover the full range of this movement. Both of these conditions have been observed in this area.	The actual thickness of free product within the area is suspect due to the screened interval of the monitoring wells and fluctuations in site-wide water levels since their installation.	• Install 2-inch diameter groundwater monitoring wells to an estimated depth of 30 ft bgs within areas of the site historically containing the thickest free product measurements. • These wells will be constructed with "full length" screen intervals, such that the entire depth of the boring can be used to capture any variations in free product thickness driven by water level fluctuations at the site. • A minimum of two wells will be required to assess the accuracy of previous free product data from nearby wells. • The proposed location of these wells is shown on **Figure 3**.
	Optimization, including any expansion or modifications of the free product recovery system will require an accurate measurement of the percentage of the total volume (when determined) that can actually be recovered.	The potentially recoverable fraction of the total mass of remaining free product is unknown.	• Six Direct Push Technology (DPT) soil borings will be advanced to approximately 26 ft bgs or refusal. • There may be up to six step-out soil borings based on field observations made during the investigation (pink locations on **Figure 3**). • From each boring, undisturbed soil samples will be collected from intervals that exhibit residual contamination (smear zone), as well as intervals that contain free product. • Samples will be submitted to the laboratory for centrifuge analysis using D-425-01 *Standard Test Method for Centrifuge Moisture Equivalent of Soils* (ASTM International [ASTM], 1996), to determine the fraction of free product that is recoverable from the soil matrix.

Area to Be Investigated	Background	Data Gap	Proposed Work to Address Data Gap
Former Excavation Area	Concrete rubble from demolished Building 789 is present in the backfill material of the former excavation. Approximate locations are presented on **Figure 3**. Free product may be present within or below the rubble, which could be acting as a sump or a conduit for the subsurface migration of free product.	The condition and extent of this rubble is unknown. This data could prompt a revision of the conceptual site model (CSM) and the subsequent implementation of system optimization.	• Advance up to 13 DPT soil borings (blue locations on **Figure 3**) within the former excavation to the depth of the former excavation, approx. 26 ft bgs, or until refusal is met. • Additional step-out borings may be required if refusal is encountered across the backfilled excavation area before reaching 26 ft bgs. • Samples for laboratory analysis may be collected from borings that extend to or beneath the depth of the former excavation, approx. 26 ft bgs, in order to determine if the rubble has become contaminated. • Install one 2-inch monitoring well, in the area of the rubble, to a depth of 30 ft bgs to monitor for the accumulation of product.
Dissolved Phase Plume Area	Dissolved phase plume exceedances have been detected in groundwater monitoring well 789MW-102, located crossgradient to the existing air-sparge remedial system. Groundwater monitoring wells located downgradient of the air-sparge system have not exhibited detections, indicating that the system is effective in treating the northern portion of the plume.	A portion of the dissolved phase plume may be by-passing the existing air-sparge system to the south, but no groundwater data exists between the free product area and 789MW-102. The dissolved plume may not reach horizontal sparge well AP2HW-1, but there is no groundwater data adjacent to and upgradient of the well to determine the dissolved concentrations entering the area of sparge influence.	• Advance up to 12 DPT groundwater grab sample borings (red locations on **Figure 3**) in various locations including: upgradient of the former excavation and free product area; immediately downgradient of the free product area; and at the southern end of the plume, upgradient of 789MW-102 and upgradient of AP2HW-1 • A step out process may be used to determine the southern extent of the plume and whether it is bypassing the existing air-sparge system. • Install up to two vertical air-sparge wells (to be tied into existing air-sparge system) if dissolved phase contamination is determined to be bypassing the southern end of the existing system. • Install new compliance well downgradient of new vertical air-sparge wells to assess performance.

Appendix A-2

Figure from Final Supplemental Investigation and Groundwater Monitoring Report at Sites SS054 and SS067, Former Griffiss Air Force Base, Rome, New York. (Bhate, October 2019)

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2017 and 2018 Optimization Efforts at SS067 (Building 789 Type II Fuel System)

Figure 16

2018 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

DRAWN BY: MRM
DATE: 5/18/2026
SCALE: As Shown
PROJECT NO: AFCGSA3 0012.00AC

0 60 120 240 Feet

789WG-1_1018

Parameter	Result (µg/L)	NYSDEC AWQ S/GV (µg/L)
1,2,4-Trimethylbenzene	50	5
1,3,5-Trimethylbenzene	18	5
Ethylbenzene	6.5	5
n-Butylbenzene	8	5
n-Propylbenzene	9.4	5
m,p-Xylene	25	5
Naphthalene	16	10
o-Xylene	11	5
sec-Butylbenzene	7.8	5
Toluene	11	5

789WG-12_1018

Parameter	Result (µg/L)	NYSDEC AWQ S/GV (µg/L)
1,3,5-Trimethylbenzene	6.6	5
Benzene	36	1
Ethylbenzene	53	5
Isopropylbenzene	7.4	5
n-Propylbenzene	7.4	5
m,p-Xylene	140 D	5
o-Xylene	11 D	5
Toluene	13	5

789WG-2_1018

Parameter	Result (µg/L)	NYSDEC AWQ S/GV (µg/L)
1,2,4-Trimethylbenzene	14	5
1,3,5-Trimethylbenzene	6.8	5
Benzene	160 D	1
Ethylbenzene	31	5
n-Propylbenzene	6.6	5
m,p-Xylene	46	5
o-Xylene	11	5
Toluene	8.8	5

789WG-3_1018

Parameter	Result (µg/L)	NYSDEC AWQ S/GV (µg/L)
1,2,4-Trimethylbenzene	710 J D	5
1,3,5-Trimethylbenzene	150 D	5
Benzene	43 D	1
Ethylbenzene	460 J D	5
Isopropylbenzene	44 D	5
n-Butylbenzene	26 D	5
n-Propylbenzene	88 D	5
m,p-Xylene	1,300 J D	5
Naphthalene	480 J D	10
o-Xylene	680 J D	5
p-Isopropyltoluene	14 D	5
sec-Butylbenzene	23 D	5
Toluene	88 D	5

789WG-4_1018

Parameter	Result (µg/L)	NYSDEC AWQ S/GV (µg/L)
1,2,4-Trimethylbenzene	490 J D	5
1,3,5-Trimethylbenzene	110 J D	5
Benzene	8.0 J D	1
Ethylbenzene	230 J D	5
Isopropylbenzene	37 J D	5
n-Butylbenzene	25 J D	5
n-Propylbenzene	79 J D	5
m,p-Xylene	890 J D	5
Naphthalene	370 J D	10
o-Xylene	480 J D	5
p-Isopropyltoluene	15 J D	5
sec-Butylbenzene	26 J D	5
Toluene	440 J D	5

Notes:
Existing wells are not shown.

This information is depicted to provide visual aid within the context of this document and should not be used as a sole reference in precise dimensioning of features indicated. Please verify the location of all features including underground and aboveground utilities prior to conducting any subsurface exploration or site assessment.

Notes:
Top of Slope - A point or line of slope in an excavation or cut where the higher surface changes to horizontal or meets the exiting ground slope.

Toe of Slope - A point or line of slope in an excavation or cut where the lower surface changes to horizontal or meets the exiting ground slope.

Notes:
NYSDEC - New York State Department of Environmental Conservation
AWQ - Ambient Water Quality
S/GV - Standard and Guidance Value
µg/L - Micrograms per liter
D - Dilution
J - Estimated value
Red analytical results exceed NYSDEC AWQ S/GV criteria
Groundwater Grab Samples without call out boxes were below NYSEC AWQ S/GV criteria.

Legend:
- New OES Monitoring Well Locations
- Monitoring Well Location
- Recovery Well Location
- Groundwater Grab Sample Locations
- Soil Boring Locations
- Test Boring Locations
- Test Pit Location (12/6/2017)
- Installation Restoration Program (IRP) Area
- 5657 Building Number
- 0781 Demolished Building Location
- Fence
- Culvert / Stormwater Drain
- Former Fuel Pipeline (Underground)
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)

Approximate Excavation Boundary (7/2/2001 to 11/29/2001)
Excavation Pit Slope
Top of Slope
Toe of Slope
Former Location of Building 789
Free Product Skimming System Lines (Aboveground)
Fenced Off Area (Dollar General)
Six Mile Creek
SS067
8004
0049
0781
0790
0763
N0763
789SB-18
789SB-15
789SB-14
789SB-1
789SB-8B
789SB-8
789SB-9
789SB-17
789SB-16
789TB-1
789TB-2
789TB-3
789TB-4
789TB-5
789TB-6
789TB-7
789TB-8
789TB-9
789TB-10
789TB-11
789TB-12
789TB-13
789TB-14
789TB-15
789TB-16
789MW-250
789MW-251/ 789SB-12
789MW-252/ 789SB-7
789MW-96
789RW-200
789RW-211
789RW-205
789RW-219
789HW-1
AP2HW-1
789WG-5
789WG-6
789WG-7
789WG-8
789WG-9
789WG-10
789WG-11
789MW-102

Source: Esri, Vantor, Earthstar Geographics, IGN, and the GIS User Community

bhate

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Appendix A-3
Figures from 2022 Free Product Assessment and Data Gap Investigation Data Transmittal (Bhate, April 2023)

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N

OIP Response > 40%

OIP Response > 10%

789HRSC-OIP05

789HRSC-OIP06

789HRSC-OIP09

789HRSC-OIP04A

789HRSC-OIP10

789HRSC-OIP01A

789HRSC-OIP01

OIP Response > 20%

789HRSC-OIP07

789HRSC-OIP03A

789HRSC-OIP02

OIP Response > 5%

Fluorescence (%)

61
50
20
10
5.0
2.0
1.0
0.50

789HRSC-OIP08

OiHpt Stations

OIP Response (>5%) Plan View

Figure 6

Griffiss AFB – SS067
Rome, New York

June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES

OIP Response (>5%) – Oblique View

Figure 7

Griffiss AFB – SS067
Rome, New York

June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES

N

789HRSC-OIP09

A

789HRSC-OIP04A

789HRSC-OIP10

B

789HRSC-OIP05

789HRSC-OIP06

789HRSC-OIP01A

789HRSC-OIP01

789HRSC-OIP07

789HRSC-OIP03A

789HRSC-OIP02

A’

B’

789HRSC-OIP08

OiHpt Stations

Transect Map

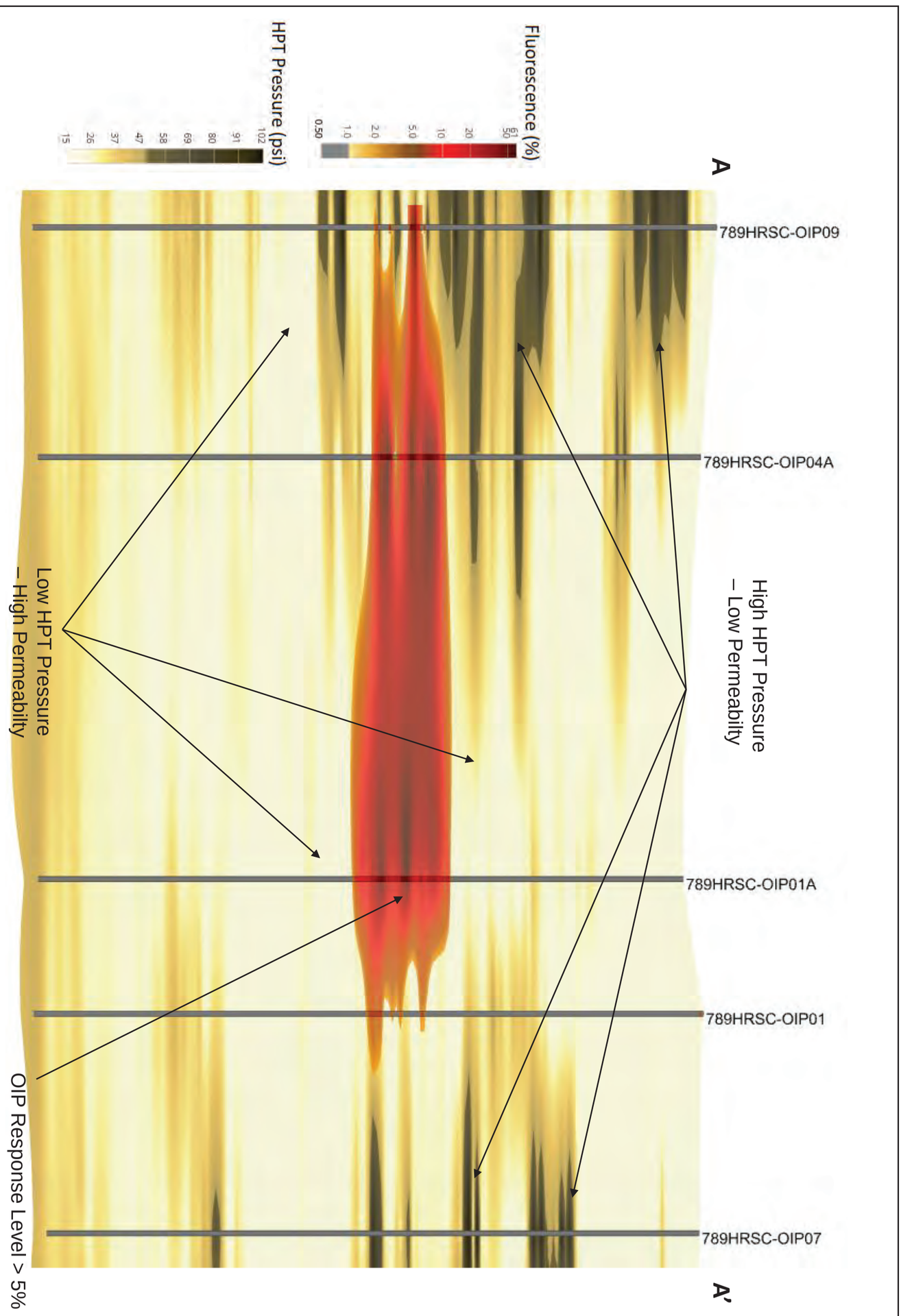
Figure 8

Griffiss AFB – SS067
Rome, New York

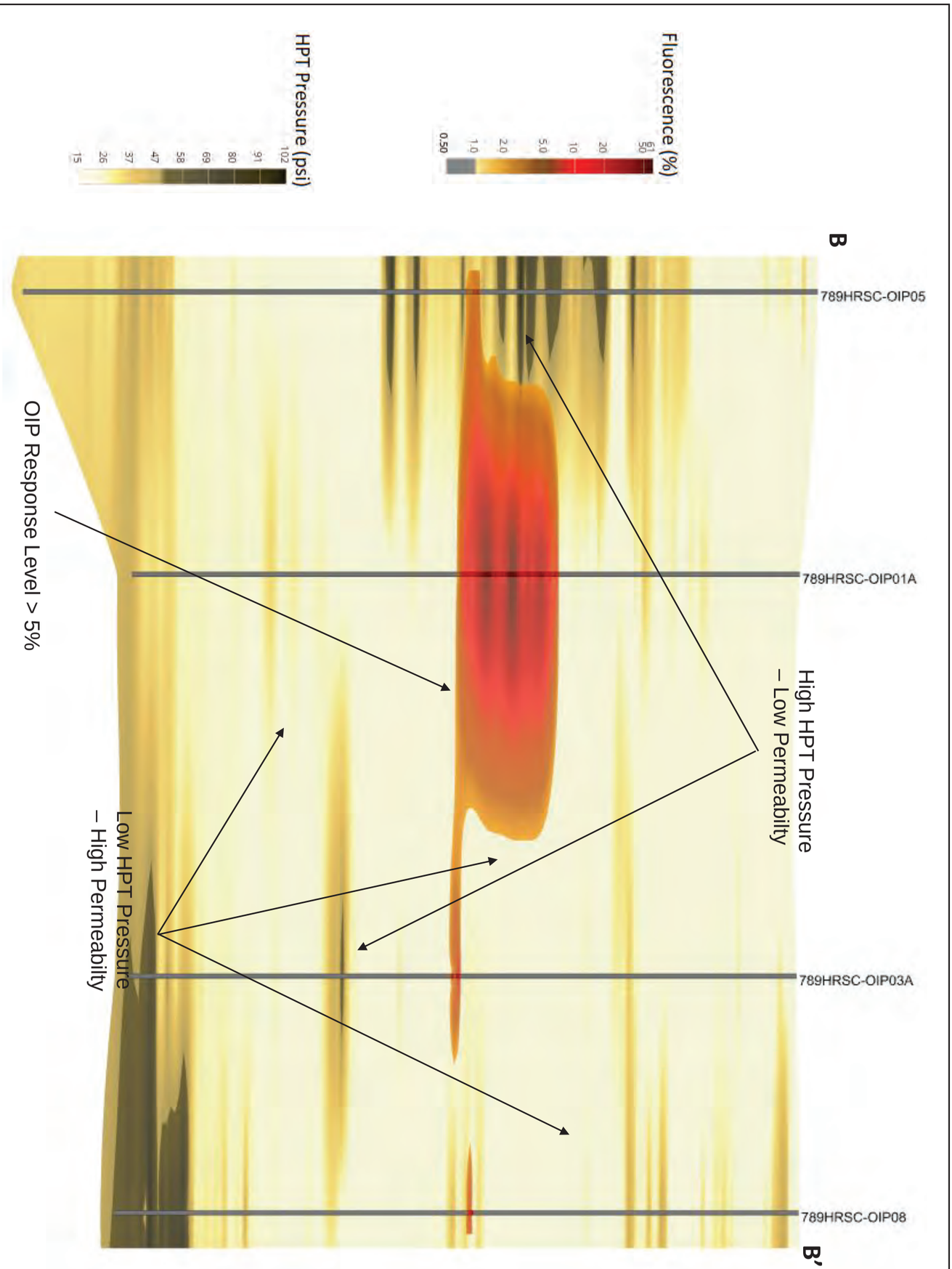
June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES



COLUMBIA TECHNOLOGIES	**Griffiss AFB – SS067** **Rome, New York**	**A-A' HPT Pressure Cross section with OIP Response**
	High-Resolution Site Characterization **June 2022**	**Figure 9**



COLUMBIA TECHNOLOGIES	**Griffiss AFB – SS067** **Rome, New York**		**B – B' HPT Pressure Cross section with OIP Response**
	High-Resolution Site Characterization	**June 2022**	**Figure 10**

Transects with Excavated Area

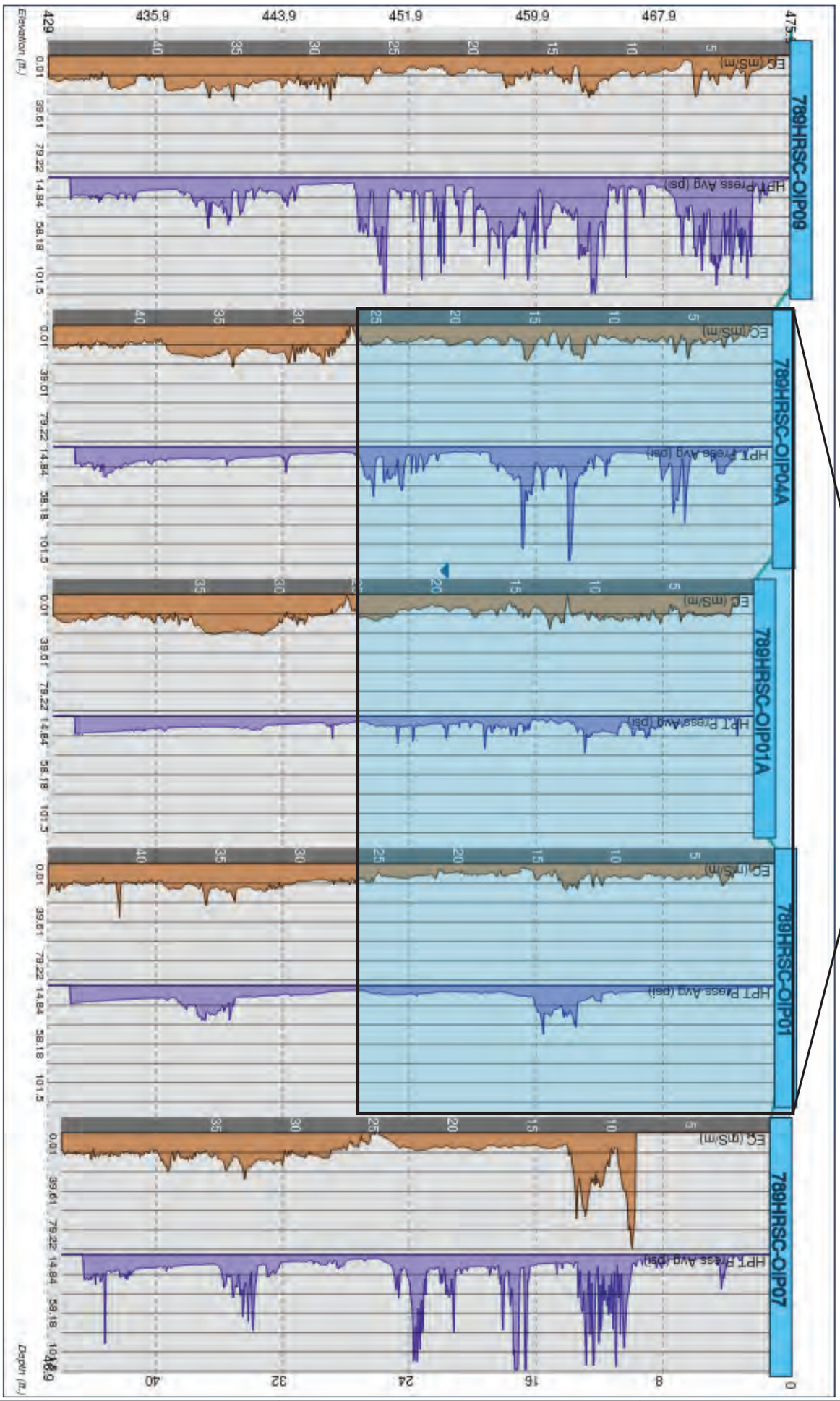
Figure 11

Griffiss AFB – SS067
Rome, New York

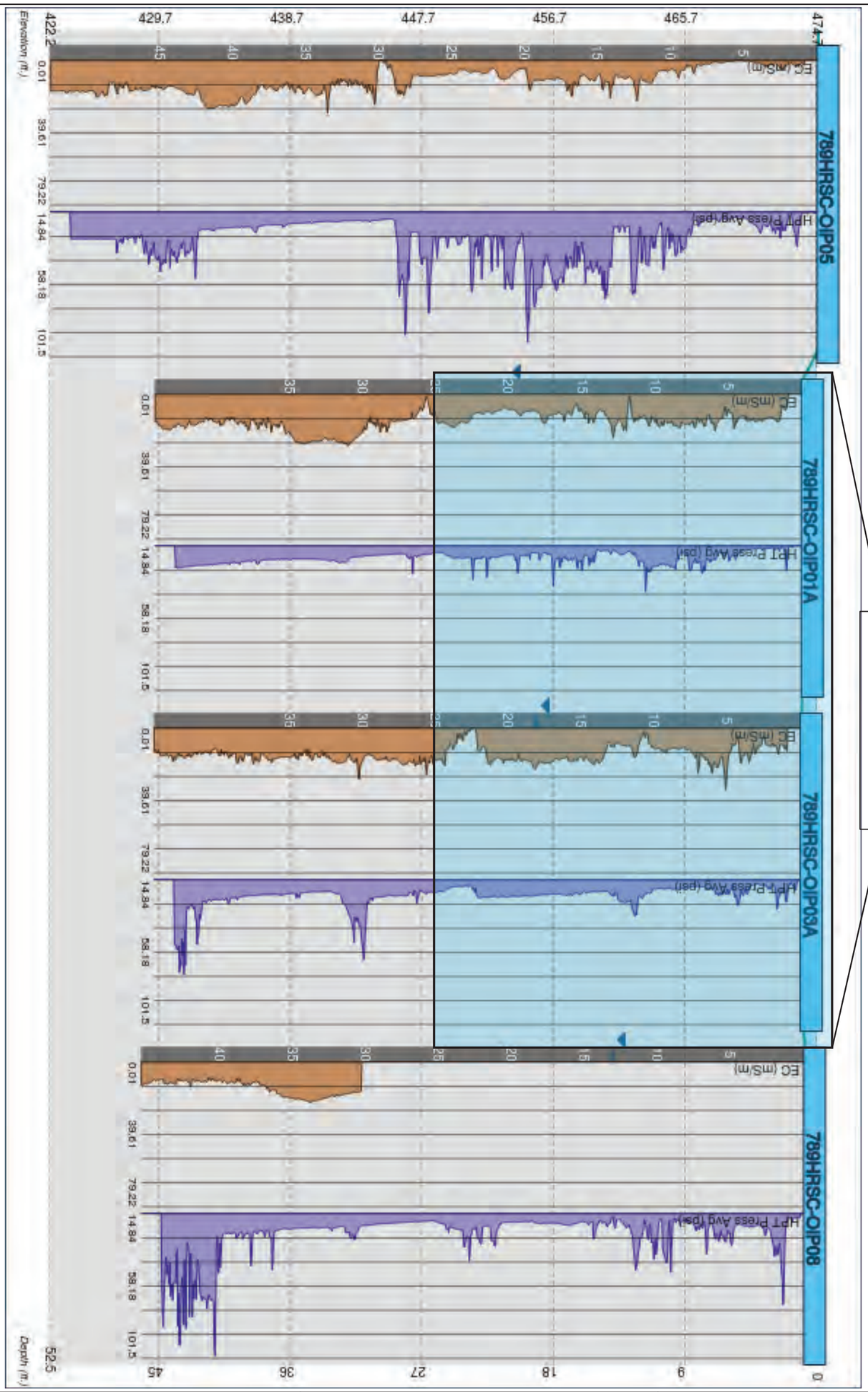
June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES



COLUMBIA TECHNOLOGIES	**Griffiss AFB – SS067** **Rome, New York**	**HPT Pressure/EC Logs** **Transect A-A'**
	High-Resolution Site Characterization	**June 2022**
		Figure 12



COLUMBIA TECHNOLOGIES	**Griffiss AFB – SS067** **Rome, New York**	**HPT Pressure/EC Logs** **Transect B-B'**
	High-Resolution Site Characterization	**June 2022**	**Figure 13**

N

789RW-209

789MW-217

789RW-203

789RW-200

789RW-205

789MW-252

789MW-96

789RW-219

789RW-202

789RW-201

OIP Response > 40%

OIP Response > 10%

OIP Response > 20%

OIP Response > 5%

Fluorescence (%)

61
50
20
10
5.0
2.0
1.0
0.50

Monitoring Well locations with LNAPL thickness (June 2022)

OIP Response Plan View vs. Monitoring Wells

Figure 14

Griffiss AFB – SS067
Rome, New York

June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES

N

789HRSC-OIP01A
789HRSC-OIP01
789HRSC-OIP07
789HRSC-OIP10
789HRSC-OIP09
789HRSC-OIP04A
789HRSC-OIP005
789HRSC-OIP06
789HRSC-OIP08
789HRSC-OIP03A
789HRSC-OIP02

LNAPL thickness in well
(on top of water)

Fluorescence (%)
61
50
20
10
5.0
2.0
1.0
0.50

OIP Response Level > 5%

789RW-96
789RW-219
789RW-252
789RW-202
789RW-200
789RW-217
789RW-209
789RW-203
789RW-201

OIP Response vs. Monitoring Wells with LNAPL

Figure 15

Griffiss AFB – SS067
Rome, New York

June 2022

High-Resolution Site Characterization

COLUMBIA TECHNOLOGIES

Site SS067 Supplemental Investigation
Soil VOC Results

Figure 1

Parameter	6 NYCRR Subpart 375-6.8 (µg/kg)
1,2,4-TMB	3,600
1,3,5-TMB	8,400
2-Butanone	120
Acetone	50
Benzene	60
Ethylbenzene	1,000
Methylene chloride	50
n-Butylbenzene	12,000
n-Propylbenzene	3,900
sec-Butylbenzene	11,000
Toluene	700
Xylenes, Total	260

789SB-26
789SB-26-2729_0722

Parameter	Result (µg/kg)
1,2,4-TMB	10,700 J
2-Butanone	18,600 J
Acetone	15,000 X
Benzene	200 X
Ethylbenzene	2,120 J
Methylene chloride	3,700 J
Xylenes, Total	8,000 J

789SB-26-4850_0722

Parameter	Result (µg/kg)
1,2,4-TMB	131 J
2-Butanone	753 J
Acetone	2,080 J
Benzene	314 J
Ethylbenzene	46.5 J
Methylene chloride	11.0 X
Xylenes, Total	144 J

789SB-30
789SB-30-2628_0722

Parameter	Result (µg/kg)
2-Butanone	348 J
Acetone	86.5 J

789SB-30-4850_0722

Parameter	Result (µg/kg)
2-Butanone	11.0 X
Acetone	110 X

789SB-24
789SB-24-1820_0722

Parameter	Result (µg/kg)
2-Butanone	1,510 J

789SB-24-3032_0722

Parameter	Result (µg/kg)
2-Butanone	35.0 J

789SB-21
789SB-21-2224_0722

Parameter	Result (µg/kg)
1,2,4-TMB	83,800 J
1,3,5-TMB	25,100 J
Ethylbenzene	22,400 J
n-Propylbenzene	18,700 J
Xylenes, Total	112,000 J

789SB-22
789SB-22-1416_0722

Parameter	Result (µg/kg)
2-Butanone	151 J

789SB-22-2022_0722

Parameter	Result (µg/kg)
2-Butanone	52.6 J

WL-789MW-254
789SB-254-0810_1022

Parameter	Result (µg/kg)
1,2,4-TMB	1.40 U
1,3,5-TMB	1.40 U
2-Butanone	10.0 U
Benzene	1.40 U
Ethylbenzene	1.40 U
n-Butylbenzene	1.40 U
n-Propylbenzene	1.40 U
sec-Butylbenzene	1.40 U
Toluene	10.0 U
Xylenes, Total	4.20 U

789SB-254-1618_1022

Parameter	Result (µg/kg)
1,2,4-TMB	134,000 J
1,3,5-TMB	36,600 J
2-Butanone	178,000 J
Benzene	8,110
Ethylbenzene	30,700 J
n-Butylbenzene	14,800 J
n-Propylbenzene	21,300 J
sec-Butylbenzene	11,100 J
Toluene	86,600 J
Xylenes, Total	162,000 J

WL-789MW-256
789SB-256-0608_1022

Parameter	Result (µg/kg)
1,2,4-TMB	1.60 X
2-Butanone	12.0 X
Xylenes, Total	4.70 X

789SB-256-2224_1022

Parameter	Result (µg/kg)
1,2,4-TMB	24,700 J
2-Butanone	43,600 J
Xylenes, Total	425 J

789SB-25
789SB-25-2022_0722

Parameter	Result (µg/kg)
1,2,4-TMB	153,000 J
1,3,5-TMB	34,700 J
2-Butanone	166,000 J
Benzene	390 X
Ethylbenzene	12,400 J
n-Butylbenzene	18,400 J
n-Propylbenzene	17,800 J
sec-Butylbenzene	12,500 J
Xylenes, Total	51,700 J

789SB-25-4850_0722

Parameter	Result (µg/kg)
1,2,4-TMB	754 J
1,3,5-TMB	168 J
2-Butanone	1,250 J
Benzene	220 J
Ethylbenzene	123 J
n-Butylbenzene	65.4 J
n-Propylbenzene	148 J
sec-Butylbenzene	55.4 J
Xylenes, Total	3,070 J

WL-789MW-257
789SB-257-3436_1022

Parameter	Result (µg/kg)
Acetone	150 X

789SB-257-4042_1022

Parameter	Result (µg/kg)
Acetone	90.8 J

Note:
Only common detected analytes are shown.
All monitoring well locations are not shown.

Notes:

µg/kg - micrograms per kilogram

NYCRR - New York Codes, Rules and Regulations

TMB - Trimethylbenzene

J - Estimated value

U - not detected

X - result may require rejection; applied due to initial calibration and holding time exceedances

Bold analtyical results indicate detection

Red analytical results exceed NYCRR Table 375-6.8(a): Unresticted Soil Cleanup Objectives

Legend:
- Monitoring Well Location
- Temporary Well Location 789WG-16 was replaced with Permanant Monitoring Well 789MW-257.
- Soil Boring Location
- Temporary Monitroing Well Location
- Approximate Excavation Boundary (7/2/2001 to 11/29/2001)
- Approximate Former Creek Bed Path
- Approximate Storm Drain Location
- Installation Restoration Program (IRP) Area
- 5657 Building Number
- 0781 Demolished Building Location
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)

0 75 150 300 Feet

Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community

Free Product Assessment and Data Gap Investigation
Site SS067
Former Griffiss Air Force Base, Rome, New York

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DATE: 4/12/2023
SCALE: As Shown
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Site SS067 Supplemental Investigation
Groundwater VOC Results

Figure 2

Parameter	NYSDEC TOGS (1.1.1) (µg/L)
1,2,4-TMB	5
1,3,5-TMB	5
2-Butanone	50
Acetone	50
Benzene	1
Cumene	5
Ethylbenzene	5
m,p-Xylene	5
Naphthalene	10
n-Butylbenzene	5
n-Propylbenzene	5
o-Xylene	5
p-Cymene	5
sec-Butylbenzene	5
Toluene	5

WL-789MW-256	
789MW256_1022	
Parameter	**Result (µg/L)**
1,2,4-TMB	89.4
1,3,5-TMB	46.8
2-Butanone	125
Acetone	20.0 U
Benzene	0.500 U
Cumene	6.3
Ethylbenzene	**4.1**
m,p-Xylene	6.9
Naphthalene	16.9
n-Butylbenzene	11
n-Propylbenzene	13.4
o-Xylene	**0.600 J**
p-Cymene	11.8
sec-Butylbenzene	13.3
Toluene	0.500 U
789MW256_1022-A	
Parameter	**Result (µg/L)**
1,2,4-TMB	27.5
1,3,5-TMB	23.3
2-Butanone	93.1
Acetone	20.0 U
Benzene	0.500 U
Cumene	**2.3**
Ethylbenzene	**1.4**
m,p-Xylene	**2.5**
Naphthalene	**4.50 J**
n-Butylbenzene	**4.5**
n-Propylbenzene	**4.8**
o-Xylene	**0.290 J**
p-Cymene	5.7
sec-Butylbenzene	6.5
Toluene	0.500 U

WL-789MW-253	
789MW253_1022	
Parameter	**Result (µg/L)**
1,2,4-TMB	627
1,3,5-TMB	143
2-Butanone	70.0 U
Acetone	400 U
Benzene	10.0 U
Cumene	44.6
Ethylbenzene	363
m,p-Xylene	1,140
Naphthalene	447
n-Butylbenzene	27.5
n-Propylbenzene	95.6
o-Xylene	690
p-Cymene	20.7
sec-Butylbenzene	29.9
Toluene	445

WL-789MW-255	
789MW255_1022	
Parameter	**Result (µg/L)**
1,2,4-TMB	16.4
1,3,5-TMB	6.2
2-Butanone	**33.7**
Acetone	20.0 U
Benzene	0.500 U
Cumene	**1**
Ethylbenzene	0.500 U
m,p-Xylene	**1.20 J**
Naphthalene	2.00 U
n-Butylbenzene	**4.2**
n-Propylbenzene	**3.9**
o-Xylene	0.500 U
p-Cymene	**2.3**
sec-Butylbenzene	**3.2**
Toluene	**0.390 J**

789SB-18	
789WG-18_0722	
Parameter	**Result (µg/L)**
1,2,4-TMB	8
1,3,5-TMB	**0.740 J**
2-Butanone	3.50 X
Acetone	20.0 UJ
Benzene	11.6
Cumene	**3.2**
Ethylbenzene	0.500 U
m,p-Xylene	13.9
Naphthalene	2.00 UJ
n-Butylbenzene	0.500 UJ
n-Propylbenzene	**0.670 J**
o-Xylene	**0.420 J**
p-Cymene	0.500 U
sec-Butylbenzene	**0.450 J**
Toluene	**0.320 J**
789WG-18_0722-A	
Parameter	**Result (µg/L)**
1,2,4-TMB	**6.60 J**
1,3,5-TMB	**0.690 J**
2-Butanone	**10.8 J**
Acetone	20.0 UJ
Benzene	**11.5 J**
Cumene	**3.10 J**
Ethylbenzene	0.500 UJ
m,p-Xylene	**13.3 J**
Naphthalene	2.00 UJ
n-Butylbenzene	0.500 UJ
n-Propylbenzene	**0.610 J**
o-Xylene	**0.380 J**
p-Cymene	0.500 UJ
sec-Butylbenzene	**0.440 J**
Toluene	**0.490 J**

WL-789MW-257	
789MW257_1022	
Parameter	**Result (µg/L)**
1,2,4-TMB	0.500 U
1,3,5-TMB	0.500 UJ
2-Butanone	**16.1 J**
Acetone	**134 J**
Benzene	0.500 U
Cumene	0.500 U
Ethylbenzene	0.500 U
m,p-Xylene	1.00 U
Naphthalene	2.00 UJ
n-Butylbenzene	0.500 U
n-Propylbenzene	0.500 UJ
o-Xylene	0.500 U
p-Cymene	0.500 U
sec-Butylbenzene	0.500 UJ
Toluene	0.500 U

Note:
Only common detected analytes are shown.
All monitoring well locations are not shown.

Notes:

µg/L - micrograms per liter

NYSDEC - New York State Department of Environmental Conservation

TOGS - Technical and Operational Guidance Series

J - Estimated value

U - not detected

X - result may require rejection; applied due to initial calibration and holding time exceedances

Bold analtyical results indicate detection

Red analytical results exceed NYSDEC, Division of Water Technical and Operational Guidance Series (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values

0 75 150 300 Feet

Legend:

- Monitoring Well Location
- Temporary Well Location 789WG-16 was replaced with Permanant Monitoring Well 789MW-257.
- Soil Boring Location
- Temporary Monitroing Well Location
- Approximate Excavation Boundary (7/2/2001 to 11/29/2001)
- Approximate Former Creek Bed Path
- Approximate Storm Drain Location
- Installation Restoration Program (IRP) Area
- 5657 Building Number
- 0781 Demolished Building Location
- Horizontal Well Screen (Below Ground)
- Horizontal Well Piping (Aboveground)
- Horizontal Well Piping (Below Ground)

Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community

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APPENDIX B
HISTORICAL ANALYTICAL SUMMARY TABLES AND FREE PRODUCT GAUGING AND BAILING TABLES

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Appendix B-1
SS067 (Building 789) Free Product Gauging and Bailing Table (2019-2025)

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Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	3/20/2019	3/21/2019	3/24/2019	3/26/2019		4/5/2019	10/5/2019	11/9/2019
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	Not detected - bubbling	Not measured	Not measured	Not detected	Not detected	0.46	1.55	0.71
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		4.68	0.17	0.18	Not measured	Not measured	0.26	4.92	3.49
789RW-202	6	7.42	1	0.75	1.20	0.55	2.46	4.23	1.26
789RW-205	6	0.54	0.54	0.18	Not measured	Not measured	0.09	0.46	0.32
789RW-211	6	---	---	---	---	---	---	Not detected	0.14
789RW-219	4	5.12	2.33	1.28	2.37	0.52	2.61	3.22	2.70
789RW-220	4	---	---	---	---	---	---	Not detected	Not detected
789RW-221	4	---	---	---	---	---	---	0.01	0.01
789MW-252	2	Not measured	Not measured	Not measured	1.83	0.18	0.21	2.75	1.37
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed, Treated with Ivey-sol®	Gauged, Bailed, Treated with Ivey-sol®	Gauged (post Ivey-sol®)	Gauged, Bailed	Gauged	Gauged	Gauged, Removed skimmers, Bailed	Gauged, Bailed
Free product volume recovered (gallons)	---	Not measured	Not measured	Not applicable	Not measured	Not applicable	Not applicable	20	13
Bailed after gauging	---	yes	yes	no	yes	no	no	yes	yes
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
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Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	12/17/2019		1/17/2020		2/20/2020		3/16/2020	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.34	Not measured	0.37	Not measured	0.35	Not measured	0.39	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		4.32	0.75	3.98	0.29	3.69	0.56	3.07	0.42
789RW-202	6	1.06	0.43	0.83	0.15	0.66	0.37	0.69	0.31
789RW-205	6	0.23	Not measured	0.38	Not measured	0.41	Not measured	0.36	Not measured
789RW-211	6	0.03	Not measured	0.15	Not measured	0.14	Not measured	0.15	Not measured
789RW-219	4	2.56	0.55	2.20	0.17	2.30	0.32	2.01	0.45
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not measured	Not measured
789RW-221	4	Not detected	Not measured	Not detected	Not measured	0.10	Not measured	0.12	Not measured
789MW-252	2	1.71	0.58	1.86	0.22	2.41	0.32	1.69	0.45
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	13		9.9		8.3		7.5	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

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Free Product Gauging and Bailing (2019-2024)
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Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	4/17/2020		5/19/2020		6/18/2020		7/16/2020	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.42	Not measured	0.4	Not measured	0.38	Not measured	0.41	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		3.97	0.51	3.11	0.24	2.31	0.47	1.02	0.18
789RW-202	6	0.70	0.33	0.76	0.41	0.82	0.48	1.03	0.45
789RW-205	6	0.44	Not measured	0.49	Not measured	0.5	Not measured	0.67	0.39
789RW-211	6	0.10	Not measured	0.27	Not measured	0.11	Not measured	0.13	Not measured
789RW-219	4	2.22	0.37	2.47	0.45	2.79	0.35	3.30	0.31
789RW-220	4	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-221	4	0.10	Not measured	0.11	Not measured	Not measured	Not measured	Not measured	Not measured
789MW-252	2	2.12	0.52	2.60	0.43	2.84	0.41	3.34	0.98
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	9		8		7.35		5.3	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
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Free Product Gauging and Bailing (2019-2024)
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Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	8/17/2020		9/21/2020		10/19/2020		11/20/2020	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.10	Not measured	0.43	Not measured	0.42	Not measured	0.40	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		0.06 inner casing/ 0.24 outer casing	0.03 inner casing/ Not measured outer casing	0.04 inner casing/ 0.28 outer casing	Not measured	0.26	Not measured	0.25	Not measured
789RW-202	6	1.04	0.28	1.09	0.34	1.15	0.43	1.48	0.36
789RW-205	6	0.39	Not measured	0.51	Not measured	0.47	Not measured	0.38	Not measured
789RW-211	6	0.08	Not measured	0.10	Not measured	0.10	Not measured	0.07	Not measured
789RW-219	4	3.13	0.25	3.25	0.39	2.95 inner casing/ 2.15 outer casing	0.43 inner casing/ 1.55 outer casing	2.64 inner casing/ 2.01 outer casing	0.36 inner casing/ 0.66 outer casing
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	0.09	Not measured	0.01	Not measured	0.08	Not measured	Not detected	Not measured
789MW-252	2	2.85	0.59	2.89	0.55	1.23	0.61	0.99	0.65
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	4.5		5.5		3		3.25	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	12/18/2020		1/19/2021		3/17/2021		4/19/2021	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.53	Not measured	0.73	0.39	1.01	0.46	1.04	0.34
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		0.34	Not measured	0.27	Not measured	0.22	Not measured	0.21	Not measured
789RW-202	6	1.54	0.45	1.72	0.47	2.54	0.41	1.98	0.46
789RW-205	6	0.48	Not measured	0.42	Not measured	0.47	Not measured	0.54	Not measured
789RW-211	6	0.08	Not measured	0.02	Not measured	0.07	Not measured	0.07	Not measured
789RW-219	4	2.44 inner casing/ 1.67 outer casing	0.28 inner casing/ 1.38 outer casing	1.88 inner casing/ 1.88 outer casing	0.28 inner casing/ 1.10 outer casing	2.35 inner casing/ 1.70 outer casing	0.54 inner casing/ 1.06 outer casing	2.79 inner casing/ 2.04 outer casing	0.39 inner casing/ 0.96 outer casing
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	0.04	Not measured	0.10	Not measured	0.10	Not measured	0.10	Not measured
789MW-252	2	0.87	0.52	1.06	0.45	1.19	0.48	1.03	0.23
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	3.75		3.85		6.25		4.75	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
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Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	5/17/2021		6/8/2021		7/7/2021		8/23/2021	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.83	0.30	0.64	0.30	0.71	0.25	0.44	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		0.20	Not measured	0.21	Not measured	0.17	Not measured	0.14	Not measured
789RW-202	6	2.03	0.49	1.99	0.43	2.72	0.46	1.93	0.48
789RW-205	6	0.56	Not measured	0.58	0.41	0.38	Not measured	0.32	Not measured
789RW-211	6	0.05	Not measured	0.05	Not measured	0.01	Not measured	0.02	Not measured
789RW-219	4	2.50 inner casing/ >2.08 outer casing	0.30 inner casing/ 1.16 outer casing	0.37 inner casing/ 2.56 outer casing	0.32 inner casing/ 0.83 outer casing	0.34 inner casing/ 2.40 outer casing	0.33 inner casing/ 0.81 outer casing	0.31 inner casing/ 1.39 outer casing	Not measured inner casing/ 1.15 outer casing
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	0.10	Not measured	Not detected	Not measured	0.10	Not measured	0.02	Not measured
789MW-252	2	0.98	0.23	1.02	0.32	1.42	0.56	0.83	0.40
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	4.5		2.5		6		2.75	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

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Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	9/21/2021		10/22/2021		11/15/2021	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.53	Not measured	0.51	Not measured	0.55	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		0.22	Not measured	0.21	Not measured	0.50	Not measured
789RW-202	6	0.76	0.53	0.93	0.44	0.60	0.40
789RW-205	6	0.33	Not measured	0.32	Not measured	0.30	Not measured
789RW-211	6	0.01	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-219	4	0.32 inner casing/ 2.29 outer casing	Not measured inner casing/ 0.60 outer casing	0.29 inner casing/ 1.70 outer casing	Not measured inner casing/ 0.72 outer casing	0.30 inner casing/ 1.53 outer casing	Not measured inner casing/ 0.75 outer casing
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	0.08	Not measured	0.10	Not measured	Not detected	Not measured
789MW-252	2	0.79	0.29	0.64	0.12	0.22	Not measured
789MW-253	2	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	2.25		1.65		1.25	
Bailed after gauging	---	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206						

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
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Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	12/14/2021		1/14/2022		2/17/2022	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.38	Not measured	0.53	Not measured	0.44	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-200		0.90	0.48	1.05	Not measured	1	0.31
789RW-202	6	0.65	0.32	0.72	Not measured	1.05	0.3
789RW-205	6	0.35	Not measured	0.35	Not measured	0.3	Not measured
789RW-211	6	Not detected	Not measured	Not detected	Not measured	0.02	Not measured
789RW-219	4	1.46	Not measured inner casing/ 0.44 outer casing	1.60	0.29	2.34	0.25
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	0.04	Not measured	Not detected	Not measured	Not detected	Not measured
789MW-252	2	0.19	Not measured	0.39	Not measured	0.66	0.06
789MW-253	2	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	2.5		0.19		3.57	
Bailed after gauging	---	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206						

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	3/24/2022		4/18/2022		5/23/2022		6/22/2022	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.4	Not measured	0.47	Not measured	0.45	Not measured	0.46	Not measured
789MW-102	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	0.02	Not measured
789RW-200		0.34	Not measured	0.62	0.36	1.55	0.27	0.45	Not measured
789RW-202	6	0.71	0.27	0.36	Not measured	0.44	Not measured	0.61	0.29
789RW-205	6	0.21	Not measured	0.23	Not measured	0.25	Not measured	0.25	Not measured
789RW-211	6	0.02	Not measured	0.02	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-219	4	1.58	0.15	1.38	0.24	1.93	0.15	2.13	0.21
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789MW-252	2	0.33	Not measured	0.24	Not measured	0.32	Not measured	0.31	Not measured
789MW-253	2	---	---	---	---	---	---	---	---
789MW-254	2	---	---	---	---	---	---	---	---
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	1.58		1.12		3.04		1.72	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	7/22/2022		8/30/2022		9/28/2022		10/24/2022	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.48	Not measured	0.5	0.25	0.35	Not measured	0.42	Not measured
789MW-102	2	0.21	Not measured	0.2	Not measured	Not detected	Not measured	0.57	0
789RW-200		0.55	0.34	0.36	Not measured	0.47	Not measured	0.42	Not measured
789RW-202	6	0.51	0.32	1.34	0.33	1.68	0.39	1.66	0.39
789RW-205	6	0.29	Not measured	Not measured	Not measured	0.39	Not measured	0.36	Not measured
789RW-211	6	Not detected	Not measured	0.01	Not measured	0.01	Not measured	Not detected	Not measured
789RW-219	4	1.60	0.2	2.88	0.25	2.96	0.25	2.82	0.27
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789MW-252	2	0.69	0.09	1.21	0.2	0.87	0.09	0.54	0.09
789MW-253	2	---	---	---	---	---	---	Not measured	Not measured
789MW-254	2	---	---	---	---	---	---	Not measured	Not measured
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	1.6		3.52		3.79		3.97	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	11/18/2022		12/8/2022		2/24/2023		3/28/2023	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.65	0.25	0.59	0.2	0.3	Not measured	0.28	Not measured
789MW-102	2	Not detected	Not measured	0.32	Not measured	Not measured	Not measured	0.54	Not measured
789RW-200		0.42	Not measured	0.43	Not measured	0.38	Not measured	0.46	Not measured
789RW-202	6	1.6	0.36	1.3	0.29	0.84	0.25	0.63	0.30
789RW-205	6	0.4	Not measured	0.45	Not measured	0.3	Not measured	0.18	Not measured
789RW-211	6	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-219	4	2.80	0.1	2.59	0.03	0.86	0.18	1.04	0.09
789RW-220	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789RW-221	4	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured	Not detected	Not measured
789MW-252	2	0.28	Not measured	0.64	0.16	Not measured	Not measured	1.04	0.12
789MW-253	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789MW-254	2	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	3.84		3.48		1.31		1.25	
Bailed after gauging	---	yes	no	yes	no	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206								

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	6/19/2023	9/5/2023	10/19/2023	11/16/2023		3/12/2024	6/21/2024
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.25	0	0	0.1	Not measured	1.62	1.35
789MW-102	2	0.83	0.64	1.24	Not measured	Not measured	1.30	1.33
789RW-200		2.86	2.74	2.72	2.5	Not measured	1.25	1.69
789RW-202	6	0.52	1.55	2.61	3.85	Not measured	3.60	2.21
789RW-205	6	0.15	0	0	Not detected	Not measured	0.75	0.15
789RW-211	6	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-219	4	2.52	2.65	0.00	3.00	Not measured	Not measured	2.3
789RW-220	4	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured	Not measured
789RW-221	4	Not measured	Not measured	Not measured	Not detected	Not measured	Not measured	Not measured
789MW-252	2	0.43	0.93	0	0.5	Not measured	2.31	1.81
789MW-253	2	0.5	1	0.8	0.5	Not measured	0.65	0.58
789MW-254	2	1.51	4.32	0.92	4.15	Not measured	0.03	0
Treatment / action	---	Gauged	Gauged	Gauged	Gauged, Bailed	--	Gauged	Gauged
Free product volume recovered (gallons)	---	--	--	--	12			
Bailed after gauging	---	no	no	no	yes	no	no	no
Approximate cumulative free product volume recovered (gallons) through 2024	206							

Notes:
Ivey-sol® Treated wells

Appendix B-1 SS067 (Building 789)
Free Product Gauging and Bailing (2019-2024)
2025 Annual Monitoring Report for Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Location Identification and Free Product Gauging/Recovery Details	Casing Diameter (inches)	10/21/2024		12/17/2024	
		Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)	Free Product Thickness (feet)
789MW-96	4	0.14	Not measured	1.28	0.64
789MW-102	2	0.00	Not measured	1.84	0.30
789RW-200		1.68	0.6	0.75	0.4
789RW-202	6	2.90	0.91	3.03	0.44
789RW-205	6	0	Not measured	0.22	Not measured
789RW-211	6	Not measured	Not measured	Not measured	Not measured
789RW-219	4	2.11	0.74	2.86	0.54
789RW-220	4	Not measured	Not measured	Not measured	Not measured
789RW-221	4	Not measured	Not measured	Not measured	Not measured
789MW-252	2	1.45	0.36	2.39	0.22
789MW-253	2	0	Not measured	1.22	0.4
789MW-254	2	3.66	0.38	2.61	0.26
Treatment / action	---	Gauged, Bailed	Gauged	Gauged, Bailed	Gauged
Free product volume recovered (gallons)	---	9.5		27	
Bailed after gauging	---	yes	no	yes	no
Approximate cumulative free product volume recovered (gallons) through 2024	206				

Notes:
Ivey-sol® Treated wells

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Appendix B-2
Analytical Summary Tables, Site SS067 Select Historical Groundwater Sampling Results (2022)

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Appendix B-2 SS067 (Building 789) - 789MW-46R
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		789MW-46R	
Field Sample ID:		WL-789MW-46R-0822	WL-789MW-46R-1022
Sample Date:		8/31/2022	10/25/2022
Sample Type:		Normal	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 U
Acetone	50	**32.4**	**21.0 J**
Benzene	1	**0.470 J**	0.500 U
Bromobenzene	5	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U
Ethylbenzene	5	**0.370 J**	**0.370 J**
Hexachlorobutadiene	0.5	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 U
o-Xylene	5	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U
Toluene	5	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-83
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		789MW-83				
Field Sample ID:		789MW-83_0322	WL-789MW-83-0622	WL-789MW-83-0822	WL-789MW-83-1022	WL-789MW-83-1022-A
Sample Date:		3/24/2022	6/22/2022	8/31/2022	10/25/2022	10/25/2022
Sample Type:		Normal	Normal	Normal	Normal	Field Duplicate
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)	2022 Quarter 2 (µg/L)	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)	
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 UJ	3.50 U	3.50 U	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
Acetone	50	20.0 U	20.0 UJ	20.0 U	20.0 U	20.0 U
Benzene	1	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Bromobenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 UJ	4.00 U	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
Ethylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Hexachlorobutadiene	0.5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 UJ	4.00 U	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 UJ	2.00 U	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
o-Xylene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Toluene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 UJ	1.00 U	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 UJ	5.00 U	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 UJ	0.500 U	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 UJ	1.50 U	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection

UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria

µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-95
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		**789MW-95**	
Field Sample ID:		**WL-789MW-95-0822**	**WL-789MW-95-1022**
Sample Date:		**8/31/2022**	**10/25/2022**
Sample Type:		**Normal**	**Normal**
Analyte	**NYSDEC AWQ S/GV**	**2022 Quarter 3 (µg/L)**	**2022 Quarter 4 (µg/L)**
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 U
Acetone	50	20.0 U	20.0 U
Benzene	1	0.500 U	0.500 U
Bromobenzene	5	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U
Ethylbenzene	5	0.500 U	0.500 U
Hexachlorobutadiene	0.5	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 U
o-Xylene	5	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U
Toluene	5	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-98
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		789MW-98			
Field Sample ID:		789MW-98_0322	WL-789MW-98-0622	WL-789MW-98-0822	WL-789MW-98-1022
Sample Date:		3/24/2022	6/22/2022	8/30/2022	10/24/2022
Sample Type:		Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)	2022 Quarter 2 (µg/L)	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	5.00 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U	0.500 U	5.00 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	5.00 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U	0.500 U	5.00 U
1,1-Dichloroethane	5	0.500 U	0.500 U	0.500 U	5.00 U
1,1-Dichloroethene	5	0.500 U	0.500 U	0.500 U	5.00 U
1,1-Dichloropropene	5	0.500 U	0.500 U	0.500 U	5.00 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	10.0 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U	1.00 U	10.0 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	10.0 U
1,2,4-Trimethylbenzene	5	**220 J**	**91.4**	**88.9**	**316**
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U	2.00 U	20.0 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U	1.00 U	10.0 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	5.00 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U	0.500 U	5.00 U
1,2-Dichloroethene	NC	1.00 U	1.00 U	1.00 U	10.0 U
1,2-Dichloropropane	1	0.500 U	0.500 U	0.500 U	5.00 U
1,3,5-Trimethylbenzene	5	**89.3**	**33.3**	**31.9**	**91**
1,3-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	5.00 U
1,3-Dichloropropane	5	0.500 U	0.500 U	0.500 U	5.00 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	5.00 U
2,2-Dichloropropane	5	0.500 U	0.500 U	0.500 U	5.00 U
2-Butanone	50	3.50 U	**115**	**2.10 J**	**182**
2-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	5.00 U
2-Hexanone	50	**2.30 J**	5.00 U	5.00 U	50.0 U
4-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	5.00 U
4-Methyl-2-pentanone	NC	**4.10 J**	2.00 U	**5**	20.0 U
Acetone	50	**244**	20.0 U	**112**	**549**
Benzene	1	**33**	**22.8**	**48.1**	**79.1**
Bromobenzene	5	0.500 U	0.500 U	0.500 U	5.00 U
Bromochloromethane	5	0.500 U	0.500 U	0.500 U	5.00 U
Bromodichloromethane	50	0.500 U	0.500 U	0.500 U	5.00 U
Bromoform	50	0.500 U	0.500 U	0.500 U	5.00 U
Bromomethane	5	4.00 U	4.00 U	4.00 U	40.0 U
Carbon disulfide	60	1.00 U	**0.570 J**	**0.710 J**	10.0 U
Carbon Tetrachloride	5	0.500 U	0.500 U	0.500 U	5.00 U
Chlorobenzene	5	0.500 U	0.500 U	0.500 U	5.00 U
Chloroethane	5	1.00 U	1.00 U	1.00 U	10.0 U
Chloroform	7	0.500 U	0.500 U	0.500 U	5.00 U
Chloromethane	5	1.00 U	1.00 U	1.00 U	10.0 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	5.00 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	5.00 U
Isopropylbenzene	5	**14.7**	**3.1**	**4.6**	**16.7**
Dibromochloromethane	50	0.500 U	0.500 U	0.500 U	5.00 U
Dibromomethane	5	0.500 U	0.500 U	0.500 U	5.00 U
Dichlorodifluoromethane	5	1.00 U	1.00 U	1.00 U	10.0 U
Ethylbenzene	5	**56**	**9.1**	**16.5**	**63.6**
Hexachlorobutadiene	0.5	1.00 U	1.00 U	1.00 U	10.0 U
m,p-Xylene	5	**251 J**	**53.9**	**84.6**	**282**
Methyl tert-butyl ether	NC	0.500 U	0.500 U	0.500 U	5.00 U
Methylene chloride	5	4.00 U	4.00 U	4.00 U	40.0 U
Naphthalene	10	**54.1**	**10.4**	**18.1**	**59.6**
n-Butylbenzene	5	**19**	**6**	**6.4**	**12.3**
n-Propylbenzene	5	**34.3**	**7.7**	**10.1**	**37.4**
o-Xylene	5	**10.2 J**	**8.3**	**7.9**	**9.90 J**
p-Isopropyltoluene	5	**10.9**	**5.7**	**4.7**	**9.70 J**
sec-Butylbenzene	5	**11**	0.500 U	**3.8**	**12.8**
Styrene	5	0.500 U	0.500 U	0.500 U	5.00 U
tert-Butylbenzene	5	**2**	0.500 U	**0.820 J**	5.00 U
Tetrachloroethene	5	0.500 U	0.500 U	0.500 U	5.00 U
Toluene	5	1.30 U	1.30 U	2.20 U	**3.20 J**
trans-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	5.00 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	5.00 U
Trichloroethene	5	0.500 U	0.500 U	0.500 U	5.00 U
Trichlorofluoromethane	5	1.00 U	1.00 U	1.00 U	10.0 U
Vinyl acetate	NC	5.00 U	**3.00 J**	5.00 U	250 U
Vinyl chloride	2	0.500 U	0.500 U	0.500 U	5.00 U
Xylenes, Total	NC	**261 J**	**62.2**	**92.5**	**292**

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-99
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		WL-789MW-99					
Field Sample ID:		789MW-99_0322	789MW-99_0322-A	WL-789MW-99-0622	WL-789MW-99-0622-A	WL-789MW-99-0822	WL-789MW-99-1022
Sample Date:		3/25/2022	3/25/2022	6/22/2022	6/22/2022	8/30/2022	10/25/2022
Sample Type:		Normal	Field Duplicate	Normal	Field Duplicate	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)		2022 Quarter 2 (µg/L)		2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	**0.450 J**	0.500 U	**0.450 J**	0.500 U	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	**0.280 J**	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 U	**26.3 J**	3.50 U	**2.10 J**	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
Acetone	50	**67.5**	**66.1**	20.0 U	20.0 U	**44.2**	**56**
Benzene	1	**2.3**	**2.3**	**1.8**	**1.7**	**1.6**	0.500 U
Bromobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U	4.00 U	4.00 U	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Isopropylbenzene	5	**0.680 J**	**0.620 J**	**1.1**	**0.950 J**	**1.1**	**0.790 J**
Dibromochloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene	5	**3.9**	**3.8**	**5**	**4.7**	**2.8**	**1.4**
Hexachlorobutadiene	0.5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 U	**0.610 J**	1.00 U	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U	4.00 U	4.00 U	4.00 U	4.00 U
Naphthalene	10	**2.50 J**	**2.30 J**	**3.60 J**	**3.70 J**	**4.20 J**	**2.40 J**
n-Butylbenzene	5	**0.390 J**	**0.360 J**	0.500 U	0.500 U	**0.480 J**	0.500 U
n-Propylbenzene	5	**0.720 J**	**0.680 J**	**1**	**0.930 J**	**1.1**	**0.830 J**
o-Xylene	5	**0.300 J**	**0.330 J**	**0.380 J**	**0.310 J**	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	**0.210 J**	0.500 U
sec-Butylbenzene	5	**0.910 J**	**0.840 J**	**1.1**	**0.990 J**	**1**	**0.750 J**
Styrene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Toluene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	**0.350 J**
trans-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 U	**0.990 J**	**0.770 J**	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-102
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		**WL-789MW-102**	
Field Sample ID:		**WL-789MW-102-0822**	**WL-789MW-102-1022**
Sample Date:		**8/30/2022**	**10/24/2022**
Sample Type:		**Normal**	**Normal**
Analyte	**NYSDEC AWQ S/GV**	**2022 Quarter 3 (µg/L)**	**2022 Quarter 4 (µg/L)**
1,1,1,2-Tetrachloroethane	5	2.50 U	10.0 U
1,1,1-Trichloroethane	5	2.50 U	10.0 U
1,1,2,2-Tetrachloroethane	5	2.50 U	10.0 U
1,1,2-Trichloroethane	1	2.50 U	10.0 U
1,1-Dichloroethane	5	2.50 U	10.0 U
1,1-Dichloroethene	5	2.50 U	10.0 U
1,1-Dichloropropene	5	2.50 U	10.0 U
1,2,3-Trichlorobenzene	5	5.00 U	20.0 U
1,2,3-Trichloropropane	0.04	5.00 U	20.0 U
1,2,4-Trichlorobenzene	5	5.00 U	20.0 U
1,2,4-Trimethylbenzene	5	**337**	**566**
1,2-Dibromo-3-chloropropane	0.04	10.0 U	40.0 U
1,2-Dibromoethane	0.0006	5.00 U	20.0 U
1,2-Dichlorobenzene	3	2.50 U	10.0 U
1,2-Dichloroethane	0.6	2.50 U	10.0 U
1,2-Dichloroethene	NC	5.00 U	20.0 U
1,2-Dichloropropane	1	2.50 U	10.0 U
1,3,5-Trimethylbenzene	5	**85.3**	**157**
1,3-Dichlorobenzene	3	2.50 U	10.0 U
1,3-Dichloropropane	5	2.50 U	10.0 U
1,4-Dichlorobenzene	3	2.50 U	10.0 U
2,2-Dichloropropane	5	2.50 U	10.0 U
2-Butanone	50	18.0 U	70.0 U
2-Chlorotoluene	5	2.50 U	10.0 U
2-Hexanone	50	25.0 U	100 U
4-Chlorotoluene	5	2.50 U	10.0 UJ
4-Methyl-2-pentanone	NC	10.0 U	40.0 U
Acetone	50	**178**	400 U
Benzene	1	**79.7**	**135**
Bromobenzene	5	2.50 U	10.0 U
Bromochloromethane	5	2.50 U	10.0 U
Bromodichloromethane	50	2.50 U	10.0 U
Bromoform	50	2.50 U	10.0 U
Bromomethane	5	20.0 U	80.0 U
Carbon disulfide	60	5.00 U	20.0 U
Carbon Tetrachloride	5	2.50 U	10.0 U
Chlorobenzene	5	2.50 U	10.0 U
Chloroethane	5	5.00 U	10.0 UJ
Chloroform	7	2.50 U	10.0 U
Chloromethane	5	**5.00 J**	20.0 U
cis-1,2-Dichloroethene	5	2.50 U	10.0 U
cis-1,3-Dichloropropene	0.4	2.50 U	10.0 U
Isopropylbenzene	5	**21.9**	**28.7**
Dibromochloromethane	50	2.50 U	10.0 U
Dibromomethane	5	2.50 U	10.0 U
Dichlorodifluoromethane	5	5.00 U	20.0 U
Ethylbenzene	5	**142**	**219**
Hexachlorobutadiene	0.5	5.00 U	20.0 U
m,p-Xylene	5	**539**	**594**
Methyl tert-butyl ether	NC	2.50 U	10.0 U
Methylene chloride	5	**10.9 J**	80.0 U
Naphthalene	10	**142**	**208**
n-Butylbenzene	5	**13.3**	**17.2 J**
n-Propylbenzene	5	**42.4**	**64.1**
o-Xylene	5	**10.2**	**21.2**
p-Isopropyltoluene	5	**8.1**	**16.3 J**
sec-Butylbenzene	5	**9.4**	**19.1 J**
Styrene	5	2.50 U	10.0 U
tert-Butylbenzene	5	2.50 U	10.0 UJ
Tetrachloroethene	5	2.50 U	10.0 U
Toluene	5	15.9 U	**20.1**
trans-1,2-Dichloroethene	5	2.50 U	10.0 U
trans-1,3-Dichloropropene	0.4	2.50 U	10.0 U
Trichloroethene	5	2.50 U	10.0 U
Trichlorofluoromethane	5	5.00 U	20.0 U
Vinyl acetate	NC	25.0 U	50.0 UJ
Vinyl chloride	2	2.50 U	10.0 U
Xylenes, Total	NC	**550**	**615**

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-135
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		**WL-789MW-135**	
Field Sample ID:		**WL-789MW-135-0822**	**WL-789MW-135-1022**
Sample Date:		**8/31/2022**	**10/25/2022**
Sample Type:		**Normal**	**Normal**
Analyte	**NYSDEC AWQ S/GV**	**2022 Quarter 3 (µg/L)**	**2022 Quarter 4 (µg/L)**
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 U
Acetone	50	20.0 U	20.0 U
Benzene	1	0.500 U	0.500 U
Bromobenzene	5	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U
Ethylbenzene	5	0.500 U	0.500 U
Hexachlorobutadiene	0.5	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 U
o-Xylene	5	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U
Toluene	5	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-216
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		WL-789MW-216				
Field Sample ID:		789MW-216_0322	WL-789MW-216-0622	WL-789MW-216-0822	WL-789MW-216-0822-A	WL-789MW-216-1022
Sample Date:		3/24/2022	6/22/2022	8/31/2022	8/31/2022	10/25/2022
Sample Type:		Normal	Normal	Normal	Field Duplicate	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)	2022 Quarter 2 (µg/L)	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)	
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1,1-Trichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1,2-Trichloroethane	1	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1-Dichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,1-Dichloropropene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
1,2,4-Trimethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	**0.600 J**
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ
1,2-Dibromoethane	0.0006	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
1,2-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,2-Dichloroethane	0.6	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,2-Dichloroethene	NC	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
1,2-Dichloropropane	1	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,3,5-Trimethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,3-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,3-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
1,4-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
2,2-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
2-Butanone	50	3.50 U	3.50 U	3.50 U	3.50 U	3.50 UJ
2-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
2-Hexanone	50	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ
4-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
4-Methyl-2-pentanone	NC	2.00 U	2.00 U	2.00 U	2.00 U	2.00 UJ
Acetone	50	20.0 U	20.0 U	20.0 U	20.0 U	20.0 UJ
Benzene	1	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Bromobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Bromochloromethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Bromodichloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Bromoform	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Bromomethane	5	4.00 U	4.00 U	4.00 U	4.00 U	4.00 UJ
Carbon disulfide	60	1.00 U	**1.20 J**	1.00 U	1.00 U	1.00 UJ
Carbon Tetrachloride	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Chlorobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Chloroethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
Chloroform	7	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Chloromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
cis-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Isopropylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Dibromochloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Dibromomethane	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Dichlorodifluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
Ethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Hexachlorobutadiene	0.5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
m,p-Xylene	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
Methyl tert-butyl ether	NC	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Methylene chloride	5	4.00 U	4.00 U	4.00 U	4.00 U	4.00 UJ
Naphthalene	10	**2.60 J**	**1.10 J**	**1.90 J**	**1.80 J**	2.00 UJ
n-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
n-Propylbenzene	5	**0.310 J**	0.500 U	0.500 U	0.500 U	0.500 UJ
o-Xylene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
p-Isopropyltoluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
sec-Butylbenzene	5	**0.360 J**	0.500 U	**0.400 J**	**0.350 J**	0.500 UJ
Styrene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
tert-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Tetrachloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Toluene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
trans-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Trichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Trichlorofluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U	1.00 UJ
Vinyl acetate	NC	5.00 U	5.00 U	5.00 U	5.00 U	5.00 UJ
Vinyl chloride	2	0.500 U	0.500 U	0.500 U	0.500 U	0.500 UJ
Xylenes, Total	NC	1.50 U	1.50 U	1.50 U	1.50 U	1.50 UJ

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-222
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		WL-789MW-222			
Field Sample ID:		789MW-222_0322	WL-789MW-222-0622	WL-789MW-222-0822	WL-789MW-222-1022
Sample Date:		3/24/2022	6/22/2022	8/31/2022	10/25/2022
Sample Type:		Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)	2022 Quarter 2 (µg/L)	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U
2-Butanone	50	3.50 U	3.50 U	3.50 U	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
2-Hexanone	50	5.00 U	5.00 U	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	2.00 U	2.00 U	2.00 U
Acetone	50	20.0 U	20.0 U	20.0 U	20.0 U
Benzene	1	0.500 U	0.500 U	0.500 U	0.500 U
Bromobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U	1.00 U	1.00 U
Chloroform	7	0.500 U	0.500 U	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U	**0.520 J**	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Hexachlorobutadiene	0.5	1.00 U	1.00 U	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	1.00 U	1.00 U	1.00 U
Methyl tert-butyl ether	NC	0.500 U	0.500 U	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 U	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
o-Xylene	5	0.500 U	0.500 U	0.500 U	0.500 U
p-Isopropyltoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 U	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
Toluene	5	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U	5.00 U	5.00 U
Vinyl chloride	2	0.500 U	0.500 U	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	1.50 U	1.50 U	1.50 U

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-2 SS067 (Building 789) - 789MW-251
Analytical Summary Table - Results (2022)
Griffiss Air Force Base, New York

Location ID:		WL-789MW-251			
Field Sample ID:		789MW-251_0322	WL-789MW-251-0622	WL-789MW-251-0822	WL-789MW-251-1022
Sample Date:		3/24/2022	6/22/2022	8/31/2022	10/24/2022
Sample Type:		Normal	Normal	Normal	Normal
Analyte	NYSDEC AWQ S/GV	2022 Quarter 1 (µg/L)	2022 Quarter 2 (µg/L)	2022 Quarter 3 (µg/L)	2022 Quarter 4 (µg/L)
1,1,1,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,1-Trichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2,2-Tetrachloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1,2-Trichloroethane	1	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,1-Dichloropropene	5	0.500 U	0.500 U	0.500 U	0.500 U
1,2,3-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U
1,2,3-Trichloropropane	0.04	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	5	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trimethylbenzene	5	0.500 U	**1.6**	0.500 U	**1.2**
1,2-Dibromo-3-chloropropane	0.04	2.00 U	2.00 U	2.00 U	2.00 U
1,2-Dibromoethane	0.0006	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethane	0.6	0.500 U	0.500 U	0.500 U	0.500 U
1,2-Dichloroethene	NC	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloropropane	1	0.500 U	0.500 U	0.500 U	0.500 U
1,3,5-Trimethylbenzene	5	0.500 U	**0.600 J**	0.500 U	0.500 U
1,3-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
1,3-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U
1,4-Dichlorobenzene	3	0.500 U	0.500 U	0.500 U	0.500 U
2,2-Dichloropropane	5	0.500 U	0.500 U	0.500 U	0.500 U
2-Butanone	50	3.50 U	**13.1**	**8.6**	3.50 U
2-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
2-Hexanone	50	5.00 U	**4.30 J**	5.00 U	5.00 U
4-Chlorotoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
4-Methyl-2-pentanone	NC	2.00 U	**2.00 J**	2.00 U	2.00 U
Acetone	50	20.0 U	**18.5 J**	**88.2**	20.0 U
Benzene	1	0.500 U	**0.700 J**	**0.860 J**	0.500 U
Bromobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Bromochloromethane	5	0.500 U	0.500 U	0.500 U	0.500 U
Bromodichloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U
Bromoform	50	0.500 U	0.500 U	0.500 U	0.500 U
Bromomethane	5	4.00 U	4.00 U	4.00 U	4.00 U
Carbon disulfide	60	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	5	0.500 U	0.500 U	0.500 U	0.500 U
Chlorobenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Chloroethane	5	1.00 U	1.00 U	1.00 U	1.00 UJ
Chloroform	7	0.500 U	0.500 U	0.500 U	0.500 U
Chloromethane	5	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
cis-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U
Isopropylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Dibromochloromethane	50	0.500 U	0.500 U	0.500 U	0.500 U
Dibromomethane	5	0.500 U	0.500 U	0.500 U	0.500 U
Dichlorodifluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene	5	0.500 U	0.500 U	**0.440 J**	0.500 U
Hexachlorobutadiene	0.5	1.00 U	1.00 U	1.00 U	1.00 U
m,p-Xylene	5	1.00 U	**0.740 J**	**0.920 J**	**2.7**
Methyl tert-butyl ether	NC	0.500 U	0.500 U	0.500 U	0.500 U
Methylene chloride	5	4.00 U	4.00 U	4.00 U	4.00 U
Naphthalene	10	2.00 U	2.00 U	2.00 U	2.00 U
n-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
n-Propylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
o-Xylene	5	0.500 U	**0.440 J**	**0.820 J**	**2.2**
p-Isopropyltoluene	5	0.500 U	0.500 U	0.500 U	0.500 U
sec-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Styrene	5	0.500 U	0.500 U	0.500 U	0.500 U
tert-Butylbenzene	5	0.500 U	0.500 U	0.500 U	0.500 U
Tetrachloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
Toluene	5	1.00 U	0.500 U	0.500 U	0.500 U
trans-1,2-Dichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
trans-1,3-Dichloropropene	0.4	0.500 U	0.500 U	0.500 U	0.500 U
Trichloroethene	5	0.500 U	0.500 U	0.500 U	0.500 U
Trichlorofluoromethane	5	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl acetate	NC	5.00 U	5.00 U	5.00 U	5.00 UJ
Vinyl chloride	2	0.500 U	0.500 U	0.500 U	0.500 U
Xylenes, Total	NC	1.50 U	**1.20 J**	**1.70 J**	**4.9**

Notes:
NC = no criteria
J = estimated value
U = not detected; reported to limit of detection
UJ = The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria
µg/L = micrograms per liter
Bold analytical results indicate detection
Red analytical results exceed NYSDEC AWQ S/GV
NYSDEC AWQ S/GV = New York State Department of Environmental Conservation, Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Table 1 New York State Ambient Water Quality Standards and Guidance Values (June 1998); Addendum to June 1998 Division of Water Technical and Operational Guidance Series (TOGS) No. 1.1.1 (April 2000)

Appendix B-3
Table 3-4 Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)

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Note: Data presented as in Final 2021 Annual Monitoring Report for Petroleum Spill Sites, Former Griffiss Air Force Base (Bhate, June 2023)

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-46R												
Date of Collection		7/10/02	10/3/02	12/11/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/7/05	6/23/05
VOCs														
1,2,4-Trimethylbenzene	5*	240	Free Product 0.26 ft	Free Product 2.39 ft	Free Product	Free Product 1.25 ft	Free Product	Free Product 2.13 ft	Free Product 2.14 ft	Free Product 1.76 ft	Free Product 1.65 ft	Free Product 1.33 ft	Free Product 1.21 ft	Free Product 1.15 ft
1,3,5-Trimethylbenzene	5*	100												
Benzene	1	65												
Ethylbenzene	5*	81												
Isopropylbenzene	5*	22												
tert-Butyl Methyl Ether	10	U												
n-Butylbenzene	5*	U												
n-Propylbenzene	5*	52												
m,p-Xylene (Sum of Isomers)	5*	220												
Naphthalene	10	55												
o-Xylene	5*	66												
p-Isopropyltoluene	5*	13												
sec-Butylbenzene	5*	17												
tert-Butylbenzene	5*	2.2												
Toluene	5*	49												
Total VOCs		982.2												

Sample Location	NYS AWQ S/GV (µg/L)		789MW-46R											
Date of Collection			9/27/05	1/3/06	3/22/06	6/21/06	9/20/06	12/19/06	4/11/07	6/18/07	9/18/07	12/5/07	3/24/08	6/10/08
VOCs														
1,2,4-Trimethylbenzene	5*		Free Product 1.45 ft	Free Product 1.19 ft	Free Product 1.15 ft	68	130	143	549	10.1	36.2	1.87	44.4	17.9
1,3,5-Trimethylbenzene	5*					23	33.7	34.5	159	9.4	6.73	1.2	11.9	3.5 F
Benzene	1					4.9	15.7	16.8	13.3	2.56	4.23	U	12.1	2.7 F
Ethylbenzene	5*					12	101	105	161	4.06	24.4	U	25.3	13
Isopropylbenzene	5*					1.3	6.90 F	9.15	32.8	U	2.62	U	3.25 F	U
tert-Butyl Methyl Ether	10					U	U	U	U	0.49 F	U	U	U	U
n-Butylbenzene	5*					1.9	8.10 F	3.75 F	51.8	U	2.55	5.91	7.05	U
n-Propylbenzene	5*					2.2	15.4	18	82.6	1.03	4.75	0.13 F	7.05	3.1 F
m,p-Xylene (Sum of Isomers)	5*					34	318	302	499	9.06	68.5	U	65.4	35.7
Naphthalene	10					7.6	67.2	5	136	3.04 F	13.2	U	12.1	6 F
o-Xylene	5*					1.6	4.30 F	3.85 F	108	0.7 F	4.53	U	9.4	10.7
p-Isopropyltoluene	5*					6.4	8.10 F	3.15 F	17.2	2	1.43 F	2.69	4.35 F	U
sec-Butylbenzene	5*					2.1	5 F	3.65 F	19.7	1.15	1.20 F	1.35	3.5 F	U
tert-Butylbenzene	5*					0.67	U	U	U	U	U	0.25 F	U	U
Toluene	5*					1.8	11.1	7.7	20.6	0.45 F	2.5	U	4.25 F	U
Total VOCs						167.47	724.5	655.55	1,850.0	44.04	172.84	13.4	210.05	92.6

Sample Location	NYS AWQ S/GV (µg/L)	789MW-46R											
Date of Collection		9/9/08	12/16/08	3/23/09	6/23/09	9/8/09	12/3/09	4/6/10	6/15/10	9/22/10	12/7/10	4/26/11	7/25/11	11/7/11
VOCs														
1,2,4-Trimethylbenzene	5*	0.23 F	0.33 F	18.6	297	202	22.2 ♦	71.8	0.85 F	40.3	71.2 M	Free Product 0.24 ft	Free Product 0.06 ft	Free Product 0.03 ft
1,3,5-Trimethylbenzene	5*	U	0.16 F	3.44	74.8	57.8	5.58 ♦	23.2	0.35 F	10.4	27.1 M			
Benzene	1	0.35 F	3.24	3.44	243	194	7.67 M	4.59	U	5.1	169 M			
Ethylbenzene	5*	0.2 F	1.39	4.72	264	158	11.0 ♦	37	U	21.1	156 M			
Isopropylbenzene	5*	U	0.12 F	1.53	25.4	18.2 F	2.15 ♦	7.22	U	3.6	16.3 M			
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U			
n-Butylbenzene	5*	0.66 F	0.58 F	0.74 F	8.8	6.4 F	0.82 ♦	2.14	0.55 F	1.03 F	3.1			
n-Propylbenzene	5*	U	0.18 F	2.58	46.8	37.8	3.82 ♦	13.2	U	7.55	27.3 M			
m,p-Xylene (Sum of Isomers)	5*	0.33 F	3.05	21	923	485	21.5 ♦	61.8	U	28.7	477 M			
Naphthalene	10	U	U	6.78	21.6	11.4 F	5.29 ♦	19.7	U	8.58	11			
o-Xylene	5*	U	0.29 F	2.89	107	53	2.28 ♦	4.2	U	1.38 F	77.8 M			
p-Isopropyltoluene	5*	0.37 F	0.24 F	0.31 F	6.5	4.2 F	0.59 F♦	1.91	U	0.875 F	2.3 F			
sec-Butylbenzene	5*	0.26 F	U	0.66 F	6.55	6 F	0.88 F♦	2.36	U	1.28 F	3.63			
tert-Butylbenzene	5*	U	U	0.17 F	2 F	U	0.15 F♦	0.410 F	U	U	0.55 F			
Toluene	5*	0.11 F	0.81 F	0.78 F	41	19.4 F	0.81 F	1.04	U	0.4 F	22.8 M			
Total VOCs		2.51	10.39	67.64	2,067.45	1,253.20	84.74	250.57	1.75	130.30	1,065.08			

Sample Location	NYS AWQ S/GV (µg/L)	789MW-46R												
Date of Collection		1/10/12	4/19/12	7/11/12	10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/22/14	7/24/14	10/14/14	3/19/15
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 0.04 ft	Free Product 0.03 ft	Free Product 0.03 ft	Free Product 0.02 ft	Free Product 0.01 ft	34	7.7	58	50 J	110 J	48	73	110
1,3,5-Trimethylbenzene	5*						11	2.5	24	17	35	16	26	47
Benzene	1						3.0	U	3.4	12 J	5	2.0	1.7	2.1
Ethylbenzene	5*						17	2.2	22	31 J	41	19	28	43
Isopropylbenzene	5*						3.4	U	7.0	5.2 J	9.3	4.4	7.8	11
tert-Butyl Methyl Ether	10						U	U	U	U	U	U	U	U
n-Butylbenzene	5*						1.9	U	3.9	3.2 J	4.8	2.4	3.9	5.5
n-Propylbenzene	5*						6.7	1.8	14	UJ	18	9.2	15	21
m,p-Xylene (Sum of Isomers)	5*						36	5.0	47	72	110 J	46	55	91
Naphthalene	10						9.5	3.1	19	15	24	10	17	21
o-Xylene	5*						1.2	U	1.6	2.0 J	3.4	1.5	2	3.5 J
p-Isopropyltoluene	5*						1.2	U	2.5	1.5 J	2.8	1.5	2.6	3
sec-Butylbenzene	5*						U	U	U	2.4	U	2.3	4	U
tert-Butylbenzene	5*						U	U	U	U	U	U	U	U
Toluene	5*						0.67 J	U	2.4	2.4 J	2.3	0.78 J	0.90 J	1.1
Total VOCs							125.57	22.3	204.8	213.7	365.6	163.08	236.9	359.2

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ	789MW-46R											
Date of Collection	S/GV	7/6/15	8/25/15	12/2/15	1/27/16	6/29/16	11/3/2016	3/29/17	6/29/17	3/28/18	7/24/18	9/19/18	4/04/19	8/27/19
VOCs	(µg/L)													
1,2,4-Trimethylbenzene	5*	110	63	110	75	190	150	0.95 J	0.21 J	U	0.18 J	U	0.35 J	U
1,3,5-Trimethylbenzene	5*	45	20	53	46	75	76	U	0.34 J	U	U	U	U	U
Benzene	1	1.6	1.6	3.1	19	6	0.45 J	U	U	0.16 J	U	U	U	U
Ethylbenzene	5*	33	28	33	40	78	54	0.17 J	U	U	U	U	U	U
Isopropylbenzene	5*	11	6.7	8	7.4	15	11	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	5.6	U	U	3.2	U	7	U	U	U	U	U	0.37 J	U
n-Propylbenzene	5*	21	13	14	14	26	21	0.2 J	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	70	53	75	57	280	120	0.46 J	U	U	U	U	0.31 J	U
Naphthalene	10	16	14	20	15	6.7	2.4	U	0.48 J	U	U	U	U	U
o-Xylene	5*	1.8 J	1.4 J	2.1 J	1.3 J	6.5 J	2.9 J	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	6.3	1.7	1.9	1.8	14	5.8	0.25 J	U	U	U	U	U	U
sec-Butylbenzene	5*	5.4	2.9	2.9	3.1	7.0	U	U	0.19 J	U	U	U	0.32 J	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	0.64 J	0.60 J	0.73 J	1.3	1.6 J	0.48 J	U	U	U	U	U	U	U
Total VOCs		327.34	205.9	323.73	284.1	705.8	451.03	2.03	1.22	0.16	0.18	0	1.35	0

Sample Location	NYS AWQ	789MW-46R		
Date of Collection	S/GV	9/29/20	6/29/21	12/01/21
VOCs	(µg/L)			
1,2,4-Trimethylbenzene	5*	U	0.40 U	1.5 U
1,3,5-Trimethylbenzene	5*	U	0.40 U	1.5 U
Benzene	1	0.58 J	**0.43 J**	0.45 U
Ethylbenzene	5*	U	0.40 U	0.75 U
Isopropylbenzene	5*	U	0.40 U	0.75 U
tert-Butyl Methyl Ether	10	U	0.80 U	0.75 U
n-Butylbenzene	5*	U	0.80 U	1.0 U
n-Propylbenzene	5*	U	0.40 U	1.0 U
m,p-Xylene (Sum of Isomers)	5*	0.19 J	0.80 U	0.80 U
Naphthalene	10	U	0.80 U	3.0 U
o-Xylene	5*	U	0.40 U	0.75 U
p-Isopropyltoluene	5*	U	0.40 U	1.5 U
sec-Butylbenzene	5*	U	0.40 U	1.5 U
tert-Butylbenzene	5*	U	0.40 U	1.0 U
Toluene	5*	U	0.40 U	0.75 U
Total VOCs		0.77	0.80 U	0.75 U

Sample Location	NYS AWQ	789MW-83											
Date of Collection	S/GV	10/3/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/7/05	6/23/05	9/27/05	1/3/06
VOCs	(µg/L)													
1,2,4-Trimethylbenzene	5*													
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product
n-Propylbenzene	5*	5.39 ft	6.57 ft	5.71 ft	5.25 ft		4.85 ft	2.91 ft	Recovery Ongoing	Recovery Ongoing	Recovery Ongoing	0.03 ft	0.14 ft	0.01 ft
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQ	789MW-83											
Date of Collection	S/GV	3/22/06	6/21/06	9/20/06	12/19/06	4/11/07	6/18/07	9/18/07	12/5/07	3/24/08	6/10/08	9/9/08	12/16/08	3/23/09
VOCs	(µg/L)													
1,2,4-Trimethylbenzene	5*					382								
1,3,5-Trimethylbenzene	5*					89.8								
Benzene	1					U								
Ethylbenzene	5*					111								
Isopropylbenzene	5*					37.4								
tert-Butyl Methyl Ether	10					U								
n-Butylbenzene	5*	Free Product	Free Product	Free Product	Free Product	38.2	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product	Free Product
n-Propylbenzene	5*	0.03 ft	0.25 ft	0.10 ft	0.06 ft	67.4	0.04 ft	0.10 ft	0.02 ft	0.06 ft	0.01 ft	0.5 ft	0.32 ft	0.06 ft
m,p-Xylene (Sum of Isomers)	5*					331								
Naphthalene	10					109								
o-Xylene	5*					76.6								
p-Isopropyltoluene	5*					20.2								
sec-Butylbenzene	5*					23.7								
tert-Butylbenzene	5*					U								
Toluene	5*					4.6								
Total VOCs						1,290.9								

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-83												
Date of Collection		6/23/09	9/9/09	12/1/09	4/7/10	6/15/10	9/22/10	12/7/10	4/26/11	7/26/11	11/7/11	1/10/12	4/23/12	7/11/12
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 0.01 ft	Free Product 0.03 ft	Free Product 0.23 ft	Free Product 0.9 ft	Free Product 0.55 ft	Free Product 0.37 ft	Free Product 0.01 ft	Free Product 0.04 ft	Free Product 0.05 ft	Free Product 0.02 ft	190	140	100
1,3,5-Trimethylbenzene	5*											130	97	50
Benzene	1											U	U	U
Ethylbenzene	5*											5.7	8.1	4.8
Isopropylbenzene	5*											10	8.3	5.9
tert-Butyl Methyl Ether	10											U	U	U
n-Butylbenzene	5*											21	U	5.0
n-Propylbenzene	5*											19	15	15
m,p-Xylene (Sum of Isomers)	5*											41	42	22
Naphthalene	10											24	U	U
o-Xylene	5*											4.2	2.9 J	1.0
p-Isopropyltoluene	5*											50	16	9.5
sec-Butylbenzene	5*											7.4	U	6.0
tert-Butylbenzene	5*											U	U	U
Toluene	5*											0.33 J	U	U
Total VOCs												502.63	329.3	219.2

Sample Location	NYS AWQ S/GV (µg/L)	789MW-83										
Date of Collection		10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/23/14	4/06/21	6/29/21	9/28/21	12/01/21
VOCs												
1,2,4-Trimethylbenzene	5*	Free Product 0.06 ft	Free Product 0.09 ft	62 JD	Free Product 0.20 ft	36	57 Q	76	**1.0**	0.40 U	1.5 U	1.5 U
1,3,5-Trimethylbenzene	5*			36 JD		17	20 Q	25	**0.24 J**	0.40 U	1.5 U	1.5 U
Benzene	1			UD		U	U	U	0.40 U	0.40 U	0.45 U	0.45 U
Ethylbenzene	5*			UD		3.1	8.5 Q	8.1	0.40 U	0.40 U	0.75 U	0.75 U
Isopropylbenzene	5*			UD		3.1	5.3 Q	7.9	0.40 U	0.40 U	0.75 U	0.75 U
tert-Butyl Methyl Ether	10			UD		U	U	U	0.80 U	0.80 U	0.75 U	0.75 U
n-Butylbenzene	5*			UD		4.4	5.1 Q	4.1	0.80 U	0.80 U	1.0 U	1.0 U
n-Propylbenzene	5*			UD		7.7	7.0 Q	15	0.40 U	0.40 U	1.0 U	1.0 U
m,p-Xylene (Sum of Isomers)	5*			UD		4.5	10 Q	13	**0.32 J**	0.80 U	0.80 U	0.80 U
Naphthalene	10			UD		6.1	9.0 Q	8.4	**0.55 J**	0.80 U	3.0 U	3.0 U
o-Xylene	5*			UD		0.67 J	1.1 JQ	1.1	0.40 U	0.40 U	0.75 U	0.75 U
p-Isopropyltoluene	5*			UD		5.4	6.0 Q	11	0.40 U	0.40 U	1.5 U	1.5 U
sec-Butylbenzene	5*			UD		5.3	4.4 Q	3.7	0.40 U	0.40 U	1.5 U	1.5 U
tert-Butylbenzene	5*			UD		U	UQ	U	0.40 U	0.40 U	1.0 U	1.0 U
Toluene	5*			UD		0.42 J	U	U	0.40 U	0.40 U	0.75 U	0.75 U
Total VOCs				98		93.69	133.4	173.3	**0.32 J**	0.80 U	0.75 U	0.75 U

Sample Location	NYS AWQ S/GV (µg/L)	789MW-96												
Date of Collection		7/10/02	10/3/02	12/11/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/7/05	6/23/05
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 4.16 ft	Free Product 5.25 ft	Free Product 5.34 ft	Free Product 5.25 ft	Free Product 5.14 ft	Free Product 5.10 ft	Free Product 5.82 ft	Free Product 4.82 ft	Free Product 4.55 ft	Free Product 4.42 ft	Free Product 3.85 ft	Free Product 3.74 ft	Free Product 3.58 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQ S/GV (µg/L)	789MW-96												
Date of Collection		9/27/05	1/3/06	3/22/06	6/21/06	9/20/06	12/19/06	4/11/07	6/18/07	9/18/07	12/5/07	3/24/08	6/10/08	9/9/08
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 3.85 ft	Free Product 4.01 ft	Free Product 3.25 ft	Free Product 3.69 ft	Free Product 3.85 ft	Free Product 3.67 ft	Free Product 3.35 ft	Free Product 4.37 ft	Free Product 1.55 ft	Free Product 2.30 ft	Free Product 1.96 ft	Free Product 2.92 ft	Free Product 2.65 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQS/GV (µg/L)	789MW-96											
Date of Collection		12/16/08	3/23/09	6/23/09	9/8/09	12/1/09	4/7/10	6/15/10	9/22/10	12/7/10	4/26/11	7/26/11	11/7/11	1/10/12
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 4.37 ft	Free Product 3.64 ft	Free Product 0.44 ft	Free Product 3.33 ft	Free Product 3.25 ft	Free Product 3.25 ft	Free Product 3.25 ft	Free Product 3.65 ft	Free Product 0.65 ft	Free Product 2.63 ft	Free Product 4.05 ft	Free Product 3.27 ft	Free Product 3.32 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQS/GV (µg/L)	789MW-96											
Date of Collection		4/23/12	7/11/12	10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/14/14	7/6/15	8/24/15
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 4.10 ft	Free Product (Indeter- minable Amount)	Free Product 0.55 ft	Free Product 2.70 ft	Free Product 0.10 ft	Free Product 0.33 ft	Free Product 1.85 ft	Free Product 1.54 ft	Free Product 1.34 ft	Free Product 1.96 ft	Free Product 0.25 ft	Free Product 0.22 ft	Free Product 0.32 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQS/GV (µg/L)	789MW-96			789MW-97		
Date of Collection		12/2/15	6/27/16	11/03/16	12/02/18	4/04/19	6/20/19
VOCs							
1,2,4-Trimethylbenzene	5*	Free Product 0.14 ft	Free Product 1.15 ft	Free Product 0.58 ft	200 D	520 D	310 D
1,3,5-Trimethylbenzene	5*				66 D	140 D	120 D
Benzene	1				98 D	96 D	110 D
Ethylbenzene	5*				150 D	360 D	320 D
Isopropylbenzene	5*				13 D	27 D	24 D
tert-Butyl Methyl Ether	10				U	U	U
n-Butylbenzene	5*				7.0 D	U	15 D
n-Propylbenzene	5*				19 D	42 D	39 D
m,p-Xylene (Sum of Isomers)	5*				400 D	1,100 D	630 D J
Naphthalene	10				94 D	180 D	170 D
o-Xylene	5*				10 D J	14 D	8.0 D J
p-Isopropyltoluene	5*				7.3 D	13 D	11 D
sec-Butylbenzene	5*				7.8 D	12 D	12 D
tert-Butylbenzene	5*				U	2.2 J D	2.3 D
Toluene	5*				10 D	16 D	17 D
Total VOCs					1082.1	2522.2	1788.3

Sample Location	NYS AWQS/GV (µg/L)	789MW-98											
Date of Collection		7/10/02	10/3/02	12/11/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/7/05	6/23/05
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 1.79 ft	Free Product 1.67 ft	Free Product 0.12 ft	Free Product 1.27 ft	Free Product 2.19 ft	Free Product 2.18 ft	Free Product 2.37 ft	Free Product 2.12 ft	Free Product 2.55 ft	Free Product 2.69 ft	Free Product 2.14 ft	Free Product 1.76 ft	Free Product 1.72 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQS/GV (µg/L)	789MW-98											
Date of Collection		9/27/05	1/3/06	3/22/06	6/21/06	9/20/06	12/19/06	4/12/07	6/18/07	9/18/07	12/5/07	3/24/08	6/10/08	9/9/08
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 1.35 ft	Free Product 1.43 ft	Free Product 1.95 ft	Free Product 2.15 ft	Free Product 2.50 ft	Free Product 1.96 ft	Free Product 0.40 ft	Free Product 0.42 ft	Free Product 0.46 ft	Free Product 0.88 ft	Free Product 0.35 ft	Free Product 0.48 ft	Free Product 0.06 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQS/GV (µg/L)	789MW-98											
Date of Collection		12/16/08	3/23/09	6/23/09	9/8/09	12/1/09	4/7/10	6/15/10	9/22/10	12/7/10	4/26/11	7/26/11	11/7/11	1/10/12
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 0.04 ft	Free Product 0.17 ft	Free Product 0.05 ft	Free Product 0.24 ft	Free Product 0.29 ft	Free Product 1.25 ft	Free Product 0.90 ft	Free Product 1.70 ft	Free Product 1.80 ft	Free Product 5.38 ft	Free Product 1.91 ft	Free Product 1.28 ft	Free Product 1.21 ft
1,3,5-Trimethylbenzene	5*													
Benzene	1													
Ethylbenzene	5*													
Isopropylbenzene	5*													
tert-Butyl Methyl Ether	10													
n-Butylbenzene	5*													
n-Propylbenzene	5*													
m,p-Xylene (Sum of Isomers)	5*													
Naphthalene	10													
o-Xylene	5*													
p-Isopropyltoluene	5*													
sec-Butylbenzene	5*													
tert-Butylbenzene	5*													
Toluene	5*													
Total VOCs														

Sample Location	NYS AWQS/GV (µg/L)	789MW-98											
Date of Collection		4/23/12	7/11/12	10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/23/14	7/24/14	10/13/14	3/19/15	7/6/15
VOCs														
1,2,4-Trimethylbenzene	5*	Free Product 1.17 ft	Free Product 1.07 ft	Free Product 1.28 ft	Free Product 2.02 ft	Free Product 1.52 ft	Free Product 0.95 ft	Free Product 0.38 ft	Free Product 0.30 ft	Free Product 0.54 ft	520 D	600	Free Product 0.82 ft	590
1,3,5-Trimethylbenzene	5*										220 D	240		U
Benzene	1										48 D	66		270
Ethylbenzene	5*										130 D	83		120
Isopropylbenzene	5*										23 D	17 Q		24 Q
tert-Butyl Methyl Ether	10										U	U		U
n-Butylbenzene	5*										38 D	44 Q		87 Q
n-Propylbenzene	5*										46 D	23 Q		45 Q
m,p-Xylene (Sum of Isomers)	5*										640 D	640		660
Naphthalene	10										170 D	120 Q		160 Q
o-Xylene	5*										340 D	330		370
p-Isopropyltoluene	5*										27 D	59 Q		100 Q
sec-Butylbenzene	5*										31 D	19 Q		43 Q
tert-Butylbenzene	5*										U	UQ		U
Toluene	5*										240 D	160		590
Total VOCs											2,473	2,401		3,059

Sample Location	NYS AWQS/GV (µg/L)	789MW-98												
Date of Collection		8/25/15	12/2/15	1/27/16	6/29/16	11/03/16	03/28/18	07/24/18	09/19/18	12/02/18	08/27/19	11/19/19	6/23/20	9/29/20
VOCs														
1,2,4-Trimethylbenzene	5*	430	Free Product 0.02 ft	Free Product 2.03 ft	900	Free Product 0.31 ft	1,500 D J	140 D	320 D J	260 D	520 D	610 D	200 D	550 D
1,3,5-Trimethylbenzene	5*	490 M			380		550 D J	64 D	150 D J	100 D	170 D	190 D	91	190 D
Benzene	1	52			48		140 D J	16 J	130 D J	150 D	100 D	28 D	31	170 D
Ethylbenzene	5*	90 MQ			110		770 D J	3.8 J	34 D J	31 D	130 D	90 D	19	49 D
Isopropylbenzene	5*	18 Q			19 J		120 D J	2.7 J	7.2 D J	4.6 D	32 D	29 D	10	23 D
tert-Butyl Methyl Ether	10	U			U		U	U	U	U	U	U	U	U
n-Butylbenzene	5*	62 Q			U		150 D J	9.2 J	25 D J	5.4 D	U	U	23	40 D
n-Propylbenzene	5*	36 Q			28		260 D J	5.7 J	12 D J	6.2 D	72 D	73 D	28	62 D
m,p-Xylene (Sum of Isomers)	5*	550			1,000		2,400 D J	120 D	320 D J	330 D	550 D	460 D	150	320 D
Naphthalene	10	48 Q			210		470 D J	6.0 J	60 D J	70 D	96 D	99 D	33	66 D J
o-Xylene	5*	270			560		740 D J	47 D	93 D J	140 D	130 D	74 D	61	66 D
p-Isopropyltoluene	5*	41 Q			81		72 D J	13 J	29 D J	11 D	18 D	29 D	14	22 D
sec-Butylbenzene	5*	46 Q			31		U	U	U	5.9 D	25 D	40 D	19	32 D
tert-Butylbenzene	5*	1.6 UQ			U		U	U	U	U	3.7 J D	4.7 J D	2.5	4.0 J D
Toluene	5*	160			470		41 D J	3.8 J	37 D J	30 D	14 D	4.6 J D	6.3	37 D
Total VOCs		2,295			3,837		7213	431.2	1217.2	1144.1	1860.7	1731.3	687.8	1631

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-98				
Date of Collection		12/01/20	04/06/21	06/29/21	09/28/21	12/01/21
VOCs						
1,2,4-Trimethylbenzene	5*	510 D	440 D	770 D	717	236 D
1,3,5-Trimethylbenzene	5*	170 D	160 D	240 D	187	87.6
Benzene	1	190 D	380 D	68 D	66.4	86.4
Ethylbenzene	5*	64 D	100	190 D	130	27.7
Isopropylbenzene	5*	21 D	16	41 D	33.9	6.6
tert-Butyl Methyl Ether	10	U	U	16 U	1.5 U	0.75 U
n-Butylbenzene	5*	30 D	U	33 D	22.3	11.2
n-Propylbenzene	5*	51 D	35	90 D	68.3	16.4
m,p-Xylene (Sum of Isomers)	5*	400 D	580 D	900 D	724	188
Naphthalene	10	69 D	91	170 D	119	31.2
o-Xylene	5*	62 D	180 D	78 D	40.4	35.4
p-Isopropyltoluene	5*	22 D	32	21 D	15.9	10.7
sec-Butylbenzene	5*	30 D	31	29 D	15.8	7.1
tert-Butylbenzene	5*	U	U	8.0 U	2.6	2.1
Toluene	5*	24 D	65	7.0 J D	5.5	3.9
Total VOCs		1643	2100	980 D	764	223

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99												
Date of Collection		7/10/02	10/3/02	12/11/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/7/05	6/23/05
VOCs														
1,2,4-Trimethylbenzene	5*	110	7.8	110	210	930	430	U	650	620	340	720	520	52 J
1,3,5-Trimethylbenzene	5*	73	17	62	82	300	140	120 J	200	190	100	200	140	32
Benzene	1	180	72	80	240	300	230	120 J	180	140	46	73	69	26
Ethylbenzene	5*	74	21	61	110	390	200	110 J	240	260	100	270	130	24
Isopropylbenzene	5*	24	5.6	21	20	61	31	40 J	50	49	24	49	33	9.7
tert-Butyl Methyl Ether	10	U	U	5.4	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	42	U	32	21	35	25	22	48	U	U
n-Propylbenzene	5*	43	9.7	40	40	140	67	71 J	110	100	53	110	73	22
m,p-Xylene (Sum of Isomers)	5*	160	6.2	92	220	1,100	470	330 J	650	760	290	930	470	51
Naphthalene	10	86	16	67	60	350 B	130	200 J	160	200	140	170	170	52
o-Xylene	5*	55	1.8	18	30	150	100	130 J	170	170	68	130	55	7.4
p-Isopropyltoluene	5*	15	4.2	11	16	40	19	17	25	20	17	29	18	9.8
sec-Butylbenzene	5*	19	6	17	18	40	20	19	30	23	20	36	22	12
tert-Butylbenzene	5*	1.8	U	1.6	U	U	U	2.1	U	2.5	U	U	U	1.2
Toluene	5*	7.1	4.1 B	40	12	37	51	25	18	16	6	9.8 F	U	0.96 F
Total VOCs		847.9	171.4	626	1,100	3,838	1,920	1,205.1	2,518	2,575.5	1,226	2,774.8	1,700	300.06

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99												
Date of Collection		9/27/05	1/3/06	3/22/06	6/21/06	9/20/06	12/19/06	4/11/07	6/18/07	9/18/07	12/5/07	3/25/08	6/10/08	9/9/08
VOCs														
1,2,4-Trimethylbenzene	5*	250 J	22	140	130	139 ♦	115	144	83	47.1	68.7	27.5	37.7	42.2
1,3,5-Trimethylbenzene	5*	40 J♦	4	40 J	35	35.2 ♦	27.6	37.4	82.4	10.2	17.4	7.18	8.76	10.2
Benzene	1	40 J	11	78	98	45.6 ♦	30.2	49.1	31.2	6.65	8.15	16.5	19.4	5.4
Ethylbenzene	5*	64	11	56	84	61.2 ♦	49.6	59.3	35.8	16.8	17	6.86	15.5	9.44
Isopropylbenzene	5*	17 J♦	3.5	14	23	10.5 ♦	9.4 ♦	13.6	7.95	4.7 F	7.85	2.3	4.42	3.78
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	26 J♦	5.2	12 J	18	9.15 ♦	7.4	20.4	U	5.85	8.6	1.7 F	6.74	3.36
n-Propylbenzene	5*	34 J♦	6.4	27	27	20.2 ♦	18.2 ♦	25.7	14.4	7.6	13.6	4	7.86	7.26
m,p-Xylene (Sum of Isomers)	5*	180	16	120	200	188 ♦	139	136	83	31.8	30.4	10.4	26.6	14.8
Naphthalene	10	75 J	9.4	48 J	45	53.8 ♦	35.2	51.8	26.7	15.8	11.3	7.86	10.7	9.52
o-Xylene	5*	18 ♦	2.2	9.1	13	3.35 F♦	1.8 F	1.55 F	0.85 F	U	U	U	U	0.36 F
p-Isopropyltoluene	5*	11 J♦	1.6	8.4 J	13	7.30 ♦	4.85 F	8.3	2.75 F	2.35 F	4.05 F	1.78 F	3.1	2.66
sec-Butylbenzene	5*	14 ♦	4.8	13	18	8.70 ♦	8.25	11.3	6.55	4.45 F	7.45	2.66	5.14	5.28
tert-Butylbenzene	5*	1.4 J♦	0.44 F	U	1.8	2.65 F♦	0.85 F	U	U	U	0.95 F	0.36 F	U	0.56 F
Toluene	5*	1.9 ♦	0.37 F	2 F	2.5	1.10 F♦	0.85 F	1.7 F	1.75 F	U	0.6 F	0.58 F	1.5	0.56 F
Total VOCs		772.3	97.91	567.5	708.3	585.75	448.2	560.15	376.35	153.30	196.05	89.68	147.42	115.38

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99												
Date of Collection		12/16/08	3/23/09	6/23/09	9/8/09	12/3/09	4/6/10	6/15/10	9/22/10	12/7/10	4/26/11	7/25/11	11/9/11	1/10/12
VOCs														
1,2,4-Trimethylbenzene	5*	31.3		33.2	25.7	21.7	28.5	21.4	21.5	31.7	34	31	22	18
1,3,5-Trimethylbenzene	5*	7.76		7.76	5.4	4.62	6.28	4.76	4.19	6.78	8.2	7.6	10	3.9
Benzene	1	7.72		18.6	6.08	5.4	35.9	27.9	21.2	40.6	38	15	5	4.8
Ethylbenzene	5*	7.18		22.7	14.1	10.7	21.2	17.5	18.4	35.1	U	28	16	10
Isopropylbenzene	5*	3.38		4.62	3.52	3.08	5.05	2.54	2.57	4.55	7	4.6	3.4	3.2
tert-Butyl Methyl Ether	10	U		U	U	U	U	U	U	U	4.3	U	U	U
n-Butylbenzene	5*	7.41		3.7	2.48	2.36	2.54	1.5	1.9	1.81	U	1.7	U	1.2
n-Propylbenzene	5*	7.18	Free Product	7.94	5.96	4.78	7.43	3.69	3.61	6.33	36	5.3	3.8	3.7
m,p-Xylene (Sum of Isomers)	5*	9.64	0.01 ft	38.8	20.2	13.1	18.4	16.4	16.5	34.5	7	26	15	9.6
Naphthalene	10	5.57		13.3	10.9	9.92	11.5	11	8.62	12.2	1.6	15	11	6.6
o-Xylene	5*	U		0.84 F	U	U	0.290 F	0.26 F	0.25 F	0.68 F	5.7	0.61 J	0.46 J	0.39 J
p-Isopropyltoluene	5*	2.84		2.78	1.76 F	1.44 F	2.15	1.28	1.08	1.6	31	1.2	U	0.67 J
sec-Butylbenzene	5*	6.47		5.48	4.88	4.5	6.89	3.88	2.97	5.13	0.61 J	4.4	5.5	3.7
tert-Butylbenzene	5*	0.48 F		0.9 F	0.46 F	0.42 F	0.620 F	0.41 F	0.34 F	0.57 F	19	U	U	U
Toluene	5*	0.44 F		1.74 F	0.9 F	0.66 F	2.42	1.87	1.74	3.89	U	4.4	1.3	0.92 J
Total VOCs		97.37		162.36	102.34	82.68	149.17	114.39	104.87	185.44	192.41	144.81	93.46	66.68

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99												
Date of Collection		4/19/12	7/11/12	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/13/14	3/19/15	7/7/15	8/25/15	12/2/15
VOCs														
1,2,4-Trimethylbenzene	5*	18	15	13	9.8	13 J	8.7	14	23	22	21	14	14	14
1,3,5-Trimethylbenzene	5*	U	3.4	2.8	2.1	2.9	1.9	3	4.8	6	3.9	U	6.7	3.0 M
Benzene	1	6.8	4.2	15	6.9	6.4	1.8	2.9	4.8	2.9	3.2	5.0	3.7	2.9
Ethylbenzene	5*	12	7.7	13	8.9	14 J	5.1	6.2	11	8.1	8.3	8.4	6.8	6.7
Isopropylbenzene	5*	3	2.5	2.3	1.5	2.1	1.4	2	3.5 Q	3.3	2.4	1.9	1.8	1.8
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	1.0	1.1	0.96 J	0.49 J	U	0.88 J	1.1	1.6	1	U	0.72 J	1.3	U
n-Propylbenzene	5*	4.7	3.6	3.2	2.0	2.7	1.9	2.5	4.4	4.4	3.4	2.6	2.4	2.3
m,p-Xylene (Sum of Isomers)	5*	7.2	6.7	11	7.9	14.0	6.9	8.6	14	12	12	10	11	11
Naphthalene	10	5.9	7.0	5.9	5.1	7.4	4.0	7.5	12	5.6	8.3	5.8	5.9	5.2
o-Xylene	5*	0.36 J	0.34 J	0.37 J	0.22 J	0.44 J	U	0.21 J	0.40 J	0.30 J	0.24 J	0.28 J	0.30 J	0.24 J
p-Isopropyltoluene	5*	U	0.64 J	0.52 J	0.33 J	0.48 J	0.32 J	0.45 J	0.81 J	1	0.68 J	0.67 J	0.51 J	0.49 J
sec-Butylbenzene	5*	4.9	3.8	3.8	2.0	U	1.9	2.3	4.7	4.7	U	2.6	2.5	2.7
tert-Butylbenzene	5*	U	U	0.33 J	0.2 J	U	U	U	3.0	U	U	U	U	U
Toluene	5*	0.91 J	0.70 J	1.8	1.9	2.5	0.54 J	0.70 J	1.5	1	0.97 J	1.7	1.4	1.2
Total VOCs		64.77	56.68	73.98	49.34	65.92	35.34	51.46	86.51	72.3	64.39	53.67	58.31	51.53

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99												
Date of Collection		1/27/16	6/29/16	11/03/16	03/29/17	06/29/17	08/10/17	11/08/17	03/28/18	07/24/18	09/19/18	12/02/18	4/04/19	6/20/19
VOCs														
1,2,4-Trimethylbenzene	5*	170	16	87 J♦	0.4 U	21 ♦	17 ♦	5.1	7.3 D J ♦	4.8 J ♦	22 D ♦	160 D	17	8.4 ♦
1,3,5-Trimethylbenzene	5*	110	12	34 ♦	30	8.2♦	5.8 ♦	2.4	2.8 D J ♦	2.4 J ♦	9.4 D J ♦	48 ♦	12	5.2
Benzene	1	12	2.9	3.1 ♦	7.6	4.3♦	3.3 ♦	1.4	1.7 D J	1.7 J	2.9 D J ♦	12 ♦	40	12 ♦
Ethylbenzene	5*	82	6.0	23 ♦	18	9♦	♦	1.2	3.4 D J ♦	3.5 J ♦	8.3 D J ♦	33 ♦	24 ♦	10
Isopropylbenzene	5*	18	1.8	8.8 ♦	7	2.7♦	2.3 ♦	0.57 J	1.4 D J ♦	1.3 J ♦	2.6 D J ♦	14	4	3.2
tert-Butyl Methyl Ether	10	U	U	U	0.8 U	U	U	U	U	U	U	U	U	0.27 J ♦
n-Butylbenzene	5*	7.8	2.0	4.6 ♦	5.3	2.4♦	3 ♦	0.67 J	1.7 D J ♦	1.3 J ♦	U	8.8 ♦	U	4.4 ♦
n-Propylbenzene	5*	26	2.2	13 ♦	12	3.9♦	3.9 ♦	0.88 J	2.8 D J	2.2 J ♦	3.2 D J ♦	25 ♦	5.3	4.3 ♦
m,p-Xylene (Sum of Isomers)	5*	200	9.0	49 ♦	22	10♦	6.8 ♦	1.6 J	2.9 D J ♦	2.8 J ♦	11 D J ♦	49 ♦	29	8.1 ♦
Naphthalene	10	14	4.3	9 ♦	6.8	3.9♦	4.2 ♦	1.3	3.9 D J	3.9 J	3.7 D J ♦	12 ♦	6.5	5.8
o-Xylene	5*	2.3 J	0.30 J	1.1 ♦	1.2	0.51 J♦	0.35 J ♦	U	U	0.21 J	U	1.7	2.2	0.99 J ♦
p-Isopropyltoluene	5*	4.8	3.7	2.7 ♦	4.7	1.4♦	1.7 ♦	0.70 J	1.1 D J ♦	0.79 J ♦	0.90 D J	7.2 ♦	3.1	2.3
sec-Butylbenzene	5*	13	2.0	6.2 ♦	7.8	3.7♦	4.1 ♦	1.3	3.8 D J ♦	2.6 J ♦	2.1 D J ♦	12	6 ♦	5.8 ♦
tert-Butylbenzene	5*	U	U	12 ♦	0.4 U	U	U	U	U	0.78 J ♦	U ♦	U	0.62 J	0.69 J ♦
Toluene	5*	3.2	0.93 J	1.3 ♦	4.8	1.3♦	0.68 J ♦	0.20 J	0.91 D J ♦	0.59 J	0.68 D J	1.3 ♦	3.8 ♦	1.4
Total VOCs		663.1	63.13	254.8	127.2	72.31	59.03	17.32	33.71	28.87	66.78	384.00	153.52	72.85

Sample Location	NYS AWQ S/GV (µg/L)	789MW-99								
Date of Collection		8/27/19	11/19/19	6/23/20	9/29/20	12/01/20	4/06/21	6/29/21	9/28/21	12/01/21
VOCs										
1,2,4-Trimethylbenzene	5*	8	2.0 J	3.9 J	360 D J ♦	0.79 J ♦	2.5 J	0.26 J	1.5 UJ	1.5 U
1,3,5-Trimethylbenzene	5*	4.7	1.6 J	1.5	98 D J ♦	0.35 J ♦	1.0 J	0.29 J	1.5 UJ	1.5 U
Benzene	1	10	6.2 J	2.5	170 D J ♦	4.8 ♦	2.7	3.3	3.3 J	3.2
Ethylbenzene	5*	6.6	3.8 J ♦	0.83 J	150 D J ♦	0.33 J	0.40 J	0.40 U	0.95 J	3.1
Isopropylbenzene	5*	2.9	1.7 J ♦	0.98 J	30 D J ♦	0.78 J	0.58 J	0.29 J	0.75 UJ	0.75 U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	0.80 U	0.75 UJ	0.75 U
n-Butylbenzene	5*	3.1 ♦	U	2.1	7.4 D J ♦	1.1	1.1	0.37 J	1.0 UJ	0.57 J
n-Propylbenzene	5*	4.6 J	2.4 J ♦	1.8	54 D J ♦	1.2	1.0	0.43 J	1.0 UJ	0.92 J
m,p-Xylene (Sum of Isomers)	5*	5.2	3.0 J ♦	0.95 J	680 D J ♦	0.48 J ♦	1.6 J	0.80 U	0.80 UJ	0.80 U
Naphthalene	10	4	2.7 J	1.9	87 D J ♦	1.3	2.6 J	0.86 J	3.0 UJ	3.0 U
o-Xylene	5*	1.0 J	0.41 J	0.21 J	5.1 D ♦	U	0.50 J	0.40 U	0.75 UJ	0.75 U
p-Isopropyltoluene	5*	1.9	0.87 J	1.1 J	7.8 D J ♦	0.45 J ♦	0.39 J	0.40 U	1.5 UJ	1.5 U
sec-Butylbenzene	5*	6.7 J	3.1 J ♦	3.3	12 D J ♦	2.5 ♦	1.6	0.90 J	0.73 J	1.1 J
tert-Butylbenzene	5*	0.52 J	U	U	U	U	U	0.40 U	1.0 UJ	1.0 U
Toluene	5*	0.94 J	0.44 J ♦	0.20 J	18 D ♦	0.17 J	0.23 J	0.36 J	0.72 J	1.3
Total VOCs		60.16	28.22	21.27	1679.3	14.25	16.2	0.80 U	0.75 UJ	0.75 U

Sample Location	NYS AWQ S/GV (µg/L)	789MW-102												
Date of Collection		7/10/02	10/3/02	12/11/02	4/8/03	7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	1/3/05	4/8/05	6/23/05
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	0.25 F	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	0.17 F	U	U	U	U	U	U	U	U	U
Benzene	1	86	200	37	18	12	15	0.44 F	4.1	23	11	18	1.6	16
Ethylbenzene	5*	U	U	U	0.19 F	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	0.16 F	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	0.96 F	0.48 F	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	0.27 F	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	0.15 F	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	0.44 F	U	U	U	U	0.5	U	0.43 F	U	0.58
Naphthalene	10	U	U	U	0.41 F	U	U	U	U	U	U	0.41 F	U	U
o-Xylene	5*	U	U	U	0.14 F	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	0.24 F	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	0.24 F	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	0.19 F	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	0.14 F	U	0.35 F	U	U	0.46 F	U	0.28 F	U	0.37 F
Total VOCs		86	200	38	21.47	12	15.4	0.44	4.1	23.96	11	19.12	1.6	16.95

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-102												
Date of Collection		9/27/05	1/3/06	3/22/06	6/21/06	9/20/06	12/19/06	4/10/07	6/19/07	9/17/07	12/5/07	3/24/08	6/11/08	9/10/08
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	0.3 F	U	U	U	0.61	1.02	2.68 ♦	0.64 F	U	21.1
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	0.11	0.22 F	1.62 ♦	U	1.15	5.35
Benzene	1	44	6.5	5.2	33	27.2	4.14	2.26	29.8	39.9	13.1	1.34	9.61	22.1
Ethylbenzene	5*	U	U	U	U	0.13 F	U	U	U	0.7 F	0.23 F	U	0.65 F	5.87
Isopropylbenzene	5*	U	U	U	U	0.14 F	U	U	0.62 F	0.82 F	0.81 F	U	0.78 F	2.76
tert-Butyl Methyl Ether	10	U	U	U	0.94 F	0.58 F	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	0.18 F	U	U	2.07
m,p-Xylene (Sum of Isomers)	5*	9.2	U	1.8	8.2	13	1.98 F	U	23.3	29.7	6.78	1.63 F	9.65	47.4
Naphthalene	10	U	U	U	0.37 F	U	U	U	0.22 F	0.55 F	0.48 F	U	1.38	5.37
o-Xylene	5*	1.4	U	U	0.75	0.63 F	U	U	0.8 F	1.21	0.64 F	U	U	0.84 F
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	1.9	U	U	0.65	0.7 F	U	U	0.87 F	1.37	0.34 F	U	0.69 F	1.23
Total VOCs		56.5	6.5	7	44.21	42.38	6.12	2.26	56.33	75.49	26.86	3.61	23.91	114.09

Sample Location	NYS AWQ S/GV (µg/L)	789MW-102												
Date of Collection		12/16/08	3/24/09	6/24/09	9/9/09	12/3/09	4/7/10	6/15/10	9/22/10	12/7/10	7/26/11	11/9/11	1/11/12	4/18/12
VOCs														
1,2,4-Trimethylbenzene	5*	0.45 F	0.65 F	3.65	10.1	15.1	4.58 J♦	2.61 ♦	7.02	0.67 F	1.1	0.37 J	0.44 J	U
1,3,5-Trimethylbenzene	5*	0.15 F	0.19 F	1.05	2.53	3.99	1.24 ♦	0.89 F♦	1.99	0.32 F	0.44 J	U	0.23 J	U
Benzene	1	6.17	6.21 J	10.5	28.4	14	14.4 ♦	13.1 ♦	27.4	5.22	7.8	6	2	U
Ethylbenzene	5*	0.38 F	0.29 F	0.59 F	1.38	1.68	0.320 F♦	0.230 F♦	0.53 F	U	U	U	U	U
Isopropylbenzene	5*	0.24 F	0.32 F	0.82 F	2.48	2.54	1.27 ♦	0.75 F♦	3.25	0.53 F	0.69 J	U	0.38 J	U
tert-Butyl Methyl Ether	10	U	U	U	0.23 F	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	0.26 F	0.73 F	1.3	0.340 F♦	U	0.46 F	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	1.39 F	3.08	12.7	28.3	33.3	15.2 J♦	14.1 ♦	26.1	8.38	4.3	3.5 JQ	1.7 J	U
Naphthalene	10	0.12 F	U	1.17	2.26	3.33	0.860 F♦	0.480 F♦	1.66	U	0.93 J	U	U	U
o-Xylene	5*	0.23 F	0.21 F	0.58 F	1.07	0.84 F	0.590 F♦	0.760 F♦	1.52	0.33 F	0.26 J	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	0.53 F	0.25 F	0.47 F	1.52	1.17	0.650 F♦	0.98	2.17	0.52 F	0.34 J	0.62 J	0.28 J	U
Total VOCs		9.66	11.2	31.79	79	77.25	39.45	33.9	72.1	15.97	15.86	10.49	5.03	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-102												
Date of Collection		7/11/12	4/23/13	4/22/14	11/3/15	12/1/15	1/26/16	6/28/16	11/2/16	6/28/17	8/10/17	11/8/17	12/2/18	8/27/19
VOCs														
1,2,4-Trimethylbenzene	5*	0.95 J	0.34 J	14	45	11	5.0	14	41	140 D	120 D	68 D	30	200 D
1,3,5-Trimethylbenzene	5*	0.37 J	U	3	23	4.6	2.3	6.4	18	49 J	41	33	17	59 D
Benzene	1	8.0	1.0	6.8	29	10	4.2	6.0	24	26 J	22	21	68 D	92 D
Ethylbenzene	5*	0.60 J	U	0.34 J	16	5.3	2.7	2.2	12	34 J	32	27	49	130 D
Isopropylbenzene	5*	0.39 J	U	2.2	12	3.2	1.9	3.6	8.2	14 J	13	8.8	7.5	17 D
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	1.6	4.8 J	5.1	3.6	1.2	2.9 J D
n-Propylbenzene	5*	0.17 J	U	0.90 J	5.1	1.5	1.1	5.2	7.7	28 J	23	13	7.3	29 D
m,p-Xylene (Sum of Isomers)	5*	5.0	5.5	11	130	84	48	25	130	210 D	200 D	120 D	170 D	410 D
Naphthalene	10	U	U	2.4	0.96 J	0.65 J	U	0.70 J	5.2	34 J	30	14	7.2	67 D
o-Xylene	5*	0.42 J	0.19 J	0.23 J	3.0 J	1.9 J	1.4	1.6	2.7 J	5 D	3.7 JD	2.7 J D	5.5 J D	7.5 D
p-Isopropyltoluene	5*	U	U	U	U	0.24 J	U	0.20 J	0.61 J	4.4 J	3.5	5.9	1.2	3.4 J D
sec-Butylbenzene	5*	U	U	U	0.69 J	0.34 J	0.34 J	2.0	2.3	8.6 J	5.2	4.5	2.1	5.7 J
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	0.69 J D
Toluene	5*	1.0	U	0.20 J	3.7	1.7	1.0	1.1	2.9	4.3 J	3.9	3.2	10	16 D
Total VOCs		16.9	7.03	41.07	268.45	124.43	67.94	68	256.21	562.1	502.4	324.7	376.0	1040.19

Sample Location	NYS AWQ S/GV (µg/L)	789MW-102		
Date of Collection		9/29/20	6/29/21	12/01/21
VOCs				
1,2,4-Trimethylbenzene	5*	2.9	380 D	308 D
1,3,5-Trimethylbenzene	5*	1	110 D	133
Benzene	1	4.1	110 D	172
Ethylbenzene	5*	0.27 J	280 D	381 D
Isopropylbenzene	5*	0.79 J	33 D	39.7
tert-Butyl Methyl Ether	10	U	3.2 U	0.75 U
n-Butylbenzene	5*	1.8	11 D	9.3
n-Propylbenzene	5*	1.5	63 D	78.4
m,p-Xylene (Sum of Isomers)	5*	0.66 J	670 D	584 D
Naphthalene	10	1.8 J	120 D	112
o-Xylene	5*	U	12 D	23.1
p-Isopropyltoluene	5*	0.66 J	8.7 D	9.7
sec-Butylbenzene	5*	3.1	13 D	10.9
tert-Butylbenzene	5*	U	1.4 J D	1.6 J
Toluene	5*	U	21 D	27.7
Total VOCs		18.58	680 D	607 D

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-103												
Date of Collection		10/10/12	1/15/13	4/23/13	7/18/13	10/17/13	1/29/14	4/22/14	7/24/14	10/13/14	7/7/15	8/24/15	12/1/15	1/26/16
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	0.35 J	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	0.22	0.41 J	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	0.43 J	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0.22	1.19	0	0	0	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-103						
Date of Collection		6/28/16	12/07/16	3/21/17	3/29/18	07/23/18	09/19/18	12/02/18
VOCs								
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-134												
Date of Collection		7/2/03	9/23/03	12/22/03	4/8/04	7/7/04	9/24/04	4/7/05	9/26/05	3/22/06	9/20/06	12/19/06	4/12/07	6/18/07
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	27	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0	27	0	0	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-134												
Date of Collection		9/18/07	3/24/08	9/9/08	3/23/09	1/24/09	4/7/10	4/26/11	4/17/12	10/10/12	1/16/13	4/24/13	7/18/13	10/17/13
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	0.51 J	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0	0	0	0	0.51	0	0	0	0

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-134												
Date of Collection		1/30/14	4/9/14	7/24/14	10/14/14	2/19/15	7/7/15	8/24/15	12/2/15	1/27/16	6/28/16	11/02/16	3/29/17	6/28/17
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	0.44 J	1.1	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0	0	0.44	1.1	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-134				
Date of Collection		3/29/18	07/23/18	09/19/18	12/02/18	11/19/19
VOCs						
1,2,4-Trimethylbenzene	5*	U	U	U	U	0.31 J
1,3,5-Trimethylbenzene	5*	U	U	U	U	U
Benzene	1	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	0.30 J
Naphthalene	10	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U
Toluene	5*	U	U	U	U	U
Total VOCs		0	0	0	0	0.61

Sample Location	NYS AWQ S/GV (µg/L)	789MW-135												
Date of Collection		10/10/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/14/14	2/19/15	7/6/15	8/24/15	12/2/15
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	0.37 J	U	U	U	U	U	U	U	1.8	0.22 J
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0.37	0	0	0	0	0	0	0	1.8	0.22

Sample Location	NYS AWQ S/GV (µg/L)	789MW-135										
Date of Collection		1/27/16	6/27/16	11/02/16	3/29/17	6/28/17	8/09/17	11/08/17	3/29/18	07/23/18	09/19/18	12/02/18
VOCs												
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0	0	0	0	0	0	0

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-214												
Date of Collection		4/17/12	10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/14/14	2/19/15	7/7/15	8/24/15
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U	U	UQ	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	UQ	U
Total VOCs		0	0	0	0	0	0	0	0	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-214									
Date of Collection		12/2/15	1/27/16	6/27/16	11/02/16	03/29/17	06/28/17	3/29/18	07/23/18	09/19/18	12/02/18
VOCs											
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	0.47 J	0.46 J	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	0.21 J	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	0.52 J	1.3 J	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0	0	0.52	1.77	0.7	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-215												
Date of Collection		4/23/12	10/10/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/14/14	2/19/15	7/6/15	8/24/15
VOCs														
1,2,4-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	UJ	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	0.72 J	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		0	0	0.72	0	0	0	0	0	0	0	0	0	0

Sample Location	NYS AWQ S/GV (µg/L)	789MW-215									
Date of Collection		12/2/15	1/27/16	6/27/16	11/02/16	03/21/17	06/28/17	3/29/18	07/24/18	09/19/18	12/02/18
VOCs											
1,2,4-Trimethylbenzene	5*	0.16 J	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	U	U	U	U	U	U	U	U	U	U
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	U	U	U
Toluene	5*	U	U	U	U	U	U	U	U	U	U
Total VOCs		0.16	0	0	0	0	0	0	0	0	0

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ S/GV (µg/L)	789MW-216												
Date of Collection		4/23/12	7/11/12	10/11/12	1/16/13	4/24/13	7/18/13	10/17/13	1/30/14	4/9/14	7/24/14	10/14/14	3/20/15	7/6/15
VOCs														
1,2,4-Trimethylbenzene	5*	54	32 J	2.6	16	14	15	2.6	0.34 J	U	0.25 J	U	U	0.23 J
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Benzene	1	U	U	U	U	U	U	0.16 J	U	U	U	U	U	U
Ethylbenzene	5*	8.6	7.8 J	1.0	5.6	3.4	3.9	2.8	0.25 J	U	0.86 J	0.48 J	U	0.21 J
Isopropylbenzene	5*	2.9	2.6 J	0.49 J	2.9	1.5	2.0	2.3	0.78 J	0.50 J	1.2	1.4	U	0.51 J
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	2.6	0.32 J	2.1	0.63 J	1.0	U	U	U	1.1	U	U	0.83 J
n-Propylbenzene	5*	6.2	4.9 J	0.68 J	4.4	2.8	4.1	2.8	U	0.39 J	1.8	1.2	U	0.41 J
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Naphthalene	10	47	34 J	11	27	14	28	50	11	8.6	23	25	6.3	16
o-Xylene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	2.5	2.2	0.18 J	0.70 J	0.83 J	1.6	0.63 J	U	U	U	U	U	U
sec-Butylbenzene	5*	2.8	2.9 J	0.86 J	2.4	1.9	3.0	U	1.3	1.0	1.8	2.3	0.18 J	0.95 J
tert-Butylbenzene	5*	U	U	U	2.4	0.19 J	0.22 J	0.22 J	0.17 J	U	0.17 J	0.21 J	U	U
Toluene	5*	U	U	U	U	U	U	0.29 J	U	U	U	U	U	U
Total VOCs		124	89	17.13	63.50	39.25	58.82	61.8	13.8	10.49	30.2	30.95	6.48	19.14

Sample Location	NYS AWQ S/GV (µg/L)	789MW-216												
Date of Collection		8/24/15	12/2/15	1/27/16	6/29/16	11/02/16	3/29/17	6/29/17	11/07/17	3/28/18	7/24/18	9/19/18	4/04/19	6/20/19
VOCs														
1,2,4-Trimethylbenzene	5*	0.41 J	0.62 J	0.66 J	24	0.28 J	42	31	5.7	0.57 J	5.1 J	1.0	25	10
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	U	0.21 J	U	U	U	U	U	U
Benzene	1	0.17 J	U	U	0.41 J	U	U	U	U	U	U	U	U	U
Ethylbenzene	5*	0.49 J	U	U	2.0	U	2.3	1.9	0.37 J	0.57 J	1.3 J	0.22 J	1.2	1.1
Isopropylbenzene	5*	1.0	U	0.19 J	1.6	U	1.6	1.7	0.69 J	0.89 J	1.6 J	0.24 J	1.5	1.2
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	U	0.59 J	U	U	U	U	U	U	2.1 J	U	0.76 J	0.93 J
n-Propylbenzene	5*	0.64 J	U	U	1.7	U	0.99 J	2.7	1.2	1.6 J	3.1 J	0.51 J	2.6	1.2
m,p-Xylene (Sum of Isomers)	5*	U	U	U	U	U	0.83 J	U	U	U	U	U	U	U
Naphthalene	10	28 J	2.5	4.8	54	1.3	32	44	18	9.6 J	25 J	4.1	15	11
o-Xylene	5*	U	U	U	U	U	0.49 J	U	U	U	U	U	U	0.24 J
p-Isopropyltoluene	5*	U	U	U	U	U	U	0.32 J	U	U	U	U	U	U
sec-Butylbenzene	5*	2.1	U	0.45 J	3.0	U	3.1	3.9	1.8	1.9 J	3.1 J	0.53 J	2.9	1.9
tert-Butylbenzene	5*	0.32 J	U	U	2.8	U	U	4.4	U	0.22 J	0.86 J	U	0.29 J	0.46 J
Toluene	5*	U	U	U	U	U	U	U	U	U	U	U	U	U
Total VOCs		33.13	3.12	6.69	89.51	1.58	83.31	90.13	27.76	15.35	42.2	6.6	49.25	28.03

Sample Location	NYS AWQ S/GV (µg/L)	789MW-216								
Date of Collection		8/27/19	11/19/19	6/23/20	9/29/20	12/01/20	4/06/21	6/29/21	9/28/21	12/01/21
VOCs										
1,2,4-Trimethylbenzene	5*	2.6	2.4	0.24 J	0.45 J	1.0	16	0.40 U	1.5 U	1.5 U
1,3,5-Trimethylbenzene	5*	U	0.65 J	U	U	0.38 J	5.2	0.40 U	1.5 U	1.5 U
Benzene	1	U	U	U	U	U	U	0.40 U	0.45 U	0.45 U
Ethylbenzene	5*	0.36 J	0.18 J	U	U	U	0.42 J	0.40 U	0.75 U	0.75 U
Isopropylbenzene	5*	0.40 J	U	0.23 J	0.32 J	U	0.29 J	0.40 U	0.75 U	0.75 U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	0.80 U	0.75 U	0.75 U
n-Butylbenzene	5*	0.32 J	U	U	U	U	1.3	0.80 U	1.0 U	1.0 U
n-Propylbenzene	5*	0.56 J	U	U	U	U	0.48 J	0.40 U	1.0 U	1.0 U
m,p-Xylene (Sum of Isomers)	5*	U	0.84 J	U	U	0.29 J	5.3	0.80 U	0.80 U	0.80 U
Naphthalene	10	9.9	3.0	3.4	3.3 J	U	5.1	1.4	3.0 U	3.0 U
o-Xylene	5*	U	U	U	U	U	3.1	0.40 U	0.75 U	0.75 U
p-Isopropyltoluene	5*	U	U	U	U	U	1.0	0.40 U	1.5 U	1.5 U
sec-Butylbenzene	5*	1.6	0.61 J	1.1	0.82 J	U	1.3	0.60 J	1.5 U	1.5 U
tert-Butylbenzene	5*	0.25 J	U	U	U	U	U	0.40 U	1.0 U	1.0 U
Toluene	5*	U	U	U	U	U	0.18 J	0.40 U	0.75 U	0.75 U
Total VOCs		15.99	7.68	4.97	4.89	1.67	39.67	0.80 U	0.75 U	0.75 U

Sample Location	NYS AWQ S/GV (µg/L)	789MW-222												
Date of Collection		4/23/12	7/11/12	10/11/12	1/16/13	4/24/13	7/18/13	10/16/13	1/30/14	4/9/14	7/24/14	10/14/14	2/19/15	7/6/15
VOCs														
1,2,4-Trimethylbenzene	5*	81	42	14	U	85	U	95	13	0.31 J	24	110	100	38
1,3,5-Trimethylbenzene	5*	67	33	12	U	58	U	45	12	0.64 J	22	51	51	U
Benzene	1	86	80	29	1.3	62	2.7	32	9.9	3.3	14	19	25	11
Ethylbenzene	5*	32	30	14	U	48	U	35	13	2.3	24	50	58	29
Isopropylbenzene	5*	3.4	2.9	U	U	4.6	U	3.6	1.8	0.36 J	2.7	6.7	5.9	4.2
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	U	0.62 J	U	U	U	U	U	0.40 J	U	U	3.5	2.7	2.1
n-Propylbenzene	5*	4.5	4.4	2.6 J	U	6.6	U	5.5	13	0.34 J	U	10	9.2	6.2
m,p-Xylene (Sum of Isomers)	5*	130	87	49	U	240	U	210	50	6.8	78	190	210	87
Naphthalene	10	3.1	U	U	0.51 J	U	U	0.45 J	U	U	U	0.37 J	0.57 J	U
o-Xylene	5*	100	53	14	U	78	U	50	8.7	0.45 J	11	33	31	11
p-Isopropyltoluene	5*	1.9 J	1.3	2.5 J	U	11	U	4.0	1.1	U	1.6	4.7	4.1	6.9
sec-Butylbenzene	5*	1.1 J	1.2	U	U	3.1	U	2.9	1.2	0.19 J	U	3.9	U	2.4
tert-Butylbenzene	5*	U	U	U	U	0.81 J	U	U	1.8	U	U	U	U	U
Toluene	5*	3.6	3.5	U	U	2.8 Q	U	2.5	0.63 J	U	0.84 J	1.5	1.4	0.63 J
Total VOCs		513.6	338.92	137.1	1.8	599.91	2.7	485.95	126.53	14.69	178.14	483.67	498.87	198.43

Table 3-4
Site SS067 Select Historical Groundwater Sampling Results (2002 - 2021)
Petroleum Spill Sites
Former Griffiss Air Force Base, Rome, New York

Sample Location	NYS AWQ	789MW-222												
Date of Collection	S/GV	8/25/15	12/2/15	6/27/16	11/03/16	3/29/17	6/29/17	8/09/17	11/08/17	3/28/18	7/24/18	9/19/18	12/02/18	4/04/19
VOCs	(µg/L)													
1,2,4-Trimethylbenzene	5*	37	94	Free Product 0.20 ft	U	U	U	U	U	U	U	U	U	U
1,3,5-Trimethylbenzene	5*	26	55 M		U	U	U	U	U	U	U	U	U	U
Benzene	1	12	17		0.66 J	1.6 J	1.2	1.1	2	2	0.25 J	U	U	U
Ethylbenzene	5*	36 M	55 M		U	U	U	U	U	U	U	U	U	U
Isopropylbenzene	5*	4.7	7.1		U	U	U	U	U	U	U	U	U	U
tert-Butyl Methyl Ether	10	U	U		U	U	U	U	U	U	U	U	U	U
n-Butylbenzene	5*	1.3	3.5		U	U	U	U	U	U	U	U	U	U
n-Propylbenzene	5*	7.0	13		U	U	U	U	U	U	U	U	U	U
m,p-Xylene (Sum of Isomers)	5*	130	190		U	U	U	U	U	U	U	U	U	U
Naphthalene	10	0.28 J	0.28 J		U	U	U	U	U	U	0.54 J	U	U	U
o-Xylene	5*	12	19		U	U	U	U	U	U	U	U	U	U
p-Isopropyltoluene	5*	2.1	4.5		U	U	U	U	U	U	U	U	U	U
sec-Butylbenzene	5*	2.6	U		U	U	U	U	U	U	U	U	U	U
tert-Butylbenzene	5*	5.0	U		U	U	U	U	U	U	U	U	U	U
Toluene	5*	0.68 J	1.0		U	U	U	U	U	U	U	U	U	U
Total VOCs		276.66	459.38		0.66	1.6	1.2	1.1	2	2	0.8	0	0	0

Sample Location	NYS AWQ	789MW-222								
Date of Collection	S/GV	6/20/19	8/27/19	11/19/19	6/23/20	9/29/20	12/01/20	4/06/21	6/29/21	9/28/21	12/01/21
VOCs	(µg/L)										
1,2,4-Trimethylbenzene	5*	0.32 J	U	U	U	0.38 J	0.53 J	0.26 J	0.40 U	1.5 U	1.5 U
1,3,5-Trimethylbenzene	5*	U	U	U	U	U	0.24 J	U	0.40 U	1.5 U	1.5 U
Benzene	1	3.2	3.7	6.3	1.3	4.1	5.8	1.4	1.5	0.47	0.73
Ethylbenzene	5*	0.50 J	U	U	U	U	U	U	0.40 U	0.75 U	0.75 U
Isopropylbenzene	5*	0.48 J	U	U	U	U	U	U	0.40 U	0.75 U	0.75 U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	0.80 U	0.75 U	0.75 U
n-Butylbenzene	5*	U	U	U	U	U	U	U	0.80 U	1.0 U	1.0 U
n-Propylbenzene	5*	U	U	U	U	U	U	U	0.40 U	1.0 U	1.0 U
m,p-Xylene (Sum of Isomers)	5*	U	0.15 J	0.39 J	U	0.45 J	0.36 J	0.28 J	0.80 U	0.80 U	0.80 U
Naphthalene	10	U	0.24 J	U	U	U	U	U	0.80 U	3.0 U	3.0 U
o-Xylene	5*	0.27 J	U	U	U	U	U	U	0.40 U	0.75 U	0.75 U
p-Isopropyltoluene	5*	U	U	U	U	U	U	U	0.40 U	1.5 U	1.5 U
sec-Butylbenzene	5*	U	U	U	U	U	U	U	0.40 U	1.5 U	1.5 U
tert-Butylbenzene	5*	U	U	U	U	U	U	U	0.40 U	1.0 U	1.0 U
Toluene	5*	U	U	U	U	U	U	U	0.40 U	0.75 U	0.75 U
Total VOCs		4.77	4.09	6.69	1.3	4.93	6.93	1.94	0.80 U	0.75 U	0.75 U

Sample Location	NYS AWQ	789MW-251												
Date of Collection	S/GV	4/04/19	6/20/19	11/02/19	6/23/20	9/29/20	12/01/20	6/23/20	9/29/20	12/01/20	4/06/21	6/29/21	9/28/21	12/01/21
VOCs	(µg/L)													
1,2,4-Trimethylbenzene	5*	110	0.56 J	0.30 J	9.5	16	16	9.5	16	16	0.24 J	0.40 U	1.5 U	1.5 U
1,3,5-Trimethylbenzene	5*	53	0.74 J	U	2.9	4.6	4.6	2.9	4.6	4.6	U	0.40 U	1.5 U	1.5 U
Benzene	1	38	0.20 J	2.4	0.96 J	1.1	0.80 J	0.96 J	1.1	0.80 J	1.9	0.40 U	0.45 U	0.45 U
Ethylbenzene	5*	20	0.56 J	U	0.23 J	0.88 J	1.0	0.23 J	0.88 J	1.0	U	0.40 U	0.75 U	0.75 U
Isopropylbenzene	5*	9.5	U	U	U	0.24 J	0.24 J	U	0.24 J	0.24 J	U	0.40 U	0.75 U	0.75 U
tert-Butyl Methyl Ether	10	U	U	U	U	U	U	U	U	U	U	0.80 U	0.75 U	0.75 U
n-Butylbenzene	5*	U	U	U	U	0.55 J	0.67 J	U	0.55 J	0.67 J	U	0.80 U	1.0 U	1.0 U
n-Propylbenzene	5*	18	U	U	U	U	U	U	U	U	U	0.40 U	1.0 U	1.0 U
m,p-Xylene (Sum of Isomers)	5*	38	U	0.24 J	6.4	11	10	6.4	11	10	0.22 J	0.80 U	0.80 U	0.80 U
Naphthalene	10	69	U	U	2.6	3.8 J	4.9	2.6	3.8 J	4.9	U	0.80 U	3.0 U	3.0 U
o-Xylene	5*	23	0.87 J	0.40 J	3.1	5.6	7.2	3.1	5.6	7.2	U	0.40 U	0.75 U	0.75 U
p-Isopropyltoluene	5*	8.9	0.67 J	U	0.37 J	0.52 J	0.75 J	0.37 J	0.52 J	0.75 J	U	0.40 U	1.5 U	1.5 U
sec-Butylbenzene	5*	10	U	U	U	0.34 J	U	U	0.34 J	U	U	0.40 U	1.5 U	1.5 U
tert-Butylbenzene	5*	1.2	U	U	U	U	U	U	U	U	U	0.40 U	1.0 U	1.0 U
Toluene	5*	4.2	U	0.17 J	0.78 J	1.7	1.4	0.78 J	1.7	1.4	U	0.40 U	0.75 U	0.75 U
Total VOCs		402.8	3.6	3.51	26.84	46.33	47.56	26.84	46.33	47.56	2.36	0.80 U	0.75 U	0.75 U

Notes
Results are compared to the New York State (NYS) Department of Environmental Conservation Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Values (S/GV).
* - The principal organic contaminant standard for groundwater of 5 micrograms per liter (µg/L) applies to this substance.
Shaded values are above the NYS AWQ S/GV.
B - The analyte was also detected in a blank.
U - The analyte was analyzed for, but not detected. The associated numerical value is at or below the method detection limit (MDL).
M - The differences between the two recoveries are outside of the relative percent difference limit.
D - Dilution required due to high concentration of target analyte(s).
Q - One or more quality control criteria failed.
F - Analyte was positively identified above the MDL, however the concentration is below the reporting limit (RL).
J - The analyte was positively identified, the quantitation is an approximation.

♦ - Denotes higher nominal value of duplicate sample result.
Results presented in micrograms per liter (µg/L).

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Tables

Appendix B-4
SS067 (Building 789) Acetone Results (April 2019 – December 2024)

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B-4 SS067 (Building 789)
Acetone Results (April 2019 - December 2024)
Former Griffiss AFB, Rome, New York

Sample Date:	April 2019	June 2019	August 2019	November 2019	December 2020	April 2021	June 2021	September 2021	December 2021
Sample Event:	2019 Quarter 1	2019 Quarter 2	2019 Quarter 3	2019 Quarter 4	2020 Quarter 4	2021 Quarter 1	2021 Quarter 2	2021 Quarter 3	2021 Quarter 4
Location ID:	Acetone (µg/L)								
789MW-46R	**2.2 J**	NS	**17**	NS	NS	NS	6.4 UM	7.5 U	NS
789MW-83	6.4 U	**7.2 J**	**9 J**	6.4 U	6.4 U	6.4 U	6.4 U	7.5 U	7.5 U
789MW-95	**2.6 J**	NS	**6.9 J**	NS	NS	NS	6.4 U	NS	7.5 U
789MW-98	NS	NS	**470 D**	64 UM	64 UM	**300**	130 UM	**56.5 J**	7.5 U
789MW-99	6.4 UM / 6.4 UM*	6.4 UM / 6.4 UM*	**120** / 6.4 UMQ*	6.4 UM / 6.4 UM*	6.4 UM / 6.4 UM*	**54 / 54***	6.4 UM / 6.4 UM*	**54.4 J / 23.2 J***	7.5 U / 7.5 U*
789MW-102	NS	NS	26 UMQ	NS	NS	NS	26 UM	NS	7.5 U
789MW-135	NS	NS	NS	NS	NS	NS	NS	NS	NS
789MW-216	6.4 U	**5.1 J**	6.4 UQ	**2.2 J**	6.4 U	6.4 U	6.4 U	7.5 U	7.5 U
789MW-222	6.4 U	6.4 UM	6.4 UQ	**14**	6.4 UM	6.4 U	6.4 UM	7.5 U	7.5 U
789MW-251	**170**	**48**	6.4 UMQ	6.4 UM	6.4 UM	**260**	**39**	**34.4 J**	7.5 U

Sample Date:	March 2022	June 2022	August 2022	October 2022	March 2023	June 2023	September 2023	October 2023
Sample Event:	2022 Quarter 1	2022 Quarter 2	2022 Quarter 3	2022 Quarter 4	2023 Quarter 1	2023 Quarter 2	2023 Quarter 3	2023 Quarter 4
Location ID:	Acetone (µg/L)							
789MW-46R	NS	NS	**32.4**	**21 J**	NS	20 U	25.8 U	10 U
789MW-83	20 U	20 UJ	20 U	20 U / 20 U*	20 U	20 U	25 U	10 U
789MW-95	NS	NS	20 U	20 U	NS	20 U	NS	10 U
789MW-98	**244**	20 U	**112**	**549**	**49.3**	**190**	NS	20 U
789MW-99	**67.5 / 66.1***	20 U / 20 U*	**44.2**	**56**	20 U / 20 U*	20 U	25 UJ	10 U
789MW-102	NS	NS	**178**	400 U	NS	200 U	NS	NS
789MW-135	NS	NS	20 U	20 U	NS	20 U	20 U	10 U
789MW-216	20 U	20 U	20 U / 20 U*	20 UJ	20 U	20 U / 20 U*	25 U / 25 U*	10 U
789MW-222	20 U	20 U	20 U	20 U	20 U	20 U	25 U	10 U
789MW-251	20 U	**18.5 J**	**88.2**	20 U	20 U	20 U	25 U	10 U

Sample Date:	March 2024	June 2024	September 2024	December 2024
Sample Event:	2024 Quarter 1	2024 Quarter 2	2024 Quarter 3	2024 Quarter 4
Location ID:	Acetone (µg/L)			
789MW-46R	NS	20 U	NS	20 U
789MW-83	20 U	20 U	20 U	20 U
789MW-95	NS	20 U	NS	20 U
789MW-98	50 U	40 UJ	20 U	NS
789MW-99	20 U / 20 U*	20 U / 20 U*	20 U / 20 U*	20 U / 20 U*
789MW-102	NS	NS	NS	NS
789MW-135	NS	20 U	NS	20 U
789MW-216	20 U	20 U	20 U	20 U
789MW-222	20 U	20 U	20 U	20 U
789MW-251	20 U	20 U	NS	**289**

B-4 SS067 (Building 789)
Acetone Results (April 2019 - December 2024)
Former Griffiss AFB, Rome, New York

Notes:
NS = not sampled
New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality (AWQ) Standards and Guidance Value (S/GV) for acetone = 50 µg/L
µg/L = micrograms per liter
D = the reported value is from a dilution
J = estimated value
M = manual integrated compound
Q = one or more quality control criteria failed
U = not detected; the compound/analyte was analyzed for, but not detected above the associated method detection limit. The non-detect is assigend the value of the Limit of Detection
UJ = target analyte was not detected above the method detection limit; however, the reported detection limit is approximate and may or may not represent the actual Limit of Detection
* = Field Duplicate
Bold = detected above laboratory Limit of Detection
Red = detected above NYSDEC AWQ S/GV

APPENDIX C
FIELD FORMS

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Appendix C-1
2025 Quarter 1 Field Forms

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WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 550672/769

Well No. (**LOCID**): 789BW-04 Well Diameter (**SDIAM**): NA

Date (**LOGDATE**): 4/4/2025 Weather: 48°F Sunny

CASING VOLUME INFORMATION: NA

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION: N/A

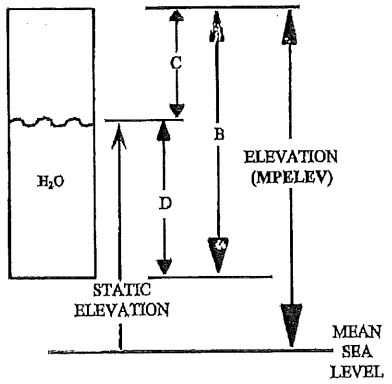
Measured Well Depth (B) (**TOTDEPTH**) _____ ft.

Measured Water Level Depth (C) (**STATDEP**) _____ ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: Surface Water Grab Sample

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1145	—	6.98	0.37	11.36	20.06	10.58	165.9

Sample Time: 1145 Sample ID: 789SW-04_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 55667/789

Well No. (**LOCID**): ~~789SW-03~~ 789SW-03 Well Diameter (**SDIAM**): NA

Date (**LOGDATE**): ~~4/4/2024~~ 4/4/2025 AT 2/18/26 Weather: 45°F sunny

CASING VOLUME INFORMATION: N/A

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION: N/A

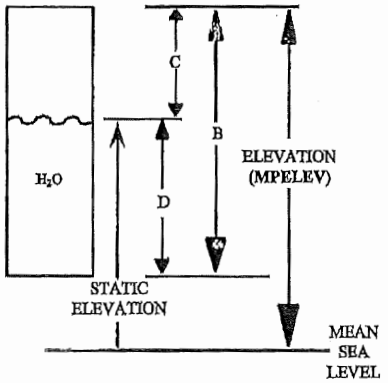
Measured Well Depth (B) (**TOTDEPTH**) _____ ft.

Measured Water Level Depth (C) (**STATDEP**) _____ ft.

Length of Static Water Column (D) = _____ (B) – _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: Surface Water Grab Sample

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1130	–	6.67	.326	11.52	20.05	10.34	167.3

Sample Time: 1130 Sample ID: 789SW-03-0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): SS067/789

Well No. (**LOCID**): 789SW-02 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 4/4/~~2024~~ 2025 AT 2/18/26 Weather: 46°F Sunny

CASING VOLUME INFORMATION: N/A

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION: N/A

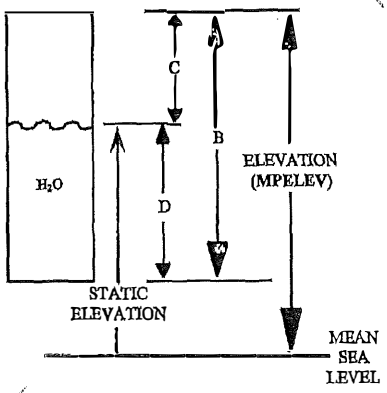
Measured Well Depth (B) (**TOTDEPTH**) _____ ft.

Measured Water Level Depth (C) (**STATDEP**) _____ ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: Surface Water Grabsample

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1110	—	6.90	.36	11.20	20.67	10.20	185.6

Sample Time: 1110 Sample ID: 789SW-02_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 550671789

Well No. (**LOCID**): 789MW-102 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/4/2025 Weather: 46 Sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

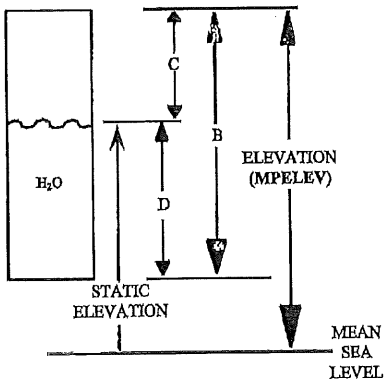
Measured Well Depth (B) (**TOTDEPTH**) 7.89 to product / 7.92 - water ft.

Measured Water Level Depth (C) (**STATDEP**) _____ ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: NA

Physical Appearance/Comments: Has pebbles, stick up

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)

Sample Time: ~~_____~~ Sample ID: ~~_____~~

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 550067 / 789

Well No. (**LOCID**): 789MW-251 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/3/2025 Weather: 44°F Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

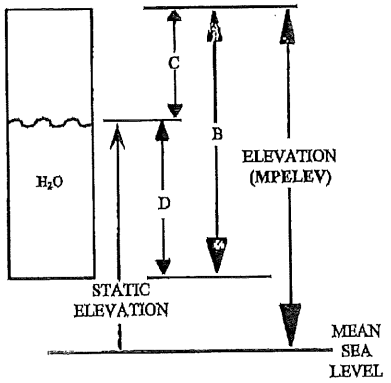
Measured Well Depth (B) (**TOTDEPTH**) 34.40 ft.

Measured Water Level Depth (C) (**STATDEP**) 16.12 ft.

Length of Static Water Column (D) = 34.40 (B) - 16.12 (C) = 18.28 (D) ft.

Casing Water Volume (E) = .16 (A) x 18.28 (D) = 2.92 gal

Minimum Purge Volume = 8.76 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Strong Up Bailed Dry at 2.75 gallons, returning to sample later, collected sample on arrival 1215

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
9:46	1.5	6.3	.57	10.32	172.73	8.58	197.1
1011	2.75	6.69	.57	11.14	525.5	9.74	200.1
1215	—	7.15	.57	12.24	33.01	9.42	135.8

Sample Time: 1215 Sample ID: 789MW-251_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 550607/7849

Well No. (**LOCID**): 789MW-95 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/3/2025 Weather: 62°F Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

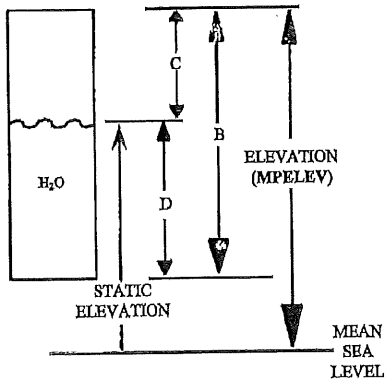
Measured Well Depth (B) (**TOTDEPTH**) 22.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 10.22 ft.

Length of Static Water Column (D) = 22.00 (B) - 10.22 (C) = 11.78 (D) ft.

Casing Water Volume (E) = .16 (A) x 11.78 (D) = 1.88 gal

Minimum Purge Volume = 5.64 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Stick up

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1139	1.0	6.73	.85	10.72	23.69	6.65	118.6
1142	2.0	6.78	.86	10.75	25.75	6.66	118.5
1145	3.5	6.82	.85	10.65	36.03	7.67	117.9
1148	4.7	6.92	.82	10.97	42.89	8.71	117.7
1154	5.65	6.92	.82	11.07	54.00	8.25	123.1

Sample Time: 1155 Sample ID: 789MW-95-0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): SS067/789

Well No. (**LOCID**): 789MW-216 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/3/2025 Weather: 54°F Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

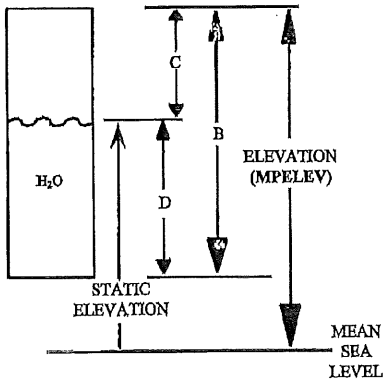
Measured Well Depth (B) (**TOTDEPTH**) 28.50 ft.

Measured Water Level Depth (C) (**STATDEP**) 18.62 ft.

Length of Static Water Column (D) = 28.5 (B) - 18.62 (C) = 9.88 (D) ft.

Casing Water Volume (E) = .16 (A) x 9.88 (D) = 1.58 gal

Minimum Purge Volume = 4.74 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Stick Up

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1054	.5	6.68	0.63	11.72	856.44	7.05	86.7
1056	1.5	6.79	.64	11.60	354.62	7.38	38.7
1058	2.5	6.69	.65	11.61	325.46	6.51	-21.6
1101	3.5	6.69	.64	11.69	306.01	7.62	-32.3
1106	4.75	6.65	.62	12.71	643.53	6.33	23.5

Sample Time: 1108 Sample ID: 789MW-216-0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): SS067/789

Well No. (**LOCID**): 789-MW83 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/3/2025 Weather: 55 overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

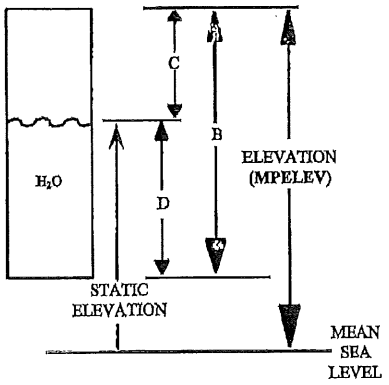
Measured Well Depth (B) (**TOTDEPTH**) 30.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 21.26 ft.

Length of Static Water Column (D) = 30.00 (B) - 21.26 (C) = 8.74 (D) ft.

Casing Water Volume (E) = .16 (A) x 8.74 (D) = 1.4 gal

Minimum Purge Volume = 4.2 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: Flushmount, NO gasket, Missing screw removed water from well vault

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1000	.5	6.37	.74	13.19	27.81	8.41	128.1
1002	1.5	6.57	.63	13.86	29.49	9.12	87.7
1004	2.5	6.45	.59	14.37	56.59	9.56	79.8
1010	3.5	6.55	.71	14.00	33.83	8.13	83.6
1013	4.5	6.53	.70	13.80	31.46	7.83	56.8
1017	6	6.44	.66	13.94	38.02	8.7	63.3
1020	7	6.55	.63	13.63	31.86	7.76	89.3
1023	8.2	6.51	.62	13.69	29.14	8.01	21.4

Sample Time: 1025 Sample ID: 789-MW83-0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): SS062/789

Well No. (**LOCID**): 789MW-98 Well Diameter (**SDIAM**): 4"

Date (**LOGDATE**): 4/2/2025 Weather: 40° F overcast/drizzle

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

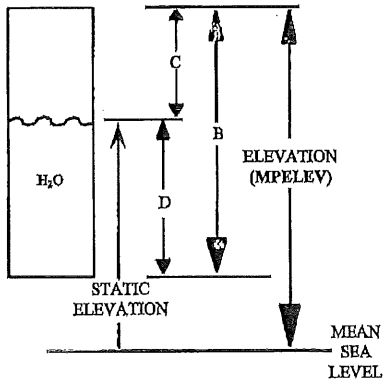
Measured Well Depth (B) (**TOTDEPTH**) 19.85 ft.

Measured Water Level Depth (C) (**STATDEP**) 16.62 ft.

Length of Static Water Column (D) = 19.85 (B) - 16.62 (C) = 3.23 (D) ft.

Casing Water Volume (E) = .65 (A) x 3.23 (D) = 2.1 gal

Minimum Purge Volume = 6.3 gal (3 well volumes)



Purge Date and Method: Bailer

Physical Appearance/Comments: flush mount 3 J-plug good, product in H_2O, no sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)

Sample Time: _____ Sample ID: 789-MW98_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS/AS

Location and Site Code (**SITEID**): 55067/789

Well No. (**LOCID**): 789MW-99_0325 Well Diameter (**SDIAM**): 4"

Date (**LOGDATE**): 4/2/25 Weather: 37°F overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

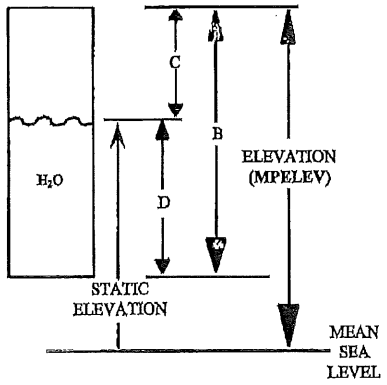
Measured Well Depth (B) (**TOTDEPTH**) 27.06 ft.

Measured Water Level Depth (C) (**STATDEP**) 17.93 ft.

Length of Static Water Column (D) = 27.06 (B) - 17.93 (C) = 9.13 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 9.13 (D) = 5.94 gal

Minimum Purge Volume = 17.82 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments:

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1600	3.5	6.98	1.091	9.76	27.31	6.05	-55.8
1606	7.0	6.92	1.082	9.88	16.17	6.68	-54.3
1614	10.5	7.02	1.04	9.6	27.86	7.84	-53.6
1631	14.5	7.07	1.00	9.91	181.35	9.48	-2.6
1647	18.0	7.07	0.99	10.41	70.34	9.16	-26.6

Sample Time: 1650 Sample ID: 789MW-99_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Sampled by: LS/AS

Location and Site Code (**SITEID**): SS0671789

Well No. (**LOCID**): 789MW6R_0325 Well Diameter (**SDIAM**): 4"

Date (**LOGDATE**): 4/2/25 Weather: 37°F overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

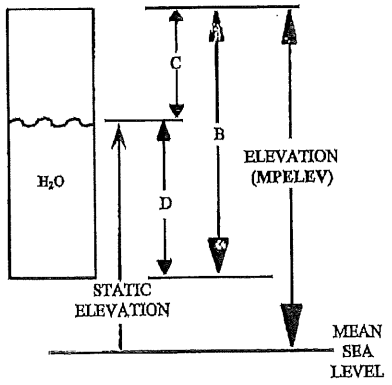
Measured Well Depth (B) (**TOTDEPTH**) 29.70 ft.

Measured Water Level Depth (C) (**STATDEP**) 18.85 ft.

Length of Static Water Column (D) = 29.70 (B) - 18.85 (C) = 10.85 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 10.85 (D) = 7.05 gal

Minimum Purge Volume = 21.16 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: good, locked, j-plug good

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1431	5	6.89	0.57	7.83	3410.2	6.14	175.3
1440	10	7.27	0.59	6.61	749.13	5.33	150.2
1444	15	7.04	0.59	7.42	1034.5	4.76	95.4
1450	20	7.02	0.59	7.32	1796.1	4.44	7.5
1455	22.5	6.99	0.62	7.75	221.73	4.77	-44.3
1458	25	6.97	0.62	7.61	998.03	6.19	-8.7
1502	28	6.98	0.49	7.06	716.81	6.83	26.1
1507	35	7.01	0.62	7.65	366.23	6.15	31.0
1510	37.5	6.98	0.61	8.09	354.76	7.56	32.0
1513	38.5	6.95	0.63	8.14	523.28	8.75	33.9

Sample Time: 1515 Sample ID: 789MW-46R_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: LS, SG

Location and Site Code (**SITEID**): 55067/789

Well No. (**LOCID**): 789MW-135 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/2/25 Weather: 37°F overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

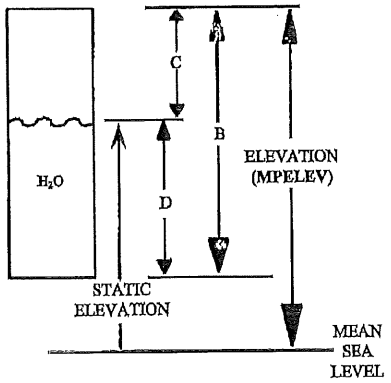
Measured Well Depth (B) (**TOTDEPTH**) 32.94 ft.

Measured Water Level Depth (C) (**STATDEP**) 26.35 ft.

Length of Static Water Column (D) = 32.94 (B) - 26.35 (C) = 6.59 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.59 (D) = 1.05 gal

Minimum Purge Volume = 3.15 gal (3 well volumes)



Purge Date and Method: bailing

Physical Appearance/Comments: flush mount, missing 7/16" bolt, no lock, J-plug good

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1332	0.5	7.09	0.55	9.31	75.51	7.88	146.3
1334	1	7.19	0.56	10.13	150.29	8.12	177.4
1336	2	7.22	0.54	9.78	209.95	7.72	170.7
1339	2.5	7.22	0.53	9.94	154.00	9.36	164.8
1341	3.5	7.20	0.54	10.14	115.95	7.13	163.4

Sample Time: 1345 Sample ID: 789MW-135_0325

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss AFB Sampled by: AS, LS

Location and Site Code (**SITEID**): SS0671789

Well No. (**LOCID**): 789MW-222 Well Diameter (**SDIAM**): 2"

Date (**LOGDATE**): 4/2/25 Weather: 35°F overcast

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

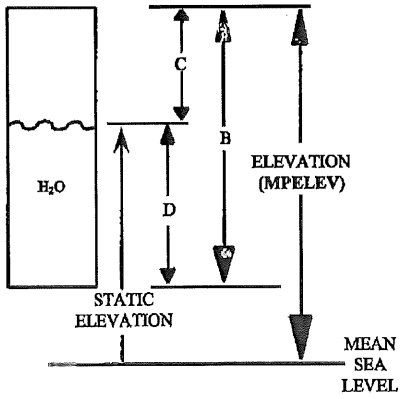
Measured Well Depth (B) (**TOTDEPTH**) 30.28 ft.

Measured Water Level Depth (C) (**STATDEP**) 22.17 ft.

Length of Static Water Column (D) = 30.28 (B) - 22.17 (C) = 8.11 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.11 (D) = 1.3 gal

Minimum Purge Volume = 3.9 gal (3 well volumes)



Purge Date and Method: bailer

Physical Appearance/Comments: good, j-plug, locked

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1145	1	6.96	0.71	9.93	75.95	6.35	169.7
1146	2	7.27	0.62	9.79	129.93	4.35	139.3
1149	2.5	7.36	0.74	9.06	115.96	5.63	126.2
1152	3.5	7.34	0.79	8.61	125.80	6.15	121.6
1157	4.5	7.31	0.86	8.98	56.27	5.74	117.3
1203	5.5	7.35	0.82	8.17	40.80	7.17	110.9
1207	6.5	7.35	0.80	8.91	31.40	6.62	103.5
1211	7.5	7.34	0.92	8.96	20.92	7.05	102.7
1214	8	7.30	0.84	9.16	15.34	4.76	92.1

Sample Time: 1230 Sample ID: 789-MW-222_0325,-MS,-SD

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

SS067 Free Product Gauging and Bailing Field Form

Date: 4/7/2025
Personnel: Sunderland/Sinisgalli
Weather: Partly cloudy, mid-40's

	Before Bailing			FP Volume Recovered	After Bailing		
	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)	(gal)	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)
789MW-96	19.20	20.81	1.61	1.50	23.10	23.37	0.27
789MW-98	16.61	16.62	0.01	0.00	16.61	16.62	0.01
789MW-102	7.90	8.13	0.23	0.03	7.95	7.99	0.04
789RW-200	17.21	17.62	0.41	0.41	20.60	20.73	0.13
789RW-202	17.33	19.02	1.69	2.00	23.02	23.10	0.08
789RW-205**	17.34	17.76	0.42	0.37	19.30	19.47	0.17
789RW-219 Inner*	-	-	-	-	-	-	-
789RW-219 Outer	18.04	18.59	0.55	0.33	19.23	19.34	0.11
789MW-252	19.75	21.81	2.06	0.25	21.04	21.05	0.01
789MW-253	-	16.70	0.00	0.00	-	-	
789MW-254[1]	Unknown	21.04 (estimated)	Unknown	0.75	21.39	21.64	0.25

*Inner casing removed by S. Haskins on 12/1/21

** Found damaged in August 2022. Measurements made below normal measuring point.

[1] - Heavy Iron Floc observed in the well, making it difficult to get accurate DTW and DTP. Field crew suspected FP was present based on contents of a bailer.

Appendix C-2
2025 Quarter 2 Field Forms

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WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: Gavin Wilbert, Angelo Smisgalli

Location and Site Code (**SITEID**): 55067

Well No. (**LOCID**): 789MW-135 Well Diameter (**SDIAM**): 8"

Date (**LOGDATE**): 6/11/25 Weather: 63°F, mostly Sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

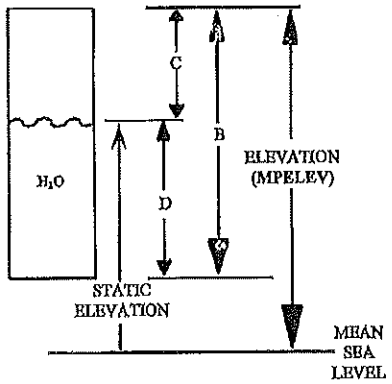
Measured Well Depth (B) (**TOTDEPTH**) 33.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 24.55 ft.

Length of Static Water Column (D) = 33.00 (B) - 24.55 (C) = 8.45 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.45 (D) = 1.35 gal

Minimum Purge Volume = 4.05 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Clear

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0922	1	7.5	0.540	~~199~~ 15.79	199.7	7.5	155.8
0925	2	7.1	0.544	15.21	470.0	7.9	164.6
0929	3	7.1	0.542	15.43	326.8	7.6	154.6
0932	4	7.1	0.539	15.42	416.8	7.5	145.8
0935	5	7.1	0.543	15.42	449.3	7.2	137.1
		0940 Sample time					

Sample Time: 0940 Sample ID: 789MW-135_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: Gavin Wilbert, Alex Gi

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-46R Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/10/25 Weather: 63°F, Rainy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

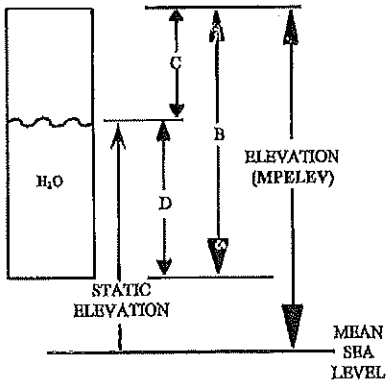
Measured Well Depth (B) (**TOTDEPTH**) 29.65 ft.

Measured Water Level Depth (C) (**STATDEP**) 18.10 ft.

Length of Static Water Column (D) = 29.65 (B) − 18.10 (C) = 11.55 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 11.55 (D) = 7.51 gal

Minimum Purge Volume = 22.53 gal (3 well-volumes)



Purge Date and Method: 6/10/25 / Bailer

Physical Appearance/Comments: Brown/Orange / cloudy

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0913	5	7.23	0.602	17.89	1,114	3.4	19.9
0929	10	7.41	0.599	16.08	1,442	3.6	8.9
0943	15	7.49	0.583	15.71	1,886	5.2	16.5
0959	20	7.48	0.593	16.56	1,629	4.0	10.2
1009	22.60	7.48	0.590	15.64	1,728	4.3	-3.1
	1012 Sample time						

Sample Time: 1012 Sample ID: 789MW-46R_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: Gavin Wilbert, Angelo Sinisgalli

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-83 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 60°F, Mostly Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

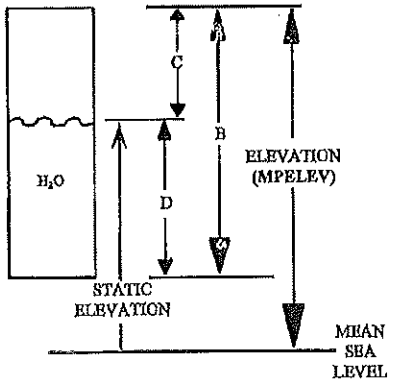
Measured Well Depth (B) (**TOTDEPTH**) 30.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 19.48 ft.

Length of Static Water Column (D) = 30.00 (B) - 19.48 (C) = 10.52 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 10.52 (D) = 1.68 gal

Minimum Purge Volume = 5.04 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Clear

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0826	1	6.9	0.823	15.43	17.83	5.9	213.5
0829	2	6.7	0.838	15.44	15.97	4.3	198.8
0833	3	6.9	0.838	15.87	17.11	3.3	162.1
0835	4	6.9	0.843	15.88	11.88	4.3	145.4
0839	5.1	7.0	0.838	15.88	13.97	3.0	124.4
	0844	Sample time					

Sample Time: 0844 Sample ID: 789MW-83_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: Gavin Wilbert, Angelo Smisgall, Alex Gil

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789mw-95 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 66°F, mostly Sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

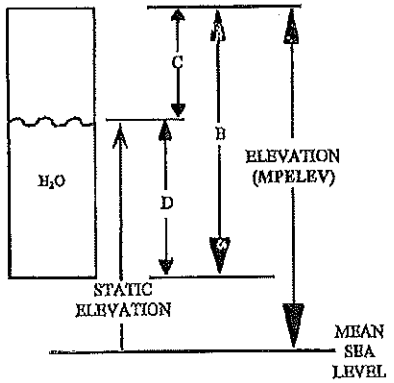
Measured Well Depth (B) (**TOTDEPTH**) 22.07 ft.

Measured Water Level Depth (C) (**STATDEP**) 9.69 ft.

Length of Static Water Column (D) = 22.07 (B) - 9.69 (C) = 12.38 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 12.38 (D) = 1.98 gal

Minimum Purge Volume = 5.94 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Clear

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1028	1.2	7.2	0.882	17.79	9.64	4.1	132.8
1031	2.4	7.3	0.824	15.07	8.31	6.4	124.5
1033	3.6	7.2	0.804	15.96	10.71	6.7	122.8
1034	4.8	7.1	0.804	15.09	25.66	6.3	125.6
1037	6	7.1	0.790	15.08	36.46	7.2	122.9
1039	6.5	7.1	0.791	15.08	42.16	7.4	118.5
		1046	Sample	time			

Sample Time: 1046 Sample ID: 789mw-95_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: Gavin Wilbert, Angelo Sinisgalli, Alex Gil

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 189MW-98 Well Diameter (**SDIAM**): 12"

Date (**LOGDATE**): 6/11/25 Weather: 71°F, mostly Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

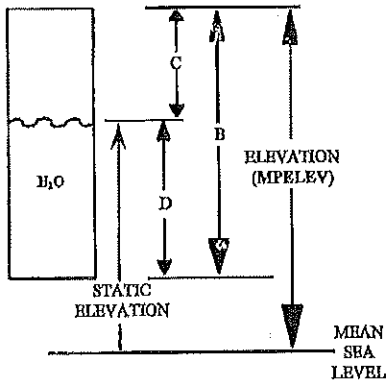
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: —

Physical Appearance/Comments: Jet fuel present, Can not Sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
—	Jet fuel in well, can't sample						—

Sample Time: — Sample ID: —

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: Gavin Wilbert,

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-99 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 71°F, Mostly Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

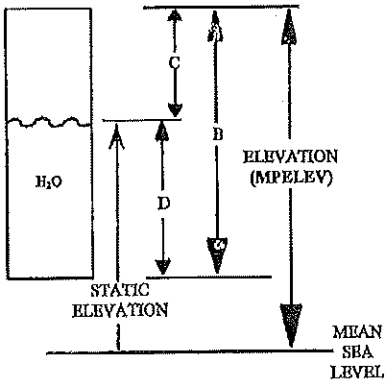
Measured Well Depth (B) (**TOTDEPTH**) 27.09 ft.

Measured Water Level Depth (C) (**STATDEP**) 16.23 ft.

Length of Static Water Column (D) = 27.09 (B) - 16.23 (C) = 10.86 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 10.86 (D) = 7.05 gal

Minimum Purge Volume = 21.15 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Clear

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1352	4.23	7.3	1.101	16.32	25.82	3.5	-50.5
1356	8.46	7.2	1.077	16.62	20.22	5.1	-77.5
1402	12.69	7.2	1.019	16.19	27.51	5.5	-91.1
1407	16.92	7.2	0.999	16.20	17.64	5.4	-88.4
1409	21.20	7.2	0.959	16.20	7.25	6.5	-83.5
		1410, 1420 Sample time					

Sample Time: 1410 / 1420 Sample ID: 789MW-99_0525 / 789MW-99_0525-A

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: Gavin Wilbert, Angelo Sinisgalli, Alex Gil

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-102 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 72°F, mostly cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

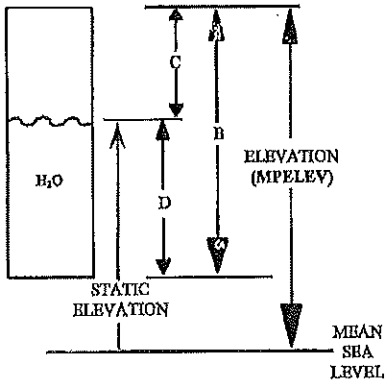
Measured Well Depth (B) (**TOTDEPTH**) _____ ft.

Measured Water Level Depth (C) (**STATDEP**) _____ ft.

Length of Static Water Column (D) = _____ (B) - _____ (C) = _____ (D) ft.

Casing Water Volume (E) = _____ (A) x _____ (D) = _____ gal

Minimum Purge Volume = _____ gal (3 well volumes)



Purge Date and Method: _____

Physical Appearance/Comments: Jet fuel in well, can not sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
	Jet fuel in well, can not sample						

Sample Time: _____ Sample ID: _____

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: Gavin Wilbert, Alex Gil

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-216 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 60°F, mostly Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

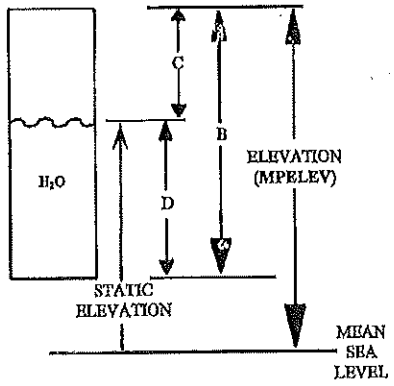
Measured Well Depth (B) (**TOTDEPTH**) 30.96 ft.

Measured Water Level Depth (C) (**STATDEP**) 20.77 ft.

Length of Static Water Column (D) = 30.96 (B) - 20.77 (C) = 10.19 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 10.19 (D) = 1.63 gal

Minimum Purge Volume = 4.89 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Brown / Cloudy

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0824	1	7.5	0.427	15.99	296.0	6.8	208.4
0827	2	7.1	0.420	14.62	587.0	5.6	204.6
0830	3	7.0	0.424	14.46	555.0	4.7	185.6
0834	4	7.2	0.457	14.47	479.1	4.5	153.7
0837	5	7.3	0.433	14.47	433.6	6.5	134.0
	0839	sample time					

Sample Time: 0839 Sample ID: 789MW-216_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: Gavin Wilbert, Alex Gi

Location and Site Code (**SITEID**): SSG67

Well No. (**LOCID**): 789MW-222 Well Diameter (**SDIAM**): 6"

Date (**LOGDATE**): 6/11/25 Weather: 63°F, mostly sunny

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

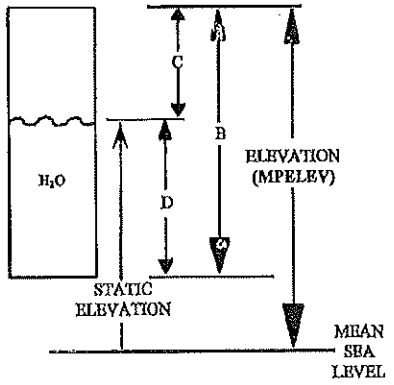
Measured Well Depth (B) (**TOTDEPTH**) 30.26 ft.

Measured Water Level Depth (C) (**STATDEP**) 21.87 ft.

Length of Static Water Column (D) = 30.26 (B) - 21.87 (C) = 8.39 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.39 (D) = 1.34 gal

Minimum Purge Volume = 4.02 gal (3 well volumes)



Purge Date and Method: 6/11/25 / Bailer

Physical Appearance/Comments: Brown / gray / cloudy, MSMSD

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0920	0.9	8.0	0.687	17.19	10.19	5.2	150.5
0923	1.8	7.7	0.728	14.71	169.0	6.2	152.5
0926	2.7	7.4	0.758	14.56	107.2	6.0	152.3
0930	3.6	7.4	0.722	14.55	45.23	6.8	141.9
0933	4.5	7.4	0.726	14.55	15.52	5.8	130.5
	0945, 0950, 0955	Sample	time				

Sample Time: 0945 / 0950 / 0955 Sample ID: 789MW-222_0525 / 789MW-222-0525-MS / 789MW-222_0525-SD

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Former Griffiss AFB Sampled by: Gavin Wilbert + Alex G.

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-251 Well Diameter (**SDIAM**): ~~2~~ 6"

Date (**LOGDATE**): 6/10/25 Weather: 70°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

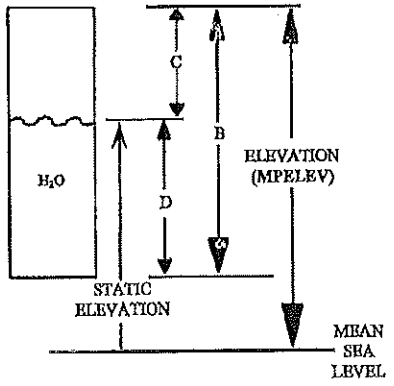
Measured Well Depth (B) (**TOTDEPTH**) 31.08 ft.

Measured Water Level Depth (C) (**STATDEP**) 15.17 ft.

Length of Static Water Column (D) = 31.08 (B) - 15.17 (C) = 15.91 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 15.91 (D) = 2.55 gal

Minimum Purge Volume = 7.65 gal (3 well volumes)



Purge Date and Method: 6/10/25 / Bailer

Physical Appearance/Comments: Clear / Cloudy, 2 vols effervescent

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1047	2.5	7.5	0.560	19.30	1,960	6.9	83.5
1116	3.8	7.8	0.543	15.72	187.5	7.3	69.5
1147	4.7	7.6	0.567	20.85	228.9	7.4	72.3
~~WELL IS NOT RECHARGING, SAMPLE TAKEN~~							
	1200	Sample time					

Sample Time: 1200 Sample ID: 789MW-251_0525

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

SS067 Free Product Gauging and Bailing Field Form

Date: 6/10/25

Personnel: Gavin Wilbert, Angelo Sinisgalli, Alex Gil

-	Before Bailing			FP Volume Recovered	After Bailing		
	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)	(gal)	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)
789MW_96	-	19.30	0.00	-	-	-	0.00
789MW-102	3.60	3.72	0.12	-	-	-	0.12
789RW_200	16.22	16.30	0.08	0.20	14.73	14.78	0.05
789RW_202	9.05	9.35	0.30	0.50	14.73	14.78	0.05
789RW_205**	16.70	16.84	0.14	0.50	17.64	17.70	0.06
789RW_219 Inner*	-	-	-	-	-	-	-
789RW_219 Outer	17.10	18.43	1.33	3.00	19.91	20.05	0.14
789MW_252	18.31	18.41	0.10	0.25	-	22.03	0.00
789MW_253	-	15.66	0.00	-	-	-	0.00
789MW_254	16.65	16.83	0.18	0.25	18.23	18.26	0.03

*Inner casing removed by S. Haskins on 12/1/21

** Found damaged in August 2022. Measurements made below normal measuring point.

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Appendix C-3
2025 Quarter 3 Field Forms

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WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SJ067

Well No. (**LOCID**): 789SW-02 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 9/23/25 Weather: 65°F, Rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

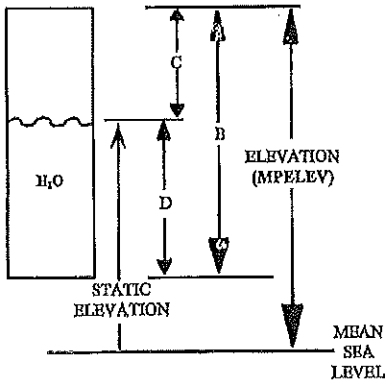
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Surface Water

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1003	—	7.9	0.35	17.70	17.83	7.7	108.6

Sample Time: 1005 Sample ID: 789SW-02_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789SW-03 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 9/23/25 Weather: 65°F, Rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

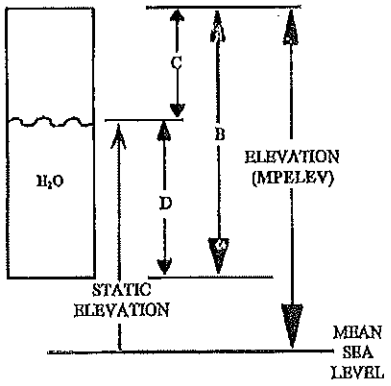
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Surface water

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1014	—	7.8	0.34	17.15	20.95	7.9	111.3

Sample Time: 1015 Sample ID: 789SW-03_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789SW-04 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 9/23/25 Weather: 65°F, Rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

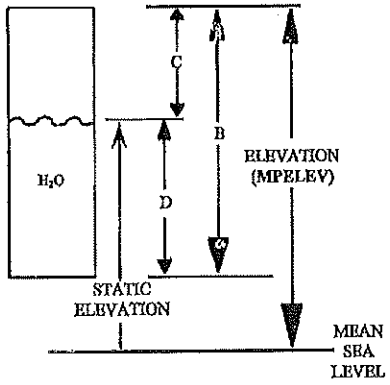
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Surface water

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1026	—	7.8	0.34	17.65	15.39	7.9	137.1

Sample Time: 1027 Sample ID: 789SW-04_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-46R Well Diameter (**SDIAM**): 8.0

Date (**LOGDATE**): 9/23/25 Weather: 68°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

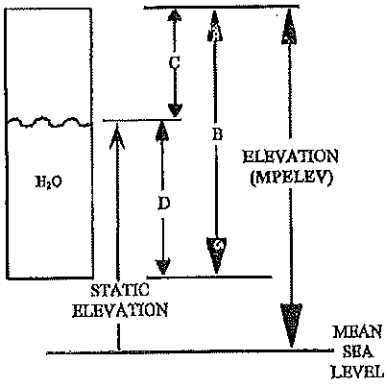
Measured Well Depth (B) (**TOTDEPTH**) 29.60 ft.

Measured Water Level Depth (C) (**STATDEP**) 20.50 ft.

Length of Static Water Column (D) = 29.60 (B) - 20.50 (C) = 9.10 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 9.10 (D) = 5.92 gal

Minimum Purge Volume = 17.76 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Orange in color

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1225	3.5	7.5	0.35	16.97	738.4	3.5	-37.0
1234	7.0	7.5	0.36	15.08	787.0	6.2	-5.3
1242	10.5	7.47	0.36	14.33	1,116	3.98	-53.4
1246	14.0	7.47	0.32	15.97	1,341	4.55	-66.9
1249	18.0	7.45	0.36	14.95	1,897	6.65	-64.3

Sample Time: 1250 Sample ID: 789MW-46R_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-83 Well Diameter (**SDIAM**): 8.0

Date (**LOGDATE**): 9/23/25 Weather: 68°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

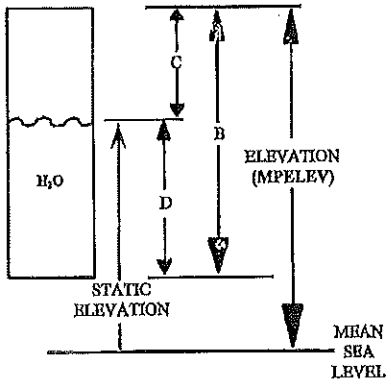
Measured Well Depth (B) (**TOTDEPTH**) 29.95 ft.

Measured Water Level Depth (C) (**STATDEP**) 21.52 ft.

Length of Static Water Column (D) = 29.95 (B) - 21.52 (C) = 8.43 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.43 (D) = 1.35 gal

Minimum Purge Volume = 4.05 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1216	0.9	7.1	0.46	18.04	3.51	5.2	92.0
1219	1.8	7.1	6.46	17.46	8.12	4.6	25.5
1221	2.7	7.2	6.47	16.90	9.83	6.2	-5.6
1225	3.6	7.2	0.47	16.89	24.10	5.4	-36.8
1230	4.5	7.2	0.46	16.90	30.49	6.9	-18.1

Sample Time: 1235 Sample ID: 789MW-83_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former PFB Sampled by: GW, MN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): FBMW-95 Well Diameter (**SDIAM**): 6.0 in

Date (**LOGDATE**): 9/23/25 Weather: 70°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

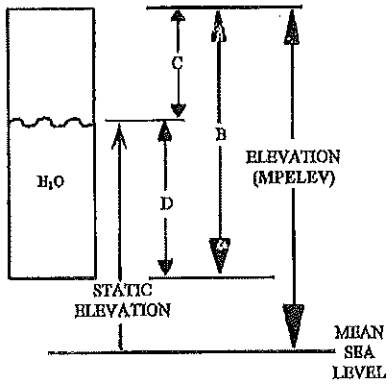
Measured Well Depth (B) (**TOTDEPTH**) 31.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 21.85 ft.

Length of Static Water Column (D) = 31.00 (B) − 21.85 (C) = 9.15 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 9.15 (D) = 1.46 gal

Minimum Purge Volume = 4.38 gal (3 well volumes)



Purge Date and Method: 9/23/25 Bailer

Physical Appearance/Comments: Well went dry

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1430	0.6	6.9	0.50	15.6 F	35.8	6.3	-30.1
	well went dry; will sample 9/24						

Sample Time: 0930 Sample ID: FBMW-95_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM

Location and Site Code (**SITEID**): 55067

Well No. (**LOCID**): 789MW-98 Well Diameter (**SDIAM**): 12.0 in

Date (**LOGDATE**): 9/23/25 Weather: 73°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

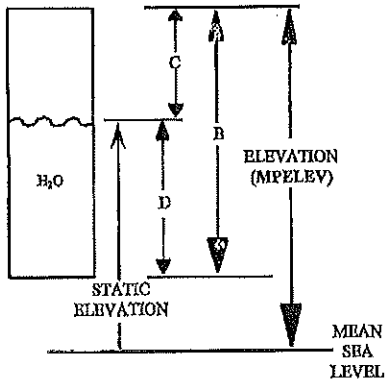
Measured Well Depth (B) (**TOTDEPTH**) 19.84 ft.

Measured Water Level Depth (C) (**STATDEP**) 16.83 ft.

Length of Static Water Column (D) = 19.84 (B) - 16.83 (C) = 3.01 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 3.01 (D) = 1.96 gal

Minimum Purge Volume = 5.88 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Product present: 16.83 DTW 16.81 DTP, Can not sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
—	—	PRODUCT PRESENT @ 16.81 ft bgs					—

Sample Time: — Sample ID: —

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-99 Well Diameter (**SDIAM**): 6.0 in

Date (**LOGDATE**): 9/23/25 Weather: 70°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

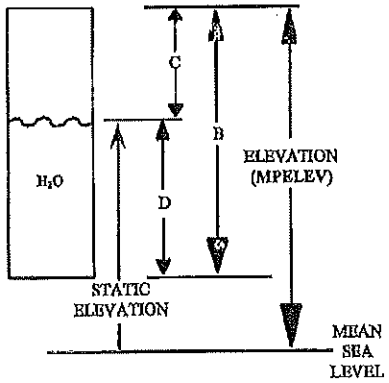
Measured Well Depth (B) (**TOTDEPTH**) 28.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 17.45 ft.

Length of Static Water Column (D) = 28.00 (B) - 17.45 (C) = 10.55 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 10.55 (D) = 6.86 gal

Minimum Purge Volume = 20.58 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: DUPE

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1553	4.0	7.6	0.67	15.12	46.63	3.6	-130.6
1557	8.0	7.7	0.64	14.68	57.04	6.1	-137.9
1617	12.0	7.8	0.61	17.08	391.9	6.0	-136.9
1628	16.0	7.7	0.60	17.07	293.0	6.2	-116.5
1646	21.0	7.7	0.60	17.07	102.3	7.0	-121.9

Sample Time: 1650 Sample ID: 789MW-99_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-102 Well Diameter (**SDIAM**): 6.0

Date (**LOGDATE**): 9/23/25 Weather: _____

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

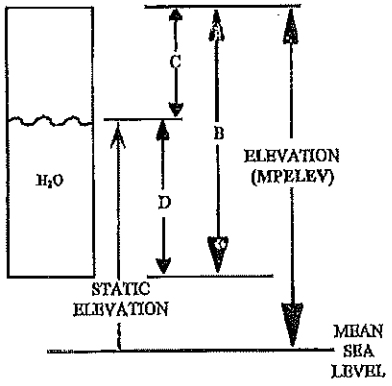
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Product present, can not Sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
—	PRODUCT PRESENT	—			—	—	—

Sample Time: — Sample ID: —

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM

Location and Site Code (**SITEID**): 550607

Well No. (**LOCID**): 789MW-135 Well Diameter (**SDIAM**): 8.0

Date (**LOGDATE**): 9/23/25 Weather: 65°F, Rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

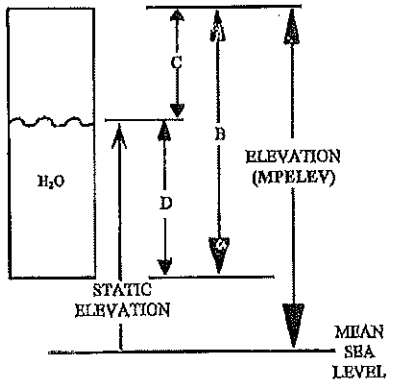
Measured Well Depth (B) (**TOTDEPTH**) 32.85 ft.

Measured Water Level Depth (C) (**STATDEP**) 26.62 ft.

Length of Static Water Column (D) = 32.85 (B) − 26.62 (C) = 6.23 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.23 (D) = 0.99 gal

Minimum Purge Volume = 2.97 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: J-plug was found on the ground next to vault, PVC uncovered upon opening

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1109	0.6	7.48	0.312	16.46	15.36	7.06	178.6
1112	0.6	7.65	0.308	16.22	24.98	8.09	26.6
1115	0.6	7.46	0.307	15.88	19.45	8.05	22.5
1120	0.6	7.47	0.310	16.33	32.90	7.72	28.2
1125	0.6	7.66	0.306	16.10	47.91	8.40	-3.8

Sample Time: 1130 Sample ID: 789MW-135_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, NN

Location and Site Code (**SITEID**): 550607

Well No. (**LOCID**): 789MW-216 Well Diameter (**SDIAM**): 4.0

Date (**LOGDATE**): 9/23/25 Weather: 65°F, Rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

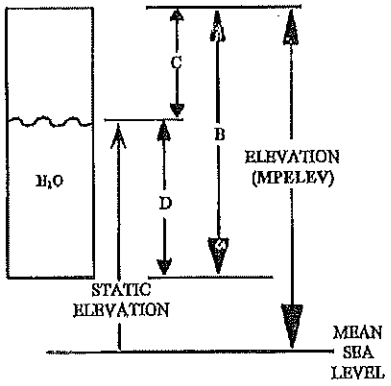
Measured Well Depth (B) (**TOTDEPTH**) 29.00 ft.

Measured Water Level Depth (C) (**STATDEP**) 20.52 ft.

Length of Static Water Column (D) = 29.00 (B) - 20.52 (C) = 8.48 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.48 (D) = 1.36 gal

Minimum Purge Volume = 4.08 gal (3 well volumes)



Purge Date and Method: 9/23/25 / Bailer

Physical Appearance/Comments: Orange in color

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1110	0.9	7.3	0.32	16.50	151.7	6.5	-89.3
1114	1.8	7.6	0.32	16.01	493.1	6.4	-112.7
1118	2.7	7.6	0.32	15.82	489.4	6.4	-119.7
1122	3.6	7.6	0.32	15.81	1,304	5.1	-127.0
1130	4.5	7.6	0.32	15.81	757.6	6.4	-101.8

Sample Time: 1135 Sample ID: 789MW-216_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW, AM, NN

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-222 Well Diameter (**SDIAM**): 4.0

Date (**LOGDATE**): 9/23/25 Weather: 65°F, rain

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

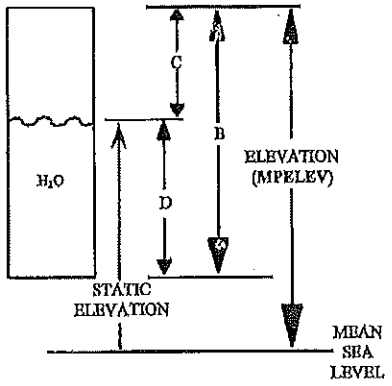
Measured Well Depth (B) (**TOTDEPTH**) 30.27 ft.

Measured Water Level Depth (C) (**STATDEP**) 23.88 ft.

Length of Static Water Column (D) = 30.27 (B) − 23.88 (C) = 6.39 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.39 (D) = 1.02 gal

Minimum Purge Volume = 3.06 gal (3 well volumes)



Purge Date and Method: Bailer / 9/23/25

Physical Appearance/Comments: MSMSD

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0836	0.6	7.5	1.47	15.88	15.94	5.3	135.4
0838	1.2	7.5	1.60	15.38	57.61	6.1	115.0
0840	1.8	7.6	1.59	15.37	47.60	5.7	75.6
0843	2.4	7.6	1.59	15.36	58.25	6.3	43.1
0845	3.1	7.7	1.57	15.36	42.87	6.5	19.1

Sample Time: 0850 Sample ID: 789MW-222_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Former Griffiss AFB Sampled by: GW, AM

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-251 Well Diameter (**SDIAM**): 6.0 in

Date (**LOGDATE**): 9/23/25 Weather: 70°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

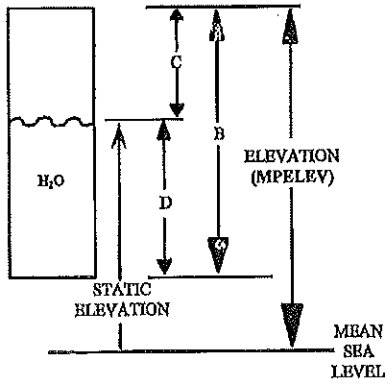
Measured Well Depth (B) (**TOTDEPTH**) 21.98 ft.

Measured Water Level Depth (C) (**STATDEP**) 15.84 ft.

Length of Static Water Column (D) = 21.98 (B) − 15.84 (C) = 6.14 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 6.14 (D) = 0.98 gal

Minimum Purge Volume = 2.94 gal (3 well volumes)



Purge Date and Method: 9/23/25 Bailer

Physical Appearance/Comments: Well went dry

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1421	0.6	7.2	0.27	16.20	1.54	6.2	153.7
1425	1.2	7.2	0.43	15.92	21.94	5.9	179.5
—	well ran dry; will sample					9/25	—

Sample Time: 0950 Sample ID: 789MW-251_0925

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

SS067 Free Product Gauging and Bailing Field Form

Date:9/22/2025

Personnel: Gavin Wilbert, Nate Naresky

	Before Bailing			FP Volume Recovered	After Bailing		
	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)	(gal)	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)
789MW-96	21.22	21.30	0.08	0.05	22.20	22.23	0.03
789MW-102	8.37	8.57	0.20	0.03	8.84	8.86	0.02
789RW-200	18.42	18.74	0.32	0.50	18.96	19.15	0.19
789RW-202	18.70	18.88	0.18	0.30	20.50	20.60	0.10
789RW-205**	18.50	18.54	0.04	0.05	18.84	18.85	0.01
789RW-219 Inner*	-	-	-	-	-	-	-
789RW-219 Outer	18.38	20.28	1.90	1.30	19.75	19.84	0.09
789MW-252	21.56	21.61	0.05	0.00	22.18	22.20	0.02
789MW-253	18.10	18.39	0.29	0.05	19.50	19.55	0.05
789MW-254	20.25	20.85	0.60	0.10	24.34	24.39	0.05

*Inner casing removed by S. Haskins on 12/1/21

** Found damaged in August 2022. Measurements made below normal measuring point.

Appendix C-4
2025 Quarter 4 Field Forms

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WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (SITEID): SS067

Well No. (LOCID): 789MW-98 Well Diameter (SDIAM): 12.0 in

Date (LOGDATE): 11/21/25 Weather: 37°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

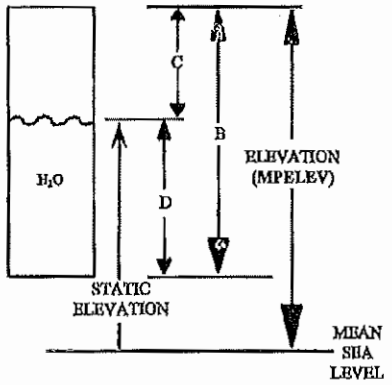
Measured Well Depth (B) (TOTDEPTH) 19.60 ft.

Measured Water Level Depth (C) (STATDEP) 17.43 ft.

Length of Static Water Column (D) = 19.60 (B) - 17.43 (C) = 2.17 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 2.17 (D) = 1.41 gal

Minimum Purge Volume = 4.23 gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: Sheen in well casing, emitting a jet fuel odor, Product present, DTP: 17.42 DTW: 17.43

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0903	0.75	7.2	0.95	11.66	15.14	4.7	-145.5
—	PRODUCT OBSERVED	—	—	—	—	—	—

Sample Time: — Sample ID: 789MW-98-1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: GW + AS

Location and Site Code (SITEID): SS067

Well No. (LOCID): 789MW-99 Well Diameter (SDIAM): 6.0 in

Date (LOGDATE): 11/21/25 Weather: 38°F, mostly Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

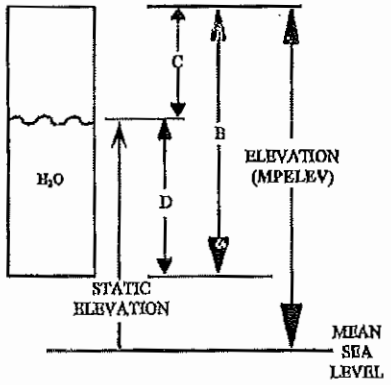
Measured Well Depth (B) (TOTDEPTH) 27.10 ft.

Measured Water Level Depth (C) (STATDEP) 18.71 ft.

Length of Static Water Column (D) = 27.10 (B) - 18.71 (C) = 8.39 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 8.39 (D) = 5.45 gal

Minimum Purge Volume = 16.35 gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0934	3	7.2	1.16	11.16	22.00	8.2	-74.4
0939	6	7.3	1.11	10.58	235.50	5.5	-115.2
0942	9	7.3	1.11	10.85	289.90	7.2	-112.3
0945	12	7.3	1.11	10.95	471.90	7.7	-111.4
1002	15	7.4	1.11	10.96	42.42	8.7	-112.5
1010	16.5	7.4	1.11	10.96	29.38	9.0	-107.5

Sample Time: 1015 / 1020 Sample ID: 789MW-99_1125 / 789MW-99_1125-A

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: GW+AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 189MW-222 Well Diameter (**SDIAM**): 4.0 in

Date (**LOGDATE**): 11/21/25 Weather: 42°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

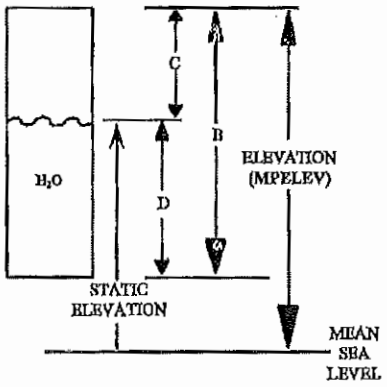
Measured Well Depth (B) (**TOTDEPTH**) 30.34 ft.

Measured Water Level Depth (C) (**STATDEP**) 23.10 ft.

Length of Static Water Column (D) = 30.34 (B) - 23.10 (C) = 7.24 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.24 (D) = 1.16 gal

Minimum Purge Volume = 3.48 gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1111	0.7	7.5	1.57	13.79	8.93	5.1	39.7
1113	1.4	7.5	1.79	13.37	9.88	5.8	22.2
1115	2.1	7.4	1.74	13.02	65.03	6.5	22.2
1116	2.8	7.4	1.74	13.01	91.81	6.5	25.6
1117	3.6	7.4	1.74	13.01	68.01	6.8	28.0

Sample Time: 1120 (1125, 1130) Sample ID: 189MW-222_1125 (189MW-222_1125-MS, 189MW-222_1125-SD)

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW+AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-102 Well Diameter (**SDIAM**): 4.0 in

Date (**LOGDATE**): 11/20/25 Weather: 39°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

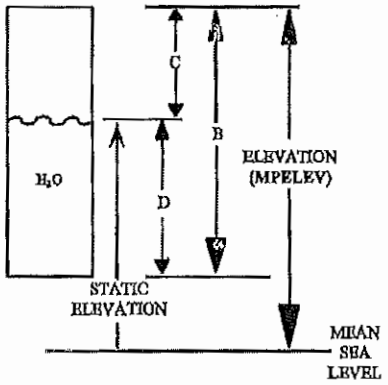
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) 8.30 ft.

Length of Static Water Column (D) = (B) − (C) = (D) ft.

Casing Water Volume (E) = (A) × (D) = gal

Minimum Purge Volume = gal (3 well volumes)



Purge Date and Method:

Physical Appearance/Comments: Product in well → DTP: 8.00 DTW: 8.30

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
— Product present —							

Sample Time: — Sample ID: 789MW-102-1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789SW-02 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 11/21/25 Weather: 42°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

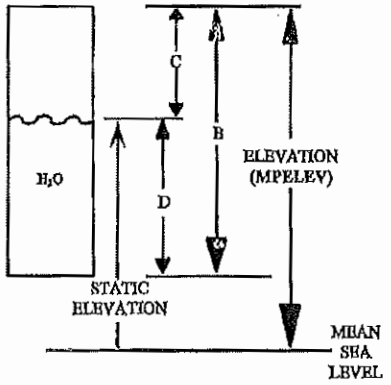
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: Surface Water

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1313	—	7.9	0.44	13.04	39.42	8.7	43.3

Sample Time: 1315 Sample ID: 789SW-02_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: GW + AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 1893W-03 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 11/21/25 Weather: 42°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

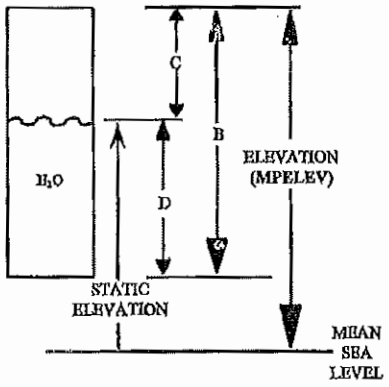
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: Surface water

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1329	—	7.9	0.47	10.75	2.37	9.5	35.9

Sample Time: 1330 Sample ID: 1893W-03_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (**SITEID**): 55067

Well No. (**LOCID**): 789SW-04 Well Diameter (**SDIAM**): —

Date (**LOGDATE**): 11/21/25 Weather: 42°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

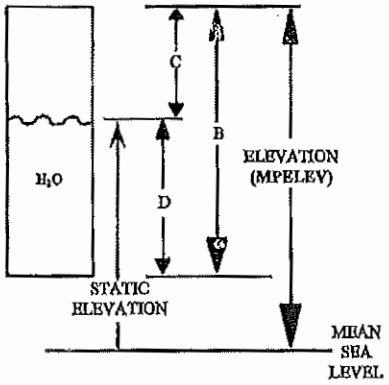
Measured Well Depth (B) (**TOTDEPTH**) — ft.

Measured Water Level Depth (C) (**STATDEP**) — ft.

Length of Static Water Column (D) = — (B) - — (C) = — (D) ft.

Casing Water Volume (E) = — (A) x — (D) = — gal

Minimum Purge Volume = — gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: Surface water

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1342	—	8.0	0.47	10.49	5.70	9.9	61.3

Sample Time: 1343 Sample ID: 789SW-04_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss former AFB Sampled by: GW + AS

Location and Site Code (SITEID): 550067

Well No. (LOCID): 189MW-135 Well Diameter (SDIAM): 8.0 in

Date (LOGDATE): 11/24/25 Weather: 37°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

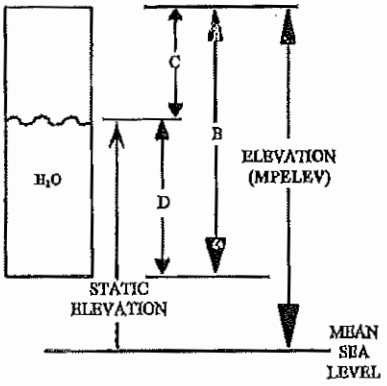
Measured Well Depth (B) (TOTDEPTH) 33.00 ft.

Measured Water Level Depth (C) (STATDEP) 27.61 ft.

Length of Static Water Column (D) = 33.00 (B) - 27.61 (C) = 5.39 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 5.39 (D) = 0.86 gal

Minimum Purge Volume = 2.58 gal (3 well volumes)



Purge Date and Method: 11/24/25, bailer

Physical Appearance/Comments: light brown, Cloudy

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0859	0.5	7.5	0.62	14.39	87.73	7.8	218.9
0902	1.0	7.5	0.54	13.15	130.30	7.7	229.9
0903	1.5	7.5	0.54	13.19	185.70	8.0	287.7
0906	2.0	7.4	0.55	13.18	211.70	7.9	211.1
0907	2.6	7.4	0.55	13.18	219.30	8.0	219.3

Sample Time: 0910 Sample ID: 189MW-135_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (SITEID): SS067

Well No. (LOCID): 789MW-83 Well Diameter (SDIAM): 8.0 in

Date (LOGDATE): 11/24/25 Weather: 38°F, mostly cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

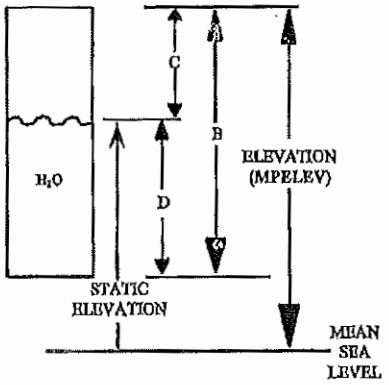
Measured Well Depth (B) (TOTDEPTH) 30.00 ft.

Measured Water Level Depth (C) (STATDEP) 22.80 ft.

Length of Static Water Column (D) = 30.00 (B) - 22.80 (C) = 7.20 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.20 (D) = 1.15 gal

Minimum Purge Volume = 3.45 gal (3 well volumes)



Purge Date and Method: 11/24/25, bailer

Physical Appearance/Comments: None

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
0932	0.7	7.1	0.18	15.68	4.65	6.2	72.7
0935	1.4	6.9	0.30	14.96	18.70	5.7	37.5
0937	2.1	6.9	0.35	14.84	23.61	4.5	-1.7
0939	2.8	6.9	0.41	14.83	32.28	4.5	-8.0
0941	3.5	6.8	0.42	14.83	34.02	4.4	-10.6

Sample Time: 0944 Sample ID: 789MW-~~86~~ 83 -1125 Dup

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-216 Well Diameter (**SDIAM**): 4.0 in

Date (**LOGDATE**): 11/24/25 Weather: 39°F, Cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

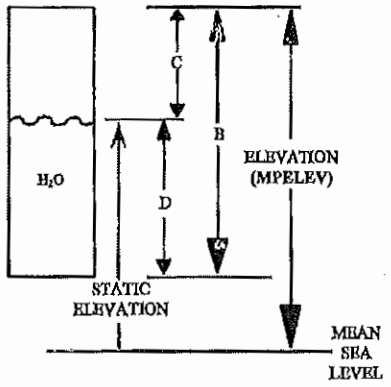
Measured Well Depth (B) (**TOTDEPTH**) 28.67 ft.

Measured Water Level Depth (C) (**STATDEP**) 21.18 ft.

Length of Static Water Column (D) = 28.67 (B) - 21.18 (C) = 7.49 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 7.49 (D) = 1.20 gal

Minimum Purge Volume = 3.60 gal (3 well volumes)



Purge Date and Method: 11/24/25, bailer

Physical Appearance/Comments: orange in color, suspended particulates

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1007	0.8	7.3	0.56	15.26	381.90	6.1	-86.3
1009	1.6	7.2	0.58	14.36	896.40	5.6	-82.4
1011	2.4	7.2	0.58	13.87	974.50	5.7	-83.4
1013	3.0	7.2	0.58	13.86	406.40	5.4	-85.3
1014	3.8	7.2	0.58	13.86	501.10	5.4	-88.8

Sample Time: 1017 Sample ID: 789MW-216_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (SITEID): SS067

Well No. (LOCID): 789MW-95 Well Diameter (SDIAM): 4.0 in

Date (LOGDATE): 11/21/25 - 11/24/25 Weather: 41°F, Cloudy

(1st Bail, 2nd Sample)

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

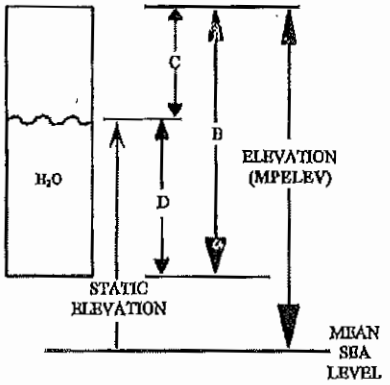
Measured Well Depth (B) (TOTDEPTH) 22.00 ft.

Measured Water Level Depth (C) (STATDEP) 16.71 ft.

Length of Static Water Column (D) = 22.00 (B) - 16.71 (C) = 5.29 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 5.29 (D) = 0.85 gal

Minimum Purge Volume = 2.55 gal (3 well volumes)



Purge Date and Method: 11/21/25, bailer

Physical Appearance/Comments: Well ran dry, will return 11/24/25 to Sample

FIELD MEASUREMENTS:

Allowable Range:		± 0.1	± 5%	±1°C			
Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1047	0.9	7.4	0.66	12.18	25.12	5.7	40.2
1050	1.0	7.3	0.68	11.72	291.50	6.5	50.5
WELL RAN DRY							

Sample Time: 1112 Sample ID: 789MW-95_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Gwinness Farmer AFB Sampled by: GW + AS

Location and Site Code (SITEID): SS067

Well No. (LOCID): 789MW-46R Well Diameter (SDIAM): 6.0 in

Date (LOGDATE): 11/24/25 Weather: 40°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

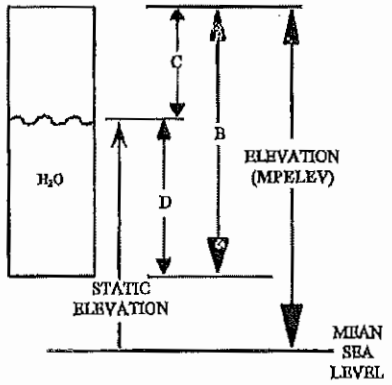
Measured Well Depth (B) (TOTDEPTH) 29.91 ft.

Measured Water Level Depth (C) (STATDEP) 22.24 ft.

Length of Static Water Column (D) = 29.91 (B) - 22.24 (C) = 7.67 (D) ft.

Casing Water Volume (E) = 0.65 (A) x 7.67 (D) = 4.99 gal

Minimum Purge Volume = 14.97 gal (3 well volumes)



Purge Date and Method: 11/24/25, bailer

Physical Appearance/Comments: Water is orange in color, suspended particulates

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1140	2.5	7.3	0.61	14.46	542.20	4.7	-84.8
1141	5.0	7.3	0.62	13.59	436.40	5.9	-90.4
1143	7.5	7.3	0.63	13.08	957.20	6.3	-85.0
1144	10.0	7.3	0.64	12.67	1,040.10	6.3	-82.4
1147	12.5	7.3	0.64	12.66	1,204.00	6.4	-71.4
1148	15.0	7.2	0.64	12.66	1,342.00	6.4	-72.1

Sample Time: 1152 Sample ID: 789MW-46R-1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

WELL PURGING & SAMPLING FORM

Project: Griffiss Former AFB Sampled by: GW + AS

Location and Site Code (**SITEID**): SS067

Well No. (**LOCID**): 789MW-251 Well Diameter (**SDIAM**): 4.0

Date (**LOGDATE**): 11/24/25-11/25/25 Weather: 39°F, cloudy

CASING VOLUME INFORMATION:

Casing ID (inch)	1.0	1.5	2.0	2.2	3.0	4.0	4.3	5.0	6.0	7.0	
Unit Casing Volume (A) (gal/ft)	0.04	0.09	0.16	0.2	0.37	0.65	0.75	1.0	1.5	2.0	2.6

PURGING INFORMATION:

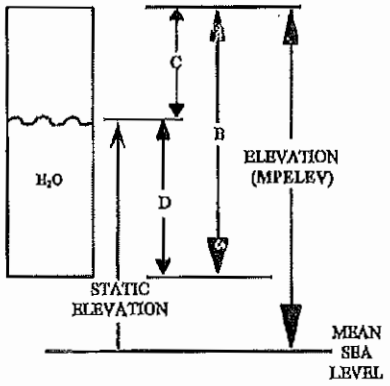
Measured Well Depth (B) (**TOTDEPTH**) 31.12 ft.

Measured Water Level Depth (C) (**STATDEP**) 23.02 ft.

Length of Static Water Column (D) = 31.12 (B) - 23.02 (C) = 8.10 (D) ft.

Casing Water Volume (E) = 0.16 (A) x 8.10 (D) = 1.30 gal

Minimum Purge Volume = 3.90 gal (3 well volumes)



Purge Date and Method: 11/24/25, bailer

Physical Appearance/Comments: Well ran dry, will return 11/25/25 to sample

FIELD MEASUREMENTS:

Allowable Range: ± 0.1 ± 5% ±1°C

Time	Volume Removed (gal)	pH	EC (mS/cm)	Temp. (F or C)	Turbidity (NTU)	D.O. (mg/L)	ORP (mV)
1042	0.8	6.8	0.94	12.41	15.87	4.2	-47.8
1044	1.6	6.9	0.97	11.37	20.10	7.7	-66.6
	WELL	RAN	DRY				

Sample Time: _____ Sample ID: 789MW-251_1125

Note: Attempt to get at least 5 sets of field measurements during purging. Sample may be collected after 3 to 5 well volumes have been removed and parameters have stabilized. Sample may be collected after 6 well volumes if parameters do not stabilize. VOC and gas sensitive (e.g. alkalinity, Fe^{2+}, CH_4, H_2S) parameters should be sampled first.

SS067 Free Product Gauging and Bailing Field Form

Date: 11/20/2025

Personnel: Gavin Wilbert and Angelo Sinisgalli

Weather: 36 ° F, mostly cloudy

	Before Bailing			FP Volume Recovered	After Bailing		
	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)	(gal)	Depth to FP (ft)	Depth to Water (ft)	FP Thickness (ft)
789MW-96	22.12	22.63	0.51	0.30	25.53	25.57	0.04
789MW-102	8.00	8.30	0.30	0.04	8.05	8.09	0.04
789RW-200	19.42	19.47	0.05	0.03	21.14	21.17	0.03
789RW-202	19.54	19.67	0.13	0.10	21.10	21.16	0.06
789RW-205**	19.35	19.53	0.18	0.14	20.71	20.79	0.08
789RW-219 Inner*	-	-	-	N/A	-	-	-
789RW-219 Outer	19.38	21.76	2.38	1.51	22.28	22.34	0.06
789MW-252	22.41	22.49	0.08	0.01	23.33	23.34	0.01
789MW-253	19.50	20.32	0.82	0.13	23.26	23.27	0.01
789MW-254	21.63	22.61	0.98	0.16	24.11	24.14	0.03

*Inner casing removed by S. Haskins on 12/1/21

** Found damaged in August 2022. Measurements made below normal measuring point.

APPENDIX D
DATA VALIDATION REPORTS

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Appendix D-1
2025 Quarter 1 Data Validation Report

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Project:	Griffiss Air Force Base, BECOS
Event:	2025 Griffiss Petro Q1
SDG:	FC23706
Guidance Document:	Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022
Prime Contractor:	Bhate Environmental Associates, Inc., Birmingham, AL
Project Manager:	Kim Nemmers
Contract Laboratory(ies):	SGS North America, Inc., Orlando, FL
Data Review Contractor:	Synectics, Sacramento, CA
Data Review Level:	S2BVEM
Primary Data Reviewer:	Kathryn Cantone, Data Review Chemist
Second Reviewer:	Evin McKinney, Senior Scientist
Date Submitted:	June 25, 2025

Field Sample ID	Lab Sample ID	Matrix	Type/Type Code	SW8260D
789-AB01_0325-D	FC23706-13	Water	Ambient Blank/AB	X
789MW-135_0325	FC23706-1	Water	Field Sample/N	X
789MW-216_0325	FC23706-7	Water	Field Sample/N	X
789MW-222_0325	FC23706-8	Water	Field Sample/N	X
789MW-251_0325	FC23706-9	Water	Field Sample/N	X
789MW-46R_0325	FC23706-2	Water	Field Sample/N	X
789MW-83_0325	FC23706-3	Water	Field Sample/N	X
789MW-95_0325	FC23706-4	Water	Field Sample/N	X
789MW-99_0325	FC23706-5	Water	Field Sample/N	X
789MW-99_0325-A	FC23706-6	Water	Field Duplicate/FD	X
789SW-02_0325	FC23706-10	Water	Field Sample/N	X
789SW-03_0325	FC23706-11	Water	Field Sample/N	X
789SW-04_0325	FC23706-12	Water	Field Sample/N	X
789-TB01_0325-C	FC23706-14	Water	Trip Blank/TB	X

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page at S2BVEM data validation level. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022 and the additional guidance documents incorporated by reference to the extent possible. Where definitive guidance is not provided, results have been evaluated in a conservative manner using professional judgment.

Sample collection was managed and directed by Bhate Environmental Associates, Inc., Birmingham, AL; analyses were performed by SGS North America, Inc., Orlando, FL and were reported under sample delivery group (SDG) FC23706. Data have been evaluated electronically based on electronic data deliverables (EDDs) provided by the laboratory, and hard copy data summary forms have also been reviewed during this effort and compared to the automated review output by the reviewers whose signatures appear on the following page. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative and throughout this report.

All quality control (QC) elements associated with this SDG have been reviewed by a project chemist in accordance with the requirements defined for the project. This review is documented in the attached Data Review Checklists. The QC elements listed below were supported by the electronic deliverable and were evaluated using ADR processes.

- Ambient Blank
- Field Duplicate RPD
- Lab Blank
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time
- Trip Blank

Results of the ADR process were subsequently reviewed and updated as applicable by the data review chemists identified on the signature page. Quality control elements that were not included in the electronic deliverable were reviewed manually and findings are documented within this report. Summaries of findings and associated qualified results are documented throughout this report.

A total of 3 results (0.32%) out of the 952 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected or deemed a serious deficiency (X qualifier). Trace values, defined as results that are qualified as estimated because they fall between the detection limit and the reporting limit/limit of quantitation, are not counted as qualified results in the above count. The qualified results are detailed throughout this report and discussed in the narrative below, where appropriate.

Data Validation Comments

Analytical Method	Data Reviewer Comment
SW8260D	No additional comments; see Checklist for detail.



June 13, 2025

Reviewed by Kathryn Cantone, Data Review Chemist, Synectics, Sacramento, CA

As the First Reviewer, I certify that I have performed a data review process in accordance with the requirements of the project guidance document, and have compared the electronic data to the laboratory's hard copy report and have verified the consistency of the reported sample results and method quality control data between the two deliverables.



Reviewed by Evin McKinney, Senior Scientist, Synectics, Sacramento, CA

June 25, 2025

As the Second Reviewer, I certify that I have performed a quality assurance review of the report generated by the First Reviewer.

Quality Control Outliers for test method SW8260D, Ambient Blank

Ambient blanks are a sample of analyte-free water or air, which is transferred from one vessel to another or exposed to the sampling environment at the sampling site. They measure incidental or accidental sample contamination during the whole process (sampling, transport, sample preparation, and analysis). Summary forms were evaluated and compared to electronic data deliverables. Findings of this review, and contaminants found in ambient blanks are listed below along with any associated qualified results.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789-AB01_0325-D (AB) FC23706-13	Carbon disulfide	1.500	< 0.530	< 2.00	ug/l	U/None*	A1	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

*Blank flags displayed in the above table identify qualification of the sample result when it is less than or equal to the LOQ/RL. Sample results above the LOD or LOQ will be qualified based on the validation guidance assigned in the project setup.

Qualified Results associated with the Ambient Blank for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-04_0325 FC23706-12	N	Carbon disulfide	2.00	1.20 J	2.00 U		ug/l	A1

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, MS Recovery

Data for matrix spikes/matrix spike duplicates (MS/MSD) are generated to determine long-term precision and accuracy of the analytical method on various matrices and to demonstrate acceptable compound recovery by the laboratory at the time of sample analysis. These data alone cannot be used to evaluate the precision and accuracy of individual samples. However, when exercising professional judgment, MS/MSD data can be used in conjunction with other available QC information. Reported results were evaluated to determine compliance with the required acceptance criteria, and summary forms were evaluated and compared to electronic data deliverables. Findings of this review, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789MW-222_0325-MS (MS) FC23706-8MS	Bromomethane	52.00	59 - 143	59 - 143	percent	J/UJ	M	
789MW-222_0325-MS (MS) FC23706-8MS	Ethylbenzene	76.00	81 - 121	81 - 121	percent	J/UJ	M	
789MW-222_0325-SD (SD) FC23706-8MSD	Bromomethane	58.00	59 - 143	59 - 143	percent	J/UJ	M	
789MW-222_0325-SD (SD) FC23706-8MSD	Ethylbenzene	74.00	81 - 121	81 - 121	percent	J/UJ	M	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the MS Recovery for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_0325 FC23706-8	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	M
789MW-222_0325 FC23706-8	N	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	M

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B								
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_0325 FC23706-8	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ		ug/l	M
789MW-222_0325 FC23706-8	N	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ		ug/l	M
789SW-04_0325 FC23706-12	N	Carbon disulfide	2.00	1.00	0.530	1.20 J	2.00 U		ug/l	A1

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOQ) based on the sample concentration.
In instances where no LOD is provided, results are reported down to the LOQ.
Trace values are not included in the qualified results table unless additional reason codes are associated.

Reason Code Definitions

Code	Definition
A1	Ambient Blank
M	MS Recovery
TR	Trace Level Detect

Flag Code and Definitions

Flag	Definition
J	Estimated Value
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.

Bias

-	The result may be biased low
+	The result may be biased high

Note - The bias field is a separate field; however, it is an integral part of the final flag (qualifier) on the sample result

Sample Types

SACODE	Definition
AB	Ambient Blank
BS	Blank Spike
FD	Field Duplicate
LB	Laboratory Blank
MS	Matrix Spike
N	Normal
SD	Matrix Spike Duplicate
TB	Trip Blank

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were the samples received without discrepancies between the samples and the COC?	•			
Were the samples received without discrepancies between the sample labels and the COC?	•			
Were samples relinquished properly on the COC?	•			
Were all samples properly preserved?	•			
Were sampling dates/times, date and time of laboratory receipt of samples, and sample conditions upon receipt at the laboratory (including preservation, pH, and temperature) documented?	•			
Were sample results reported with percent moisture correction if required?			•	
Were analytical methods performed and analysis dates present?	•			
Were all requested target analytes reported?	•			
Were QAPP specified Project Quantitation Limit Goals achieved? (The laboratory LOQ is compared to the QAPP Project Quantitation Goal)		•		Various compounds are reported with detections and non-detects with levels (LOQs) greater than the project PQGs; additionally, not all project PALs were met.
Were holding times met?	•			
Were trip blanks analyzed at the proper frequency and in control?	•			
Were field blanks analyzed at the proper frequency and in control?		•		See QC outliers
Were equipment blanks analyzed at the proper frequency and in control?			•	
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes in the method blank less than DL?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS only
Were LCS/LCSD recoveries within project acceptance limits?	•			
Was the LCS/LCSD RPD within project acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?		•		One of two batches contained SDG specific MS/MSD
Were MS/MSD recoveries within project acceptance limits?		•		See QC outliers
Was the MS/MSD RPD within project acceptance limits?	•			
If ISM ws used for sample collection, were laboratory triplicates analyzed and within project acceptance limits?			•	
Were surrogate recoveries within project acceptance limits?	•			
Were field replicates (duplicates, triplicates, etc.) analyzed at the proper frequency and in control?	•			
Were reported sample concentrations within calibration range?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was instrument tuning completed every 12 hours during sample analysis?	•			
Was the Calibration within project acceptance criteria?	•			
Was a ICV performed after each ICAL prior to sample analysis and within project acceptance criteria?	•			
Were CCVs run at the required frequency and within project acceptance criteria?	•			
Were internal standard retention times and area criteria within project acceptance criteria?	•			
Were internal standards spiked for every sample, standard, and QC sample?	•			
Were instrument run logs present and filled out appropriately?	•			

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were sample preparation sheets present and filled out appropriately?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were DoD QSM corrective actions followed if deviations were noted?			•	
Were any data recommended for exclusion in the data validation process?		•		

Appendix D-2
2025 Quarter 2 Data Validation Report

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Project:	Griffiss Air Force Base, BECOS
Event:	2025 Griffiss Petro Q2
SDG:	FC25417
Guidance Document:	Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022
Prime Contractor:	Bhate Environmental Associates, Inc., Birmingham, AL
Project Manager:	Kim Nemmers
Contract Laboratory(ies):	SGS North America, Inc., Orlando, FL
Data Review Contractor:	Synectics, Sacramento, CA
Data Review Level:	S2BVEM
Primary Data Reviewer:	Craig Walter, Data Review Chemist
Second Reviewer:	Evin McKinney, Senior Scientist
Date Submitted:	July 16, 2025

Field Sample ID	Lab Sample ID	Matrix	Type/Type Code	SW8260D
789-AB01_0525-D	FC25417-10	Water	Ambient Blank/AB	X
789MW-135_0525	FC25417-1	Water	Field Sample/N	X
789MW-216_0525	FC25417-7	Water	Field Sample/N	X
789MW-222_0525	FC25417-8	Water	Field Sample/N	X
789MW-251_0525	FC25417-9	Water	Field Sample/N	X
789MW-46R_0525	FC25417-2	Water	Field Sample/N	X
789MW-83_0525	FC25417-3	Water	Field Sample/N	X
789MW-95_0525	FC25417-4	Water	Field Sample/N	X
789MW-99_0525	FC25417-5	Water	Field Sample/N	X
789MW-99_0525-A	FC25417-6	Water	Field Duplicate/FD	X
789-TB01_0525-C	FC25417-11	Water	Trip Blank/TB	X

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page at S2BVEM data validation level. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022 and the additional guidance documents incorporated by reference to the extent possible. Where definitive guidance is not provided, results have been evaluated in a conservative manner using professional judgment.

Sample collection was managed and directed by Bhate Environmental Associates, Inc., Birmingham, AL; analyses were performed by SGS North America, Inc., Orlando, FL and were reported under sample delivery group (SDG) FC25417. Data have been evaluated electronically based on electronic data deliverables (EDDs) provided by the laboratory, and hard copy data summary forms have also been reviewed during this effort and compared to the automated review output by the reviewers whose signatures appear on the following page. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative and throughout this report.

All quality control (QC) elements associated with this SDG have been reviewed by a project chemist in accordance with the requirements defined for the project. This review is documented in the attached Data Review Checklists. The QC elements listed below were supported by the electronic deliverable and were evaluated using ADR processes.

- Ambient Blank
- Field Duplicate RPD
- Lab Blank
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time
- Trip Blank

Results of the ADR process were subsequently reviewed and updated as applicable by the data review chemists identified on the signature page. Quality control elements that were not included in the electronic deliverable were reviewed manually and findings are documented within this report. Summaries of findings and associated qualified results are documented throughout this report.

A total of 45 results (6.02%) out of the 748 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected or deemed a serious deficiency (X qualifier). Trace values, defined as results that are qualified as estimated because they fall between the detection limit and the reporting limit/limit of quantitation, are not counted as qualified results in the above count. The qualified results are detailed throughout this report and discussed in the narrative below, where appropriate.

Data Validation Comments

Analytical Method	Data Reviewer Comment
SW8260D	No additional comments; see Checklist for detail.

July 10, 2025

Reviewed by Craig Walter, Data Review Chemist, Synectics, Sacramento, CA

As the First Reviewer, I certify that I have performed a data review process in accordance with the requirements of the project guidance document, and have compared the electronic data to the laboratory's hard copy report and have verified the consistency of the reported sample results and method quality control data between the two deliverables.

Reviewed by Evin McKinney, Senior Scientist, Synectics, Sacramento, CA

July 16, 2025

As the Second Reviewer, I certify that I have performed a quality assurance review of the report generated by the First Reviewer.

Quality Control Outliers for test method SW8260D, Continuing Calibration Verification

Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data. Continuing calibration is performed to verify and evaluate instrument performance during sample analysis. Summary forms were evaluated against project acceptance criteria, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
VI3607-CC3572 (CV)	Bromochloromethane	124.0	80 - 120	50 - 150	percent	J/UJ	V2	
VI3607-CC3572 (CV)	Bromoform	121.9	80 - 120	50 - 150	percent	J/UJ	V2	
VI3607-CC3572 (CV)	Styrene	126.7	80 - 120	50 - 150	percent	J/UJ	V2	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Continuing Calibration Verification for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789-AB01_0525-D FC25417-10	AB	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789-AB01_0525-D FC25417-10	AB	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789-AB01_0525-D FC25417-10	AB	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-46R_0525 FC25417-2	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-46R_0525 FC25417-2	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2

Qualified Results associated with the Continuing Calibration Verification for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-46R_0525 FC25417-2	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2
789-TB01_0525-C FC25417-11	TB	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	V2
789-TB01_0525-C FC25417-11	TB	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	V2
789-TB01_0525-C FC25417-11	TB	Styrene	1.00	0.500 U	0.500 UJ		ug/l	V2

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, Field Duplicate RPD

Field duplicate analyses are performed in order to assess sample collection/laboratory precision for each sample matrix. Summary forms were evaluated and compared to electronic data deliverables. Field duplicate results that were outside of the acceptance criteria are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789MW-99_0525-A (N) FC25417-6	Benzene	45.90	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0525-A (N) FC25417-6	Cumene	69.03	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0525-A (N) FC25417-6	Ethylbenzene	57.14	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0525-A (N) FC25417-6	Naphthalene	66.67	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0525-A (N) FC25417-6	n-Propylbenzene	72.11	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0525-A (N) FC25417-6	Toluene	44.44	< 30.0	< 30.0	rpd	J/None	D3	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Field Duplicate RPD for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_0525 FC25417-5	N	Benzene	1.00	0.940 J	0.940 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Cumene	1.00	0.370 J	0.370 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Ethylbenzene	1.00	2.00	2.00 J		ug/l	D3
789MW-99_0525 FC25417-5	N	Naphthalene	5.00	1.30 J	1.30 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	n-Propylbenzene	1.00	0.470 J	0.470 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Toluene	1.00	0.490 J	0.490 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	Benzene	1.00	1.50	1.50 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Cumene	1.00	0.760 J	0.760 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	Ethylbenzene	1.00	3.60	3.60 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Naphthalene	5.00	2.60 J	2.60 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	n-Propylbenzene	1.00	1.00	1.00 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Toluene	1.00	0.770 J	0.770 J		ug/l	D3/TR

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, LCS Recovery

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Reported results were evaluated to determine compliance with the required acceptance criteria, and summary forms were evaluated and compared to electronic data deliverables. Findings of this review, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
VI3607-BS (BS) VI3607-BS	Styrene	120.0	78 - 119	78 - 119	percent	J/None	C	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

No results associated with this QC element required qualification.

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B								
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Bias	Units	Reason
789-AB01_0525-D FC25417-10	AB	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789-AB01_0525-D FC25417-10	AB	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789-AB01_0525-D FC25417-10	AB	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-135_0525 FC25417-1	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-216_0525 FC25417-7	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-222_0525 FC25417-8	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-251_0525 FC25417-9	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-46R_0525 FC25417-2	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-46R_0525 FC25417-2	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-46R_0525 FC25417-2	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-83_0525 FC25417-3	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-95_0525 FC25417-4	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Benzene	1.00	0.500	0.310	0.940 J	0.940 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B								
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_0525 FC25417-5	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Cumene	1.00	0.500	0.220	0.370 J	0.370 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Ethylbenzene	1.00	0.500	0.360	2.00	2.00 J		ug/l	D3
789MW-99_0525 FC25417-5	N	Naphthalene	5.00	2.00	1.00	1.30 J	1.30 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	n-Propylbenzene	1.00	0.500	0.290	0.470 J	0.470 J		ug/l	D3/TR
789MW-99_0525 FC25417-5	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525 FC25417-5	N	Toluene	1.00	0.500	0.300	0.490 J	0.490 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	Benzene	1.00	0.500	0.310	1.50	1.50 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Cumene	1.00	0.500	0.220	0.760 J	0.760 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	Ethylbenzene	1.00	0.500	0.360	3.60	3.60 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Naphthalene	5.00	2.00	1.00	2.60 J	2.60 J		ug/l	D3/TR
789MW-99_0525-A FC25417-6	FD	n-Propylbenzene	1.00	0.500	0.290	1.00	1.00 J		ug/l	D3
789MW-99_0525-A FC25417-6	FD	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2
789MW-99_0525-A FC25417-6	FD	Toluene	1.00	0.500	0.300	0.770 J	0.770 J		ug/l	D3/TR
789-TB01_0525-C FC25417-11	TB	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ		ug/l	V2
789-TB01_0525-C FC25417-11	TB	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ		ug/l	V2
789-TB01_0525-C FC25417-11	TB	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ		ug/l	V2

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOQ) based on the sample concentration.
In instances where no LOD is provided, results are reported down to the LOQ.
Trace values are not included in the qualified results table unless additional reason codes are associated.

Reason Code Definitions

Code	Definition
D3	Field Duplicate RPD
TR	Trace Level Detect
V2	CCV

Flag Code and Definitions

Flag	Definition
J	Estimated Value
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.

Bias

-	The result may be biased low
+	The result may be biased high

Note - The bias field is a separate field; however, it is an integral part of the final flag (qualifier) on the sample result

Sample Types

SACODE	Definition
AB	Ambient Blank
BS	Blank Spike
FD	Field Duplicate
LB	Laboratory Blank
MS	Matrix Spike
N	Normal
SD	Matrix Spike Duplicate
TB	Trip Blank

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were the samples received without discrepancies between the samples and the COC?	•			
Were the samples received without discrepancies between the sample labels and the COC?	•			
Were samples relinquished properly on the COC?	•			
Were all samples properly preserved?	•			
Were sampling dates/times, date and time of laboratory receipt of samples, and sample conditions upon receipt at the laboratory (including preservation, pH, and temperature) documented?	•			The lab noted that sample 789MW-46R_0525 (FC25417-2) required treatment with an anti-foaming agent.
Were sample results reported with percent moisture correction if required?			•	
Were analytical methods performed and analysis dates present?	•			
Were all requested target analytes reported?	•			
Were QAPP specified Project Quantitation Limit Goals achieved? (The laboratory LOQ is compared to the QAPP Project Quantitation Goal)		•		Various compounds are reported with detections and non-detects at levels (LOQs) greater than the project PQGs. Additionally, it was noted that LOQs were greater than project PALs.
Were holding times met?	•			
Were trip blanks analyzed at the proper frequency and in control?	•			
Were field blanks analyzed at the proper frequency and in control?	•			
Were equipment blanks analyzed at the proper frequency and in control?			•	
Was a method blank prepared and analyzed with each batch?	•			The lab noted that VI3607-MB was treated with an anti-foaming agent.
Were target analytes in the method blank less than DL?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?		•		No LCSD analyzed.
Were LCS/LCSD recoveries within project acceptance limits?		•		See QC outlier
Was the LCS/LCSD RPD within project acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Were MS/MSD recoveries within project acceptance limits?	•			
Was the MS/MSD RPD within project acceptance limits?	•			
If ISM ws used for sample collection, were laboratory triplicates analyzed and within project acceptance limits?			•	
Were surrogate recoveries within project acceptance limits?	•			
Were field replicates (duplicates, triplicates, etc.) analyzed at the proper frequency and in control?		•		See QC Outliers
Were reported sample concentrations within calibration range?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was instrument tuning completed every 12 hours during sample analysis?	•			
Was the Calibration within project acceptance criteria?	•			
Was a ICV performed after each ICAL prior to sample analysis and within project acceptance criteria?	•			
Were CCVs run at the required frequency and within project acceptance criteria?		•		See QC Outliers
Were internal standard retention times and area criteria within project acceptance criteria?	•			
Were internal standards spiked for every sample, standard, and QC sample?	•			

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were DoD QSM corrective actions followed if deviations were noted?		•		LCS recovery was out of control and samples were not re-analyzed.
Were any data recommended for exclusion in the data validation process?		•		

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Appendix D-3
2025 Quarter 3 Data Validation Report

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Project:	Griffiss Air Force Base, BECOS
Event:	2025 Griffiss Petro Q3
SDG:	FC28047
Guidance Document:	Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022
Prime Contractor:	Bhate Environmental Associates, Inc., Birmingham, AL
Project Manager:	Kim Nemmers
Contract Laboratory(ies):	SGS North America, Inc., Orlando, FL
Data Review Contractor:	Synectics, Sacramento, CA
Data Review Level:	S2BVEM
Primary Data Reviewer:	Yana Samoilich, Data Review Chemist
Second Reviewer:	Leslie Tanaka, Data Review Chemist
Date Submitted:	October 31, 2025

Field Sample ID	Lab Sample ID	Matrix	Type/Type Code	SW8260D
789-AB01_0925-D	FC28047-13	Water	Ambient Blank/AB	X
789MW-135_0925	FC28047-1	Water	Field Sample/N	X
789MW-216_0925	FC28047-7	Water	Field Sample/N	X
789MW-222_0925	FC28047-8	Water	Field Sample/N	X
789MW-251_0925	FC28047-9	Water	Field Sample/N	X
789MW-46R_0925	FC28047-2	Water	Field Sample/N	X
789MW-83_0925	FC28047-3	Water	Field Sample/N	X
789MW-95_0925	FC28047-4	Water	Field Sample/N	X
789MW-99_0925	FC28047-5	Water	Field Sample/N	X
789MW-99_0925-A	FC28047-6	Water	Field Duplicate/FD	X
789SW-02_0925	FC28047-10	Water	Field Sample/N	X
789SW-03_0925	FC28047-11	Water	Field Sample/N	X
789SW-04_0925	FC28047-12	Water	Field Sample/N	X
789-TB01_0925-C	FC28047-14	Water	Trip Blank/TB	X

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page at S2BVEM data validation level. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022 and the additional guidance documents incorporated by reference to the extent possible. Where definitive guidance is not provided, results have been evaluated in a conservative manner using professional judgment.

Sample collection was managed and directed by Bhate Environmental Associates, Inc., Birmingham, AL; analyses were performed by SGS North America, Inc., Orlando, FL and were reported under sample delivery group (SDG) FC28047. Data have been evaluated electronically based on electronic data deliverables (EDDs) provided by the laboratory, and hard copy data summary forms have also been reviewed during this effort and compared to the automated review output by the reviewers whose signatures appear on the following page. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative and throughout this report.

All quality control (QC) elements associated with this SDG have been reviewed by a project chemist in accordance with the requirements defined for the project. This review is documented in the attached Data Review Checklists. The QC elements listed below were supported by the electronic deliverable and were evaluated using ADR processes.

- Ambient Blank
- Field Duplicate RPD
- Lab Blank
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time
- Trip Blank

Results of the ADR process were subsequently reviewed and updated as applicable by the data review chemists identified on the signature page. Quality control elements that were not included in the electronic deliverable were reviewed manually and findings are documented within this report. Summaries of findings and associated qualified results are documented throughout this report.

A total of 12 results (1.26%) out of the 952 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected or deemed a serious deficiency (X qualifier). Trace values, defined as results that are qualified as estimated because they fall between the detection limit and the reporting limit/limit of quantitation, are not counted as qualified results in the above count. The qualified results are detailed throughout this report and discussed in the narrative below, where appropriate.

Data Validation Comments

Analytical Method	Data Reviewer Comment
SW8260D	No additional comments; see Checklist for detail.

Yana S.

October 29, 2025

Reviewed by Yana Samoilich, Data Review Chemist, Synectics, Sacramento, CA

As the First Reviewer, I certify that I have performed a data review process in accordance with the requirements of the project guidance document, and have compared the electronic data to the laboratory's hard copy report and have verified the consistency of the reported sample results and method quality control data between the two deliverables.

Leslie Tanaka

Reviewed by Leslie Tanaka, Data Review Chemist, Synectics, Sacramento, CA

October 31, 2025

As the Second Reviewer, I certify that I have performed a quality assurance review of the report generated by the First Reviewer.

Quality Control Outliers for test method SW8260D, Continuing Calibration Verification

Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data. Continuing calibration is performed to verify and evaluate instrument performance during sample analysis. Summary forms were evaluated against project acceptance criteria, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
1O95833.D (CV)	Carbon disulfide	78	80 - 120	50 - 150	percent	J/UJ	V2	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Continuing Calibration Verification for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_0925 FC28047-8	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	V2
789-TB01_0925-C FC28047-14	TB	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	V2

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, Field Duplicate RPD

Field duplicate analyses are performed in order to assess sample collection/laboratory precision for each sample matrix. Summary forms were evaluated and compared to electronic data deliverables. Field duplicate results that were outside of the acceptance criteria are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789MW-99_0925-A (N) FC28047-6	Cumene	34	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0925-A (N) FC28047-6	Ethylbenzene	38	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0925-A (N) FC28047-6	Naphthalene	32	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0925-A (N) FC28047-6	n-Propylbenzene	40	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_0925-A (N) FC28047-6	sec-Butylbenzene	32	< 30.0	< 30.0	rpd	J/None	D3	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Field Duplicate RPD for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_0925 FC28047-5	N	Cumene	1.00	0.660 J	0.660 J		ug/l	D3/TR
789MW-99_0925 FC28047-5	N	Ethylbenzene	1.00	1.50	1.50 J		ug/l	D3
789MW-99_0925 FC28047-5	N	Naphthalene	5.00	2.10 J	2.10 J		ug/l	D3/TR
789MW-99_0925 FC28047-5	N	n-Propylbenzene	1.00	1.00	1.00 J		ug/l	D3
789MW-99_0925 FC28047-5	N	sec-Butylbenzene	1.00	0.530 J	0.530 J		ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	Cumene	1.00	0.930 J	0.930 J		ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	Ethylbenzene	1.00	2.20	2.20 J		ug/l	D3
789MW-99_0925-A FC28047-6	FD	Naphthalene	5.00	2.90 J	2.90 J		ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	n-Propylbenzene	1.00	1.50	1.50 J		ug/l	D3
789MW-99_0925-A FC28047-6	FD	sec-Butylbenzene	1.00	0.730 J	0.730 J		ug/l	D3/TR

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-222_0925 FC28047-8	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	V2
789MW-99_0925 FC28047-5	N	Cumene	1.00	0.500	0.220	0.660 J	0.660 J	ug/l	D3/TR
789MW-99_0925 FC28047-5	N	Ethylbenzene	1.00	0.500	0.360	1.50	1.50 J	ug/l	D3
789MW-99_0925 FC28047-5	N	Naphthalene	5.00	2.00	1.00	2.10 J	2.10 J	ug/l	D3/TR
789MW-99_0925 FC28047-5	N	n-Propylbenzene	1.00	0.500	0.290	1.00	1.00 J	ug/l	D3
789MW-99_0925 FC28047-5	N	sec-Butylbenzene	1.00	0.500	0.240	0.530 J	0.530 J	ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	Cumene	1.00	0.500	0.220	0.930 J	0.930 J	ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	Ethylbenzene	1.00	0.500	0.360	2.20	2.20 J	ug/l	D3
789MW-99_0925-A FC28047-6	FD	Naphthalene	5.00	2.00	1.00	2.90 J	2.90 J	ug/l	D3/TR
789MW-99_0925-A FC28047-6	FD	n-Propylbenzene	1.00	0.500	0.290	1.50	1.50 J	ug/l	D3
789MW-99_0925-A FC28047-6	FD	sec-Butylbenzene	1.00	0.500	0.240	0.730 J	0.730 J	ug/l	D3/TR
789-TB01_0925-C FC28047-14	TB	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	V2

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOQ) based on the sample concentration.
In instances where no LOD is provided, results are reported down to the LOQ.
Trace values are not included in the qualified results table unless additional reason codes are associated.

Reason Code Definitions

Code	Definition
D3	Field Duplicate RPD
TR	Trace Level Detect
V2	CCV

Flag Code and Definitions

Flag	Definition
J	Estimated Value
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.

Bias

-	The result may be biased low
+	The result may be biased high

Note - The bias field is a separate field; however, it is an integral part of the final flag (qualifier) on the sample result

Sample Types

SACODE	Definition
AB	Ambient Blank
BS	Blank Spike
FD	Field Duplicate
LB	Laboratory Blank
MS	Matrix Spike
N	Normal
SD	Matrix Spike Duplicate
TB	Trip Blank

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were the samples received without discrepancies between the samples and the COC?	•			It was noted that the COC collection times for 789MW-222_0925-MS (08:55) and 789MW-222_0925-SD (09:00) did not match the parent sample (08:50). Therefore, the EDD MS/MSD collection times were updated to 08:50 to match the parent sample.
Were the samples received without discrepancies between the sample labels and the COC?	•			
Were samples relinquished properly on the COC?	•			
Were all samples properly preserved?	•			
Were sampling dates/times, date and time of laboratory receipt of samples, and sample conditions upon receipt at the laboratory (including preservation, pH, and temperature) documented?	•			
Were sample results reported with percent moisture correction if required?			•	
Were analytical methods performed and analysis dates present?	•			
Were all requested target analytes reported?	•			
Were QAPP specified Project Quantitation Limit Goals achieved? (The laboratory LOQ is compared to the QAPP Project Quantitation Goal)		•		Various compounds are reported with detections and non-detects at levels (LOQs) greater than the project PQGs and project PALs were not met.
Were holding times met?	•			
Were trip blanks analyzed at the proper frequency and in control?	•			
Were field blanks analyzed at the proper frequency and in control?	•			Ambient blank.
Were equipment blanks analyzed at the proper frequency and in control?			•	
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes in the method blank less than DL?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS only.
Were LCS/LCSD recoveries within project acceptance limits?	•			
Was the LCS/LCSD RPD within project acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			One of three batches contained an SDG specific MS/MSD.
Were MS/MSD recoveries within project acceptance limits?	•			The laboratory noted Hexachlorobutadiene out of control in FC28123-15MS and FC28123-15MSD; however, the parent sample is a non-SDG sample. No action was required on this basis.
Was the MS/MSD RPD within project acceptance limits?	•			
If ISM ws used for sample collection, were laboratory triplicates analyzed and within project acceptance limits?			•	
Were surrogate recoveries within project acceptance limits?	•			The laboratory noted 1,2-Dichloroethane-d4 out of control in samples #1, 2, 3, 4, 5, 6, 7, 10, 11, 12, and 13 analyzed in Batch ID V5E2326; however, the recoveries were found to be within project acceptance limits. No action was required on this basis.
Were field replicates (duplicates, triplicates, etc.) analyzed at the proper frequency and in control?		•		See QC outliers.
Were reported sample concentrations within calibration range?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was instrument tuning completed every 12 hours during sample analysis?	•			
Was the Calibration within project acceptance criteria?	•			
Was a ICV performed after each ICAL prior to sample analysis and within project acceptance criteria?	•			

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were CCVs run at the required frequency and within project acceptance criteria?		•		See QC outliers. The laboratory noted CCV recoveries were outside of control limits with a high bias and the associated samples were non-detect. No action was taken on this basis.
Were internal standard retention times and area criteria within project acceptance criteria?	•			
Were internal standards spiked for every sample, standard, and QC sample?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?			•	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were DoD QSM corrective actions followed if deviations were noted?		•		It was noted that CCVs were out of control and the associated samples were not re-analyzed.
Were any data recommended for exclusion in the data validation process?		•		

Appendix D-4
2025 Quarter 4 Data Validation Report

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Project:	Griffiss Air Force Base, BECOS
Event:	2025 Griffiss Petro Q4
SDG:	FC29756
Guidance Document:	Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022
Prime Contractor:	Bhate Environmental Associates, Inc., Birmingham, AL
Project Manager:	Kim Nemmers
Contract Laboratory(ies):	SGS North America, Inc., Orlando, FL
Data Review Contractor:	Synectics, Sacramento, CA
Data Review Level:	S2BVEM
Primary Data Reviewer:	Kathryn Cantone, Data Review Chemist
Second Reviewer:	Leslie Tanaka, Data Review Chemist
Date Submitted:	December 30, 2025

Field Sample ID	Lab Sample ID	Matrix	Type/Type Code	SW8260D
789-AB01_1125-D	FC29756-13	Water	Ambient Blank/AB	X
789MW-135_1125	FC29756-1	Water	Field Sample/N	X
789MW-216_1125	FC29756-7	Water	Field Sample/N	X
789MW-222_1125	FC29756-8	Water	Field Sample/N	X
789MW-251_1125	FC29756-9	Water	Field Sample/N	X
789MW-46R_1125	FC29756-2	Water	Field Sample/N	X
789MW-83_1125	FC29756-3	Water	Field Sample/N	X
789MW-95_1125	FC29756-4	Water	Field Sample/N	X
789MW-99_1125	FC29756-5	Water	Field Sample/N	X
789MW-99_1125-A	FC29756-6	Water	Field Duplicate/FD	X
789SW-02_1125	FC29756-10	Water	Field Sample/N	X
789SW-03_1125	FC29756-11	Water	Field Sample/N	X
789SW-04_1125	FC29756-12	Water	Field Sample/N	X
789-TB01_1125-C	FC29756-14	Water	Trip Blank/TB	X

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page at S2BVEM data validation level. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Final Basewide Uniform Federal Policy Quality Assurance Project Plan, Long Term Monitoring, Former Griffiss Air Force Base, Rome, New York, April 2022 and the additional guidance documents incorporated by reference to the extent possible. Where definitive guidance is not provided, results have been evaluated in a conservative manner using professional judgment.

Sample collection was managed and directed by Bhate Environmental Associates, Inc., Birmingham, AL; analyses were performed by SGS North America, Inc., Orlando, FL and were reported under sample delivery group (SDG) FC29756. Data have been evaluated electronically based on electronic data deliverables (EDDs) provided by the laboratory, and hard copy data summary forms have also been reviewed during this effort and compared to the automated review output by the reviewers whose signatures appear on the following page. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative and throughout this report.

All quality control (QC) elements associated with this SDG have been reviewed by a project chemist in accordance with the requirements defined for the project. This review is documented in the attached Data Review Checklists. The QC elements listed below were supported by the electronic deliverable and were evaluated using ADR processes.

- Ambient Blank
- Field Duplicate RPD
- Lab Blank
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time
- Trip Blank

Results of the ADR process were subsequently reviewed and updated as applicable by the data review chemists identified on the signature page. Quality control elements that were not included in the electronic deliverable were reviewed manually and findings are documented within this report. Summaries of findings and associated qualified results are documented throughout this report.

A total of 497 results (52.21%) out of the 952 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected or deemed a serious deficiency (X qualifier). Trace values, defined as results that are qualified as estimated because they fall between the detection limit and the reporting limit/limit of quantitation, are not counted as qualified results in the above count. The qualified results are detailed throughout this report and discussed in the narrative below, where appropriate.

Data Validation Comments

Analytical Method	Data Reviewer Comment
SW8260D	No additional comments; see Checklist for detail.

December 26, 2025

Reviewed by Kathryn Cantone, Data Review Chemist, Synectics, Sacramento, CA

As the First Reviewer, I certify that I have performed a data review process in accordance with the requirements of the project guidance document, and have compared the electronic data to the laboratory's hard copy report and have verified the consistency of the reported sample results and method quality control data between the two deliverables.

Reviewed by Leslie Tanaka, Data Review Chemist, Synectics, Sacramento, CA

December 30, 2025

As the Second Reviewer, I certify that I have performed a quality assurance review of the report generated by the First Reviewer.

Quality Control Outliers for test method SW8260D, Ambient Blank

Ambient blanks are a sample of analyte-free water or air, which is transferred from one vessel to another or exposed to the sampling environment at the sampling site. They measure incidental or accidental sample contamination during the whole process (sampling, transport, sample preparation, and analysis). Summary forms were evaluated and compared to electronic data deliverables. Findings of this review, and contaminants found in ambient blanks are listed below along with any associated qualified results.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789-AB01_1125-D (AB) FC29756-13	Toluene	0.310	< 0.300	< 1.00	ug/l	U/None*	A1	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

*Blank flags displayed in the above table identify qualification of the sample result when it is less than or equal to the LOQ/RL. Sample results above the LOD or LOQ will be qualified based on the validation guidance assigned in the project setup.

Qualified Results associated with the Ambient Blank for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125 FC29756-5	N	Toluene	1.00	0.510 J	0.510 J		ug/l	A1/H1/TR
789MW-99_1125-A FC29756-6	FD	Toluene	1.00	0.680 J	0.680 J		ug/l	A1/H1/TR

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, Continuing Calibration Verification

Compliance requirements for satisfactory continuing calibration are established to ensure that the instrument is capable of producing acceptable qualitative and quantitative data. Continuing calibration is performed to verify and evaluate instrument performance during sample analysis. Summary forms were evaluated against project acceptance criteria, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
CCV I776450.D (CV)	Acetone	76	80 - 120	50 - 150	percent	J/UJ	V2	
CCV I776450.D (CV)	Vinyl acetate	79	80 - 120	50 - 150	percent	J/UJ	V2	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Continuing Calibration Verification for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789-AB01_1125-D FC29756-13	AB	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789-AB01_1125-D FC29756-13	AB	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-135_1125 FC29756-1	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-135_1125 FC29756-1	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-216_1125 FC29756-7	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-216_1125 FC29756-7	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-222_1125 FC29756-8	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789MW-222_1125 FC29756-8	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789MW-251_1125 FC29756-9	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-251_1125 FC29756-9	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-46R_1125 FC29756-2	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-46R_1125 FC29756-2	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-83_1125 FC29756-3	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-83_1125 FC29756-3	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-95_1125 FC29756-4	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	V2
789MW-95_1125 FC29756-4	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	V2
789MW-99_1125 FC29756-5	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789MW-99_1125 FC29756-5	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789MW-99_1125-A FC29756-6	FD	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2

Qualified Results associated with the Continuing Calibration Verification for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125-A FC29756-6	FD	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789SW-04_1125 FC29756-12	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-04_1125 FC29756-12	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, Field Duplicate RPD

Field duplicate analyses are performed in order to assess sample collection/laboratory precision for each sample matrix. Summary forms were evaluated and compared to electronic data deliverables. Field duplicate results that were outside of the acceptance criteria are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789MW-99_1125-A (N) FC29756-6	Cumene	35	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_1125-A (N) FC29756-6	Ethylbenzene	42	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_1125-A (N) FC29756-6	n-Propylbenzene	40	< 30.0	< 30.0	rpd	J/None	D3	
789MW-99_1125-A (N) FC29756-6	sec-Butylbenzene	41	< 30.0	< 30.0	rpd	J/None	D3	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Field Duplicate RPD for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125 FC29756-5	N	Cumene	1.00	0.640 J	0.640 J	-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Ethylbenzene	1.00	0.910 J	0.910 J	-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	n-Propylbenzene	1.00	1.00	1.00 J	-	ug/l	D3/H1
789MW-99_1125 FC29756-5	N	sec-Butylbenzene	1.00	0.510 J	0.510 J	-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Cumene	1.00	0.910 J	0.910 J	-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Ethylbenzene	1.00	1.40	1.40 J	-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	n-Propylbenzene	1.00	1.50	1.50 J	-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	sec-Butylbenzene	1.00	0.770 J	0.770 J	-	ug/l	D3/H1/TR

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, Test Hold Time

Hold times are ascertained based on project requirements. Holding times were determined by comparing the chain of custody records with the dates of analysis found in the electronic data deliverable and laboratory summary forms. Findings of this review, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
789MW-222_1125 (N) FC29756-8		17.1	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789MW-99_1125 (N) FC29756-5		17.2	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789MW-99_1125-A (FD) FC29756-6		17.2	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789SW-02_1125 (N) FC29756-10		17.1	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789SW-03_1125 (N) FC29756-11		17.1	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789SW-04_1125 (N) FC29756-12		17.2	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL
789-TB01_1125-C (TB) FC29756-14		17.4	< 14.0	< 28.0	days	J/UJ	H1	Test Exceeds UWL

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_1125 FC29756-8	N	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_1125 FC29756-8	N	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789MW-222_1125 FC29756-8	N	Benzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Chloroform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-222_1125 FC29756-8	N	Cumene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Naphthalene	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	n-Propylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	sec-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Toluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789MW-222_1125 FC29756-8	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789MW-222_1125 FC29756-8	N	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-222_1125 FC29756-8	N	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125 FC29756-5	N	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789MW-99_1125 FC29756-5	N	Benzene	1.00	1.60	1.60 J	-	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125 FC29756-5	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Chloroform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Cumene	1.00	0.640 J	0.640 J	-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Ethylbenzene	1.00	0.910 J	0.910 J	-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Naphthalene	5.00	2.00 J	2.00 J	-	ug/l	H1/TR
789MW-99_1125 FC29756-5	N	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	n-Propylbenzene	1.00	1.00	1.00 J	-	ug/l	D3/H1
789MW-99_1125 FC29756-5	N	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	sec-Butylbenzene	1.00	0.510 J	0.510 J	-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125 FC29756-5	N	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Toluene	1.00	0.510 J	0.510 J		ug/l	A1/H1/TR
789MW-99_1125 FC29756-5	N	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789MW-99_1125 FC29756-5	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789MW-99_1125 FC29756-5	N	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125 FC29756-5	N	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125-A FC29756-6	FD	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789MW-99_1125-A FC29756-6	FD	Benzene	1.00	2.10	2.10 J	-	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloroform	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Cumene	1.00	0.910 J	0.910 J	-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789MW-99_1125-A FC29756-6	FD	Ethylbenzene	1.00	1.40	1.40 J	-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Naphthalene	5.00	2.60 J	2.60 J	-	ug/l	H1/TR
789MW-99_1125-A FC29756-6	FD	n-Butylbenzene	1.00	0.290 J	0.290 J	-	ug/l	H1/TR
789MW-99_1125-A FC29756-6	FD	n-Propylbenzene	1.00	1.50	1.50 J	-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	sec-Butylbenzene	1.00	0.770 J	0.770 J	-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Toluene	1.00	0.680 J	0.680 J		ug/l	A1/H1/TR
789MW-99_1125-A FC29756-6	FD	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789MW-99_1125-A FC29756-6	FD	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789MW-99_1125-A FC29756-6	FD	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789MW-99_1125-A FC29756-6	FD	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-02_1125 FC29756-10	N	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Benzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-02_1125 FC29756-10	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Chloroform	1.00	0.340 J	0.340 J	-	ug/l	H1/TR
789SW-02_1125 FC29756-10	N	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Cumene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Naphthalene	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	n-Propylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	sec-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Toluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-02_1125 FC29756-10	N	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-02_1125 FC29756-10	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-02_1125 FC29756-10	N	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-03_1125 FC29756-11	N	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Benzene	1.00	0.380 J	0.380 J	-	ug/l	H1/TR
789SW-03_1125 FC29756-11	N	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Chloroform	1.00	0.340 J	0.340 J	-	ug/l	H1/TR
789SW-03_1125 FC29756-11	N	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Cumene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-03_1125 FC29756-11	N	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Naphthalene	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	n-Propylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	sec-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Toluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-03_1125 FC29756-11	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-03_1125 FC29756-11	N	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-04_1125 FC29756-12	N	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789SW-04_1125 FC29756-12	N	Benzene	1.00	0.560 J	0.560 J	-	ug/l	H1/TR
789SW-04_1125 FC29756-12	N	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-04_1125 FC29756-12	N	Chloroform	1.00	0.310 J	0.310 J	-	ug/l	H1/TR
789SW-04_1125 FC29756-12	N	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Cumene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Naphthalene	5.00	2.00 U	2.00 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	n-Propylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	sec-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Toluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-04_1125 FC29756-12	N	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789SW-04_1125 FC29756-12	N	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789SW-04_1125 FC29756-12	N	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,1,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,1-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,2,2-Tetrachloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,2-Trichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,3-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,3-Trichloropropane	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,4-Trichlorobenzene	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,4-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dibromo-3-chloropropane	5.00	2.00 U	2.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dibromoethane (EDB)	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloroethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloroethene	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3,5-Trimethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,4-Dichlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	2,2-Dichloropropane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Butanone (MEK)	5.00	3.50 U	3.50 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Hexanone	10.0	5.00 U	5.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	4-Chlorotoluene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789-TB01_1125-C FC29756-14	TB	4-Methyl-2-pentanone (MIBK)	5.00	2.00 U	2.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Acetone	25.0	20.0 U	20.0 UJ		ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Benzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromodichloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromoform	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromomethane	5.00	4.00 U	4.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Carbon disulfide	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Carbon Tetrachloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chlorobenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloroethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloroform	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	cis-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	cis-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Cumene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dibromochloromethane	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dibromomethane	2.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dichlorodifluoromethane	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Ethylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Hexachlorobutadiene	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	m,p-Xylene	2.00	1.00 U	1.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Methyl tert-butyl ether (MTBE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Methylene chloride	5.00	4.00 U	4.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Naphthalene	5.00	2.00 U	2.00 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	n-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	n-Propylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1

Qualified Results associated with the Test Hold Time for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789-TB01_1125-C FC29756-14	TB	o-Xylene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	p-Cymene (p-Isopropyltoluene)	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	sec-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Styrene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	tert-Butylbenzene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Tetrachloroethene (PCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Toluene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	trans-1,2-Dichloroethene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	trans-1,3-Dichloropropene	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Trichloroethene (TCE)	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789-TB01_1125-C FC29756-14	TB	Vinyl acetate	10.0	5.00 U	5.00 UJ		ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Vinyl chloride	1.00	0.500 U	0.500 UJ		ug/l	H1
789-TB01_1125-C FC29756-14	TB	Xylenes, Total	3.00	1.50 U	1.50 UJ		ug/l	H1

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Quality Control Outliers for test method SW8260D, LCS Recovery

The laboratory control sample/laboratory control sample duplicate (LCS/LCSD) serves as a monitor of the overall performance of each step during the analysis, including the sample preparation. Reported results were evaluated to determine compliance with the required acceptance criteria, and summary forms were evaluated and compared to electronic data deliverables. Findings of this review, and any associated qualified results, are listed below.

Sample ID/ Lab Sample ID	Analyte	Result	Control Limits	Reject Limits	Units	Qualifier	Reason Code	Comment
VI3773-BS (BS) VI3773-BS	Trichlorofluoromethane	68	71 - 156	71 - 156	percent	J/UJ	C	

Where two qualifiers are listed, such as 'J/UJ', the first applies to positive results, and the second to non-detect results.
Upper and Lower Warning and Control Limits are abbreviated UWL, LWL, UCL, and LCL in the Comment field.

*Rejection limits may pertain to data that is excluded and "X" or "R" qualifier or data that is qualified with another flag, as reflected in the QC Elements report under Reports, Environmental Setup reports.

Qualified Results associated with the LCS Recovery for SW8260D

FieldSample ID	Type	Analyte	LOQ	Lab Result	Qualified Result	Bias	Units	Reason
789-AB01_1125-D FC29756-13	AB	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-135_1125 FC29756-1	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-216_1125 FC29756-7	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-222_1125 FC29756-8	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789MW-251_1125 FC29756-9	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-46R_1125 FC29756-2	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-83_1125 FC29756-3	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-95_1125 FC29756-4	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C
789MW-99_1125 FC29756-5	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789MW-99_1125-A FC29756-6	FD	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-02_1125 FC29756-10	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-03_1125 FC29756-11	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789SW-04_1125 FC29756-12	N	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1
789-TB01_1125-C FC29756-14	TB	Trichlorofluoromethane	2.00	1.00 U	1.00 UJ		ug/l	C/H1

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOD) or (LOQ) based on the sample concentration and the validation guidance.
In instances where no LOD is provided, results are reported down to the LOQ.

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789-AB01_1125-D FC29756-13	AB	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789-AB01_1125-D FC29756-13	AB	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789-AB01_1125-D FC29756-13	AB	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-135_1125 FC29756-1	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-135_1125 FC29756-1	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-135_1125 FC29756-1	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-216_1125 FC29756-7	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-216_1125 FC29756-7	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-216_1125 FC29756-7	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-222_1125 FC29756-8	N	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-222_1125 FC29756-8	N	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789MW-222_1125 FC29756-8	N	Benzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Chloroform	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Cumene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-222_1125 FC29756-8	N	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Naphthalene	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	n-Propylbenzene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	sec-Butylbenzene	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Toluene	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789MW-222_1125 FC29756-8	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789MW-222_1125 FC29756-8	N	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-222_1125 FC29756-8	N	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789MW-251_1125 FC29756-9	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-251_1125 FC29756-9	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-251_1125 FC29756-9	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-46R_1125 FC29756-2	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-46R_1125 FC29756-2	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-46R_1125 FC29756-2	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-83_1125 FC29756-3	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-83_1125 FC29756-3	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-83_1125 FC29756-3	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-95_1125 FC29756-4	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	V2
789MW-95_1125 FC29756-4	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C
789MW-95_1125 FC29756-4	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	V2
789MW-99_1125 FC29756-5	N	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-99_1125 FC29756-5	N	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789MW-99_1125 FC29756-5	N	Benzene	1.00	0.500	0.310	1.60	1.60 J-	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Chloroform	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Cumene	1.00	0.500	0.220	0.640 J	0.640 J-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-99_1125 FC29756-5	N	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Ethylbenzene	1.00	0.500	0.360	0.910 J	0.910 J-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Naphthalene	5.00	2.00	1.00	2.00 J	2.00 J-	ug/l	H1/TR
789MW-99_1125 FC29756-5	N	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	n-Propylbenzene	1.00	0.500	0.290	1.00	1.00 J-	ug/l	D3/H1
789MW-99_1125 FC29756-5	N	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	sec-Butylbenzene	1.00	0.500	0.240	0.510 J	0.510 J-	ug/l	D3/H1/TR
789MW-99_1125 FC29756-5	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Toluene	1.00	0.500	0.300	0.510 J	0.510 J	ug/l	A1/H1/TR
789MW-99_1125 FC29756-5	N	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789MW-99_1125 FC29756-5	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789MW-99_1125 FC29756-5	N	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125 FC29756-5	N	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-99_1125-A FC29756-6	FD	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789MW-99_1125-A FC29756-6	FD	Benzene	1.00	0.500	0.310	2.10	2.10 J-	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-99_1125-A FC29756-6	FD	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloroform	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Cumene	1.00	0.500	0.220	0.910 J	0.910 J-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Ethylbenzene	1.00	0.500	0.360	1.40	1.40 J-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Naphthalene	5.00	2.00	1.00	2.60 J	2.60 J-	ug/l	H1/TR
789MW-99_1125-A FC29756-6	FD	n-Butylbenzene	1.00	0.500	0.230	0.290 J	0.290 J-	ug/l	H1/TR
789MW-99_1125-A FC29756-6	FD	n-Propylbenzene	1.00	0.500	0.290	1.50	1.50 J-	ug/l	D3/H1
789MW-99_1125-A FC29756-6	FD	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	sec-Butylbenzene	1.00	0.500	0.240	0.770 J	0.770 J-	ug/l	D3/H1/TR
789MW-99_1125-A FC29756-6	FD	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789MW-99_1125-A FC29756-6	FD	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Toluene	1.00	0.500	0.300	0.680 J	0.680 J	ug/l	A1/H1/TR
789MW-99_1125-A FC29756-6	FD	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789MW-99_1125-A FC29756-6	FD	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789MW-99_1125-A FC29756-6	FD	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789MW-99_1125-A FC29756-6	FD	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-02_1125 FC29756-10	N	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Benzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Chloroform	1.00	0.500	0.300	0.340 J	0.340 J-	ug/l	H1/TR
789SW-02_1125 FC29756-10	N	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Cumene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-02_1125 FC29756-10	N	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Naphthalene	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	n-Propylbenzene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	sec-Butylbenzene	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Toluene	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789SW-02_1125 FC29756-10	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789SW-02_1125 FC29756-10	N	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-02_1125 FC29756-10	N	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-03_1125 FC29756-11	N	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Benzene	1.00	0.500	0.310	0.380 J	0.380 J-	ug/l	H1/TR
789SW-03_1125 FC29756-11	N	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-03_1125 FC29756-11	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Chloroform	1.00	0.500	0.300	0.340 J	0.340 J-	ug/l	H1/TR
789SW-03_1125 FC29756-11	N	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Cumene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Naphthalene	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	n-Propylbenzene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	sec-Butylbenzene	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-03_1125 FC29756-11	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Toluene	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789SW-03_1125 FC29756-11	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789SW-03_1125 FC29756-11	N	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-03_1125 FC29756-11	N	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-04_1125 FC29756-12	N	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789SW-04_1125 FC29756-12	N	Benzene	1.00	0.500	0.310	0.560 J	0.560 J-	ug/l	H1/TR
789SW-04_1125 FC29756-12	N	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Chloroform	1.00	0.500	0.300	0.310 J	0.310 J-	ug/l	H1/TR
789SW-04_1125 FC29756-12	N	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Cumene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789SW-04_1125 FC29756-12	N	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Naphthalene	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	n-Propylbenzene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	sec-Butylbenzene	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Toluene	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789SW-04_1125 FC29756-12	N	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789SW-04_1125 FC29756-12	N	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789SW-04_1125 FC29756-12	N	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,1,2-Tetrachloroethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,1-Trichloroethane	1.00	0.500	0.250	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789-TB01_1125-C FC29756-14	TB	1,1,2,2-Tetrachloroethane	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1,2-Trichloroethane	1.00	0.500	0.470	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloroethane	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloroethene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,1-Dichloropropene	1.00	0.500	0.340	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,3-Trichlorobenzene	2.00	1.00	0.610	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,3-Trichloropropane	2.00	1.00	0.630	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,4-Trichlorobenzene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2,4-Trimethylbenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dibromo-3-chloropropane	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dibromoethane (EDB)	2.00	1.00	0.280	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichlorobenzene	1.00	0.500	0.320	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloroethane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloroethene	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,2-Dichloropropane	1.00	0.500	0.430	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3,5-Trimethylbenzene	1.00	0.500	0.270	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3-Dichlorobenzene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,3-Dichloropropane	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	1,4-Dichlorobenzene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	2,2-Dichloropropane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Butanone (MEK)	5.00	3.50	2.00	3.50 U	3.50 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Chlorotoluene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	2-Hexanone	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	4-Chlorotoluene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	4-Methyl-2-pentanone (MIBK)	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Acetone	25.0	20.0	10.0	20.0 U	20.0 UJ	ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Benzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789-TB01_1125-C FC29756-14	TB	Bromobenzene	1.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromochloromethane	1.00	0.500	0.450	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromodichloromethane	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromoform	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Bromomethane	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Carbon disulfide	2.00	1.00	0.530	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Carbon Tetrachloride	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chlorobenzene	1.00	0.500	0.200	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloroethane	2.00	1.00	0.670	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloroform	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Chloromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	cis-1,2-Dichloroethene	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	cis-1,3-Dichloropropene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Cumene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dibromochloromethane	1.00	0.500	0.280	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dibromomethane	2.00	0.500	0.370	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Dichlorodifluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Ethylbenzene	1.00	0.500	0.360	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Hexachlorobutadiene	2.00	1.00	0.300	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	m,p-Xylene	2.00	1.00	0.470	1.00 U	1.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Methyl tert-butyl ether (MTBE)	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Methylene chloride	5.00	4.00	2.00	4.00 U	4.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Naphthalene	5.00	2.00	1.00	2.00 U	2.00 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	n-Butylbenzene	1.00	0.500	0.230	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	n-Propylbenzene	1.00	0.500	0.290	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	o-Xylene	1.00	0.500	0.260	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	p-Cymene (p-Isopropyltoluene)	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1

Table of All Qualified Results

Test Method: SW8260D		Extraction Method: SW5030B							
FieldSample ID / LabSample ID	Type	Analyte	LOQ	LOD	DL	Lab Result	Qualified Result	Units	Reason
789-TB01_1125-C FC29756-14	TB	sec-Butylbenzene	1.00	0.500	0.240	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Styrene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	tert-Butylbenzene	1.00	0.500	0.310	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Tetrachloroethene (PCE)	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Toluene	1.00	0.500	0.300	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	trans-1,2-Dichloroethene	1.00	0.500	0.220	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	trans-1,3-Dichloropropene	1.00	0.500	0.210	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Trichloroethene (TCE)	1.00	0.500	0.350	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Trichlorofluoromethane	2.00	1.00	0.500	1.00 U	1.00 UJ	ug/l	C/H1
789-TB01_1125-C FC29756-14	TB	Vinyl acetate	10.0	5.00	2.00	5.00 U	5.00 UJ	ug/l	H1/V2
789-TB01_1125-C FC29756-14	TB	Vinyl chloride	1.00	0.500	0.410	0.500 U	0.500 UJ	ug/l	H1
789-TB01_1125-C FC29756-14	TB	Xylenes, Total	3.00	1.50	0.720	1.50 U	1.50 UJ	ug/l	H1

Analytes not found in project samples are reported as not detected at the limit of detection (LOD) unless blank contamination occurs and then the sample may be reported as not detected at the (LOQ) based on the sample concentration.
In instances where no LOD is provided, results are reported down to the LOQ.
Trace values are not included in the qualified results table unless additional reason codes are associated.

Reason Code Definitions

Code	Definition
A1	Ambient Blank
C	LCS Recovery
D3	Field Duplicate RPD
H1	Test Hold Time
TR	Trace Level Detect
V2	CCV

Flag Code and Definitions

Flag	Definition
J	Estimated Value
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.

Bias

-	The result may be biased low
+	The result may be biased high

Note - The bias field is a separate field; however, it is an integral part of the final flag (qualifier) on the sample result

Sample Types

SACODE	Definition
AB	Ambient Blank
BS	Blank Spike
FD	Field Duplicate
LB	Laboratory Blank
MS	Matrix Spike
N	Normal
SD	Matrix Spike Duplicate
TB	Trip Blank

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)

Review Questions	Yes	No	NA	Comment
Were the samples received without discrepancies between the samples and the COC?	•			
Were the samples received without discrepancies between the sample labels and the COC?	•			
Were samples relinquished properly on the COC?	•			
Were all samples properly preserved?	•			
Were sampling dates/times, date and time of laboratory receipt of samples, and sample conditions upon receipt at the laboratory (including preservation, pH, and temperature) documented?	•			It was noted two sample IDs listed on the CoC were not collected due to product present; however, the samples were not fully crossed off the CoC. No action required.
Were sample results reported with percent moisture correction if required?			•	
Were analytical methods performed and analysis dates present?	•			
Were all requested target analytes reported?	•			
Were QAPP specified Project Quantitation Limit Goals achieved? (The laboratory LOQ is compared to the QAPP Project Quantitation Goal)	•			Various compounds are reported with detections and non-detects at levels (LOQs) greater than the project PQGs and not all project PALs were met.
Were holding times met?		•		See QC outliers.
Were trip blanks analyzed at the proper frequency and in control?	•			
Were field blanks analyzed at the proper frequency and in control?		•		Ambient blank. See QC outliers.
Were equipment blanks analyzed at the proper frequency and in control?			•	
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes in the method blank less than DL?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS only
Were LCS/LCSD recoveries within project acceptance limits?		•		See QC outliers.
Was the LCS/LCSD RPD within project acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Were MS/MSD recoveries within project acceptance limits?	•			
Was the MS/MSD RPD within project acceptance limits?	•			
If ISM ws used for sample collection, were laboratory triplicates analyzed and within project acceptance limits?			•	
Were surrogate recoveries within project acceptance limits?	•			
Were field replicates (duplicates, triplicates, etc.) analyzed at the proper frequency and in control?		•		See QC outliers.
Were reported sample concentrations within calibration range?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was instrument tuning completed every 12 hours during sample analysis?	•			
Was the Calibration within project acceptance criteria?	•			
Was a ICV performed after each ICAL prior to sample analysis and within project acceptance criteria?		•		It was noted ICV I775589.D was biased high for Chlorethane. All associated sample results were non-detect. No qualifiers applied on this basis.
Were CCVs run at the required frequency and within project acceptance criteria?		•		See QC outliers. The laboratory noted CCV I776450.D was biased high for 1,1-Dichloroethene; however, when evaluating to the whole number the result was in control and all associated samples were non-detect. No qualifiers applied on this basis.

Review Questions

Method: SW8260D (Volatile Organic Compounds by GC/MS)				
Review Questions	Yes	No	NA	Comment
Were internal standard retention times and area criteria within project acceptance criteria?	•			
Were internal standards spiked for every sample, standard, and QC sample?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were DoD QSM corrective actions followed if deviations were noted?		•		Samples were not re-analyzed for ICV/CCV/LCS out of control.
Were any data recommended for exclusion in the data validation process?		•		

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APPENDIX E
LABORATORY DATA PACKAGES

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Appendix E-1
2025 Quarter 1 Laboratory Data Package

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The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Bhate Environmental

Griffiss AFB; Rome, NY

GRFIS-BECOS

SGS Job Number: FC23706

Sampling Dates: 04/02/25 - 04/04/25



Report to:

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Total number of pages in report: **576**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Norm Farmer
Technical Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI. MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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SGS North America Inc.

Sample Summary

Bhate Environmental

Job No: FC23706

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC23706-1	04/02/25	13:45	LS	04/05/25	AQ	Ground Water	789MW-135_0325
FC23706-2	04/02/25	15:15	LS	04/05/25	AQ	Ground Water	789MW-46R_0325
FC23706-3	04/03/25	10:25	LS	04/05/25	AQ	Ground Water	789MW-83_0325
FC23706-4	04/03/25	11:55	LS	04/05/25	AQ	Ground Water	789MW-95_0325
FC23706-5	04/02/25	16:50	LS	04/05/25	AQ	Ground Water	789MW-99_0325
FC23706-6	04/02/25	16:50	LS	04/05/25	AQ	Ground Water	789MW-99_0325-A
FC23706-7	04/03/25	11:08	LS	04/05/25	AQ	Ground Water	789MW-216_0325
FC23706-8	04/02/25	12:30	LS	04/05/25	AQ	Ground Water	789MW-222_0325
FC23706-8D	04/02/25	12:30	LS	04/05/25	AQ	Water Dup/MSD	789MW-222_0325
FC23706-8S	04/02/25	12:30	LS	04/05/25	AQ	Water Matrix Spike	789MW-222_0325
FC23706-9	04/04/25	12:15	LS	04/05/25	AQ	Ground Water	789MW-251_0325
FC23706-10	04/04/25	11:10	LS	04/05/25	AQ	Ground Water	789SW-02_0325
FC23706-11	04/04/25	11:30	LS	04/05/25	AQ	Ground Water	789SW-03_0325

Sample Summary
(continued)

Bhate Environmental

Job No: FC23706

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC23706-12	04/04/25	11:45	LS	04/05/25	AQ	Ground Water	789SW-04_0325
FC23706-13	04/03/25	11:20	LS	04/05/25	AQ	Water	789-AB01_0325-D
FC23706-14	04/02/25	11:25	LS	04/05/25	AQ	Trip Blank Water	789-TB01_0325-C

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental **Job No:** FC23706

Site: Griffiss AFB; Rome, NY **Report Date:** 4/9/2025 1:08:36 PM

On 04/05/2025, 13 Sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 3.4 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC23706 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VI3525

Sample(s) FC23653-3MS, FC23653-3MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for 1,1-Dichloroethylene, Benzene, Methyl Bromide, sec-Butylbenzene, Tetrachloroethylene, Trichloroethylene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Benzene, Tetrachloroethylene, Trichloroethylene are outside control limits. Probable cause is due to matrix interference.

RPD(s) for MSD for Methyl Bromide are outside control limits for sample FC23653-3MSD. Probable cause is due to sample non-homogeneity.

VI3525-MB: Sample was treated with an anti-foaming agent.

Matrix: AQ **Batch ID:** VI3526

Sample(s) FC23706-8MS, FC23706-8MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for Ethylbenzene, Methyl Bromide are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Ethylbenzene, Methyl Bromide are outside control limits. Probable cause is due to matrix interference.

VI3526-MB: Sample was treated with an anti-foaming agent.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Kim Benham, Report Generation (signature on file)

Summary of Hits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC23706-1	**789MW-135_0325**					
No hits reported in this sample.						
FC23706-2	**789MW-46R_0325**					
No hits reported in this sample.						
FC23706-3	**789MW-83_0325**					
No hits reported in this sample.						
FC23706-4	**789MW-95_0325**					
No hits reported in this sample.						
FC23706-5	**789MW-99_0325**					
Benzene		0.90 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		2.5	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.59 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		2.3 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		0.98 J	1.0	0.50	ug/l	SW846 8260D
Toluene		0.45 J	1.0	0.50	ug/l	SW846 8260D
FC23706-6	**789MW-99_0325-A**					
Benzene		0.87 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		2.5	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.63 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		2.4 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		0.93 J	1.0	0.50	ug/l	SW846 8260D
Toluene		0.47 J	1.0	0.50	ug/l	SW846 8260D
FC23706-7	**789MW-216_0325**					
No hits reported in this sample.						
FC23706-8	**789MW-222_0325**					
No hits reported in this sample.						
FC23706-9	**789MW-251_0325**					
4-Methyl-2-pentanone (MIBK)		1.5 J	5.0	2.0	ug/l	SW846 8260D

Summary of Hits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC23706-10	**789SW-02_0325**					
No hits reported in this sample.						
FC23706-11	**789SW-03_0325**					
No hits reported in this sample.						
FC23706-12	**789SW-04_0325**					
Carbon Disulfide		1.2 J	2.0	1.0	ug/l	SW846 8260D
FC23706-13	**789-AB01_0325-D**					
Carbon Disulfide		1.5 J	2.0	1.0	ug/l	SW846 8260D
FC23706-14	**789-TB01_0325-C**					
No hits reported in this sample.						

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-135_0325		
Lab Sample ID:	FC23706-1	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770541.D	1	04/08/25 09:47	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-135_0325
Lab Sample ID: FC23706-1
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 04/02/25
Date Received: 04/05/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_0325		
Lab Sample ID:	FC23706-1	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: 789MW-46R_0325
Lab Sample ID: FC23706-2
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 04/02/25
Date Received: 04/05/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770542.D	1	04/08/25 10:04	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0325		
Lab Sample ID:	FC23706-2	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0325		
Lab Sample ID:	FC23706-2	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-83_0325		
Lab Sample ID:	FC23706-3	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770543.D	1	04/08/25 10:21	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_0325		
Lab Sample ID:	FC23706-3	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_0325		
Lab Sample ID:	FC23706-3	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-95_0325		
Lab Sample ID:	FC23706-4	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770546.D	1	04/08/25 11:14	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0325		
Lab Sample ID:	FC23706-4	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0325		
Lab Sample ID:	FC23706-4	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-99_0325		
Lab Sample ID:	FC23706-5	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770547.D	1	04/08/25 11:30	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.90	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_0325
Lab Sample ID: FC23706-5
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 04/02/25
Date Received: 04/05/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	2.5	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.59	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.3	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	0.98	1.0	0.50	0.29	ug/l	J
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.45	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0325		
Lab Sample ID:	FC23706-5	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-99_0325-A		
Lab Sample ID:	FC23706-6	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770548.D	1	04/08/25 11:46	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.87	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_0325-A
Lab Sample ID: FC23706-6
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 04/02/25
Date Received: 04/05/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	2.5	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.63	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.4	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	0.93	1.0	0.50	0.29	ug/l	J
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.47	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0325-A		
Lab Sample ID:	FC23706-6	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-216_0325		
Lab Sample ID:	FC23706-7	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770549.D	1	04/08/25 12:03	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0325		
Lab Sample ID:	FC23706-7	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0325		
Lab Sample ID:	FC23706-7	**Date Sampled:**	04/03/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-222_0325		
Lab Sample ID:	FC23706-8	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770540.D	1	04/08/25 09:30	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_0325		
Lab Sample ID:	FC23706-8	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_0325		
Lab Sample ID:	FC23706-8	**Date Sampled:**	04/02/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-251_0325		
Lab Sample ID:	FC23706-9	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770550.D	1	04/08/25 12:19	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

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LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-251_0325
Lab Sample ID: FC23706-9
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 04/04/25
Date Received: 04/05/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	1.5	5.0	2.0	1.0	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0325		
Lab Sample ID:	FC23706-9	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-02_0325		
Lab Sample ID:	FC23706-10	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770551.D	1	04/08/25 12:36	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-02_0325		
Lab Sample ID:	FC23706-10	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-02_0325		
Lab Sample ID:	FC23706-10	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-03_0325		
Lab Sample ID:	FC23706-11	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770552.D	1	04/08/25 12:52	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-03_0325		
Lab Sample ID:	FC23706-11	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-03_0325		
Lab Sample ID:	FC23706-11	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	91%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-04_0325		
Lab Sample ID:	FC23706-12	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770555.D	1	04/08/25 13:41	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.2	2.0	1.0	0.53	ug/l	J
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_0325		
Lab Sample ID:	FC23706-12	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_0325		
Lab Sample ID:	FC23706-12	**Date Sampled:**	04/04/25
Matrix:	AQ - Ground Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789-AB01_0325-D		
Lab Sample ID:	FC23706-13	**Date Sampled:**	04/03/25
Matrix:	AQ - Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770556.D	1	04/08/25 13:57	JW	n/a	n/a	VI3526
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.5	2.0	1.0	0.53	ug/l	J
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

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E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_0325-D		
Lab Sample ID:	FC23706-13	**Date Sampled:**	04/03/25
Matrix:	AQ - Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_0325-D		
Lab Sample ID:	FC23706-13	**Date Sampled:**	04/03/25
Matrix:	AQ - Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789-TB01_0325-C		
Lab Sample ID:	FC23706-14	**Date Sampled:**	04/02/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I770520.D	1	04/07/25 13:04	JW	n/a	n/a	VI3525
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_0325-C		
Lab Sample ID:	FC23706-14	**Date Sampled:**	04/02/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_0325-C		
Lab Sample ID:	FC23706-14	**Date Sampled:**	04/02/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/05/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	104%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- QC Evaluation: DOD QSM5.x Limits

FC23706

CHAIN-OF-CUSTODY RECORD

BEAB
Todd Calhoun
445 Union Boulevard, Suite 129 Lakewood, CO 80228
Please add area code 720 463 3906 add e-mail

COC # SS067GW25Q1

Project Name: Griffiss Air Force Base, BECOS	Laboratory: SGS North America, Inc., Orlando, FL	Event: 2025 Griffiss Petro Q1
Project Number: GRFIS-BECOS	POC: Jean Dent-Smith, 407-425-6700 x 14911, jean.dent-smith@sgs.com	
WBS Code:	Ship to: 4405 Vineland Road, Suite C-15, Orlando FL 32811	

Comments:
SW8260D (A) = VOCs SGS

Equipment:

Code	Matrix
WG	Ground Water
WQ	Water Quality Control Matrix

Code	Container/Preservative
31	2 x 40 mL glass vials, HCl to pH < 2, Cool to 0-6 °C, no headspace

Event: 2025 Griffiss Petro Q1

	Sample ID	Matrix	Date	Time	Samp Init.	Analytical Test Method SW8260D (A)	Location ID	Sample Type	Depth (ft bgs) Top	Depth (ft bgs) Bottom	Cooler	Comments
1	789MW-135_0325	WG	4/2/25	1345	LS	X	WL-789MW-135	N1	23.00	33.00	1	
2	789MW-46R_0325	WG	4/2/25	1515	LS	X	WL-789MW-46R	N1	14.00	29.00	1	
3	789MW-83_0325	WG	4/3/25	1015	LS	X	WL-789MW-83	N1	21.00	31.00	1	
4	789MW-95_0325	WG	4/3/25	1155	LS	X	WL-789MW-95	N1	10.50	20.50	1	
5	~~789MW-98_0325~~	~~WG~~				X	~~WL-789MW-98~~	~~N1~~	~~10.00~~	~~20.00~~	~~1~~	4/2/25 LS no sample
6	789MW-99_0325	WG	4/2/25	1650	LS	X	WL-789MW-99	N1	14.50	24.50	1	
7	789MW-99_0325-A	WG	4/2/25	1650	LS	X	WL-789MW-99	FD1	14.50	24.50	1	
	~~789MW-102_0325~~	~~WG~~				X	~~WL-789MW-102~~	~~N1~~	~~5~~	~~15~~	~~1~~	4/4/2025 No Sample
8	789MW-216_0325	WG	4/3/25	1105	LS	X	WL-789MW-216	N1	19.00	29.00	1	
9	789MW-222_0325	WG	4/2/25	1230	LS	X	WL-789MW-222	N1	18.00	28.00	1	
10	789MW-222_0325-MS	WG	4/2/25	1230	LS	X	WL-789MW-222	MS1	18.00	28.00	1	
11	789MW-222_0325-SD	WG	4/2/25	1230	LS	X	WL-789MW-222	SD1	18.00	28.00	1	
12	789MW-251_0325	WG	4/4/2025	1215	LS	X	WL-789MW-251	N1	4.80	29.80	1	
13	789SW-02_0325	WG	4/4/25	1110	LS	X	789SW-02	N1	0.00	0.00	1	
14	789SW-03_0325	WG	4/4/25	1130	LS	X	789SW-03	N1	0.00	0.00	1	
15	789SW-04_0325	WG	4/4/25	1145	LS	X	789SW-04	N1	0.00	0.00	1	
16	789-AB01_0325-D	WQ	4/3/25	1100	LS	X	FIELDQC	AB1	0.00	0.00	1	
17	789-TB01_0325-C	WQ	4/2/25	1125	LS	X	FIELDQC	TB1	0.00	0.00	1	

Turnaround Time: 21 days

Relinquished by: *(Signature)*
Date 4/4/2025
Time 1330
Received by: *(Signature)* FEDEX
GRFS_COC_2025 Griffiss Petro 1Q

FEDEX
Date 4/5/25
Time 1000
Shipping Date:
Received by Laboratory: *(Signature, Date, Time)* & conditio

FINAL ASSESSMENT
LABEL VERIFICATION
3.0
IRH

FC23706: Chain of Custody
Page 1 of 3

SGS Sample Receipt Summary

Job Number: fc23706 **Client:** BEAB **Project:** GRIFFISS AIR FORCE BASE, BECOS

Date / Time Received: 4/5/2025 10:00:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 400490072098

Cooler Temps (Raw Measured) °C: Cooler 1: (3.0);

Cooler Temps (Corrected) °C: Cooler 1: (3.4);

Cooler Information	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☑	☐
2. Trip Blank listed on COC:	☐		☑	☐

3. Type of TB Received	W	or	S	N/A
	☐		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Suffiient volume/containers recv'd for analysis	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample label	☐		☐	
7. VOCs have headspace	☑		☐	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☐
11. % Solids Jar Received?	☐		☐	☐
12. Residual Chlorine Present?	☐		☐	☐

Misc Information

Number of Encores: 25 Gram 5 Gram

Number of Lab Filtered Metals:

Test Strip Lot #s: pH 0-3: 226422 pH 10-12: Other: (Specify) 0-14 210224

Residual Chlorine Test Strip Lot #

Comments DID NOT RECEIVE TB.

SM089-03
Rev. Date 12/7/17

Jean Dent 4/7/25

Client notified of missing Trip Blank. Thank you.

FC23706: Chain of Custody
Page 3 of 3

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3525	SW846 8260D						
VI3525-BS	67-64-1	Acetone	BSP	REC	99	%	39-160
VI3525-BS	71-43-2	Benzene	BSP	REC	86	%	79-120
VI3525-BS	108-86-1	Bromobenzene	BSP	REC	96	%	80-120
VI3525-BS	74-97-5	Bromochloromethane	BSP	REC	94	%	78-123
VI3525-BS	75-27-4	Bromodichloromethane	BSP	REC	92	%	79-125
VI3525-BS	75-25-2	Bromoform	BSP	REC	94	%	66-130
VI3525-BS	78-93-3	2-Butanone (MEK)	BSP	REC	94	%	56-143
VI3525-BS	104-51-8	n-Butylbenzene	BSP	REC	102	%	75-128
VI3525-BS	135-98-8	sec-Butylbenzene	BSP	REC	94	%	77-126
VI3525-BS	98-06-6	tert-Butylbenzene	BSP	REC	100	%	78-124
VI3525-BS	75-15-0	Carbon Disulfide	BSP	REC	90	%	64-133
VI3525-BS	56-23-5	Carbon Tetrachloride	BSP	REC	92	%	72-136
VI3525-BS	108-90-7	Chlorobenzene	BSP	REC	92	%	82-118
VI3525-BS	75-00-3	Chloroethane	BSP	REC	95	%	60-138
VI3525-BS	67-66-3	Chloroform	BSP	REC	91	%	79-124
VI3525-BS	95-49-8	o-Chlorotoluene	BSP	REC	97	%	79-122
VI3525-BS	106-43-4	p-Chlorotoluene	BSP	REC	97	%	78-122
VI3525-BS	124-48-1	Dibromochloromethane	BSP	REC	95	%	74-126
VI3525-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	96	%	62-128
VI3525-BS	106-93-4	1,2-Dibromoethane	BSP	REC	90	%	77-121
VI3525-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	82	%	32-152
VI3525-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	97	%	80-119
VI3525-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	97	%	80-119
VI3525-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	96	%	79-118
VI3525-BS	75-34-3	1,1-Dichloroethane	BSP	REC	91	%	77-125
VI3525-BS	107-06-2	1,2-Dichloroethane	BSP	REC	93	%	73-128
VI3525-BS	75-35-4	1,1-Dichloroethylene	BSP	REC	82	%	71-131
VI3525-BS	156-59-2	cis-1,2-Dichloroethylene	BSP	REC	93	%	78-123
VI3525-BS	156-60-5	trans-1,2-Dichloroethylene	BSP	REC	88	%	75-124
VI3525-BS	540-59-0	1,2-Dichloroethene (total)	BSP	REC	90	%	79-121
VI3525-BS	78-87-5	1,2-Dichloropropane	BSP	REC	91	%	78-122
VI3525-BS	142-28-9	1,3-Dichloropropane	BSP	REC	90	%	80-119
VI3525-BS	594-20-7	2,2-Dichloropropane	BSP	REC	93	%	60-139
VI3525-BS	563-58-6	1,1-Dichloropropene	BSP	REC	100	%	79-125
VI3525-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	91	%	75-124
VI3525-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	92	%	73-127
VI3525-BS	100-41-4	Ethylbenzene	BSP	REC	92	%	79-121
VI3525-BS	87-68-3	Hexachlorobutadiene	BSP	REC	101	%	66-134
VI3525-BS	591-78-6	2-Hexanone	BSP	REC	107	%	57-139
VI3525-BS	98-82-8	Isopropylbenzene	BSP	REC	97	%	72-131
VI3525-BS	99-87-6	p-Isopropyltoluene	BSP	REC	97	%	77-127
VI3525-BS	74-83-9	Methyl Bromide	BSP	REC	85	%	53-141

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3525-BS	74-87-3	Methyl Chloride	BSP	REC	81	%	50-139
VI3525-BS	74-95-3	Methylene Bromide	BSP	REC	94	%	79-123
VI3525-BS	75-09-2	Methylene Chloride	BSP	REC	94	%	74-124
VI3525-BS	108-10-1	4-Methyl-2-pentanone (MIBK)	BSP	REC	102	%	67-130
VI3525-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	98	%	71-124
VI3525-BS	91-20-3	Naphthalene	BSP	REC	102	%	61-128
VI3525-BS	103-65-1	n-Propylbenzene	BSP	REC	96	%	76-126
VI3525-BS	100-42-5	Styrene	BSP	REC	95	%	78-123
VI3525-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	92	%	78-124
VI3525-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	88	%	71-121
VI3525-BS	127-18-4	Tetrachloroethylene	BSP	REC	96	%	74-129
VI3525-BS	108-88-3	Toluene	BSP	REC	89	%	80-121
VI3525-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	102	%	69-129
VI3525-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	97	%	69-130
VI3525-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	93	%	74-131
VI3525-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	94	%	80-119
VI3525-BS	79-01-6	Trichloroethylene	BSP	REC	87	%	79-123
VI3525-BS	75-69-4	Trichlorofluoromethane	BSP	REC	86	%	65-141
VI3525-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	97	%	73-122
VI3525-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	97	%	76-124
VI3525-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	99	%	75-124
VI3525-BS	108-05-4	Vinyl Acetate	BSP	REC	95	%	54-146
VI3525-BS	75-01-4	Vinyl Chloride	BSP	REC	86	%	58-137
VI3525-BS		m,p-Xylene	BSP	REC	91	%	80-121
VI3525-BS	95-47-6	o-Xylene	BSP	REC	94	%	78-122
VI3525-BS	1330-20-7	Xylene (total)	BSP	REC	92	%	79-121
VI3525-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	101	%	80-119
VI3525-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	103	%	81-118
VI3525-BS	2037-26-5	Toluene-D8	BSP	SURR	97	%	89-112
VI3525-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	85-114
FC23653-3MS*	67-64-1	Acetone	MS	REC	93	%	39-160
FC23653-3MS*	71-43-2	Benzene	MS	REC	80	%	79-120
FC23653-3MS*	108-86-1	Bromobenzene	MS	REC	88	%	80-120
FC23653-3MS*	74-97-5	Bromochloromethane	MS	REC	90	%	78-123
FC23653-3MS*	75-27-4	Bromodichloromethane	MS	REC	87	%	79-125
FC23653-3MS*	75-25-2	Bromoform	MS	REC	83	%	66-130
FC23653-3MS*	78-93-3	2-Butanone (MEK)	MS	REC	84	%	56-143
FC23653-3MS*	104-51-8	n-Butylbenzene	MS	REC	85	%	75-128
FC23653-3MS*	135-98-8	sec-Butylbenzene	MS	REC	82	%	77-126
FC23653-3MS*	98-06-6	tert-Butylbenzene	MS	REC	88	%	78-124
FC23653-3MS*	75-15-0	Carbon Disulfide	MS	REC	84	%	64-133
FC23653-3MS*	56-23-5	Carbon Tetrachloride	MS	REC	88	%	72-136
FC23653-3MS*	108-90-7	Chlorobenzene	MS	REC	82	%	82-118
FC23653-3MS*	75-00-3	Chloroethane	MS	REC	87	%	60-138
FC23653-3MS*	67-66-3	Chloroform	MS	REC	87	%	79-124

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23653-3MS*	95-49-8	o-Chlorotoluene	MS	REC	87	%	79-122
FC23653-3MS*	106-43-4	p-Chlorotoluene	MS	REC	88	%	78-122
FC23653-3MS*	124-48-1	Dibromochloromethane	MS	REC	86	%	74-126
FC23653-3MS*	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	88	%	62-128
FC23653-3MS*	106-93-4	1,2-Dibromoethane	MS	REC	84	%	77-121
FC23653-3MS*	75-71-8	Dichlorodifluoromethane	MS	REC	70	%	32-152
FC23653-3MS*	95-50-1	1,2-Dichlorobenzene	MS	REC	90	%	80-119
FC23653-3MS*	541-73-1	1,3-Dichlorobenzene	MS	REC	89	%	80-119
FC23653-3MS*	106-46-7	1,4-Dichlorobenzene	MS	REC	85	%	79-118
FC23653-3MS*	75-34-3	1,1-Dichloroethane	MS	REC	84	%	77-125
FC23653-3MS*	107-06-2	1,2-Dichloroethane	MS	REC	87	%	73-128
FC23653-3MS*	75-35-4	1,1-Dichloroethylene	MS	REC	77	%	71-131
FC23653-3MS*	156-59-2	cis-1,2-Dichloroethylene	MS	REC	88	%	78-123
FC23653-3MS*	156-60-5	trans-1,2-Dichloroethylene	MS	REC	79	%	75-124
FC23653-3MS*	540-59-0	1,2-Dichloroethene (total)	MS	REC	84	%	79-121
FC23653-3MS*	78-87-5	1,2-Dichloropropane	MS	REC	85	%	78-122
FC23653-3MS*	142-28-9	1,3-Dichloropropane	MS	REC	82	%	80-119
FC23653-3MS*	594-20-7	2,2-Dichloropropane	MS	REC	81	%	60-139
FC23653-3MS*	563-58-6	1,1-Dichloropropene	MS	REC	90	%	79-125
FC23653-3MS*	10061-01-5	cis-1,3-Dichloropropene	MS	REC	78	%	75-124
FC23653-3MS*	10061-02-6	trans-1,3-Dichloropropene	MS	REC	82	%	73-127
FC23653-3MS*	100-41-4	Ethylbenzene	MS	REC	81	%	79-121
FC23653-3MS*	87-68-3	Hexachlorobutadiene	MS	REC	79	%	66-134
FC23653-3MS*	591-78-6	2-Hexanone	MS	REC	102	%	57-139
FC23653-3MS*	98-82-8	Isopropylbenzene	MS	REC	84	%	72-131
FC23653-3MS*	99-87-6	p-Isopropyltoluene	MS	REC	82	%	77-127
FC23653-3MS*	74-83-9	Methyl Bromide	MS	REC	42	%	53-141
FC23653-3MS*	74-87-3	Methyl Chloride	MS	REC	69	%	50-139
FC23653-3MS*	74-95-3	Methylene Bromide	MS	REC	84	%	79-123
FC23653-3MS*	75-09-2	Methylene Chloride	MS	REC	86	%	74-124
FC23653-3MS*	108-10-1	4-Methyl-2-pentanone (MIBK)	MS	REC	97	%	67-130
FC23653-3MS*	1634-04-4	Methyl Tert Butyl Ether	MS	REC	86	%	71-124
FC23653-3MS*	91-20-3	Naphthalene	MS	REC	85	%	61-128
FC23653-3MS*	103-65-1	n-Propylbenzene	MS	REC	87	%	76-126
FC23653-3MS*	100-42-5	Styrene	MS	REC	86	%	78-123
FC23653-3MS*	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	83	%	78-124
FC23653-3MS*	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	85	%	71-121
FC23653-3MS*	127-18-4	Tetrachloroethylene	MS	REC	72	%	74-129
FC23653-3MS*	108-88-3	Toluene	MS	REC	81	%	80-121
FC23653-3MS*	87-61-6	1,2,3-Trichlorobenzene	MS	REC	89	%	69-129
FC23653-3MS*	120-82-1	1,2,4-Trichlorobenzene	MS	REC	81	%	69-130
FC23653-3MS*	71-55-6	1,1,1-Trichloroethane	MS	REC	90	%	74-131
FC23653-3MS*	79-00-5	1,1,2-Trichloroethane	MS	REC	86	%	80-119
FC23653-3MS*	79-01-6	Trichloroethylene	MS	REC	75	%	79-123
FC23653-3MS*	75-69-4	Trichlorofluoromethane	MS	REC	77	%	65-141

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23653-3MS*	96-18-4	1,2,3-Trichloropropane	MS	REC	90	%	73-122
FC23653-3MS*	95-63-6	1,2,4-Trimethylbenzene	MS	REC	88	%	76-124
FC23653-3MS*	108-67-8	1,3,5-Trimethylbenzene	MS	REC	89	%	75-124
FC23653-3MS*	108-05-4	Vinyl Acetate	MS	REC	90	%	54-146
FC23653-3MS*	75-01-4	Vinyl Chloride	MS	REC	76	%	58-137
FC23653-3MS*		m,p-Xylene	MS	REC	82	%	80-121
FC23653-3MS*	95-47-6	o-Xylene	MS	REC	82	%	78-122
FC23653-3MS*	1330-20-7	Xylene (total)	MS	REC	82	%	79-121
FC23653-3MS*	1868-53-7	Dibromofluoromethane	MS	SURR	102	%	80-119
FC23653-3MS*	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	105	%	81-118
FC23653-3MS*	2037-26-5	Toluene-D8	MS	SURR	95	%	89-112
FC23653-3MS*	460-00-4	4-Bromofluorobenzene	MS	SURR	100	%	85-114
FC23653-3MSD*	67-64-1	Acetone	MSD	REC	95	%	39-160
FC23653-3MSD*	67-64-1	Acetone	MSD	RPD	3	%	20
FC23653-3MSD*	71-43-2	Benzene	MSD	REC	80	%	79-120
FC23653-3MSD*	71-43-2	Benzene	MSD	RPD	0	%	20
FC23653-3MSD*	108-86-1	Bromobenzene	MSD	REC	85	%	80-120
FC23653-3MSD*	108-86-1	Bromobenzene	MSD	RPD	3	%	20
FC23653-3MSD*	74-97-5	Bromochloromethane	MSD	REC	88	%	78-123
FC23653-3MSD*	74-97-5	Bromochloromethane	MSD	RPD	3	%	20
FC23653-3MSD*	75-27-4	Bromodichloromethane	MSD	REC	85	%	79-125
FC23653-3MSD*	75-27-4	Bromodichloromethane	MSD	RPD	2	%	20
FC23653-3MSD*	75-25-2	Bromoform	MSD	REC	80	%	66-130
FC23653-3MSD*	75-25-2	Bromoform	MSD	RPD	3	%	20
FC23653-3MSD*	78-93-3	2-Butanone (MEK)	MSD	REC	86	%	56-143
FC23653-3MSD*	78-93-3	2-Butanone (MEK)	MSD	RPD	3	%	20
FC23653-3MSD*	104-51-8	n-Butylbenzene	MSD	REC	89	%	75-128
FC23653-3MSD*	104-51-8	n-Butylbenzene	MSD	RPD	5	%	20
FC23653-3MSD*	135-98-8	sec-Butylbenzene	MSD	REC	83	%	77-126
FC23653-3MSD*	135-98-8	sec-Butylbenzene	MSD	RPD	1	%	20
FC23653-3MSD*	98-06-6	tert-Butylbenzene	MSD	REC	90	%	78-124
FC23653-3MSD*	98-06-6	tert-Butylbenzene	MSD	RPD	1	%	20
FC23653-3MSD*	75-15-0	Carbon Disulfide	MSD	REC	84	%	64-133
FC23653-3MSD*	75-15-0	Carbon Disulfide	MSD	RPD	0	%	20
FC23653-3MSD*	56-23-5	Carbon Tetrachloride	MSD	REC	87	%	72-136
FC23653-3MSD*	56-23-5	Carbon Tetrachloride	MSD	RPD	1	%	20
FC23653-3MSD*	108-90-7	Chlorobenzene	MSD	REC	85	%	82-118
FC23653-3MSD*	108-90-7	Chlorobenzene	MSD	RPD	3	%	20
FC23653-3MSD*	75-00-3	Chloroethane	MSD	REC	88	%	60-138
FC23653-3MSD*	75-00-3	Chloroethane	MSD	RPD	2	%	20
FC23653-3MSD*	67-66-3	Chloroform	MSD	REC	85	%	79-124
FC23653-3MSD*	67-66-3	Chloroform	MSD	RPD	3	%	20
FC23653-3MSD*	95-49-8	o-Chlorotoluene	MSD	REC	86	%	79-122
FC23653-3MSD*	95-49-8	o-Chlorotoluene	MSD	RPD	1	%	20
FC23653-3MSD*	106-43-4	p-Chlorotoluene	MSD	REC	89	%	78-122

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23653-3MSD*	106-43-4	p-Chlorotoluene	MSD	RPD	1	%	20
FC23653-3MSD*	124-48-1	Dibromochloromethane	MSD	REC	88	%	74-126
FC23653-3MSD*	124-48-1	Dibromochloromethane	MSD	RPD	2	%	20
FC23653-3MSD*	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	87	%	62-128
FC23653-3MSD*	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	1	%	20
FC23653-3MSD*	106-93-4	1,2-Dibromoethane	MSD	REC	81	%	77-121
FC23653-3MSD*	106-93-4	1,2-Dibromoethane	MSD	RPD	4	%	20
FC23653-3MSD*	75-71-8	Dichlorodifluoromethane	MSD	REC	76	%	32-152
FC23653-3MSD*	75-71-8	Dichlorodifluoromethane	MSD	RPD	9	%	20
FC23653-3MSD*	95-50-1	1,2-Dichlorobenzene	MSD	REC	88	%	80-119
FC23653-3MSD*	95-50-1	1,2-Dichlorobenzene	MSD	RPD	2	%	20
FC23653-3MSD*	541-73-1	1,3-Dichlorobenzene	MSD	REC	88	%	80-119
FC23653-3MSD*	541-73-1	1,3-Dichlorobenzene	MSD	RPD	1	%	20
FC23653-3MSD*	106-46-7	1,4-Dichlorobenzene	MSD	REC	84	%	79-118
FC23653-3MSD*	106-46-7	1,4-Dichlorobenzene	MSD	RPD	1	%	20
FC23653-3MSD*	75-34-3	1,1-Dichloroethane	MSD	REC	84	%	77-125
FC23653-3MSD*	75-34-3	1,1-Dichloroethane	MSD	RPD	0	%	20
FC23653-3MSD*	107-06-2	1,2-Dichloroethane	MSD	REC	86	%	73-128
FC23653-3MSD*	107-06-2	1,2-Dichloroethane	MSD	RPD	1	%	20
FC23653-3MSD*	75-35-4	1,1-Dichloroethylene	MSD	REC	78	%	71-131
FC23653-3MSD*	75-35-4	1,1-Dichloroethylene	MSD	RPD	2	%	20
FC23653-3MSD*	156-59-2	cis-1,2-Dichloroethylene	MSD	REC	92	%	78-123
FC23653-3MSD*	156-59-2	cis-1,2-Dichloroethylene	MSD	RPD	3	%	20
FC23653-3MSD*	156-60-5	trans-1,2-Dichloroethylene	MSD	REC	81	%	75-124
FC23653-3MSD*	156-60-5	trans-1,2-Dichloroethylene	MSD	RPD	2	%	20
FC23653-3MSD*	540-59-0	1,2-Dichloroethene (total)	MSD	REC	87	%	79-121
FC23653-3MSD*	540-59-0	1,2-Dichloroethene (total)	MSD	RPD	2	%	20
FC23653-3MSD*	78-87-5	1,2-Dichloropropane	MSD	REC	82	%	78-122
FC23653-3MSD*	78-87-5	1,2-Dichloropropane	MSD	RPD	4	%	20
FC23653-3MSD*	142-28-9	1,3-Dichloropropane	MSD	REC	84	%	80-119
FC23653-3MSD*	142-28-9	1,3-Dichloropropane	MSD	RPD	1	%	20
FC23653-3MSD*	594-20-7	2,2-Dichloropropane	MSD	REC	82	%	60-139
FC23653-3MSD*	594-20-7	2,2-Dichloropropane	MSD	RPD	0	%	20
FC23653-3MSD*	563-58-6	1,1-Dichloropropene	MSD	REC	92	%	79-125
FC23653-3MSD*	563-58-6	1,1-Dichloropropene	MSD	RPD	3	%	20
FC23653-3MSD*	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	78	%	75-124
FC23653-3MSD*	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	1	%	20
FC23653-3MSD*	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	82	%	73-127
FC23653-3MSD*	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	1	%	20
FC23653-3MSD*	100-41-4	Ethylbenzene	MSD	REC	82	%	79-121
FC23653-3MSD*	100-41-4	Ethylbenzene	MSD	RPD	1	%	20
FC23653-3MSD*	87-68-3	Hexachlorobutadiene	MSD	REC	82	%	66-134
FC23653-3MSD*	87-68-3	Hexachlorobutadiene	MSD	RPD	4	%	20
FC23653-3MSD*	591-78-6	2-Hexanone	MSD	REC	112	%	57-139
FC23653-3MSD*	591-78-6	2-Hexanone	MSD	RPD	9	%	20

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23653-3MSD*	98-82-8	Isopropylbenzene	MSD	REC	87	%	72-131
FC23653-3MSD*	98-82-8	Isopropylbenzene	MSD	RPD	4	%	20
FC23653-3MSD*	99-87-6	p-Isopropyltoluene	MSD	REC	83	%	77-127
FC23653-3MSD*	99-87-6	p-Isopropyltoluene	MSD	RPD	1	%	20
FC23653-3MSD*	74-83-9	Methyl Bromide	MSD	REC	59	%	53-141
FC23653-3MSD*	74-83-9	Methyl Bromide	MSD	RPD	32	%	20
FC23653-3MSD*	74-87-3	Methyl Chloride	MSD	REC	72	%	50-139
FC23653-3MSD*	74-87-3	Methyl Chloride	MSD	RPD	4	%	20
FC23653-3MSD*	74-95-3	Methylene Bromide	MSD	REC	85	%	79-123
FC23653-3MSD*	74-95-3	Methylene Bromide	MSD	RPD	0	%	20
FC23653-3MSD*	75-09-2	Methylene Chloride	MSD	REC	88	%	74-124
FC23653-3MSD*	75-09-2	Methylene Chloride	MSD	RPD	1	%	20
FC23653-3MSD*	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	REC	99	%	67-130
FC23653-3MSD*	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	RPD	2	%	20
FC23653-3MSD*	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	86	%	71-124
FC23653-3MSD*	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	1	%	20
FC23653-3MSD*	91-20-3	Naphthalene	MSD	REC	86	%	61-128
FC23653-3MSD*	91-20-3	Naphthalene	MSD	RPD	1	%	20
FC23653-3MSD*	103-65-1	n-Propylbenzene	MSD	REC	86	%	76-126
FC23653-3MSD*	103-65-1	n-Propylbenzene	MSD	RPD	0	%	20
FC23653-3MSD*	100-42-5	Styrene	MSD	REC	82	%	78-123
FC23653-3MSD*	100-42-5	Styrene	MSD	RPD	5	%	20
FC23653-3MSD*	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	84	%	78-124
FC23653-3MSD*	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	1	%	20
FC23653-3MSD*	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	84	%	71-121
FC23653-3MSD*	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	1	%	20
FC23653-3MSD*	127-18-4	Tetrachloroethylene	MSD	REC	55	%	74-129
FC23653-3MSD*	127-18-4	Tetrachloroethylene	MSD	RPD	7	%	20
FC23653-3MSD*	108-88-3	Toluene	MSD	REC	82	%	80-121
FC23653-3MSD*	108-88-3	Toluene	MSD	RPD	1	%	20
FC23653-3MSD*	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	89	%	69-129
FC23653-3MSD*	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	0	%	20
FC23653-3MSD*	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	83	%	69-130
FC23653-3MSD*	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	2	%	20
FC23653-3MSD*	71-55-6	1,1,1-Trichloroethane	MSD	REC	90	%	74-131
FC23653-3MSD*	71-55-6	1,1,1-Trichloroethane	MSD	RPD	0	%	20
FC23653-3MSD*	79-00-5	1,1,2-Trichloroethane	MSD	REC	86	%	80-119
FC23653-3MSD*	79-00-5	1,1,2-Trichloroethane	MSD	RPD	0	%	20
FC23653-3MSD*	79-01-6	Trichloroethylene	MSD	REC	77	%	79-123
FC23653-3MSD*	79-01-6	Trichloroethylene	MSD	RPD	2	%	20
FC23653-3MSD*	75-69-4	Trichlorofluoromethane	MSD	REC	84	%	65-141
FC23653-3MSD*	75-69-4	Trichlorofluoromethane	MSD	RPD	9	%	20
FC23653-3MSD*	96-18-4	1,2,3-Trichloropropane	MSD	REC	90	%	73-122
FC23653-3MSD*	96-18-4	1,2,3-Trichloropropane	MSD	RPD	0	%	20
FC23653-3MSD*	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	86	%	76-124

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23653-3MSD*	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	2	%	20
FC23653-3MSD*	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	89	%	75-124
FC23653-3MSD*	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	0	%	20
FC23653-3MSD*	108-05-4	Vinyl Acetate	MSD	REC	89	%	54-146
FC23653-3MSD*	108-05-4	Vinyl Acetate	MSD	RPD	1	%	20
FC23653-3MSD*	75-01-4	Vinyl Chloride	MSD	REC	80	%	58-137
FC23653-3MSD*	75-01-4	Vinyl Chloride	MSD	RPD	5	%	20
FC23653-3MSD*		m,p-Xylene	MSD	REC	84	%	80-121
FC23653-3MSD*		m,p-Xylene	MSD	RPD	2	%	20
FC23653-3MSD*	95-47-6	o-Xylene	MSD	REC	83	%	78-122
FC23653-3MSD*	95-47-6	o-Xylene	MSD	RPD	1	%	20
FC23653-3MSD*	1330-20-7	Xylene (total)	MSD	REC	83	%	79-121
FC23653-3MSD*	1330-20-7	Xylene (total)	MSD	RPD	2	%	20
FC23653-3MSD*	1868-53-7	Dibromofluoromethane	MSD	SURR	102	%	80-119
FC23653-3MSD*	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	104	%	81-118
FC23653-3MSD*	2037-26-5	Toluene-D8	MSD	SURR	95	%	89-112
FC23653-3MSD*	460-00-4	4-Bromofluorobenzene	MSD	SURR	98	%	85-114
VI3525-MB	1868-53-7	Dibromofluoromethane	MB	SURR	101	%	80-119
VI3525-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	107	%	81-118
VI3525-MB	2037-26-5	Toluene-D8	MB	SURR	94	%	89-112
VI3525-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	105	%	85-114
FC23706-14	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC23706-14	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	104	%	81-118
FC23706-14	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC23706-14	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
VI3526	SW846 8260D						
VI3526-BS	67-64-1	Acetone	BSP	REC	106	%	39-160
VI3526-BS	71-43-2	Benzene	BSP	REC	87	%	79-120
VI3526-BS	108-86-1	Bromobenzene	BSP	REC	98	%	80-120
VI3526-BS	74-97-5	Bromochloromethane	BSP	REC	97	%	78-123
VI3526-BS	75-27-4	Bromodichloromethane	BSP	REC	94	%	79-125
VI3526-BS	75-25-2	Bromoform	BSP	REC	95	%	66-130
VI3526-BS	78-93-3	2-Butanone (MEK)	BSP	REC	96	%	56-143
VI3526-BS	104-51-8	n-Butylbenzene	BSP	REC	107	%	75-128
VI3526-BS	135-98-8	sec-Butylbenzene	BSP	REC	98	%	77-126
VI3526-BS	98-06-6	tert-Butylbenzene	BSP	REC	104	%	78-124
VI3526-BS	75-15-0	Carbon Disulfide	BSP	REC	92	%	64-133
VI3526-BS	56-23-5	Carbon Tetrachloride	BSP	REC	95	%	72-136
VI3526-BS	108-90-7	Chlorobenzene	BSP	REC	94	%	82-118
VI3526-BS	75-00-3	Chloroethane	BSP	REC	82	%	60-138
VI3526-BS	67-66-3	Chloroform	BSP	REC	92	%	79-124
VI3526-BS	95-49-8	o-Chlorotoluene	BSP	REC	99	%	79-122
VI3526-BS	106-43-4	p-Chlorotoluene	BSP	REC	102	%	78-122

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3526-BS	124-48-1	Dibromochloromethane	BSP	REC	98	%	74-126
VI3526-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	104	%	62-128
VI3526-BS	106-93-4	1,2-Dibromoethane	BSP	REC	93	%	77-121
VI3526-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	74	%	32-152
VI3526-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	100	%	80-119
VI3526-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	99	%	80-119
VI3526-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	99	%	79-118
VI3526-BS	75-34-3	1,1-Dichloroethane	BSP	REC	101	%	77-125
VI3526-BS	107-06-2	1,2-Dichloroethane	BSP	REC	96	%	73-128
VI3526-BS	75-35-4	1,1-Dichloroethylene	BSP	REC	85	%	71-131
VI3526-BS	156-59-2	cis-1,2-Dichloroethylene	BSP	REC	93	%	78-123
VI3526-BS	156-60-5	trans-1,2-Dichloroethylene	BSP	REC	89	%	75-124
VI3526-BS	540-59-0	1,2-Dichloroethene (total)	BSP	REC	91	%	79-121
VI3526-BS	78-87-5	1,2-Dichloropropane	BSP	REC	91	%	78-122
VI3526-BS	142-28-9	1,3-Dichloropropane	BSP	REC	94	%	80-119
VI3526-BS	594-20-7	2,2-Dichloropropane	BSP	REC	99	%	60-139
VI3526-BS	563-58-6	1,1-Dichloropropene	BSP	REC	99	%	79-125
VI3526-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	93	%	75-124
VI3526-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	93	%	73-127
VI3526-BS	100-41-4	Ethylbenzene	BSP	REC	92	%	79-121
VI3526-BS	87-68-3	Hexachlorobutadiene	BSP	REC	104	%	66-134
VI3526-BS	591-78-6	2-Hexanone	BSP	REC	111	%	57-139
VI3526-BS	98-82-8	Isopropylbenzene	BSP	REC	97	%	72-131
VI3526-BS	99-87-6	p-Isopropyltoluene	BSP	REC	100	%	77-127
VI3526-BS	74-83-9	Methyl Bromide	BSP	REC	73	%	53-141
VI3526-BS	74-87-3	Methyl Chloride	BSP	REC	70	%	50-139
VI3526-BS	74-95-3	Methylene Bromide	BSP	REC	94	%	79-123
VI3526-BS	75-09-2	Methylene Chloride	BSP	REC	94	%	74-124
VI3526-BS	108-10-1	4-Methyl-2-pentanone (MIBK)	BSP	REC	105	%	67-130
VI3526-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	99	%	71-124
VI3526-BS	91-20-3	Naphthalene	BSP	REC	105	%	61-128
VI3526-BS	103-65-1	n-Propylbenzene	BSP	REC	100	%	76-126
VI3526-BS	100-42-5	Styrene	BSP	REC	96	%	78-123
VI3526-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	95	%	78-124
VI3526-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	91	%	71-121
VI3526-BS	127-18-4	Tetrachloroethylene	BSP	REC	98	%	74-129
VI3526-BS	108-88-3	Toluene	BSP	REC	92	%	80-121
VI3526-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	106	%	69-129
VI3526-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	100	%	69-130
VI3526-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	98	%	74-131
VI3526-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	92	%	80-119
VI3526-BS	79-01-6	Trichloroethylene	BSP	REC	90	%	79-123
VI3526-BS	75-69-4	Trichlorofluoromethane	BSP	REC	80	%	65-141
VI3526-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	99	%	73-122
VI3526-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	102	%	76-124

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3526-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	102	%	75-124
VI3526-BS	108-05-4	Vinyl Acetate	BSP	REC	95	%	54-146
VI3526-BS	75-01-4	Vinyl Chloride	BSP	REC	74	%	58-137
VI3526-BS		m,p-Xylene	BSP	REC	95	%	80-121
VI3526-BS	95-47-6	o-Xylene	BSP	REC	96	%	78-122
VI3526-BS	1330-20-7	Xylene (total)	BSP	REC	95	%	79-121
VI3526-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	101	%	80-119
VI3526-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	104	%	81-118
VI3526-BS	2037-26-5	Toluene-D8	BSP	SURR	96	%	89-112
VI3526-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	99	%	85-114
FC23706-8MS	67-64-1	Acetone	MS	REC	87	%	39-160
FC23706-8MS	71-43-2	Benzene	MS	REC	85	%	79-120
FC23706-8MS	108-86-1	Bromobenzene	MS	REC	91	%	80-120
FC23706-8MS	74-97-5	Bromochloromethane	MS	REC	94	%	78-123
FC23706-8MS	75-27-4	Bromodichloromethane	MS	REC	88	%	79-125
FC23706-8MS	75-25-2	Bromoform	MS	REC	84	%	66-130
FC23706-8MS	78-93-3	2-Butanone (MEK)	MS	REC	81	%	56-143
FC23706-8MS	104-51-8	n-Butylbenzene	MS	REC	95	%	75-128
FC23706-8MS	135-98-8	sec-Butylbenzene	MS	REC	92	%	77-126
FC23706-8MS	98-06-6	tert-Butylbenzene	MS	REC	98	%	78-124
FC23706-8MS	75-15-0	Carbon Disulfide	MS	REC	86	%	64-133
FC23706-8MS	56-23-5	Carbon Tetrachloride	MS	REC	85	%	72-136
FC23706-8MS	108-90-7	Chlorobenzene	MS	REC	88	%	82-118
FC23706-8MS	75-00-3	Chloroethane	MS	REC	100	%	60-138
FC23706-8MS	67-66-3	Chloroform	MS	REC	90	%	79-124
FC23706-8MS	95-49-8	o-Chlorotoluene	MS	REC	92	%	79-122
FC23706-8MS	106-43-4	p-Chlorotoluene	MS	REC	94	%	78-122
FC23706-8MS	124-48-1	Dibromochloromethane	MS	REC	90	%	74-126
FC23706-8MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	86	%	62-128
FC23706-8MS	106-93-4	1,2-Dibromoethane	MS	REC	88	%	77-121
FC23706-8MS	75-71-8	Dichlorodifluoromethane	MS	REC	74	%	32-152
FC23706-8MS	95-50-1	1,2-Dichlorobenzene	MS	REC	94	%	80-119
FC23706-8MS	541-73-1	1,3-Dichlorobenzene	MS	REC	93	%	80-119
FC23706-8MS	106-46-7	1,4-Dichlorobenzene	MS	REC	91	%	79-118
FC23706-8MS	75-34-3	1,1-Dichloroethane	MS	REC	89	%	77-125
FC23706-8MS	107-06-2	1,2-Dichloroethane	MS	REC	93	%	73-128
FC23706-8MS	75-35-4	1,1-Dichloroethylene	MS	REC	82	%	71-131
FC23706-8MS	156-59-2	cis-1,2-Dichloroethylene	MS	REC	92	%	78-123
FC23706-8MS	156-60-5	trans-1,2-Dichloroethylene	MS	REC	84	%	75-124
FC23706-8MS	540-59-0	1,2-Dichloroethene (total)	MS	REC	88	%	79-121
FC23706-8MS	78-87-5	1,2-Dichloropropane	MS	REC	90	%	78-122
FC23706-8MS	142-28-9	1,3-Dichloropropane	MS	REC	86	%	80-119
FC23706-8MS	594-20-7	2,2-Dichloropropane	MS	REC	90	%	60-139
FC23706-8MS	563-58-6	1,1-Dichloropropene	MS	REC	98	%	79-125
FC23706-8MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	82	%	75-124

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23706-8MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	86	%	73-127
FC23706-8MS	100-41-4	Ethylbenzene	MS	REC	76	%	79-121
FC23706-8MS	87-68-3	Hexachlorobutadiene	MS	REC	84	%	66-134
FC23706-8MS	591-78-6	2-Hexanone	MS	REC	95	%	57-139
FC23706-8MS	98-82-8	Isopropylbenzene	MS	REC	92	%	72-131
FC23706-8MS	99-87-6	p-Isopropyltoluene	MS	REC	91	%	77-127
FC23706-8MS	74-83-9	Methyl Bromide	MS	REC	52	%	53-141
FC23706-8MS	74-87-3	Methyl Chloride	MS	REC	69	%	50-139
FC23706-8MS	74-95-3	Methylene Bromide	MS	REC	90	%	79-123
FC23706-8MS	75-09-2	Methylene Chloride	MS	REC	91	%	74-124
FC23706-8MS	108-10-1	4-Methyl-2-pentanone (MIBK)	MS	REC	94	%	67-130
FC23706-8MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	90	%	71-124
FC23706-8MS	91-20-3	Naphthalene	MS	REC	89	%	61-128
FC23706-8MS	103-65-1	n-Propylbenzene	MS	REC	93	%	76-126
FC23706-8MS	100-42-5	Styrene	MS	REC	94	%	78-123
FC23706-8MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	88	%	78-124
FC23706-8MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	87	%	71-121
FC23706-8MS	127-18-4	Tetrachloroethylene	MS	REC	93	%	74-129
FC23706-8MS	108-88-3	Toluene	MS	REC	86	%	80-121
FC23706-8MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	93	%	69-129
FC23706-8MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	88	%	69-130
FC23706-8MS	71-55-6	1,1,1-Trichloroethane	MS	REC	95	%	74-131
FC23706-8MS	79-00-5	1,1,2-Trichloroethane	MS	REC	89	%	80-119
FC23706-8MS	79-01-6	Trichloroethylene	MS	REC	88	%	79-123
FC23706-8MS	75-69-4	Trichlorofluoromethane	MS	REC	82	%	65-141
FC23706-8MS	96-18-4	1,2,3-Trichloropropane	MS	REC	93	%	73-122
FC23706-8MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	94	%	76-124
FC23706-8MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	96	%	75-124
FC23706-8MS	108-05-4	Vinyl Acetate	MS	REC	88	%	54-146
FC23706-8MS	75-01-4	Vinyl Chloride	MS	REC	76	%	58-137
FC23706-8MS		m,p-Xylene	MS	REC	87	%	80-121
FC23706-8MS	95-47-6	o-Xylene	MS	REC	86	%	78-122
FC23706-8MS	1330-20-7	Xylene (total)	MS	REC	87	%	79-121
FC23706-8MS	1868-53-7	Dibromofluoromethane	MS	SURR	102	%	80-119
FC23706-8MS	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	105	%	81-118
FC23706-8MS	2037-26-5	Toluene-D8	MS	SURR	94	%	89-112
FC23706-8MS	460-00-4	4-Bromofluorobenzene	MS	SURR	99	%	85-114
FC23706-8MSD	67-64-1	Acetone	MSD	REC	89	%	39-160
FC23706-8MSD	67-64-1	Acetone	MSD	RPD	2	%	20
FC23706-8MSD	71-43-2	Benzene	MSD	REC	82	%	79-120
FC23706-8MSD	71-43-2	Benzene	MSD	RPD	4	%	20
FC23706-8MSD	108-86-1	Bromobenzene	MSD	REC	88	%	80-120
FC23706-8MSD	108-86-1	Bromobenzene	MSD	RPD	3	%	20
FC23706-8MSD	74-97-5	Bromochloromethane	MSD	REC	89	%	78-123
FC23706-8MSD	74-97-5	Bromochloromethane	MSD	RPD	6	%	20

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23706-8MSD	75-27-4	Bromodichloromethane	MSD	REC	86	%	79-125
FC23706-8MSD	75-27-4	Bromodichloromethane	MSD	RPD	1	%	20
FC23706-8MSD	75-25-2	Bromoform	MSD	REC	83	%	66-130
FC23706-8MSD	75-25-2	Bromoform	MSD	RPD	1	%	20
FC23706-8MSD	78-93-3	2-Butanone (MEK)	MSD	REC	82	%	56-143
FC23706-8MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	2	%	20
FC23706-8MSD	104-51-8	n-Butylbenzene	MSD	REC	91	%	75-128
FC23706-8MSD	104-51-8	n-Butylbenzene	MSD	RPD	5	%	20
FC23706-8MSD	135-98-8	sec-Butylbenzene	MSD	REC	87	%	77-126
FC23706-8MSD	135-98-8	sec-Butylbenzene	MSD	RPD	6	%	20
FC23706-8MSD	98-06-6	tert-Butylbenzene	MSD	REC	94	%	78-124
FC23706-8MSD	98-06-6	tert-Butylbenzene	MSD	RPD	4	%	20
FC23706-8MSD	75-15-0	Carbon Disulfide	MSD	REC	84	%	64-133
FC23706-8MSD	75-15-0	Carbon Disulfide	MSD	RPD	1	%	20
FC23706-8MSD	56-23-5	Carbon Tetrachloride	MSD	REC	80	%	72-136
FC23706-8MSD	56-23-5	Carbon Tetrachloride	MSD	RPD	5	%	20
FC23706-8MSD	108-90-7	Chlorobenzene	MSD	REC	86	%	82-118
FC23706-8MSD	108-90-7	Chlorobenzene	MSD	RPD	3	%	20
FC23706-8MSD	75-00-3	Chloroethane	MSD	REC	96	%	60-138
FC23706-8MSD	75-00-3	Chloroethane	MSD	RPD	4	%	20
FC23706-8MSD	67-66-3	Chloroform	MSD	REC	88	%	79-124
FC23706-8MSD	67-66-3	Chloroform	MSD	RPD	2	%	20
FC23706-8MSD	95-49-8	o-Chlorotoluene	MSD	REC	90	%	79-122
FC23706-8MSD	95-49-8	o-Chlorotoluene	MSD	RPD	2	%	20
FC23706-8MSD	106-43-4	p-Chlorotoluene	MSD	REC	91	%	78-122
FC23706-8MSD	106-43-4	p-Chlorotoluene	MSD	RPD	3	%	20
FC23706-8MSD	124-48-1	Dibromochloromethane	MSD	REC	87	%	74-126
FC23706-8MSD	124-48-1	Dibromochloromethane	MSD	RPD	3	%	20
FC23706-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	86	%	62-128
FC23706-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	0	%	20
FC23706-8MSD	106-93-4	1,2-Dibromoethane	MSD	REC	84	%	77-121
FC23706-8MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	4	%	20
FC23706-8MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	77	%	32-152
FC23706-8MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	4	%	20
FC23706-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	90	%	80-119
FC23706-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	5	%	20
FC23706-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	91	%	80-119
FC23706-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	2	%	20
FC23706-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	87	%	79-118
FC23706-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	5	%	20
FC23706-8MSD	75-34-3	1,1-Dichloroethane	MSD	REC	87	%	77-125
FC23706-8MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	2	%	20
FC23706-8MSD	107-06-2	1,2-Dichloroethane	MSD	REC	89	%	73-128
FC23706-8MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	4	%	20
FC23706-8MSD	75-35-4	1,1-Dichloroethylene	MSD	REC	80	%	71-131

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23706-8MSD	75-35-4	1,1-Dichloroethylene	MSD	RPD	2	%	20
FC23706-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	REC	89	%	78-123
FC23706-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	RPD	4	%	20
FC23706-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	REC	83	%	75-124
FC23706-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	RPD	1	%	20
FC23706-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	REC	86	%	79-121
FC23706-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	RPD	2	%	20
FC23706-8MSD	78-87-5	1,2-Dichloropropane	MSD	REC	88	%	78-122
FC23706-8MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	2	%	20
FC23706-8MSD	142-28-9	1,3-Dichloropropane	MSD	REC	84	%	80-119
FC23706-8MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	2	%	20
FC23706-8MSD	594-20-7	2,2-Dichloropropane	MSD	REC	88	%	60-139
FC23706-8MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	3	%	20
FC23706-8MSD	563-58-6	1,1-Dichloropropene	MSD	REC	96	%	79-125
FC23706-8MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	2	%	20
FC23706-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	82	%	75-124
FC23706-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	0	%	20
FC23706-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	82	%	73-127
FC23706-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	4	%	20
FC23706-8MSD	100-41-4	Ethylbenzene	MSD	REC	74	%	79-121
FC23706-8MSD	100-41-4	Ethylbenzene	MSD	RPD	2	%	20
FC23706-8MSD	87-68-3	Hexachlorobutadiene	MSD	REC	83	%	66-134
FC23706-8MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	1	%	20
FC23706-8MSD	591-78-6	2-Hexanone	MSD	REC	98	%	57-139
FC23706-8MSD	591-78-6	2-Hexanone	MSD	RPD	3	%	20
FC23706-8MSD	98-82-8	Isopropylbenzene	MSD	REC	90	%	72-131
FC23706-8MSD	98-82-8	Isopropylbenzene	MSD	RPD	1	%	20
FC23706-8MSD	99-87-6	p-Isopropyltoluene	MSD	REC	89	%	77-127
FC23706-8MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	2	%	20
FC23706-8MSD	74-83-9	Methyl Bromide	MSD	REC	58	%	53-141
FC23706-8MSD	74-83-9	Methyl Bromide	MSD	RPD	11	%	20
FC23706-8MSD	74-87-3	Methyl Chloride	MSD	REC	71	%	50-139
FC23706-8MSD	74-87-3	Methyl Chloride	MSD	RPD	3	%	20
FC23706-8MSD	74-95-3	Methylene Bromide	MSD	REC	85	%	79-123
FC23706-8MSD	74-95-3	Methylene Bromide	MSD	RPD	5	%	20
FC23706-8MSD	75-09-2	Methylene Chloride	MSD	REC	87	%	74-124
FC23706-8MSD	75-09-2	Methylene Chloride	MSD	RPD	5	%	20
FC23706-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	REC	95	%	67-130
FC23706-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	RPD	2	%	20
FC23706-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	87	%	71-124
FC23706-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	4	%	20
FC23706-8MSD	91-20-3	Naphthalene	MSD	REC	86	%	61-128
FC23706-8MSD	91-20-3	Naphthalene	MSD	RPD	3	%	20
FC23706-8MSD	103-65-1	n-Propylbenzene	MSD	REC	90	%	76-126
FC23706-8MSD	103-65-1	n-Propylbenzene	MSD	RPD	3	%	20

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23706-8MSD	100-42-5	Styrene	MSD	REC	92	%	78-123
FC23706-8MSD	100-42-5	Styrene	MSD	RPD	3	%	20
FC23706-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	86	%	78-124
FC23706-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	1	%	20
FC23706-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	84	%	71-121
FC23706-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	4	%	20
FC23706-8MSD	127-18-4	Tetrachloroethylene	MSD	REC	90	%	74-129
FC23706-8MSD	127-18-4	Tetrachloroethylene	MSD	RPD	3	%	20
FC23706-8MSD	108-88-3	Toluene	MSD	REC	86	%	80-121
FC23706-8MSD	108-88-3	Toluene	MSD	RPD	0	%	20
FC23706-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	90	%	69-129
FC23706-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	3	%	20
FC23706-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	86	%	69-130
FC23706-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	3	%	20
FC23706-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	92	%	74-131
FC23706-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	3	%	20
FC23706-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	91	%	80-119
FC23706-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	2	%	20
FC23706-8MSD	79-01-6	Trichloroethylene	MSD	REC	84	%	79-123
FC23706-8MSD	79-01-6	Trichloroethylene	MSD	RPD	4	%	20
FC23706-8MSD	75-69-4	Trichlorofluoromethane	MSD	REC	85	%	65-141
FC23706-8MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	4	%	20
FC23706-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	88	%	73-122
FC23706-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	5	%	20
FC23706-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	90	%	76-124
FC23706-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	5	%	20
FC23706-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	93	%	75-124
FC23706-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	3	%	20
FC23706-8MSD	108-05-4	Vinyl Acetate	MSD	REC	86	%	54-146
FC23706-8MSD	108-05-4	Vinyl Acetate	MSD	RPD	2	%	20
FC23706-8MSD	75-01-4	Vinyl Chloride	MSD	REC	79	%	58-137
FC23706-8MSD	75-01-4	Vinyl Chloride	MSD	RPD	4	%	20
FC23706-8MSD		m,p-Xylene	MSD	REC	85	%	80-121
FC23706-8MSD		m,p-Xylene	MSD	RPD	2	%	20
FC23706-8MSD	95-47-6	o-Xylene	MSD	REC	86	%	78-122
FC23706-8MSD	95-47-6	o-Xylene	MSD	RPD	0	%	20
FC23706-8MSD	1330-20-7	Xylene (total)	MSD	REC	86	%	79-121
FC23706-8MSD	1330-20-7	Xylene (total)	MSD	RPD	1	%	20
FC23706-8MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	102	%	80-119
FC23706-8MSD	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	105	%	81-118
FC23706-8MSD	2037-26-5	Toluene-D8	MSD	SURR	95	%	89-112
FC23706-8MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	98	%	85-114
VI3526-MB	1868-53-7	Dibromofluoromethane	MB	SURR	103	%	80-119
VI3526-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	108	%	81-118
VI3526-MB	2037-26-5	Toluene-D8	MB	SURR	95	%	89-112

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3526-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	107	%	85-114
FC23706-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC23706-1	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	106	%	81-118
FC23706-1	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC23706-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC23706-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-2	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-2	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC23706-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC23706-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-3	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	108	%	81-118
FC23706-3	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC23706-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC23706-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-4	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	106	%	81-118
FC23706-4	2037-26-5	Toluene-D8	SAMP	SURR	93	%	89-112
FC23706-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC23706-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-5	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-5	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC23706-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC23706-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC23706-6	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-6	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC23706-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC23706-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-7	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-7	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC23706-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC23706-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC23706-8	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	105	%	81-118
FC23706-8	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC23706-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC23706-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC23706-9	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-9	2037-26-5	Toluene-D8	SAMP	SURR	93	%	89-112
FC23706-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC23706-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-10	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-10	2037-26-5	Toluene-D8	SAMP	SURR	93	%	89-112
FC23706-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC23706-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-11	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	107	%	81-118
FC23706-11	2037-26-5	Toluene-D8	SAMP	SURR	91	%	89-112
FC23706-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114

* Sample used for QC is not from job FC23706

QC Evaluation: DOD QSM5.x Limits

Job Number: FC23706
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 04/02/25 thru 04/04/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC23706-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-12	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	108	%	81-118
FC23706-12	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC23706-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	99	%	85-114
FC23706-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC23706-13	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	108	%	81-118
FC23706-13	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC23706-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114

* Sample used for QC is not from job FC23706

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-MB [a]	I770509.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.37	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.23	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.31	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-MB [a]	I770509.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.22	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.37	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.29	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
	m,p-Xylene	ND	2.0	0.47	ug/l	
95-47-6	o-Xylene	ND	1.0	0.26	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-MB [a]	I770509.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	107%	79-125%
2037-26-5	Toluene-D8	94%	85-112%
460-00-4	4-Bromofluorobenzene	105%	83-118%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-MB [a]	I770538.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.37	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.23	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.31	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-MB [a]	I770538.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.22	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.37	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.29	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
	m,p-Xylene	ND	2.0	0.47	ug/l	
95-47-6	o-Xylene	ND	1.0	0.26	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-MB [a]	I770538.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	108%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-BS	I770507.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	124	99	50-147
71-43-2	Benzene	25	21.5	86	81-122
108-86-1	Bromobenzene	25	23.9	96	80-121
74-97-5	Bromochloromethane	25	23.4	94	76-123
75-27-4	Bromodichloromethane	25	23.1	92	79-123
75-25-2	Bromoform	25	23.5	94	66-123
78-93-3	2-Butanone (MEK)	125	117	94	56-143
104-51-8	n-Butylbenzene	25	25.5	102	79-126
135-98-8	sec-Butylbenzene	25	23.6	94	83-133
98-06-6	tert-Butylbenzene	25	24.9	100	80-133
75-15-0	Carbon Disulfide	25	22.5	90	66-148
56-23-5	Carbon Tetrachloride	25	23.0	92	76-136
108-90-7	Chlorobenzene	25	22.9	92	82-124
75-00-3	Chloroethane	25	23.7	95	62-144
67-66-3	Chloroform	25	22.7	91	80-124
95-49-8	o-Chlorotoluene	25	24.2	97	81-127
106-43-4	p-Chlorotoluene	25	24.3	97	83-130
124-48-1	Dibromochloromethane	25	23.8	95	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	24.0	96	64-123
106-93-4	1,2-Dibromoethane	25	22.6	90	75-120
75-71-8	Dichlorodifluoromethane	25	20.4	82	42-167
95-50-1	1,2-Dichlorobenzene	25	24.3	97	82-124
541-73-1	1,3-Dichlorobenzene	25	24.3	97	84-125
106-46-7	1,4-Dichlorobenzene	25	24.0	96	78-120
75-34-3	1,1-Dichloroethane	25	22.8	91	81-122
107-06-2	1,2-Dichloroethane	25	23.3	93	75-125
75-35-4	1,1-Dichloroethylene	25	20.4	82	78-137
156-59-2	cis-1,2-Dichloroethylene	25	23.3	93	78-120
156-60-5	trans-1,2-Dichloroethylene	25	21.9	88	76-127
540-59-0	1,2-Dichloroethene (total)	50	45.2	90	77-122
78-87-5	1,2-Dichloropropane	25	22.8	91	76-124
142-28-9	1,3-Dichloropropane	25	22.6	90	80-118
594-20-7	2,2-Dichloropropane	25	23.2	93	74-139
563-58-6	1,1-Dichloropropene	25	25.0	100	79-131
10061-01-5	cis-1,3-Dichloropropene	25	22.7	91	75-118
10061-02-6	trans-1,3-Dichloropropene	25	23.1	92	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-BS	I770507.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	22.9	92	81-121
87-68-3	Hexachlorobutadiene	25	25.3	101	75-142
591-78-6	2-Hexanone	125	134	107	61-129
98-82-8	Isopropylbenzene	25	24.3	97	83-132
99-87-6	p-Isopropyltoluene	25	24.2	97	79-130
74-83-9	Methyl Bromide	25	21.3	85	59-143
74-87-3	Methyl Chloride	25	20.3	81	50-159
74-95-3	Methylene Bromide	25	23.5	94	78-119
75-09-2	Methylene Chloride	25	23.6	94	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	128	102	66-122
1634-04-4	Methyl Tert Butyl Ether	25	24.4	98	72-117
91-20-3	Naphthalene	25	25.5	102	63-132
103-65-1	n-Propylbenzene	25	24.0	96	82-133
100-42-5	Styrene	25	23.7	95	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	22.9	92	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	22.1	88	72-120
127-18-4	Tetrachloroethylene	25	24.0	96	76-135
108-88-3	Toluene	25	22.2	89	80-120
87-61-6	1,2,3-Trichlorobenzene	25	25.6	102	68-131
120-82-1	1,2,4-Trichlorobenzene	25	24.2	97	73-129
71-55-6	1,1,1-Trichloroethane	25	23.3	93	75-130
79-00-5	1,1,2-Trichloroethane	25	23.5	94	76-119
79-01-6	Trichloroethylene	25	21.8	87	81-126
75-69-4	Trichlorofluoromethane	25	21.6	86	71-156
96-18-4	1,2,3-Trichloropropane	25	24.3	97	77-120
95-63-6	1,2,4-Trimethylbenzene	25	24.3	97	79-120
108-67-8	1,3,5-Trimethylbenzene	25	24.8	99	79-120
108-05-4	Vinyl Acetate	125	119	95	43-154
75-01-4	Vinyl Chloride	25	21.4	86	69-159
	m,p-Xylene	50	45.3	91	79-126
95-47-6	o-Xylene	25	23.4	94	80-127
1330-20-7	Xylene (total)	75	68.7	92	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3525-BS	I770507.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	103%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-BS	I770536.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	132	106	50-147
71-43-2	Benzene	25	21.7	87	81-122
108-86-1	Bromobenzene	25	24.5	98	80-121
74-97-5	Bromochloromethane	25	24.3	97	76-123
75-27-4	Bromodichloromethane	25	23.5	94	79-123
75-25-2	Bromoform	25	23.7	95	66-123
78-93-3	2-Butanone (MEK)	125	120	96	56-143
104-51-8	n-Butylbenzene	25	26.8	107	79-126
135-98-8	sec-Butylbenzene	25	24.6	98	83-133
98-06-6	tert-Butylbenzene	25	25.9	104	80-133
75-15-0	Carbon Disulfide	25	23.0	92	66-148
56-23-5	Carbon Tetrachloride	25	23.7	95	76-136
108-90-7	Chlorobenzene	25	23.4	94	82-124
75-00-3	Chloroethane	25	20.5	82	62-144
67-66-3	Chloroform	25	23.1	92	80-124
95-49-8	o-Chlorotoluene	25	24.8	99	81-127
106-43-4	p-Chlorotoluene	25	25.4	102	83-130
124-48-1	Dibromochloromethane	25	24.5	98	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	25.9	104	64-123
106-93-4	1,2-Dibromoethane	25	23.3	93	75-120
75-71-8	Dichlorodifluoromethane	25	18.4	74	42-167
95-50-1	1,2-Dichlorobenzene	25	24.9	100	82-124
541-73-1	1,3-Dichlorobenzene	25	24.8	99	84-125
106-46-7	1,4-Dichlorobenzene	25	24.7	99	78-120
75-34-3	1,1-Dichloroethane	25	25.3	101	81-122
107-06-2	1,2-Dichloroethane	25	24.1	96	75-125
75-35-4	1,1-Dichloroethylene	25	21.3	85	78-137
156-59-2	cis-1,2-Dichloroethylene	25	23.2	93	78-120
156-60-5	trans-1,2-Dichloroethylene	25	22.2	89	76-127
540-59-0	1,2-Dichloroethene (total)	50	45.4	91	77-122
78-87-5	1,2-Dichloropropane	25	22.7	91	76-124
142-28-9	1,3-Dichloropropane	25	23.6	94	80-118
594-20-7	2,2-Dichloropropane	25	24.7	99	74-139
563-58-6	1,1-Dichloropropene	25	24.7	99	79-131
10061-01-5	cis-1,3-Dichloropropene	25	23.2	93	75-118
10061-02-6	trans-1,3-Dichloropropene	25	23.3	93	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-BS	I770536.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	23.1	92	81-121
87-68-3	Hexachlorobutadiene	25	26.0	104	75-142
591-78-6	2-Hexanone	125	139	111	61-129
98-82-8	Isopropylbenzene	25	24.3	97	83-132
99-87-6	p-Isopropyltoluene	25	24.9	100	79-130
74-83-9	Methyl Bromide	25	18.2	73	59-143
74-87-3	Methyl Chloride	25	17.6	70	50-159
74-95-3	Methylene Bromide	25	23.4	94	78-119
75-09-2	Methylene Chloride	25	23.6	94	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	131	105	66-122
1634-04-4	Methyl Tert Butyl Ether	25	24.8	99	72-117
91-20-3	Naphthalene	25	26.3	105	63-132
103-65-1	n-Propylbenzene	25	25.1	100	82-133
100-42-5	Styrene	25	24.1	96	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	23.7	95	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	22.7	91	72-120
127-18-4	Tetrachloroethylene	25	24.5	98	76-135
108-88-3	Toluene	25	22.9	92	80-120
87-61-6	1,2,3-Trichlorobenzene	25	26.4	106	68-131
120-82-1	1,2,4-Trichlorobenzene	25	25.1	100	73-129
71-55-6	1,1,1-Trichloroethane	25	24.5	98	75-130
79-00-5	1,1,2-Trichloroethane	25	23.1	92	76-119
79-01-6	Trichloroethylene	25	22.6	90	81-126
75-69-4	Trichlorofluoromethane	25	19.9	80	71-156
96-18-4	1,2,3-Trichloropropane	25	24.7	99	77-120
95-63-6	1,2,4-Trimethylbenzene	25	25.4	102	79-120
108-67-8	1,3,5-Trimethylbenzene	25	25.6	102	79-120
108-05-4	Vinyl Acetate	125	119	95	43-154
75-01-4	Vinyl Chloride	25	18.4	74	69-159
	m,p-Xylene	50	47.5	95	79-126
95-47-6	o-Xylene	25	24.1	96	80-127
1330-20-7	Xylene (total)	75	71.6	95	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3526-BS	I770536.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	104%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23653-3MS	I770531.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3MSD	I770532.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3	I770512.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	FC23653-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25	U	125	116	93	125	119	95	3	50-147/21
71-43-2	Benzene	1.0	U	25	20.1	80*	25	20.0	80*	0	81-122/14
108-86-1	Bromobenzene	1.0	U	25	21.9	88	25	21.2	85	3	80-121/14
74-97-5	Bromochloromethane	1.0	U	25	22.5	90	25	21.9	88	3	76-123/14
75-27-4	Bromodichloromethane	1.0	U	25	21.7	87	25	21.2	85	2	79-123/19
75-25-2	Bromoform	1.0	U	25	20.7	83	25	20.1	80	3	66-123/21
78-93-3	2-Butanone (MEK)	5.0	U	125	105	84	125	108	86	3	56-143/18
104-51-8	n-Butylbenzene	1.0	U	25	21.2	85	25	22.2	89	5	79-126/16
135-98-8	sec-Butylbenzene	1.0	U	25	20.6	82*	25	20.8	83	1	83-133/16
98-06-6	tert-Butylbenzene	1.0	U	25	22.1	88	25	22.4	90	1	80-133/16
75-15-0	Carbon Disulfide	2.0	U	25	20.9	84	25	21.0	84	0	66-148/23
56-23-5	Carbon Tetrachloride	1.0	U	25	22.0	88	25	21.8	87	1	76-136/23
108-90-7	Chlorobenzene	1.0	U	25	20.6	82	25	21.3	85	3	82-124/14
75-00-3	Chloroethane	2.0	U	25	21.7	87	25	22.1	88	2	62-144/20
67-66-3	Chloroform	1.0	U	25	21.8	87	25	21.2	85	3	80-124/15
95-49-8	o-Chlorotoluene	1.0	U	25	21.7	87	25	21.5	86	1	81-127/15
106-43-4	p-Chlorotoluene	1.0	U	25	21.9	88	25	22.2	89	1	83-130/15
124-48-1	Dibromochloromethane	1.0	U	25	21.6	86	25	22.1	88	2	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	5.0	U	25	22.0	88	25	21.7	87	1	64-123/18
106-93-4	1,2-Dibromoethane	2.0	U	25	21.1	84	25	20.2	81	4	75-120/13
75-71-8	Dichlorodifluoromethane	2.0	U	25	17.4	70	25	19.1	76	9	42-167/19
95-50-1	1,2-Dichlorobenzene	1.0	U	25	22.4	90	25	21.9	88	2	82-124/14
541-73-1	1,3-Dichlorobenzene	1.0	U	25	22.2	89	25	22.0	88	1	84-125/14
106-46-7	1,4-Dichlorobenzene	1.0	U	25	21.3	85	25	21.1	84	1	78-120/15
75-34-3	1,1-Dichloroethane	1.0	U	25	21.0	84	25	20.9	84	0	81-122/15
107-06-2	1,2-Dichloroethane	1.0	U	25	21.8	87	25	21.6	86	1	75-125/14
75-35-4	1,1-Dichloroethylene	1.0	U	25	19.3	77*	25	19.6	78	2	78-137/18
156-59-2	cis-1,2-Dichloroethylene	18.9		25	40.9	88	25	42.0	92	3	78-120/15
156-60-5	trans-1,2-Dichloroethylene	2.0		25	21.8	79	25	22.2	81	2	76-127/17
540-59-0	1,2-Dichloroethene (total)	20.9		50	62.7	84	50	64.2	87	2	77-122/15
78-87-5	1,2-Dichloropropane	1.0	U	25	21.3	85	25	20.5	82	4	76-124/14
142-28-9	1,3-Dichloropropane	1.0	U	25	20.6	82	25	20.9	84	1	80-118/13
594-20-7	2,2-Dichloropropane	1.0	U	25	20.3	81	25	20.4	82	0	74-139/17
563-58-6	1,1-Dichloropropene	1.0	U	25	22.5	90	25	23.1	92	3	79-131/16
10061-01-5	cis-1,3-Dichloropropene	1.0	U	25	19.6	78	25	19.5	78	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0	U	25	20.4	82	25	20.6	82	1	80-120/22

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23653-3MS	I770531.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3MSD	I770532.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3	I770512.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Compound	FC23653-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	1.0	U	25	20.2	81	25	20.5	82	1	81-121/14
87-68-3	Hexachlorobutadiene	2.0	U	25	19.7	79	25	20.5	82	4	75-142/19
591-78-6	2-Hexanone	10	U	125	128	102	125	140	112	9	61-129/18
98-82-8	Isopropylbenzene	1.0	U	25	21.0	84	25	21.8	87	4	83-132/15
99-87-6	p-Isopropyltoluene	1.0	U	25	20.5	82	25	20.8	83	1	79-130/16
74-83-9	Methyl Bromide	5.0	U	25	10.6	42*	25	14.7	59	32*	59-143/19
74-87-3	Methyl Chloride	2.0	U	25	17.2	69	25	17.9	72	4	50-159/19
74-95-3	Methylene Bromide	2.0	U	25	21.1	84	25	21.2	85	0	78-119/14
75-09-2	Methylene Chloride	5.0	U	25	21.6	86	25	21.9	88	1	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0	U	125	121	97	125	124	99	2	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0	U	25	21.4	86	25	21.6	86	1	72-117/14
91-20-3	Naphthalene	5.0	U	25	21.2	85	25	21.4	86	1	63-132/25
103-65-1	n-Propylbenzene	1.0	U	25	21.7	87	25	21.6	86	0	82-133/15
100-42-5	Styrene	1.0	U	25	21.4	86	25	20.4	82	5	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	25	20.7	83	25	21.0	84	1	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	25	21.2	85	25	20.9	84	1	72-120/14
127-18-4	Tetrachloroethylene	46.5		25	64.4	72*	25	60.2	55*	7	76-135/16
108-88-3	Toluene	1.0	U	25	20.3	81	25	20.5	82	1	80-120/14
87-61-6	1,2,3-Trichlorobenzene	2.0	U	25	22.3	89	25	22.2	89	0	68-131/25
120-82-1	1,2,4-Trichlorobenzene	2.0	U	25	20.3	81	25	20.8	83	2	73-129/20
71-55-6	1,1,1-Trichloroethane	1.0	U	25	22.6	90	25	22.5	90	0	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0	U	25	21.4	86	25	21.4	86	0	76-119/14
79-01-6	Trichloroethylene	7.2		25	26.0	75*	25	26.4	77*	2	81-126/15
75-69-4	Trichlorofluoromethane	2.0	U	25	19.3	77	25	21.1	84	9	71-156/21
96-18-4	1,2,3-Trichloropropane	2.0	U	25	22.5	90	25	22.4	90	0	77-120/16
95-63-6	1,2,4-Trimethylbenzene	1.0	U	25	22.0	88	25	21.6	86	2	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0	U	25	22.3	89	25	22.2	89	0	79-120/19
108-05-4	Vinyl Acetate	10	U	125	112	90	125	111	89	1	43-154/14
75-01-4	Vinyl Chloride	1.0	U	25	19.0	76	25	19.9	80	5	69-159/18
	m,p-Xylene	2.0	U	50	41.0	82	50	41.9	84	2	79-126/15
95-47-6	o-Xylene	1.0	U	25	20.5	82	25	20.8	83	1	80-127/14
1330-20-7	Xylene (total)	3.0	U	75	61.5	82	75	62.6	83	2	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23653-3MS	I770531.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3MSD	I770532.D	1	04/07/25	JW	n/a	n/a	VI3525
FC23653-3	I770512.D	1	04/07/25	JW	n/a	n/a	VI3525

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-14

CAS No.	Surrogate Recoveries	MS	MSD	FC23653-3	Limits
1868-53-7	Dibromofluoromethane	102%	102%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	104%	105%	79-125%
2037-26-5	Toluene-D8	95%	95%	95%	85-112%
460-00-4	4-Bromofluorobenzene	100%	98%	102%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23706-8MS	I770562.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8MSD	I770563.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8	I770540.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	FC23706-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	109	87	125	111	89	2	50-147/21
71-43-2	Benzene	1.0 U		25	21.2	85	25	20.4	82	4	81-122/14
108-86-1	Bromobenzene	1.0 U		25	22.7	91	25	22.1	88	3	80-121/14
74-97-5	Bromochloromethane	1.0 U		25	23.6	94	25	22.3	89	6	76-123/14
75-27-4	Bromodichloromethane	1.0 U		25	21.9	88	25	21.6	86	1	79-123/19
75-25-2	Bromoform	1.0 U		25	21.0	84	25	20.8	83	1	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	101	81	125	103	82	2	56-143/18
104-51-8	n-Butylbenzene	1.0 U		25	23.8	95	25	22.7	91	5	79-126/16
135-98-8	sec-Butylbenzene	1.0 U		25	23.1	92	25	21.8	87	6	83-133/16
98-06-6	tert-Butylbenzene	1.0 U		25	24.6	98	25	23.6	94	4	80-133/16
75-15-0	Carbon Disulfide	2.0 U		25	21.4	86	25	21.1	84	1	66-148/23
56-23-5	Carbon Tetrachloride	1.0 U		25	21.2	85	25	20.1	80	5	76-136/23
108-90-7	Chlorobenzene	1.0 U		25	22.1	88	25	21.4	86	3	82-124/14
75-00-3	Chloroethane	2.0 U		25	25.0	100	25	24.0	96	4	62-144/20
67-66-3	Chloroform	1.0 U		25	22.5	90	25	22.1	88	2	80-124/15
95-49-8	o-Chlorotoluene	1.0 U		25	22.9	92	25	22.5	90	2	81-127/15
106-43-4	p-Chlorotoluene	1.0 U		25	23.4	94	25	22.7	91	3	83-130/15
124-48-1	Dibromochloromethane	1.0 U		25	22.4	90	25	21.8	87	3	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	5.0 U		25	21.6	86	25	21.5	86	0	64-123/18
106-93-4	1,2-Dibromoethane	2.0 U		25	21.9	88	25	21.0	84	4	75-120/13
75-71-8	Dichlorodifluoromethane	2.0 U		25	18.6	74	25	19.3	77	4	42-167/19
95-50-1	1,2-Dichlorobenzene	1.0 U		25	23.6	94	25	22.5	90	5	82-124/14
541-73-1	1,3-Dichlorobenzene	1.0 U		25	23.2	93	25	22.8	91	2	84-125/14
106-46-7	1,4-Dichlorobenzene	1.0 U		25	22.7	91	25	21.7	87	5	78-120/15
75-34-3	1,1-Dichloroethane	1.0 U		25	22.3	89	25	21.8	87	2	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	23.2	93	25	22.2	89	4	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	20.6	82	25	20.1	80	2	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	23.0	92	25	22.2	89	4	78-120/15
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	20.9	84	25	20.7	83	1	76-127/17
540-59-0	1,2-Dichloroethene (total)	2.0 U		50	43.9	88	50	42.9	86	2	77-122/15
78-87-5	1,2-Dichloropropane	1.0 U		25	22.4	90	25	22.0	88	2	76-124/14
142-28-9	1,3-Dichloropropane	1.0 U		25	21.4	86	25	20.9	84	2	80-118/13
594-20-7	2,2-Dichloropropane	1.0 U		25	22.6	90	25	22.0	88	3	74-139/17
563-58-6	1,1-Dichloropropene	1.0 U		25	24.4	98	25	23.9	96	2	79-131/16
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	20.5	82	25	20.5	82	0	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	21.5	86	25	20.6	82	4	80-120/22

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23706-8MS	I770562.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8MSD	I770563.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8	I770540.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Compound	FC23706-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	1.0 U		25	18.9	76*	25	18.5	74*	2	81-121/14
87-68-3	Hexachlorobutadiene	2.0 U		25	21.1	84	25	20.8	83	1	75-142/19
591-78-6	2-Hexanone	10 U		125	119	95	125	123	98	3	61-129/18
98-82-8	Isopropylbenzene	1.0 U		25	22.9	92	25	22.6	90	1	83-132/15
99-87-6	p-Isopropyltoluene	1.0 U		25	22.7	91	25	22.2	89	2	79-130/16
74-83-9	Methyl Bromide	5.0 U		25	12.9	52*	25	14.4	58*	11	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	17.2	69	25	17.7	71	3	50-159/19
74-95-3	Methylene Bromide	2.0 U		25	22.4	90	25	21.3	85	5	78-119/14
75-09-2	Methylene Chloride	5.0 U		25	22.7	91	25	21.7	87	5	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	117	94	125	119	95	2	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.5	90	25	21.7	87	4	72-117/14
91-20-3	Naphthalene	5.0 U		25	22.3	89	25	21.6	86	3	63-132/25
103-65-1	n-Propylbenzene	1.0 U		25	23.3	93	25	22.5	90	3	82-133/15
100-42-5	Styrene	1.0 U		25	23.6	94	25	22.9	92	3	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	21.9	88	25	21.6	86	1	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	21.8	87	25	21.0	84	4	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	23.2	93	25	22.6	90	3	76-135/16
108-88-3	Toluene	1.0 U		25	21.5	86	25	21.4	86	0	80-120/14
87-61-6	1,2,3-Trichlorobenzene	2.0 U		25	23.3	93	25	22.5	90	3	68-131/25
120-82-1	1,2,4-Trichlorobenzene	2.0 U		25	22.0	88	25	21.4	86	3	73-129/20
71-55-6	1,1,1-Trichloroethane	1.0 U		25	23.7	95	25	22.9	92	3	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	22.3	89	25	22.7	91	2	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	21.9	88	25	21.1	84	4	81-126/15
75-69-4	Trichlorofluoromethane	2.0 U		25	20.4	82	25	21.3	85	4	71-156/21
96-18-4	1,2,3-Trichloropropane	2.0 U		25	23.2	93	25	22.1	88	5	77-120/16
95-63-6	1,2,4-Trimethylbenzene	1.0 U		25	23.5	94	25	22.4	90	5	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U		25	23.9	96	25	23.2	93	3	79-120/19
108-05-4	Vinyl Acetate	10 U		125	110	88	125	108	86	2	43-154/14
75-01-4	Vinyl Chloride	1.0 U		25	19.0	76	25	19.7	79	4	69-159/18
	m,p-Xylene	2.0 U		50	43.6	87	50	42.7	85	2	79-126/15
95-47-6	o-Xylene	1.0 U		25	21.6	86	25	21.6	86	0	80-127/14
1330-20-7	Xylene (total)	3.0 U		75	65.2	87	75	64.3	86	1	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC23706-8MS	I770562.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8MSD	I770563.D	1	04/08/25	JW	n/a	n/a	VI3526
FC23706-8	I770540.D	1	04/08/25	JW	n/a	n/a	VI3526

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC23706-1, FC23706-2, FC23706-3, FC23706-4, FC23706-5, FC23706-6, FC23706-7, FC23706-8, FC23706-9, FC23706-10, FC23706-11, FC23706-12, FC23706-13

CAS No.	Surrogate Recoveries	MS	MSD	FC23706-8	Limits
1868-53-7	Dibromofluoromethane	102%	102%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	105%	105%	105%	79-125%
2037-26-5	Toluene-D8	94%	95%	94%	85-112%
460-00-4	4-Bromofluorobenzene	99%	98%	102%	83-118%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3517-BFB
Lab File ID: I770353.D
Instrument ID: GCMSI
Injection Date: 03/30/25
Injection Time: 11:24

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	39579	100.0		Pass
96	5.0 - 9.0% of mass 95	2632	6.65		Pass
173	Less than 2.0% of mass 174	352	0.89	(1.13) [a]	Pass
174	50.0 - 200.0% of mass 95	31253	79.0		Pass
175	5.0 - 9.0% of mass 174	2231	5.64	(7.14) [a]	Pass
176	95.0 - 105.0% of mass 174	29755	75.2	(95.2) [a]	Pass
177	5.0 - 10.0% of mass 176	1959	4.95	(6.58) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3517-IC3517	I770354.D	03/30/25	11:48	00:24	Initial cal 1
VI3517-IC3517	I770355.D	03/30/25	12:04	00:40	Initial cal 8
VI3517-IC3517	I770356.D	03/30/25	12:20	00:56	Initial cal 2
VI3517-IC3517	I770357.D	03/30/25	12:36	01:12	Initial cal 3
VI3517-IC3517	I770358.D	03/30/25	13:15	01:51	Initial cal 4
VI3517-ICC3517	I770359.D	03/30/25	13:31	02:07	Initial cal 5
VI3517-IC3517	I770360.D	03/30/25	13:48	02:24	Initial cal 6
VI3517-IC3517	I770361.D	03/30/25	14:04	02:40	Initial cal 7
VI3517-ICV3517	I770363.D	03/30/25	14:36	03:12	Initial cal verification 5

Instrument Performance Check (BFB)

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-BFB
Lab File ID: I770505.D
Instrument ID: GCMSI
Injection Date: 04/07/25
Injection Time: 08:33

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	42296	100.0		Pass
96	5.0 - 9.0% of mass 95	2694	6.37		Pass
173	Less than 2.0% of mass 174	299	0.71	(0.90) [a]	Pass
174	50.0 - 200.0% of mass 95	33136	78.3		Pass
175	5.0 - 9.0% of mass 174	2401	5.68	(7.25) [a]	Pass
176	95.0 - 105.0% of mass 174	31843	75.3	(96.1) [a]	Pass
177	5.0 - 10.0% of mass 176	2197	5.19	(6.90) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3525-CC3517	I770506.D	04/07/25	08:53	00:20	Continuing cal 5
VI3525-BS	I770507.D	04/07/25	09:14	00:41	Blank Spike
VI3525-MB	I770509.D	04/07/25	09:47	01:14	Method Blank
ZZZZZZ	I770511.D	04/07/25	10:28	01:55	(unrelated sample)
FC23653-3	I770512.D	04/07/25	10:44	02:11	(used for QC only; not part of job FC23706)
ZZZZZZ	I770513.D	04/07/25	11:01	02:28	(unrelated sample)
ZZZZZZ	I770514.D	04/07/25	11:24	02:51	(unrelated sample)
ZZZZZZ	I770515.D	04/07/25	11:41	03:08	(unrelated sample)
ZZZZZZ	I770516.D	04/07/25	11:57	03:24	(unrelated sample)
ZZZZZZ	I770517.D	04/07/25	12:14	03:41	(unrelated sample)
ZZZZZZ	I770518.D	04/07/25	12:30	03:57	(unrelated sample)
ZZZZZZ	I770519.D	04/07/25	12:47	04:14	(unrelated sample)
FC23706-14	I770520.D	04/07/25	13:04	04:31	789-TB01_0325-C
ZZZZZZ	I770521.D	04/07/25	13:20	04:47	(unrelated sample)
ZZZZZZ	I770522.D	04/07/25	13:37	05:04	(unrelated sample)
ZZZZZZ	I770523.D	04/07/25	13:54	05:21	(unrelated sample)
ZZZZZZ	I770524.D	04/07/25	14:10	05:37	(unrelated sample)
ZZZZZZ	I770525.D	04/07/25	14:27	05:54	(unrelated sample)
ZZZZZZ	I770526.D	04/07/25	14:43	06:10	(unrelated sample)
ZZZZZZ	I770527.D	04/07/25	15:00	06:27	(unrelated sample)
ZZZZZZ	I770528.D	04/07/25	15:16	06:43	(unrelated sample)
ZZZZZZ	I770529.D	04/07/25	15:33	07:00	(unrelated sample)
ZZZZZZ	I770530.D	04/07/25	15:50	07:17	(unrelated sample)
FC23653-3MS	I770531.D	04/07/25	16:07	07:34	Matrix Spike
FC23653-3MSD	I770532.D	04/07/25	16:24	07:51	Matrix Spike Duplicate
VI3525-ECC3517	I770533.D	04/07/25	16:40	08:07	Ending cal 5

Instrument Performance Check (BFB)

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-BFB
Lab File ID: I770534.D
Instrument ID: GCMSI
Injection Date: 04/08/25
Injection Time: 07:31

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	38219	100.0		Pass
96	5.0 - 9.0% of mass 95	2368	6.20		Pass
173	Less than 2.0% of mass 174	336	0.88	(1.16) [a]	Pass
174	50.0 - 200.0% of mass 95	28891	75.6		Pass
175	5.0 - 9.0% of mass 174	2192	5.74	(7.59) [a]	Pass
176	95.0 - 105.0% of mass 174	28219	73.8	(97.7) [a]	Pass
177	5.0 - 10.0% of mass 176	1812	4.74	(6.42) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3526-CC3517	I770535.D	04/08/25	07:56	00:25	Continuing cal 5
VI3526-BS	I770536.D	04/08/25	08:14	00:43	Blank Spike
VI3528-BS	I770536.D	04/08/25	08:14	00:43	Blank Spike
VI3528-MB	I770538.D	04/08/25	08:47	01:16	Method Blank
VI3526-MB	I770538.D	04/08/25	08:47	01:16	Method Blank
FC23706-8	I770540.D	04/08/25	09:30	01:59	789MW-222_0325
FC23706-1	I770541.D	04/08/25	09:47	02:16	789MW-135_0325
FC23706-2	I770542.D	04/08/25	10:04	02:33	789MW-46R_0325
FC23706-3	I770543.D	04/08/25	10:21	02:50	789MW-83_0325
FC23706-4	I770546.D	04/08/25	11:14	03:43	789MW-95_0325
FC23706-5	I770547.D	04/08/25	11:30	03:59	789MW-99_0325
FC23706-6	I770548.D	04/08/25	11:46	04:15	789MW-99_0325-A
FC23706-7	I770549.D	04/08/25	12:03	04:32	789MW-216_0325
FC23706-9	I770550.D	04/08/25	12:19	04:48	789MW-251_0325
FC23706-10	I770551.D	04/08/25	12:36	05:05	789SW-02_0325
FC23706-11	I770552.D	04/08/25	12:52	05:21	789SW-03_0325
ZZZZZZ	I770553A.D	04/08/25	13:08	05:37	(unrelated sample)
ZZZZZZ	I770553.D	04/08/25	13:08	05:37	(unrelated sample)
ZZZZZZ	I770554.D	04/08/25	13:24	05:53	(unrelated sample)
ZZZZZZ	I770554A.D	04/08/25	13:24	05:53	(unrelated sample)
FC23706-12	I770555.D	04/08/25	13:41	06:10	789SW-04_0325
FC23706-13	I770556.D	04/08/25	13:57	06:26	789-AB01_0325-D
ZZZZZZ	I770557.D	04/08/25	14:13	06:42	(unrelated sample)
ZZZZZZ	I770558.D	04/08/25	14:30	06:59	(unrelated sample)
ZZZZZZ	I770559.D	04/08/25	14:46	07:15	(unrelated sample)
ZZZZZZ	I770560.D	04/08/25	15:02	07:31	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	VI3526-BFB	**Injection Date:**	04/08/25
Lab File ID:	I770534.D	**Injection Time:**	07:31
Instrument ID:	GCMSI		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	I770561.D	04/08/25	15:18	07:47	(unrelated sample)
FC23706-8MS	I770562.D	04/08/25	15:35	08:04	Matrix Spike
FC23706-8MSD	I770563.D	04/08/25	15:51	08:20	Matrix Spike Duplicate
VI3526-ECC3517	I770564.D	04/08/25	16:07	08:36	Ending cal 5
VI3527-CC3517	I770566.D	04/08/25	16:39	09:08	Continuing cal 5
VI3527-MB	I770568.D	04/08/25	17:12	09:41	Method Blank
ZZZZZZ	I770569.D	04/08/25	17:28	09:57	(unrelated sample)
ZZZZZZ	I770570.D	04/08/25	17:44	10:13	(unrelated sample)
ZZZZZZ	I770571.D	04/08/25	18:00	10:29	(unrelated sample)
ZZZZZZ	I770572.D	04/08/25	18:17	10:46	(unrelated sample)

Internal Standard Area Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3525-CC3517	**Injection Date:**	04/07/25
Lab File ID:	I770506.D	**Injection Time:**	08:53
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	150876	3.61	106116	5.58	59813	7.33
Check Std [b]	151107	3.61	107331	5.58	58691	7.32
Upper Limit [c]	302214	3.78	214662	5.75	117382	7.49
Lower Limit [d]	75554	3.44	53666	5.41	29346	7.15

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VI3525-BS	154510	3.61	108434	5.58	58801	7.32
VI3525-MB [e]	149706	3.62	105085	5.58	54911	7.33
ZZZZZZ	147552	3.62	104377	5.58	54507	7.33
FC23653-3	148068	3.61	103960	5.58	53765	7.33
ZZZZZZ	148434	3.61	105100	5.58	53968	7.33
ZZZZZZ	144155	3.61	102277	5.58	53164	7.32
ZZZZZZ	148392	3.62	105859	5.58	54178	7.33
ZZZZZZ	145473	3.61	101888	5.58	53119	7.33
ZZZZZZ	146083	3.61	103878	5.58	52498	7.33
ZZZZZZ	148529	3.61	103859	5.58	52816	7.33
ZZZZZZ	147378	3.62	103907	5.58	53333	7.33
FC23706-14	145513	3.61	100919	5.58	51471	7.33
ZZZZZZ	147422	3.61	103869	5.58	54038	7.33
ZZZZZZ	147646	3.62	102149	5.58	51476	7.33
ZZZZZZ	144803	3.62	102530	5.58	52925	7.33
ZZZZZZ	145411	3.61	102829	5.58	51840	7.33
ZZZZZZ	147305	3.61	102569	5.58	52329	7.33
ZZZZZZ	148499	3.62	102305	5.58	52450	7.33
ZZZZZZ	149856	3.61	103908	5.58	52157	7.33
ZZZZZZ	148320	3.61	104836	5.58	53385	7.33
ZZZZZZ	149580	3.62	104218	5.58	53549	7.33
ZZZZZZ	149641	3.61	103873	5.58	52637	7.33
FC23653-3MS	150508	3.62	106701	5.58	56827	7.33
FC23653-3MSD	151802	3.61	107297	5.58	58027	7.33
VI3525-ECC3517	152390	3.62	109128	5.58	58902	7.33

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Initial Cal is: VI3517-ICC3517 I770359.D 03/30/25 13:31
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.

Internal Standard Area Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3525-CC3517	**Injection Date:**	04/07/25
Lab File ID:	I770506.D	**Injection Time:**	08:53
Instrument ID:	GCMSI	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Sample was treated with an anti-foaming agent.

Internal Standard Area Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3526-CC3517	**Injection Date:**	04/08/25
Lab File ID:	I770535.D	**Injection Time:**	07:56
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	150876	3.61	106116	5.58	59813	7.33
Check Std [b]	153274	3.61	108281	5.58	59160	7.32
Upper Limit [c]	306548	3.78	216562	5.75	118320	7.49
Lower Limit [d]	76637	3.44	54141	5.41	29580	7.15

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VI3528-BS [e]	155543	3.61	109337	5.58	58732	7.33
VI3526-BS	155543	3.61	109337	5.58	58732	7.33
VI3526-MB [f]	150737	3.61	106090	5.58	54506	7.33
VI3528-MB [f]	150737	3.61	106090	5.58	54506	7.33
FC23706-8	149503	3.61	104546	5.58	54191	7.32
FC23706-1	149290	3.61	104950	5.58	53837	7.33
FC23706-2	147436	3.61	104605	5.58	54682	7.33
FC23706-3	147503	3.61	104848	5.58	53854	7.33
FC23706-4	145411	3.61	102681	5.58	52679	7.33
FC23706-5	153286	3.62	107942	5.58	56439	7.33
FC23706-6	147271	3.62	103702	5.58	53413	7.33
FC23706-7	148141	3.62	104286	5.58	54604	7.33
FC23706-9	148893	3.61	106333	5.58	53914	7.33
FC23706-10	146471	3.61	103174	5.58	53801	7.33
FC23706-11	146348	3.62	105397	5.58	53704	7.33
ZZZZZZ	149421	3.62	105443	5.58	56945	7.33
ZZZZZZ	149421	3.62	105443	5.58	56945	7.33
ZZZZZZ	147746	3.61	103816	5.58	54454	7.33
ZZZZZZ	147746	3.61	103816	5.58	54454	7.33
FC23706-12	145365	3.61	103035	5.58	53000	7.33
FC23706-13	144271	3.62	102713	5.58	52783	7.33
ZZZZZZ	146159	3.61	104385	5.58	53577	7.33
ZZZZZZ	145696	3.61	102701	5.58	52737	7.33
ZZZZZZ	146213	3.62	103505	5.58	52837	7.33
ZZZZZZ	146954	3.61	103602	5.58	53413	7.33
ZZZZZZ	146690	3.61	105807	5.58	55992	7.33
FC23706-8MS	151582	3.62	107749	5.58	57673	7.33
FC23706-8MSD	156292	3.61	110449	5.58	59676	7.33
VI3526-ECC3517	152043	3.61	106927	5.58	58615	7.33

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

Internal Standard Area Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3526-CC3517	**Injection Date:**	04/08/25
Lab File ID:	I770535.D	**Injection Time:**	07:56
Instrument ID:	GCMSI	**Method:**	SW846 8260D

Lab	IS 1		IS 2		IS 3	
Sample ID	**AREA**	**RT**	**AREA**	**RT**	**AREA**	**RT**

(a) Initial Cal is: VI3517-ICC3517 I770359.D 03/30/25 13:31
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Insufficient sample for MS/MSD.
(f) Sample was treated with an anti-foaming agent.

Surrogate Recovery Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
FC23706-1	I770541.D	101	106	95	102
FC23706-2	I770542.D	103	107	94	101
FC23706-3	I770543.D	103	108	94	101
FC23706-4	I770546.D	103	106	93	101
FC23706-5	I770547.D	103	107	95	100
FC23706-6	I770548.D	102	107	94	103
FC23706-7	I770549.D	103	107	95	100
FC23706-8	I770540.D	101	105	94	102
FC23706-9	I770550.D	102	107	93	101
FC23706-10	I770551.D	103	107	93	100
FC23706-11	I770552.D	103	107	91	100
FC23706-12	I770555.D	103	108	94	99
FC23706-13	I770556.D	103	108	95	101
FC23706-14	I770520.D	102	104	95	102
FC23653-3MS	I770531.D	102	105	95	100
FC23653-3MSD	I770532.D	102	104	95	98
FC23706-8MS	I770562.D	102	105	94	99
FC23706-8MSD	I770563.D	102	105	95	98
VI3525-BS	I770507.D	101	103	97	101
VI3525-MB	I770509.D	101	107	94	105
VI3526-BS	I770536.D	101	104	96	99
VI3526-MB	I770538.D	103	108	95	107

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	83-118%
S2 = 1,2-Dichloroethane-D4	79-125%
S3 = Toluene-D8	85-112%
S4 = 4-Bromofluorobenzene	83-118%

Initial Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3517-ICC3517
Lab FileID: I770359.D

Response Factor Report VOA16-MSI

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Calibration Files
1 =I770354.D 2 =I770356.D 3 =I770357.D 4 =I770358.D
5 =I770359.D 6 =I770360.D 7 =I770361.D 8 =I770355.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	----------	----------	ISTD	----------	----------	----------	----------	----------		
2) Dichlorodifl	0.202	0.213	0.212	0.220	0.241	0.233	0.242	0.202	0.221	7.34
3) Chloromethan	0.252	0.292	0.286	0.283	0.295	0.299	0.306	0.289	0.288	5.68
4) 1,3-butadien	0.253	0.289	0.279	0.272	0.294	0.290	0.289	0.232	0.275	7.93
5) Vinyl Chlori	0.221	0.223	0.227	0.237	0.254	0.253	0.256	0.224	0.237	6.39
6) Bromomethane		0.122	0.116	0.106	0.112	0.118	0.121	0.118	0.116	4.70
7) Chloroethane		0.128	0.112	0.112	0.111	0.107	0.105	0.199	0.125	27.07
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9997										
Response Ratio = 0.00000 + 0.11433 *A + -0.00488 *A^2										
8) Trichloroflu	0.342	0.347	0.320	0.328	0.358	0.328	0.292	0.325	0.330	6.05
9) Ethyl Ether	0.243	0.301	0.268	0.256	0.274	0.277	0.284	0.252	0.269	6.96
10) Ethanol		0.014	0.013	0.011	0.011	0.010	0.009		0.011	17.16
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9995										
Response Ratio = 0.00000 + 0.01234 *A + -0.00009 *A^2										
11) 1,2-Dichloro	0.223	0.267	0.243	0.240	0.259	0.261	0.269	0.238	0.250	6.51
12) 1,1-Dichloro	0.397	0.468	0.415	0.400	0.430	0.433	0.448	0.392	0.423	6.33
13) Freon 113	0.158	0.211	0.192	0.189	0.210	0.204	0.212	0.166	0.193	10.87
14) Carbon Disul	0.649	0.677	0.602	0.596	0.640	0.634	0.647	0.613	0.632	4.33
15) Iodomethane		0.127	0.134	0.174	0.218	0.221	0.229		0.184	24.74
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9977										
Response Ratio = 0.00000 + 0.18755 *A + 0.02140 *A^2										
16) Acrolein		0.108	0.109	0.096	0.109	0.107	0.108	0.103	0.106	4.31
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9993										
Response Ratio = 0.00000 + 0.10316 *A + 0.00051 *A^2										
17) Allyl chlori	0.483	0.518	0.470	0.441	0.471	0.454	0.435	0.503	0.472	6.12
18) Methylene Ch		0.546	0.474	0.448	0.472	0.464	0.458		0.477	7.34
19) Acetone		0.250	0.229	0.218	0.217	0.200	0.185	0.238	0.220	10.03
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9999										
Response Ratio = 0.00000 + 0.23486 *A + -0.00496 *A^2										
20) Methyl aceta	0.584	0.618	0.553	0.530	0.547	0.645	0.542	0.564	0.573	7.02
21) trans-1,2-Di	0.360	0.433	0.378	0.377	0.400	0.405	0.412	0.364	0.391	6.48
22) Hexane	0.232	0.283	0.247	0.236	0.253	0.252	0.258	0.241	0.250	6.45
23) Methyl Tert	0.641	0.716	0.635	0.642	0.700	0.701	0.712	0.655	0.675	5.18
24) Acetonitrile		0.104	0.090	0.084	0.084	0.074	0.074	0.110	0.089	15.62
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9981										
Response Ratio = 0.00000 + 0.08596 *A + -0.00063 *A^2										
25) Tert Butyl A	0.175	0.161	0.132	0.130	0.134	0.126	0.115	0.138	0.139	14.14
26) Di-isopropyl	0.891	1.099	1.015	0.958	1.029	1.023	1.023	0.978	1.002	6.08
27) Chloroprene	1.178	1.308	1.250	1.112	1.148	1.161	1.139	1.096	1.174	6.08
28) 1,1-Dichloro	0.388	0.466	0.425	0.406	0.437	0.439	0.441	0.396	0.425	6.16

Initial Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY
Sample: VI3517-ICC3517
Lab FileID: I770359.D

29)	Acrylonitril	0.187	0.214	0.201	0.179	0.184	0.184	0.182	0.189	0.190	6.29
30)	ETBE	0.738	0.939	0.856	0.837	0.876	0.869	0.882	0.811	0.851	6.92
31)	Vinyl acetat	0.767	0.989	0.945	0.854	0.888	0.874	0.866	0.816	0.875	7.93
32)	cis-1,2-Dich	0.159	0.212	0.188	0.187	0.194	0.195	0.195	0.176	0.188	8.33
33)	2,2-Dichloro	0.310	0.339	0.309	0.287	0.315	0.314	0.320	0.315	0.314	4.50
34)	Bromochlorom	0.048	0.110	0.092	0.093	0.097	0.095	0.094	0.082	0.089	20.36
	---- Linear regr., Force(0,0) ---- Coefficient = 0.9997										
	Response Ratio = 0.00000 + 0.09447 *A										
35)	Cyclohexane	0.357	0.491	0.425	0.423	0.459	0.458	0.466	0.395	0.434	9.99
36)	Chloroform	0.387	0.419	0.376	0.364	0.382	0.374	0.378	0.360	0.380	4.74
37)	Ethyl acetat	0.626	0.707	0.672	0.599	0.620	0.614	0.610	0.617	0.633	5.83
38)	Tetrahydrofu		0.306	0.249	0.256	0.248	0.238	0.228	0.263	0.256	9.88
39)	Dibromofluor	0.293	0.298	0.299	0.303	0.303	0.308	0.306	0.299	0.301	1.66
40)	Carbon Tetra	0.251	0.342	0.300	0.289	0.313	0.304	0.315	0.276	0.299	9.17
41)	1,1,1-Trichl	0.265	0.344	0.318	0.310	0.339	0.327	0.338	0.318	0.320	7.87
42)	2-Butanone	0.395	0.434	0.388	0.366	0.370	0.356	0.355	0.373	0.380	6.88
43)	1,1-Dichloro	0.189	0.265	0.231	0.226	0.242	0.238	0.248	0.212	0.231	9.97
44)	tert-Butyl f	0.244	0.291	0.283	0.270	0.281	0.294	0.294	0.251	0.276	7.05
45)	Propionitril	0.098	0.116	0.107	0.097	0.096	0.095	0.096	0.097	0.100	7.43
46)	Methacryloni	0.310	0.333	0.335	0.304	0.308	0.305	0.303	0.293	0.311	4.76
47)	Benzene	0.689	0.808	0.730	0.689	0.726	0.715	0.723	0.718	0.725	5.12
48)	TAME	0.502	0.649	0.600	0.548	0.587	0.577	0.582	0.504	0.569	8.65
49)	1,2-Dichloro	0.419	0.420	0.420	0.424	0.422	0.427	0.393	0.422	0.418	2.48
50)	1,2-Dichloro	0.360	0.411	0.374	0.363	0.378	0.377	0.370	0.355	0.373	4.64
51)	Isobutyl Alc	0.014	0.014	0.012	0.011	0.012	0.013	0.013	0.012	0.013	7.80
52)	Tert Amyl Al	0.115	0.131	0.104	0.097	0.098	0.095	0.104	0.099	0.105	11.47
53)	Trichloroeth	0.189	0.237	0.202	0.192	0.199	0.200	0.202	0.204	0.203	7.19
54)	Methylcycloh	0.210	0.282	0.245	0.247	0.274	0.268	0.277	0.227	0.254	10.22
55)	Dibromometha	0.133	0.169	0.141	0.140	0.147	0.146	0.145	0.139	0.145	7.32
56)	1,2-Dichloro	0.208	0.256	0.223	0.215	0.229	0.228	0.231	0.225	0.227	6.22
57)	Bromodichlor	0.251	0.330	0.288	0.275	0.293	0.292	0.293	0.284	0.288	7.61
58)	Methyl metha		0.351	0.346	0.331	0.354	0.348	0.354		0.347	2.43
59)	1,4-Dioxane		0.006	0.005	0.005	0.005	0.005	0.005		0.005	6.09
60)	2-Chloroethy	0.156	0.203	0.202	0.194	0.202	0.206	0.209	0.162	0.192	10.80
61)	cis-1,3-Dich	0.301	0.339	0.322	0.310	0.326	0.326	0.333	0.288	0.318	5.35
62)	I Chlorobenzene-d5	----------	ISTD	----------							
63)	Toluene-d8	1.417	1.388	1.398	1.391	1.428	1.445	1.438	1.395	1.412	1.58
64)	Toluene	0.963	1.178	1.047	1.020	1.061	1.064	1.067	1.042	1.055	5.69
65)	2-Nitropropa	0.238	0.248	0.218	0.209	0.222	0.220	0.218	0.203	0.222	6.51
66)	4-Methyl-2-p	0.821	0.904	0.837	0.781	0.808	0.796	0.773	0.771	0.811	5.43
67)	trans-1,3-Di	0.418	0.520	0.456	0.443	0.466	0.469	0.461	0.405	0.455	7.71
68)	Tetrachloroe	0.191	0.306	0.268	0.263	0.274	0.274	0.271	0.259	0.263	12.25
69)	Ethyl methac		0.367	0.377	0.349	0.371	0.380	0.382		0.371	3.26
70)	1,1,2-Trichl	0.216	0.264	0.231	0.207	0.222	0.214	0.213	0.200	0.221	8.91
71)	Dibromochlor	0.301	0.361	0.311	0.301	0.322	0.327	0.319	0.313	0.319	6.02
72)	1,3-Dichloro	0.458	0.508	0.444	0.409	0.440	0.446	0.436	0.415	0.445	6.80
73)	1,2-Dibromoe	0.281	0.349	0.308	0.276	0.300	0.304	0.297	0.273	0.298	8.13
74)	3,3-Dimethyl	0.136	0.168	0.163	0.153	0.156	0.163	0.167	0.130	0.155	9.30
75)	2-hexanone	0.924	1.059	0.992	0.905	0.921	0.928	0.920	0.882	0.941	6.03
76)	1-Chlorohexa	0.381	0.395	0.338	0.303	0.343	0.343	0.347	0.367	0.352	8.07
77)	Ethylbenzene	1.132	1.291	1.177	1.125	1.184	1.184	1.194	1.167	1.182	4.28
78)	Chlorobenzen	0.719	0.800	0.692	0.653	0.696	0.687	0.678	0.654	0.697	6.69
79)	1,1,1,2-Tetr	0.302	0.325	0.276	0.261	0.274	0.278	0.271	0.265	0.282	7.61
80)	m,p-Xylene	0.854	1.007	0.897	0.880	0.946	0.952	0.945	0.865	0.918	5.72
81)	o-Xylene	0.806	0.929	0.853	0.840	0.918	0.941	0.934	0.833	0.882	6.13
82)	Styrene	0.594	0.708	0.659	0.636	0.688	0.700	0.732	0.572	0.661	8.55
83)	Bromoform	0.214	0.276	0.230	0.223	0.244	0.243	0.244	0.232	0.238	7.80
84)	Isopropylben	0.893	1.120	1.006	0.998	1.109	1.114	1.099	0.963	1.038	8.20

Initial Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3517-ICC3517
Lab FileID: I770359.D

85)	I 1,4-Dichlorobenzene-d	----------	----------	----------	----------	ISTD	----------	----------	----------	----------	
86)	4-Bromofluor	0.747	0.747	0.752	0.738	0.740	0.727	0.739	0.740	0.741	1.01
87)	cis-1,4-Dich		0.490	0.457	0.418	0.429	0.439	0.436		0.445	5.80
88)	n-Propylbenz	2.228	2.625	2.306	2.223	2.333	2.289	2.310	2.264	2.322	5.53
89)	Bromobenzene	0.586	0.593	0.515	0.504	0.522	0.511	0.514	0.558	0.538	6.68
90)	1,1,2,2-Tetr	0.866	0.935	0.799	0.717	0.765	0.730	0.726	0.847	0.798	9.86
91)	1,3,5-Trimet	1.388	1.700	1.575	1.543	1.661	1.645	1.640	1.430	1.573	7.17
92)	2-Chlorotolu	1.365	1.438	1.281	1.243	1.309	1.254	1.281	1.207	1.297	5.70
93)	trans-1,4-Di	0.379	0.460	0.491	0.363	0.430	0.358	0.354	0.409	0.406	12.65
94)	1,2,3-Trichl	0.245	0.321	0.261	0.245	0.256	0.256	0.255	0.240	0.260	9.90
95)	Cyclohexanon		0.097	0.090	0.082	0.083	0.079	0.083		0.086	7.88
96)	4-Chlorotolu	1.376	1.698	1.471	1.417	1.475	1.458	1.463	1.446	1.476	6.49
97)	tert-Butylbe	0.754	0.992	0.881	0.869	0.924	0.923	0.942	0.833	0.890	8.22
98)	1,2,4-Trimet	1.386	1.748	1.578	1.626	1.711	1.692	1.710	1.502	1.619	7.69
99)	Pentachloroe		0.324	0.317	0.310	0.310	0.309	0.310	0.268	0.307	5.81
100)	sec-Butylben	1.591	1.988	1.801	1.755	1.890	1.844	1.861	1.637	1.796	7.34
101)	4-Isopropylt	1.255	1.598	1.464	1.496	1.611	1.578	1.605	1.350	1.495	8.85
102)	1,3-Dichloro	0.882	1.135	0.959	0.914	0.970	0.941	0.942	0.984	0.966	7.82
103)	1,2,3-Trimet	1.492	1.810	1.623	1.577	1.669	1.644	1.670	1.510	1.625	6.23
104)	1,4-Dichloro	1.052	1.170	1.013	0.962	0.990	0.979	0.970	1.065	1.025	6.78
105)	n-Butylbenze	0.738	0.881	0.820	0.819	0.882	0.856	0.867	0.787	0.831	6.08
106)	Benzyl Chlor		0.324	0.294	0.287	0.305	0.303	0.306	0.256	0.297	7.16
107)	1,2-Dichloro	0.864	1.085	0.910	0.877	0.929	0.905	0.911	0.888	0.921	7.55
108)	1,2-Dibromo-		0.294	0.241	0.240	0.253	0.249	0.267		0.257	7.92
109)	Hexachlorobu		0.228	0.203	0.204	0.207	0.201	0.200	0.202	0.206	4.72
110)	1,2,4-Trichl	0.485	0.550	0.476	0.481	0.518	0.524	0.534	0.480	0.506	5.72
111)	Naphthalene	1.718	2.002	1.686	1.804	1.956	2.001	2.056	1.541	1.846	10.06
112)	1,2,3-Trichl	0.389	0.534	0.468	0.456	0.491	0.502	0.497	0.414	0.469	10.24

(#) = Out of Range ### Number of calibration levels exceeded format ###

VI3517_03302025.M Mon Mar 31 06:13:24 2025

Initial Calibration Verification

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3517-ICV3517
Lab FileID: I770363.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\03-30-25\I770363.D Vial: 11
Acq On : 30 Mar 2025 2:36 pm Operator: jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	103	0.00	3.62
2	Dichlorodifluoromethane	0.221	0.243	-10.0	104	0.00	1.09
3	Chloromethane	0.288	0.322	-11.8	113	0.00	1.21
4	1,3-butadiene	0.275	0.266	3.3	93	0.00	1.27
5	Vinyl Chloride	0.237	0.270	-13.9	110	0.00	1.26
6	Bromomethane	0.116	0.128	-10.3	118	0.00	1.45
		Amount	Calc.	%Drift			
7	Chloroethane	40.000	41.573	-3.9	106	0.00	1.52
		AvgRF	CCRF	%Dev			
8	Trichlorofluoromethane	0.330	0.325	1.5	94	0.00	1.60
9	Ethyl Ether	0.269	0.263	2.2	99	0.00	1.79
		Amount	Calc.	%Drift			
10	Ethanol	800.000	799.411	0.1	102	0.00	1.88
		AvgRF	CCRF	%Dev			
11	1,2-Dichlorotrifluoroetha	0.250	0.245	2.0	98	0.00	1.89
12	1,1-Dichloroethene	0.423	0.397	6.1	95	0.00	1.89
13	Freon 113	0.193	0.203	-5.2	100	0.00	1.92
14	Carbon Disulfide	0.632	0.608	3.8	98	0.00	1.92
		Amount	Calc.	%Drift			
15	Iodomethane	40.000	41.200	-3.0	100	0.00	1.98
16	Acrolein	200.000	153.155	23.4#	76	0.00	2.08
		AvgRF	CCRF	%Dev			
17	Allyl chloride	0.472	0.438	7.2	96	0.00	2.16
18	Methylene Chloride	0.477	0.479	-0.4	105	0.00	2.21
		Amount	Calc.	%Drift			
19	Acetone	200.000	220.559	-10.3	112	0.00	2.24
		AvgRF	CCRF	%Dev			
20	Methyl acetate	0.573	0.564	1.6	106	0.00	2.30
21	trans-1,2-Dichloroethene	0.391	0.391	0.0	101	0.00	2.30
22	Hexane	0.250	0.242	3.2	99	0.00	2.34
23	Methyl Tert Butyl Ether	0.675	0.681	-0.9	100	0.00	2.36
		Amount	Calc.	%Drift			
24	Acetonitrile	400.000	439.337	-9.8	108	0.00	2.49

Initial Calibration Verification

Job Number: FC23706
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Sample: VI3517-ICV3517
Lab FileID: I770363.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.139	0.132	5.0	101	0.00	2.41
26		Di-isopropyl ether	1.002	0.988	1.4	99	0.00	2.56
27		Chloroprene	1.174	1.196	-1.9	107	0.00	2.66
28		1,1-Dichloroethane	0.425	0.427	-0.5	101	0.00	2.63
29		Acrylonitrile	0.190	0.192	-1.1	107	0.00	2.66
30		ETBE	0.851	0.853	-0.2	100	0.00	2.76
31		Vinyl acetate	0.875	0.861	1.6	100	0.00	2.76
32		cis-1,2-Dichloroethene	0.188	0.193	-2.7	102	0.00	2.92
33		2,2-Dichloropropane	0.314	0.320	-1.9	105	0.00	2.98
			Amount	Calc.	%Drift			
34		Bromochloromethane	40.000	39.029	2.4	98	0.00	3.03
			AvgRF	CCRF	%Dev			
35		Cyclohexane	0.434	0.443	-2.1	100	0.00	3.03
36		Chloroform	0.380	0.373	1.8	101	0.00	3.06
37		Ethyl acetate	0.633	0.613	3.2	102	0.00	3.13
38		Tetrahydrofuran	0.256	0.231	9.8	96	0.00	3.16
39	S	Dibromofluoromethane	0.301	0.305	-1.3	104	0.00	3.16
40		Carbon Tetrachloride	0.299	0.305	-2.0	101	0.00	3.15
41		1,1,1-Trichloroethane	0.320	0.321	-0.3	98	0.00	3.18
42		2-Butanone	0.380	0.356	6.3	99	0.00	3.23
43		1,1-Dichloropropene	0.231	0.256	-10.8	109	0.00	3.25
44		tert-Butyl formate	0.276	0.323	-17.0	119	0.00	3.31
45		Propionitrile	0.100	0.102	-2.0	110	0.00	3.40
46		Methacrylonitrile	0.311	0.316	-1.6	106	0.00	3.41
47		Benzene	0.725	0.694	4.3	99	0.00	3.39
48		TAME	0.569	0.552	3.0	97	0.00	3.45
49	S	1,2-Dichloroethane-d4	0.418	0.426	-1.9	104	0.00	3.46
50		1,2-Dichloroethane	0.373	0.373	0.0	102	0.00	3.50
51		Isobutyl Alcohol	0.013	0.011	15.4	96	0.00	3.45
52		Tert Amyl Alcohol	0.105	0.103	1.9	108	0.00	3.55
53		Trichloroethene	0.203	0.200	1.5	104	0.00	3.71
54		Methylcyclohexane	0.254	0.263	-3.5	99	0.00	3.72
55		Dibromomethane	0.145	0.147	-1.4	103	0.00	3.96
56		1,2-Dichloropropane	0.227	0.229	-0.9	103	0.00	4.02
57		Bromodichloromethane	0.288	0.281	2.4	99	0.00	4.05
58		Methyl methacrylate	0.347	0.349	-0.6	102	0.00	4.14
59		1,4-Dioxane	0.005	0.005	0.0	100	0.00	4.18
60		2-Chloroethyl vinyl ether	0.192	0.206	-7.3	105	0.00	4.39
61		cis-1,3-Dichloropropene	0.318	0.314	1.3	99	0.00	4.44
62	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00	5.58
63	S	Toluene-d8	1.412	1.450	-2.7	104	0.00	4.56
64		Toluene	1.055	1.044	1.0	100	0.00	4.59
65		2-Nitropropane	0.222	0.236	-6.3	108	0.00	4.73
66		4-Methyl-2-pentanone	0.811	0.835	-3.0	105	0.00	4.82
67		trans-1,3-Dichloropropene	0.455	0.447	1.8	98	0.00	4.85
68		Tetrachloroethene	0.263	0.279	-6.1	104	0.00	4.84
69		Ethyl methacrylate	0.371	0.404	-8.9	111	0.00	4.95
70		1,1,2-Trichloroethane	0.221	0.226	-2.3	104	0.00	4.95
71		Dibromochloromethane	0.319	0.324	-1.6	103	0.00	5.08
72		1,3-Dichloropropane	0.445	0.441	0.9	102	0.00	5.14
73		1,2-Dibromoethane	0.298	0.298	0.0	102	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.155	0.167	-7.7	109	0.00	5.36
75		2-hexanone	0.941	0.980	-4.1	109	0.00	5.38
76		1-Chlorohexane	0.352	0.341	3.1	101	0.00	5.58
77		Ethylbenzene	1.182	1.156	2.2	100	0.00	5.61

Initial Calibration Verification

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3517-ICV3517
Lab FileID: I770363.D

78		Chlorobenzene	0.697	0.689	1.1	101	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.282	0.274	2.8	102	0.00	5.64
80		m,p-Xylene	0.918	0.925	-0.8	100	0.00	5.72
81		o-Xylene	0.882	0.903	-2.4	100	0.00	6.03
82		Styrene	0.661	0.671	-1.5	100	0.00	6.06
83		Bromoform	0.238	0.232	2.5	97	0.00	6.08
84		Isopropylbenzene	1.038	1.104	-6.4	102	0.00	6.26
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00	7.33
86	S	4-Bromofluorobenzene	0.741	0.746	-0.7	103	0.00	6.47
87		cis-1,4-Dichloro-2-butene	0.445	0.445	0.0	106	0.00	6.51
88		n-Propylbenzene	2.322	2.336	-0.6	103	0.00	6.57
89		Bromobenzene	0.538	0.521	3.2	102	0.00	6.54
90		1,1,2,2-Tetrachloroethane	0.798	0.716	10.3	96	0.00	6.62
91		1,3,5-Trimethylbenzene	1.573	1.636	-4.0	101	0.00	6.72
92		2-Chlorotoluene	1.297	1.290	0.5	101	0.00	6.69
93		trans-1,4-Dichloro-2-Bute	0.406	0.396	2.5	94	0.00	6.75
94		1,2,3-Trichloropropane	0.260	0.254	2.3	102	0.00	6.72
95		Cyclohexanone	0.086	0.160	-86.0#	198	0.00	6.75
96		4-Chlorotoluene	1.476	1.493	-1.2	104	0.00	6.81
97		tert-Butylbenzene	0.890	0.946	-6.3	105	0.00	6.97
98		1,2,4-Trimethylbenzene	1.619	1.671	-3.2	100	0.00	7.02
99		Pentachloroethane	0.307	0.316	-2.9	105	0.00	6.98
100		sec-Butylbenzene	1.796	1.793	0.2	97	0.00	7.11
101		4-Isopropyltoluene	1.495	1.512	-1.1	96	0.00	7.22
102		1,3-Dichlorobenzene	0.966	0.957	0.9	101	0.00	7.26
103		1,2,3-Trimethylbenzene	1.625	1.684	-3.6	103	0.00	7.36
104		1,4-Dichlorobenzene	1.025	0.994	3.0	103	0.00	7.34
105		n-Butylbenzene	0.831	0.906	-9.0	105	0.00	7.54
106		Benzyl Chloride	0.297	0.307	-3.4	103	0.00	7.53
107		1,2-Dichlorobenzene	0.921	0.921	0.0	101	0.00	7.65
108		1,2-Dibromo-3-Chloropropa	0.257	0.242	5.8	98	0.00	8.22
109		Hexachlorobutadiene	0.206	0.205	0.5	101	0.00	8.68
110		1,2,4-Trichlorobenzene	0.506	0.517	-2.2	102	0.00	8.69
111		Naphthalene	1.846	1.966	-6.5	103	0.00	8.90
112		1,2,3-Trichlorobenzene	0.469	0.494	-5.3	103	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

I770359.D VI3517_03302025.M Mon Mar 31 06:14:02 2025

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-CC3517
Lab FileID: I770506.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\04-07-25\I770506.D Vial: 2
Acq On : 7 Apr 2025 8:53 am Operator: jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	100	0.00	3.61
2	Dichlorodifluoromethane	0.221	0.258	-16.7	107	0.00	1.08
3	Chloromethane	0.288	0.342	-18.8	116	0.00	1.21
4	1,3-butadiene	0.275	0.282	-2.5	96	0.00	1.27
5	Vinyl Chloride	0.237	0.284	-19.8	112	0.00	1.25
6	Bromomethane	0.116	0.119	-2.6	106	0.00	1.45
	----------	Amount	Calc.	%Drift	----------		
7	Chloroethane	40.000	47.951	-19.9	118	0.00	1.52
	----------	AvgRF	CCRF	%Dev	----------		
8	Trichlorofluoromethane	0.330	0.377	-14.2	106	0.00	1.60
9	Ethyl Ether	0.269	0.268	0.4	98	0.00	1.78
	----------	Amount	Calc.	%Drift	----------		
10	Ethanol	800.000	1022.656	-27.8#	122	0.02	1.91
	----------	AvgRF	CCRF	%Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.250	0.251	-0.4	97	0.00	1.89
12	1,1-Dichloroethene	0.423	0.427	-0.9	99	0.00	1.89
13	Freon 113	0.193	0.196	-1.6	94	0.00	1.91
14	Carbon Disulfide	0.632	0.635	-0.5	99	0.00	1.91
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	42.287	-5.7	100	0.00	1.97
16	Acrolein	200.000	202.399	-1.2	98	0.00	2.08
	----------	AvgRF	CCRF	%Dev	----------		
17	Allyl chloride	0.472	0.479	-1.5	102	0.00	2.15
18	Methylene Chloride	0.477	0.466	2.3	99	0.00	2.20
	----------	Amount	Calc.	%Drift	----------		
19	Acetone	200.000	199.422	0.3	99	0.00	2.24
	----------	AvgRF	CCRF	%Dev	----------		
20	Methyl acetate	0.573	0.552	3.7	101	0.00	2.30
21	trans-1,2-Dichloroethene	0.391	0.392	-0.3	98	0.00	2.30
22	Hexane	0.250	0.237	5.2	94	0.00	2.34
23	Methyl Tert Butyl Ether	0.675	0.684	-1.3	98	0.00	2.36
	----------	Amount	Calc.	%Drift	----------		
24	Acetonitrile	400.000	479.156	-19.8	114	0.00	2.49

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-CC3517
Lab FileID: I770506.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.139	0.149	-7.2	112	0.00	2.41
26		Di-isopropyl ether	1.002	1.159	-15.7	113	0.00	2.56
27		Chloroprene	1.174	1.248	-6.3	109	0.00	2.66
28		1,1-Dichloroethane	0.425	0.474	-11.5	109	0.00	2.63
29		Acrylonitrile	0.190	0.195	-2.6	106	0.00	2.66
30		ETBE	0.851	0.872	-2.5	100	0.00	2.75
31		Vinyl acetate	0.875	0.880	-0.6	99	0.00	2.75
32		cis-1,2-Dichloroethene	0.188	0.190	-1.1	98	0.00	2.91
33		2,2-Dichloropropane	0.314	0.320	-1.9	102	0.00	2.97
			Amount	Calc.	%Drift			
34		Bromochloromethane	40.000	40.213	-0.5	98	0.00	3.02
			AvgRF	CCRF	%Dev			
35		Cyclohexane	0.434	0.434	0.0	95	0.00	3.03
36		Chloroform	0.380	0.375	1.3	98	0.00	3.06
37		Ethyl acetate	0.633	0.628	0.8	101	0.00	3.12
38		Tetrahydrofuran	0.256	0.248	3.1	100	0.00	3.15
39	S	Dibromofluoromethane	0.301	0.309	-2.7	102	0.00	3.16
40		Carbon Tetrachloride	0.299	0.316	-5.7	101	0.00	3.14
41		1,1,1-Trichloroethane	0.320	0.334	-4.4	99	0.00	3.18
42		2-Butanone	0.380	0.378	0.5	102	0.00	3.23
43		1,1-Dichloropropene	0.231	0.236	-2.2	97	0.00	3.24
44		tert-Butyl formate	0.276	0.305	-10.5	109	0.00	3.30
45		Propionitrile	0.100	0.105	-5.0	109	0.00	3.39
46		Methacrylonitrile	0.311	0.314	-1.0	102	0.00	3.41
47		Benzene	0.725	0.699	3.6	96	0.00	3.38
48		TAME	0.569	0.571	-0.4	97	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.418	0.443	-6.0	105	0.00	3.45
50		1,2-Dichloroethane	0.373	0.375	-0.5	99	0.00	3.50
51		Isobutyl Alcohol	0.013	0.012	7.7	102	0.00	3.44
52		Tert Amyl Alcohol	0.105	0.110	-4.8	112	0.00	3.55
53		Trichloroethene	0.203	0.201	1.0	101	0.00	3.71
54		Methylcyclohexane	0.254	0.249	2.0	91	0.00	3.71
55		Dibromomethane	0.145	0.144	0.7	98	0.00	3.95
56		1,2-Dichloropropane	0.227	0.225	0.9	98	0.00	4.02
57		Bromodichloromethane	0.288	0.290	-0.7	99	0.00	4.05
58		Methyl methacrylate	0.347	0.343	1.2	97	0.00	4.14
59		1,4-Dioxane	0.005	0.006	-20.0	112	0.00	4.18
60		2-Chloroethyl vinyl ether	0.192	0.201	-4.7	100	0.00	4.39
61		cis-1,3-Dichloropropene	0.318	0.326	-2.5	100	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00	5.58
63	S	Toluene-d8	1.412	1.354	4.1	96	0.00	4.55
64		Toluene	1.055	1.036	1.8	99	0.00	4.58
65		2-Nitropropane	0.222	0.230	-3.6	105	0.00	4.73
66		4-Methyl-2-pentanone	0.811	0.817	-0.7	102	0.00	4.82
67		trans-1,3-Dichloropropene	0.455	0.459	-0.9	100	0.00	4.84
68		Tetrachloroethene	0.263	0.272	-3.4	100	0.00	4.84
69		Ethyl methacrylate	0.371	0.362	2.4	99	0.00	4.95
70		1,1,2-Trichloroethane	0.221	0.213	3.6	97	0.00	4.95
71		Dibromochloromethane	0.319	0.325	-1.9	102	0.00	5.07
72		1,3-Dichloropropane	0.445	0.427	4.0	98	0.00	5.13
73		1,2-Dibromoethane	0.298	0.288	3.4	97	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.155	0.170	-9.7	110	0.00	5.36
75		2-hexanone	0.941	0.969	-3.0	106	0.00	5.38
76		1-Chlorohexane	0.352	0.353	-0.3	104	0.00	5.58
77		Ethylbenzene	1.182	1.193	-0.9	102	0.00	5.61

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-CC3517
Lab FileID: I770506.D

78		Chlorobenzene	0.697	0.684	1.9	99	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.282	0.275	2.5	102	0.00	5.64
80		m,p-Xylene	0.918	0.926	-0.9	99	0.00	5.72
81		o-Xylene	0.882	0.906	-2.7	100	0.00	6.02
82		Styrene	0.661	0.678	-2.6	100	0.00	6.06
83		Bromoform	0.238	0.239	-0.4	99	0.00	6.08
84		Isopropylbenzene	1.038	1.085	-4.5	99	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	7.32
86	S	4-Bromofluorobenzene	0.741	0.743	-0.3	99	0.00	6.47
87		cis-1,4-Dichloro-2-butene	0.445	0.456	-2.5	104	0.00	6.51
88		n-Propylbenzene	2.322	2.372	-2.2	100	0.00	6.56
89		Bromobenzene	0.538	0.530	1.5	100	0.00	6.54
90		1,1,2,2-Tetrachloroethane	0.798	0.739	7.4	95	0.00	6.61
91		1,3,5-Trimethylbenzene	1.573	1.702	-8.2	101	0.00	6.72
92		2-Chlorotoluene	1.297	1.309	-0.9	98	0.00	6.68
93		trans-1,4-Dichloro-2-Bute	0.406	0.391	3.7	89	0.00	6.75
94		1,2,3-Trichloropropane	0.260	0.260	0.0	100	0.00	6.72
95		Cyclohexanone	0.086	0.096	-11.6	114	0.00	6.75
96		4-Chlorotoluene	1.476	1.495	-1.3	99	0.00	6.81
97		tert-Butylbenzene	0.890	0.945	-6.2	100	0.00	6.96
98		1,2,4-Trimethylbenzene	1.619	1.753	-8.3	100	0.00	7.02
99		Pentachloroethane	0.307	0.327	-6.5	103	0.00	6.98
100		sec-Butylbenzene	1.796	1.903	-6.0	99	0.00	7.11
101		4-Isopropyltoluene	1.495	1.614	-8.0	98	0.00	7.22
102		1,3-Dichlorobenzene	0.966	0.970	-0.4	98	0.00	7.26
103		1,2,3-Trimethylbenzene	1.625	1.695	-4.3	100	0.00	7.36
104		1,4-Dichlorobenzene	1.025	1.011	1.4	100	0.00	7.33
105		n-Butylbenzene	0.831	0.889	-7.0	99	0.00	7.54
106		Benzyl Chloride	0.297	0.309	-4.0	99	0.00	7.52
107		1,2-Dichlorobenzene	0.921	0.926	-0.5	98	0.00	7.65
108		1,2-Dibromo-3-Chloropropa	0.257	0.269	-4.7	104	0.00	8.22
109		Hexachlorobutadiene	0.206	0.217	-5.3	103	0.00	8.67
110		1,2,4-Trichlorobenzene	0.506	0.522	-3.2	99	0.00	8.69
111		Naphthalene	1.846	1.971	-6.8	99	0.00	8.90
112		1,2,3-Trichlorobenzene	0.469	0.504	-7.5	101	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I770359.D VI3517_03302025.M Mon Apr 07 09:44:51 2025

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-ECC3517
Lab FileID: I770533.D

Evaluate Continuing Calibration Report

Data File : R:\GBS Manila Data V...3525\VI3525\I770533.d Vial: 28
Acq On : 7 Apr 2025 4:40 pm Operator: jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : R:\GBS Manila Da...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	101	0.00	3.62
2	Dichlorodifluoromethane	0.221	0.245	-10.9	103	0.00	1.09
3	Chloromethane	0.288	0.321	-11.5	110	0.00	1.21
4	1,3-butadiene	0.275	0.291	-5.8	100	0.00	1.27
5	Vinyl Chloride	0.237	0.266	-12.2	106	0.00	1.26
6	Bromomethane	0.116	0.100	13.8	90	0.00	1.45
	----------	True	Calc.	% Drift	----------		
7	Chloroethane	40.000	43.447	-8.6	108	0.00	1.52
	----------	AvgRF	CCRF	% Dev	----------		
8	Trichlorofluoromethane	0.330	0.352	-6.7	99	0.00	1.60
9	Ethyl Ether	0.269	0.255	5.2	94	0.00	1.79
	----------	True	Calc.	% Drift	----------		
10	Ethanol	800.000	858.420	-7.3	106	0.00	1.89
	----------	AvgRF	CCRF	% Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.250	0.235	6.0	92	0.00	1.89
12	1,1-Dichloroethene	0.423	0.403	4.7	95	0.00	1.89
13	Freon 113	0.193	0.179	7.3	86	0.00	1.92
14	Carbon Disulfide	0.632	0.569	10.0	90	0.00	1.91
	----------	True	Calc.	% Drift	----------		
15	Iodomethane	40.000	33.421	16.4	78	0.00	1.98
16	Acrolein	200.000	181.872	9.1	89	0.00	2.08
	----------	AvgRF	CCRF	% Dev	----------		
17	Allyl chloride	0.472	0.446	5.5	96	0.00	2.16
18	Methylene Chloride	0.477	0.439	8.0	94	0.00	2.21
	----------	True	Calc.	% Drift	----------		
19	Acetone	200.000	197.632	1.2	99	0.00	2.24
	----------	AvgRF	CCRF	% Dev	----------		
20	Methyl acetate	0.573	0.658	-14.8	121	0.00	2.30
21	trans-1,2-Dichloroethene	0.391	0.367	6.1	93	0.00	2.30
22	Hexane	0.250	0.217	13.2	87	0.00	2.34
23	Methyl Tert Butyl Ether	0.675	0.646	4.3	93	0.00	2.36
	----------	True	Calc.	% Drift	----------		
24	Acetonitrile	400.000	339.767	15.1	83	0.00	2.49

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-ECC3517
Lab FileID: I770533.D

			AvgRF	CCRF	% Dev			
25		Tert Butyl Alcohol	0.139	0.141	-1.4	107	0.00	2.42
26		Di-isopropyl ether	1.002	0.939	6.3	92	0.00	2.56
27		Chloroprene	1.174	1.193	-1.6	105	0.00	2.66
28		1,1-Dichloroethane	0.425	0.413	2.8	95	0.00	2.63
29		Acrylonitrile	0.190	0.191	-0.5	105	0.00	2.66
30		ETBE	0.851	0.830	2.5	96	0.00	2.76
31		Vinyl acetate	0.875	0.809	7.5	92	0.00	2.76
32		cis-1,2-Dichloroethene	0.188	0.182	3.2	95	0.00	2.92
33		2,2-Dichloropropane	0.314	0.271	13.7	87	0.00	2.98
			True	Calc.	% Drift			
34		Bromochloromethane	40.000	38.381	4.0	95	0.00	3.03
			AvgRF	CCRF	% Dev			
35		Cyclohexane	0.434	0.411	5.3	90	0.00	3.03
36		Chloroform	0.380	0.354	6.8	94	0.00	3.06
37		Ethyl acetate	0.633	0.616	2.7	100	0.00	3.13
38		Tetrahydrofuran	0.256	0.250	2.3	102	0.00	3.16
39	S	Dibromofluoromethane	0.301	0.307	-2.0	102	0.00	3.16
40		Carbon Tetrachloride	0.299	0.295	1.3	95	0.00	3.14
41		1,1,1-Trichloroethane	0.320	0.308	3.8	92	0.00	3.18
42		2-Butanone	0.380	0.372	2.1	101	0.00	3.23
43		1,1-Dichloropropene	0.231	0.222	3.9	92	0.00	3.25
44		tert-Butyl formate	0.276	0.284	-2.9	102	0.00	3.31
45		Propionitrile	0.100	0.105	-5.0	110	0.00	3.40
46		Methacrylonitrile	0.311	0.310	0.3	102	0.00	3.41
47		Benzene	0.725	0.666	8.1	93	0.00	3.39
48		TAME	0.569	0.545	4.2	94	0.00	3.45
49	S	1,2-Dichloroethane-d4	0.418	0.444	-6.2	106	0.00	3.46
50		1,2-Dichloroethane	0.373	0.363	2.7	97	0.00	3.50
51		Isobutyl Alcohol	0.013	0.012	7.7	96	0.00	3.44
52		Tert Amyl Alcohol	0.105	0.109	-3.8	112	0.00	3.55
53		Trichloroethene	0.203	0.187	7.9	95	0.00	3.71
54		Methylcyclohexane	0.254	0.233	8.3	86	0.00	3.72
55		Dibromomethane	0.145	0.139	4.1	95	0.00	3.96
56		1,2-Dichloropropane	0.227	0.214	5.7	94	0.00	4.02
57		Bromodichloromethane	0.288	0.273	5.2	94	0.00	4.05
58		Methyl methacrylate	0.347	0.343	1.2	98	0.00	4.14
59		1,4-Dioxane	0.005	0.005	0.0	104	0.00	4.18
60		2-Chloroethyl vinyl ether	0.192	0.191	0.5	95	0.00	4.39
61		cis-1,3-Dichloropropene	0.318	0.296	6.9	92	0.00	4.44
62	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00	5.58
63	S	Toluene-d8	1.412	1.347	4.6	97	0.00	4.56
64		Toluene	1.055	0.980	7.1	95	0.00	4.59
65		2-Nitropropane	0.222	0.218	1.8	101	0.00	4.73
66		4-Methyl-2-pentanone	0.811	0.801	1.2	102	0.00	4.82
67		trans-1,3-Dichloropropene	0.455	0.420	7.7	93	0.00	4.85
68		Tetrachloroethene	0.263	0.260	1.1	98	0.00	4.84
69		Ethyl methacrylate	0.371	0.346	6.7	96	0.00	4.95
70		1,1,2-Trichloroethane	0.221	0.203	8.1	94	0.00	4.95
71		Dibromochloromethane	0.319	0.295	7.5	94	0.00	5.08
72		1,3-Dichloropropane	0.445	0.409	8.1	96	0.00	5.14
73		1,2-Dibromoethane	0.298	0.276	7.4	95	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.155	0.173	-11.6	114	0.00	5.36
75		2-hexanone	0.941	0.971	-3.2	108	0.00	5.38
76		1-Chlorohexane	0.352	0.311	11.6	93	0.00	5.58
77		Ethylbenzene	1.182	1.083	8.4	94	0.00	5.61

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3525-ECC3517
Lab FileID: I770533.D

78		Chlorobenzene	0.697	0.636	8.8	94	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.282	0.256	9.2	96	0.00	5.64
80		m,p-Xylene	0.918	0.862	6.1	94	0.00	5.72
81		o-Xylene	0.882	0.842	4.5	94	0.00	6.03
82		Styrene	0.661	0.672	-1.7	100	0.00	6.06
83		Bromoform	0.238	0.219	8.0	92	0.00	6.08
84		Isopropylbenzene	1.038	0.999	3.8	93	0.00	6.26
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	7.33
86	S	4-Bromofluorobenzene	0.741	0.728	1.8	97	0.00	6.47
87		cis-1,4-Dichloro-2-butene	0.445	0.381	14.4	88	0.00	6.51
88		n-Propylbenzene	2.322	2.211	4.8	93	0.00	6.57
89		Bromobenzene	0.538	0.512	4.8	97	0.00	6.54
90		1,1,2,2-Tetrachloroethane	0.798	0.729	8.6	94	0.00	6.61
91		1,3,5-Trimethylbenzene	1.573	1.572	0.1	93	0.00	6.72
92		2-Chlorotoluene	1.297	1.233	4.9	93	0.00	6.68
93		trans-1,4-Dichloro-2-Bute	0.406	0.320	21.2	73	0.00	6.75
94		1,2,3-Trichloropropane	0.260	0.255	1.9	98	0.00	6.72
95		Cyclohexanone	0.086	0.095	-10.5	113	0.00	6.75
96		4-Chlorotoluene	1.476	1.456	1.4	97	0.00	6.81
97		tert-Butylbenzene	0.890	0.894	-0.4	95	0.00	6.97
98		1,2,4-Trimethylbenzene	1.619	1.640	-1.3	94	0.00	7.02
99		Pentachloroethane	0.307	0.294	4.2	94	0.00	6.98
100		sec-Butylbenzene	1.796	1.754	2.3	91	0.00	7.11
101		4-Isopropyltoluene	1.495	1.476	1.3	90	0.00	7.22
102		1,3-Dichlorobenzene	0.966	0.926	4.1	94	0.00	7.26
103		1,2,3-Trimethylbenzene	1.625	1.623	0.1	96	0.00	7.36
104		1,4-Dichlorobenzene	1.025	0.946	7.7	94	0.00	7.34
105		n-Butylbenzene	0.831	0.789	5.1	88	0.00	7.54
106		Benzyl Chloride	0.297	0.256	13.8	82	0.00	7.53
107		1,2-Dichlorobenzene	0.921	0.894	2.9	95	0.00	7.65
108		1,2-Dibromo-3-Chloropropa	0.257	0.262	-1.9	102	0.00	8.22
109		Hexachlorobutadiene	0.206	0.189	8.3	90	0.00	8.68
110		1,2,4-Trichlorobenzene	0.506	0.482	4.7	92	0.00	8.69
111		Naphthalene	1.846	1.896	-2.7	95	0.00	8.90
112		1,2,3-Trichlorobenzene	0.469	0.479	-2.1	96	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I770359.D VI3517_03302025.M Tue Apr 08 11:27:16 2025

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-CC3517
Lab FileID: I770535.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\04-08-25\I770535.D Vial: 2
Acq On : 8 Apr 2025 7:56 am Operator: jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	102	0.00	3.61
2	Dichlorodifluoromethane	0.221	0.248	-12.2	105	0.00	1.08
3	Chloromethane	0.288	0.330	-14.6	114	0.00	1.21
4	1,3-butadiene	0.275	0.286	-4.0	99	0.00	1.27
5	Vinyl Chloride	0.237	0.280	-18.1	112	0.00	1.25
6	Bromomethane	0.116	0.105	9.5	96	0.00	1.45
	----------	Amount	Calc.	%Drift	----------		
7	Chloroethane	40.000	44.124	-10.3	111	0.00	1.52
	----------	AvgRF	CCRF	%Dev	----------		
8	Trichlorofluoromethane	0.330	0.365	-10.6	104	0.00	1.60
9	Ethyl Ether	0.269	0.260	3.3	97	0.00	1.78
	----------	Amount	Calc.	%Drift	----------		
10	Ethanol	800.000	940.908	-17.6	116	0.00	1.88
	----------	AvgRF	CCRF	%Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.250	0.240	4.0	94	0.00	1.88
12	1,1-Dichloroethene	0.423	0.410	3.1	97	0.00	1.89
13	Freon 113	0.193	0.189	2.1	92	0.00	1.91
14	Carbon Disulfide	0.632	0.599	5.2	95	0.00	1.91
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	31.976	20.1#	75	0.00	1.97
16	Acrolein	200.000	195.006	2.5	96	0.00	2.08
	----------	AvgRF	CCRF	%Dev	----------		
17	Allyl chloride	0.472	0.470	0.4	101	0.00	2.15
18	Methylene Chloride	0.477	0.454	4.8	98	0.00	2.20
	----------	Amount	Calc.	%Drift	----------		
19	Acetone	200.000	205.135	-2.6	103	0.00	2.24
	----------	AvgRF	CCRF	%Dev	----------		
20	Methyl acetate	0.573	0.543	5.2	101	0.00	2.30
21	trans-1,2-Dichloroethene	0.391	0.380	2.8	96	0.00	2.30
22	Hexane	0.250	0.231	7.6	93	0.00	2.34
23	Methyl Tert Butyl Ether	0.675	0.665	1.5	97	0.00	2.36
	----------	Amount	Calc.	%Drift	----------		
24	Acetonitrile	400.000	489.588	-22.4#	118	0.00	2.49

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-CC3517
Lab FileID: I770535.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.139	0.147	-5.8	112	0.00	2.41
26		Di-isopropyl ether	1.002	1.042	-4.0	103	0.00	2.56
27		Chloroprene	1.174	1.144	2.6	101	0.00	2.65
28		1,1-Dichloroethane	0.425	0.419	1.4	97	0.00	2.63
29		Acrylonitrile	0.190	0.180	5.3	99	0.00	2.65
30		ETBE	0.851	0.850	0.1	99	0.00	2.75
31		Vinyl acetate	0.875	0.850	2.9	97	0.00	2.75
32		cis-1,2-Dichloroethene	0.188	0.185	1.6	97	0.00	2.91
33		2,2-Dichloropropane	0.314	0.306	2.5	99	0.00	2.97
			Amount	Calc.	%Drift			
34		Bromochloromethane	40.000	40.049	-0.1	99	0.00	3.02
			AvgRF	CCRF	%Dev			
35		Cyclohexane	0.434	0.421	3.0	93	0.00	3.03
36		Chloroform	0.380	0.368	3.2	98	0.00	3.06
37		Ethyl acetate	0.633	0.609	3.8	100	0.00	3.12
38		Tetrahydrofuran	0.256	0.263	-2.7	108	0.00	3.15
39	S	Dibromofluoromethane	0.301	0.309	-2.7	104	0.00	3.16
40		Carbon Tetrachloride	0.299	0.303	-1.3	98	0.00	3.14
41		1,1,1-Trichloroethane	0.320	0.318	0.6	95	0.00	3.18
42		2-Butanone	0.380	0.379	0.3	104	0.00	3.22
43		1,1-Dichloropropene	0.231	0.227	1.7	95	0.00	3.24
44		tert-Butyl formate	0.276	0.296	-7.2	107	0.00	3.30
45		Propionitrile	0.100	0.109	-9.0	115	0.00	3.39
46		Methacrylonitrile	0.311	0.315	-1.3	104	0.00	3.40
47		Benzene	0.725	0.690	4.8	97	0.00	3.38
48		TAME	0.569	0.559	1.8	97	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.418	0.443	-6.0	107	0.00	3.45
50		1,2-Dichloroethane	0.373	0.374	-0.3	100	0.00	3.49
51		Isobutyl Alcohol	0.013	0.012	7.7	98	0.00	3.44
52		Tert Amyl Alcohol	0.105	0.110	-4.8	114	0.00	3.55
53		Trichloroethene	0.203	0.193	4.9	98	0.00	3.71
54		Methylcyclohexane	0.254	0.240	5.5	89	0.00	3.71
55		Dibromomethane	0.145	0.139	4.1	96	0.00	3.95
56		1,2-Dichloropropane	0.227	0.219	3.5	97	0.00	4.02
57		Bromodichloromethane	0.288	0.280	2.8	97	0.00	4.05
58		Methyl methacrylate	0.347	0.346	0.3	99	0.00	4.14
59		1,4-Dioxane	0.005	0.006	-20.0	110	-0.01	4.17
60		2-Chloroethyl vinyl ether	0.192	0.198	-3.1	100	0.00	4.39
61		cis-1,3-Dichloropropene	0.318	0.310	2.5	96	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00	5.58
63	S	Toluene-d8	1.412	1.366	3.3	98	0.00	4.55
64		Toluene	1.055	1.007	4.5	97	0.00	4.58
65		2-Nitropropane	0.222	0.232	-4.5	107	0.00	4.72
66		4-Methyl-2-pentanone	0.811	0.824	-1.6	104	0.00	4.82
67		trans-1,3-Dichloropropene	0.455	0.446	2.0	98	0.00	4.84
68		Tetrachloroethene	0.263	0.264	-0.4	98	0.00	4.83
69		Ethyl methacrylate	0.371	0.358	3.5	99	0.00	4.95
70		1,1,2-Trichloroethane	0.221	0.211	4.5	97	0.00	4.95
71		Dibromochloromethane	0.319	0.318	0.3	101	0.00	5.07
72		1,3-Dichloropropane	0.445	0.426	4.3	99	0.00	5.13
73		1,2-Dibromoethane	0.298	0.285	4.4	97	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.155	0.173	-11.6	113	0.00	5.36
75		2-hexanone	0.941	0.987	-4.9	109	0.00	5.37
76		1-Chlorohexane	0.352	0.308	12.5	92	0.00	5.58
77		Ethylbenzene	1.182	1.156	2.2	100	0.00	5.61

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-CC3517
Lab FileID: I770535.D

78		Chlorobenzene	0.697	0.668	4.2	98	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.282	0.266	5.7	99	0.00	5.64
80		m,p-Xylene	0.918	0.902	1.7	97	0.00	5.72
81		o-Xylene	0.882	0.887	-0.6	99	0.00	6.02
82		Styrene	0.661	0.658	0.5	98	0.00	6.06
83		Bromoform	0.238	0.241	-1.3	101	0.00	6.08
84		Isopropylbenzene	1.038	1.050	-1.2	97	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00	7.32
86	S	4-Bromofluorobenzene	0.741	0.724	2.3	97	0.00	6.46
87		cis-1,4-Dichloro-2-butene	0.445	0.416	6.5	96	0.00	6.51
88		n-Propylbenzene	2.322	2.304	0.8	98	0.00	6.56
89		Bromobenzene	0.538	0.518	3.7	98	0.00	6.54
90		1,1,2,2-Tetrachloroethane	0.798	0.739	7.4	96	0.00	6.61
91		1,3,5-Trimethylbenzene	1.573	1.661	-5.6	99	0.00	6.72
92		2-Chlorotoluene	1.297	1.279	1.4	97	0.00	6.68
93		trans-1,4-Dichloro-2-Bute	0.406	0.357	12.1	82	0.00	6.75
94		1,2,3-Trichloropropane	0.260	0.264	-1.5	102	0.00	6.72
95		Cyclohexanone	0.086	0.103	-19.8	123	0.00	6.75
96		4-Chlorotoluene	1.476	1.481	-0.3	99	0.00	6.81
97		tert-Butylbenzene	0.890	0.921	-3.5	99	0.00	6.97
98		1,2,4-Trimethylbenzene	1.619	1.680	-3.8	97	0.00	7.02
99		Pentachloroethane	0.307	0.326	-6.2	104	0.00	6.97
100		sec-Butylbenzene	1.796	1.836	-2.2	96	0.00	7.11
101		4-Isopropyltoluene	1.495	1.578	-5.6	97	0.00	7.22
102		1,3-Dichlorobenzene	0.966	0.946	2.1	96	0.00	7.26
103		1,2,3-Trimethylbenzene	1.625	1.658	-2.0	98	0.00	7.36
104		1,4-Dichlorobenzene	1.025	0.976	4.8	97	0.00	7.33
105		n-Butylbenzene	0.831	0.859	-3.4	96	0.00	7.54
106		Benzyl Chloride	0.297	0.305	-2.7	99	0.00	7.52
107		1,2-Dichlorobenzene	0.921	0.918	0.3	98	0.00	7.65
108		1,2-Dibromo-3-Chloropropa	0.257	0.259	-0.8	101	0.00	8.22
109		Hexachlorobutadiene	0.206	0.209	-1.5	100	0.00	8.67
110		1,2,4-Trichlorobenzene	0.506	0.504	0.4	96	0.00	8.69
111		Naphthalene	1.846	1.922	-4.1	97	0.00	8.90
112		1,2,3-Trichlorobenzene	0.469	0.498	-6.2	100	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0

I770359.D VI3517_03302025.M Tue Apr 08 08:11:42 2025

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-ECC3517
Lab FileID: I770564.D

Evaluate Continuing Calibration Report

Data File : X:\Orlando VOA\natal...2025\VI3526\I770564.d Vial: 31
Acq On : 8 Apr 2025 4:07 pm Operator: jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : X:\Orlando VOA\n...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Mar 31 06:03:02 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	101	0.00	3.61
2	Dichlorodifluoromethane	0.221	0.249	-12.7	104	0.00	1.08
3	Chloromethane	0.288	0.325	-12.8	111	0.00	1.21
4	1,3-butadiene	0.275	0.310	-12.7	106	0.00	1.27
5	Vinyl Chloride	0.237	0.268	-13.1	107	0.00	1.26
6	Bromomethane	0.116	0.098	15.5	88	0.00	1.46
		True	Calc.	% Drift			
7	Chloroethane	40.000	44.876	-12.2	112	0.00	1.52
		AvgRF	CCRF	% Dev			
8	Trichlorofluoromethane	0.330	0.358	-8.5	101	0.00	1.60
9	Ethyl Ether	0.269	0.259	3.7	95	0.00	1.79
		True	Calc.	% Drift			
10	Ethanol	800.000	854.475	-6.8	106	0.00	1.88
		AvgRF	CCRF	% Dev			
11	1,2-Dichlorotrifluoroetha	0.250	0.236	5.6	92	0.00	1.89
12	1,1-Dichloroethene	0.423	0.402	5.0	94	0.00	1.89
13	Freon 113	0.193	0.185	4.1	89	0.00	1.91
14	Carbon Disulfide	0.632	0.574	9.2	90	0.00	1.91
		True	Calc.	% Drift			
15	Iodomethane	40.000	38.295	4.3	90	0.00	1.97
16	Acrolein	200.000	190.713	4.6	93	0.00	2.08
		AvgRF	CCRF	% Dev			
17	Allyl chloride	0.472	0.463	1.9	99	0.00	2.15
18	Methylene Chloride	0.477	0.451	5.5	96	0.00	2.21
		True	Calc.	% Drift			
19	Acetone	200.000	189.187	5.4	95	0.00	2.24
		AvgRF	CCRF	% Dev			
20	Methyl acetate	0.573	0.633	-10.5	117	0.00	2.30
21	trans-1,2-Dichloroethene	0.391	0.373	4.6	94	0.00	2.30
22	Hexane	0.250	0.229	8.4	91	0.00	2.34
23	Methyl Tert Butyl Ether	0.675	0.645	4.4	93	0.00	2.36
		True	Calc.	% Drift			
24	Acetonitrile	400.000	332.559	16.9	81	0.00	2.49

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-ECC3517
Lab FileID: I770564.D

			AvgRF	CCRF	% Dev			
25		Tert Butyl Alcohol	0.139	0.126	9.4	95	0.00	2.41
26		Di-isopropyl ether	1.002	0.966	3.6	95	0.00	2.56
27		Chloroprene	1.174	1.095	6.7	96	0.00	2.66
28		1,1-Dichloroethane	0.425	0.406	4.5	94	0.00	2.63
29		Acrylonitrile	0.190	0.174	8.4	95	0.00	2.66
30		ETBE	0.851	0.837	1.6	96	0.00	2.75
31		Vinyl acetate	0.875	0.842	3.8	96	0.00	2.75
32		cis-1,2-Dichloroethene	0.188	0.181	3.7	94	0.00	2.92
33		2,2-Dichloropropane	0.314	0.288	8.3	92	0.00	2.98
			True	Calc.	% Drift			
34		Bromochloromethane	40.000	40.380	-1.0	99	0.00	3.03
			AvgRF	CCRF	% Dev			
35		Cyclohexane	0.434	0.426	1.8	94	0.00	3.03
36		Chloroform	0.380	0.361	5.0	95	0.00	3.06
37		Ethyl acetate	0.633	0.599	5.4	97	0.00	3.12
38		Tetrahydrofuran	0.256	0.241	5.9	98	0.00	3.16
39	S	Dibromofluoromethane	0.301	0.307	-2.0	102	0.00	3.16
40		Carbon Tetrachloride	0.299	0.257	14.0	83	0.00	3.14
41		1,1,1-Trichloroethane	0.320	0.311	2.8	92	0.00	3.18
42		2-Butanone	0.380	0.358	5.8	98	0.00	3.23
43		1,1-Dichloropropene	0.231	0.224	3.0	93	0.00	3.25
44		tert-Butyl formate	0.276	0.288	-4.3	103	0.00	3.31
45		Propionitrile	0.100	0.100	0.0	105	0.00	3.39
46		Methacrylonitrile	0.311	0.315	-1.3	103	0.00	3.41
47		Benzene	0.725	0.668	7.9	93	0.00	3.39
48		TAME	0.569	0.561	1.4	96	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.418	0.449	-7.4	107	0.00	3.46
50		1,2-Dichloroethane	0.373	0.371	0.5	99	0.00	3.50
51		Isobutyl Alcohol	0.013	0.012	7.7	101	0.00	3.44
52		Tert Amyl Alcohol	0.105	0.102	2.9	105	0.00	3.55
53		Trichloroethene	0.203	0.189	6.9	96	0.00	3.71
54		Methylcyclohexane	0.254	0.245	3.5	90	0.00	3.71
55		Dibromomethane	0.145	0.139	4.1	95	0.00	3.96
56		1,2-Dichloropropane	0.227	0.216	4.8	95	0.00	4.02
57		Bromodichloromethane	0.288	0.274	4.9	94	0.00	4.05
58		Methyl methacrylate	0.347	0.354	-2.0	101	0.00	4.14
59		1,4-Dioxane	0.005	0.006	-20.0	104	0.00	4.18
60		2-Chloroethyl vinyl ether	0.192	0.196	-2.1	98	0.00	4.39
61		cis-1,3-Dichloropropene	0.318	0.304	4.4	94	0.00	4.44
62	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00	5.58
63	S	Toluene-d8	1.412	1.369	3.0	97	0.00	4.55
64		Toluene	1.055	0.996	5.6	95	0.00	4.59
65		2-Nitropropane	0.222	0.218	1.8	99	0.00	4.73
66		4-Methyl-2-pentanone	0.811	0.814	-0.4	102	0.00	4.82
67		trans-1,3-Dichloropropene	0.455	0.439	3.5	95	0.00	4.85
68		Tetrachloroethene	0.263	0.263	0.0	97	0.00	4.84
69		Ethyl methacrylate	0.371	0.367	1.1	100	0.00	4.95
70		1,1,2-Trichloroethane	0.221	0.206	6.8	93	0.00	4.95
71		Dibromochloromethane	0.319	0.304	4.7	95	0.00	5.08
72		1,3-Dichloropropane	0.445	0.424	4.7	97	0.00	5.14
73		1,2-Dibromoethane	0.298	0.285	4.4	96	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.155	0.166	-7.1	107	0.00	5.36
75		2-hexanone	0.941	0.971	-3.2	106	0.00	5.38
76		1-Chlorohexane	0.352	0.227	35.5	67	0.00	5.58
77		Ethylbenzene	1.182	0.997	15.7	85	0.00	5.61

Continuing Calibration Summary

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3526-ECC3517
Lab FileID: I770564.D

78		Chlorobenzene	0.697	0.657	5.7	95	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.282	0.258	8.5	95	0.00	5.64
80		m,p-Xylene	0.918	0.885	3.6	94	0.00	5.72
81		o-Xylene	0.882	0.875	0.8	96	0.00	6.03
82		Styrene	0.661	0.651	1.5	95	0.00	6.06
83		Bromoform	0.238	0.223	6.3	92	0.00	6.08
84		Isopropylbenzene	1.038	1.032	0.6	94	0.00	6.26
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	7.33
86	S	4-Bromofluorobenzene	0.741	0.749	-1.1	99	0.00	6.47
87		cis-1,4-Dichloro-2-butene	0.445	0.391	12.1	89	0.00	6.51
88		n-Propylbenzene	2.322	2.280	1.8	96	0.00	6.57
89		Bromobenzene	0.538	0.518	3.7	97	0.00	6.54
90		1,1,2,2-Tetrachloroethane	0.798	0.743	6.9	95	0.00	6.62
91		1,3,5-Trimethylbenzene	1.573	1.617	-2.8	95	0.00	6.72
92		2-Chlorotoluene	1.297	1.261	2.8	94	0.00	6.69
93		trans-1,4-Dichloro-2-Bute	0.406	0.306	24.6	70	0.00	6.75
94		1,2,3-Trichloropropane	0.260	0.259	0.4	99	0.00	6.72
95		Cyclohexanone	0.086	0.096	-11.6	114	0.00	6.75
96		4-Chlorotoluene	1.476	1.464	0.8	97	0.00	6.81
97		tert-Butylbenzene	0.890	0.927	-4.2	98	0.00	6.97
98		1,2,4-Trimethylbenzene	1.619	1.650	-1.9	94	0.00	7.02
99		Pentachloroethane	0.307	0.308	-0.3	98	0.00	6.98
100		sec-Butylbenzene	1.796	1.831	-1.9	95	0.00	7.11
101		4-Isopropyltoluene	1.495	1.541	-3.1	94	0.00	7.22
102		1,3-Dichlorobenzene	0.966	0.945	2.2	95	0.00	7.26
103		1,2,3-Trimethylbenzene	1.625	1.642	-1.0	96	0.00	7.36
104		1,4-Dichlorobenzene	1.025	0.976	4.8	97	0.00	7.34
105		n-Butylbenzene	0.831	0.838	-0.8	93	0.00	7.54
106		Benzyl Chloride	0.297	0.279	6.1	90	0.00	7.53
107		1,2-Dichlorobenzene	0.921	0.909	1.3	96	0.00	7.65
108		1,2-Dibromo-3-Chloropropa	0.257	0.249	3.1	96	0.00	8.22
109		Hexachlorobutadiene	0.206	0.197	4.4	93	0.00	8.68
110		1,2,4-Trichlorobenzene	0.506	0.502	0.8	95	0.00	8.69
111		Naphthalene	1.846	1.906	-3.3	95	0.00	8.90
112		1,2,3-Trichlorobenzene	0.469	0.498	-6.2	99	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I770359.D VI3517_03302025.M Tue Apr 08 16:07:39 2025

Run Sequence Report

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3517 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3517-BFB	I770353.D	03/30/25 11:24	n/a	BFB Tune
VI3517-IC3517	I770354.D	03/30/25 11:48	n/a	Initial cal 1
VI3517-IC3517	I770355.D	03/30/25 12:04	n/a	Initial cal 8
VI3517-IC3517	I770356.D	03/30/25 12:20	n/a	Initial cal 2
VI3517-IC3517	I770357.D	03/30/25 12:36	n/a	Initial cal 3
VI3517-IC3517	I770358.D	03/30/25 13:15	n/a	Initial cal 4
VI3517-ICC3517	I770359.D	03/30/25 13:31	n/a	Initial cal 5
VI3517-IC3517	I770360.D	03/30/25 13:48	n/a	Initial cal 6
VI3517-IC3517	I770361.D	03/30/25 14:04	n/a	Initial cal 7
VI3517-ICV3517	I770363.D	03/30/25 14:36	n/a	Initial cal verification 5

Run Sequence Report

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3525 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3525-BFB	I770505.D	04/07/25 08:33	n/a	BFB Tune
VI3525-CC3517	I770506.D	04/07/25 08:53	n/a	Continuing cal 5
VI3525-BS	I770507.D	04/07/25 09:14	n/a	Blank Spike
VI3525-MB	I770509.D	04/07/25 09:47	n/a	Method Blank
ZZZZZZ	I770511.D	04/07/25 10:28	n/a	(unrelated sample)
FC23653-3	I770512.D	04/07/25 10:44	n/a	(used for QC only; not part of job FC23706)
ZZZZZZ	I770513.D	04/07/25 11:01	n/a	(unrelated sample)
ZZZZZZ	I770514.D	04/07/25 11:24	n/a	(unrelated sample)
ZZZZZZ	I770515.D	04/07/25 11:41	n/a	(unrelated sample)
ZZZZZZ	I770516.D	04/07/25 11:57	n/a	(unrelated sample)
ZZZZZZ	I770517.D	04/07/25 12:14	n/a	(unrelated sample)
ZZZZZZ	I770518.D	04/07/25 12:30	n/a	(unrelated sample)
ZZZZZZ	I770519.D	04/07/25 12:47	n/a	(unrelated sample)
FC23706-14	I770520.D	04/07/25 13:04	n/a	789-TB01_0325-C
ZZZZZZ	I770521.D	04/07/25 13:20	n/a	(unrelated sample)
ZZZZZZ	I770522.D	04/07/25 13:37	n/a	(unrelated sample)
ZZZZZZ	I770523.D	04/07/25 13:54	n/a	(unrelated sample)
ZZZZZZ	I770524.D	04/07/25 14:10	n/a	(unrelated sample)
ZZZZZZ	I770525.D	04/07/25 14:27	n/a	(unrelated sample)
ZZZZZZ	I770526.D	04/07/25 14:43	n/a	(unrelated sample)
ZZZZZZ	I770527.D	04/07/25 15:00	n/a	(unrelated sample)
ZZZZZZ	I770528.D	04/07/25 15:16	n/a	(unrelated sample)
ZZZZZZ	I770529.D	04/07/25 15:33	n/a	(unrelated sample)
ZZZZZZ	I770530.D	04/07/25 15:50	n/a	(unrelated sample)
FC23653-3MS	I770531.D	04/07/25 16:07	n/a	Matrix Spike
FC23653-3MSD	I770532.D	04/07/25 16:24	n/a	Matrix Spike Duplicate
VI3525-ECC3517	I770533.D	04/07/25 16:40	n/a	Ending cal 5

Run Sequence Report

Job Number: FC23706
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3526 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3526-BFB	I770534.D	04/08/25 07:31	n/a	BFB Tune
VI3526-CC3517	I770535.D	04/08/25 07:56	n/a	Continuing cal 5
VI3526-BS	I770536.D	04/08/25 08:14	n/a	Blank Spike
VI3526-MB	I770538.D	04/08/25 08:47	n/a	Method Blank
FC23706-8	I770540.D	04/08/25 09:30	n/a	789MW-222_0325
FC23706-1	I770541.D	04/08/25 09:47	n/a	789MW-135_0325
FC23706-2	I770542.D	04/08/25 10:04	n/a	789MW-46R_0325
FC23706-3	I770543.D	04/08/25 10:21	n/a	789MW-83_0325
FC23706-4	I770546.D	04/08/25 11:14	n/a	789MW-95_0325
FC23706-5	I770547.D	04/08/25 11:30	n/a	789MW-99_0325
FC23706-6	I770548.D	04/08/25 11:46	n/a	789MW-99_0325-A
FC23706-7	I770549.D	04/08/25 12:03	n/a	789MW-216_0325
FC23706-9	I770550.D	04/08/25 12:19	n/a	789MW-251_0325
FC23706-10	I770551.D	04/08/25 12:36	n/a	789SW-02_0325
FC23706-11	I770552.D	04/08/25 12:52	n/a	789SW-03_0325
ZZZZZZ	I770553.D	04/08/25 13:08	n/a	(unrelated sample)
ZZZZZZ	I770554.D	04/08/25 13:24	n/a	(unrelated sample)
FC23706-12	I770555.D	04/08/25 13:41	n/a	789SW-04_0325
FC23706-13	I770556.D	04/08/25 13:57	n/a	789-AB01_0325-D
ZZZZZZ	I770557.D	04/08/25 14:13	n/a	(unrelated sample)
ZZZZZZ	I770558.D	04/08/25 14:30	n/a	(unrelated sample)
ZZZZZZ	I770559.D	04/08/25 14:46	n/a	(unrelated sample)
ZZZZZZ	I770560.D	04/08/25 15:02	n/a	(unrelated sample)
ZZZZZZ	I770561.D	04/08/25 15:18	n/a	(unrelated sample)
FC23706-8MS	I770562.D	04/08/25 15:35	n/a	Matrix Spike
FC23706-8MSD	I770563.D	04/08/25 15:51	n/a	Matrix Spike Duplicate
VI3526-ECC3517	I770564.D	04/08/25 16:07	n/a	Ending cal 5

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770541.d
Acq On : 8 Apr 2025 9:47 am
Operator : jeniferw
Sample : FC23706-1 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 08 15:48:54 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

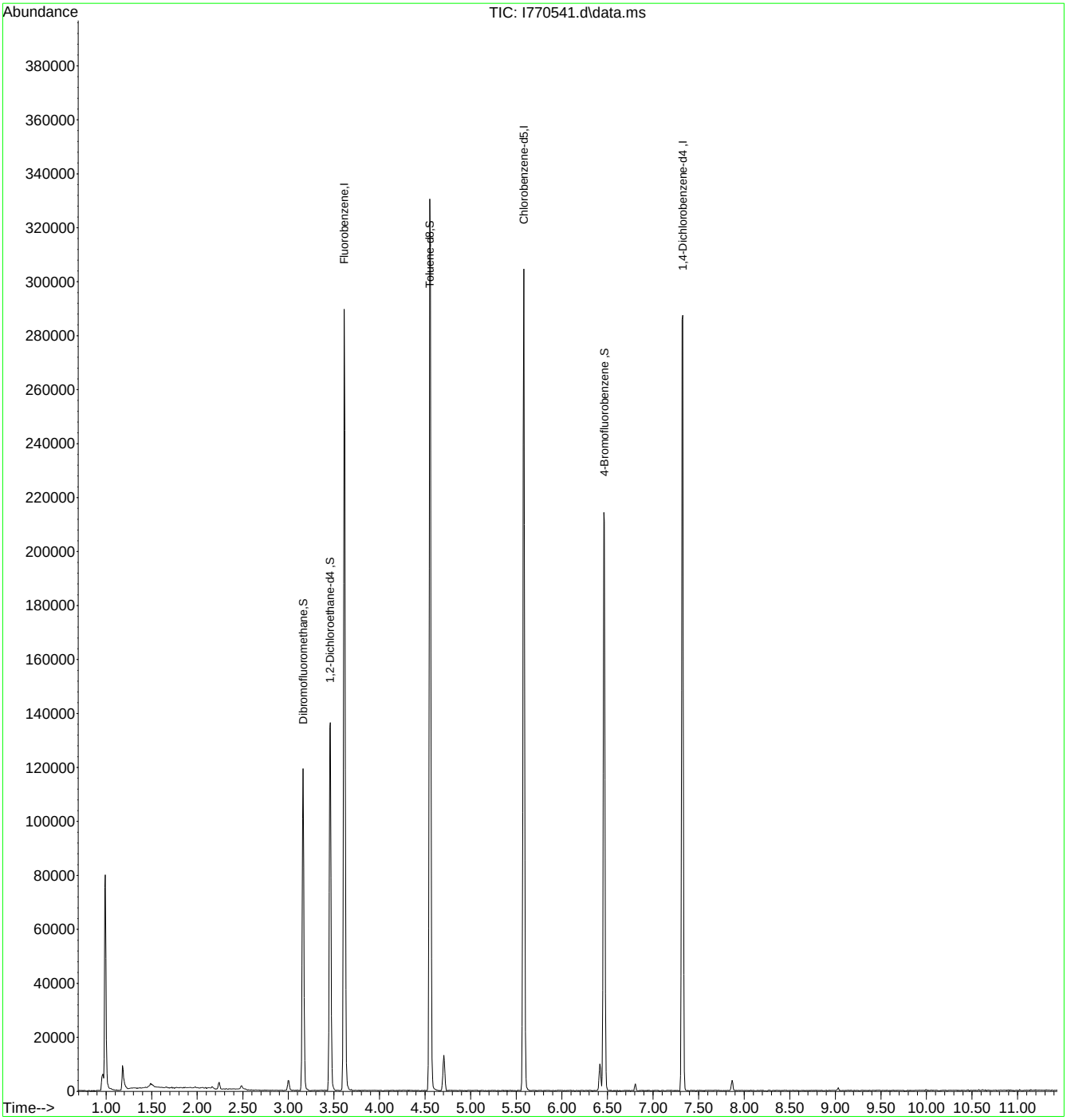
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.613	96	149290	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	104950	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	53837	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	45553	50.70	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	101.40%		
49) 1,2-Dichloroethane-d4			3.455	65	66222	53.03	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery =	106.06%		
63) Toluene-d8			4.552	98	140413	47.36	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery =	94.72%		
86) 4-Bromofluorobenzene			6.466	174	40887	51.23	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	102.46%		
Target Compounds								Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770541.d
Acq On : 8 Apr 2025 9:47 am
Operator : jeniferw
Sample : FC23706-1 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Apr 08 15:48:54 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770542.d
Acq On : 8 Apr 2025 10:04 am
Operator : jeniferw
Sample : FC23706-2 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 08 15:50:03 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

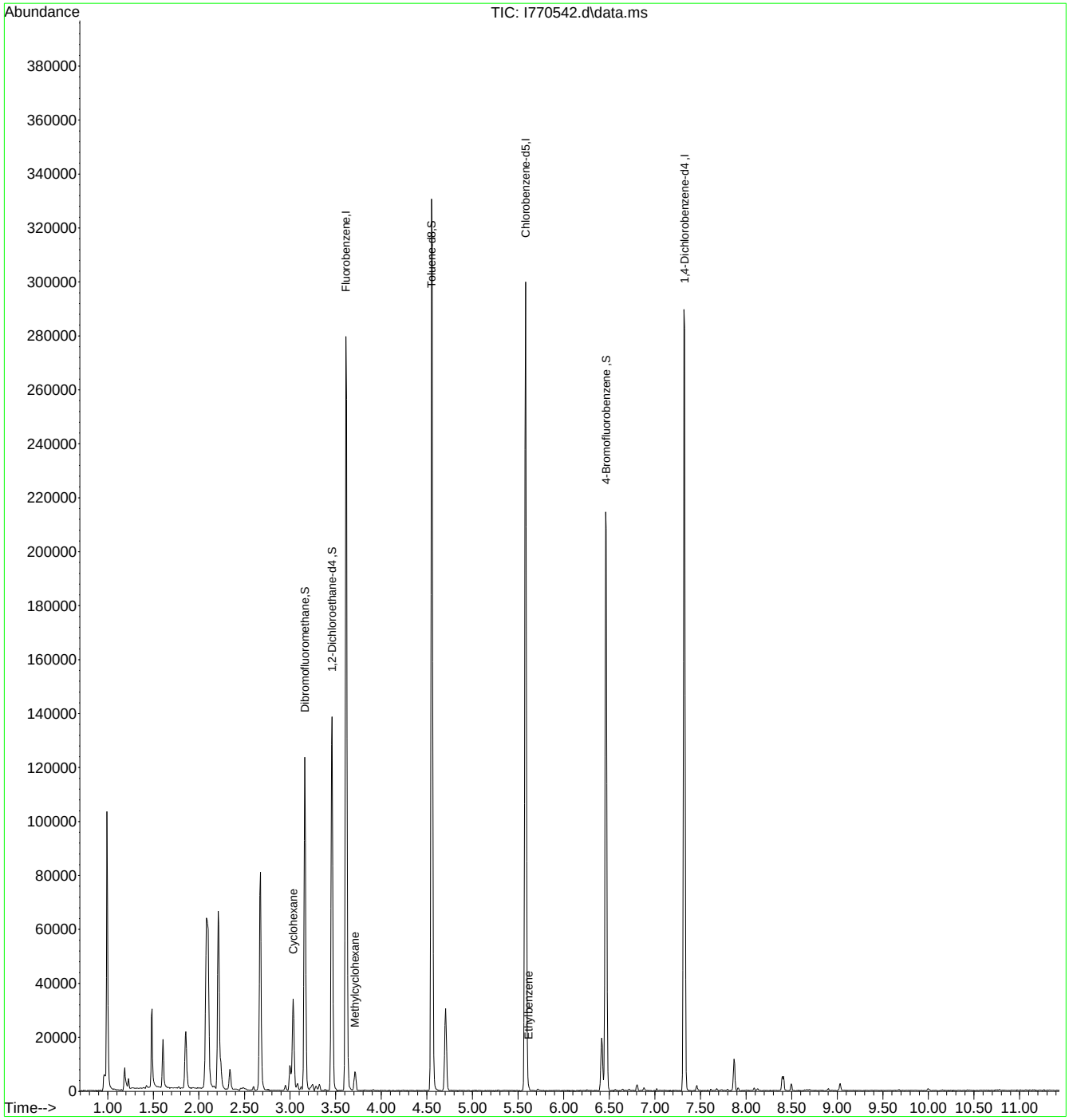
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.613	96	147436	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.582	117	104605	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.326	152	54682	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.162	113	45841	51.66	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	103.32%		
49) 1,2-Dichloroethane-d4		3.461	65	65688	53.27	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125		Recovery =	106.54%		
63) Toluene-d8		4.552	98	138840	46.99	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112		Recovery =	93.98%		
86) 4-Bromofluorobenzene		6.466	174	40978	50.55	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	101.10%		
Target Compounds							Qvalue
35) Cyclohexane		3.034	56	11432	8.9317	ug/L #	88
54) Methylcyclohexane		3.711	83	1499	2.0035	ug/L #	61
77) Ethylbenzene		5.613	91	783	0.3167	ug/L	83

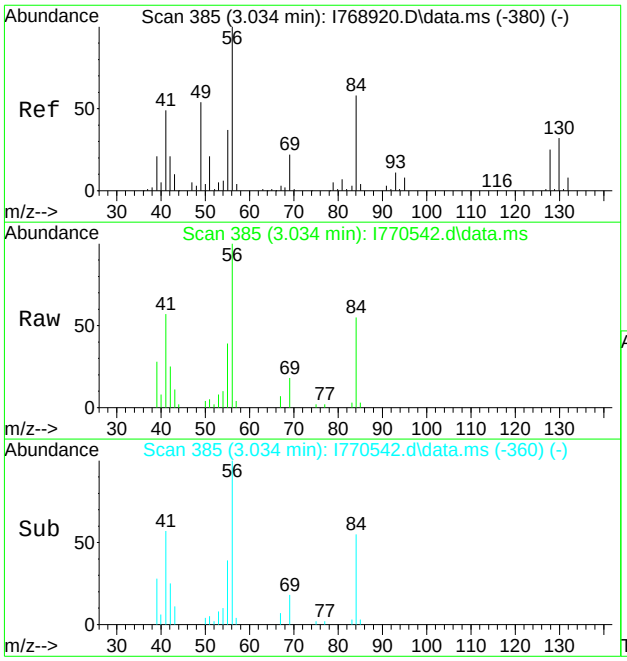
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770542.d
Acq On : 8 Apr 2025 10:04 am
Operator : jeniferw
Sample : FC23706-2 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 08 15:50:03 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

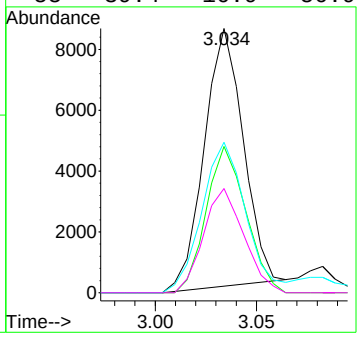


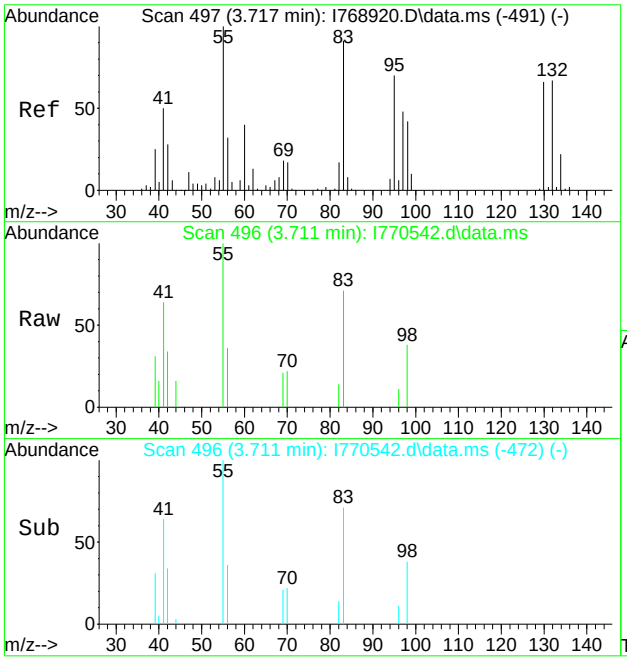


#35
Cyclohexane
Concen: 8.9317 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770542.d
Acq: 8 Apr 2025 10:04 am

Tgt Ion: 56 Resp: 11432

Ion	Ratio	Lower	Upper
56	100		
84	55.4	56.7	96.7#
41	56.9	37.5	77.5
55	39.4	16.9	56.9

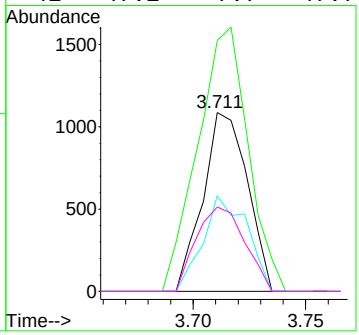


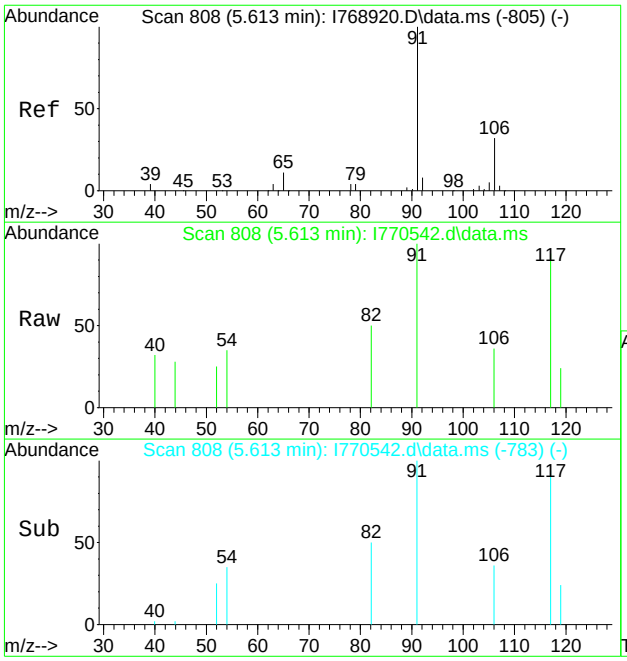


#54
Methylcyclohexane
Concen: 2.0035 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.006 min
Lab File: I770542.d
Acq: 8 Apr 2025 10:04 am

Tgt Ion: 83 Resp: 1499

Ion	Ratio	Lower	Upper
83	100		
55	140.2	70.4	110.4#
98	53.5	25.0	65.0
42	47.2	7.7	47.7

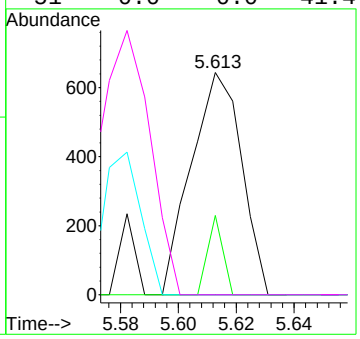




#77
Ethylbenzene
Concen: 0.3167 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770542.d
Acq: 8 Apr 2025 10:04 am

Tgt Ion: 91 Resp: 783

Ion	Ratio	Lower	Upper
91	100		
106	35.7	0.8	60.8
65	0.0	0.0	39.5
51	0.0	0.0	41.4



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770543.d
Acq On : 8 Apr 2025 10:21 am
Operator : jeniferw
Sample : FC23706-3 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 08 15:50:26 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

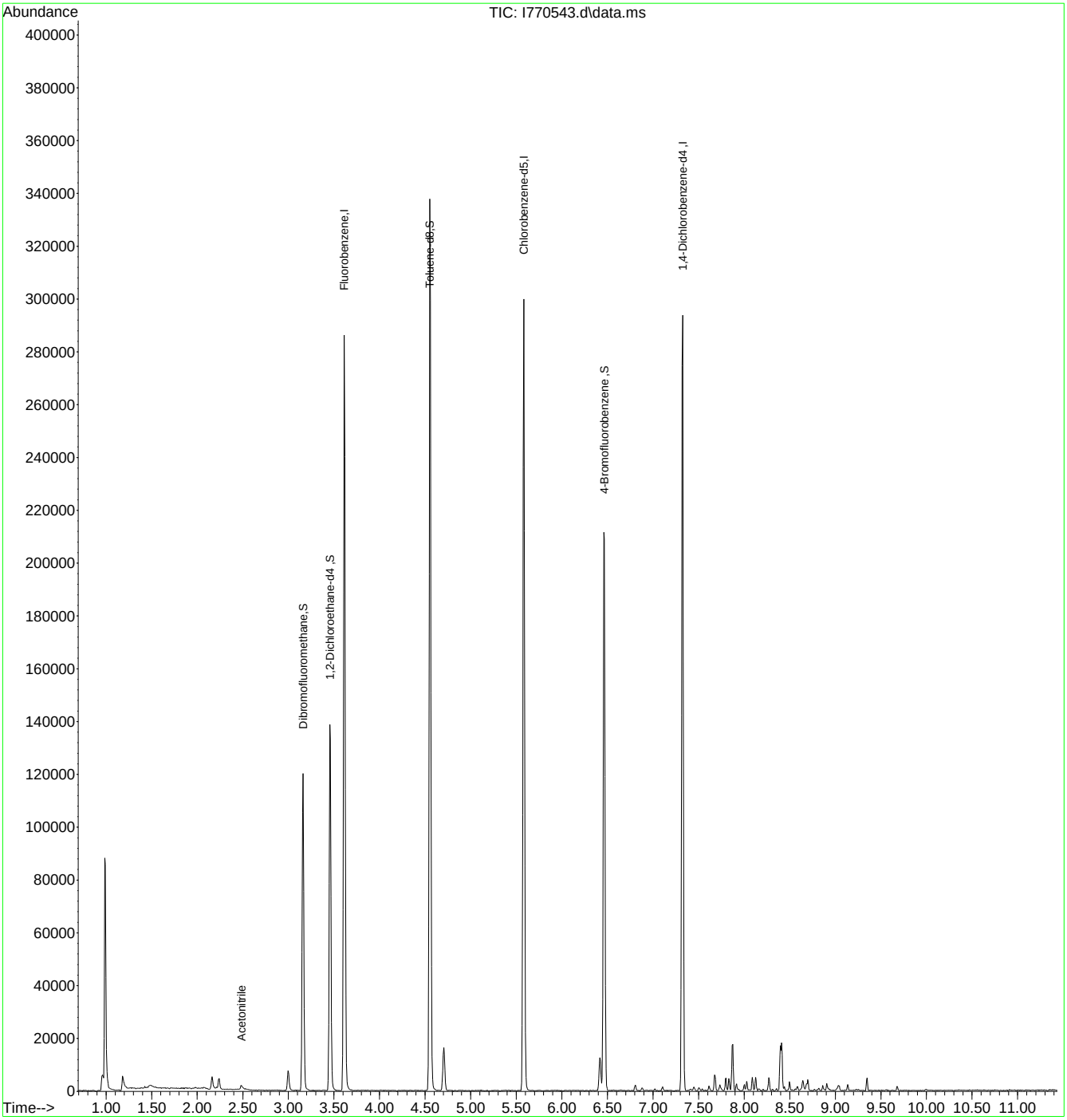
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.613	96	147503	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.582	117	104848	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.326	152	53854	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.162	113	45748	51.53	ug/L	0.00
Spiked Amount	50.000	Range	83 - 118	Recovery	=	103.06%	
49) 1,2-Dichloroethane-d4		3.455	65	66766	54.12	ug/L	0.00
Spiked Amount	50.000	Range	79 - 125	Recovery	=	108.24%	
63) Toluene-d8		4.552	98	139370	47.06	ug/L	0.00
Spiked Amount	50.000	Range	85 - 112	Recovery	=	94.12%	
86) 4-Bromofluorobenzene		6.466	174	40385	50.59	ug/L	0.00
Spiked Amount	50.000	Range	83 - 118	Recovery	=	101.18%	
Target Compounds							Qvalue
24) Acetonitrile		2.485	41	1437	5.6716	ug/L	97

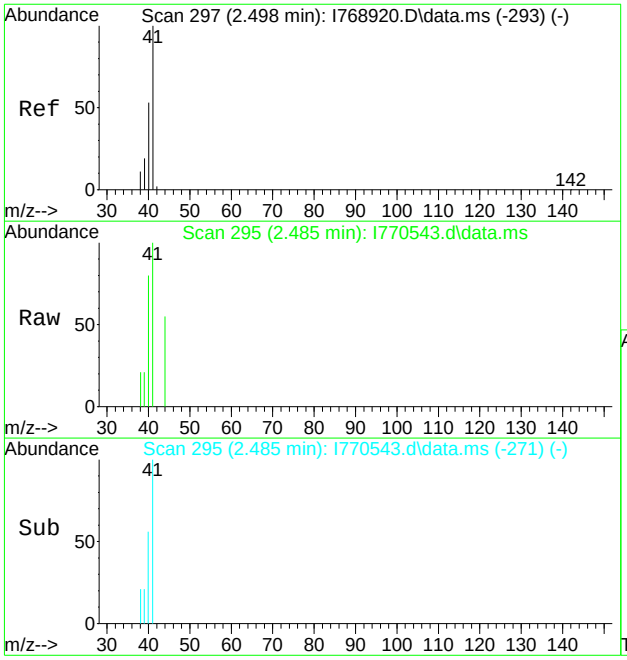
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770543.d
Acq On : 8 Apr 2025 10:21 am
Operator : jeniferw
Sample : FC23706-3 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 08 15:50:26 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

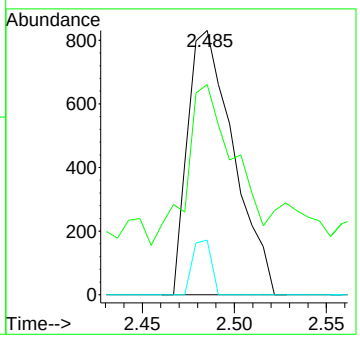




#24
Acetonitrile
Concen: 5.6716 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I770543.d
Acq: 8 Apr 2025 10:21 am

Tgt Ion: 41 Resp: 1437

Ion	Ratio	Lower	Upper
41	100		
40	52.6	35.0	75.0
39	20.7	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770546.d
Acq On : 8 Apr 2025 11:14 am
Operator : jeniferw
Sample : FC23706-4 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 08 15:50:55 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

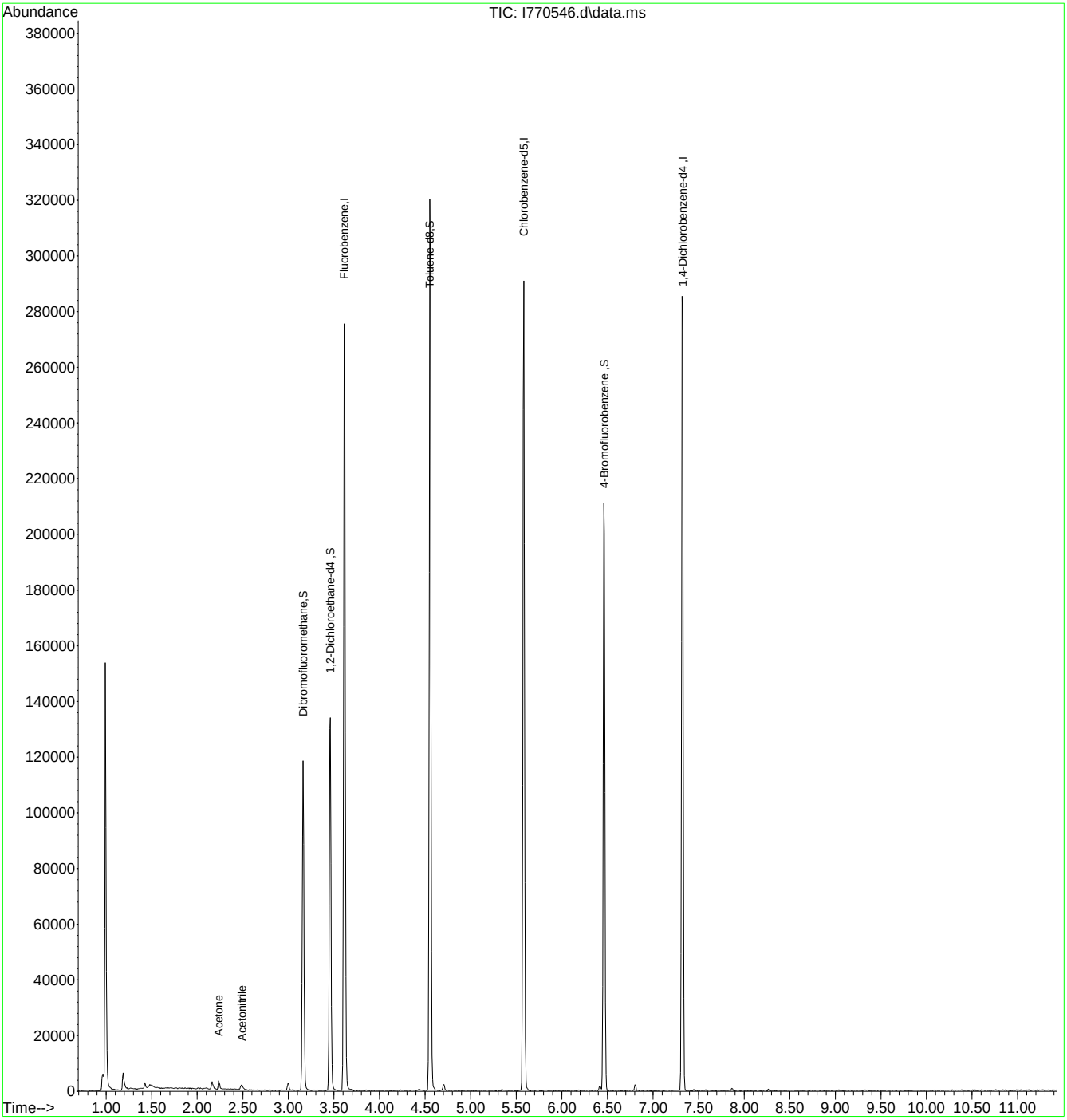
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.613	96	145411	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	102681	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	52679	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	44983	51.40	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	102.80%		
49) 1,2-Dichloroethane-d4			3.461	65	64676	53.18	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery =	106.36%		
63) Toluene-d8			4.552	98	135288	46.64	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery =	93.28%		
86) 4-Bromofluorobenzene			6.466	174	39306	50.33	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	100.66%		
Target Compounds								Qvalue
19) Acetone			2.235	43	2271	3.3296	ug/L	89
24) Acetonitrile			2.491	41	1445	5.7854	ug/L	93

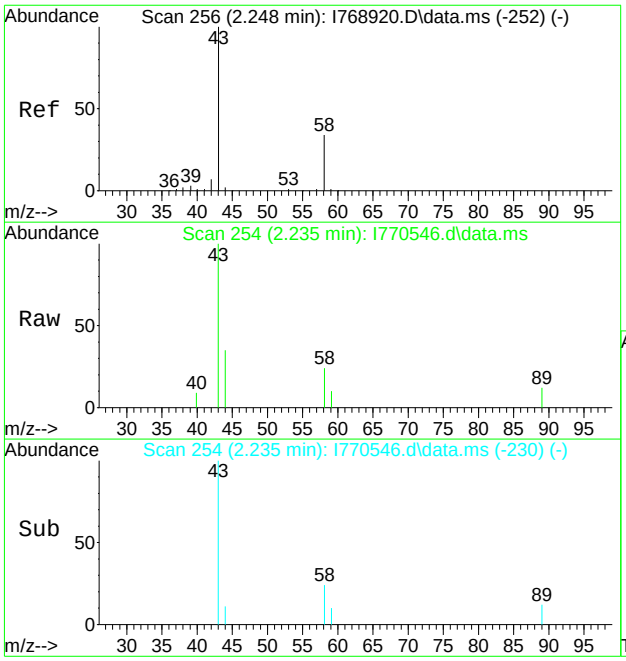
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770546.d
Acq On : 8 Apr 2025 11:14 am
Operator : jeniferw
Sample : FC23706-4 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 08 15:50:55 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

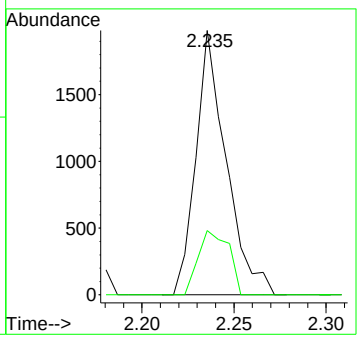


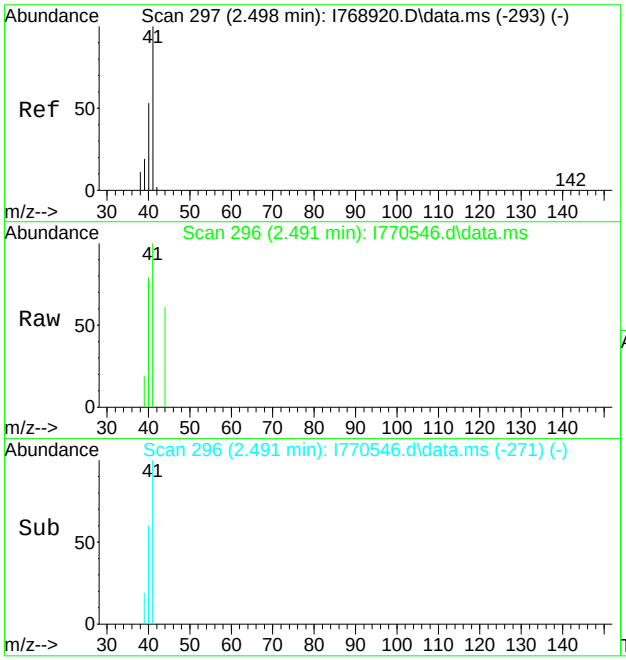


#19
Acetone
Concen: 3.3296 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I770546.d
Acq: 8 Apr 2025 11:14 am

Tgt Ion: 43 Resp: 2271

Ion	Ratio	Lower	Upper
43	100		
58	24.3	0.0	60.0

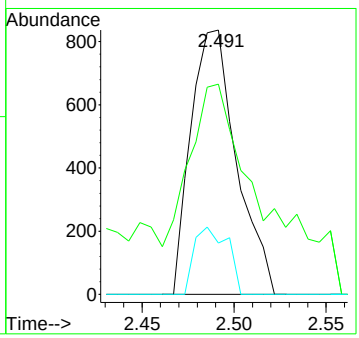




#24
Acetonitrile
Concen: 5.7854 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I770546.d
Acq: 8 Apr 2025 11:14 am

Tgt Ion: 41 Resp: 1445

Ion	Ratio	Lower	Upper
41	100		
40	61.4	35.0	75.0
39	19.5	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770547.d
Acq On : 8 Apr 2025 11:30 am
Operator : jeniferw
Sample : FC23706-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 08 15:53:38 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

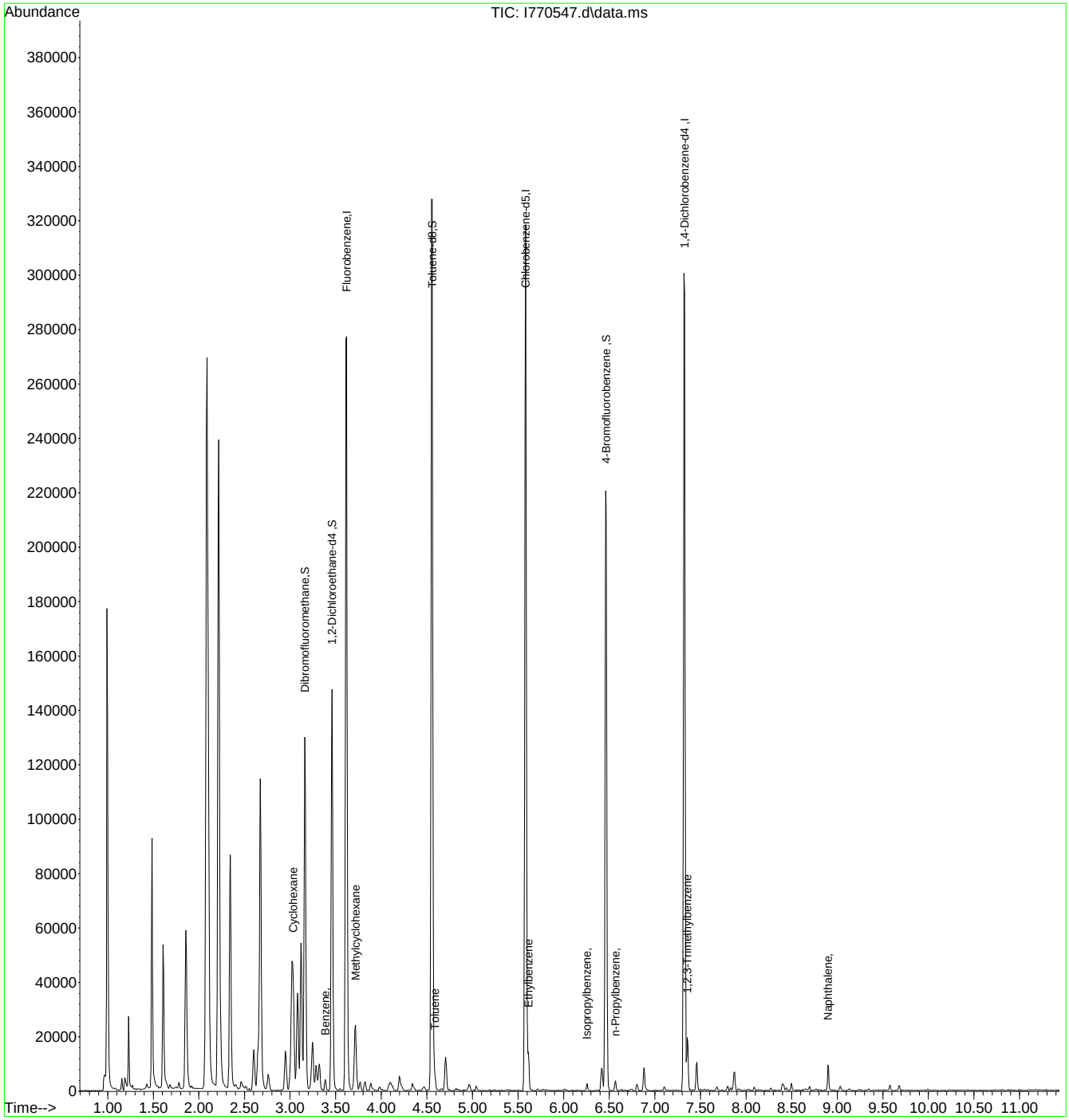
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	153286	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	107942	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	56439	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	47591	51.58	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.16%			
49) 1,2-Dichloroethane-d4	3.461	65	68476	53.41	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 106.82%			
63) Toluene-d8	4.558	98	144659	47.44	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.88%			
86) 4-Bromofluorobenzene	6.466	174	41706	49.85	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.70%			
Target Compounds						Qvalue
35) Cyclohexane	3.034	56	14387	10.8115	ug/L #	81
47) Benzene	3.388	78	2005	0.9024	ug/L	87
54) Methylcyclohexane	3.717	83	4991	6.4161	ug/L #	72
64) Toluene	4.589	91	1027	0.4508	ug/L	90
77) Ethylbenzene	5.613	91	6368	2.4961	ug/L	96
84) Isopropylbenzene	6.253	105	1311	0.5852	ug/L	96
88) n-Propylbenzene	6.570	91	2578	0.9836	ug/L	95
103) 1,2,3-Trimethylbenzene	7.356	105	8127	4.4320	ug/L	97
111) Naphthalene	8.899	128	4752	2.2811	ug/L	98

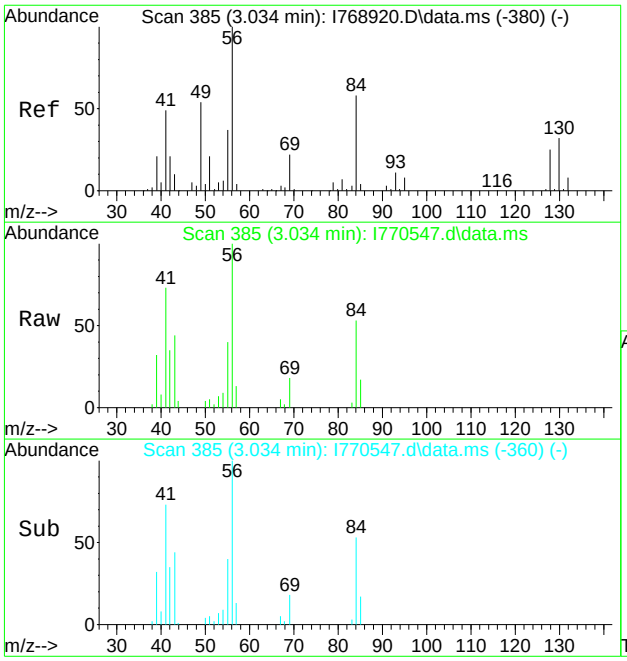
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770547.d
Acq On : 8 Apr 2025 11:30 am
Operator : jeniferw
Sample : FC23706-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 08 15:53:38 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

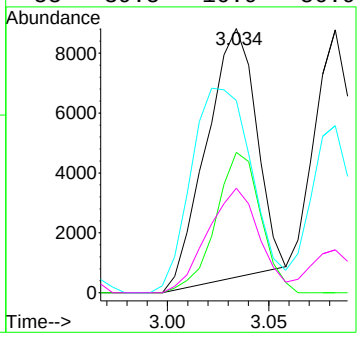


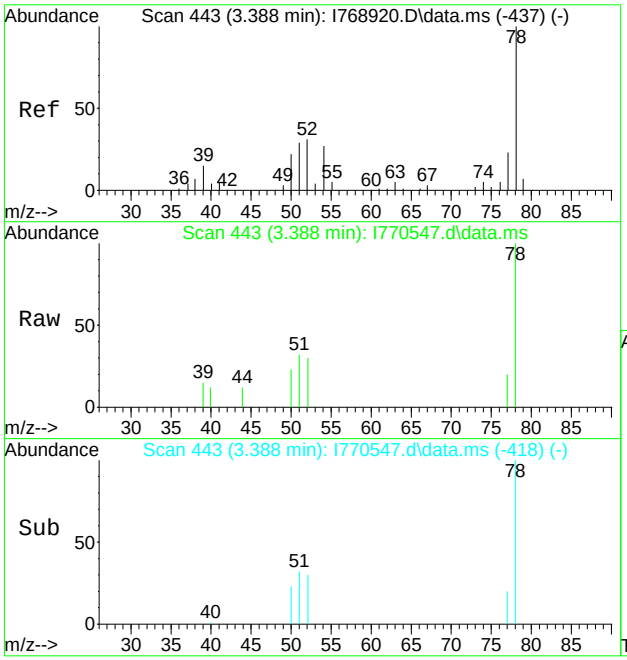


#35
Cyclohexane
Concen: 10.8115 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 56 Resp: 14387

Ion	Ratio	Lower	Upper
56	100		
84	53.1	56.7	96.7#
41	70.0	37.5	77.5
55	39.5	16.9	56.9

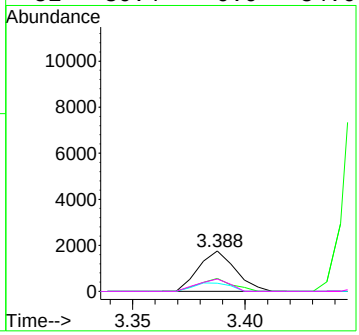


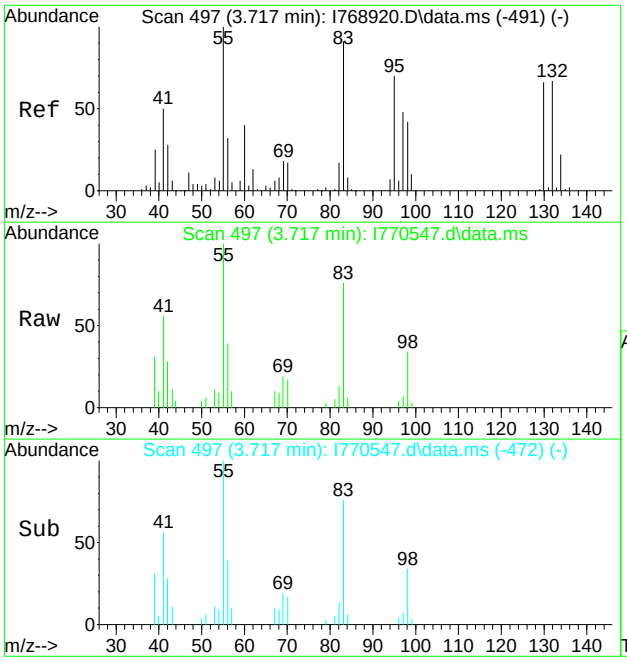


#47
Benzene
Concen: 0.9024 ug/L
RT: 3.388 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 78 Resp: 2005

Ion	Ratio	Lower	Upper
78	100		
51	32.2	0.0	51.7
77	19.9	0.0	53.1
52	30.4	0.0	54.6

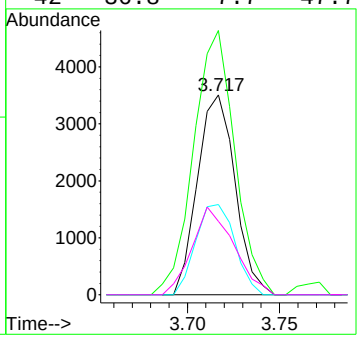


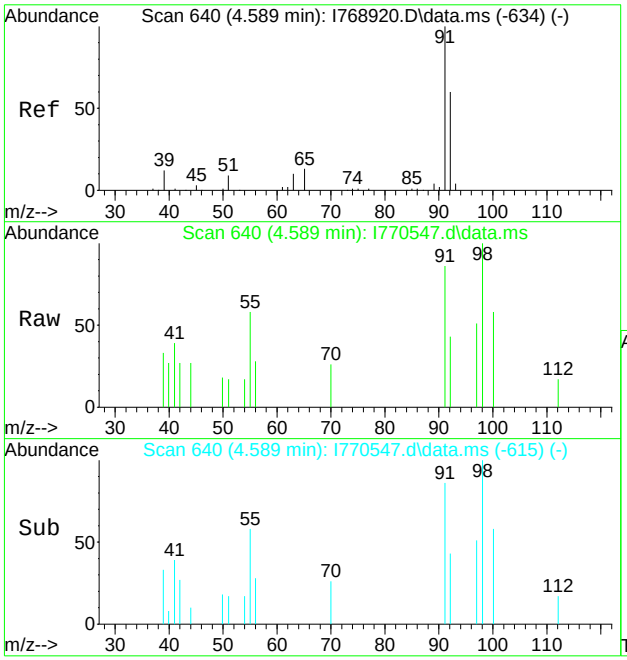


#54
Methylcyclohexane
Concen: 6.4161 ug/L
RT: 3.717 min Scan# 497
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 83 Resp: 4991

Ion	Ratio	Lower	Upper
83	100		
55	132.3	70.4	110.4#
98	45.2	25.0	65.0
42	36.8	7.7	47.7

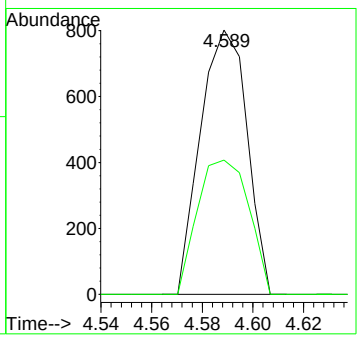


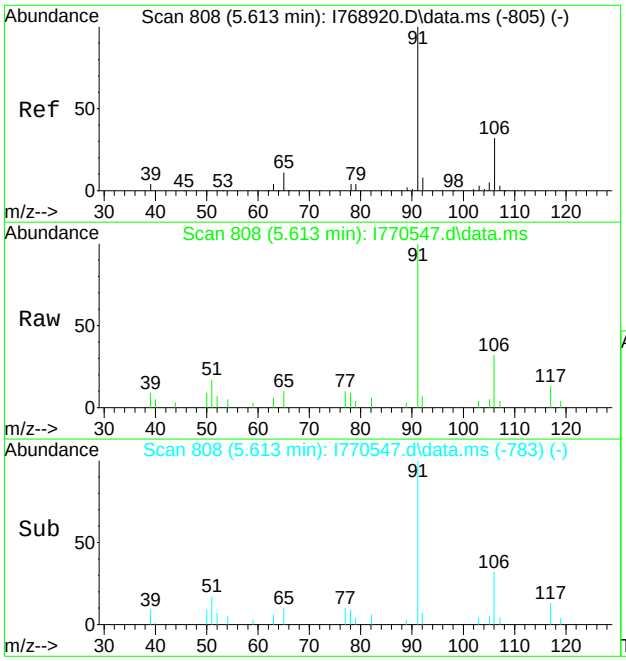


#64
Toluene
Concen: 0.4508 ug/L
RT: 4.589 min Scan# 640
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 91 Resp: 1027

Ion	Ratio	Lower	Upper
91	100		
92	50.7	28.4	88.4

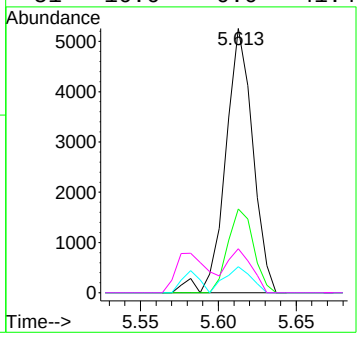


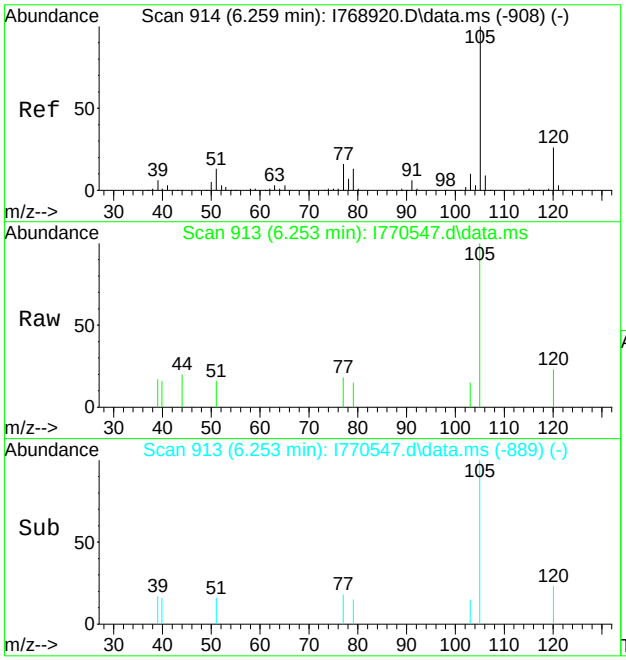


#77
Ethylbenzene
Concen: 2.4961 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 91 Resp: 6368

Ion	Ratio	Lower	Upper
91	100		
106	31.7	0.8	60.8
65	9.9	0.0	39.5
51	16.6	0.0	41.4

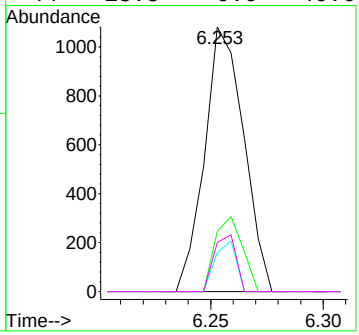


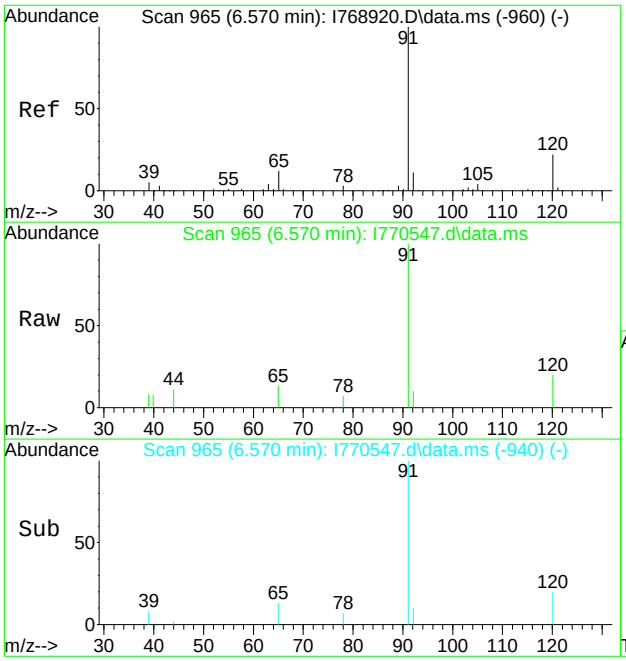


#84
Isopropylbenzene
Concen: 0.5852 ug/L
RT: 6.253 min Scan# 913
Delta R.T. -0.006 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion:105 Resp: 1311

Ion	Ratio	Lower	Upper
105	100		
120	22.7	0.0	54.9
79	14.7	0.0	43.9
77	18.5	0.0	46.6

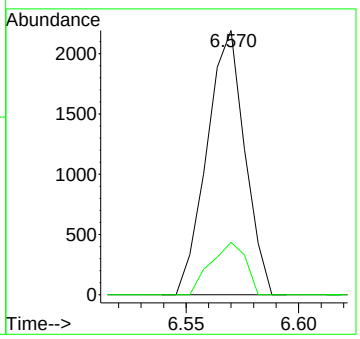


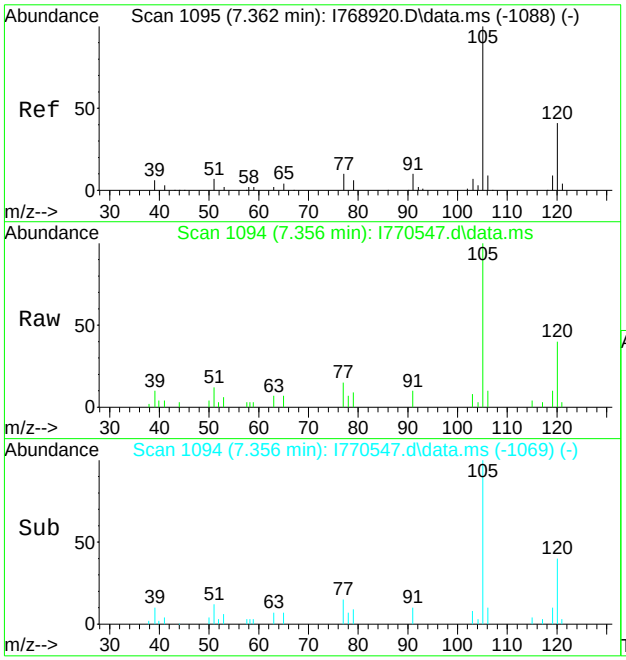


#88
n-Propylbenzene
Concen: 0.9836 ug/L
RT: 6.570 min Scan# 965
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion: 91 Resp: 2578

Ion	Ratio	Lower	Upper
91	100		
120	19.8	0.0	52.3

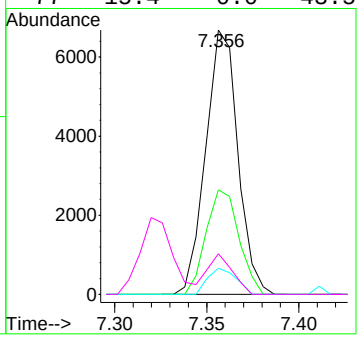


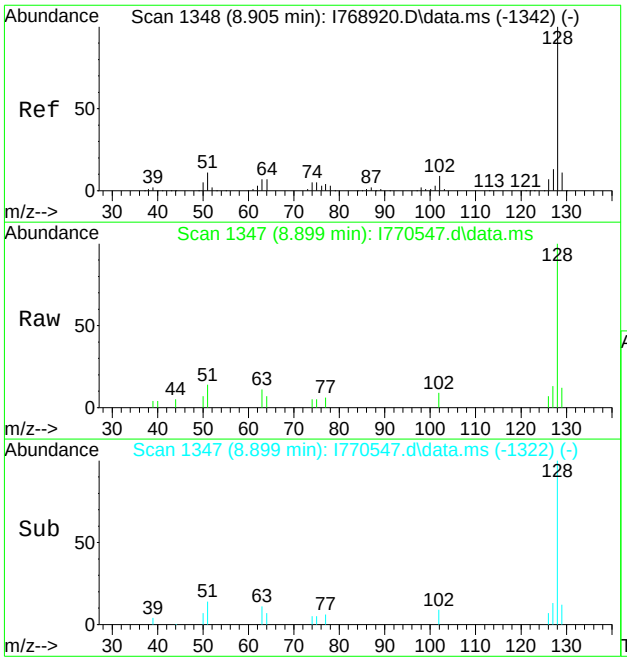


#103
1,2,3-Trimethylbenzene
Concen: 4.4320 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion:105 Resp: 8127

Ion	Ratio	Lower	Upper
105	100		
120	39.6	11.0	71.0
119	9.9	0.0	39.1
77	15.4	0.0	43.5

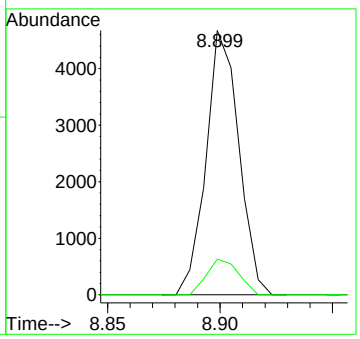




#111
Naphthalene
Concen: 2.2811 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I770547.d
Acq: 8 Apr 2025 11:30 am

Tgt Ion:128 Resp: 4752

Ion	Ratio	Lower	Upper
128	100		
127	13.5	0.0	42.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770548.d
Acq On : 8 Apr 2025 11:46 am
Operator : jeniferw
Sample : FC23706-6 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 15:55:13 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

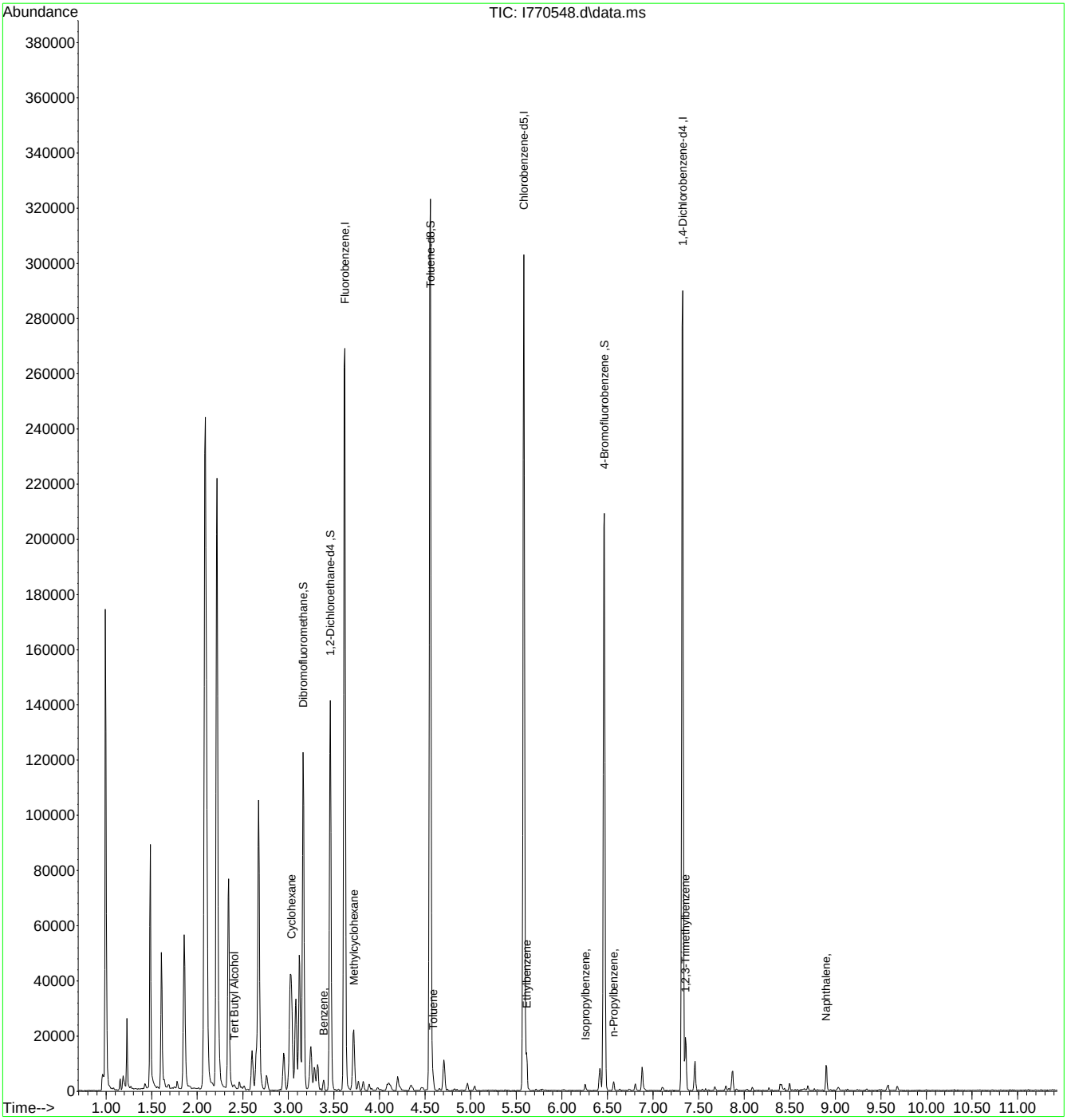
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.619	96	147271	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.582	117	103702	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.326	152	53413	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.162	113	45247	51.05	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	102.10%		
49) 1,2-Dichloroethane-d4		3.461	65	66155	53.71	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125		Recovery =	107.42%		
63) Toluene-d8		4.558	98	138221	47.18	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112		Recovery =	94.36%		
86) 4-Bromofluorobenzene		6.466	174	40600	51.28	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	102.56%		
Target Compounds							Qvalue
25) Tert Butyl Alcohol		2.406	59	939	2.2962	ug/L	86
35) Cyclohexane		3.034	56	13168	10.2996	ug/L #	82
47) Benzene		3.388	78	1857	0.8699	ug/L	86
54) Methylcyclohexane		3.717	83	4675	6.2553	ug/L #	61
64) Toluene		4.588	91	1037	0.4738	ug/L	91
77) Ethylbenzene		5.613	91	6182	2.5222	ug/L	93
84) Isopropylbenzene		6.259	105	1364	0.6338	ug/L	86
88) n-Propylbenzene		6.570	91	2295	0.9252	ug/L	94
103) 1,2,3-Trimethylbenzene		7.356	105	7976	4.5960	ug/L	98
111) Naphthalene		8.899	128	4699	2.3835	ug/L	98

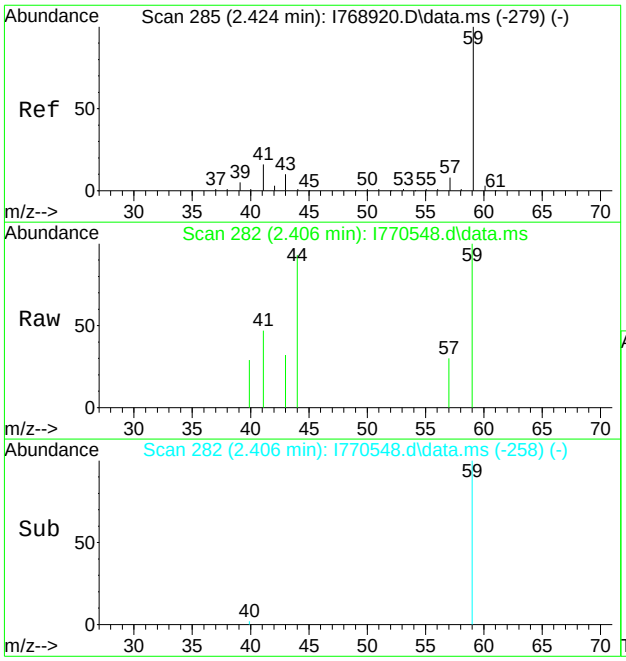
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770548.d
Acq On : 8 Apr 2025 11:46 am
Operator : jeniferw
Sample : FC23706-6 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 15:55:13 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

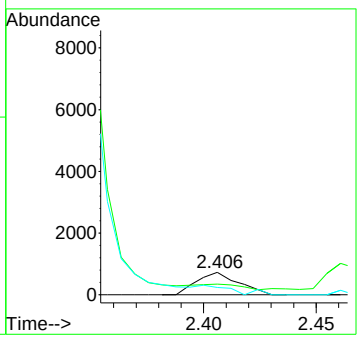


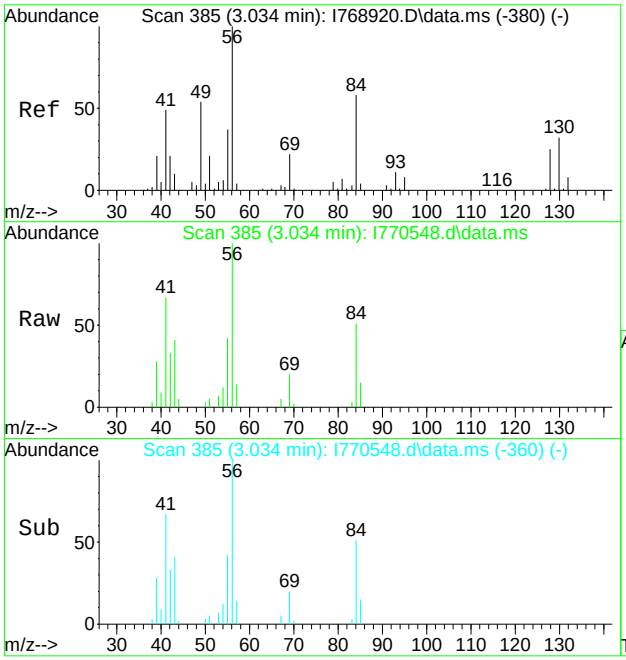


#25
Tert Butyl Alcohol
Concen: 2.2962 ug/L
RT: 2.406 min Scan# 282
Delta R.T. -0.006 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 59 Resp: 939

Ion	Ratio	Lower	Upper
59	100		
41	21.0	8.6	48.6
43	32.5	5.3	45.3

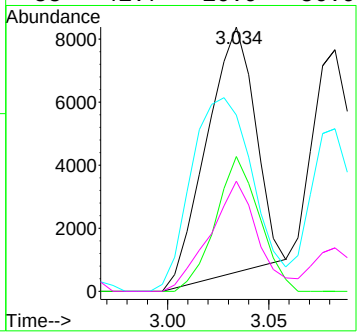


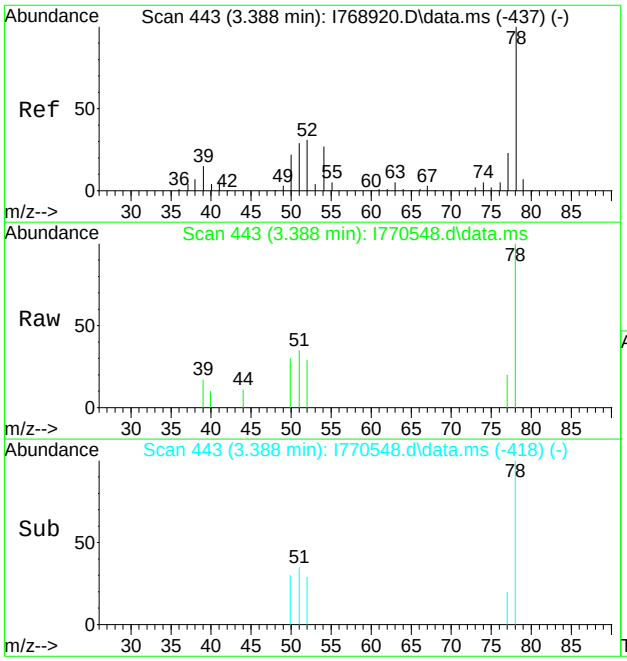


#35
Cyclohexane
Concen: 10.2996 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 56 Resp: 13168

Ion	Ratio	Lower	Upper
56	100		
84	51.0	56.7	96.7#
41	64.0	37.5	77.5
55	41.7	16.9	56.9

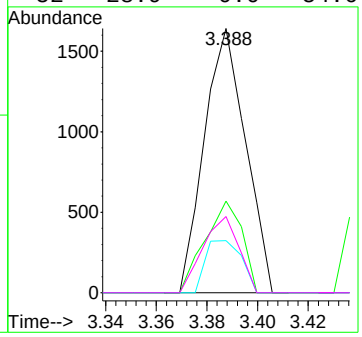


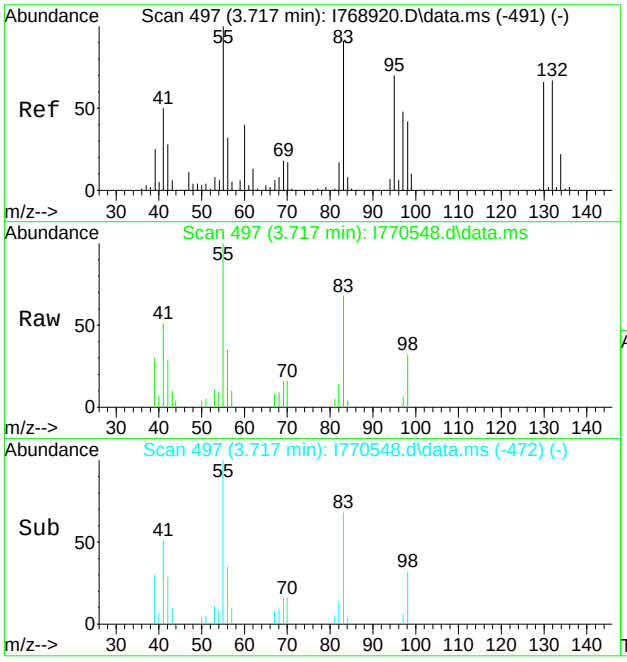


#47
Benzene
Concen: 0.8699 ug/L
RT: 3.388 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 78 Resp: 1857

Ion	Ratio	Lower	Upper
78	100		
51	34.7	0.0	51.7
77	19.7	0.0	53.1
52	28.9	0.0	54.6

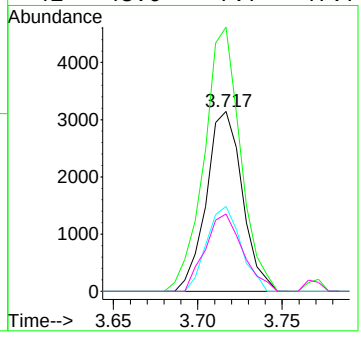


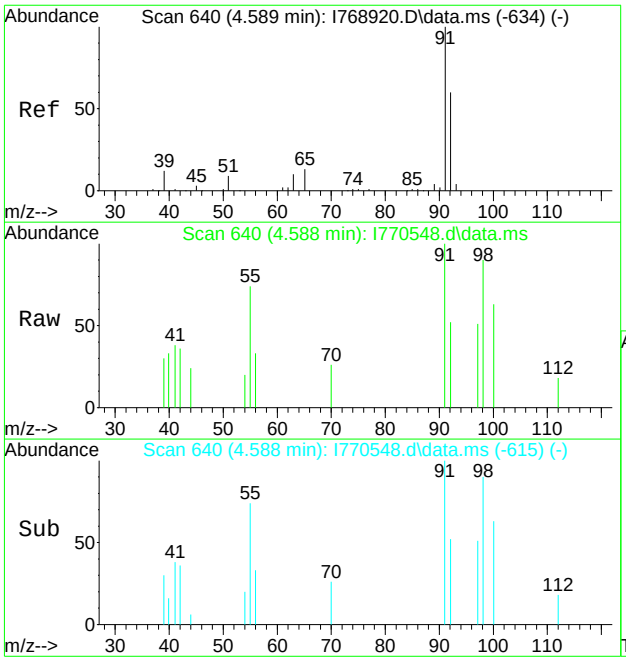


#54
Methylcyclohexane
Concen: 6.2553 ug/L
RT: 3.717 min Scan# 497
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 83 Resp: 4675

Ion	Ratio	Lower	Upper
83	100		
55	147.0	70.4	110.4#
98	47.2	25.0	65.0
42	43.0	7.7	47.7

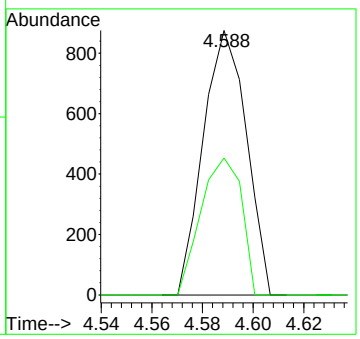


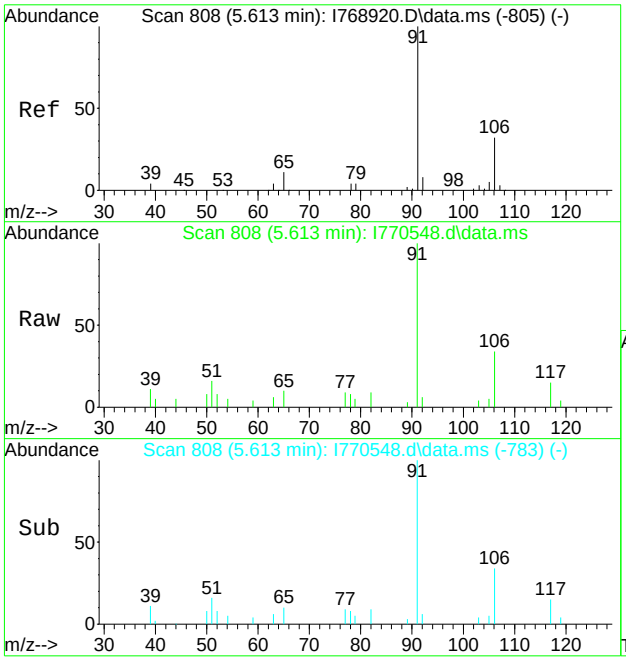


#64
Toluene
Concen: 0.4738 ug/L
RT: 4.588 min Scan# 640
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 91 Resp: 1037

Ion	Ratio	Lower	Upper
91	100		
92	51.7	28.4	88.4

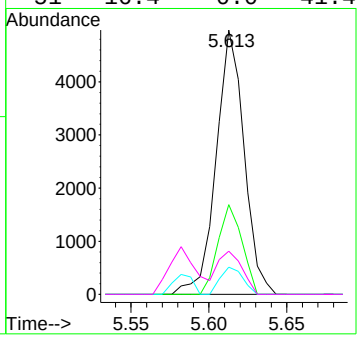


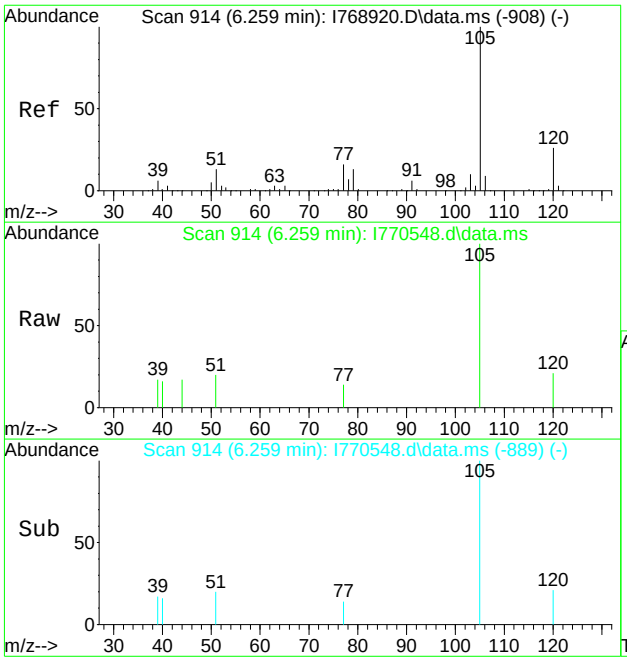


#77
Ethylbenzene
Concen: 2.5222 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 91 Resp: 6182

Ion	Ratio	Lower	Upper
91	100		
106	33.9	0.8	60.8
65	10.3	0.0	39.5
51	16.4	0.0	41.4

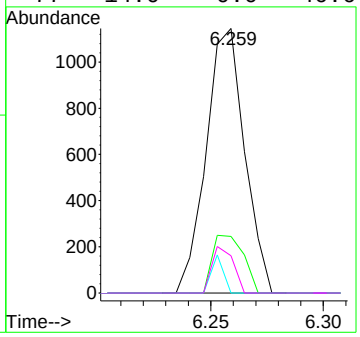


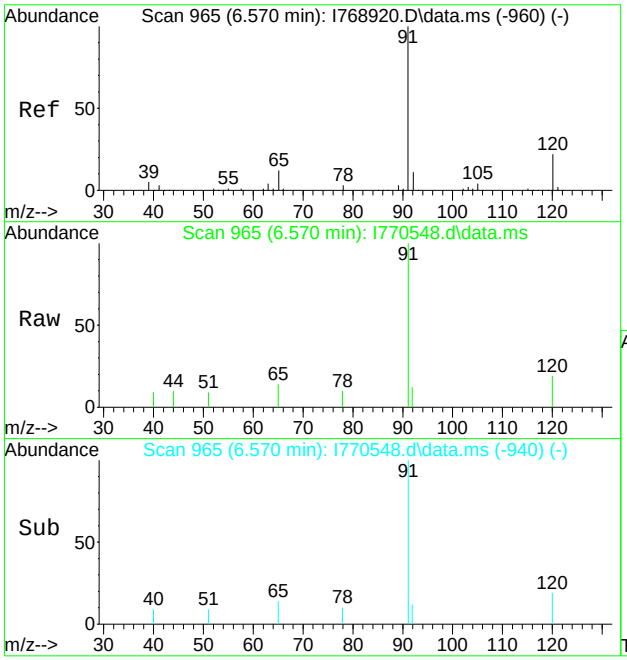


#84
Isopropylbenzene
Concen: 0.6338 ug/L
RT: 6.259 min Scan# 914
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion:105 Resp: 1364

Ion	Ratio	Lower	Upper
105	100		
120	21.4	0.0	54.9
79	0.0	0.0	43.9
77	14.0	0.0	46.6

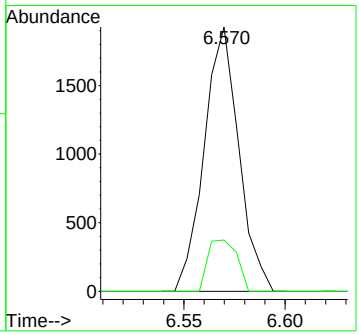


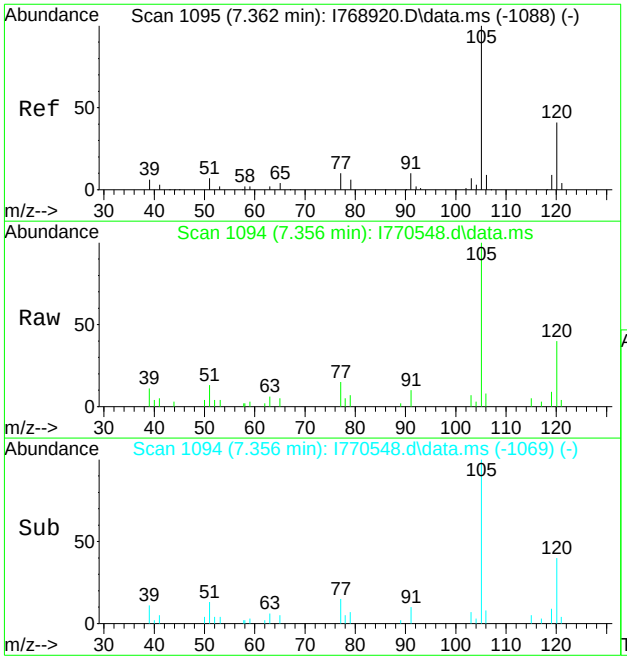


#88
n-Propylbenzene
Concen: 0.9252 ug/L
RT: 6.570 min Scan# 965
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion: 91 Resp: 2295

Ion	Ratio	Lower	Upper
91	100		
120	19.4	0.0	52.3

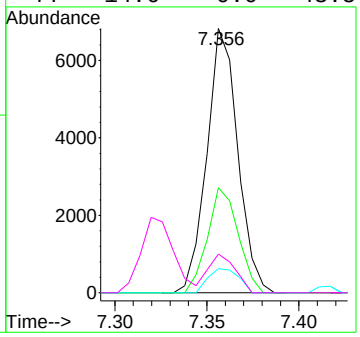


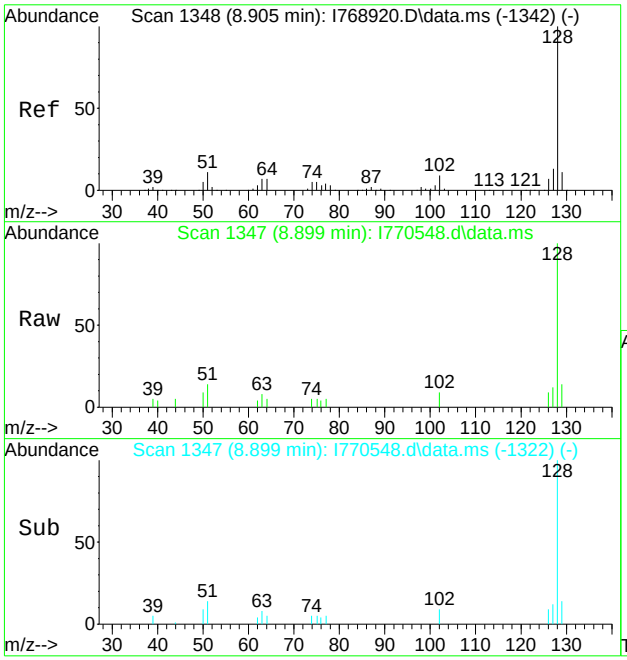


#103
1,2,3-Trimethylbenzene
Concen: 4.5960 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion:105 Resp: 7976

Ion	Ratio	Lower	Upper
105	100		
120	39.7	11.0	71.0
119	9.1	0.0	39.1
77	14.6	0.0	43.5

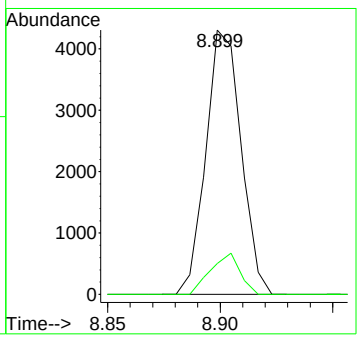




#111
Naphthalene
Concen: 2.3835 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I770548.d
Acq: 8 Apr 2025 11:46 am

Tgt Ion:128 Resp: 4699

Ion	Ratio	Lower	Upper
128	100		
127	11.7	0.0	42.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770549.d
Acq On : 8 Apr 2025 12:03 pm
Operator : jeniferw
Sample : FC23706-7 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 08 15:57:08 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

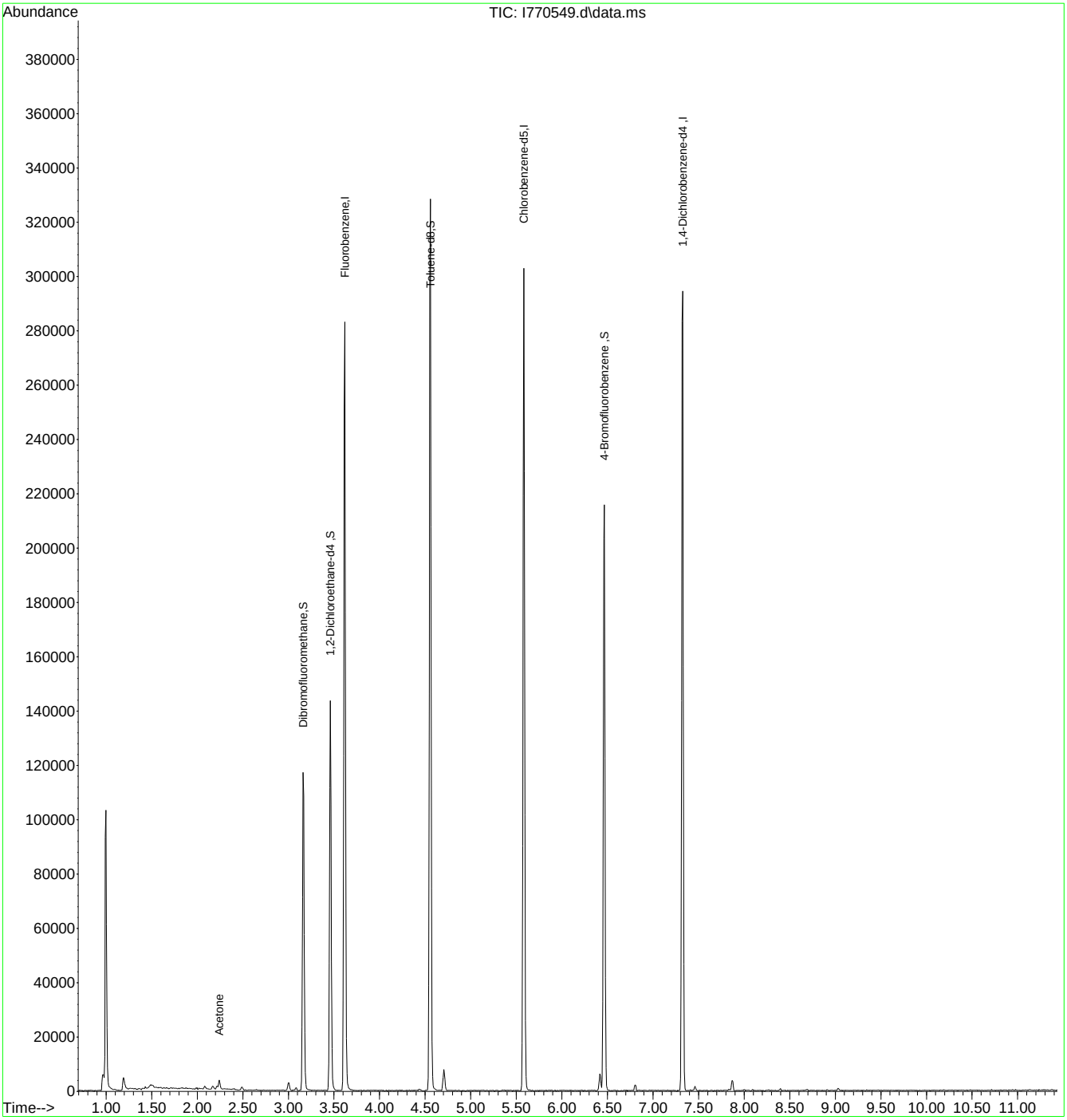
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	148141	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	104286	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	54604	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	45732	51.29	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.58%			
49) 1,2-Dichloroethane-d4	3.460	65	66187	53.42	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 106.84%			
63) Toluene-d8	4.558	98	139435	47.33	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.66%			
86) 4-Bromofluorobenzene	6.466	174	40639	50.21	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.42%			
Target Compounds						Qvalue
19) Acetone	2.241	43	2354	3.3878	ug/L	92

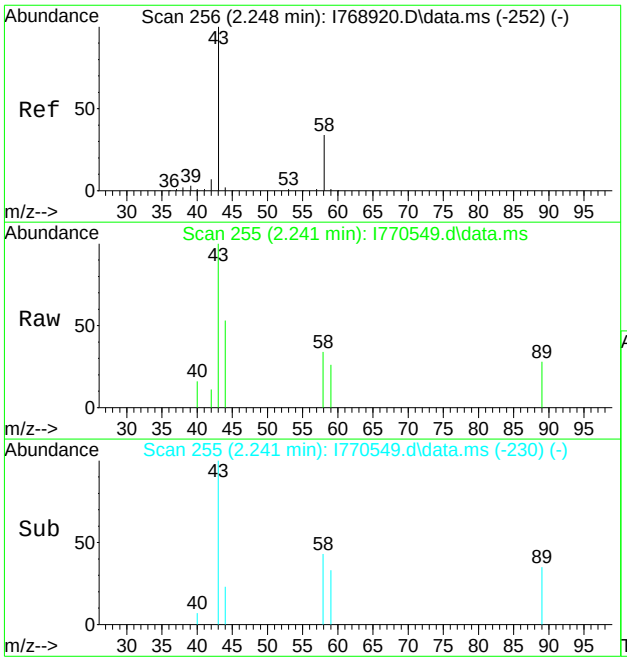
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770549.d
Acq On : 8 Apr 2025 12:03 pm
Operator : jeniferw
Sample : FC23706-7 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Apr 08 15:57:08 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

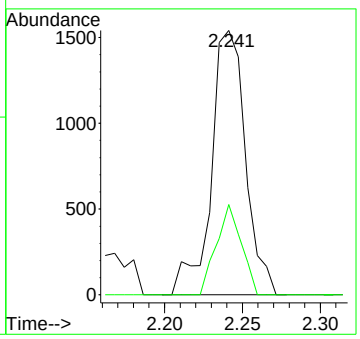




#19
Acetone
Concen: 3.3878 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I770549.d
Acq: 8 Apr 2025 12:03 pm

Tgt Ion: 43 Resp: 2354

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	60.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770540.d
Acq On : 8 Apr 2025 9:30 am
Operator : jeniferw
Sample : FC23706-8 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 08 15:48:40 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

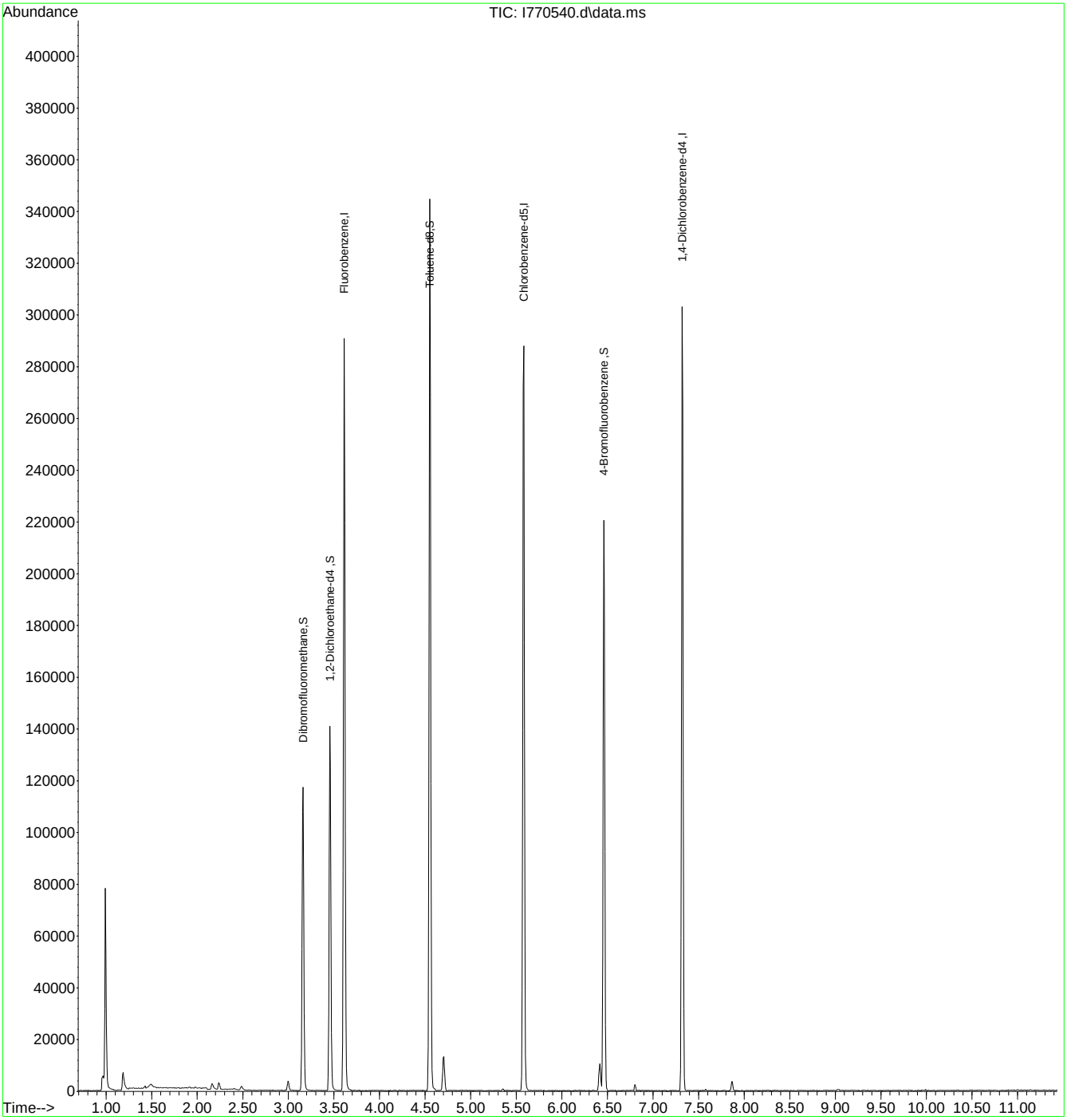
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.613	96	149503	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	104546	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.320	152	54191	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	45480	50.54	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 101.08%			
49) 1,2-Dichloroethane-d4			3.455	65	65952	52.74	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery = 105.48%			
63) Toluene-d8			4.552	98	138850	47.02	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery = 94.04%			
86) 4-Bromofluorobenzene			6.460	174	40939	50.96	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 101.92%			
Target Compounds								Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770540.d
Acq On : 8 Apr 2025 9:30 am
Operator : jeniferw
Sample : FC23706-8 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 08 15:48:40 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770550.d
Acq On : 8 Apr 2025 12:19 pm
Operator : jeniferw
Sample : FC23706-9 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 08 15:57:57 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

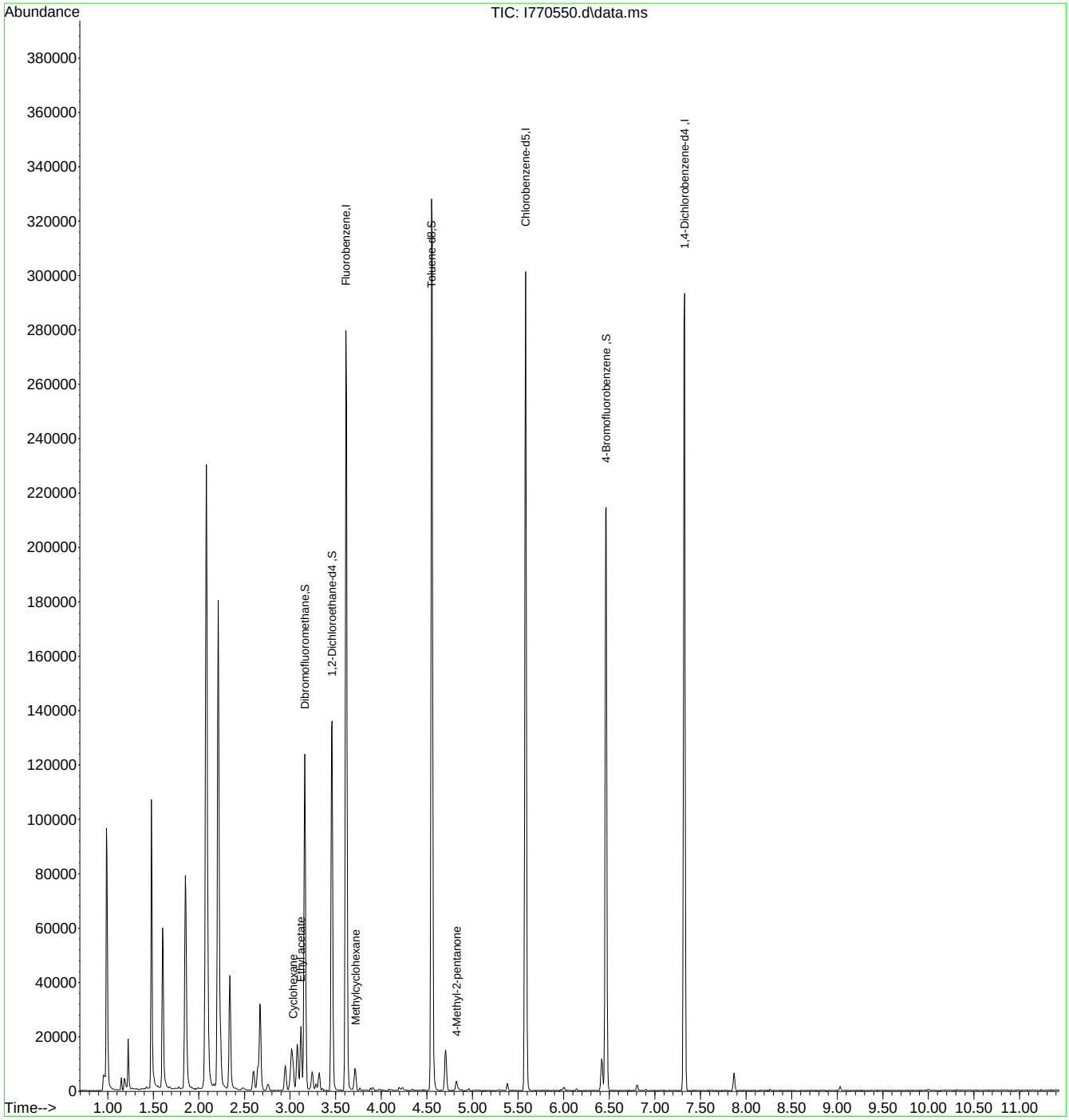
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.613	96	148893	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	106333	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	53914	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	45730	51.03	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	102.06%		
49) 1,2-Dichloroethane-d4			3.461	65	66438	53.35	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery =	106.70%		
63) Toluene-d8			4.552	98	139057	46.29	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery =	92.58%		
86) 4-Bromofluorobenzene			6.466	174	40356	50.49	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery =	100.98%		
Target Compounds								Qvalue
35) Cyclohexane			3.034	56	3762	2.9105	ug/L #	81
37) Ethyl acetate			3.119	43	7370	3.9090	ug/L	55
54) Methylcyclohexane			3.717	83	1650	2.1837	ug/L #	79
66) 4-Methyl-2-pentanone			4.826	43	2516	1.4583	ug/L	89

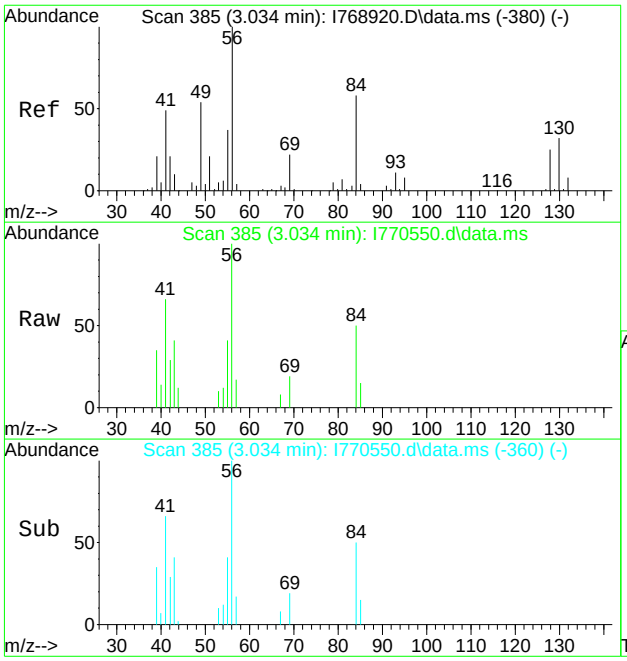
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770550.d
Acq On : 8 Apr 2025 12:19 pm
Operator : jeniferw
Sample : FC23706-9 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Apr 08 15:57:57 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

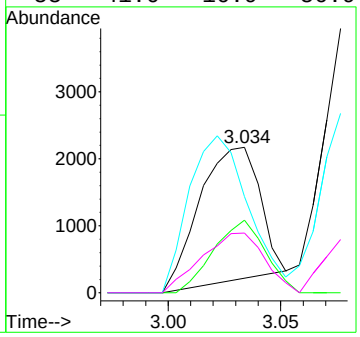


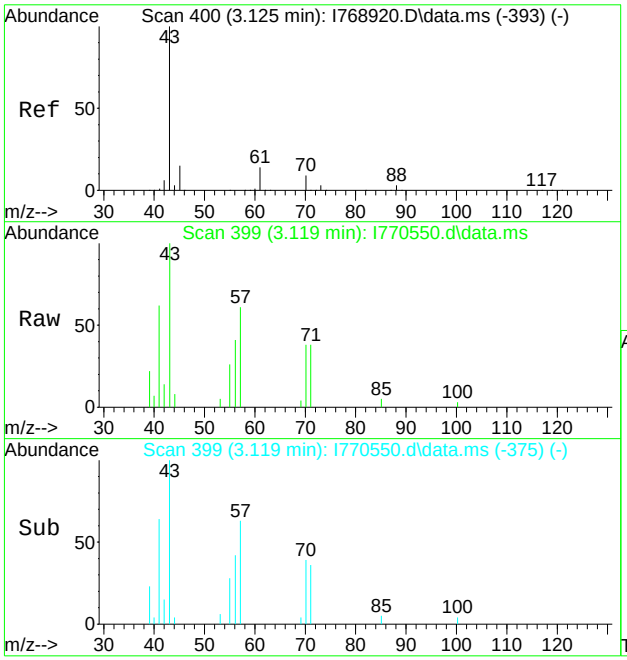


#35
Cyclohexane
Concen: 2.9105 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770550.d
Acq: 8 Apr 2025 12:19 pm

Tgt Ion: 56 Resp: 3762

Ion	Ratio	Lower	Upper
56	100		
84	49.8	56.7	96.7#
41	66.2	37.5	77.5
55	41.0	16.9	56.9

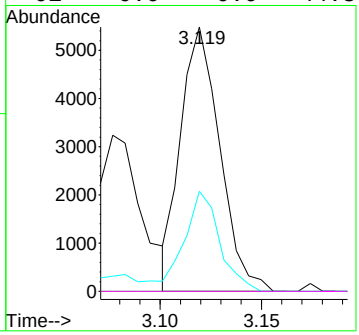


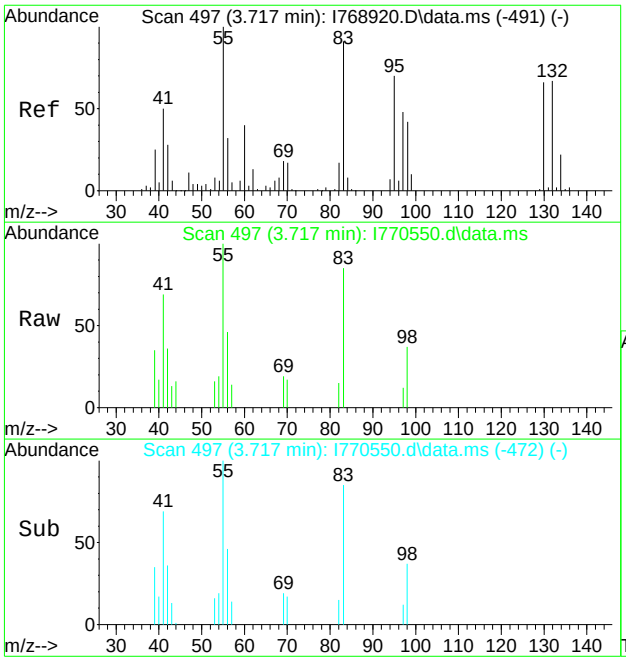


#37
Ethyl acetate
Concen: 3.9090 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.006 min
Lab File: I770550.d
Acq: 8 Apr 2025 12:19 pm

Tgt Ion: 43 Resp: 7370

Ion	Ratio	Lower	Upper
43	100		
45	0.0	0.0	44.8
70	37.8	0.0	40.6
61	0.0	0.0	44.3

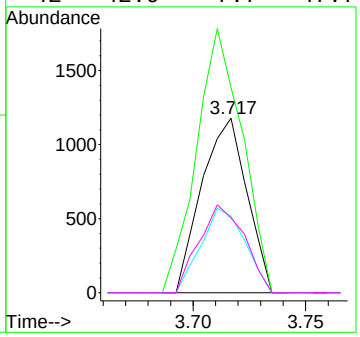


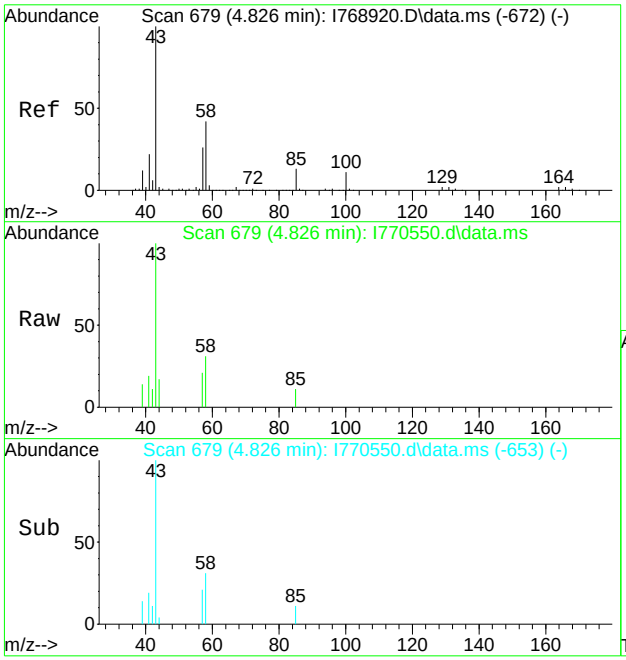


#54
Methylcyclohexane
Concen: 2.1837 ug/L
RT: 3.717 min Scan# 497
Delta R.T. -0.000 min
Lab File: I770550.d
Acq: 8 Apr 2025 12:19 pm

Tgt Ion: 83 Resp: 1650

Ion	Ratio	Lower	Upper
83	100		
55	117.6	70.4	110.4#
98	43.8	25.0	65.0
42	42.9	7.7	47.7

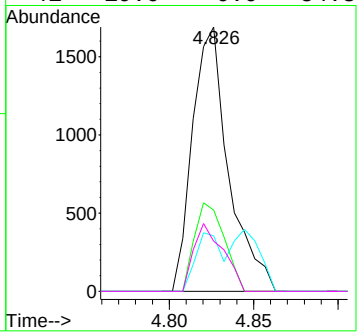




#66
4-Methyl-2-pentanone
Concen: 1.4583 ug/L
RT: 4.826 min Scan# 679
Delta R.T. 0.006 min
Lab File: I770550.d
Acq: 8 Apr 2025 12:19 pm

Tgt Ion: 43 Resp: 2516

Ion	Ratio	Lower	Upper
43	100		
58	30.7	8.5	68.5
57	21.0	0.0	55.2
41	19.0	0.0	54.3



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770551.d
Acq On : 8 Apr 2025 12:36 pm
Operator : jeniferw
Sample : FC23706-10 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 08 15:58:14 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

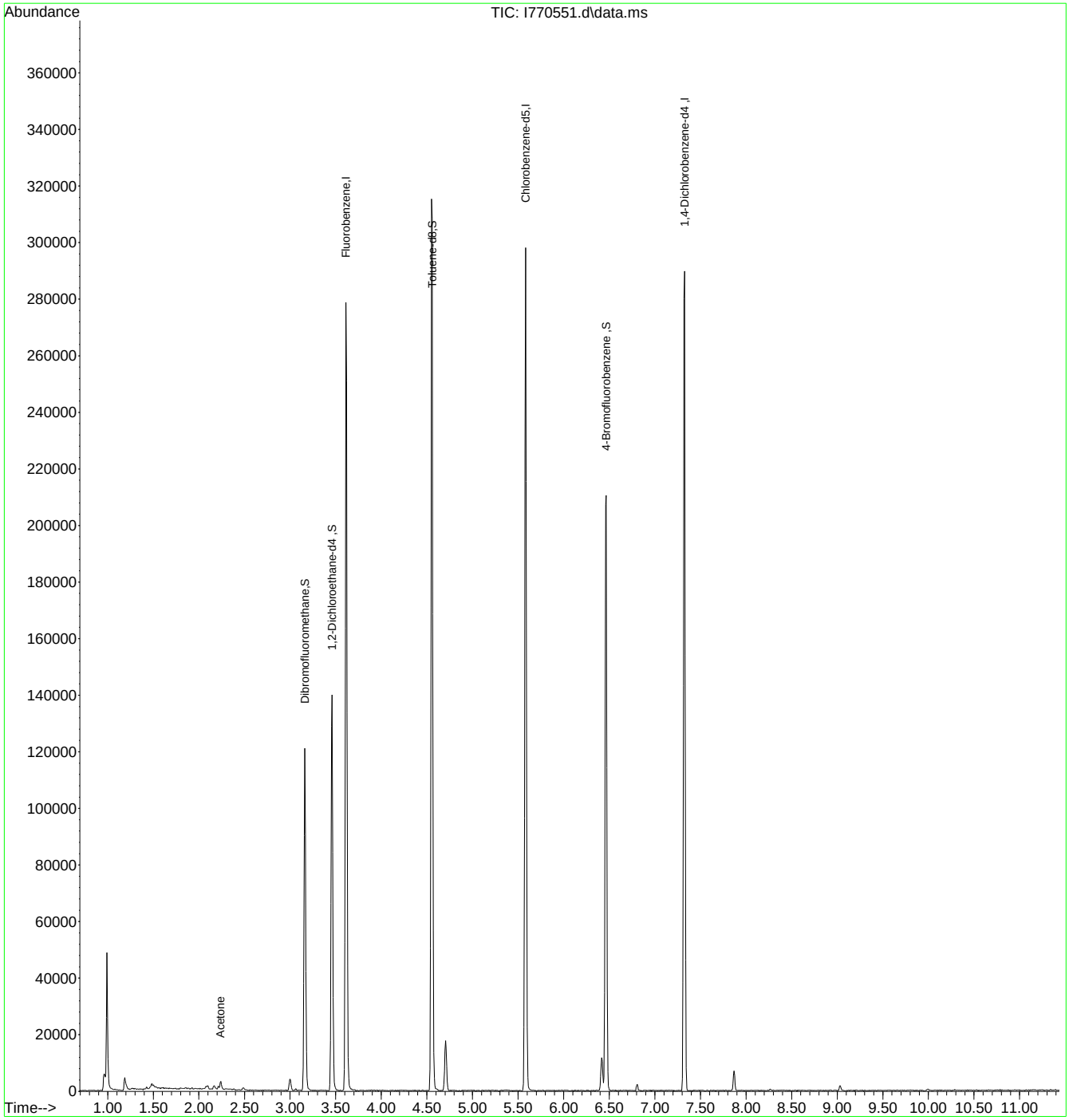
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	146471	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	103174	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	53801	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	45561	51.68	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.36%			
49) 1,2-Dichloroethane-d4	3.461	65	65594	53.54	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 107.08%			
63) Toluene-d8	4.558	98	135668	46.55	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.10%			
86) 4-Bromofluorobenzene	6.466	174	39797	49.90	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.80%			
Target Compounds						Qvalue
19) Acetone	2.235	43	1695	2.4662	ug/L	97

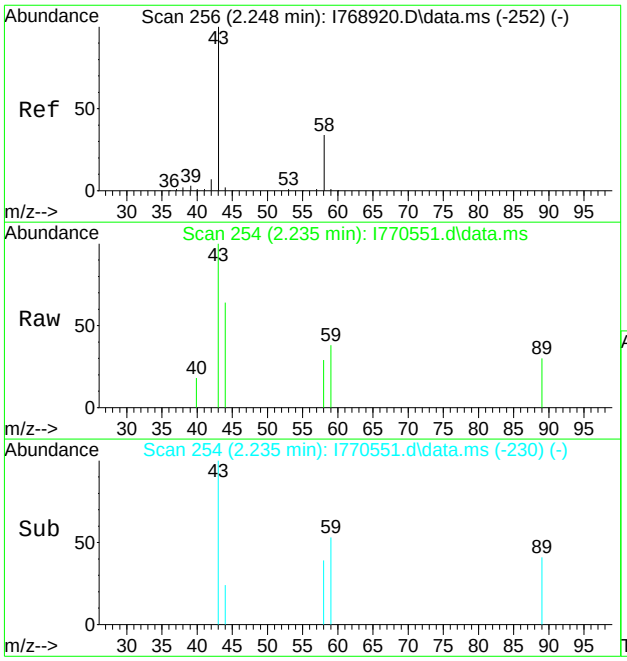
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770551.d
Acq On : 8 Apr 2025 12:36 pm
Operator : jeniferw
Sample : FC23706-10 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Apr 08 15:58:14 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

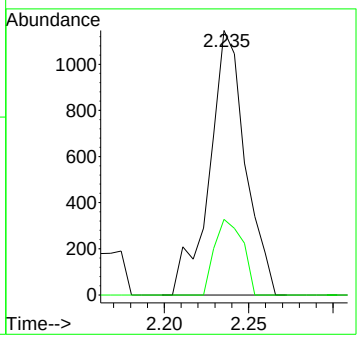




#19
Acetone
Concen: 2.4662 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I770551.d
Acq: 8 Apr 2025 12:36 pm

Tgt Ion: 43 Resp: 1695

Ion	Ratio	Lower	Upper
43	100		
58	28.5	0.0	60.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770552.d
Acq On : 8 Apr 2025 12:52 pm
Operator : jeniferw
Sample : FC23706-11 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 08 15:58:54 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

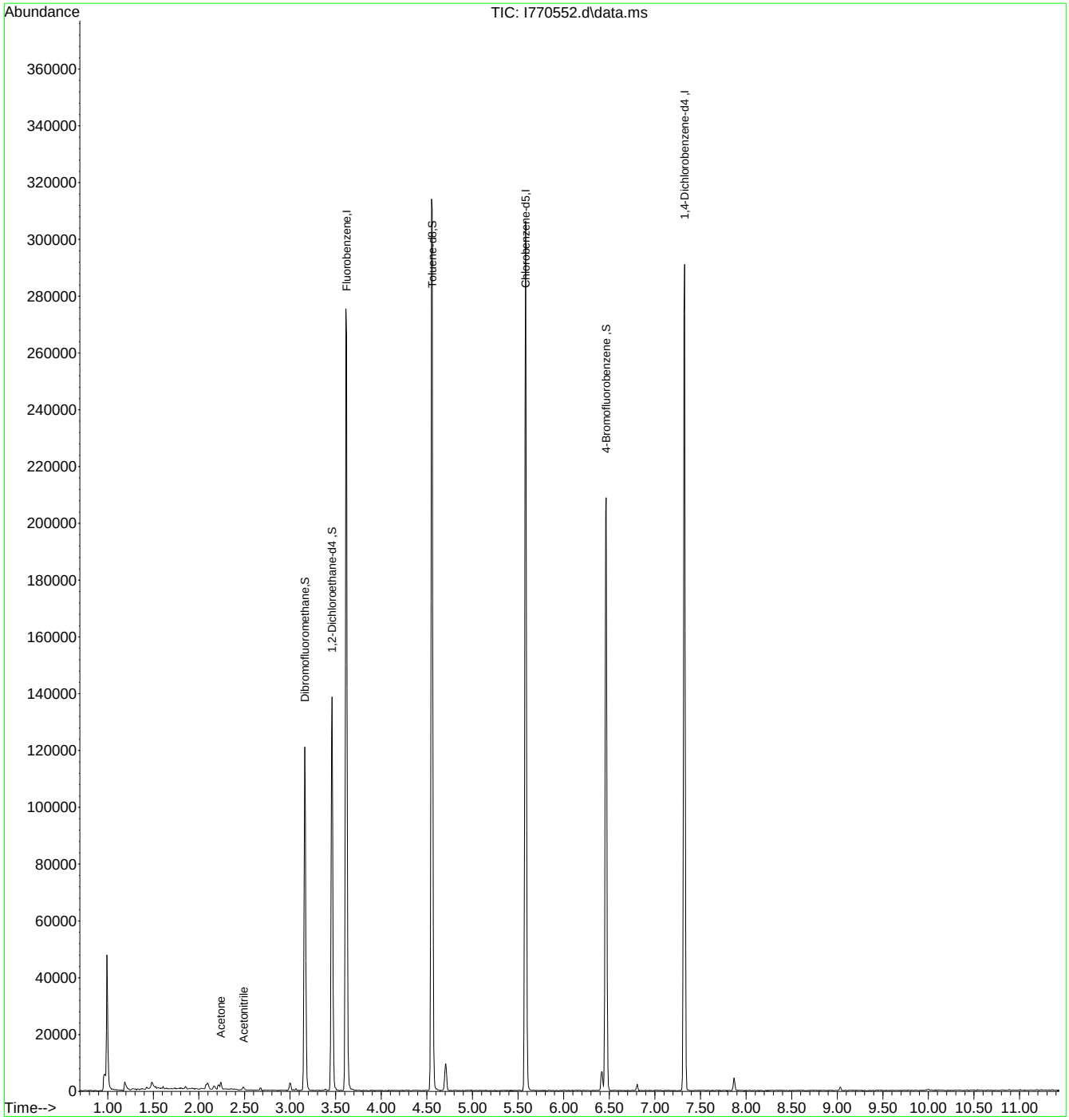
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.619	96	146348	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	105397	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	53704	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	45333	51.47	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 102.94%			
49) 1,2-Dichloroethane-d4			3.461	65	65574	53.57	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery = 107.14%			
63) Toluene-d8			4.558	98	136201	45.75	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery = 91.50%			
86) 4-Bromofluorobenzene			6.466	174	39886	50.10	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 100.20%			
Target Compounds								Qvalue
19) Acetone			2.241	43	1760	2.5631	ug/L	93
24) Acetonitrile			2.491	41	958	3.8099	ug/L	95

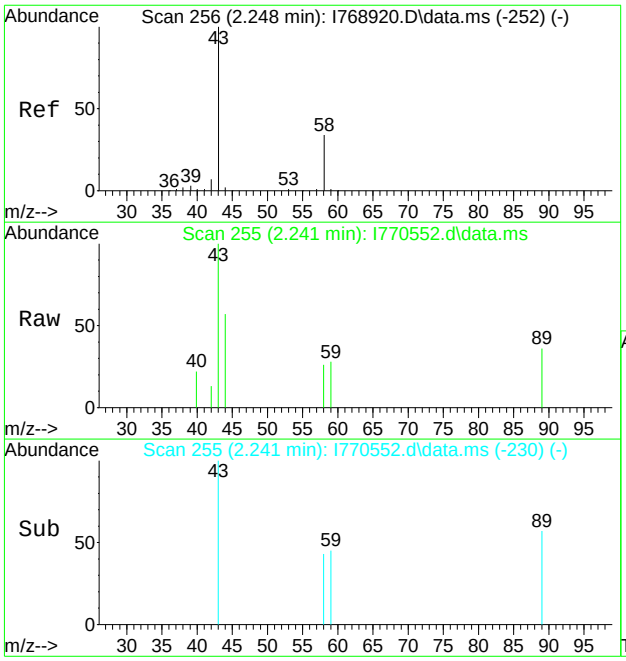
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770552.d
Acq On : 8 Apr 2025 12:52 pm
Operator : jeniferw
Sample : FC23706-11 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 08 15:58:54 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

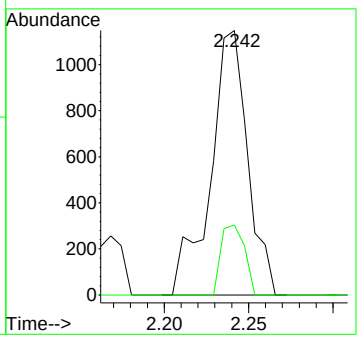


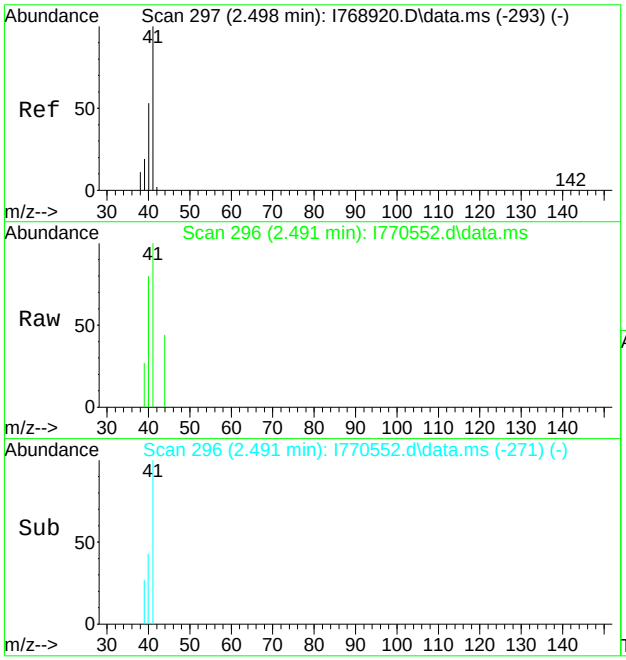


#19
Acetone
Concen: 2.5631 ug/L
RT: 2.241 min Scan# 255
Delta R.T. 0.000 min
Lab File: I770552.d
Acq: 8 Apr 2025 12:52 pm

Tgt Ion: 43 Resp: 1760

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	60.0

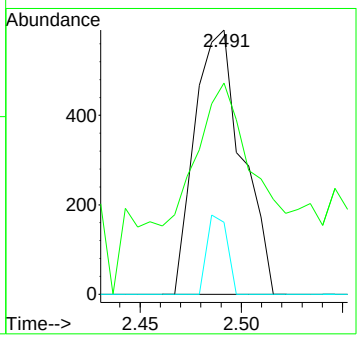




#24
Acetonitrile
Concen: 3.8099 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I770552.d
Acq: 8 Apr 2025 12:52 pm

Tgt Ion: 41 Resp: 958

Ion	Ratio	Lower	Upper
41	100		
40	54.0	35.0	75.0
39	27.2	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770555.d
Acq On : 8 Apr 2025 1:41 pm
Operator : jeniferw
Sample : FC23706-12 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 08 15:59:32 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

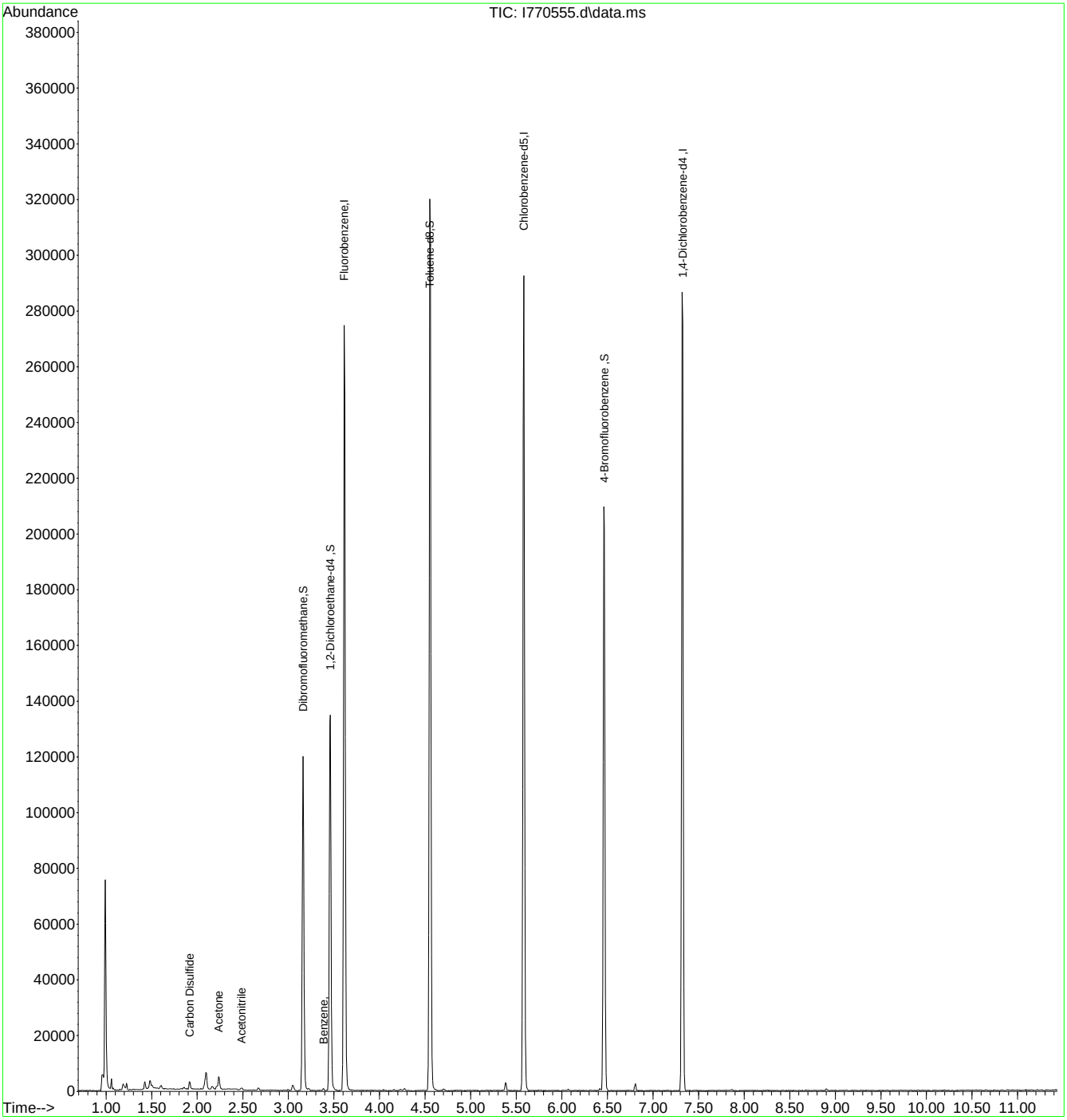
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.613	96	145365	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	103035	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	53000	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	45003	51.44	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 102.88%			
49) 1,2-Dichloroethane-d4			3.461	65	65746	54.07	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125			Recovery = 108.14%			
63) Toluene-d8			4.552	98	136166	46.78	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112			Recovery = 93.56%			
86) 4-Bromofluorobenzene			6.466	174	39061	49.72	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118			Recovery = 99.44%			
Target Compounds								Qvalue
14) Carbon Disulfide			1.918	76	2245	1.2213	ug/L	88
19) Acetone			2.235	43	4045	5.9390	ug/L	96
24) Acetonitrile			2.485	41	703	2.8143	ug/L	78
47) Benzene			3.388	78	583	0.2767	ug/L	60

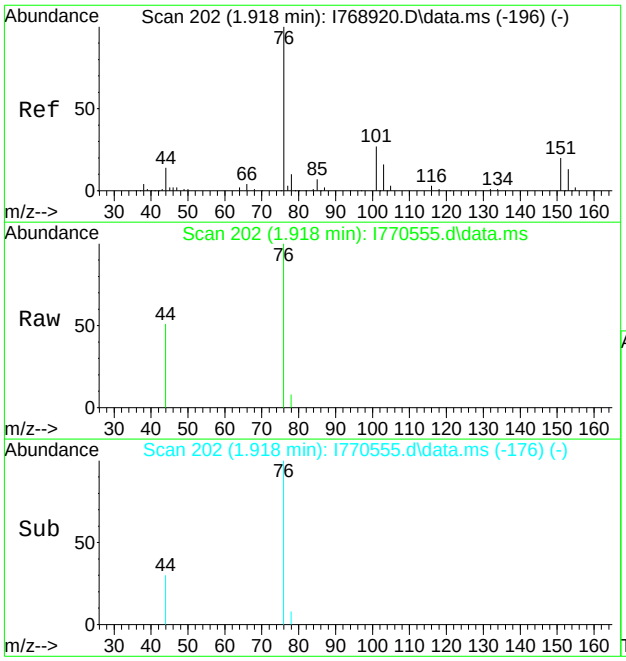
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770555.d
Acq On : 8 Apr 2025 1:41 pm
Operator : jeniferw
Sample : FC23706-12 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 08 15:59:32 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

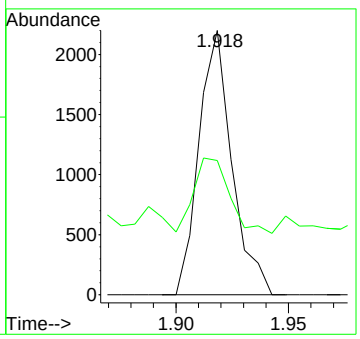


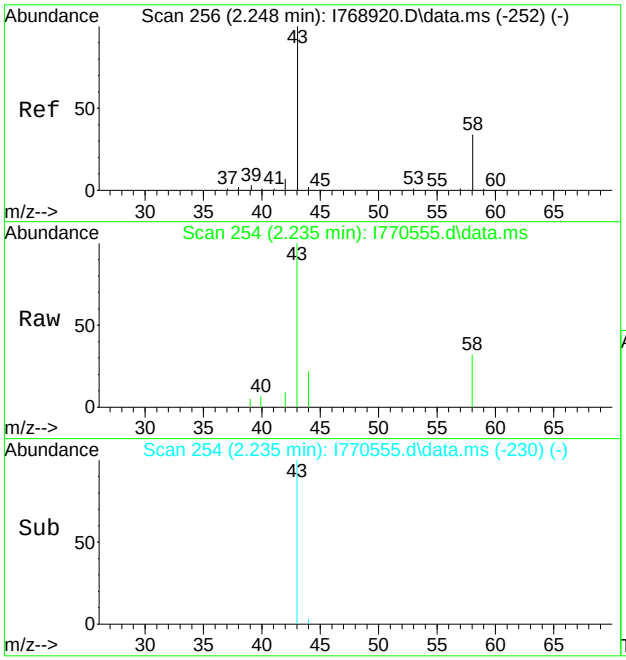


#14
Carbon Disulfide
Concen: 1.2213 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I770555.d
Acq: 8 Apr 2025 1:41 pm

Tgt Ion: 76 Resp: 2245

Ion	Ratio	Lower	Upper
76	100		
44	21.5	0.0	46.2

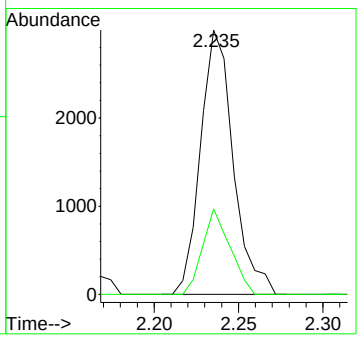


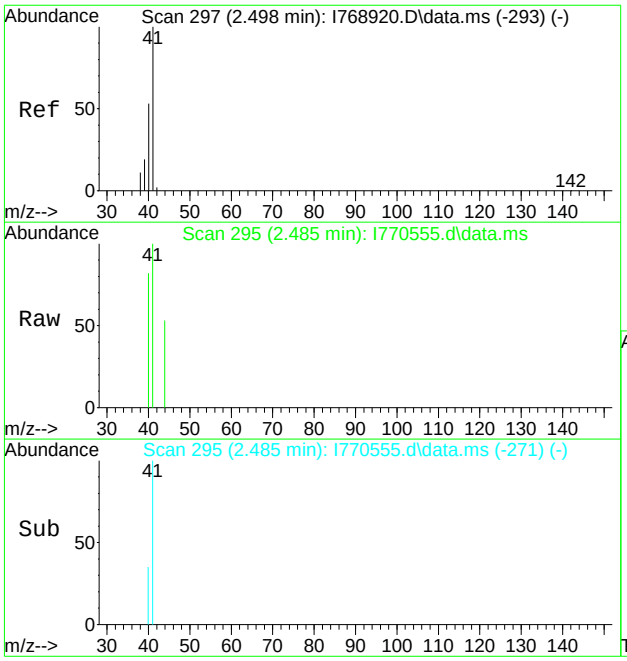


#19
Acetone
Concen: 5.9390 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I770555.d
Acq: 8 Apr 2025 1:41 pm

Tgt Ion: 43 Resp: 4045

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	60.0

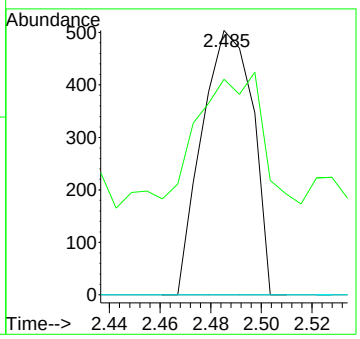


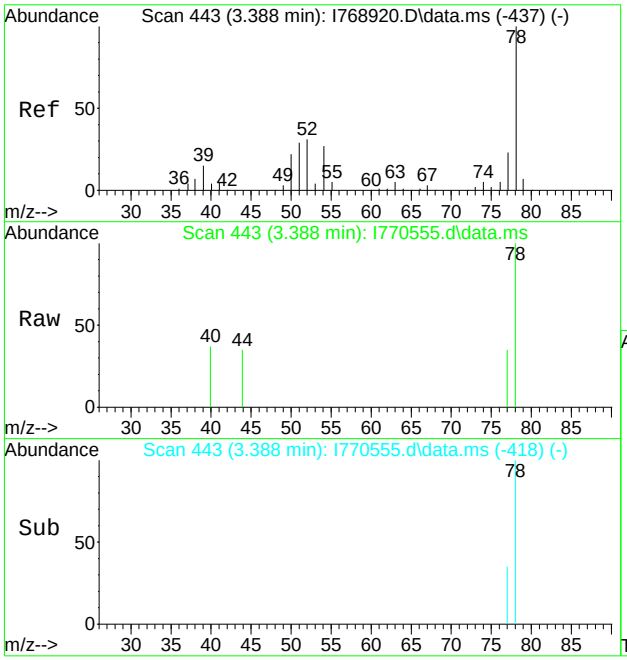


#24
Acetonitrile
Concen: 2.8143 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I770555.d
Acq: 8 Apr 2025 1:41 pm

Tgt Ion: 41 Resp: 703

Ion	Ratio	Lower	Upper
41	100		
40	45.2	35.0	75.0
39	0.0	0.0	40.0

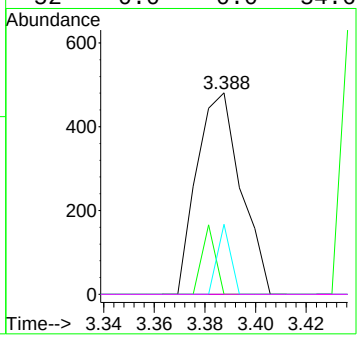




#47
Benzene
Concen: 0.2767 ug/L
RT: 3.388 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770555.d
Acq: 8 Apr 2025 1:41 pm

Tgt Ion: 78 Resp: 583

Ion	Ratio	Lower	Upper
78	100		
51	0.0	0.0	51.7
77	34.7	0.0	53.1
52	0.0	0.0	54.6



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770556.d
Acq On : 8 Apr 2025 1:57 pm
Operator : jeniferw
Sample : FC23706-13 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 08 15:59:50 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

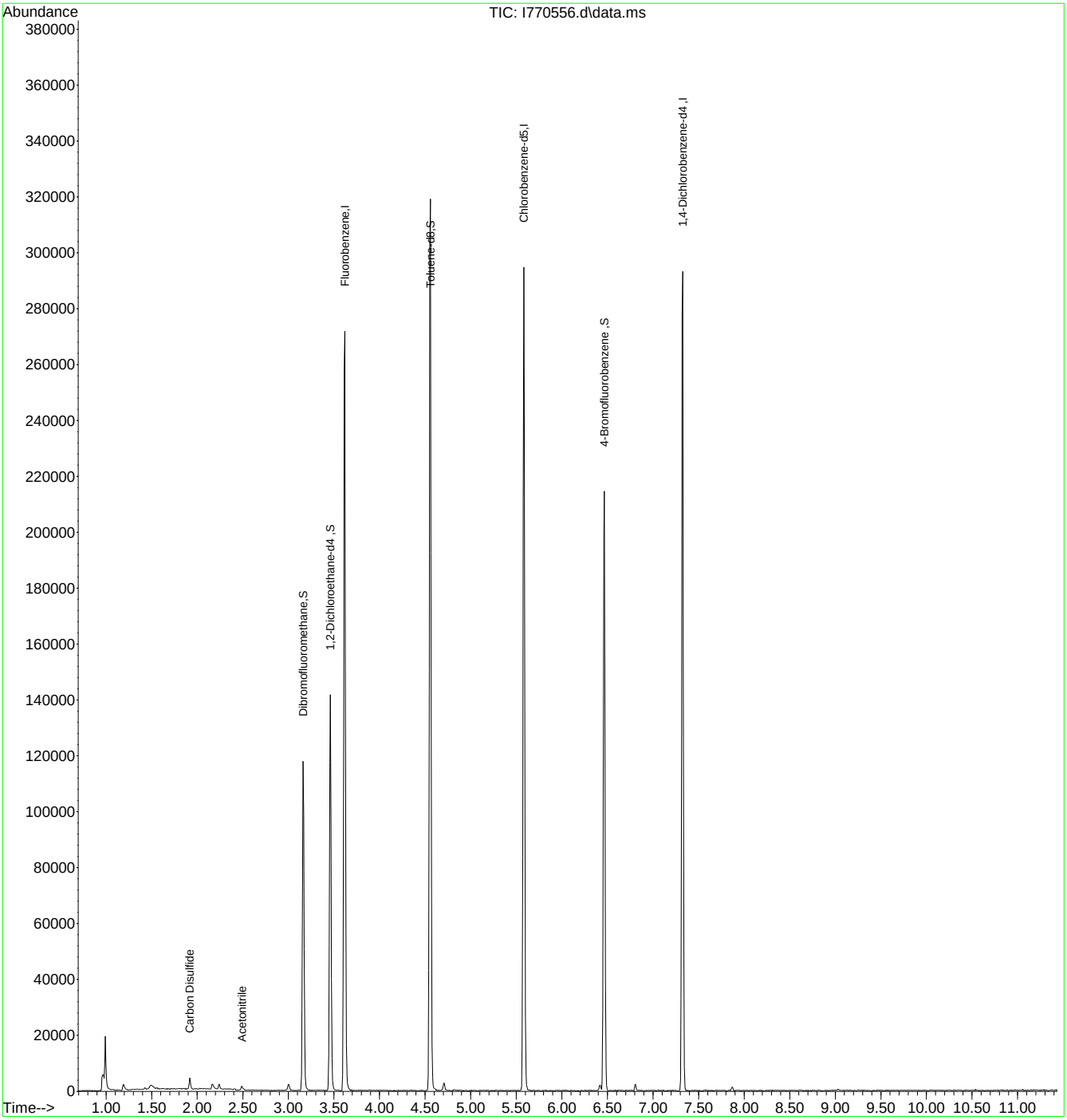
Compound			R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards								
1) Fluorobenzene			3.619	96	144271	50.00	ug/L	0.00
62) Chlorobenzene-d5			5.582	117	102713	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4			7.326	152	52783	50.00	ug/L	0.00
System Monitoring Compounds								
39) Dibromofluoromethane			3.162	113	44623	51.39	ug/L	0.00
Spiked Amount	50.000	Range	83 - 118		Recovery =	102.78%		
49) 1,2-Dichloroethane-d4			3.461	65	65418	54.21	ug/L	0.00
Spiked Amount	50.000	Range	79 - 125		Recovery =	108.42%		
63) Toluene-d8			4.558	98	138227	47.64	ug/L	0.00
Spiked Amount	50.000	Range	85 - 112		Recovery =	95.28%		
86) 4-Bromofluorobenzene			6.466	174	39438	50.40	ug/L	0.00
Spiked Amount	50.000	Range	83 - 118		Recovery =	100.80%		
Target Compounds								Qvalue
14) Carbon Disulfide			1.918	76	2688	1.4734	ug/L	98
24) Acetonitrile			2.491	41	1079	4.3532	ug/L	92

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

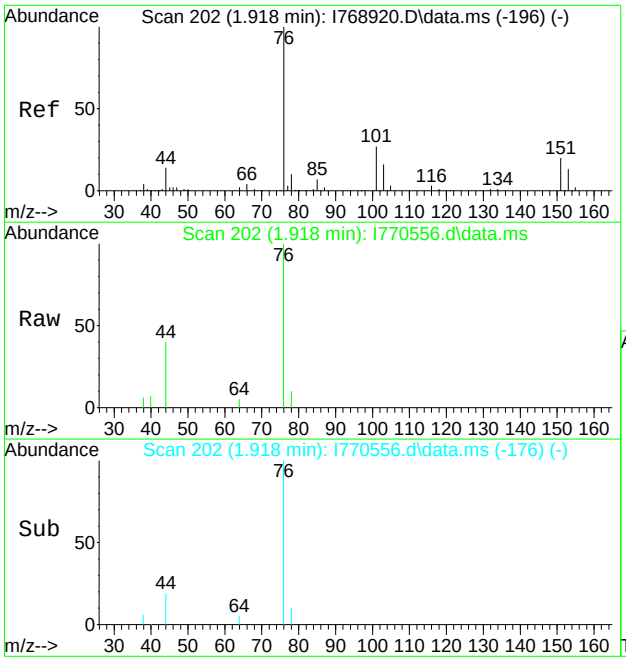
Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770556.d
Acq On : 8 Apr 2025 1:57 pm
Operator : jeniferw
Sample : FC23706-13 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 08 15:59:50 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



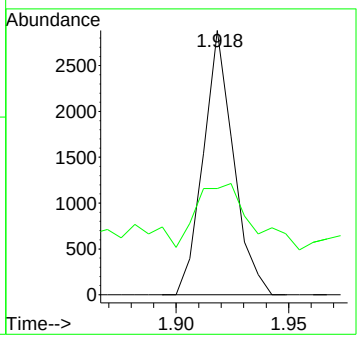
VI3517_03302025.M Tue Apr 08 16:08:58 2025 Page: 2

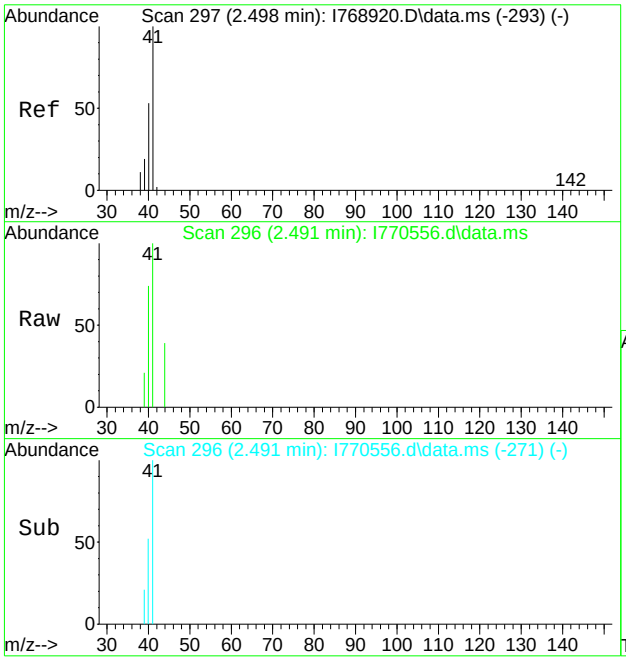


#14
Carbon Disulfide
Concen: 1.4734 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I770556.d
Acq: 8 Apr 2025 1:57 pm

Tgt Ion: 76 Resp: 2688

Ion	Ratio	Lower	Upper
76	100		
44	17.1	0.0	46.2

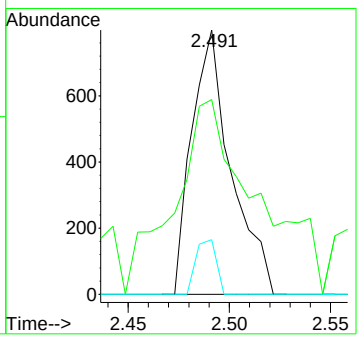




#24
Acetonitrile
Concen: 4.3532 ug/L
RT: 2.491 min Scan# 296
Delta R.T. -0.000 min
Lab File: I770556.d
Acq: 8 Apr 2025 1:57 pm

Tgt Ion: 41 Resp: 1079

Ion	Ratio	Lower	Upper
41	100		
40	47.7	35.0	75.0
39	20.7	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : C:\Users\orlando_organics\Desktop\GBS edit\
Data File : I770520.d
Acq On : 7 Apr 2025 1:04 pm
Operator : jeniferw
Sample : FC23706-14 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 07:12:27 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

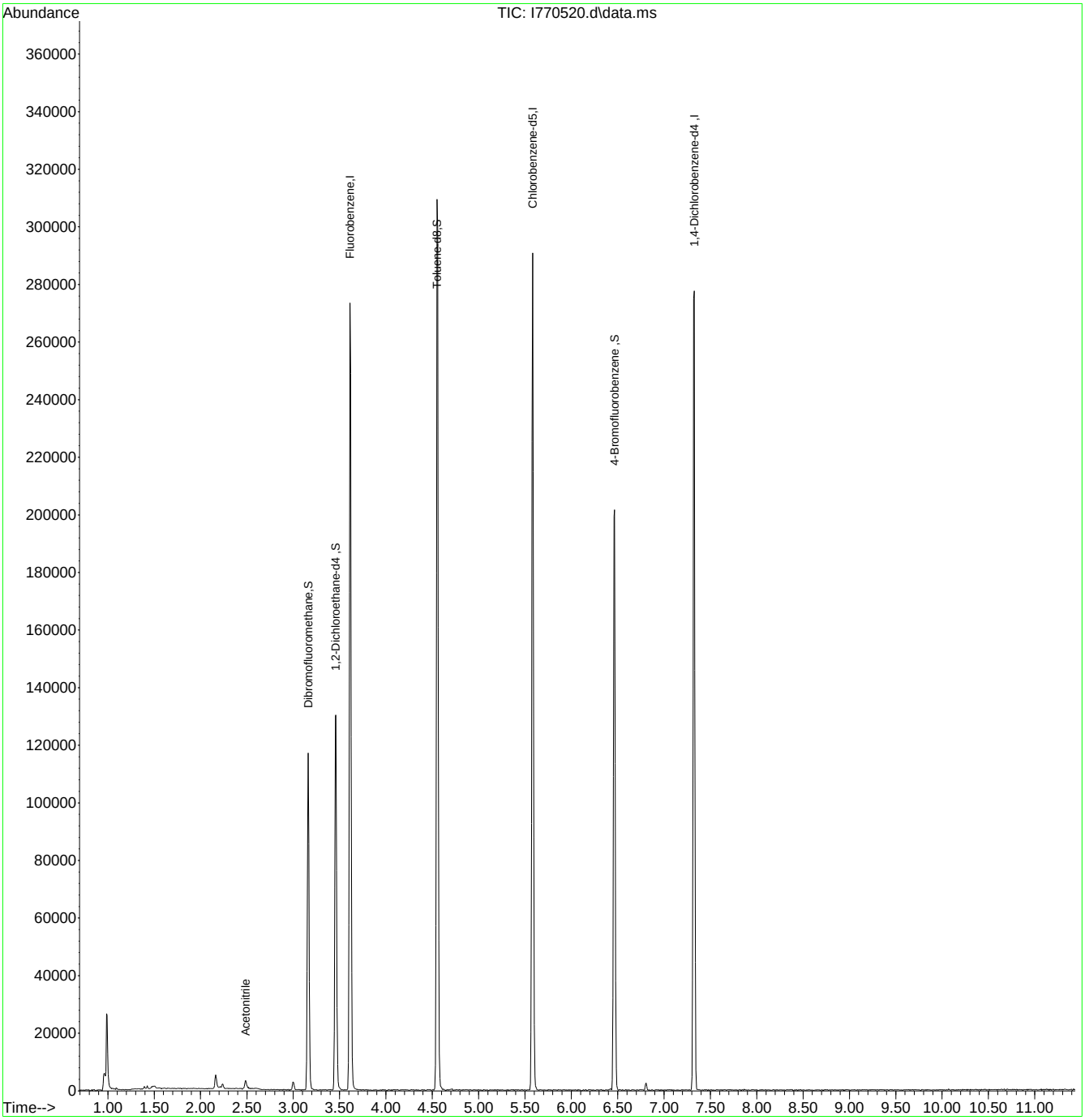
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	145513	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	100919	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	51471	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	44704	51.04	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.08%			
49) 1,2-Dichloroethane-d4	3.455	65	63423	52.11	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 104.22%			
63) Toluene-d8	4.552	98	135417	47.50	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.00%			
86) 4-Bromofluorobenzene	6.466	174	38927	51.02	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.04%			
Target Compounds						Qvalue
24) Acetonitrile	2.485	41	2358	9.44	ug/L	93

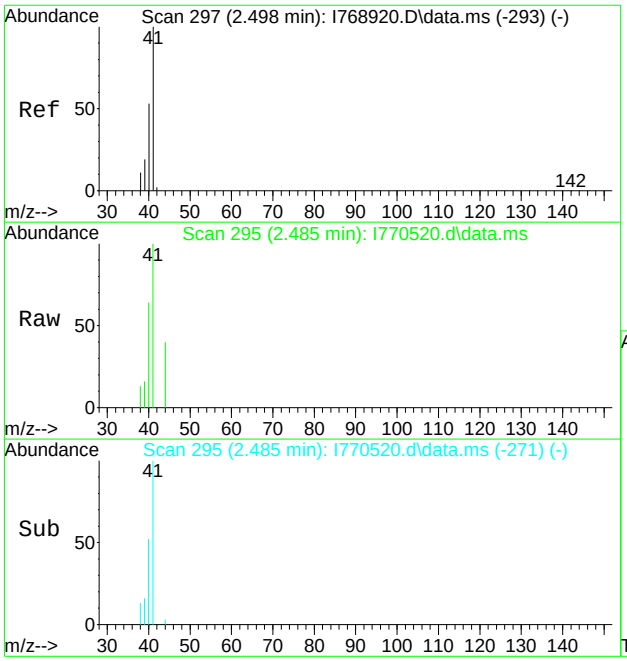
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : C:\Users\orlando_organics\Desktop\GBS edit\
Data File : I770520.d
Acq On : 7 Apr 2025 1:04 pm
Operator : jeniferw
Sample : FC23706-14 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 08 07:12:27 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

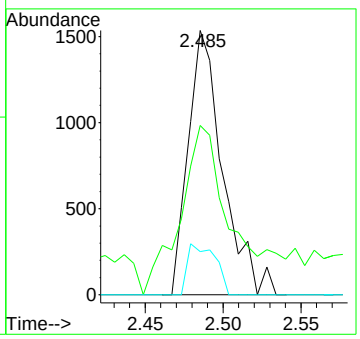




#24
Acetonitrile
Concen: 9.44 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I770520.d
Acq: 7 Apr 2025 1:04 pm

Tgt Ion: 41 Resp: 2358

Ion	Ratio	Lower	Upper
41	100		
40	50.6	35.0	75.0
39	16.3	0.0	40.0



Quantitation Report (QT/LSC Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770509.D
Acq On : 7 Apr 2025 9:47 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 07 10:10:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	149706	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	105085	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	54911	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	45499	50.50	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.00%			
49) 1,2-Dichloroethane-d4	3.461	65	66775	53.33	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 106.66%			
63) Toluene-d8	4.558	98	139663	47.05	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.10%			
86) 4-Bromofluorobenzene	6.466	174	42885	52.68	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 105.36%			

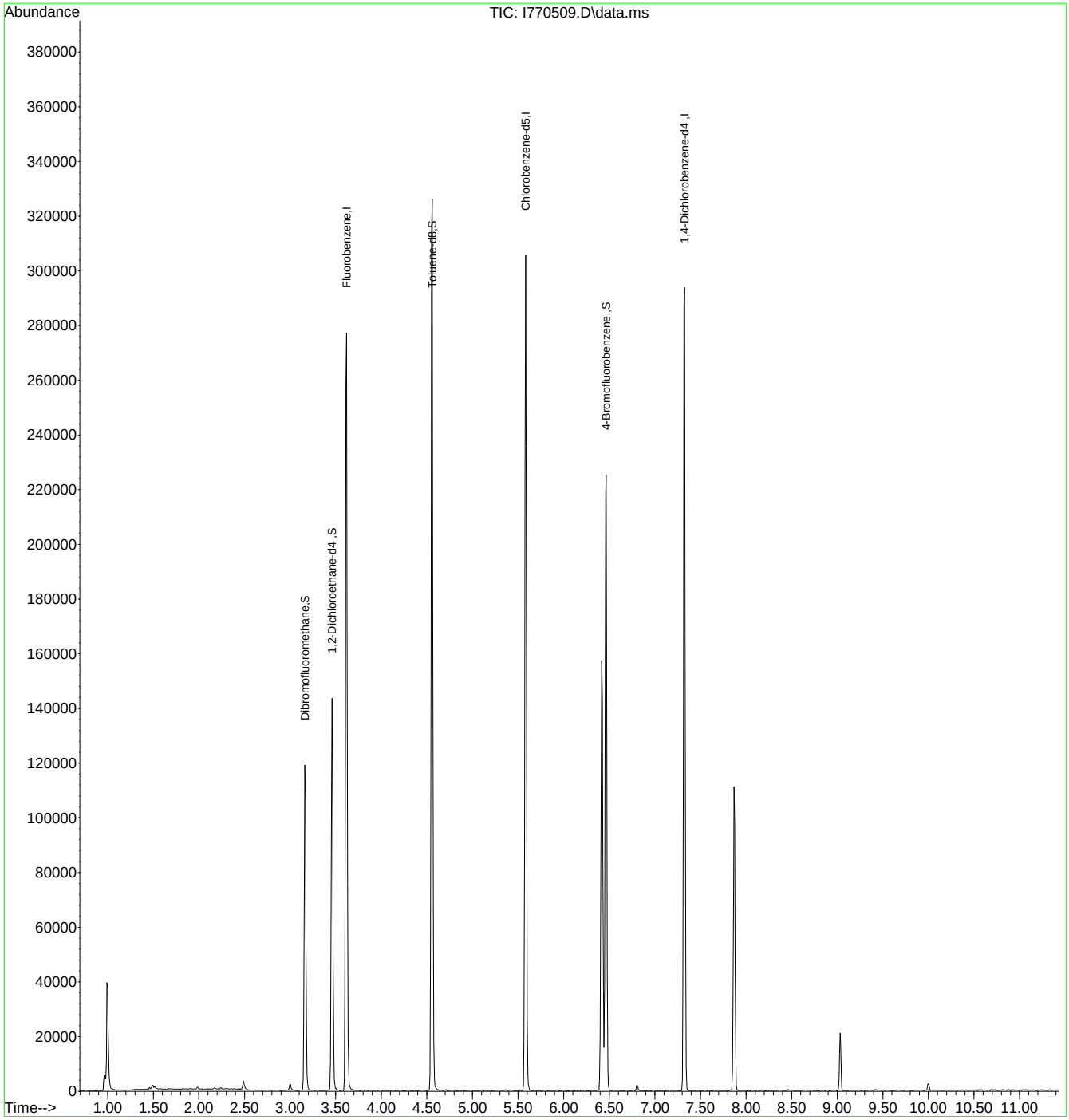
Target Compounds Qvalue

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

Quantitation Report (QT/LSC Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770509.D
Acq On : 7 Apr 2025 9:47 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 07 10:10:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770538.D
Acq On : 8 Apr 2025 8:47 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 09:55:23 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.613	96	150737	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.582	117	106090	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.326	152	54506	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.162	113	46592	51.36	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	102.72%		
49) 1,2-Dichloroethane-d4		3.461	65	68298	54.17	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125		Recovery =	108.34%		
63) Toluene-d8		4.552	98	142260	47.47	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112		Recovery =	94.94%		
86) 4-Bromofluorobenzene		6.466	174	43293	53.58	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	107.16%		

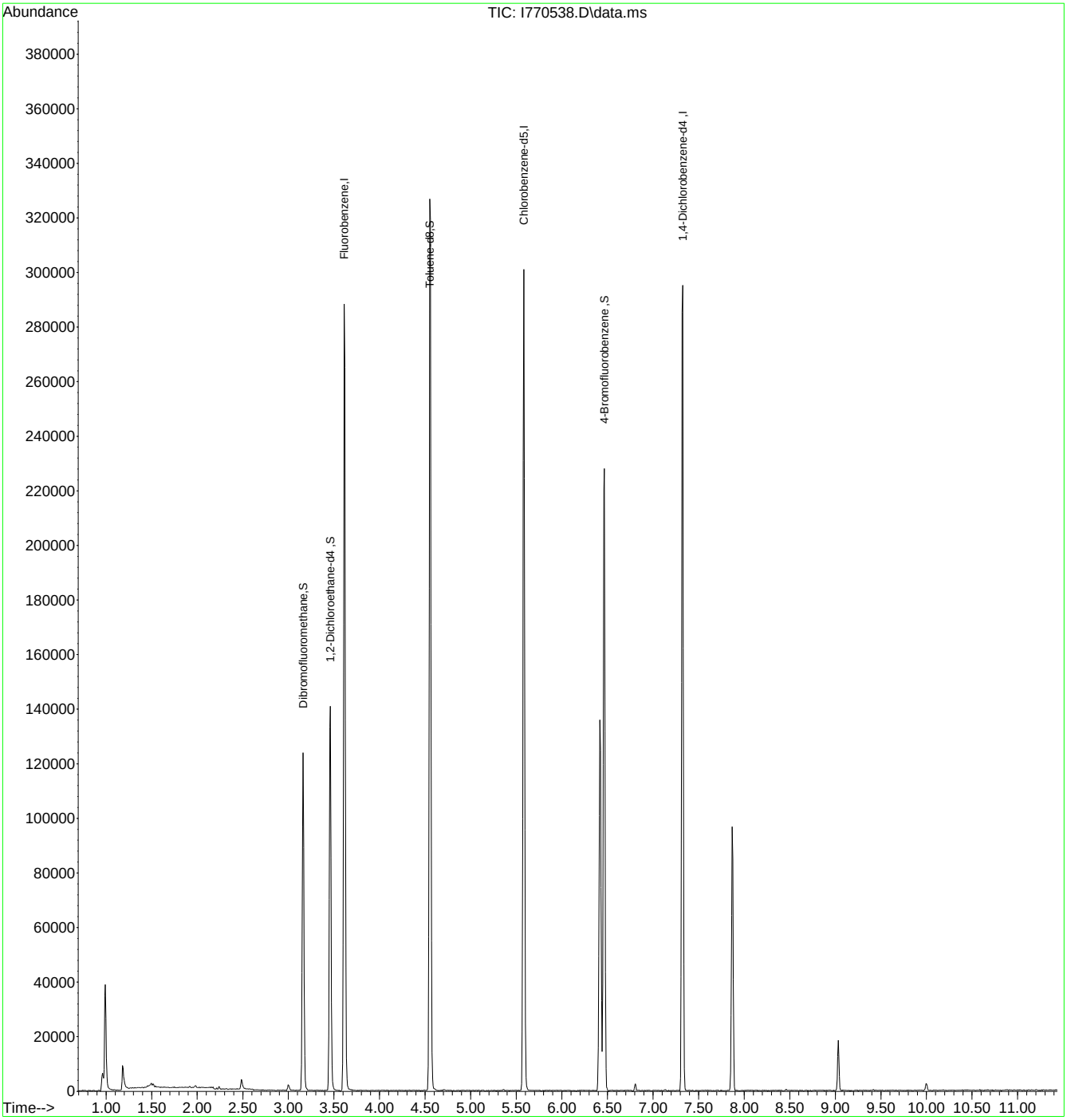
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770538.D
Acq On : 8 Apr 2025 8:47 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 09:55:23 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/08/25 08:53

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:44:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	154510	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	108434	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	58801	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	46942	50.48	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.96%				
49) 1,2-Dichloroethane-d4	3.455	65	66629	51.56	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 103.12%				
63) Toluene-d8	4.552	98	149028	48.65	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 97.30%				
86) 4-Bromofluorobenzene	6.466	174	43850	50.31	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	13895	20.36	ug/L		94
3) Chloromethane	1.211	50	18013	20.26	ug/L		98
4) 1,3-butadiene	1.272	39	20127	23.71	ug/L		97
5) Vinyl Chloride	1.260	62	15658	21.39	ug/L		93
6) Bromomethane	1.455	94	7656	21.32	ug/L		95
7) Chloroethane	1.522	64	8195	23.67	ug/L		94
8) Trichlorofluoromethane	1.601	101	21996	21.56	ug/L		98
9) Ethyl Ether	1.790	59	19620	23.58	ug/L		87
10) Ethanol	1.894	45	20919	603.06	ug/L		99
11) 1,2-Dichlorotrifluoroe...	1.888	67	17656	22.86	ug/L		97
12) 1,1-Dichloroethene	1.894	61	26701	20.44	ug/L		92
13) Freon 113	1.912	101	15047	25.27	ug/L		94
14) Carbon Disulfide	1.912	76	44028	22.53	ug/L		84
15) Iodomethane	1.979	142	13350	21.94	ug/L		92
16) Acrolein	2.083	56	29669	92.23	ug/L		99
17) Allyl chloride	2.150	41	32514	22.29	ug/L		90
18) Methylene Chloride	2.211	49	34748	23.58	ug/L		78
19) Acetone	2.241	43	85545	124.40	ug/L		94
20) Methyl acetate	2.302	43	216715	122.45	ug/L		92
21) trans-1,2-Dichloroethene	2.296	61	26452	21.88	ug/L		91
22) Hexane	2.339	56	17834	23.06	ug/L	#	76
23) Methyl Tert Butyl Ether	2.357	73	50969	24.43	ug/L		65
24) Acetonitrile	2.491	41	77193m	304.09	ug/L		
25) Tert Butyl Alcohol	2.412	59	111907	260.83	ug/L		80
26) Di-isopropyl ether	2.558	45	81187	26.22	ug/L		93
27) Chloroprene	2.656	53	91481	25.22	ug/L		82
28) 1,1-Dichloroethane	2.626	63	29953	22.82	ug/L		99
29) Acrylonitrile	2.656	52	73206	124.69	ug/L	#	67
30) ETBE	2.754	59	62440	23.74	ug/L		92
31) Vinyl acetate	2.754	43	320722	118.64	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	13538	23.28	ug/L		86
33) 2,2-Dichloropropane	2.979	77	22429	23.15	ug/L		98
34) Bromochloromethane	3.028	128	6839	23.43	ug/L	#	68
35) Cyclohexane	3.028	56	31514	23.49	ug/L	#	86
36) Chloroform	3.058	83	26681	22.73	ug/L		92
37) Ethyl acetate	3.119	43	230276	117.70	ug/L		94
38) Tetrahydrofuran	3.156	42	17494	22.16	ug/L		90
40) Carbon Tetrachloride	3.144	117	21230m	23.00	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	22994	23.27	ug/L		96
42) 2-Butanone	3.229	43	136944	116.75	ug/L		87
43) 1,1-Dichloropropene	3.247	75	17892	25.02	ug/L		94
44) tert-Butyl formate	3.302	59	119130	139.77	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:44:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.394	54	81906	264.75	ug/L	#	35
46)	Methacrylonitrile	3.406	41	239965	249.46	ug/L		96
47)	Benzene	3.381	78	48061	21.46	ug/L		76
48)	TAME	3.442	73	38457	21.88	ug/L	#	78
50)	1,2-Dichloroethane	3.497	62	26934	23.34	ug/L		93
51)	Isobutyl Alcohol	3.442	43	17283	438.94	ug/L		72
52)	Tert Amyl Alcohol	3.552	59	84604	260.01	ug/L		87
53)	Trichloroethene	3.711	95	13696	21.83	ug/L		97
54)	Methylcyclohexane	3.711	83	18761	23.93	ug/L	#	73
55)	Dibromomethane	3.955	93	10519	23.46	ug/L		94
56)	1,2-Dichloropropane	4.015	63	16020	22.85	ug/L		90
57)	Bromodichloromethane	4.052	83	20544	23.07	ug/L	#	96
58)	Methyl methacrylate	4.137	41	25578	23.82	ug/L		86
59)	1,4-Dioxane	4.180	88	9605	583.32	ug/L		72
60)	2-Chloroethyl vinyl ether	4.393	63	74187	125.14	ug/L		85
61)	cis-1,3-Dichloropropene	4.436	75	22345	22.73	ug/L		88
64)	Toluene	4.589	91	50696	22.15	ug/L		97
65)	2-Nitropropane	4.729	41	63676	132.18	ug/L		98
66)	4-Methyl-2-pentanone	4.820	43	224962	127.86	ug/L		95
67)	trans-1,3-Dichloropropene	4.845	75	22815	23.13	ug/L		90
68)	Tetrachloroethene	4.838	166	13673	23.95	ug/L		90
69)	Ethyl methacrylate	4.948	69	20149	25.04	ug/L	#	73
70)	1,1,2-Trichloroethane	4.954	83	11243	23.45	ug/L		83
71)	Dibromochloromethane	5.070	129	16452	23.76	ug/L		99
72)	1,3-Dichloropropane	5.131	76	21836	22.65	ug/L		81
73)	1,2-Dibromoethane	5.235	107	14599	22.56	ug/L		96
74)	3,3-Dimethyl-1-Butanol	5.357	57	481014	1434.65	ug/L		83
75)	2-hexanone	5.375	43	272495	133.51	ug/L		97
76)	1-Chlorohexane	5.576	91	18357m	24.04	ug/L		
77)	Ethylbenzene	5.613	91	58654m	22.89	ug/L		
78)	Chlorobenzene	5.594	112	34645	22.91	ug/L		94
79)	1,1,1,2-Tetrachloroethane	5.637	131	13984	22.90	ug/L		97
80)	m,p-Xylene	5.716	91	90146	45.27	ug/L		98
81)	o-Xylene	6.021	91	44763	23.41	ug/L		99
82)	Styrene	6.058	104	34045	23.74	ug/L		90
83)	Bromoform	6.076	173	12138	23.49	ug/L		97
84)	Isopropylbenzene	6.253	105	54781	24.34	ug/L		97
87)	cis-1,4-Dichloro-2-butene	6.509	53	13056	24.96	ug/L	#	74
88)	n-Propylbenzene	6.564	91	65468	23.97	ug/L		98
89)	Bromobenzene	6.539	156	15140	23.93	ug/L		91
90)	1,1,2,2-Tetrachloroethane	6.613	83	20703	22.06	ug/L		94
91)	1,3,5-Trimethylbenzene	6.716	105	45869	24.80	ug/L		97
92)	2-Chlorotoluene	6.680	91	36850	24.16	ug/L		97
93)	trans-1,4-Dichloro-2-B...	6.753	53	11934	25.02	ug/L	#	75
94)	1,2,3-Trichloropropane	6.716	110	7412	24.26	ug/L		92
95)	Cyclohexanone	6.747	55	22435	223.05	ug/L		90
96)	4-Chlorotoluene	6.808	91	42175	24.30	ug/L		94
97)	tert-Butylbenzene	6.966	91	26029	24.87	ug/L		91
98)	1,2,4-Trimethylbenzene	7.021	105	46255	24.29	ug/L		95
99)	Pentachloroethane	6.978	167	9389	26.00	ug/L	#	1
100)	sec-Butylbenzene	7.106	105	49756	23.56	ug/L		99
101)	4-Isopropyltoluene	7.216	119	42548	24.21	ug/L		98
102)	1,3-Dichlorobenzene	7.265	146	27657	24.35	ug/L		99
103)	1,2,3-Trimethylbenzene	7.356	105	47313	24.77	ug/L		100
104)	1,4-Dichlorobenzene	7.332	146	28971	24.03	ug/L		93
105)	n-Butylbenzene	7.539	92	24891	25.47	ug/L		87
106)	Benzyl Chloride	7.521	126	8900	25.52	ug/L	#	88
107)	1,2-Dichlorobenzene	7.649	146	26288	24.27	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:44:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

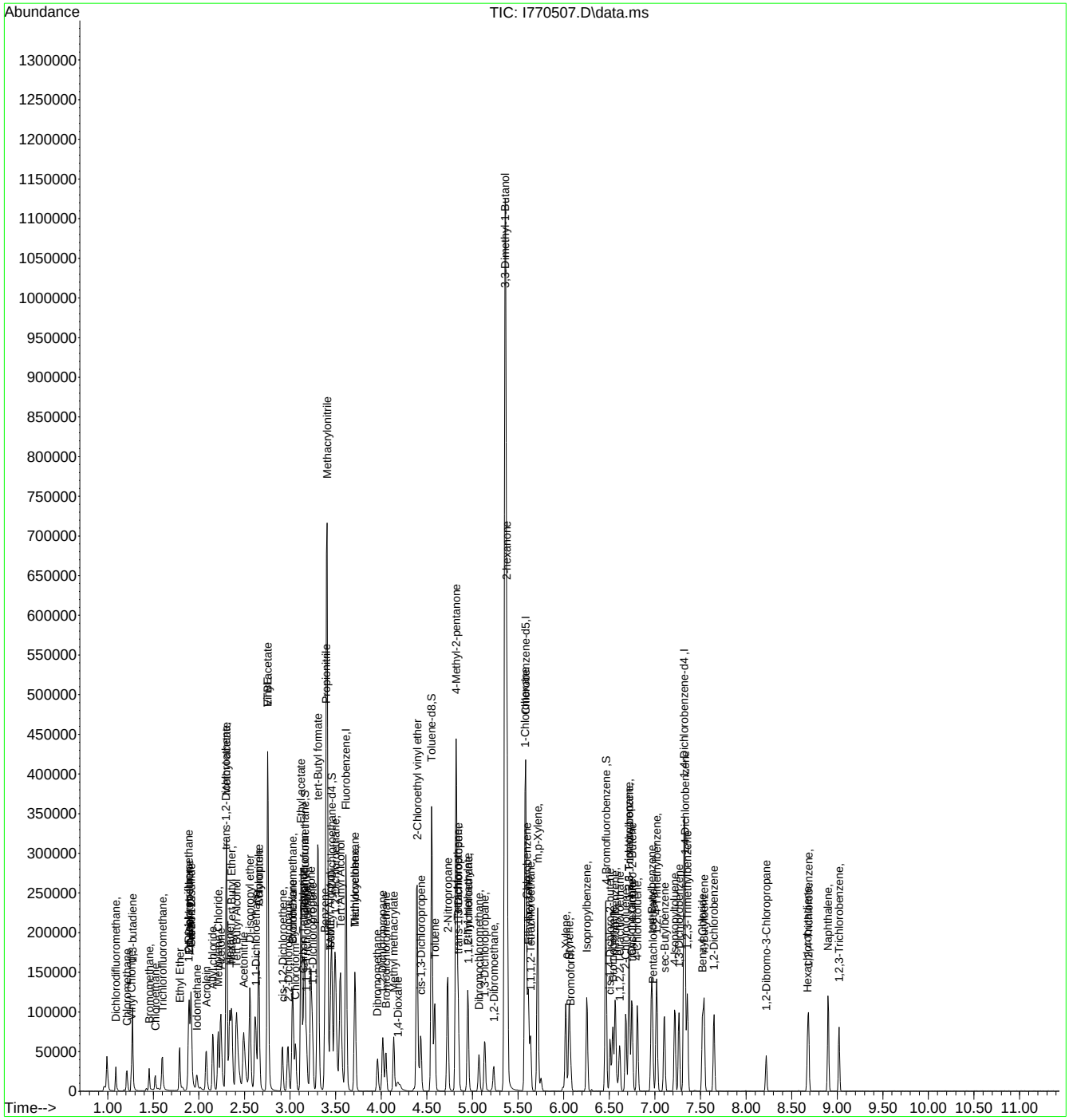
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	7262	24.00	ug/L	91
109) Hexachlorobutadiene	8.673	225	6148	25.32	ug/L	82
110) 1,2,4-Trichlorobenzene	8.685	180	14411	24.22	ug/L	95
111) Naphthalene	8.899	128	55374	25.51	ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	14133	25.64	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:44:27 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

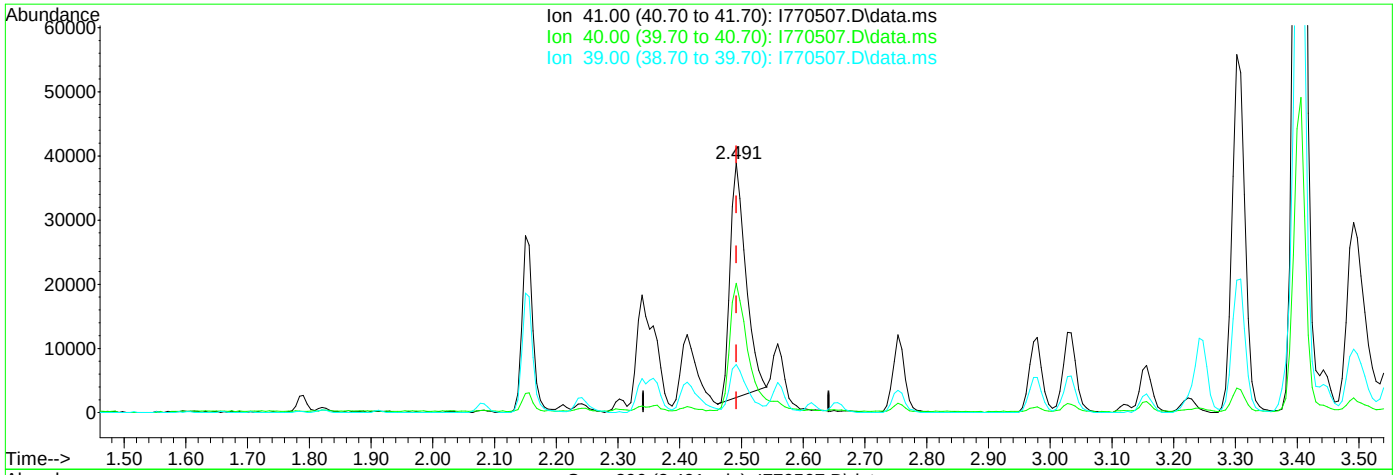
Sample Number: VI3525-BS
Lab FileID: I770507.D
Injection Time: 04/07/25 09:14
Method: SW846 8260D
Analyst approved: 04/07/25 09:46 Jenifer Willis
Supervisor approved: 04/08/25 08:53 Neil Christiana

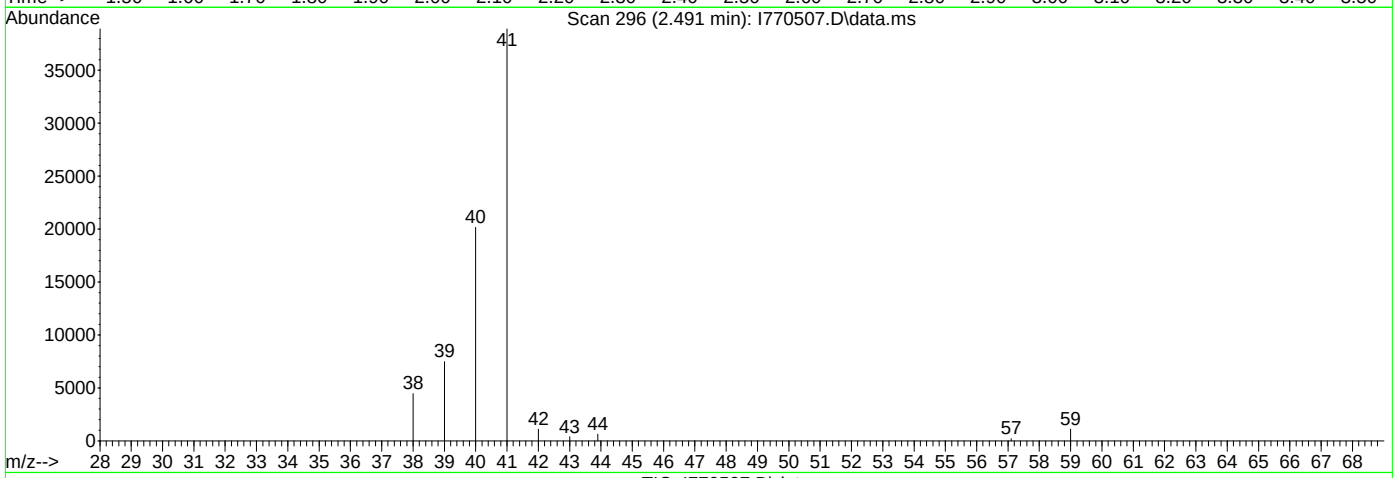
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 252.35ug/L

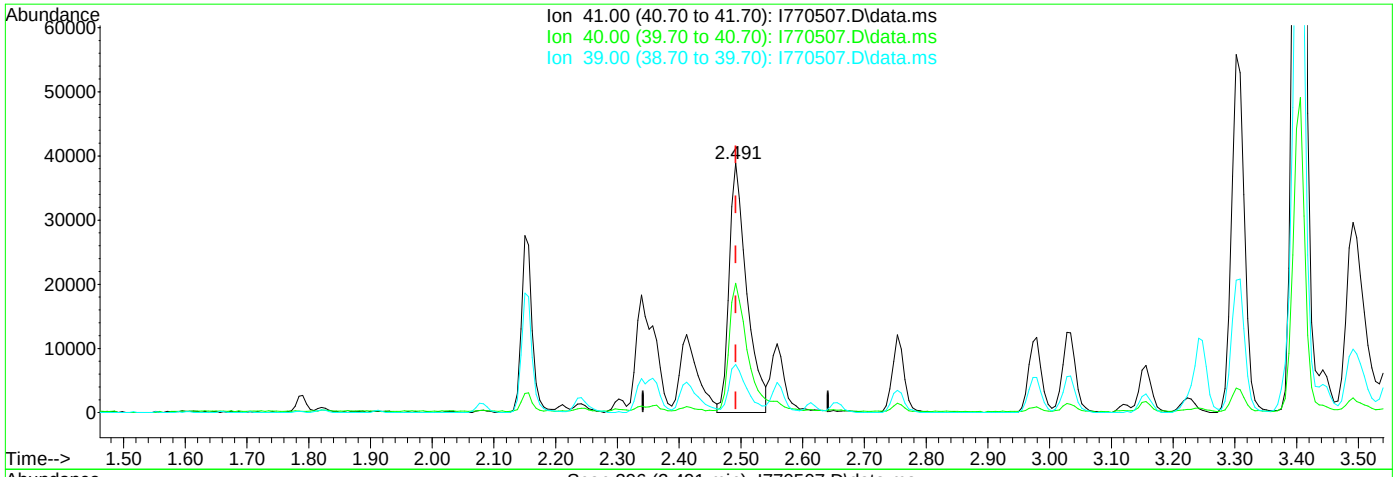
response 64564

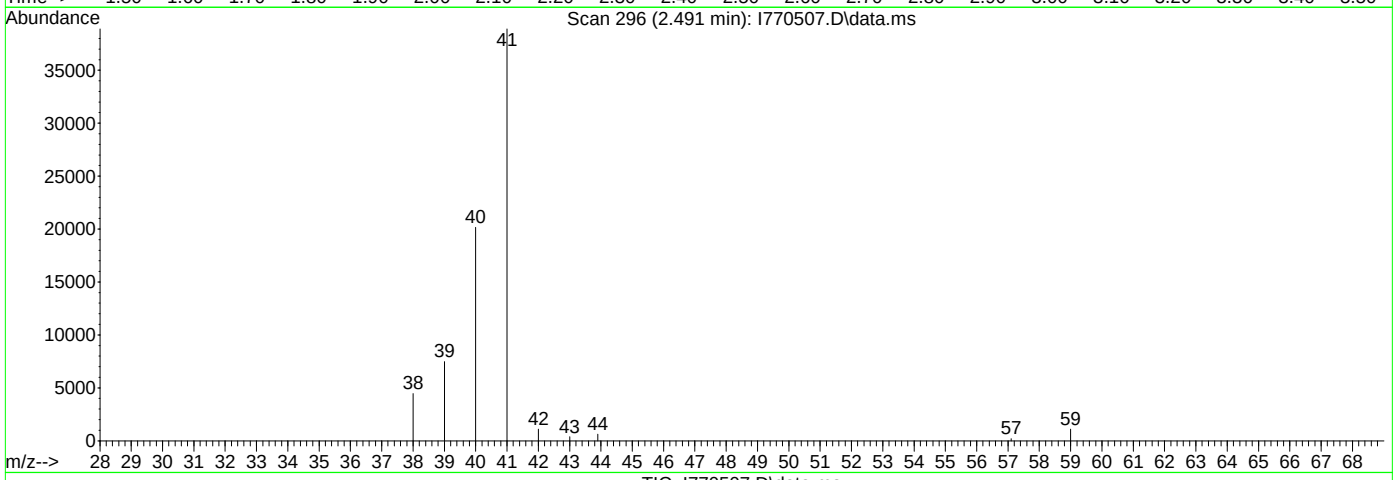
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.58
39.00	20.00	18.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 304.09ug/L m

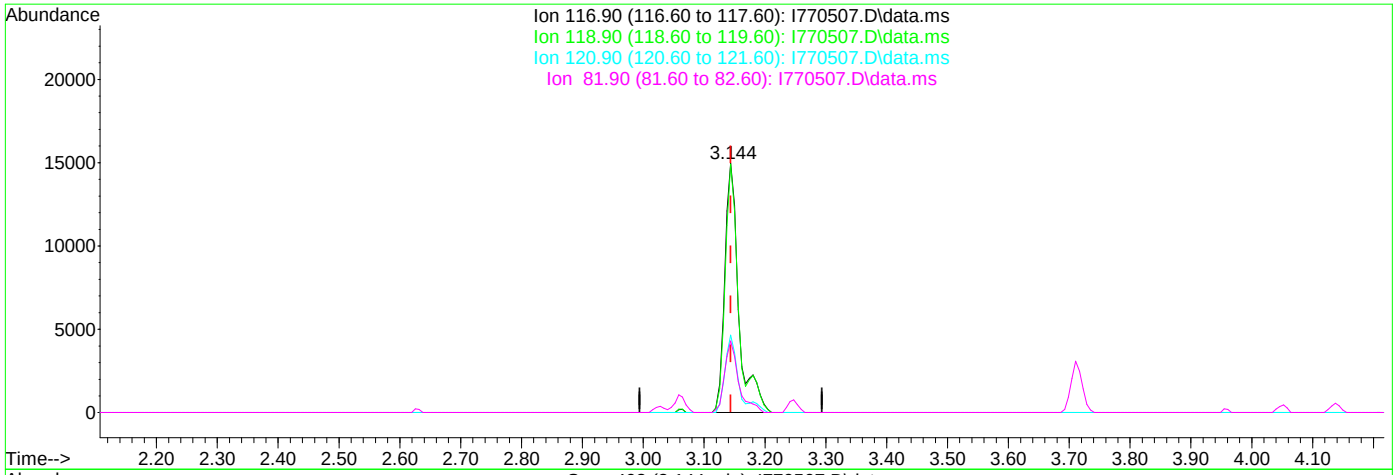
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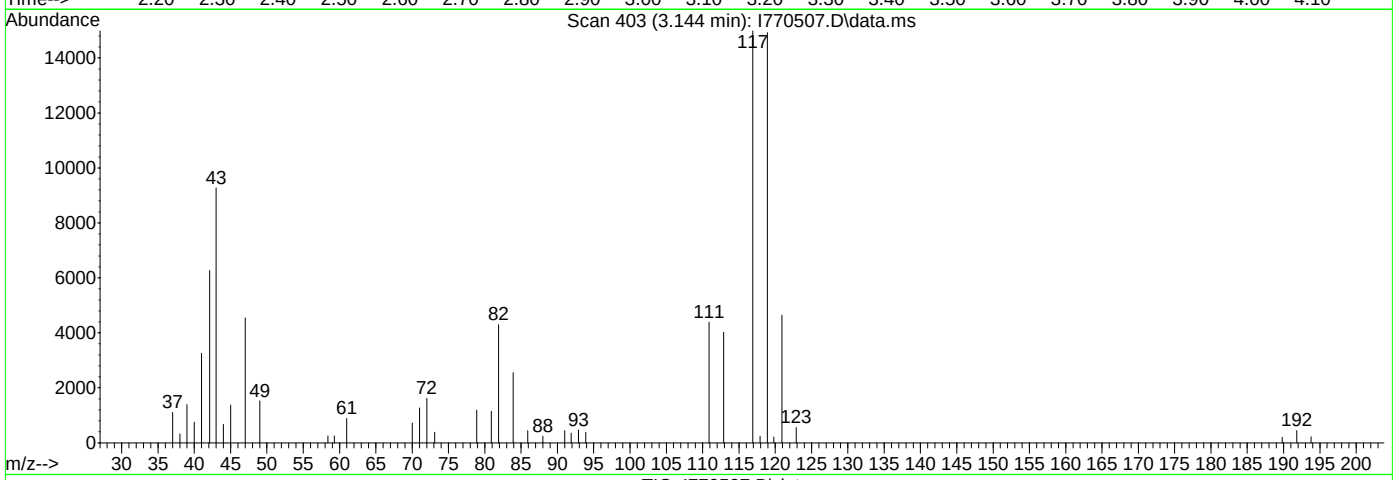
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	51.79
39.00	20.00	19.24
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 26.12ug/L

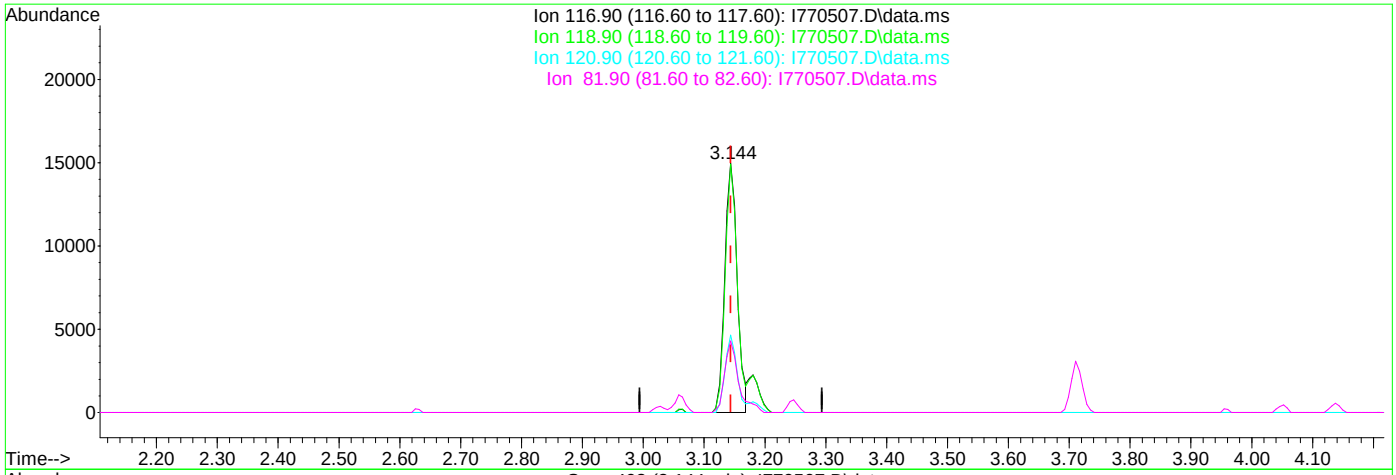
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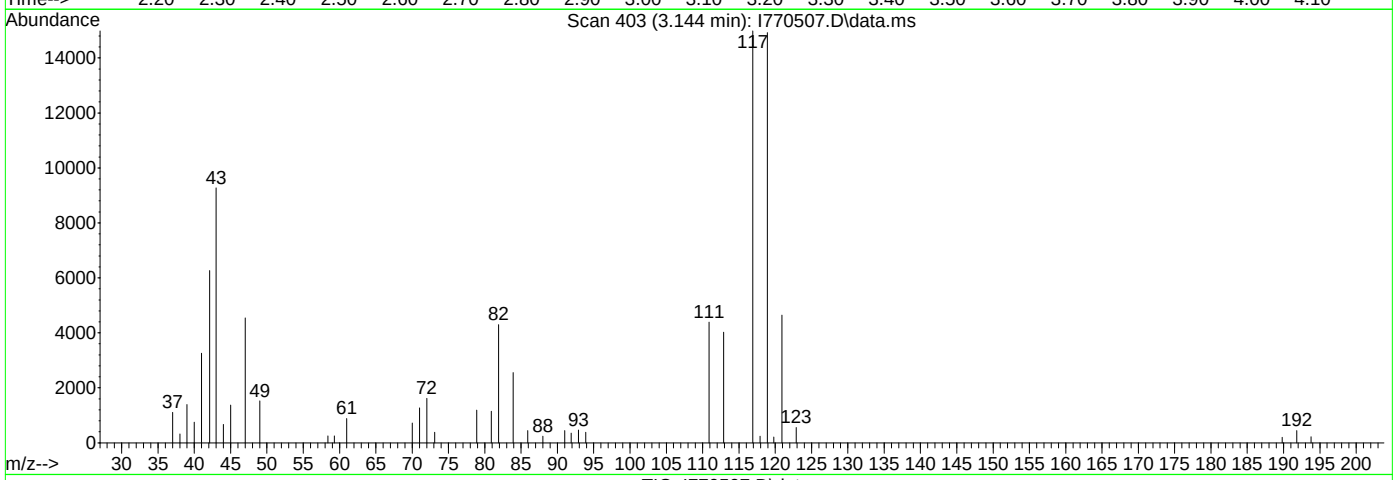
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	99.53
120.90	29.40	31.00
81.90	25.70	28.68

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 23.00ug/L m

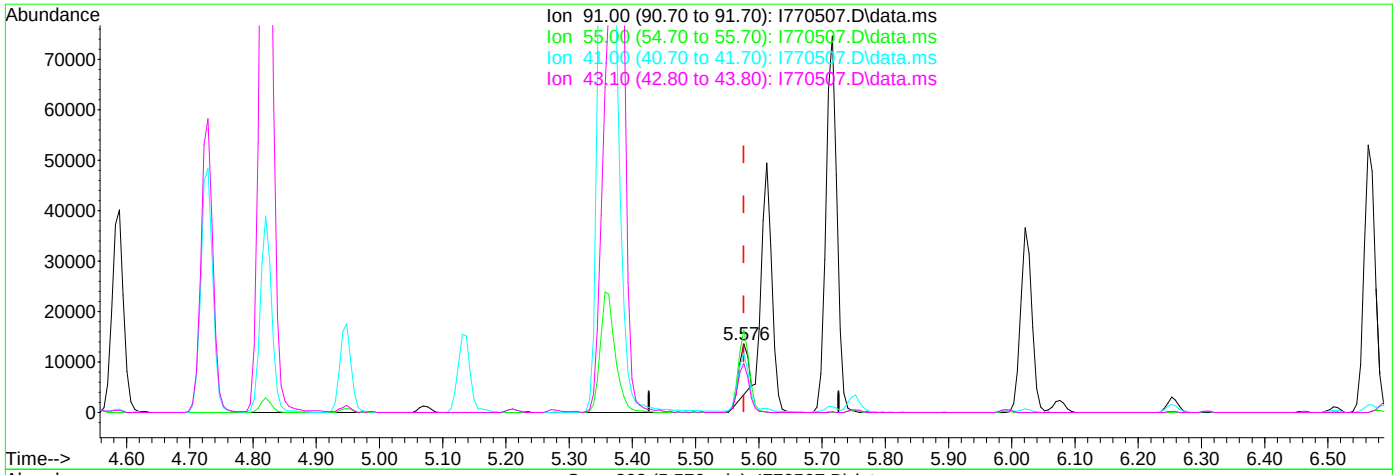
response 21230

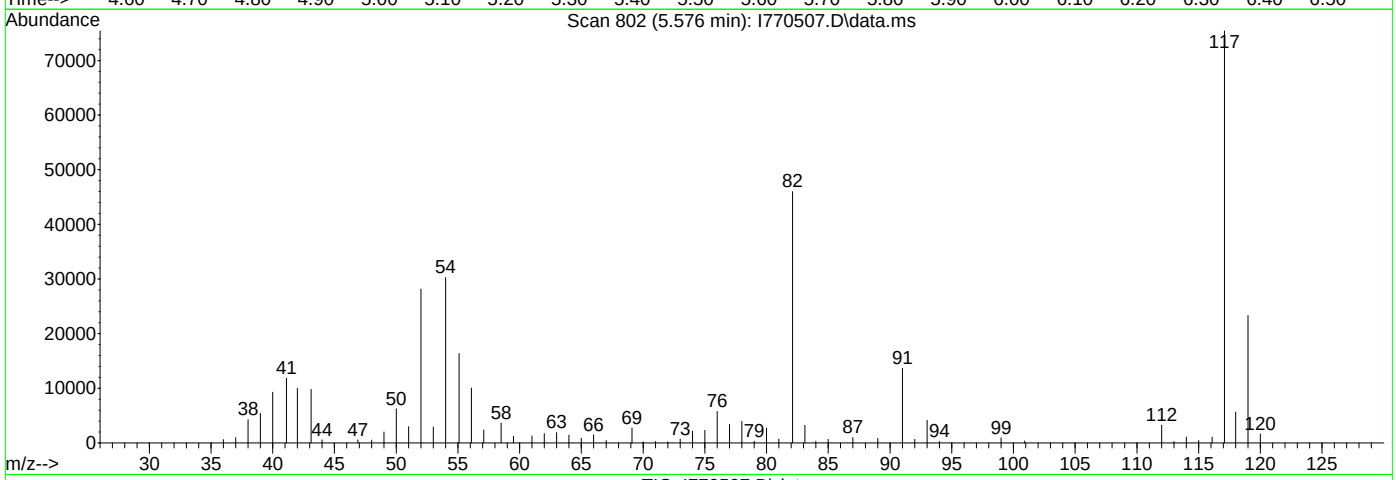
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	99.53
120.90	29.40	31.00
81.90	25.70	28.68

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 13.90ug/L

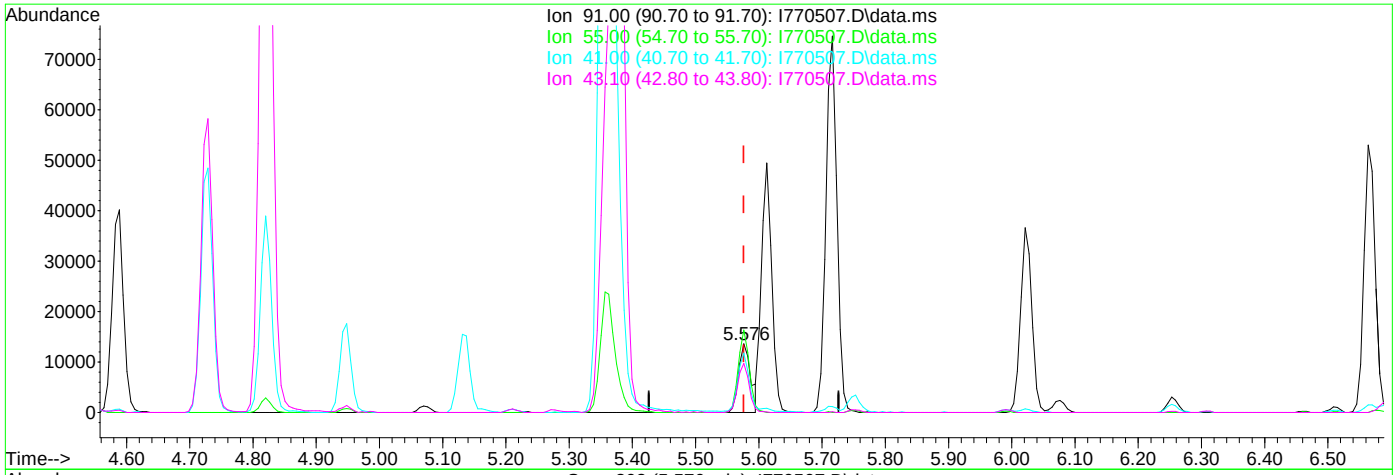
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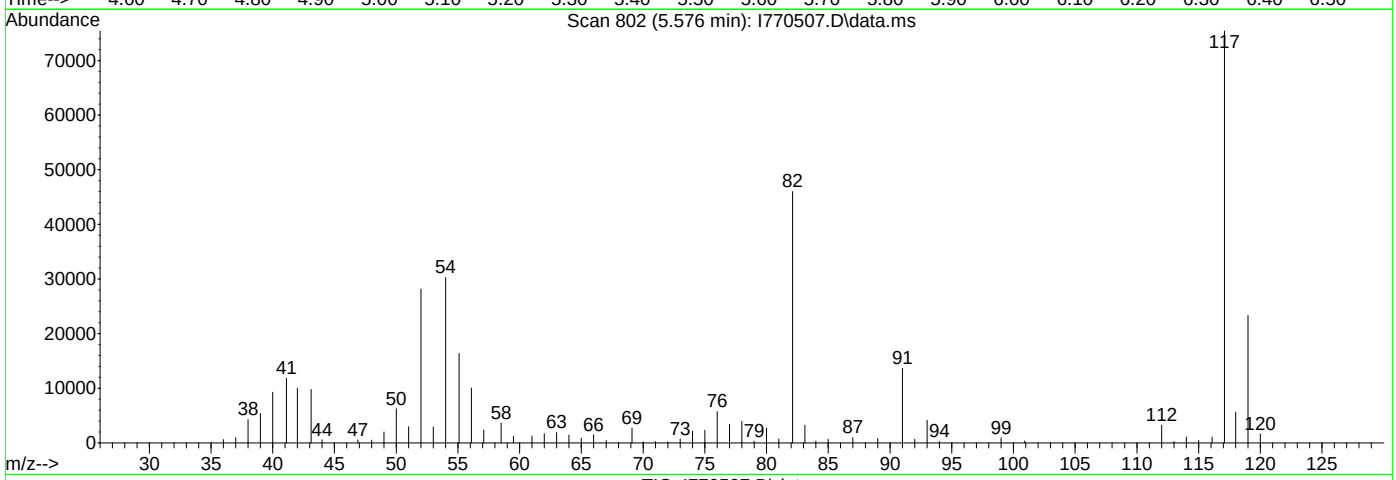
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	118.54#
41.00	64.20	82.55
43.10	52.80	69.48

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 24.04ug/L m

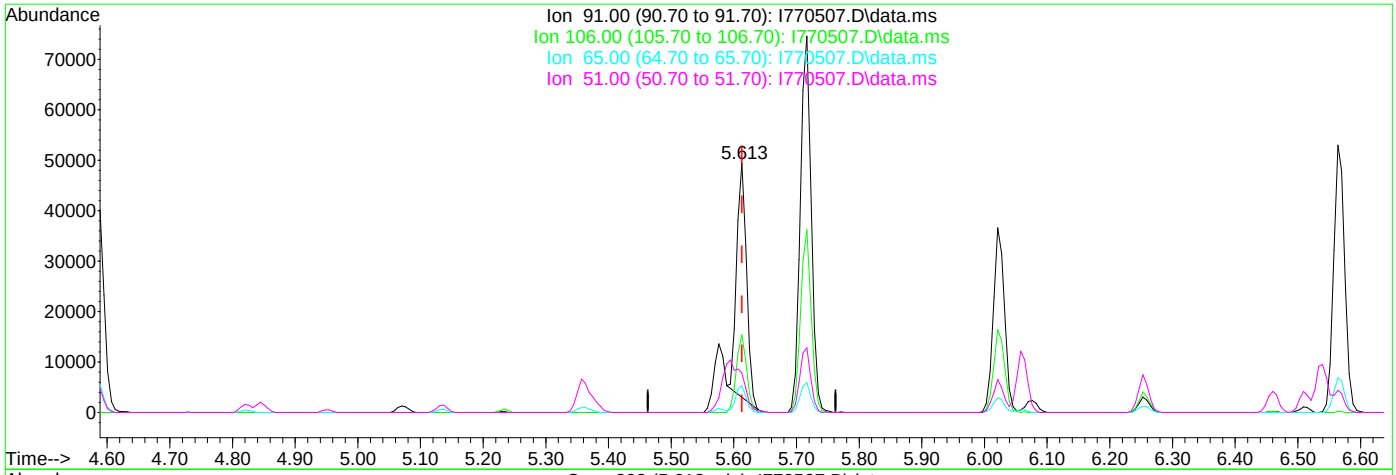
response 18357

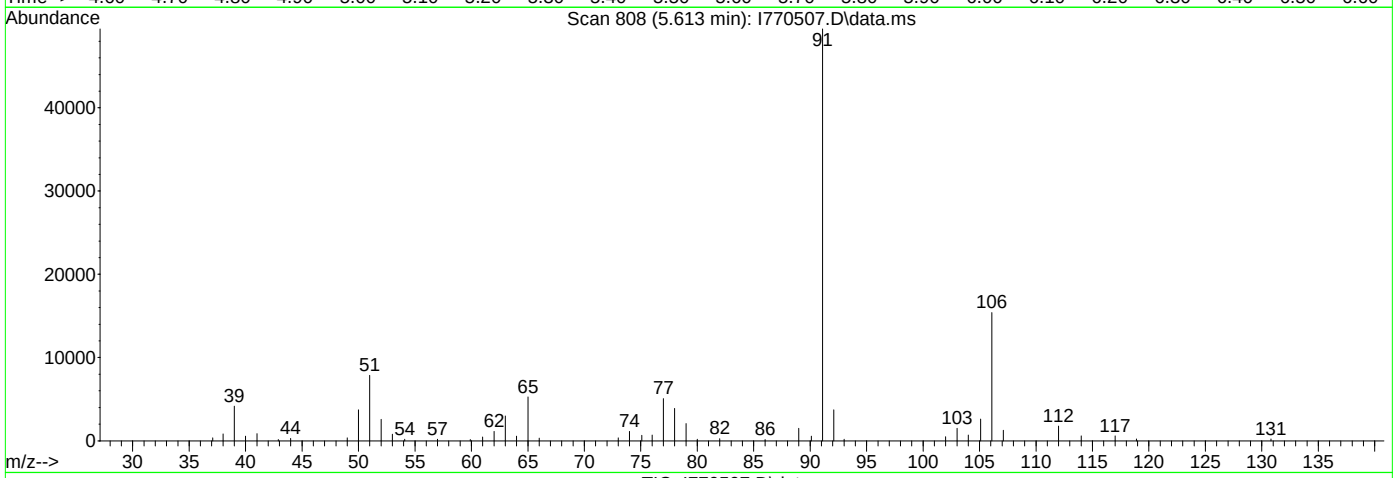
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	119.74#
41.00	64.20	86.61#
43.10	52.80	71.56

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 19.36ug/L

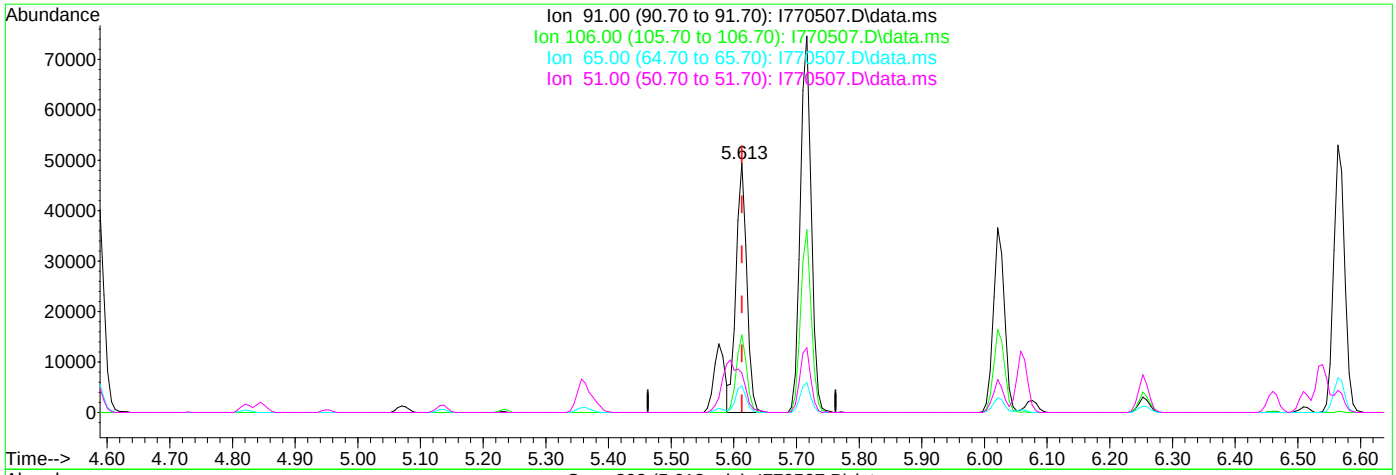
response 49609

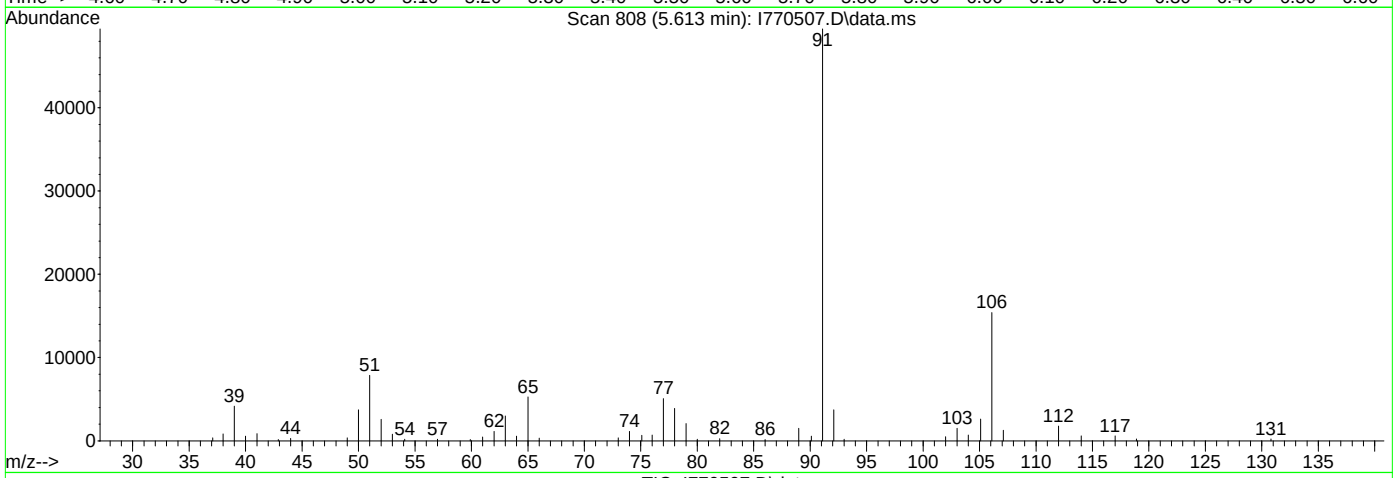
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.60
65.00	9.50	10.83
51.00	11.40	15.19

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770507.D
Acq On : 7 Apr 2025 9:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 07 09:43:50 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770507.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 22.89ug/L m

response 58654

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.14
65.00	9.50	10.68
51.00	11.40	15.89

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/09/25 06:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:46 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	155543	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	109337	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	58732	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	47073	50.28	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.56%				
49) 1,2-Dichloroethane-d4	3.461	65	67818	52.13	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 104.26%				
63) Toluene-d8	4.552	98	148030	47.93	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.86%				
86) 4-Bromofluorobenzene	6.466	174	43303	49.74	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	12656	18.42	ug/L		99
3) Chloromethane	1.211	50	15747	17.59	ug/L		98
4) 1,3-butadiene	1.272	39	21726	25.42	ug/L		95
5) Vinyl Chloride	1.260	62	13568	18.41	ug/L		97
6) Bromomethane	1.455	94	6578	18.20	ug/L		97
7) Chloroethane	1.522	64	7162	20.50	ug/L		97
8) Trichlorofluoromethane	1.601	101	20461	19.93	ug/L		100
9) Ethyl Ether	1.790	59	20064	23.95	ug/L		85
10) Ethanol	1.882	45	21279	610.07	ug/L		91
11) 1,2-Dichlorotrifluoroe...	1.888	67	18658	24.00	ug/L		100
12) 1,1-Dichloroethene	1.894	61	28038	21.32	ug/L		92
13) Freon 113	1.918	101	15011	25.04	ug/L		97
14) Carbon Disulfide	1.912	76	45205	22.98	ug/L		87
15) Iodomethane	1.979	142	10696	17.62	ug/L		92
16) Acrolein	2.083	56	29043	89.70	ug/L		97
17) Allyl chloride	2.150	41	33550	22.85	ug/L		91
18) Methylene Chloride	2.211	49	35042	23.62	ug/L		78
19) Acetone	2.241	43	91281	132.33	ug/L		98
20) Methyl acetate	2.302	43	261476	146.76	ug/L		91
21) trans-1,2-Dichloroethene	2.296	61	26988	22.18	ug/L		91
22) Hexane	2.339	56	17374	22.31	ug/L	#	77
23) Methyl Tert Butyl Ether	2.363	73	52161	24.84	ug/L	#	54
24) Acetonitrile	2.491	41	79732m	312.41	ug/L		
25) Tert Butyl Alcohol	2.412	59	114973	266.20	ug/L		82
26) Di-isopropyl ether	2.558	45	82351	26.41	ug/L		91
27) Chloroprene	2.656	53	97143	26.60	ug/L		82
28) 1,1-Dichloroethane	2.625	63	33392	25.28	ug/L		99
29) Acrylonitrile	2.656	52	78401	132.66	ug/L	#	67
30) ETBE	2.753	59	64065	24.20	ug/L		92
31) Vinyl acetate	2.753	43	322852	118.64	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	13574	23.19	ug/L	#	82
33) 2,2-Dichloropropane	2.979	77	24050	24.66	ug/L		95
34) Bromochloromethane	3.028	128	7147	24.32	ug/L	#	66
35) Cyclohexane	3.034	56	30882	22.87	ug/L	#	88
36) Chloroform	3.058	83	27289	23.09	ug/L		93
37) Ethyl acetate	3.119	43	235046	119.34	ug/L		94
38) Tetrahydrofuran	3.156	42	18645	23.46	ug/L		90
40) Carbon Tetrachloride	3.144	117	22062m	23.74	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	24366	24.50	ug/L		97
42) 2-Butanone	3.229	43	141328	119.68	ug/L		87
43) 1,1-Dichloropropene	3.247	75	17757	24.66	ug/L		90
44) tert-Butyl formate	3.308	59	118428	138.02	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:46 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.393	54	85231	273.66	ug/L	#	40
46) Methacrylonitrile	3.406	41	249357	257.51	ug/L		95
47) Benzene	3.387	78	49014	21.74	ug/L	#	52
48) TAME	3.442	73	39219	22.16	ug/L	#	81
50) 1,2-Dichloroethane	3.497	62	27955	24.06	ug/L		94
51) Isobutyl Alcohol	3.442	43	18123	457.22	ug/L		75
52) Tert Amyl Alcohol	3.552	59	88935	271.50	ug/L		85
53) Trichloroethene	3.711	95	14256	22.57	ug/L		94
54) Methylcyclohexane	3.711	83	18052	22.87	ug/L	#	68
55) Dibromomethane	3.960	93	10583	23.44	ug/L		97
56) 1,2-Dichloropropane	4.015	63	16042	22.73	ug/L		89
57) Bromodichloromethane	4.052	83	21023	23.45	ug/L	#	94
58) Methyl methacrylate	4.137	41	26397	24.42	ug/L		88
59) 1,4-Dioxane	4.180	88	10606	639.83	ug/L	#	65
60) 2-Chloroethyl vinyl ether	4.393	63	74332	124.55	ug/L		85
61) cis-1,3-Dichloropropene	4.436	75	22994	23.23	ug/L		86
64) Toluene	4.588	91	52814	22.89	ug/L		98
65) 2-Nitropropane	4.729	41	66555	137.02	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	232958	131.31	ug/L		95
67) trans-1,3-Dichloropropene	4.844	75	23135	23.26	ug/L		89
68) Tetrachloroethene	4.838	166	14099	24.49	ug/L		95
69) Ethyl methacrylate	4.948	69	20652	25.46	ug/L	#	76
70) 1,1,2-Trichloroethane	4.954	83	11158	23.08	ug/L		85
71) Dibromochloromethane	5.070	129	17120	24.52	ug/L		98
72) 1,3-Dichloropropane	5.137	76	22962	23.62	ug/L		84
73) 1,2-Dibromoethane	5.235	107	15207	23.31	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.363	57	493609	1460.06	ug/L		84
75) 2-hexanone	5.375	43	286887	139.40	ug/L		90
76) 1-Chlorohexane	5.576	91	18229m	23.68	ug/L		
77) Ethylbenzene	5.613	91	59707m	23.10	ug/L		
78) Chlorobenzene	5.594	112	35629	23.37	ug/L		93
79) 1,1,1,2-Tetrachloroethane	5.637	131	14597	23.71	ug/L		93
80) m,p-Xylene	5.716	91	95284	47.45	ug/L		99
81) o-Xylene	6.021	91	46512	24.12	ug/L		96
82) Styrene	6.064	104	34866	24.11	ug/L		94
83) Bromoform	6.076	173	12372	23.75	ug/L		93
84) Isopropylbenzene	6.253	105	55211	24.33	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	12630	24.18	ug/L	#	73
88) n-Propylbenzene	6.570	91	68345	25.06	ug/L		99
89) Bromobenzene	6.539	156	15460	24.47	ug/L		91
90) 1,1,2,2-Tetrachloroethane	6.612	83	21280	22.70	ug/L		96
91) 1,3,5-Trimethylbenzene	6.722	105	47211	25.55	ug/L		100
92) 2-Chlorotoluene	6.679	91	37814	24.82	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.753	53	11812	24.80	ug/L	#	75
94) 1,2,3-Trichloropropane	6.716	110	7536	24.69	ug/L		91
95) Cyclohexanone	6.747	55	29642	295.05	ug/L		90
96) 4-Chlorotoluene	6.807	91	44052	25.42	ug/L		94
97) tert-Butylbenzene	6.966	91	27078	25.90	ug/L		96
98) 1,2,4-Trimethylbenzene	7.021	105	48258	25.37	ug/L		97
99) Pentachloroethane	6.978	167	9840	27.28	ug/L	#	1
100) sec-Butylbenzene	7.106	105	51994	24.65	ug/L		99
101) 4-Isopropyltoluene	7.222	119	43788	24.94	ug/L		98
102) 1,3-Dichlorobenzene	7.265	146	28168	24.82	ug/L		95
103) 1,2,3-Trimethylbenzene	7.356	105	48996	25.68	ug/L		98
104) 1,4-Dichlorobenzene	7.332	146	29700	24.66	ug/L		94
105) n-Butylbenzene	7.539	92	26183	26.82	ug/L		93
106) Benzyl Chloride	7.527	126	9053	25.99	ug/L		99
107) 1,2-Dichlorobenzene	7.649	146	26970	24.93	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:46 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

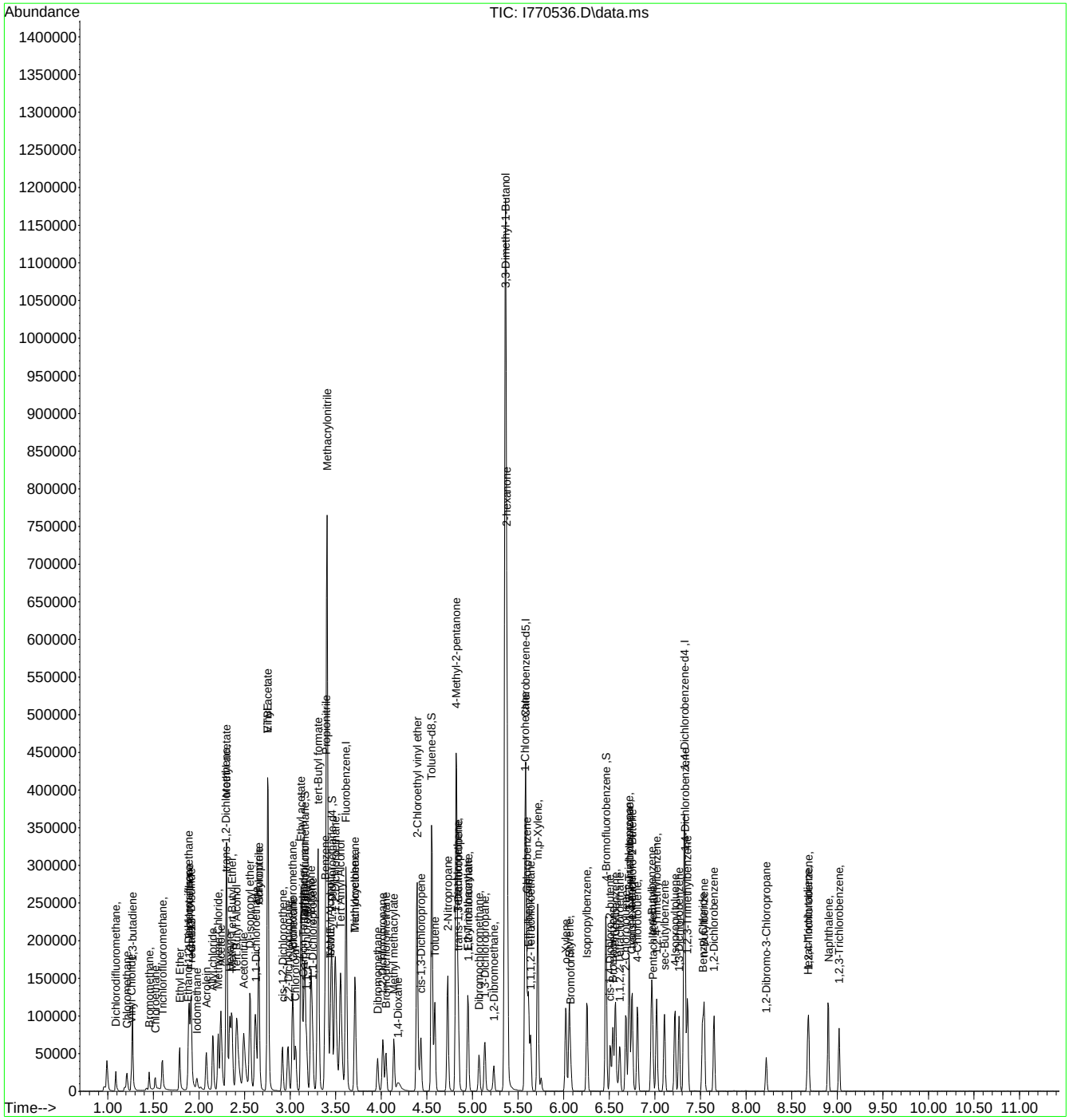
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	7835	25.92	ug/L	96
109) Hexachlorobutadiene	8.679	225	6317	26.05	ug/L	92
110) 1,2,4-Trichlorobenzene	8.685	180	14888	25.05	ug/L	96
111) Naphthalene	8.905	128	56908	26.25	ug/L	100
112) 1,2,3-Trichlorobenzene	9.020	180	14526	26.38	ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:46 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

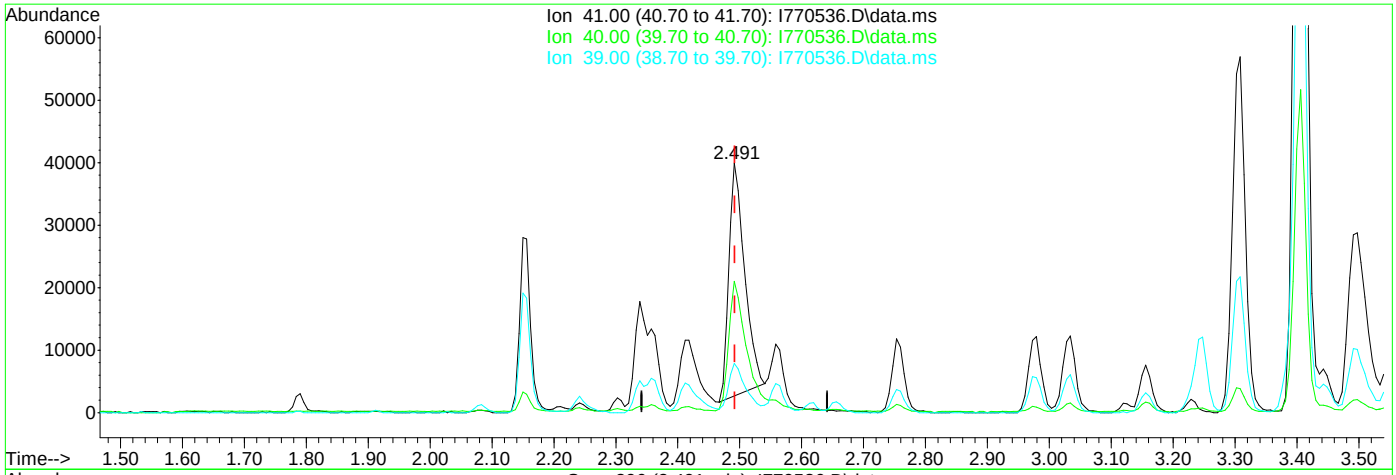
Sample Number: VI3526-BS
Lab FileID: I770536.D
Injection Time: 04/08/25 08:14
Method: SW846 8260D
Analyst approved: 04/08/25 08:30 Jenifer Willis
Supervisor approved: 04/09/25 06:42 Neil Christiana

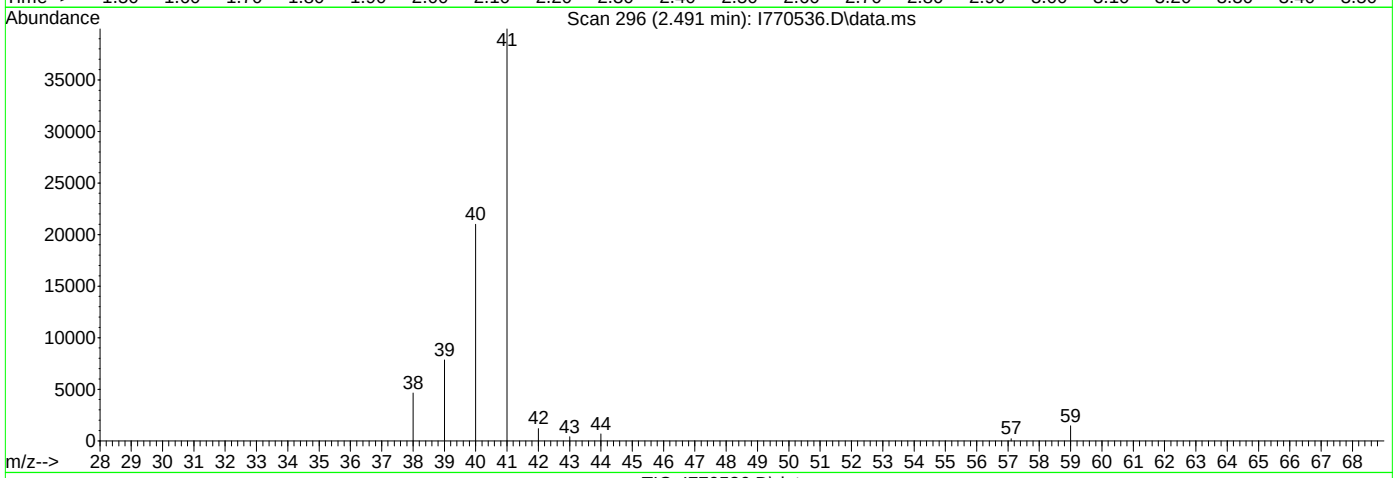
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 255.77ug/L

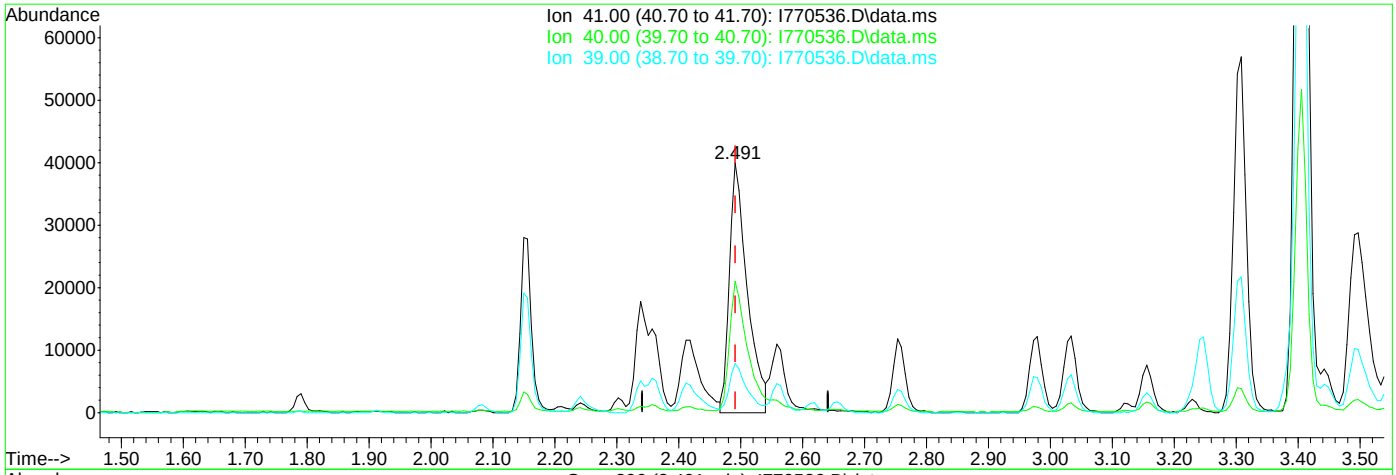
response 65842

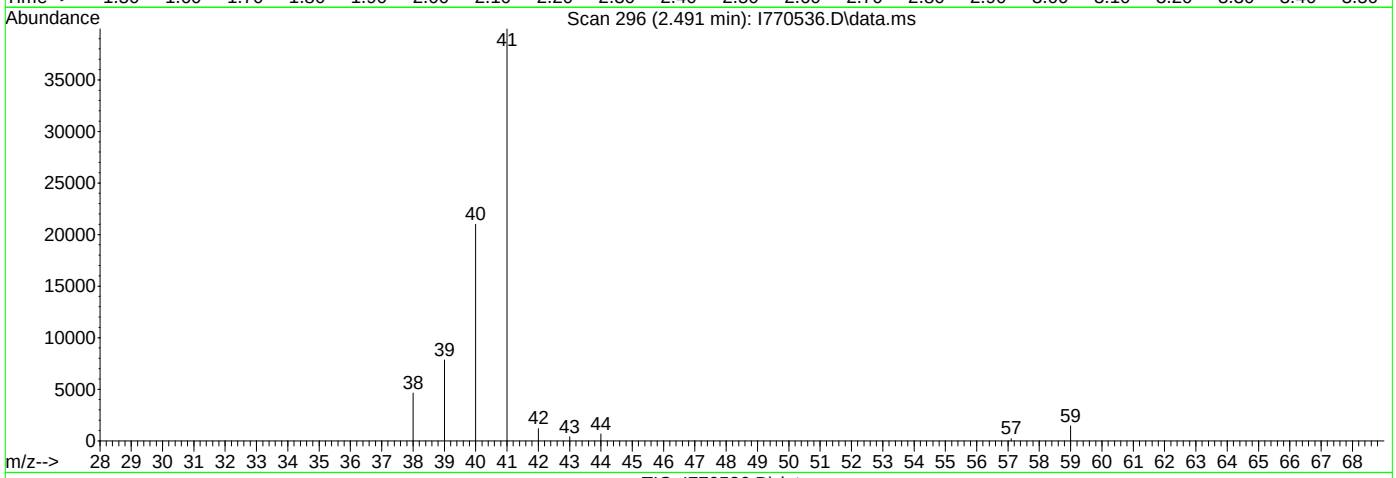
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.40
39.00	20.00	19.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 312.41ug/L m

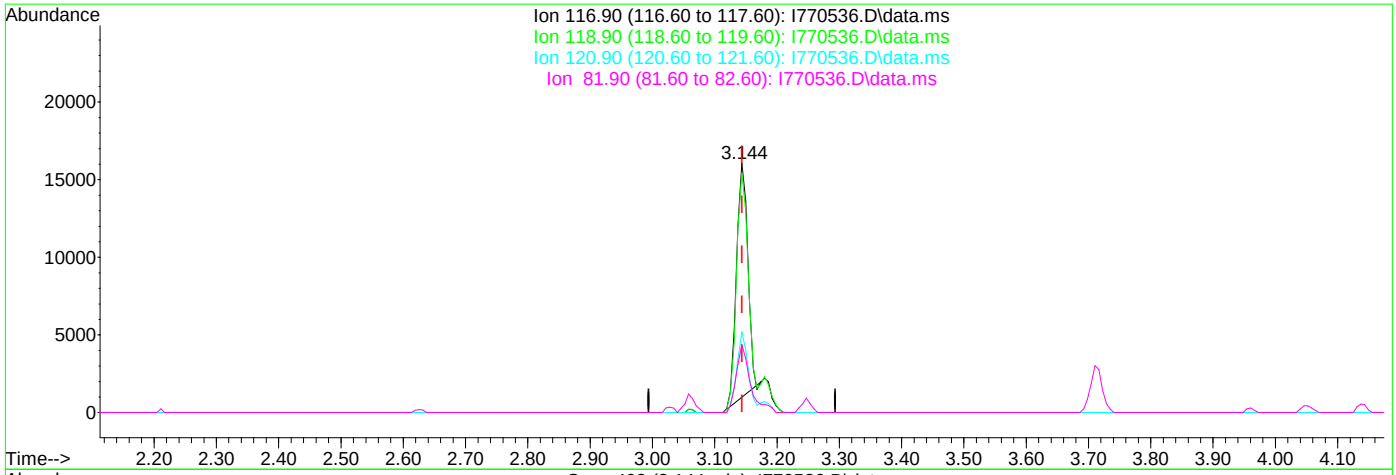
response 79732

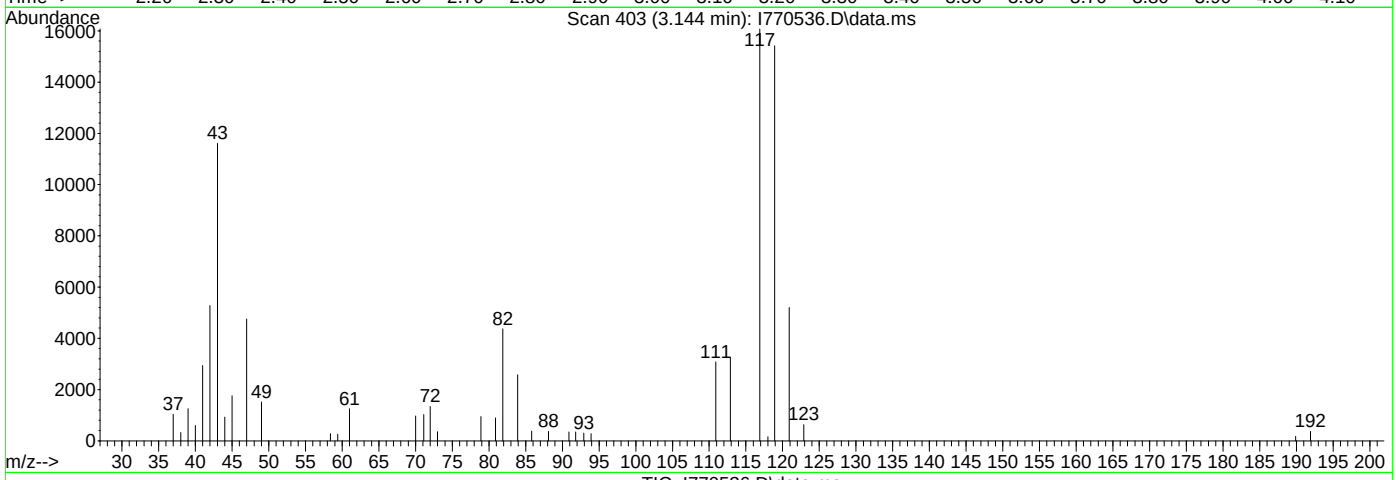
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.56
39.00	20.00	19.66
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 20.64ug/L

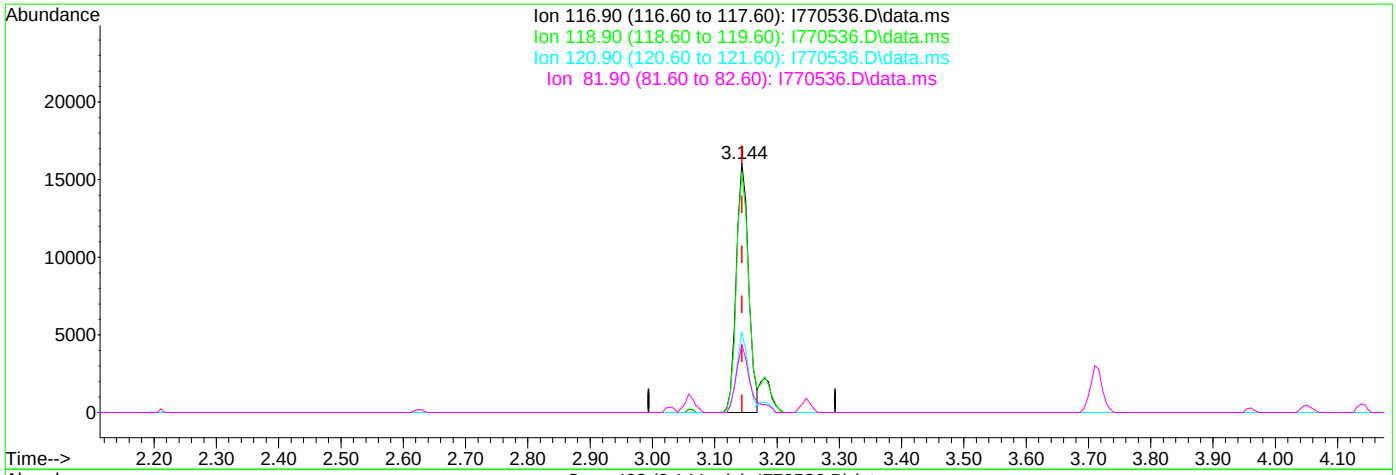
response 19184

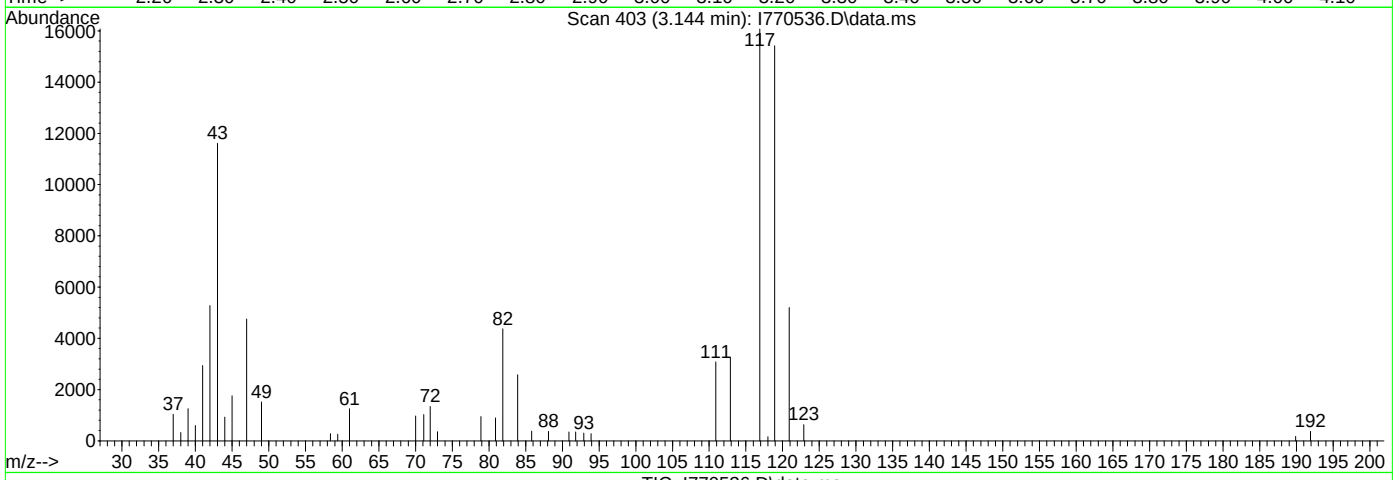
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.90
120.90	29.40	32.38
81.90	25.70	27.21

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 23.74ug/L m

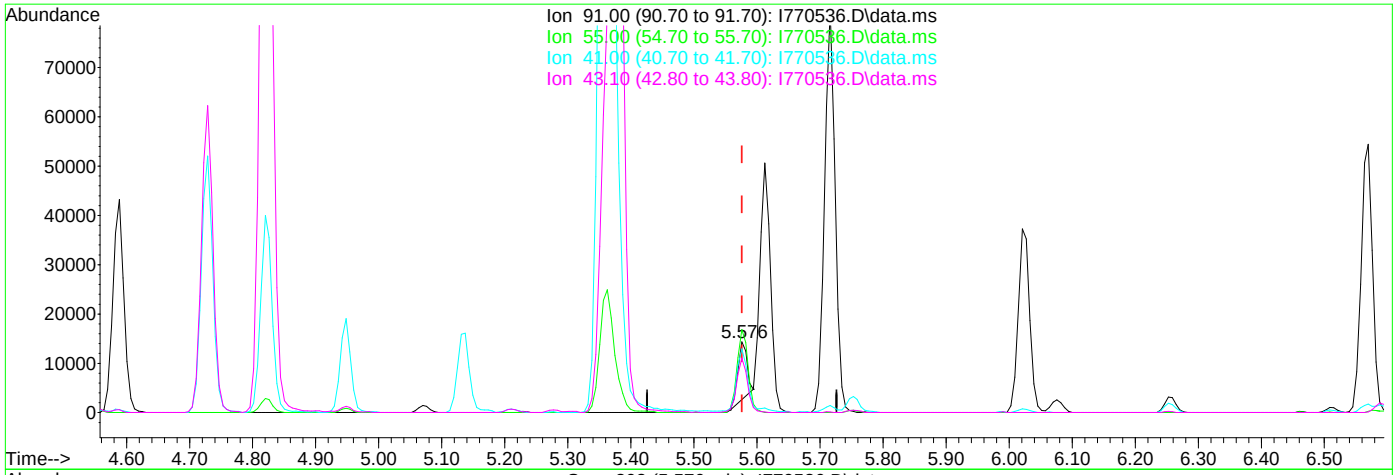
response 22062

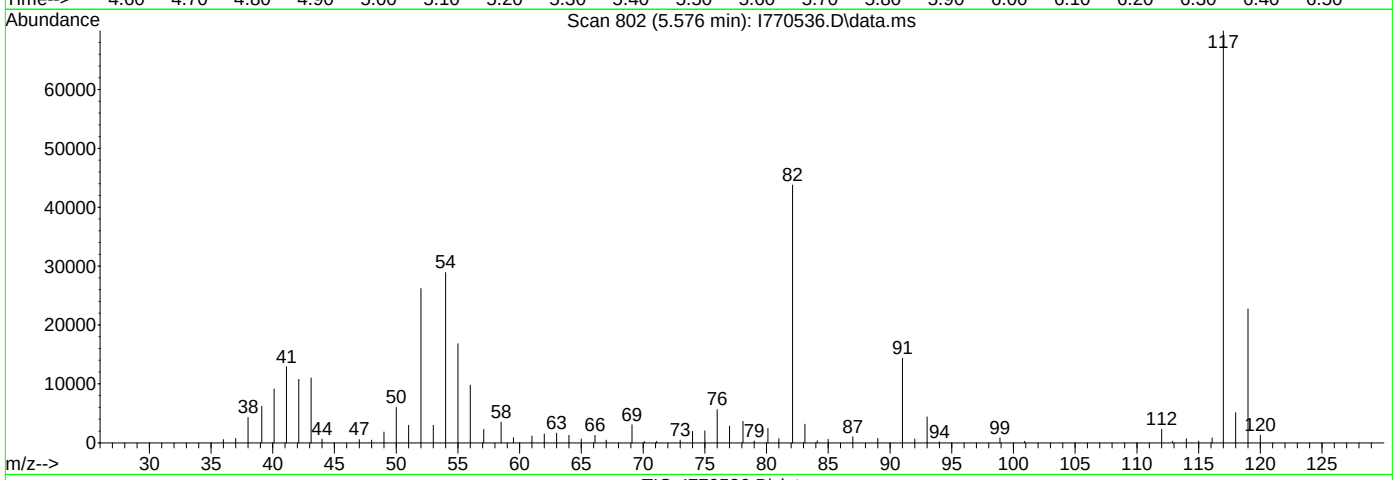
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.90
120.90	29.40	32.38
81.90	25.70	27.21

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 16.20ug/L

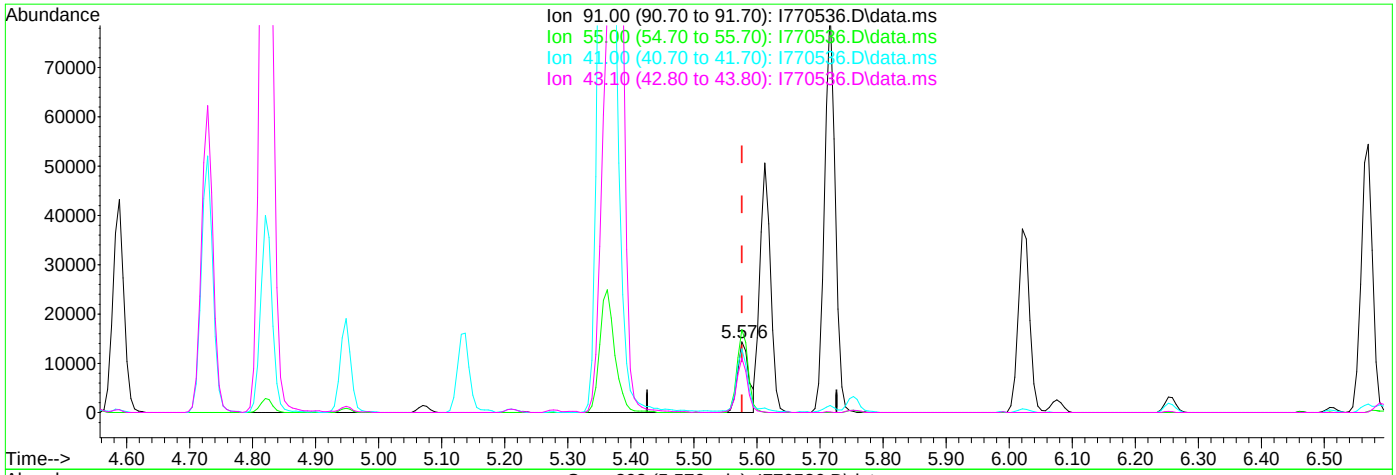
response 12471

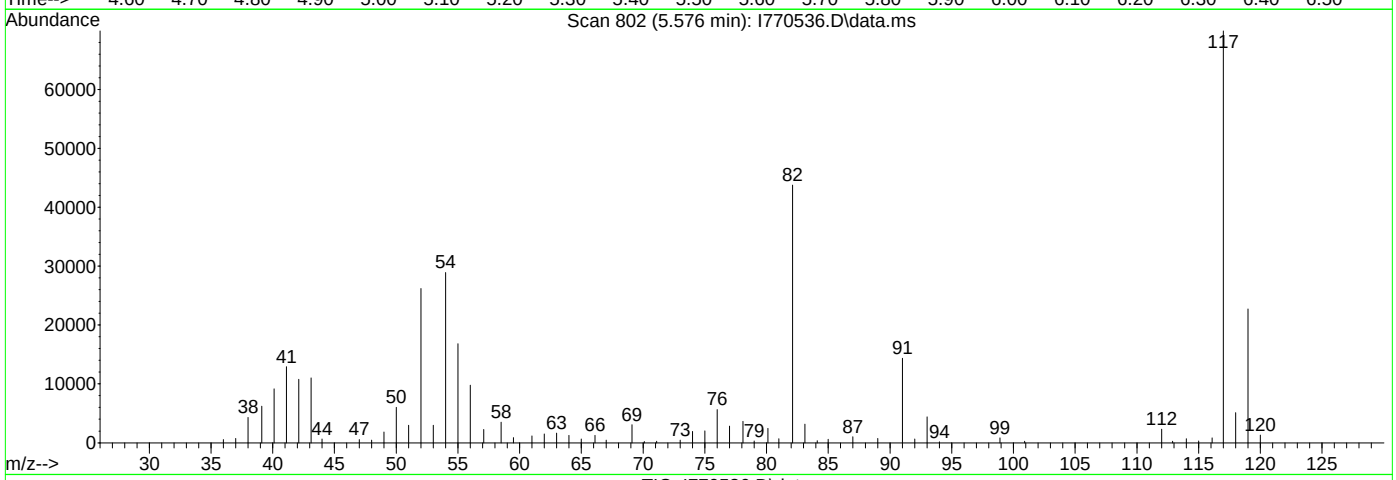
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	115.38#
41.00	64.20	86.94#
43.10	52.80	74.73#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 23.68ug/L m

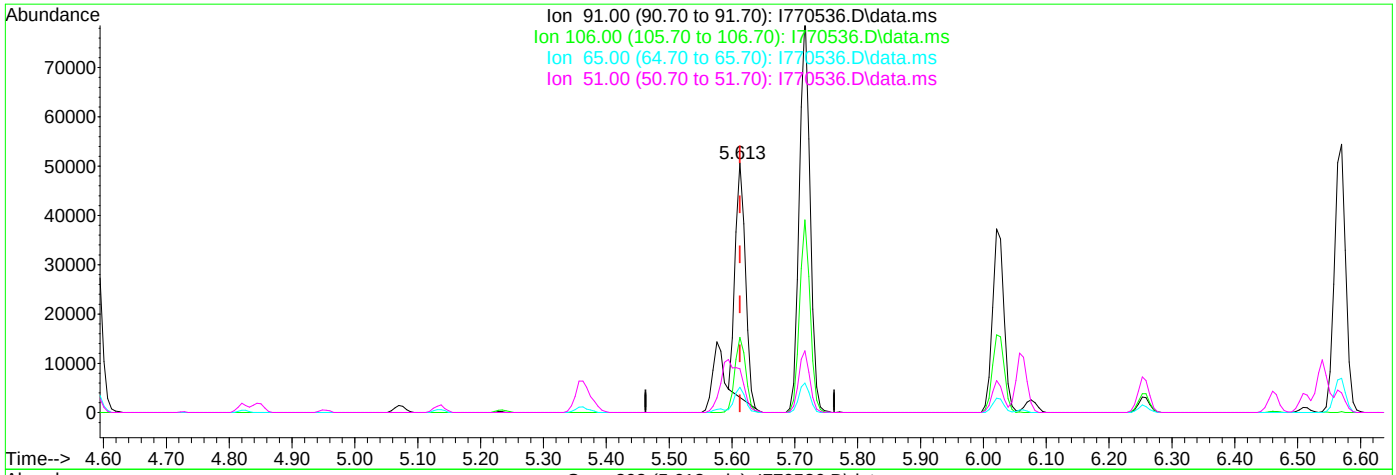
response 18229

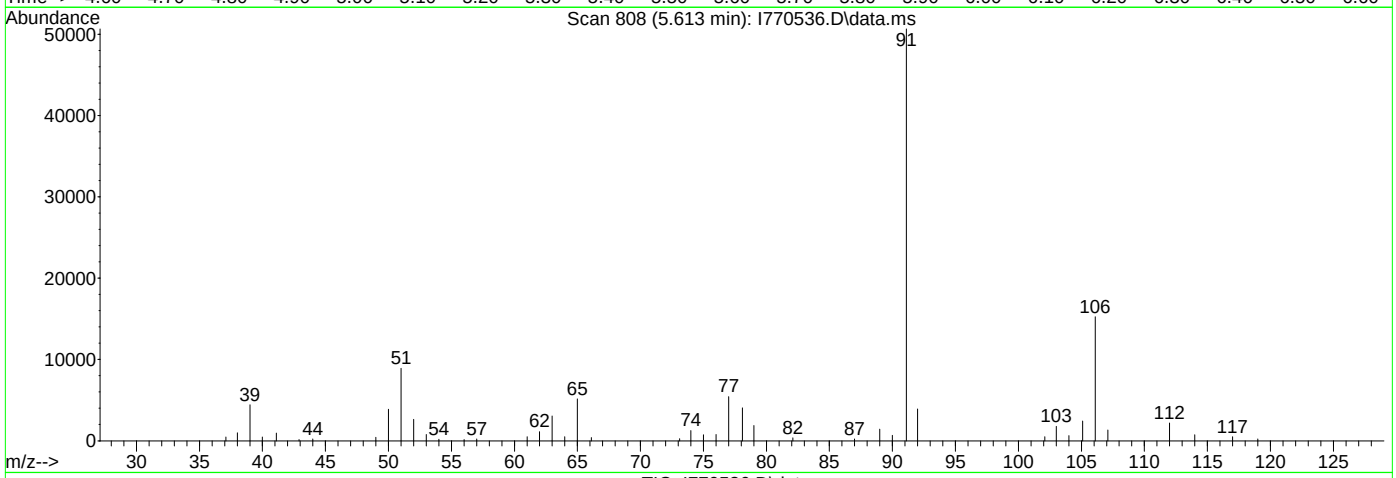
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	117.29#
41.00	64.20	90.06#
43.10	52.80	76.83#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 20.27ug/L

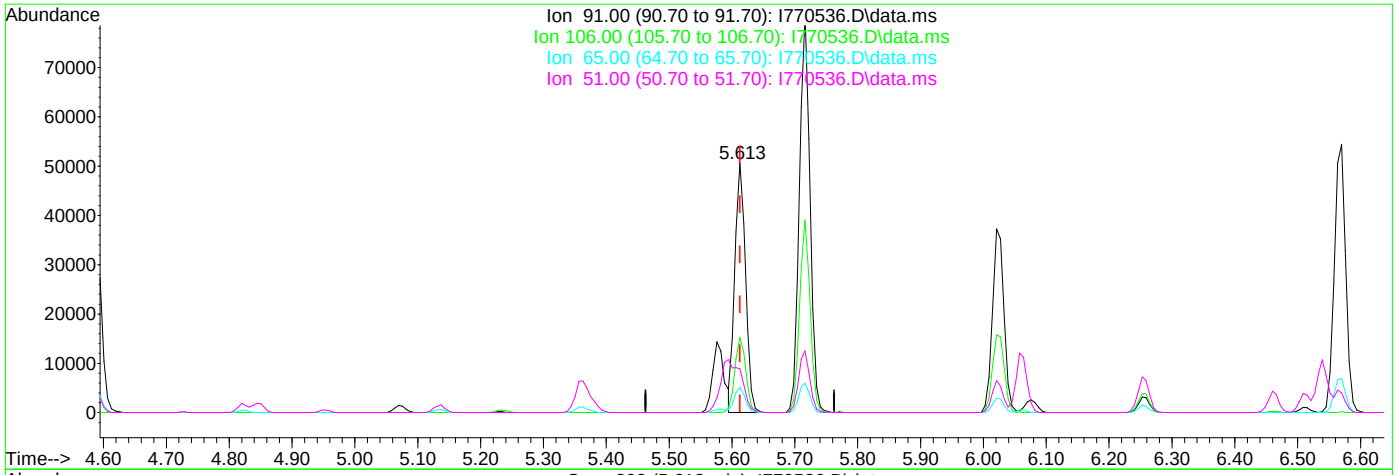
response 52387

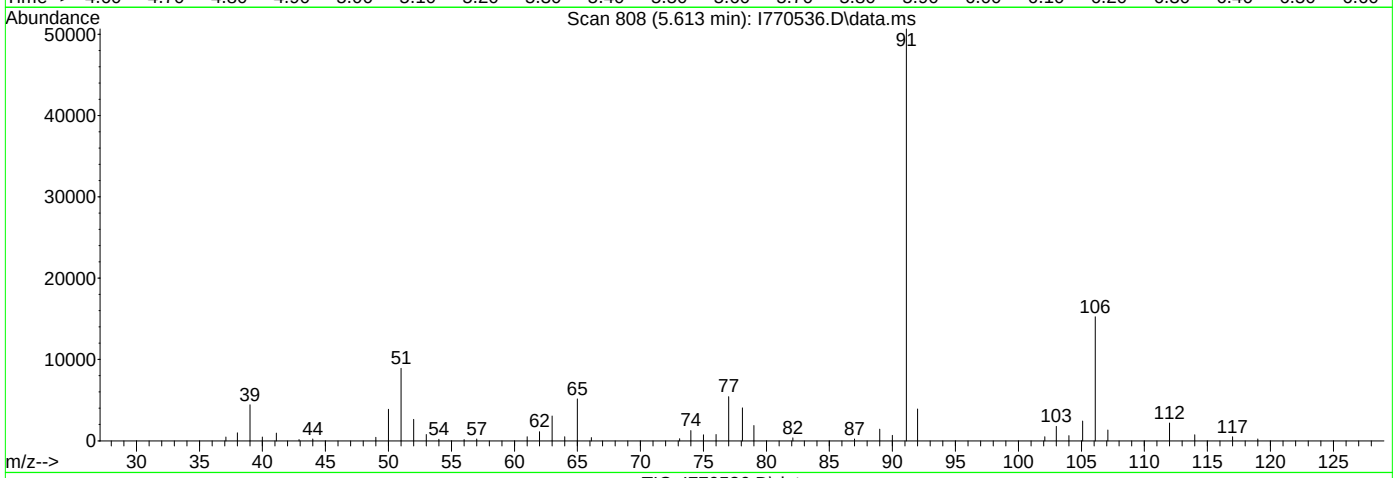
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.95
65.00	9.50	9.97
51.00	11.40	17.04

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770536.D
Acq On : 8 Apr 2025 8:14 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 08 08:27:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770536.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 23.10ug/L m

response 59707

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.08
65.00	9.50	10.16
51.00	11.40	17.62

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/08/25 08:53

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\V
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:23:13 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	150508	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	106701	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	56827	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46091	50.88	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.76%			
49) 1,2-Dichloroethane-d4	3.461	65	66343	52.70	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.40%			
63) Toluene-d8	4.558	98	143096	47.47	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.94%			
86) 4-Bromofluorobenzene	6.466	174	42175	50.07	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	11540	17.3575	ug/L	98
3) Chloromethane	1.211	50	14938	17.2475	ug/L	95
4) 1,3-butadiene	1.272	39	20022	24.2088	ug/L	99
5) Vinyl Chloride	1.260	62	13538	18.9860	ug/L	98
6) Bromomethane	1.455	94	3697	10.5707	ug/L	97
7) Chloroethane	1.522	64	7344	21.7428	ug/L	90
8) Trichlorofluoromethane	1.607	101	19167	19.2904	ug/L	97
9) Ethyl Ether	1.790	59	16765	20.6802	ug/L	82
10) Ethanol	1.876	45	17161	499.3087	ug/L	94
11) 1,2-Dichlorotrifluoroe...	1.894	67	16575	22.0317	ug/L	98
12) 1,1-Dichloroethene	1.894	61	24523	19.2695	ug/L	88
13) Freon 113	1.918	101	12787	22.0459	ug/L	93
14) Carbon Disulfide	1.918	76	39692	20.8553	ug/L	84
15) Iodomethane	1.979	142	7241	12.4710	ug/L	92
16) Acrolein	2.083	56	23391	74.7741	ug/L	94
17) Allyl chloride	2.156	41	31169	21.9409	ug/L	88
18) Methylene Chloride	2.211	49	31021	21.6088	ug/L	76
19) Acetone	2.241	43	78255	116.4135	ug/L	95
20) Methyl acetate	2.302	43	186101	107.9459	ug/L	91
21) trans-1,2-Dichloroethene	2.302	61	25683	21.8127	ug/L	93
22) Hexane	2.345	56	15027	19.9462	ug/L #	78
23) Methyl Tert Butyl Ether	2.363	73	43552	21.4307	ug/L #	67
24) Acetonitrile	2.491	41	62197	249.4550	ug/L	97
25) Tert Butyl Alcohol	2.412	59	112178	268.4159	ug/L	81
26) Di-isopropyl ether	2.558	45	63306	20.9853	ug/L	96
27) Chloroprene	2.656	53	81652	23.1062	ug/L	81
28) 1,1-Dichloroethane	2.632	63	26820	20.9803	ug/L	97
29) Acrylonitrile	2.656	52	66222	115.7974	ug/L #	68
30) ETBE	2.753	59	54424	21.2466	ug/L	91
31) Vinyl acetate	2.760	43	294236	111.7377	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	23171	40.9072	ug/L	86
33) 2,2-Dichloropropane	2.979	77	19129	20.2702	ug/L	96
34) Bromochloromethane	3.028	128	6399	22.5024	ug/L #	52
35) Cyclohexane	3.034	56	27657	21.1671	ug/L #	85
36) Chloroform	3.064	83	24877	21.7536	ug/L	95
37) Ethyl acetate	3.125	43	204827	107.4720	ug/L	95
38) Tetrahydrofuran	3.156	42	15189	19.7490	ug/L	92
40) Carbon Tetrachloride	3.144	117	19774m	21.9910	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	21741	22.5894	ug/L	95
42) 2-Butanone	3.229	43	120238	105.2301	ug/L	87
43) 1,1-Dichloropropene	3.247	75	15708	22.5466	ug/L	89

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:23:13 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) tert-Butyl formate	3.308	59	20006	24.0965	ug/L		90
45) Propionitrile	3.394	54	75044	249.0149	ug/L	#	47
46) Methacrylonitrile	3.406	41	224624	239.7246	ug/L		96
47) Benzene	3.388	78	43781	20.0686	ug/L	#	54
48) TAME	3.448	73	35569	20.7745	ug/L		78
50) 1,2-Dichloroethane	3.497	62	24533	21.8244	ug/L		95
51) Isobutyl Alcohol	3.448	43	15125	394.3477	ug/L		67
52) Tert Amyl Alcohol	3.546	59	69984	220.7972	ug/L		85
53) Trichloroethene	3.711	95	15869	25.9618	ug/L		95
54) Methylcyclohexane	3.717	83	15274	19.9976	ug/L	#	72
55) Dibromomethane	3.961	93	9197	21.0527	ug/L		95
56) 1,2-Dichloropropane	4.022	63	14565	21.3246	ug/L		93
57) Bromodichloromethane	4.052	83	18828	21.7077	ug/L	#	95
58) Methyl methacrylate	4.137	41	23393	22.3669	ug/L		85
59) 1,4-Dioxane	4.180	88	7474	465.9698	ug/L		70
61) cis-1,3-Dichloropropene	4.436	75	18731	19.5596	ug/L		86
64) Toluene	4.588	91	45808	20.3429	ug/L		99
65) 2-Nitropropane	4.729	41	56122	118.3929	ug/L		97
66) 4-Methyl-2-pentanone	4.820	43	208733	120.5643	ug/L		95
67) trans-1,3-Dichloropropene	4.851	75	19807	20.4082	ug/L		92
68) Tetrachloroethene	4.838	166	36202	64.4459	ug/L		92
69) Ethyl methacrylate	4.948	69	18030	22.7732	ug/L	#	74
70) 1,1,2-Trichloroethane	4.954	83	10099	21.4095	ug/L	#	82
71) Dibromochloromethane	5.076	129	14751	21.6457	ug/L		99
72) 1,3-Dichloropropane	5.137	76	19544	20.6000	ug/L		79
73) 1,2-Dibromoethane	5.235	107	13427	21.0862	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.363	57	457314	1386.1213	ug/L		85
75) 2-hexanone	5.381	43	257962	128.4438	ug/L	#	77
76) 1-Chlorohexane	5.576	91	14841m	19.7520	ug/L		
77) Ethylbenzene	5.613	91	50926m	20.1935	ug/L		
78) Chlorobenzene	5.594	112	30688	20.6221	ug/L		94
79) 1,1,1,2-Tetrachloroethane	5.637	131	12467	20.7498	ug/L		99
80) m,p-Xylene	5.716	91	80435	41.0460	ug/L		98
81) o-Xylene	6.027	91	38559	20.4935	ug/L		99
82) Styrene	6.064	104	30236	21.4284	ug/L		93
83) Bromoform	6.076	173	10518	20.6860	ug/L		94
84) Isopropylbenzene	6.259	105	46403	20.9542	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	10873	21.5111	ug/L	#	74
88) n-Propylbenzene	6.570	91	57338	21.7261	ug/L		98
89) Bromobenzene	6.539	156	13384	21.8927	ug/L		96
90) 1,1,2,2-Tetrachloroethane	6.612	83	19186	21.1502	ug/L		92
91) 1,3,5-Trimethylbenzene	6.722	105	39908	22.3243	ug/L		98
92) 2-Chlorotoluene	6.686	91	31938	21.6631	ug/L		95
93) trans-1,4-Dichloro-2-B...	6.753	53	12327	26.7469	ug/L	#	78
94) 1,2,3-Trichloropropane	6.716	110	6639	22.4844	ug/L		94
95) Cyclohexanone	6.747	55	11911	122.5359	ug/L		89
96) 4-Chlorotoluene	6.808	91	36787	21.9356	ug/L		95
97) tert-Butylbenzene	6.966	91	22392	22.1392	ug/L		92
98) 1,2,4-Trimethylbenzene	7.021	105	40445	21.9790	ug/L		99
99) Pentachloroethane	6.978	167	8771	25.1333	ug/L	#	1
100) sec-Butylbenzene	7.106	105	42043	20.5981	ug/L		99
101) 4-Isopropyltoluene	7.222	119	34840	20.5091	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	24346	22.1757	ug/L		96
103) 1,2,3-Trimethylbenzene	7.356	105	41114	22.2680	ug/L		99
104) 1,4-Dichlorobenzene	7.338	146	24768	21.2560	ug/L		99
105) n-Butylbenzene	7.539	92	20008	21.1816	ug/L		90
106) Benzyl Chloride	7.527	126	6554	19.4484	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:23:13 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

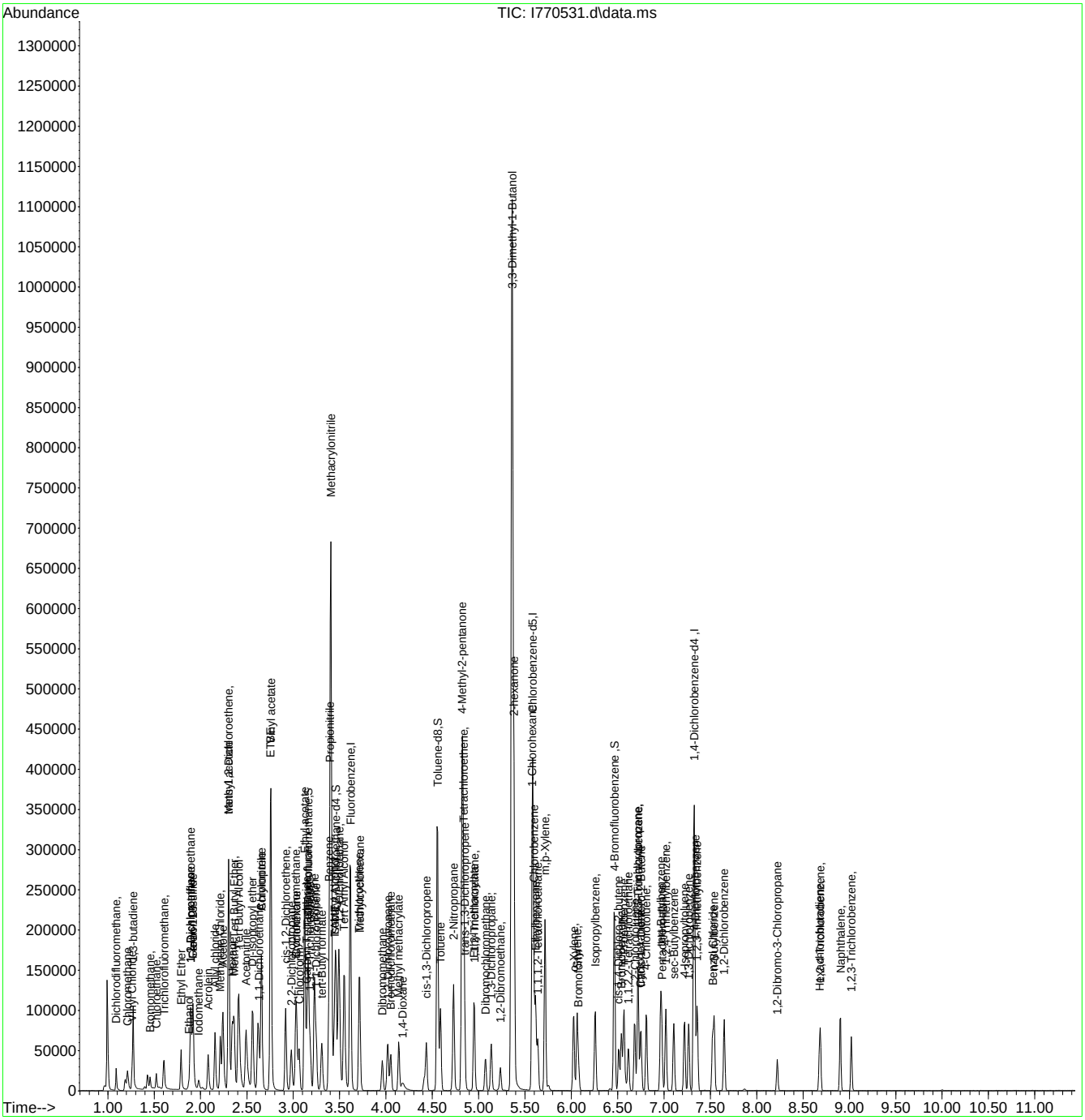
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dichlorobenzene	7.649	146	23407	22.3595	ug/L	97
108) 1,2-Dibromo-3-Chloropr...	8.222	75	6422	21.9569	ug/L	92
109) Hexachlorobutadiene	8.679	225	4633	19.7426	ug/L	90
110) 1,2,4-Trichlorobenzene	8.685	180	11694	20.3369	ug/L	95
111) Naphthalene	8.905	128	44417	21.1761	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	11889	22.3148	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:23:13 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

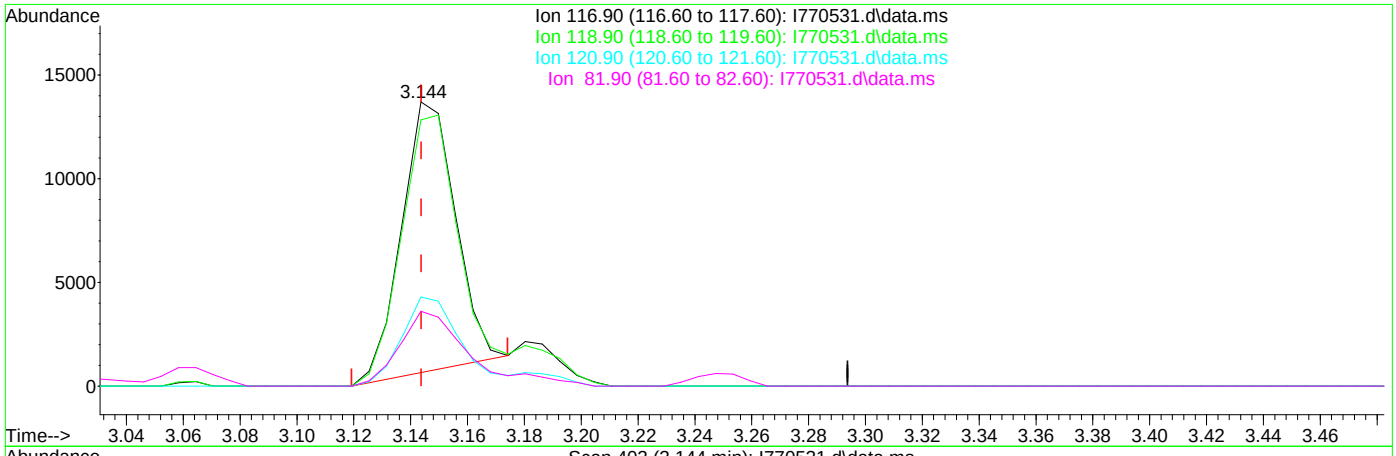
Sample Number: FC23653-3MS
Lab FileID: I770531.D
Injection Time: 04/07/25 16:07
Method: SW846 8260D
Analyst approved: 04/08/25 07:45 Lotus Acosta
Supervisor approved: 04/08/25 08:53 Neil Christiana

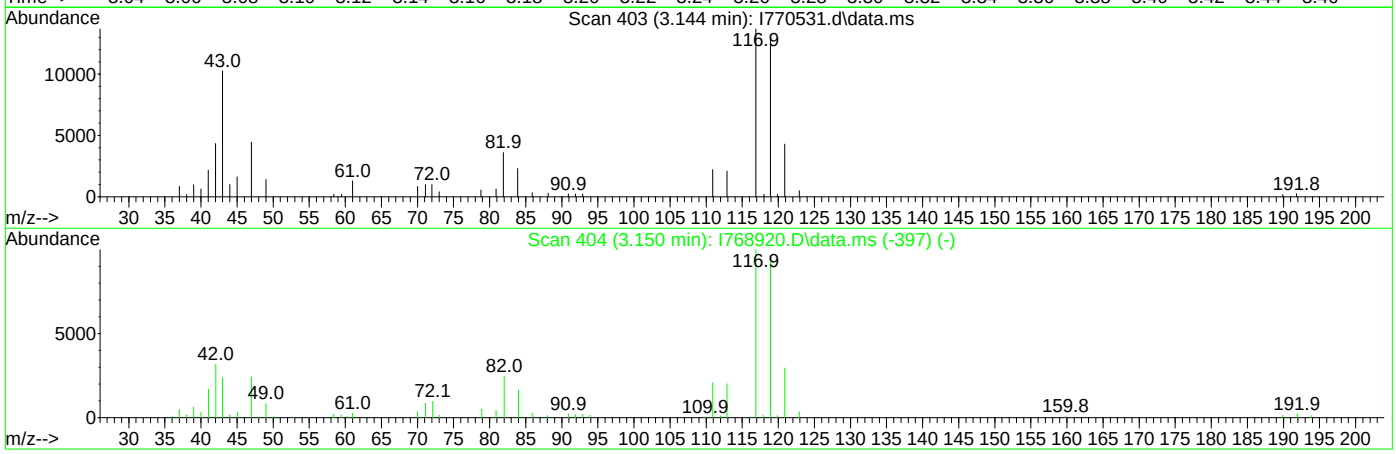
Parameter	CAS	Sig#	R.T. (min.)	Reason
Carbon Tetrachloride	56-23-5		3.14	Overlapping peak
1-Chlorohexane	544-10-5		5.58	Overlapping peak
Ethylbenzene	100-41-4		5.61	Overlapping peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:01:35 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770531.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 19.28ug/L

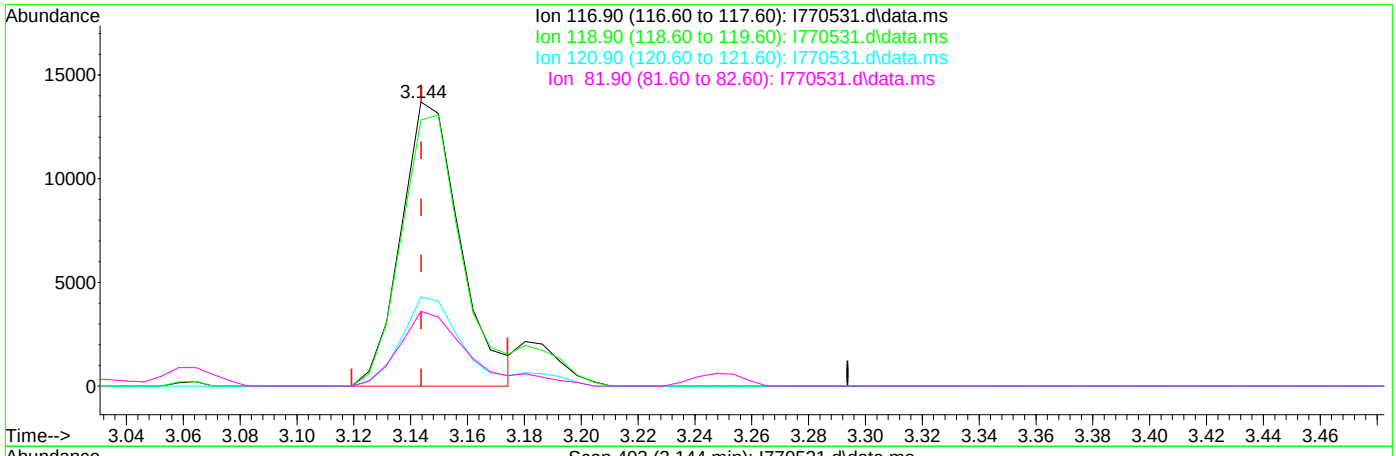
response 17337

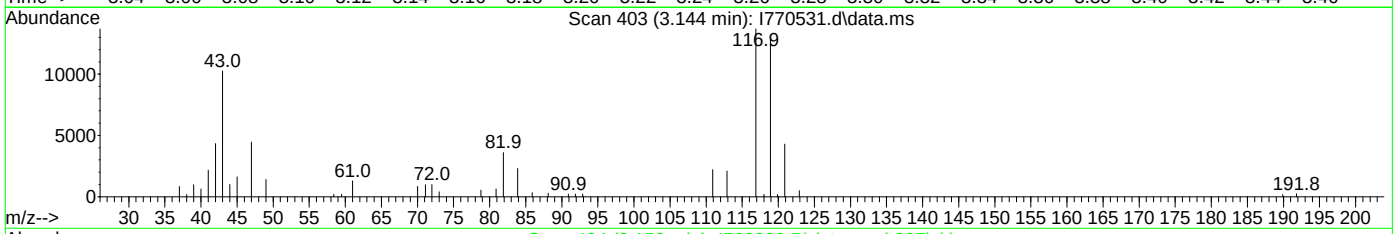
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	93.72
120.90	29.40	31.34
81.90	25.70	26.31

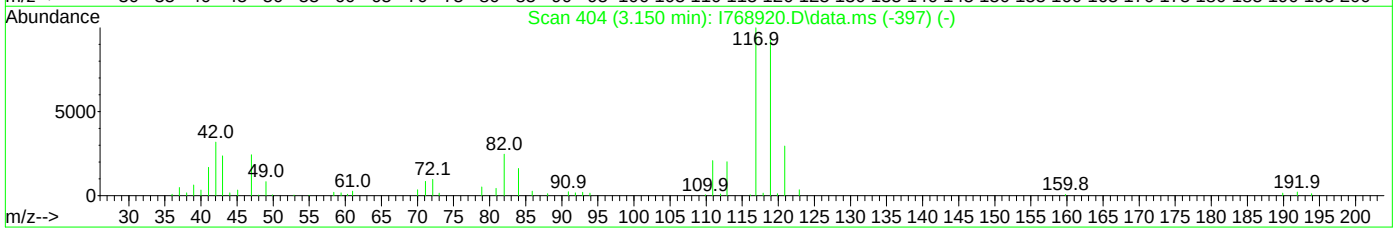
Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:01:35 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration







TIC: I770531.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 21.99ug/L m

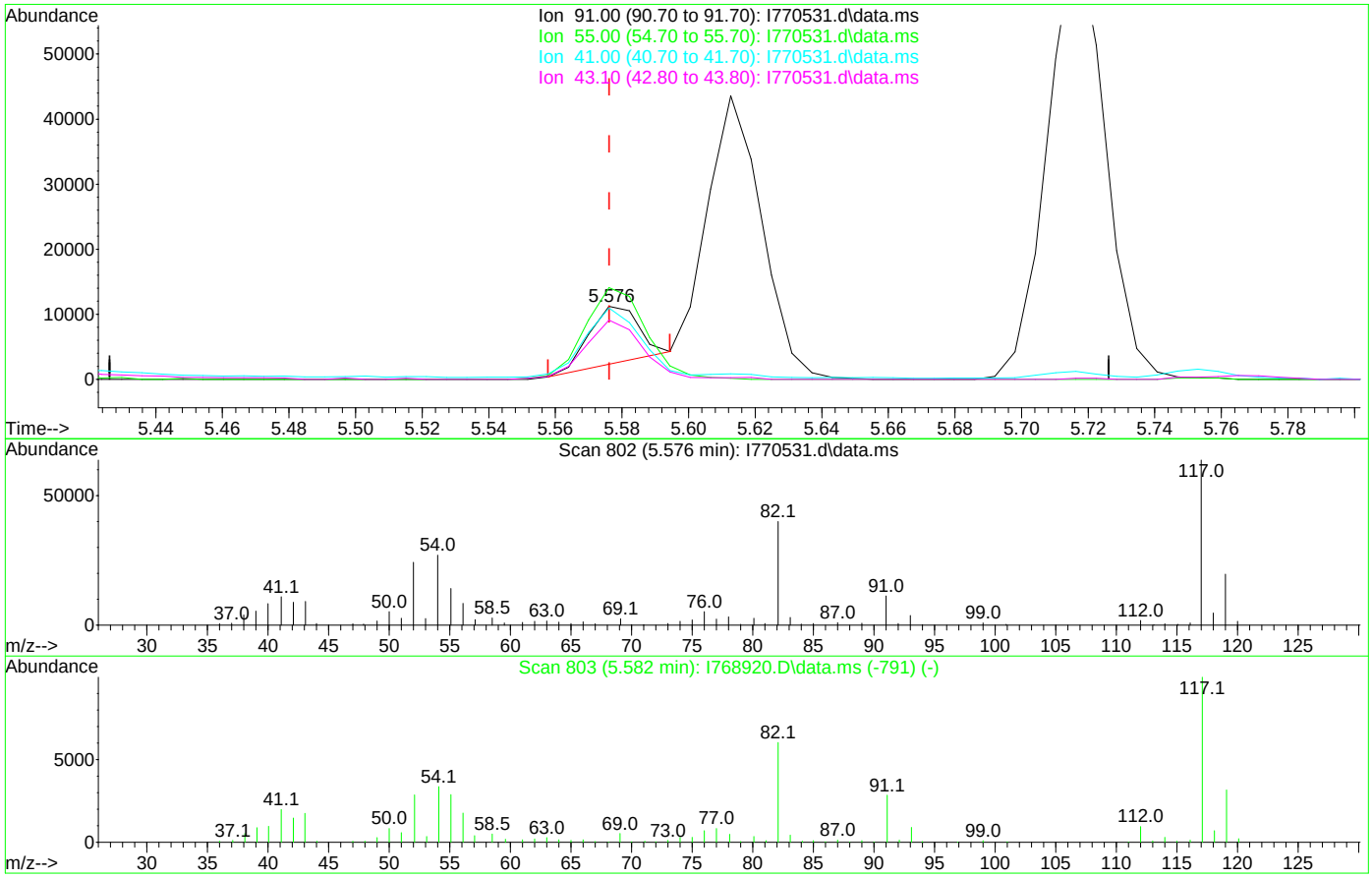
response 19774

Ion	Exp%	Act%
116.90	100	100
118.90	95.50	93.72
120.90	29.40	31.34
81.90	25.70	26.31

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:01:35 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770531.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 12.95ug/L

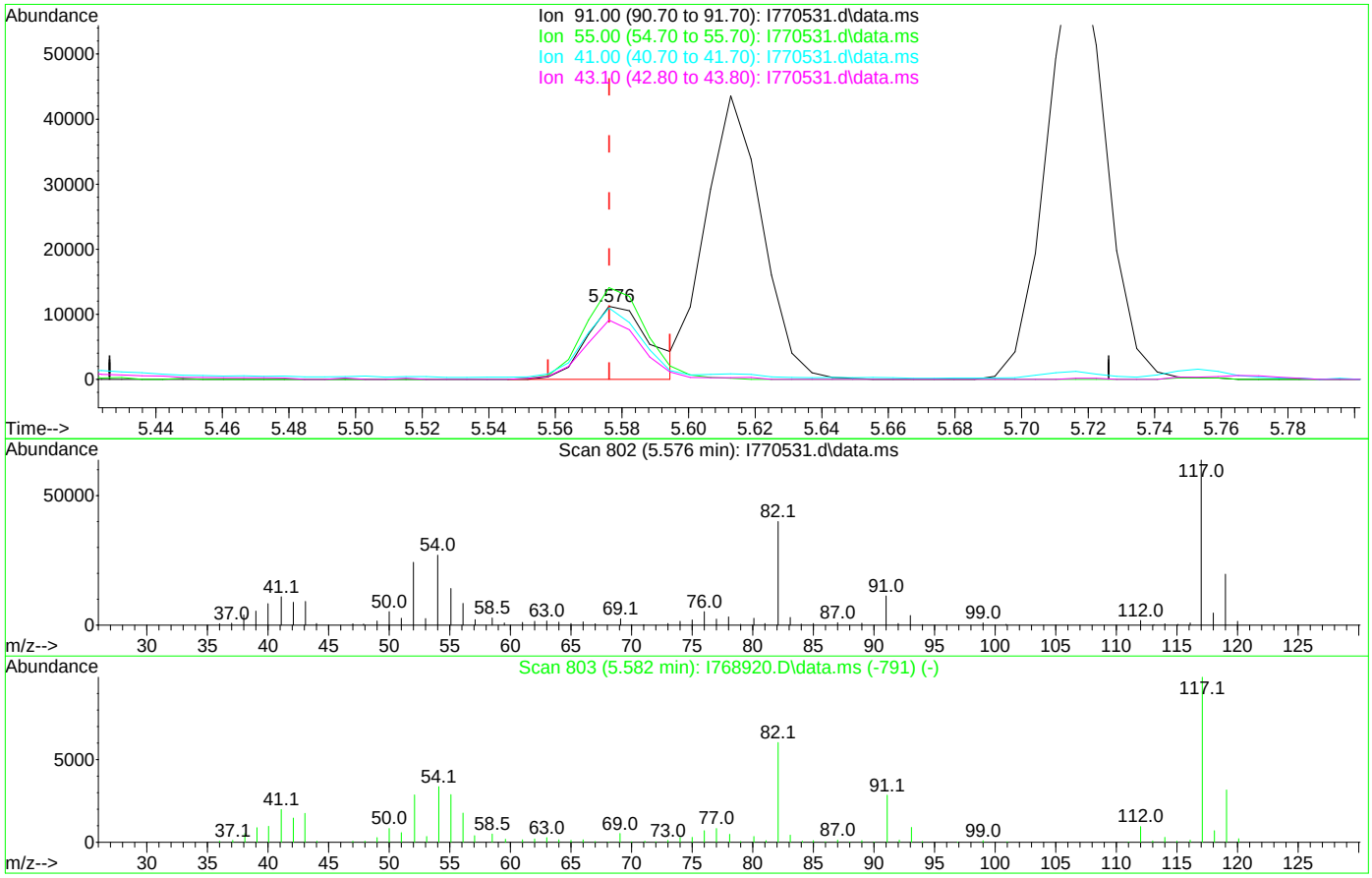
response 9727

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	124.94#
41.00	64.20	93.15#
43.10	52.80	79.80#

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 11:01:35 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770531.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 19.75ug/L m

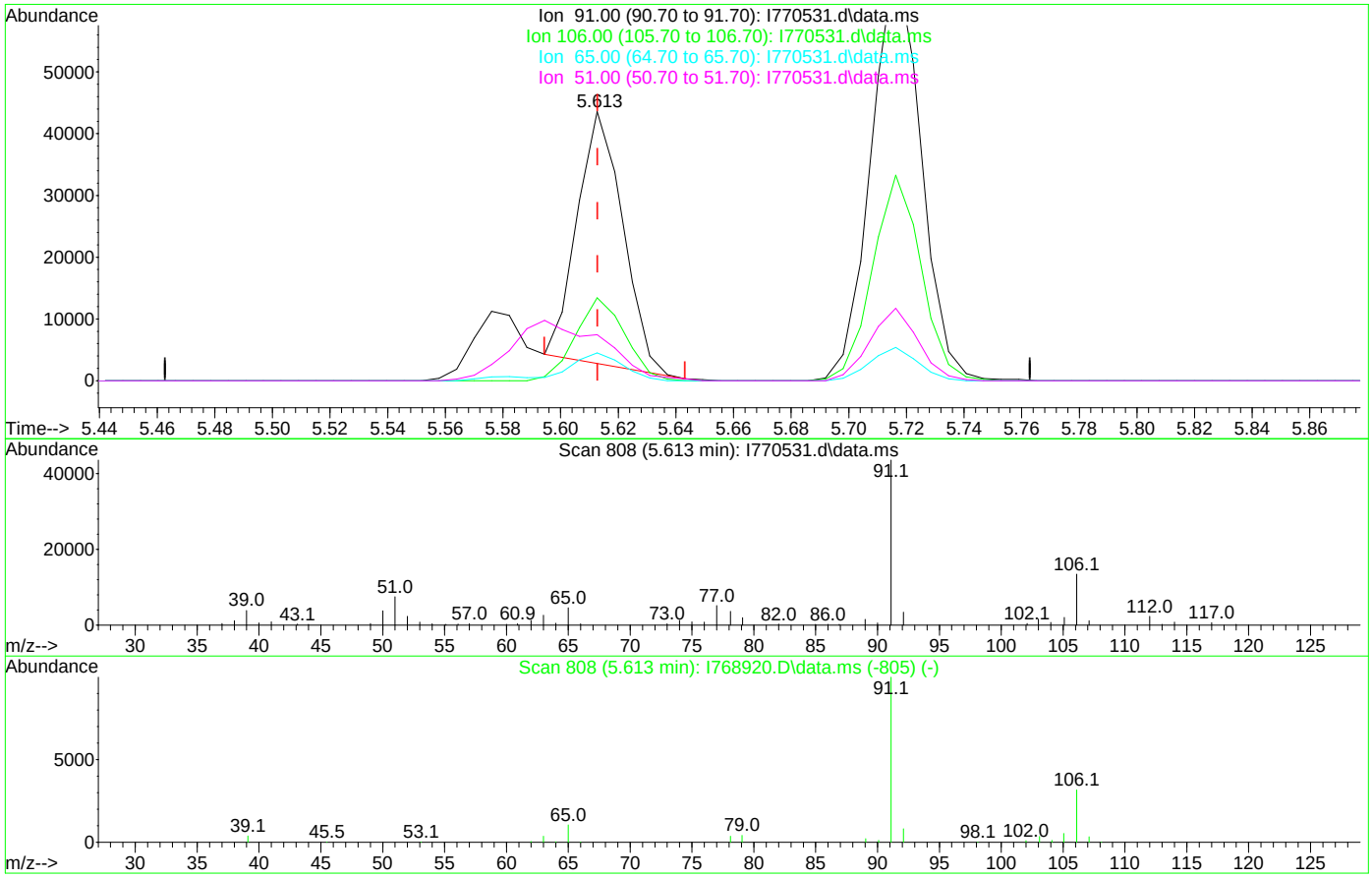
response 14841

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	125.68#
41.00	64.20	97.60#
43.10	52.80	80.97#

Quantitation Report (Qedit)

```
  Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
  Data File : I770531.d
  Acq On    :  7 Apr 2025   4:07 pm
  Operator  : jeniferw
  Sample    : FC23653-3MS                              Inst    : VOA16-MSI
  Misc      : MS58824,VI3525,,,,,
  ALS Vial  : 26   Sample Multiplier: 1

  Quant Time: Apr 08 11:22:46 2025
  Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
...              02025.M
  Quant Title  : SW-846 Method 5035A/8260D
  QLast Update : Mon Mar 31 06:03:02 2025
  Response via : Initial Calibration
```



TIC: I770531.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 17.52ug/L

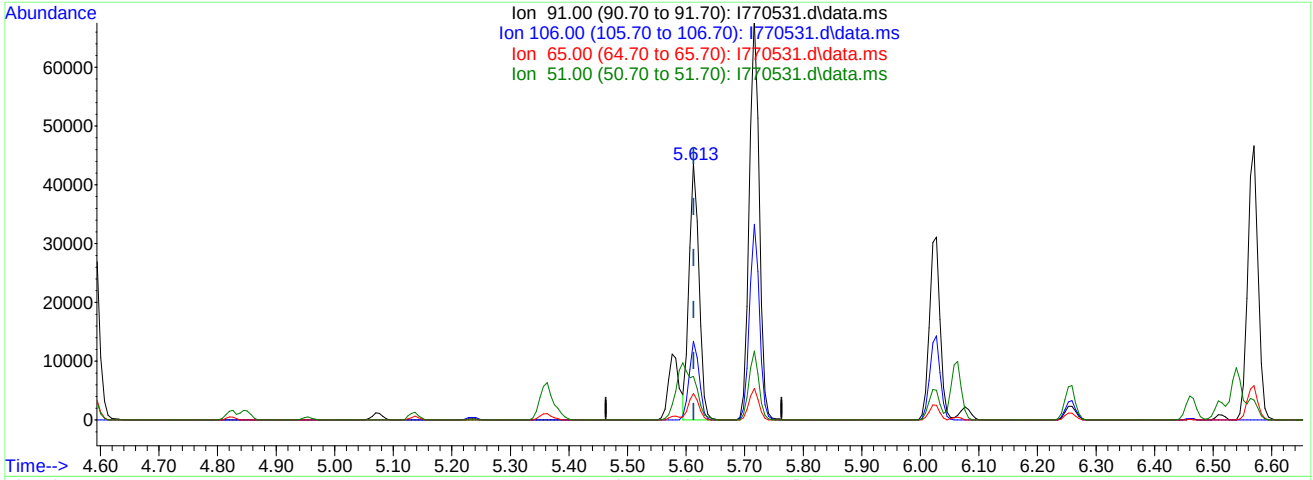
response 44196

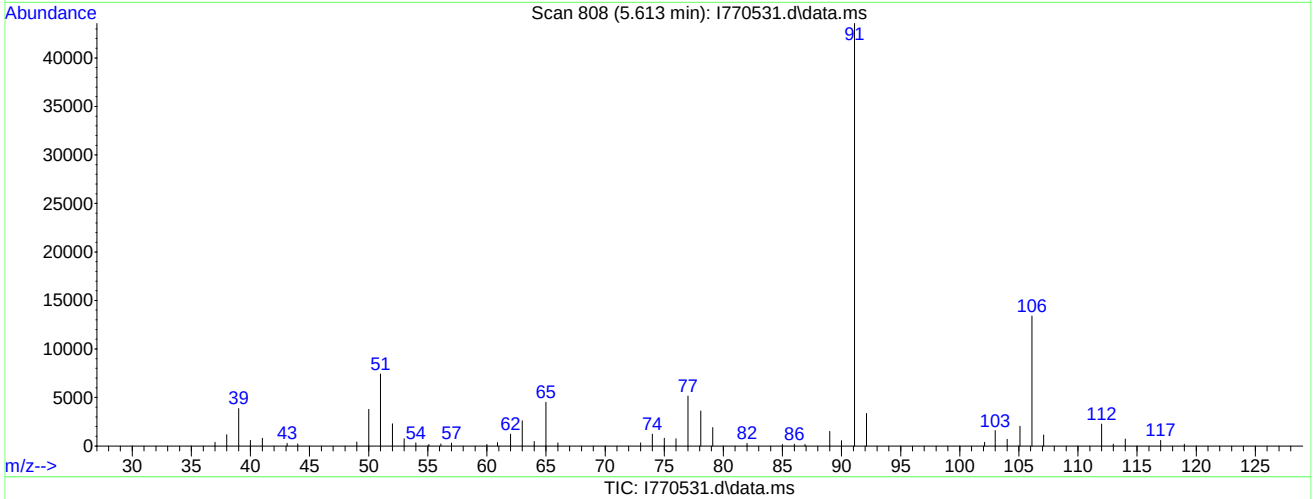
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.99
65.00	9.50	10.43
51.00	11.40	16.42

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\
Data File : I770531.d
Acq On : 7 Apr 2025 4:07 pm
Operator : jeniferw
Sample : FC23653-3MS Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 08 07:23:13 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770531.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 20.19ug/L m

response 50926

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.78
65.00	9.50	10.36
51.00	11.40	17.04

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/08/25 08:53

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\V
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:24:28 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	151802	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	107297	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	58027	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46554	50.95	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.90%			
49) 1,2-Dichloroethane-d4	3.461	65	66253	52.18	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 104.36%			
63) Toluene-d8	4.552	98	144390	47.64	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.28%			
86) 4-Bromofluorobenzene	6.466	174	42019	48.85	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 97.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	12822	19.1213	ug/L	98
3) Chloromethane	1.205	50	15617	17.8778	ug/L	100
4) 1,3-butadiene	1.272	39	20442	24.5060	ug/L	94
5) Vinyl Chloride	1.260	62	14346	19.9477	ug/L	99
6) Bromomethane	1.455	94	5179	14.6819	ug/L	97
7) Chloroethane	1.516	64	7513	22.0596	ug/L	96
8) Trichlorofluoromethane	1.601	101	21115	21.0698	ug/L	96
9) Ethyl Ether	1.784	59	16744	20.4782	ug/L	81
10) Ethanol	1.876	45	17157	494.5548	ug/L	98
11) 1,2-Dichlorotrifluoroe...	1.888	67	17091	22.5239	ug/L	96
12) 1,1-Dichloroethene	1.894	61	25129	19.5773	ug/L	92
13) Freon 113	1.918	101	13384	22.8785	ug/L	97
14) Carbon Disulfide	1.912	76	40260	20.9734	ug/L	84
15) Iodomethane	1.979	142	8594	14.6059	ug/L	92
16) Acrolein	2.083	56	24899	78.8843	ug/L	98
17) Allyl chloride	2.156	41	30664	21.4014	ug/L	91
18) Methylene Chloride	2.211	49	31653	21.8611	ug/L	78
19) Acetone	2.241	43	80289	118.5327	ug/L	99
20) Methyl acetate	2.302	43	194050	111.5972	ug/L	91
21) trans-1,2-Dichloroethene	2.296	61	26308	22.1531	ug/L	90
22) Hexane	2.339	56	15149	19.9367	ug/L #	72
23) Methyl Tert Butyl Ether	2.363	73	44247	21.5871	ug/L #	63
24) Acetonitrile	2.491	41	54857	217.0775	ug/L	98
25) Tert Butyl Alcohol	2.412	59	121015	287.0925	ug/L	82
26) Di-isopropyl ether	2.558	45	61683	20.2730	ug/L	95
27) Chloroprene	2.656	53	85096	23.8755	ug/L	81
28) 1,1-Dichloroethane	2.625	63	26944	20.8977	ug/L	97
29) Acrylonitrile	2.656	52	67419	116.8855	ug/L #	68
30) ETBE	2.753	59	55106	21.3294	ug/L	90
31) Vinyl acetate	2.753	43	293735	110.5966	ug/L	100
32) cis-1,2-Dichloroethene	2.918	96	24005	42.0183	ug/L	86
33) 2,2-Dichloropropane	2.979	77	19380	20.3611	ug/L	97
34) Bromochloromethane	3.028	128	6290	21.9305	ug/L #	62
35) Cyclohexane	3.034	56	28842	21.8859	ug/L #	88
36) Chloroform	3.058	83	24408	21.1616	ug/L	92
37) Ethyl acetate	3.119	43	210840	109.6840	ug/L	94
38) Tetrahydrofuran	3.156	42	16210	20.8968	ug/L	91
40) Carbon Tetrachloride	3.144	117	19771m	21.8002	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	21843	22.5020	ug/L	95
42) 2-Butanone	3.229	43	124117	107.6990	ug/L	86
43) 1,1-Dichloropropene	3.247	75	16246	23.1200	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:24:28 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	tert-Butyl formate	3.308	59	23545	28.1174	ug/L		91
45)	Propionitrile	3.394	54	77026	253.4130	ug/L	#	46
46)	Methacrylonitrile	3.406	41	227314	240.5275	ug/L		96
47)	Benzene	3.387	78	44102	20.0434	ug/L	#	51
48)	TAME	3.442	73	35878	20.7764	ug/L		79
50)	1,2-Dichloroethane	3.497	62	24466	21.5793	ug/L		92
51)	Isobutyl Alcohol	3.442	43	14791	382.3521	ug/L		74
52)	Tert Amyl Alcohol	3.552	59	79921	249.9987	ug/L		86
53)	Trichloroethene	3.711	95	16289	26.4217	ug/L		99
54)	Methylcyclohexane	3.711	83	16138	20.9487	ug/L	#	68
55)	Dibromomethane	3.961	93	9326	21.1660	ug/L		96
56)	1,2-Dichloropropane	4.015	63	14143	20.5302	ug/L		89
57)	Bromodichloromethane	4.052	83	18514	21.1637	ug/L	#	90
58)	Methyl methacrylate	4.137	41	23045	21.8464	ug/L		87
59)	1,4-Dioxane	4.174	88	7097	438.6938	ug/L	#	59
61)	cis-1,3-Dichloropropene	4.436	75	18813	19.4777	ug/L		87
64)	Toluene	4.588	91	46446	20.5116	ug/L		100
65)	2-Nitropropane	4.729	41	58970	123.7099	ug/L		97
66)	4-Methyl-2-pentanone	4.820	43	215464	123.7609	ug/L		95
67)	trans-1,3-Dichloropropene	4.845	75	20131	20.6268	ug/L		85
68)	Tetrachloroethene	4.838	166	33982	60.1579	ug/L		89
69)	Ethyl methacrylate	4.948	69	18182	22.8376	ug/L	#	69
70)	1,1,2-Trichloroethane	4.954	83	10136	21.3686	ug/L		82
71)	Dibromochloromethane	5.070	129	15162	22.1252	ug/L		98
72)	1,3-Dichloropropane	5.137	76	19923	20.8828	ug/L		82
73)	1,2-Dibromoethane	5.235	107	12945	20.2163	ug/L		100
74)	3,3-Dimethyl-1-Butanol	5.363	57	550438	1659.1134	ug/L		85
75)	2-hexanone	5.381	43	283627	140.4384	ug/L		79
76)	1-Chlorohexane	5.576	91	15509m	20.5264	ug/L		
77)	Ethylbenzene	5.613	91	52055m	20.5265	ug/L		
78)	Chlorobenzene	5.594	112	31831	21.2713	ug/L		93
79)	1,1,1,2-Tetrachloroethane	5.637	131	12706	21.0301	ug/L		96
80)	m,p-Xylene	5.716	91	82491	41.8614	ug/L		97
81)	o-Xylene	6.021	91	39278	20.7596	ug/L		99
82)	Styrene	6.064	104	28964	20.4129	ug/L		93
83)	Bromoform	6.076	173	10280	20.1056	ug/L		96
84)	Isopropylbenzene	6.259	105	48524	21.7903	ug/L		98
87)	cis-1,4-Dichloro-2-butene	6.509	53	10680	20.6923	ug/L	#	74
88)	n-Propylbenzene	6.570	91	58256	21.6175	ug/L		100
89)	Bromobenzene	6.539	156	13252	21.2285	ug/L		93
90)	1,1,2,2-Tetrachloroethane	6.612	83	19314	20.8510	ug/L		95
91)	1,3,5-Trimethylbenzene	6.722	105	40598	22.2406	ug/L		98
92)	2-Chlorotoluene	6.680	91	32377	21.5067	ug/L		98
93)	trans-1,4-Dichloro-2-B...	6.753	53	8950	19.0179	ug/L	#	76
94)	1,2,3-Trichloropropane	6.716	110	6767	22.4439	ug/L		89
95)	Cyclohexanone	6.747	55	12479	125.7243	ug/L		90
96)	4-Chlorotoluene	6.808	91	37970	22.1728	ug/L		95
97)	tert-Butylbenzene	6.966	91	23182	22.4463	ug/L		96
98)	1,2,4-Trimethylbenzene	7.021	105	40647	21.6319	ug/L		99
99)	Pentachloroethane	6.978	167	9021	25.3151	ug/L	#	1
100)	sec-Butylbenzene	7.106	105	43303	20.7766	ug/L		98
101)	4-Isopropyltoluene	7.222	119	36091	20.8061	ug/L		98
102)	1,3-Dichlorobenzene	7.265	146	24627	21.9677	ug/L		97
103)	1,2,3-Trimethylbenzene	7.356	105	42502	22.5437	ug/L		98
104)	1,4-Dichlorobenzene	7.338	146	25092	21.0887	ug/L		98
105)	n-Butylbenzene	7.539	92	21370	22.1556	ug/L		93
106)	Benzyl Chloride	7.521	126	6665	19.3688	ug/L	#	91

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:24:28 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

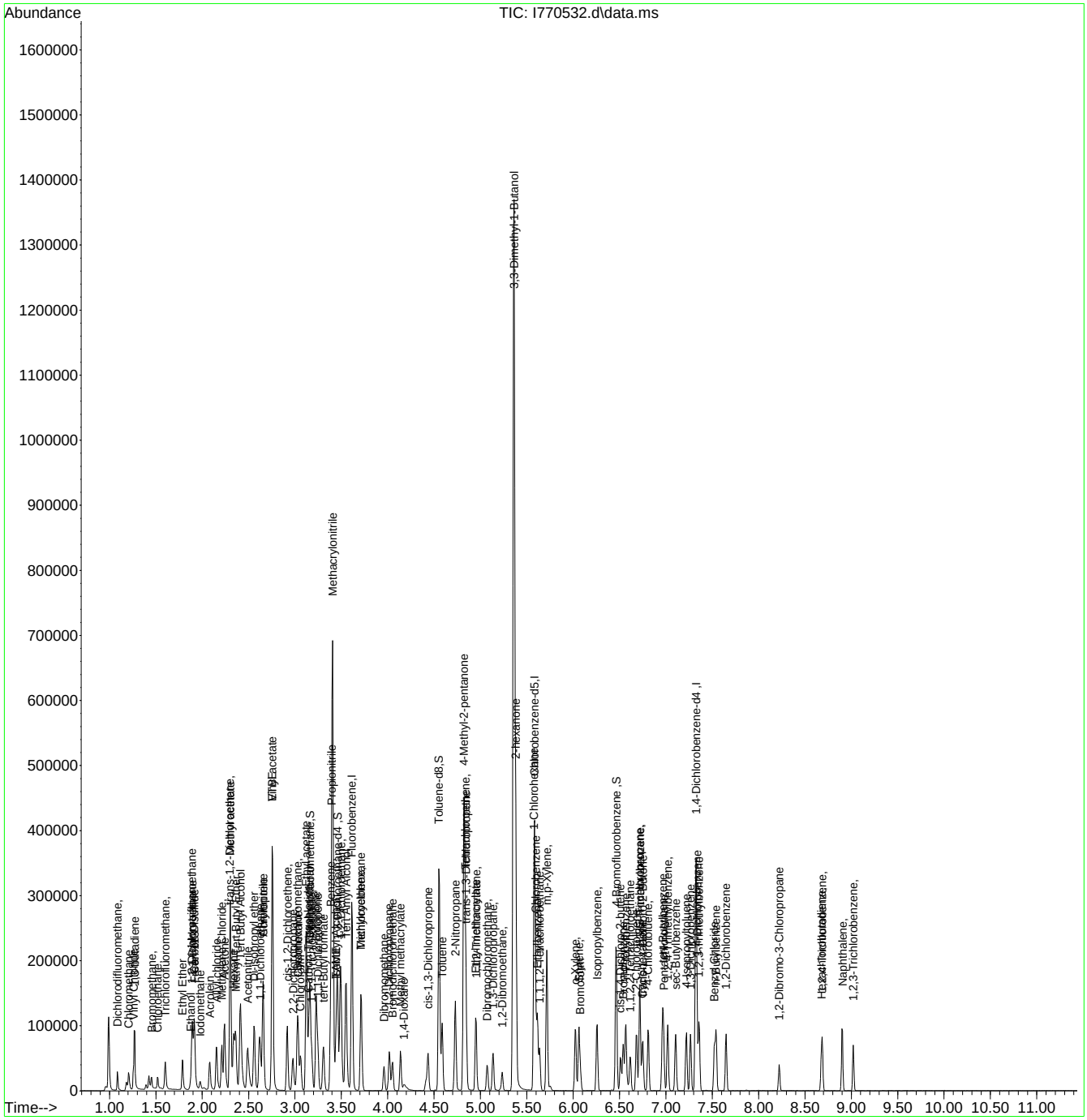
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
107) 1,2-Dichlorobenzene	7.649	146	23391	21.8821 ug/L	97
108) 1,2-Dibromo-3-Chloropr...	8.222	75	6477	21.6870 ug/L	92
109) Hexachlorobutadiene	8.679	225	4915	20.5112 ug/L	92
110) 1,2,4-Trichlorobenzene	8.685	180	12201	20.7798 ug/L	98
111) Naphthalene	8.905	128	45903	21.4320 ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	12060	22.1677 ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:24:28 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

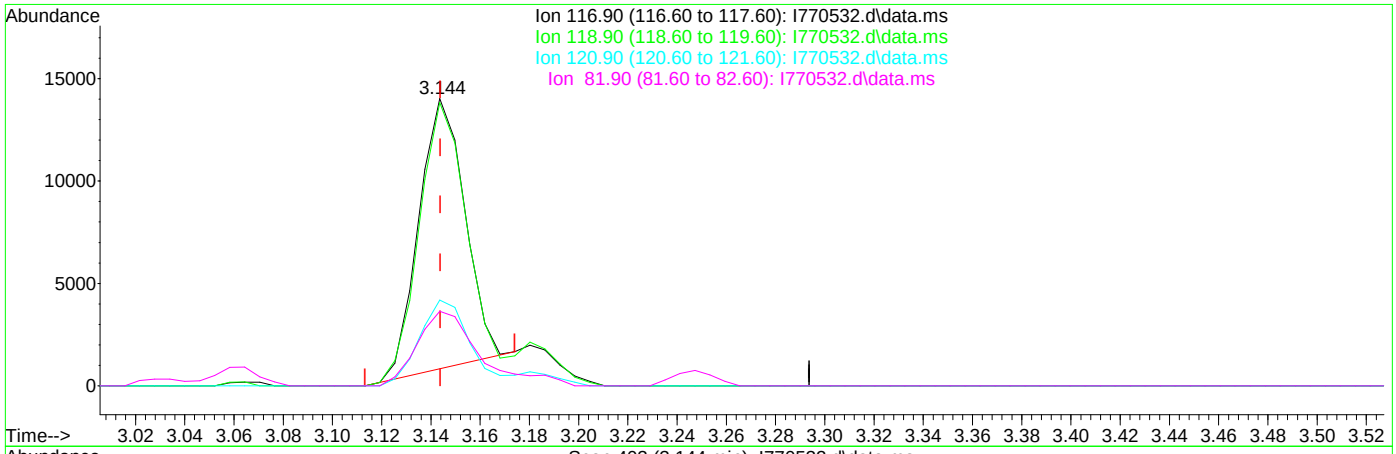
Sample Number: FC23653-3MSD
Lab FileID: I770532.D
Injection Time: 04/07/25 16:24
Method: SW846 8260D
Analyst approved: 04/08/25 07:45 Lotus Acosta
Supervisor approved: 04/08/25 08:53 Neil Christiana

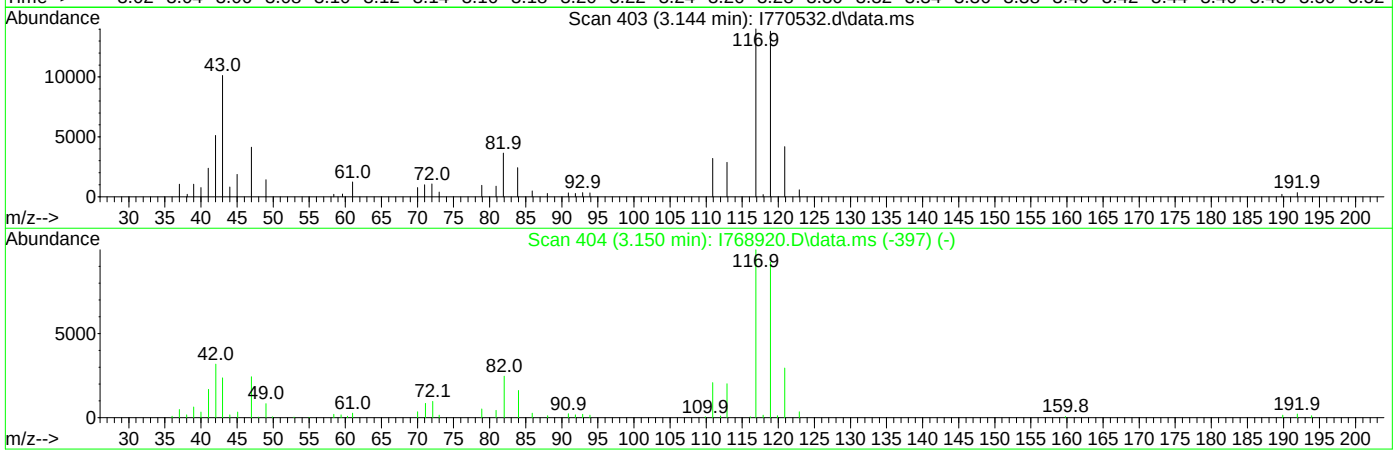
Parameter	CAS	Sig#	R.T. (min.)	Reason
Carbon Tetrachloride	56-23-5		3.14	Overlapping peak
1-Chlorohexane	544-10-5		5.58	Overlapping peak
Ethylbenzene	100-41-4		5.61	Overlapping peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770532.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 19.11ug/L

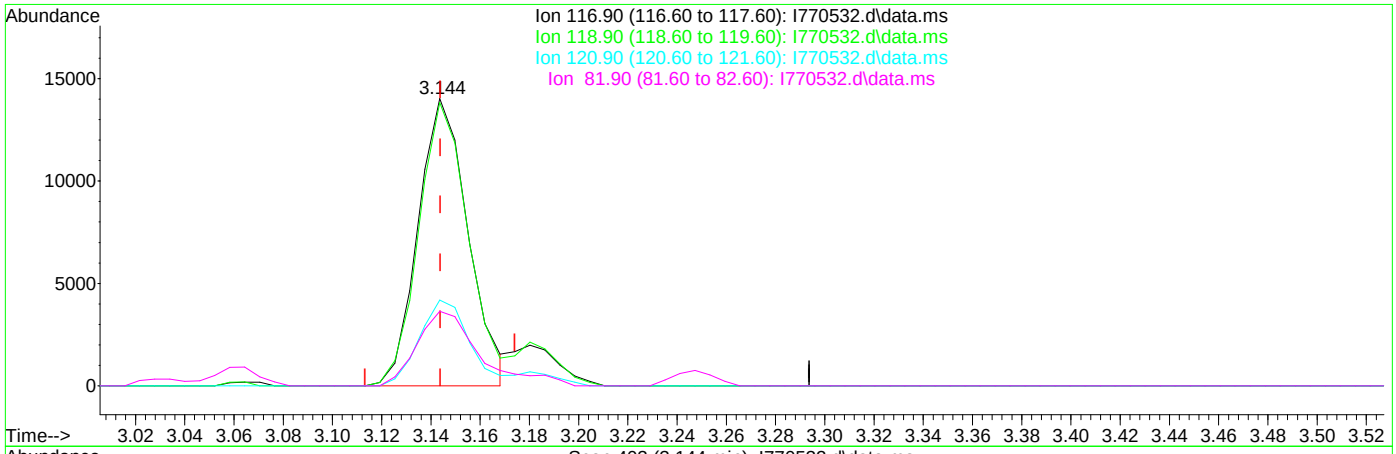
response 17335

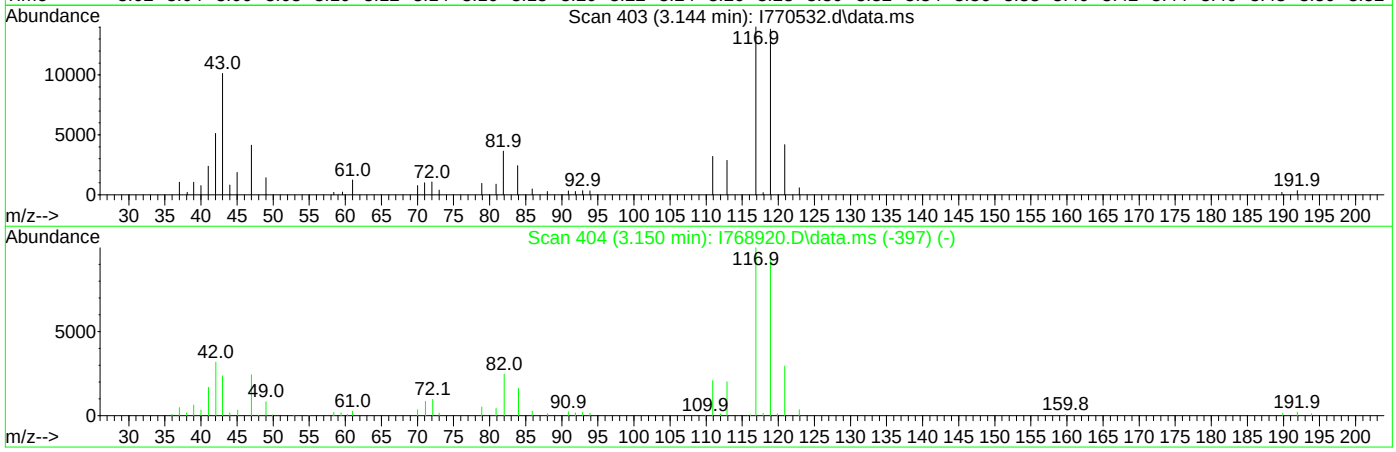
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	98.63
120.90	29.40	29.82
81.90	25.70	25.99

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770532.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 21.80ug/L m

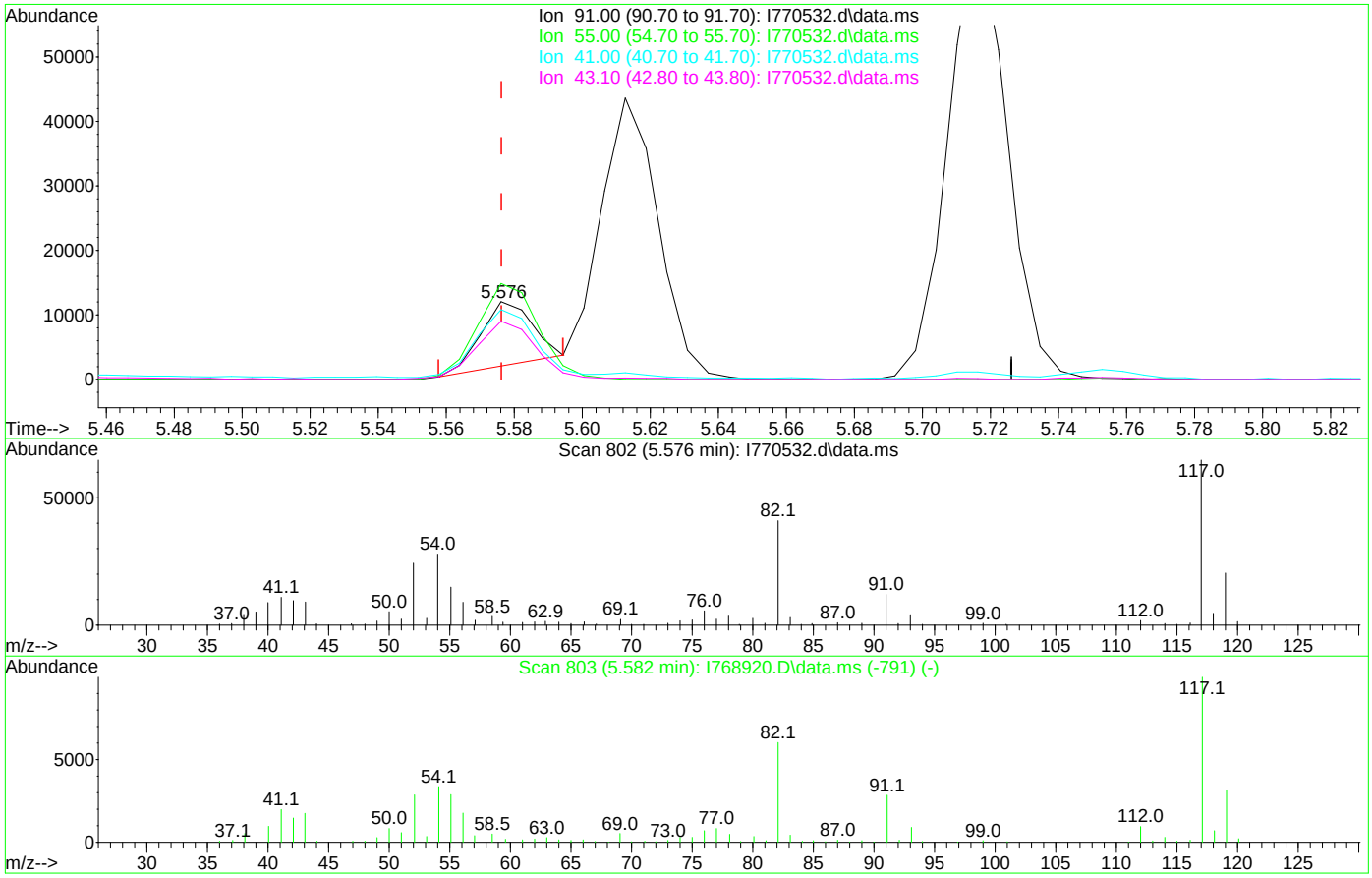
response 19771

Ion	Exp%	Act%
116.90	100	100
118.90	95.50	98.63
120.90	29.40	29.82
81.90	25.70	25.99

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770532.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 14.51ug/L

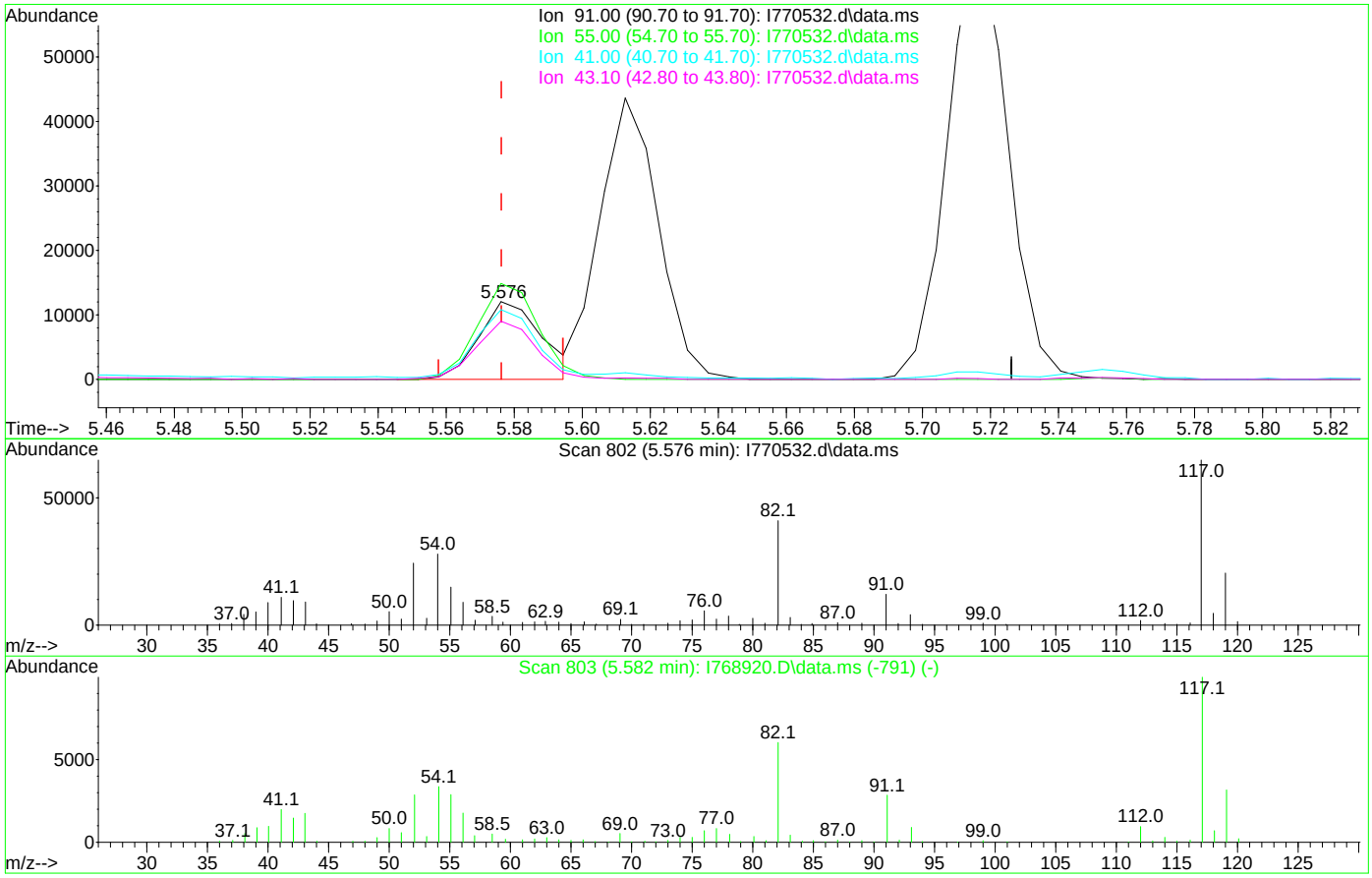
response 10960

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	122.03#
41.00	64.20	86.20#
43.10	52.80	73.61#

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770532.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 20.53ug/L m

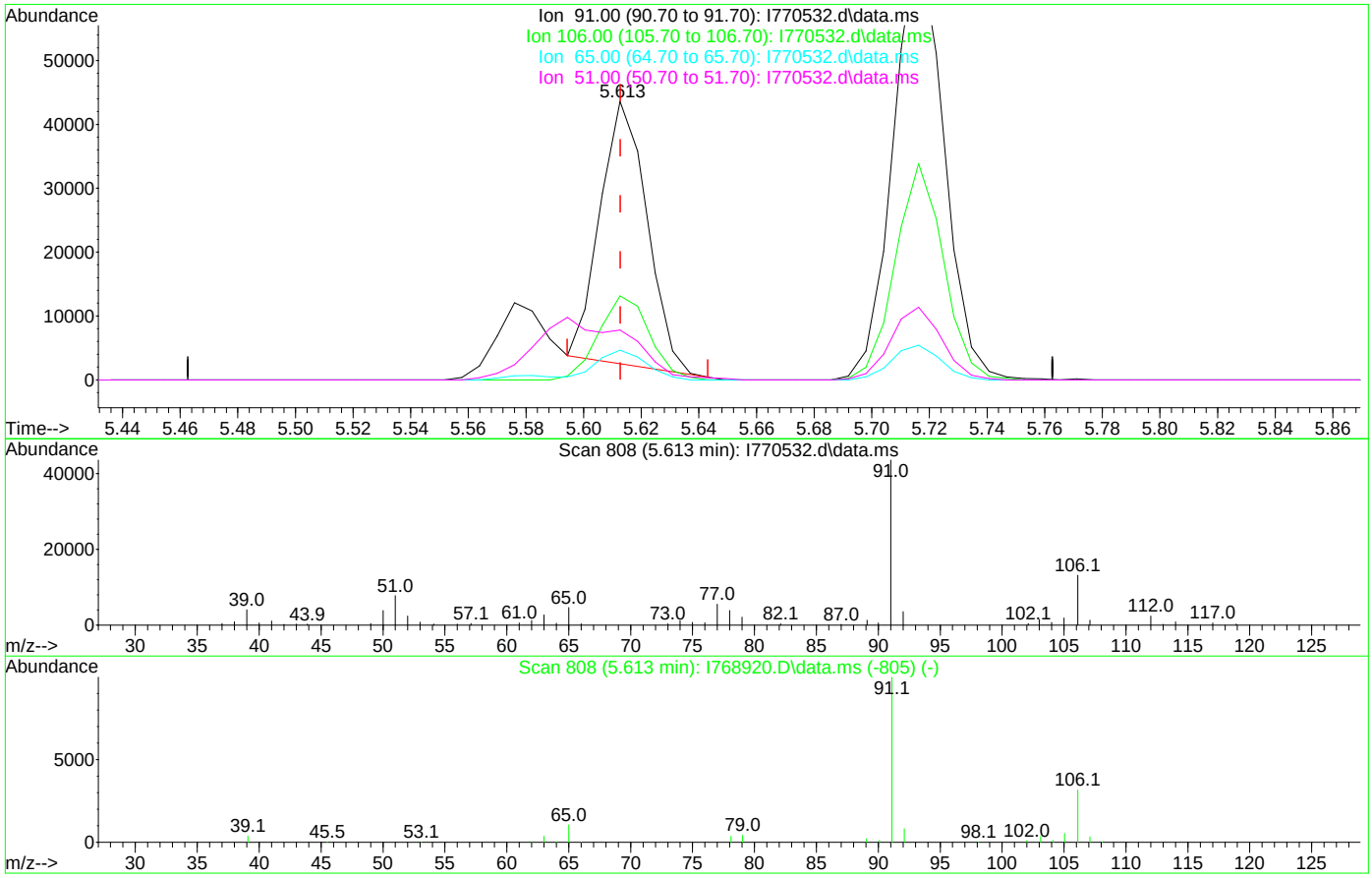
response 15509

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	123.35#
41.00	64.20	89.91#
43.10	52.80	74.85#

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770532.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 18.13ug/L

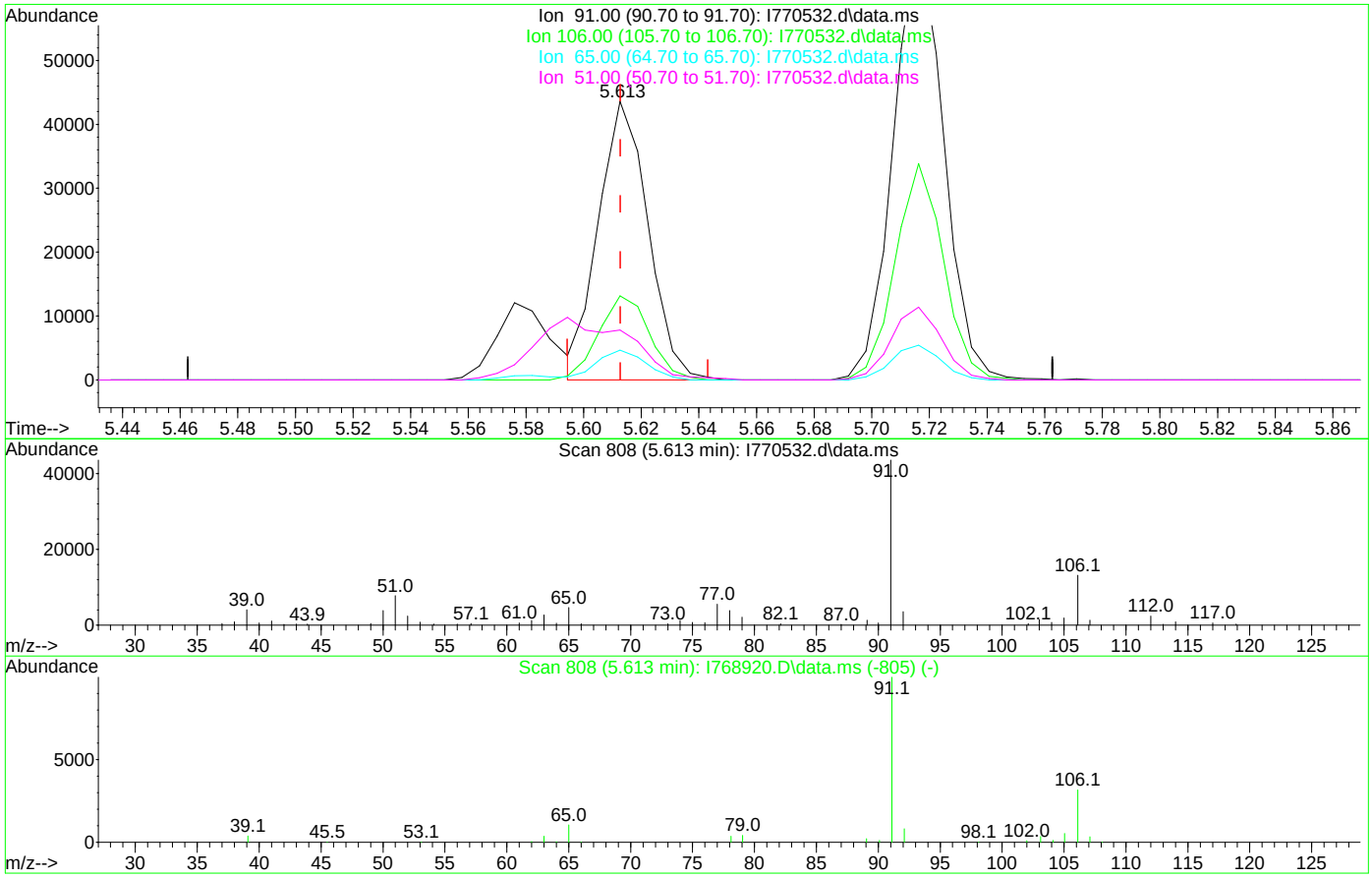
response 45966

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.46
65.00	9.50	10.73
51.00	11.40	17.29

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770532.d
Acq On : 7 Apr 2025 4:24 pm
Operator : jeniferw
Sample : FC23653-3MSD Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 08 11:01:44 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770532.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 20.53ug/L m

response 52055

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.18
65.00	9.50	10.63
51.00	11.40	17.82

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770562.d
Acq On : 8 Apr 2025 3:35 pm
Operator : jeniferw
Sample : FC23706-8MS Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 08 15:31:11 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	151582	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	107749	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	57673	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46573	51.05	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.10%			
49) 1,2-Dichloroethane-d4	3.461	65	66794	52.68	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.36%			
63) Toluene-d8	4.558	98	142307	46.75	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.50%			
86) 4-Bromofluorobenzene	6.466	174	42318	49.50	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	12459	18.6070	ug/L	98
3) Chloromethane	1.211	50	14984	17.1781	ug/L	99
4) 1,3-butadiene	1.272	39	24084	28.9139	ug/L	99
5) Vinyl Chloride	1.260	62	13615	18.9587	ug/L	96
6) Bromomethane	1.455	94	4531	12.8635	ug/L	99
7) Chloroethane	1.522	64	8483	25.0081	ug/L	93
8) Trichlorofluoromethane	1.607	101	20426	20.4118	ug/L	97
9) Ethyl Ether	1.790	59	17655	21.6237	ug/L	84
10) Ethanol	1.876	45	15415	441.1586	ug/L	92
11) 1,2-Dichlorotrifluoroe...	1.894	67	17782	23.4686	ug/L	96
12) 1,1-Dichloroethene	1.900	61	26387	20.5873	ug/L	94
13) Freon 113	1.918	101	14093	24.1254	ug/L	95
14) Carbon Disulfide	1.918	76	40991	21.3852	ug/L	86
15) Iodomethane	1.979	142	8635	14.6940	ug/L	91
16) Acrolein	2.083	56	25088	79.5929	ug/L	100
17) Allyl chloride	2.156	41	31776	22.2097	ug/L	90
18) Methylene Chloride	2.211	49	32785	22.6758	ug/L	77
19) Acetone	2.241	43	74339	109.4668	ug/L	96
20) Methyl acetate	2.302	43	188844	108.7608	ug/L	91
21) trans-1,2-Dichloroethene	2.302	61	24758	20.8781	ug/L	95
22) Hexane	2.339	56	16840	22.1943	ug/L #	75
23) Methyl Tert Butyl Ether	2.363	73	46095	22.5213	ug/L	69
24) Acetonitrile	2.491	41	53680	212.5845	ug/L	98
25) Tert Butyl Alcohol	2.406	59	111419	264.7109	ug/L	83
26) Di-isopropyl ether	2.558	45	65637	21.6039	ug/L	95
27) Chloroprene	2.656	53	78533	22.0661	ug/L	82
28) 1,1-Dichloroethane	2.632	63	28708	22.2981	ug/L	99
29) Acrylonitrile	2.656	52	63077	109.5165	ug/L #	67
30) ETBE	2.753	59	58024	22.4915	ug/L	91
31) Vinyl acetate	2.760	43	290520	109.5449	ug/L	98
32) cis-1,2-Dichloroethene	2.918	96	13125	23.0073	ug/L #	82
33) 2,2-Dichloropropane	2.979	77	21467	22.5865	ug/L	98
34) Bromochloromethane	3.028	128	6770	23.6383	ug/L #	60
35) Cyclohexane	3.034	56	30865	23.4550	ug/L #	87
36) Chloroform	3.064	83	25879	22.4695	ug/L	95
37) Ethyl acetate	3.125	43	199264	103.8124	ug/L	94
38) Tetrahydrofuran	3.156	42	16083	20.7632	ug/L	93
40) Carbon Tetrachloride	3.150	117	19174	21.1726	ug/L	98
41) 1,1,1-Trichloroethane	3.180	97	22979	23.7066	ug/L	95
42) 2-Butanone	3.229	43	115910	100.7236	ug/L	85
43) 1,1-Dichloropropene	3.247	75	17130	24.4134	ug/L	91
44) tert-Butyl formate	3.308	59	17629	21.0831	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770562.d
Acq On : 8 Apr 2025 3:35 pm
Operator : jeniferw
Sample : FC23706-8MS Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 08 15:31:11 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	76021	250.4696	ug/L	#	45
46) Methacrylonitrile	3.406	41	228577	242.2150	ug/L		95
47) Benzene	3.387	78	46663	21.2381	ug/L	#	54
48) TAME	3.448	73	37609	21.8104	ug/L		79
50) 1,2-Dichloroethane	3.497	62	26281	23.2138	ug/L		93
51) Isobutyl Alcohol	3.448	43	15537	402.2194	ug/L		65
52) Tert Amyl Alcohol	3.546	59	69122	216.5324	ug/L		86
53) Trichloroethene	3.717	95	13499	21.9280	ug/L		97
54) Methylcyclohexane	3.717	83	18061	23.4789	ug/L	#	75
55) Dibromomethane	3.961	93	9852	22.3923	ug/L		98
56) 1,2-Dichloropropane	4.021	63	15393	22.3772	ug/L		93
57) Bromodichloromethane	4.052	83	19104	21.8698	ug/L	#	93
58) Methyl methacrylate	4.137	41	23902	22.6917	ug/L		85
59) 1,4-Dioxane	4.174	88	7157	443.0448	ug/L		72
61) cis-1,3-Dichloropropene	4.436	75	19759	20.4868	ug/L		87
64) Toluene	4.588	91	48831	21.4744	ug/L		100
65) 2-Nitropropane	4.729	41	58020	121.2064	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	204471	116.9539	ug/L		95
67) trans-1,3-Dichloropropene	4.844	75	21101	21.5300	ug/L		84
68) Tetrachloroethene	4.838	166	13160	23.1992	ug/L		88
69) Ethyl methacrylate	4.948	69	18771	23.4785	ug/L	#	71
70) 1,1,2-Trichloroethane	4.954	83	10633	22.3223	ug/L	#	82
71) Dibromochloromethane	5.076	129	15443	22.4407	ug/L		96
72) 1,3-Dichloropropane	5.137	76	20508	21.4058	ug/L		79
73) 1,2-Dibromoethane	5.235	107	14102	21.9308	ug/L		98
74) 3,3-Dimethyl-1-Butanol	5.357	57	384293	1153.4651	ug/L		83
75) 2-hexanone	5.381	43	240438	118.5538	ug/L	#	74
76) 1-Chlorohexane	5.576	91	11565	15.2423	ug/L	#	60
77) Ethylbenzene	5.613	91	48232	18.9393	ug/L		95
78) Chlorobenzene	5.594	112	33159	22.0658	ug/L		94
79) 1,1,1,2-Tetrachloroethane	5.637	131	13268	21.8682	ug/L		92
80) m,p-Xylene	5.716	91	86272	43.5965	ug/L		99
81) o-Xylene	6.027	91	41081	21.6215	ug/L		99
82) Styrene	6.064	104	33628	23.6005	ug/L		95
83) Bromoform	6.076	173	10758	20.9522	ug/L		94
84) Isopropylbenzene	6.259	105	51319	22.9487	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	10519	20.5054	ug/L	#	74
88) n-Propylbenzene	6.570	91	62495	23.3328	ug/L		95
89) Bromobenzene	6.539	156	14090	22.7094	ug/L		92
90) 1,1,2,2-Tetrachloroethane	6.619	83	20060	21.7893	ug/L		97
91) 1,3,5-Trimethylbenzene	6.722	105	43395	23.9188	ug/L		98
92) 2-Chlorotoluene	6.686	91	34219	22.8698	ug/L		95
93) trans-1,4-Dichloro-2-B...	6.753	53	8597	18.3800	ug/L	#	78
94) 1,2,3-Trichloropropane	6.716	110	6941	23.1624	ug/L		94
95) Cyclohexanone	6.747	55	10561	107.0538	ug/L		90
96) 4-Chlorotoluene	6.808	91	39764	23.3629	ug/L		97
97) tert-Butylbenzene	6.966	91	25295	24.6426	ug/L		92
98) 1,2,4-Trimethylbenzene	7.021	105	43911	23.5124	ug/L		99
99) Pentachloroethane	6.978	167	8922	25.1909	ug/L	#	1
100) sec-Butylbenzene	7.106	105	47751	23.0514	ug/L		99
101) 4-Isopropyltoluene	7.222	119	39218	22.7476	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	25845	23.1957	ug/L		96
103) 1,2,3-Trimethylbenzene	7.356	105	45256	24.1518	ug/L		99
104) 1,4-Dichlorobenzene	7.338	146	26826	22.6844	ug/L		97
105) n-Butylbenzene	7.539	92	22835	23.8198	ug/L		89
106) Benzyl Chloride	7.527	126	7452	21.7888	ug/L		97
107) 1,2-Dichlorobenzene	7.649	146	25074	23.6005	ug/L		96
108) 1,2-Dibromo-3-Chloropr...	8.222	75	6409	21.5910	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770562.d
Acq On : 8 Apr 2025 3:35 pm
Operator : jeniferw
Sample : FC23706-8MS Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 08 15:31:11 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

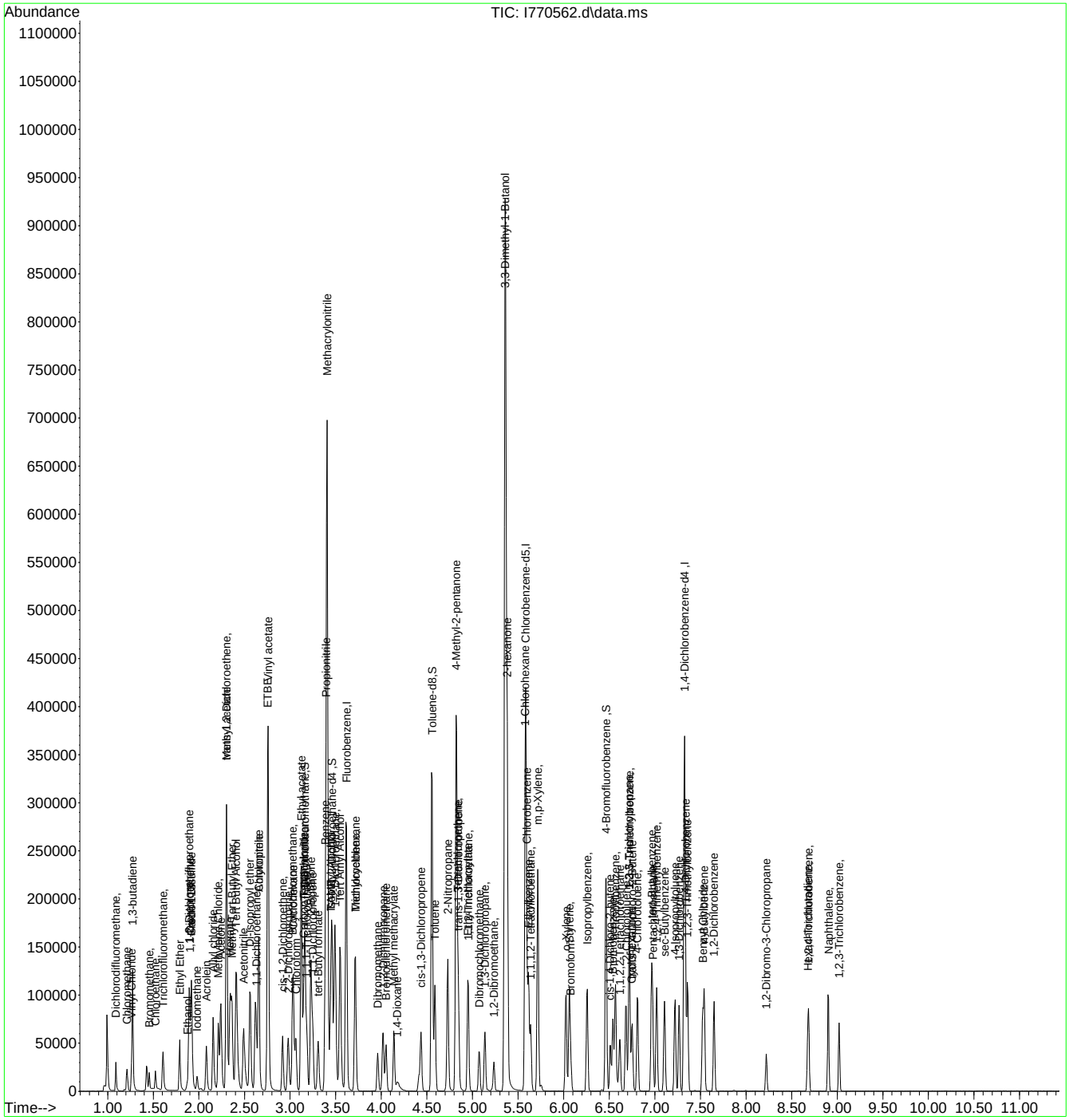
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
109) Hexachlorobutadiene	8.679	225	5037	21.1493 ug/L	88
110) 1,2,4-Trichlorobenzene	8.685	180	12829	21.9835 ug/L	95
111) Naphthalene	8.905	128	47500	22.3137 ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	12601	23.3043 ug/L	97

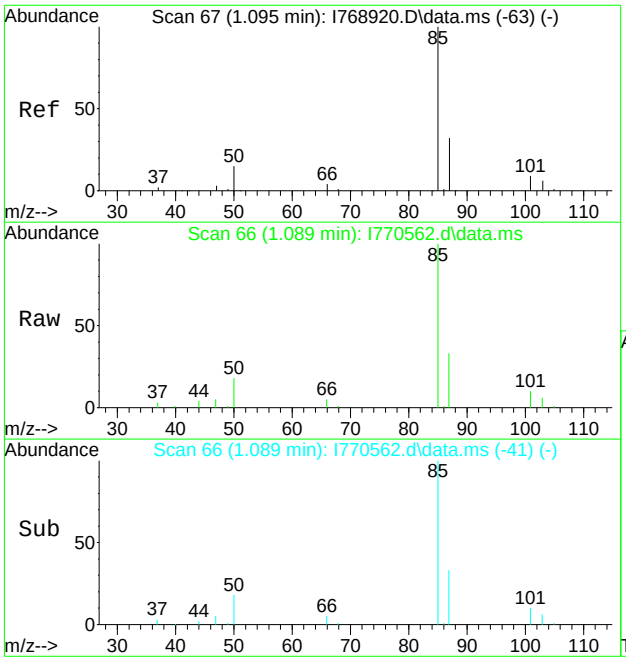
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770562.d
Acq On : 8 Apr 2025 3:35 pm
Operator : jeniferw
Sample : FC23706-8MS Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 08 15:31:11 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

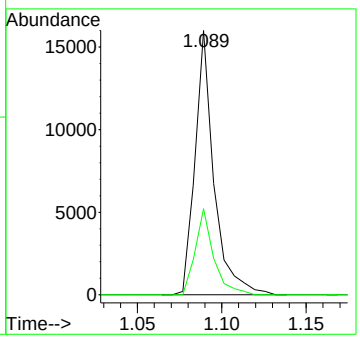


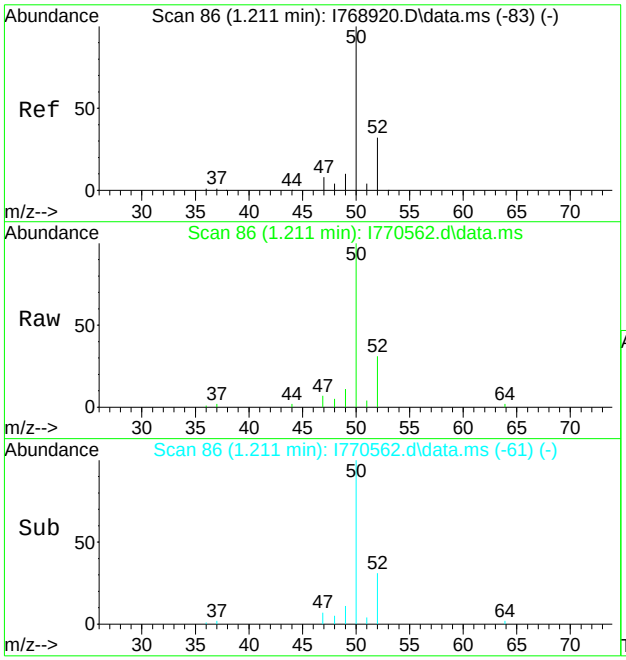


#2
Dichlorodifluoromethane
Concen: 18.6070 ug/L
RT: 1.089 min Scan# 66
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 85 Resp: 12459

Ion	Ratio	Lower	Upper
85	100		
87	32.5	3.4	63.4

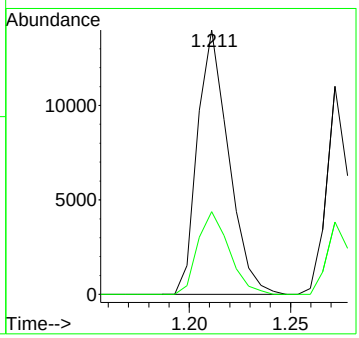


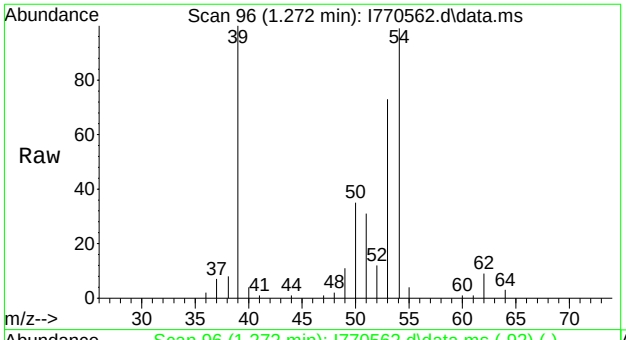


#3
Chloromethane
Concen: 17.1781 ug/L
RT: 1.211 min Scan# 86
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 50 Resp: 14984

Ion	Ratio	Lower	Upper
50	100		
52	31.3	1.8	61.8

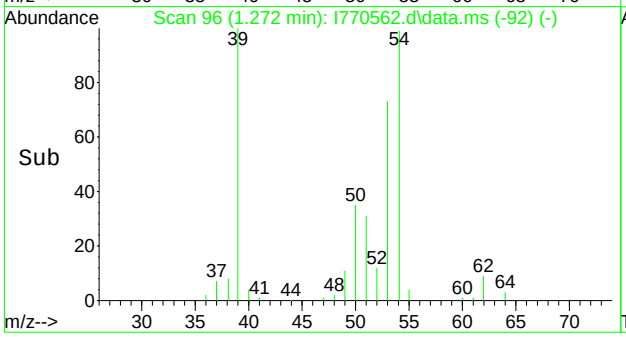


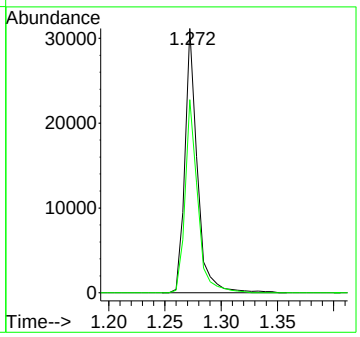


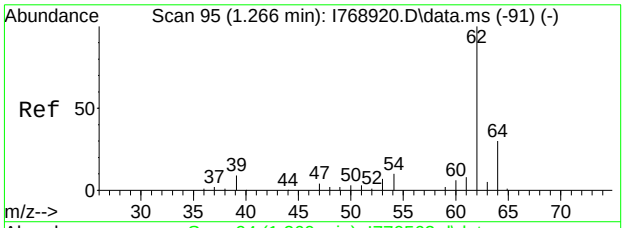
#4
1,3-butadiene
Concen: 28.9139 ug/L
RT: 1.272 min Scan# 96
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 39 Resp: 24084

Ion	Ratio	Lower	Upper
39	100		
53	73.0	52.1	92.1



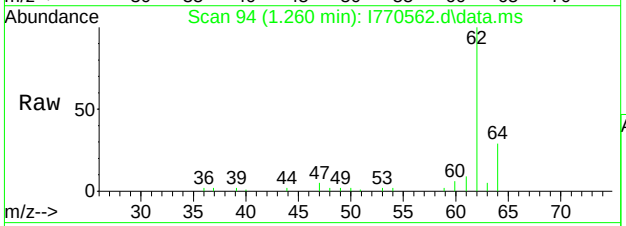


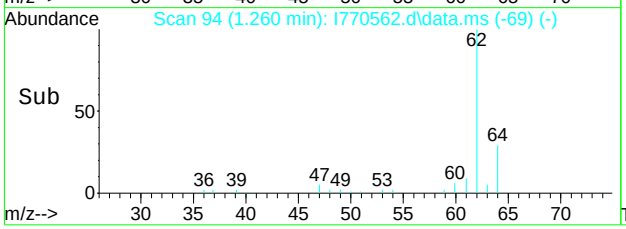


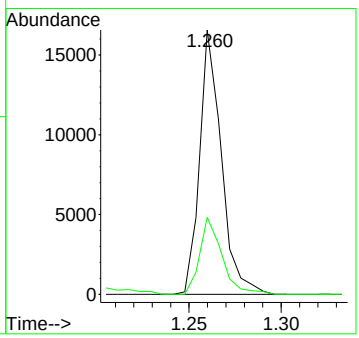
#5
Vinyl Chloride
Concen: 18.9587 ug/L
RT: 1.260 min Scan# 94
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

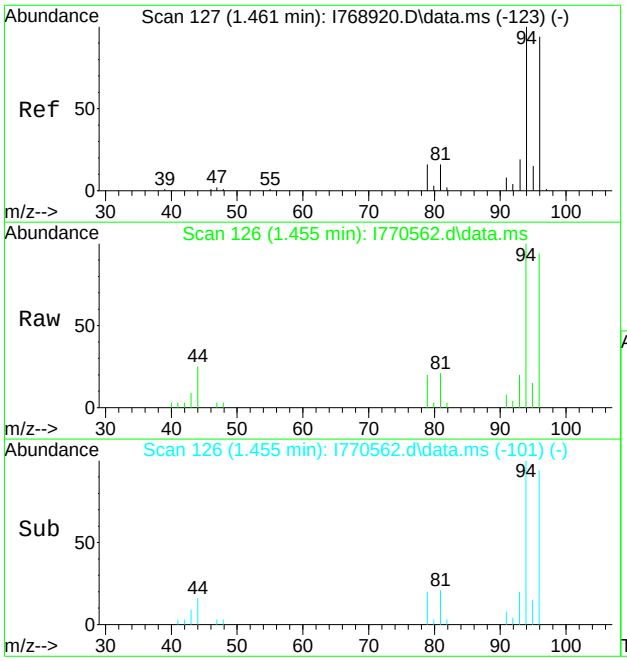
Tgt Ion: 62 Resp: 13615

Ion	Ratio	Lower	Upper
62	100		
64	29.1	1.6	61.6





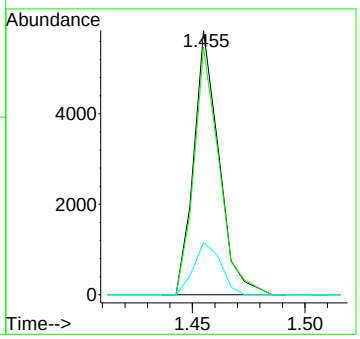


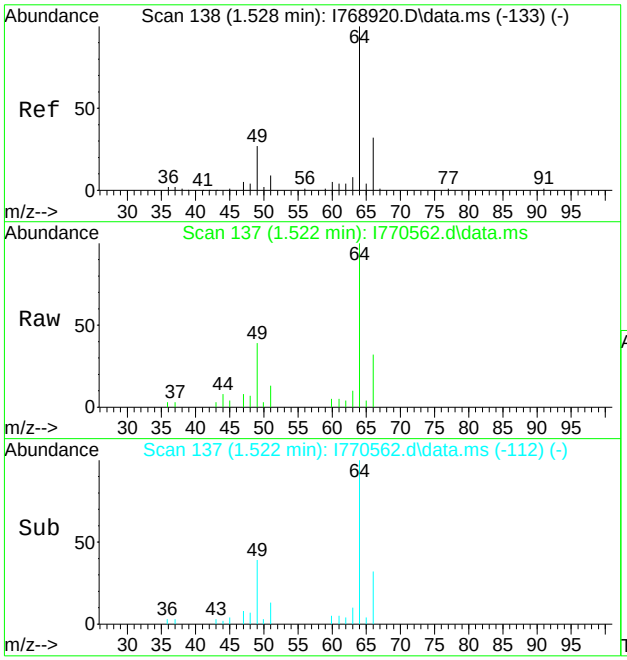


#6
Bromomethane
Concen: 12.8635 ug/L
RT: 1.455 min Scan# 126
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 94 Resp: 4531

Ion	Ratio	Lower	Upper
94	100		
96	93.6	64.0	124.0
93	19.8	0.0	51.3

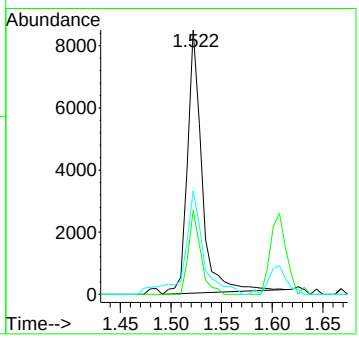


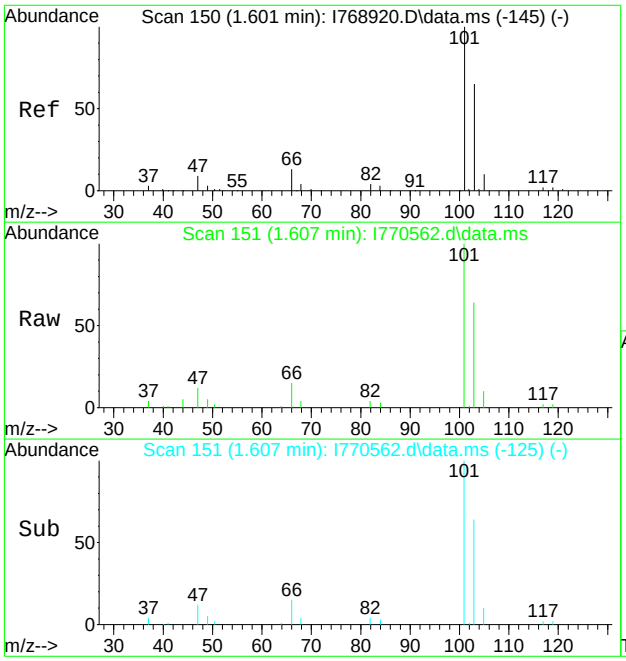


#7
Chloroethane
Concen: 25.0081 ug/L
RT: 1.522 min Scan# 137
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 64 Resp: 8483

Ion	Ratio	Lower	Upper
64	100		
66	31.9	1.7	61.7
49	35.9	0.0	58.5

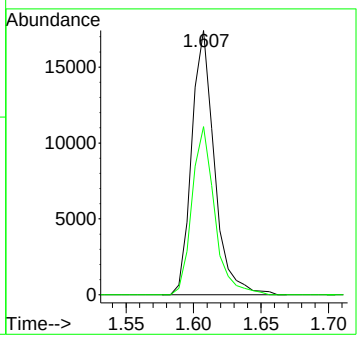


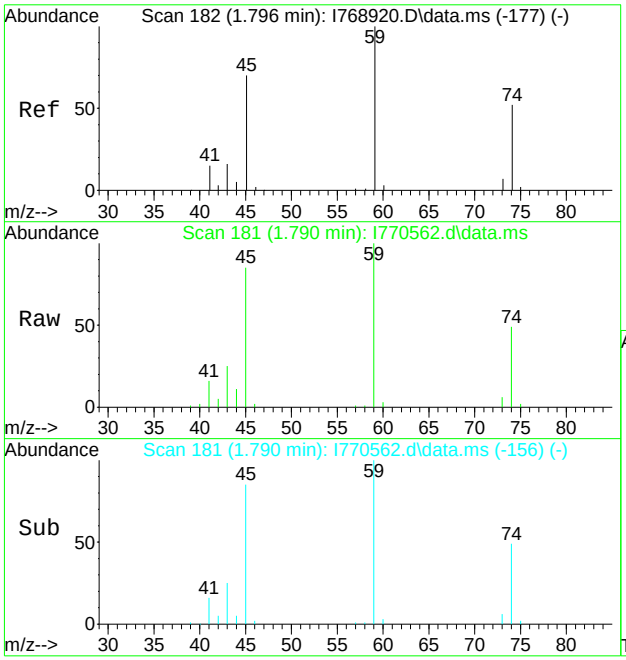


#8
Trichlorofluoromethane
Concen: 20.4118 ug/L
RT: 1.607 min Scan# 151
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:101 Resp: 20426

Ion	Ratio	Lower	Upper
101	100		
103	63.6	36.2	96.2

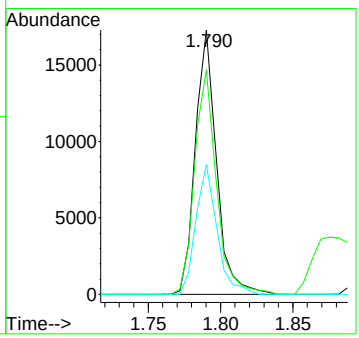


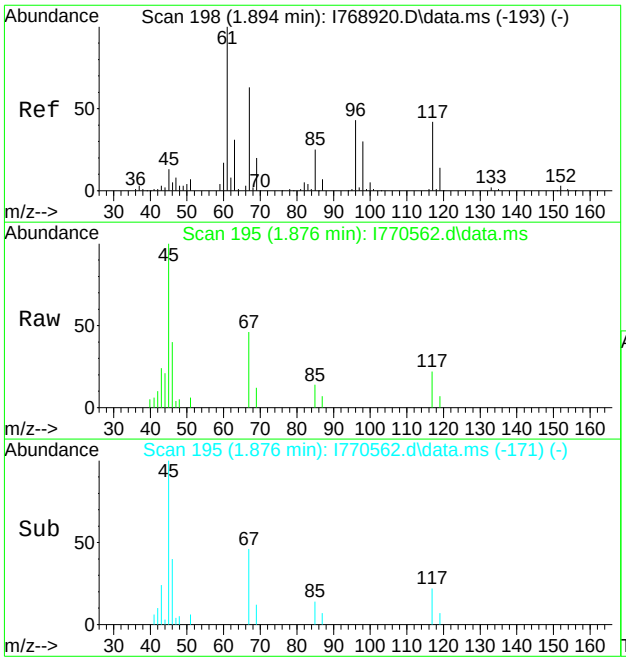


#9
Ethyl Ether
Concen: 21.6237 ug/L
RT: 1.790 min Scan# 181
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 59 Resp: 17655

Ion	Ratio	Lower	Upper
59	100		
45	84.9	54.5	94.5
74	49.1	45.8	85.8

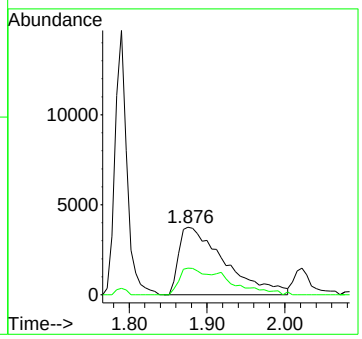


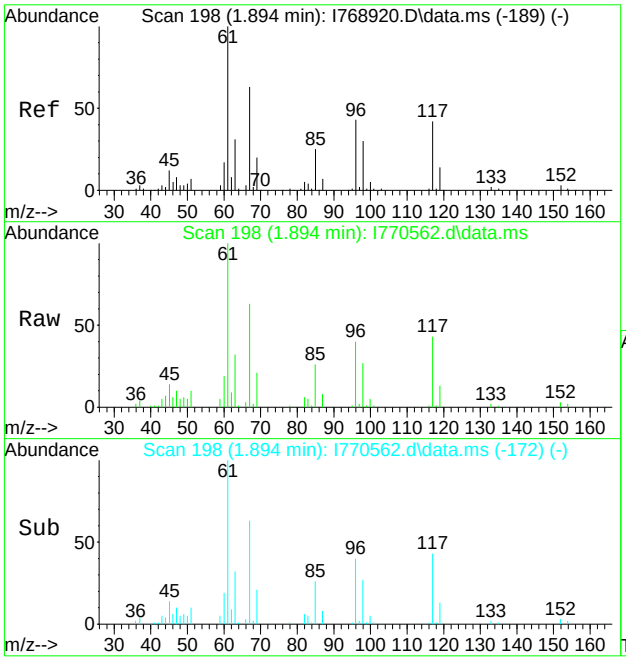


#10
Ethanol
Concen: 441.1586 ug/L
RT: 1.876 min Scan# 195
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 45 Resp: 15415

Ion	Ratio	Lower	Upper
45	100		
46	39.7	15.0	55.0

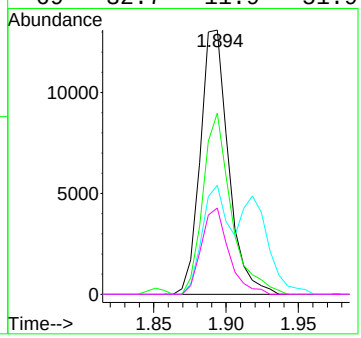


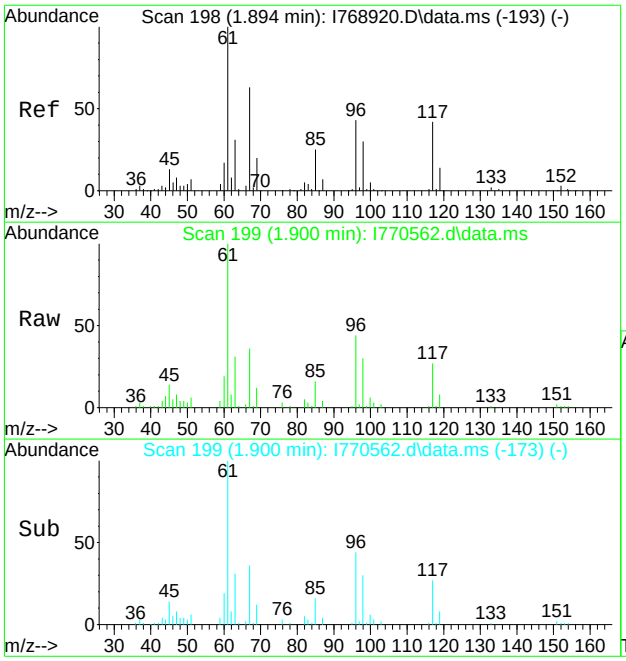


#11
1,2-Dichlorotrifluoroethane
Concen: 23.4686 ug/L
RT: 1.894 min Scan# 198
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 67 Resp: 17782

Ion	Ratio	Lower	Upper
67	100		
117	68.6	44.4	84.4
85	41.2	19.8	59.8
69	32.7	11.9	51.9

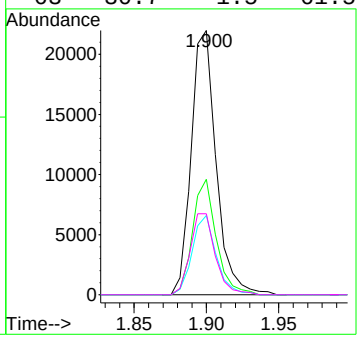


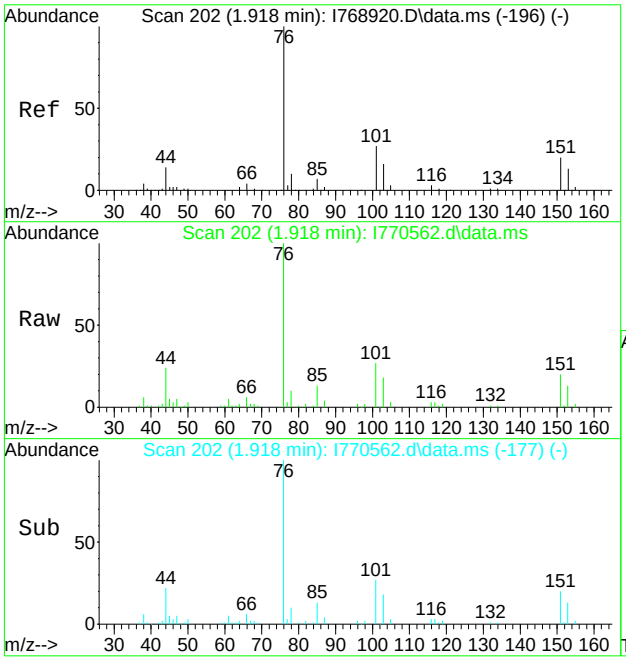


#12
1,1-Dichloroethene
Concen: 20.5873 ug/L
RT: 1.900 min Scan# 199
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 61 Resp: 26387

Ion	Ratio	Lower	Upper
61	100		
96	43.7	20.8	80.8
98	30.0	2.4	62.4
63	30.7	1.5	61.5

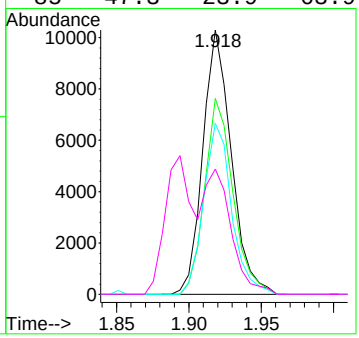


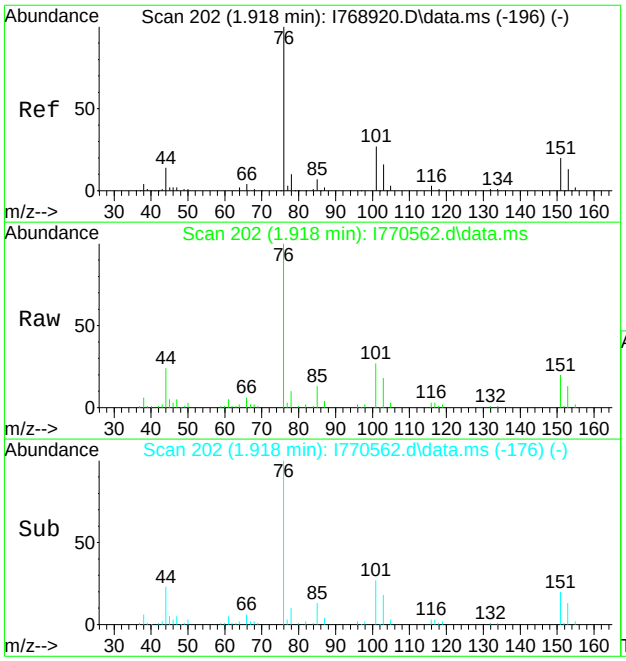


#13
Freon 113
Concen: 24.1254 ug/L
RT: 1.918 min Scan# 202
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:101 Resp: 14093

Ion	Ratio	Lower	Upper
101	100		
151	74.1	60.3	100.3
103	64.6	43.0	83.0
85	47.3	23.9	63.9

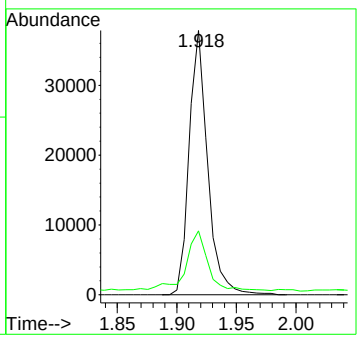


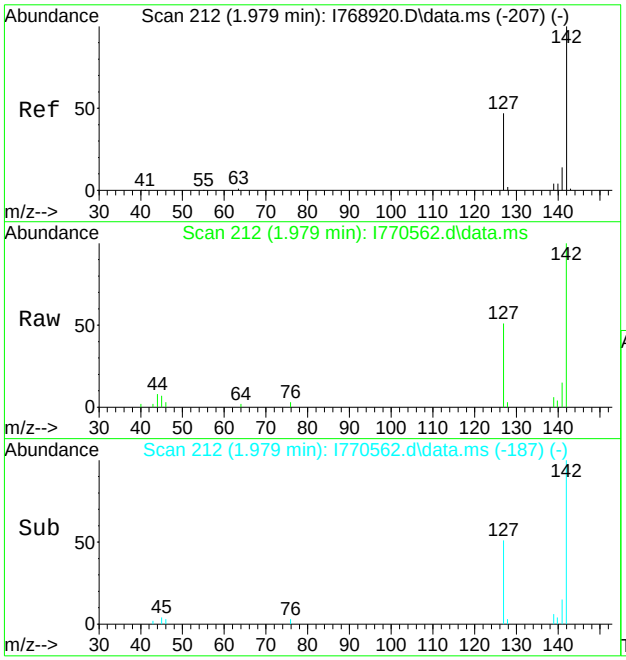


#14
Carbon Disulfide
Concen: 21.3852 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 76 Resp: 40991

Ion	Ratio	Lower	Upper
76	100		
44	22.3	0.0	46.2

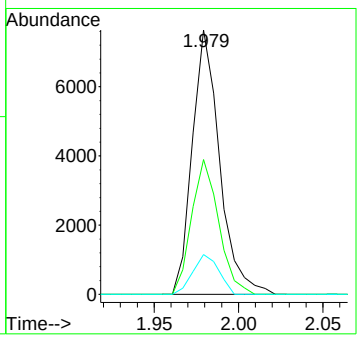


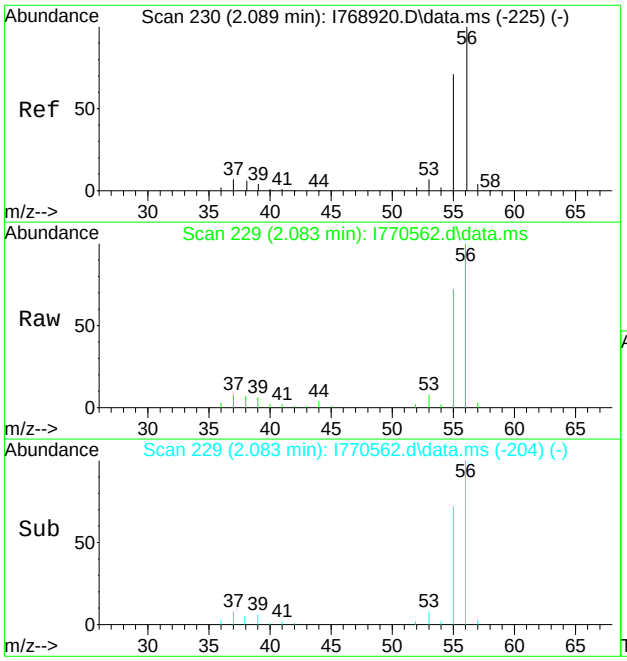


#15
Iodomethane
Concen: 14.6940 ug/L
RT: 1.979 min Scan# 212
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:142 Resp: 8635

Ion	Ratio	Lower	Upper
142	100		
127	50.9	23.5	63.5
141	15.0	0.0	34.0

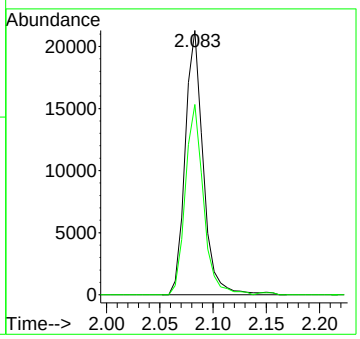


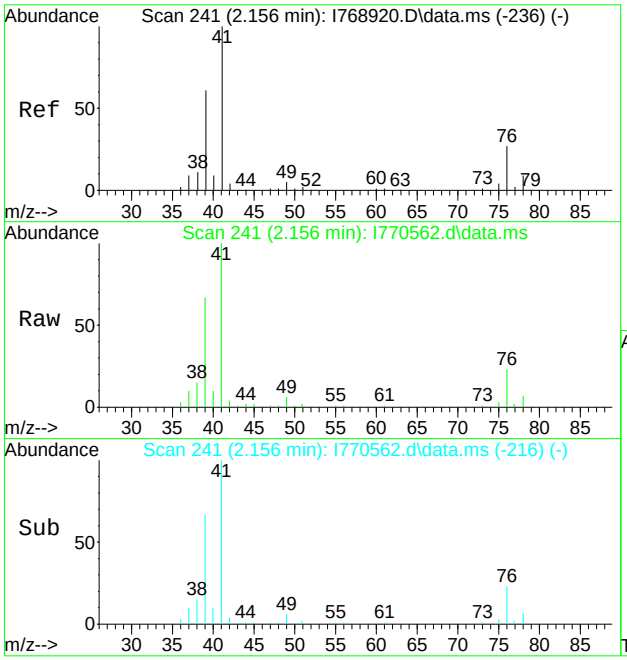


#16
Acrolein
Concen: 79.5929 ug/L
RT: 2.083 min Scan# 229
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 56 Resp: 25088

Ion	Ratio	Lower	Upper
56	100		
55	72.0	42.3	102.3

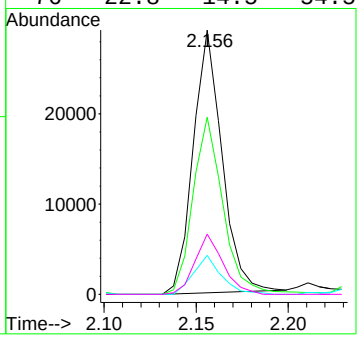


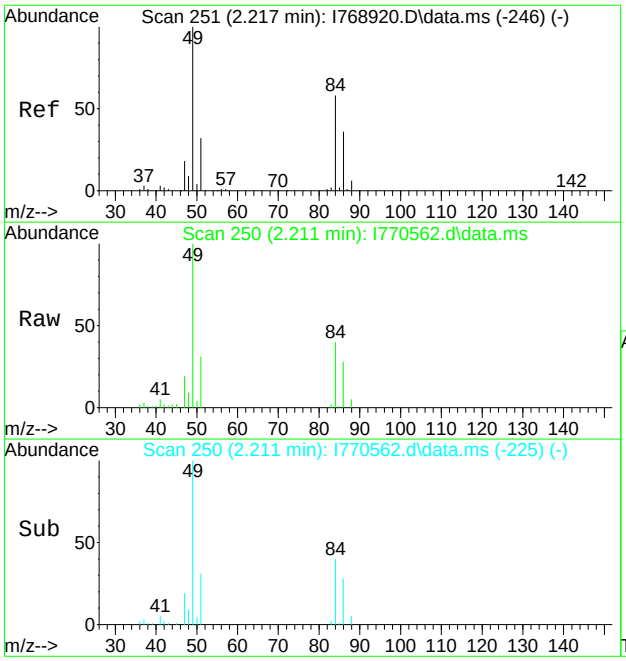


#17
Allyl chloride
Concen: 22.2097 ug/L
RT: 2.156 min Scan# 241
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 41 Resp: 31776

Ion	Ratio	Lower	Upper
41	100		
39	67.0	52.4	92.4
38	14.7	0.0	35.2
76	22.8	14.5	54.5

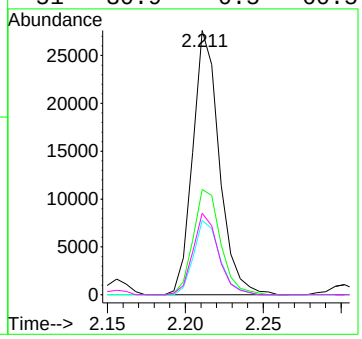


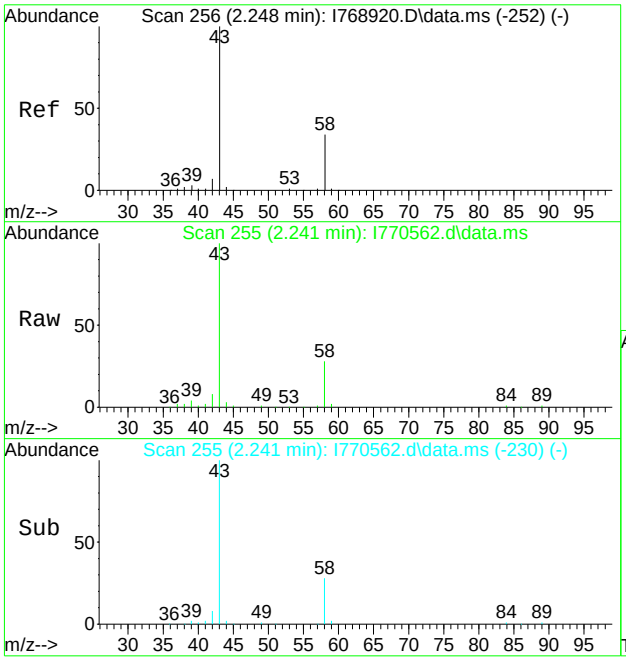


#18
Methylene Chloride
Concen: 22.6758 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 49 Resp: 32785

Ion	Ratio	Lower	Upper
49	100		
84	39.9	36.5	96.5
86	28.1	12.8	72.8
51	30.9	0.5	60.5

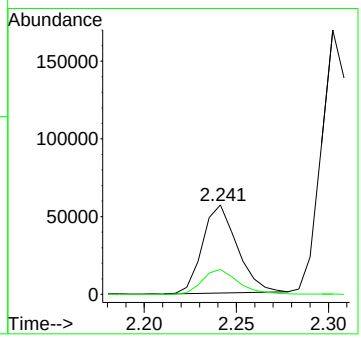


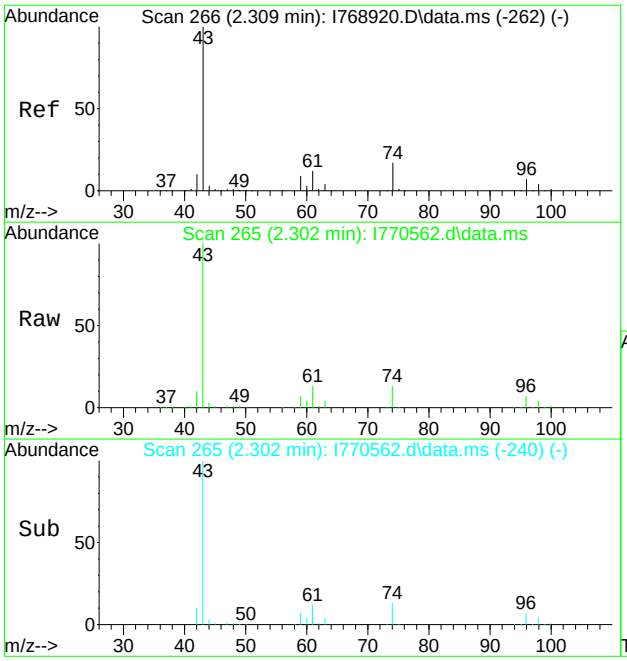


#19
Acetone
Concen: 109.4668 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 74339

Ion	Ratio	Lower	Upper
43	100		
58	28.0	0.0	60.0

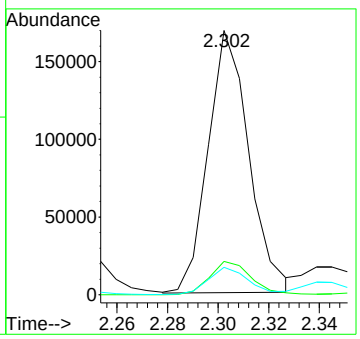


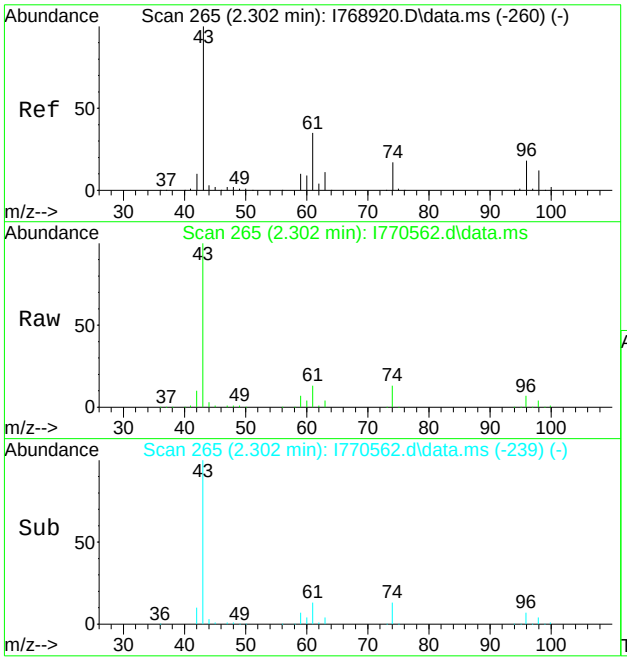


#20
Methyl acetate
Concen: 108.7608 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 188844

Ion	Ratio	Lower	Upper
43	100		
74	12.8	0.0	38.6
42	10.4	0.0	30.8

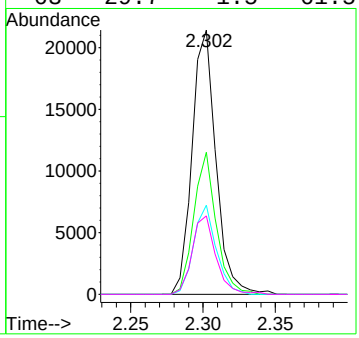


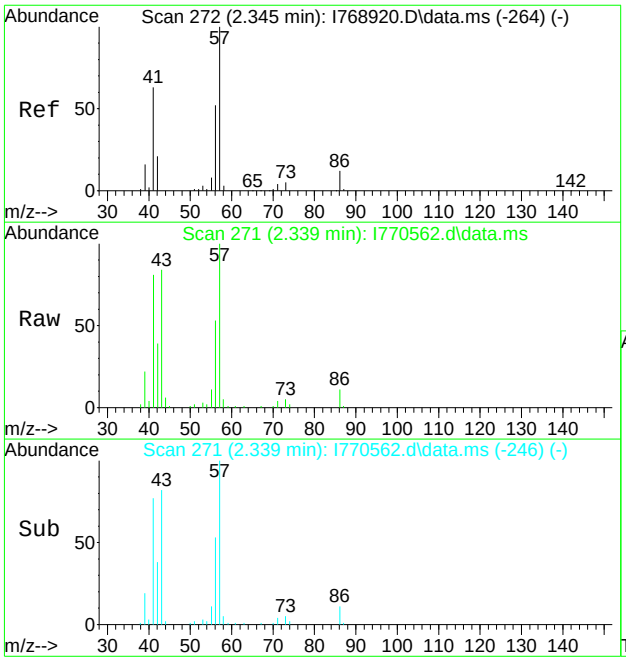


#21
trans-1,2-Dichloroethene
Concen: 20.8781 ug/L
RT: 2.302 min Scan# 265
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 61 Resp: 24758

Ion	Ratio	Lower	Upper
61	100		
96	53.7	28.4	88.4
98	33.7	5.8	65.8
63	29.7	1.5	61.5

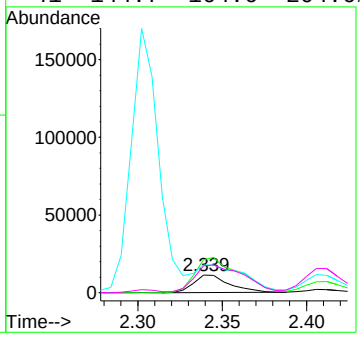


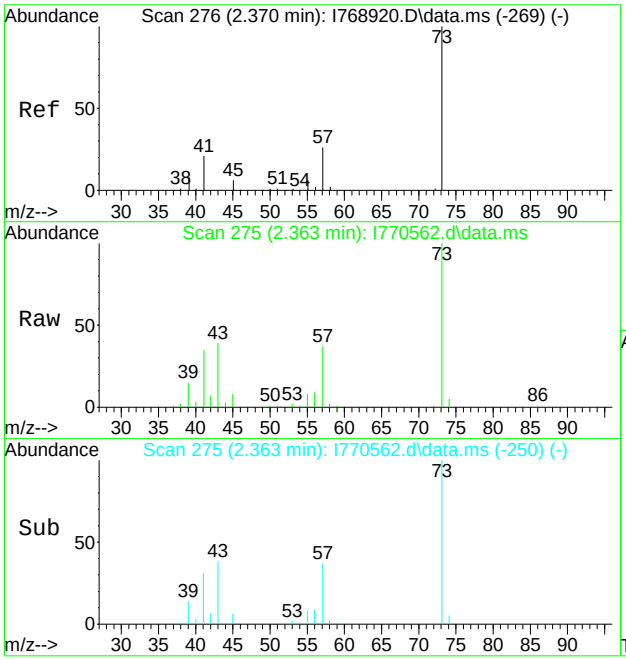


#22
Hexane
Concen: 22.1943 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 56 Resp: 16840

Ion	Ratio	Lower	Upper
56	100		
57	187.3	212.2	252.2#
43	141.1	148.9	188.9#
41	144.7	164.6	204.6#

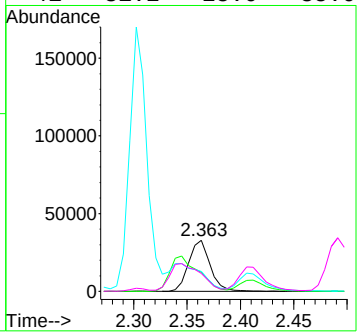


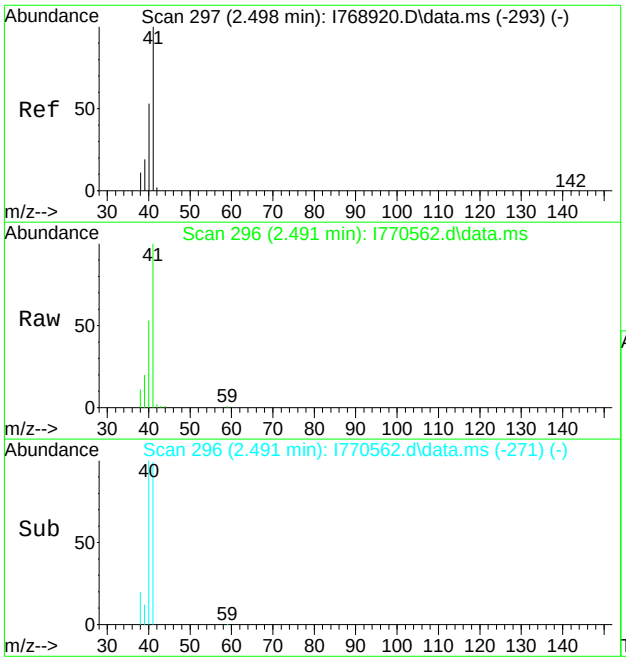


#23
Methyl Tert Butyl Ether
Concen: 22.5213 ug/L
RT: 2.363 min Scan# 275
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 73 Resp: 46095

Ion	Ratio	Lower	Upper
73	100		
57	35.2	34.2	94.2
43	35.8	22.0	82.0
41	31.2	25.0	85.0

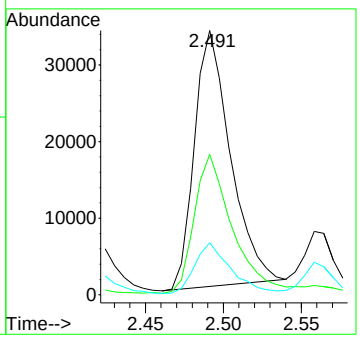


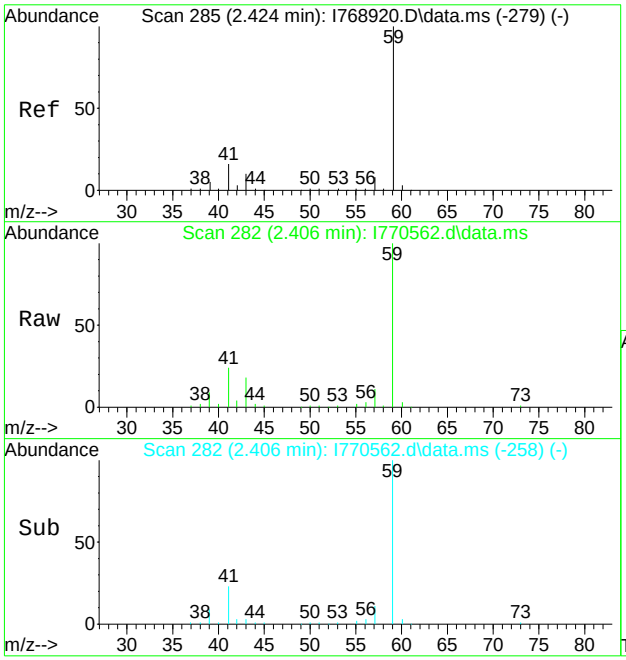


#24
Acetonitrile
Concen: 212.5845 ug/L
RT: 2.491 min Scan# 296
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 41 Resp: 53680

Ion	Ratio	Lower	Upper
41	100		
40	53.3	35.0	75.0
39	19.5	0.0	40.0

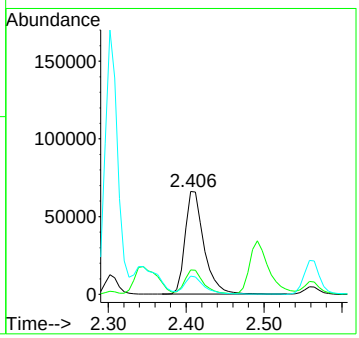


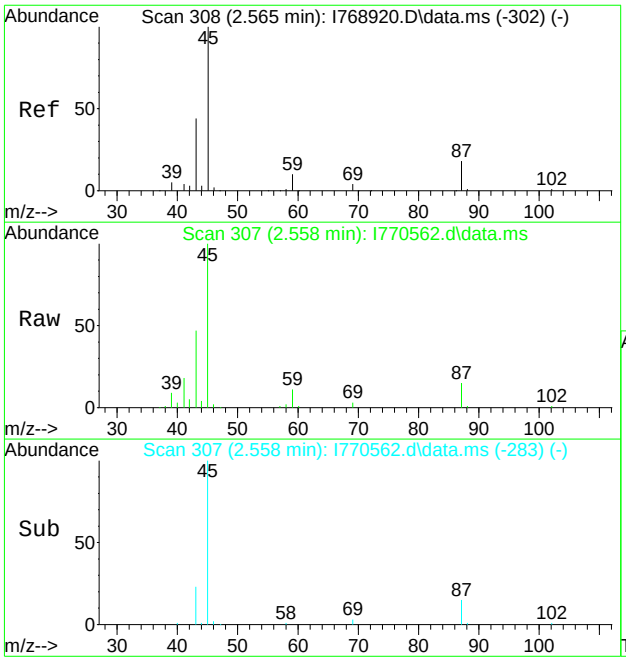


#25
Tert Butyl Alcohol
Concen: 264.7109 ug/L
RT: 2.406 min Scan# 282
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 59 Resp: 111419

Ion	Ratio	Lower	Upper
59	100		
41	18.5	8.6	48.6
43	17.9	5.3	45.3

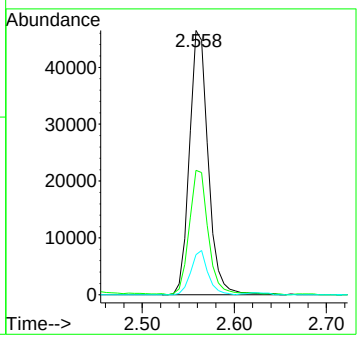


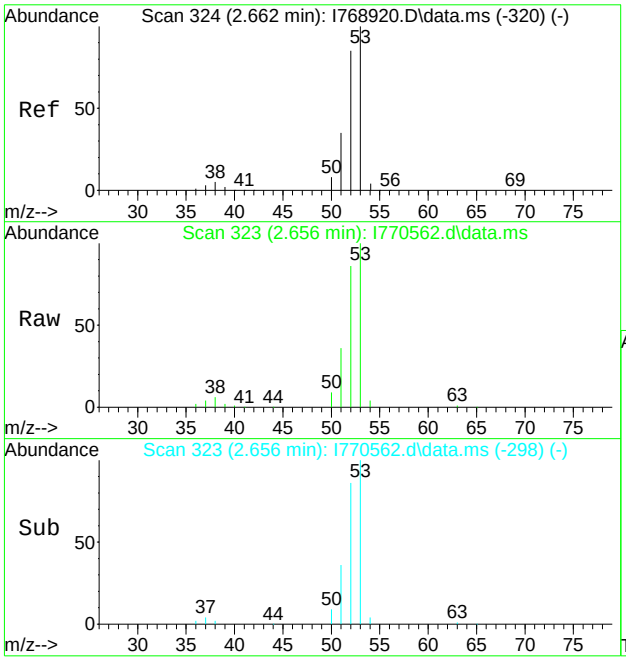


#26
Di-isopropyl ether
Concen: 21.6039 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 45 Resp: 65637

Ion	Ratio	Lower	Upper
45	100		
43	47.0	17.5	77.5
87	15.1	0.0	52.1

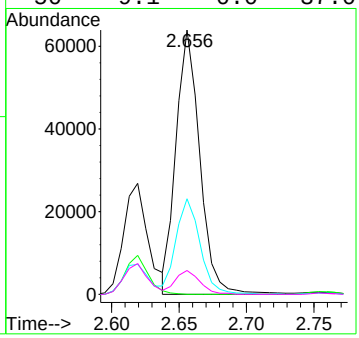


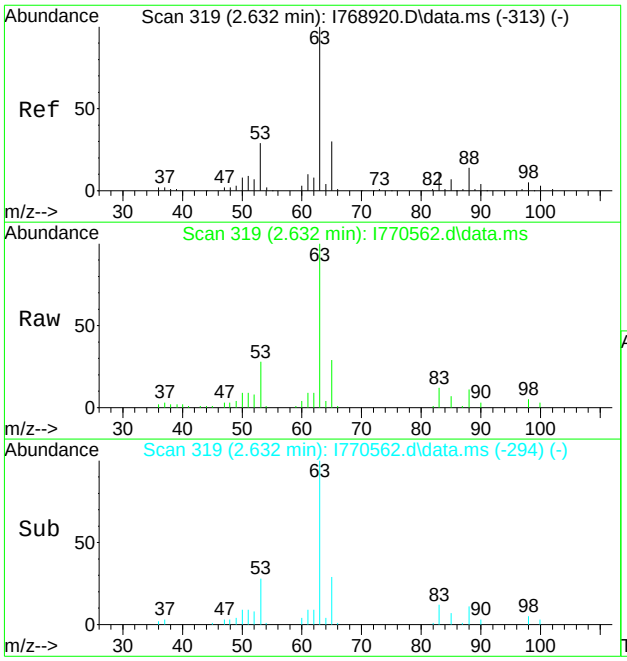


#27
Chloroprene
Concen: 22.0661 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 53 Resp: 78533

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	36.3	12.9	52.9
50	9.1	0.0	37.0

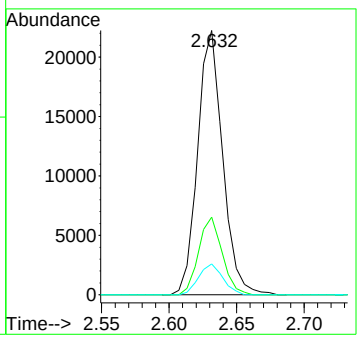


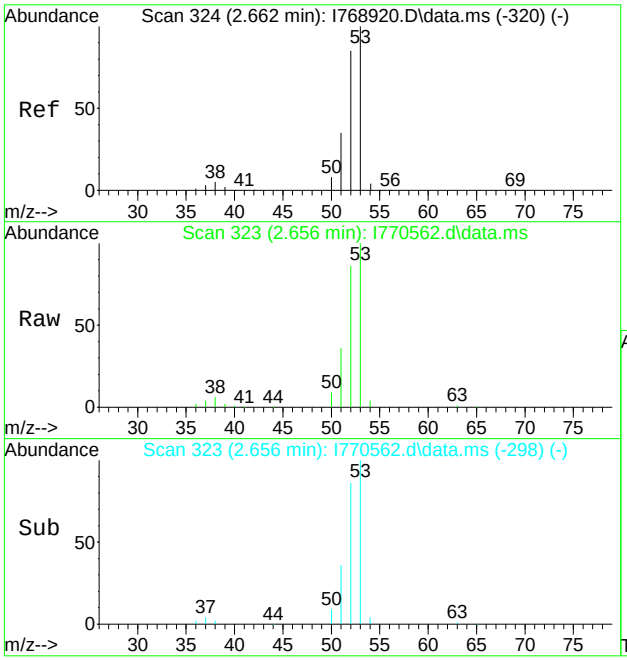


#28
1,1-Dichloroethane
Concen: 22.2981 ug/L
RT: 2.632 min Scan# 319
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 63 Resp: 28708

Ion	Ratio	Lower	Upper
63	100		
65	29.4	0.0	60.0
83	11.7	0.0	42.2

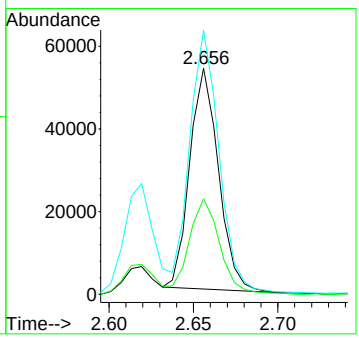


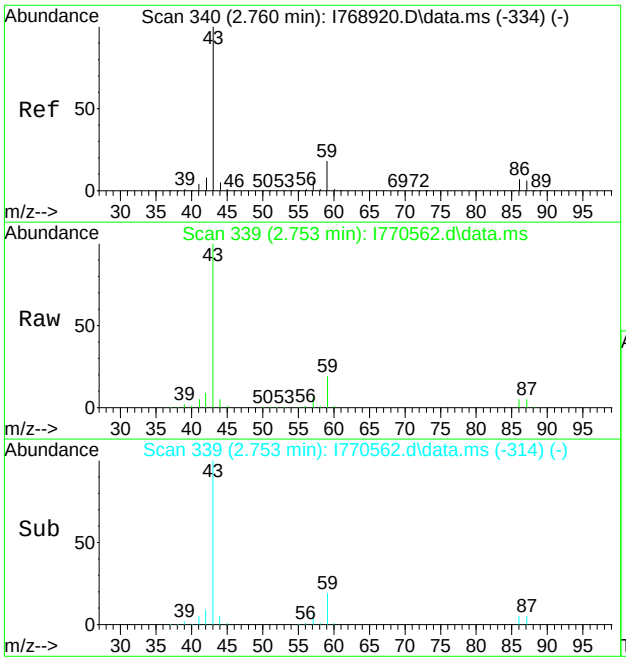


#29
Acrylonitrile
Concen: 109.5165 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 52 Resp: 63077

Ion	Ratio	Lower	Upper
52	100		
51	42.2	25.5	85.5
53	116.6	138.6	198.6#

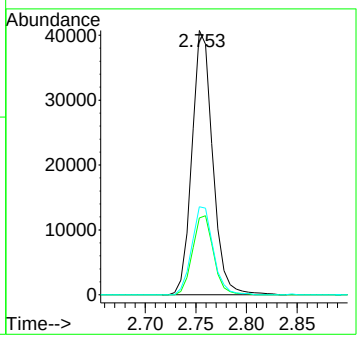


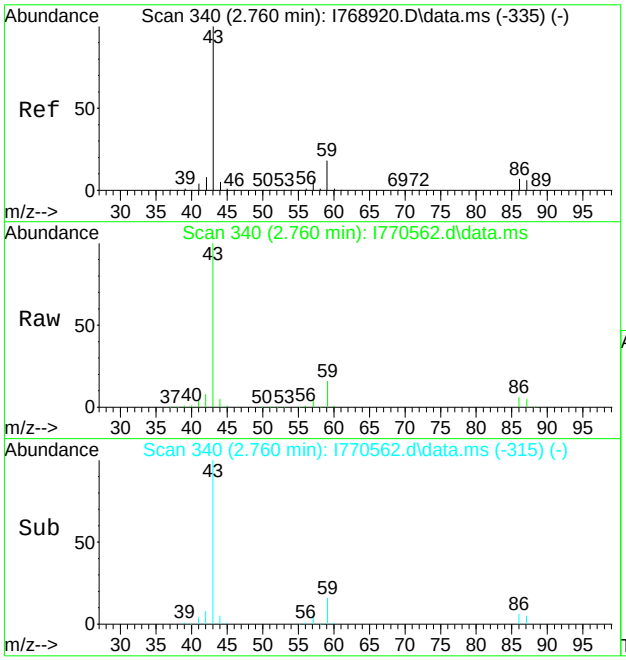


#30
ETBE
Concen: 22.4915 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 59 Resp: 58024

Ion	Ratio	Lower	Upper
59	100		
87	29.1	17.3	57.3
57	33.3	11.2	51.2

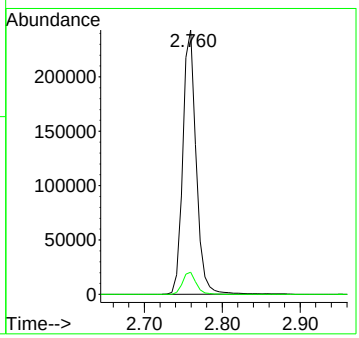


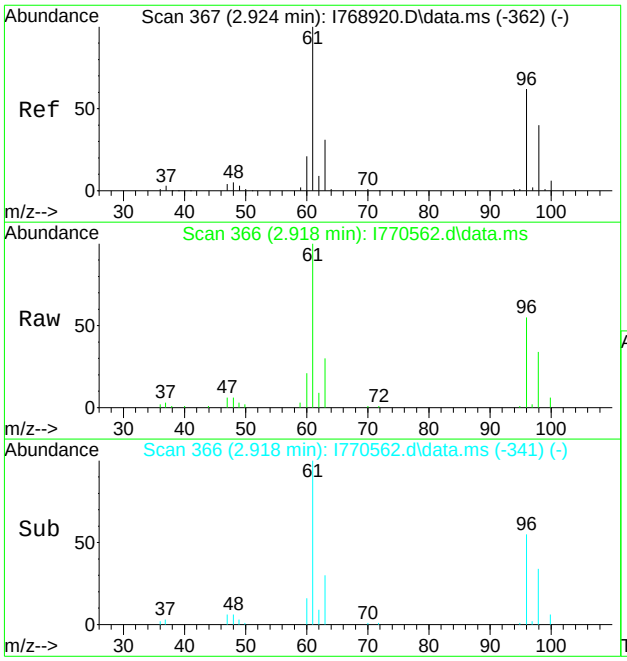


#31
Vinyl acetate
Concen: 109.5449 ug/L
RT: 2.760 min Scan# 340
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 290520

Ion	Ratio	Lower	Upper
43	100		
42	8.3	0.0	38.9

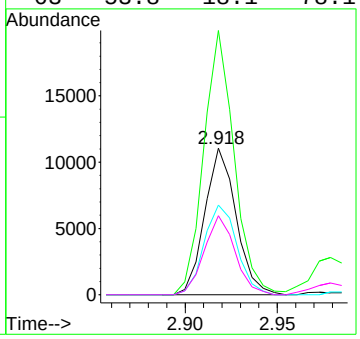


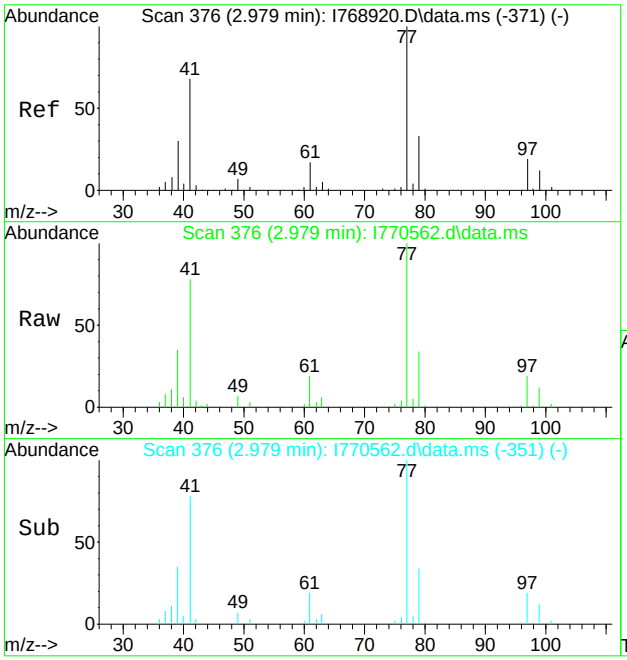


#32
cis-1,2-Dichloroethene
Concen: 23.0073 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 96 Resp: 13125

Ion	Ratio	Lower	Upper
96	100		
61	180.2	117.1	177.1#
98	61.2	34.9	94.9
63	53.8	18.1	78.1

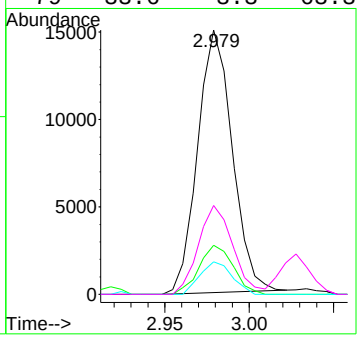


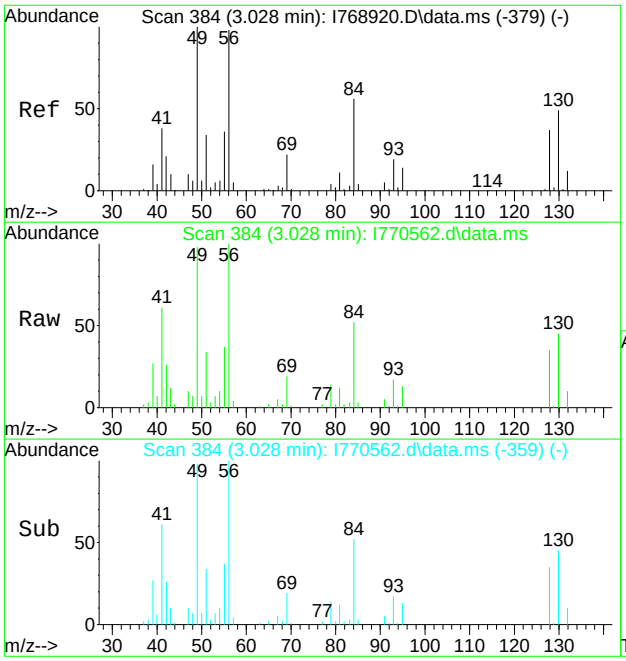


#33
2,2-Dichloropropane
Concen: 22.5865 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 77 Resp: 21467

Ion	Ratio	Lower	Upper
77	100		
97	18.6	0.0	50.9
99	12.3	0.0	43.6
79	33.6	3.3	63.3

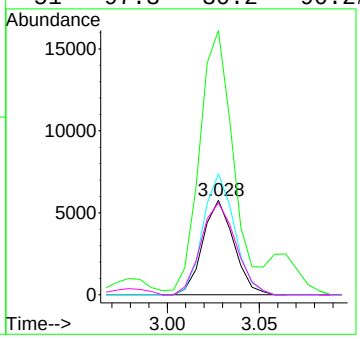


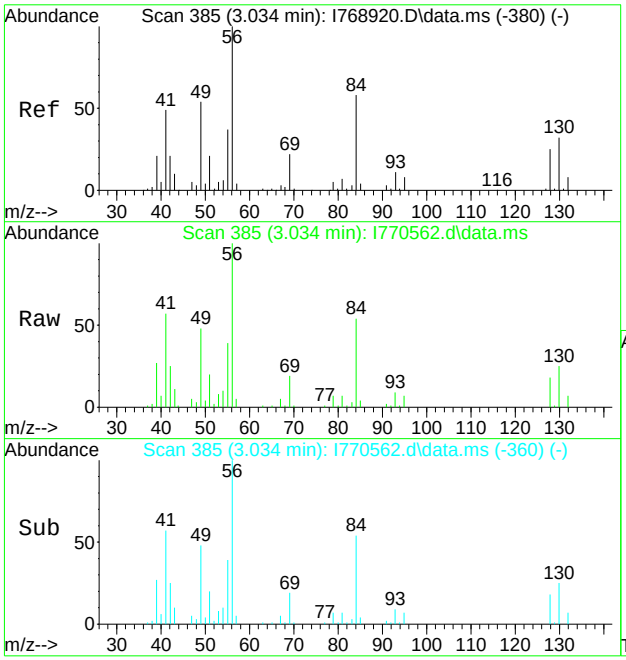


#34
Bromochloromethane
Concen: 23.6383 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:128 Resp: 6770

Ion	Ratio	Lower	Upper
128	100		
49	275.7	157.0	217.0#
130	128.3	94.7	154.7
51	97.3	30.2	90.2#

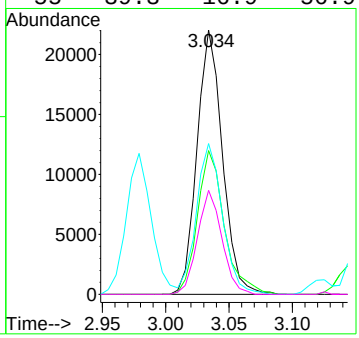


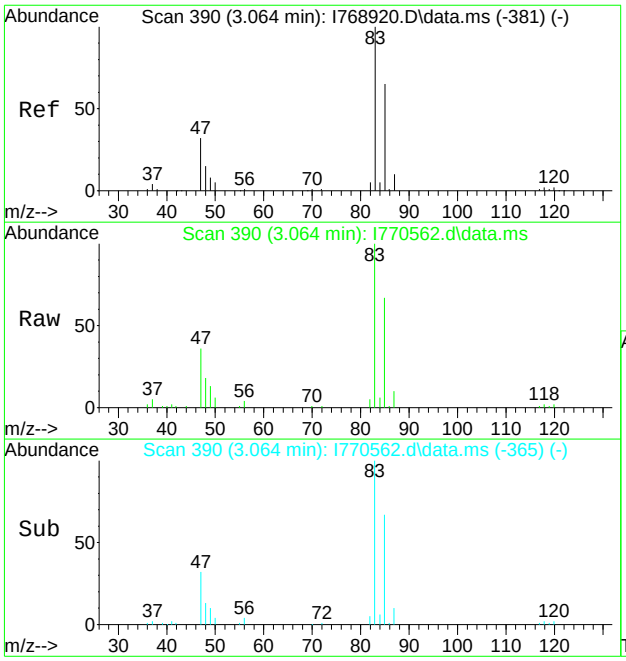


#35
Cyclohexane
Concen: 23.4550 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 56 Resp: 30865

Ion	Ratio	Lower	Upper
56	100		
84	54.4	56.7	96.7#
41	57.0	37.5	77.5
55	39.3	16.9	56.9

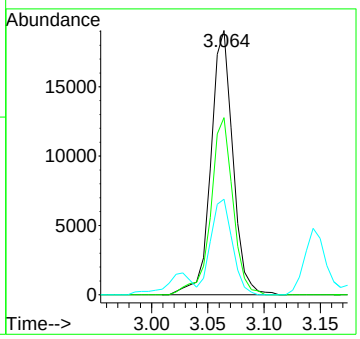


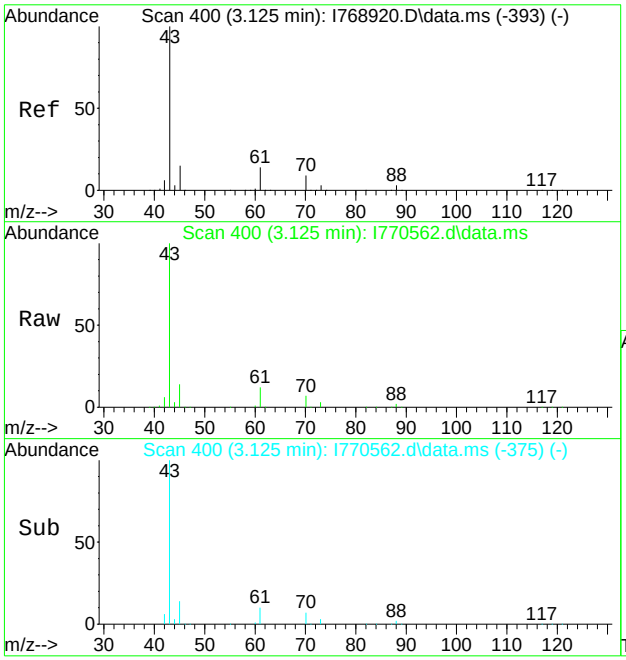


#36
Chloroform
Concen: 22.4695 ug/L
RT: 3.064 min Scan# 390
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 83 Resp: 25879

Ion	Ratio	Lower	Upper
83	100		
85	67.0	37.0	97.0
47	36.2	0.0	57.9

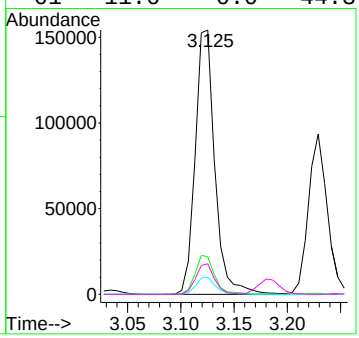


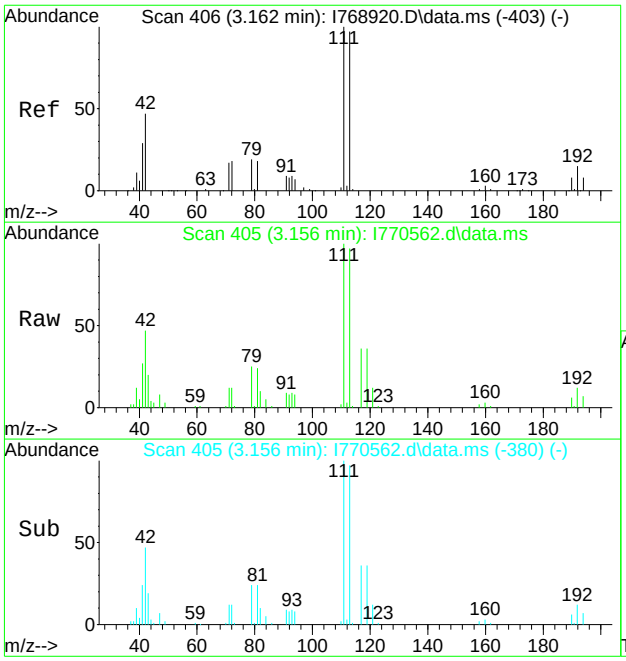


#37
Ethyl acetate
Concen: 103.8124 ug/L
RT: 3.125 min Scan# 400
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 199264

Ion	Ratio	Lower	Upper
43	100		
45	14.2	0.0	44.8
70	6.6	0.0	40.6
61	11.6	0.0	44.3

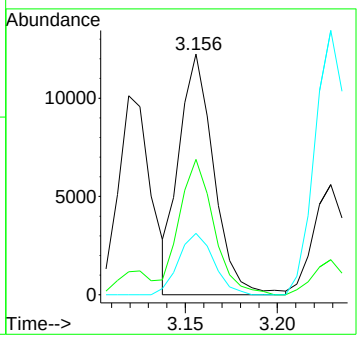


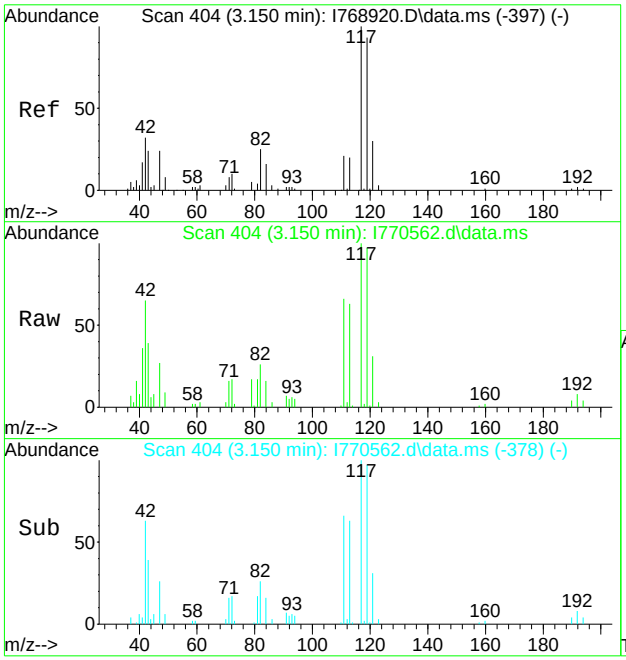


#38
Tetrahydrofuran
Concen: 20.7632 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 42 Resp: 16083

Ion	Ratio	Lower	Upper
42	100		
41	57.1	37.6	77.6
72	25.9	16.5	56.5

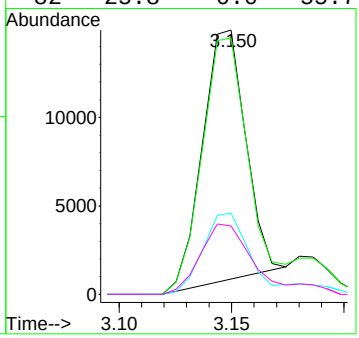


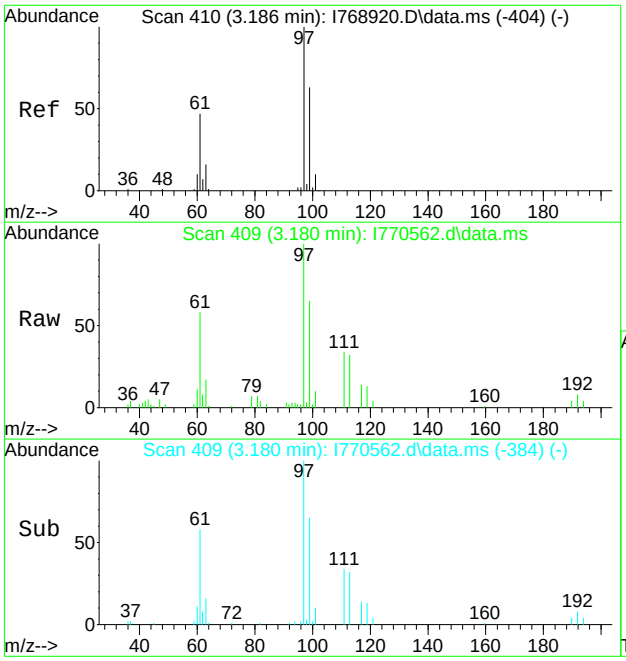


#40
Carbon Tetrachloride
Concen: 21.1726 ug/L
RT: 3.150 min Scan# 404
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:117 Resp: 19174

Ion	Ratio	Lower	Upper
117	100		
119	97.0	65.5	125.5
121	30.8	0.0	59.4
82	25.8	0.0	55.7

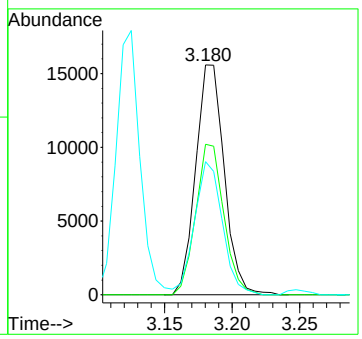


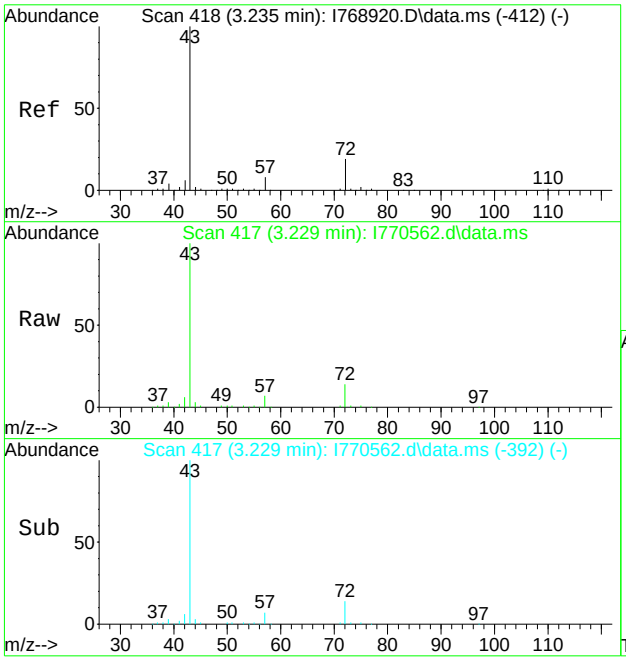


#41
1,1,1-Trichloroethane
Concen: 23.7066 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 97 Resp: 22979

Ion	Ratio	Lower	Upper
97	100		
99	65.5	32.6	92.6
61	56.2	21.2	81.2

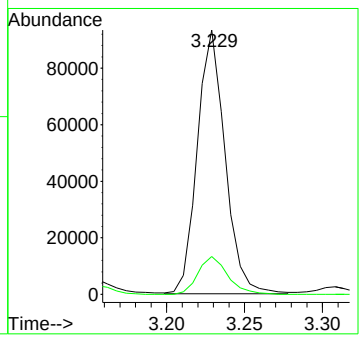


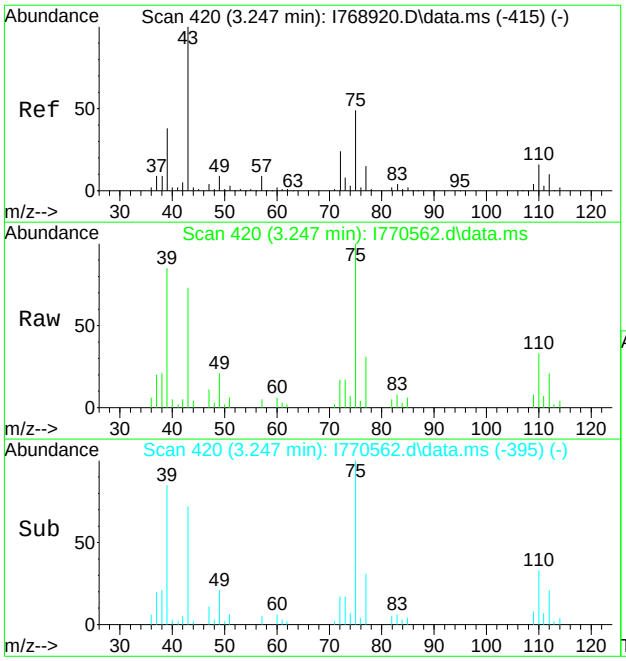


#42
2-Butanone
Concen: 100.7236 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 115910

Ion	Ratio	Lower	Upper
43	100		
72	14.5	0.0	51.3

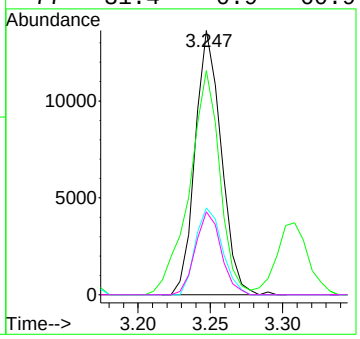


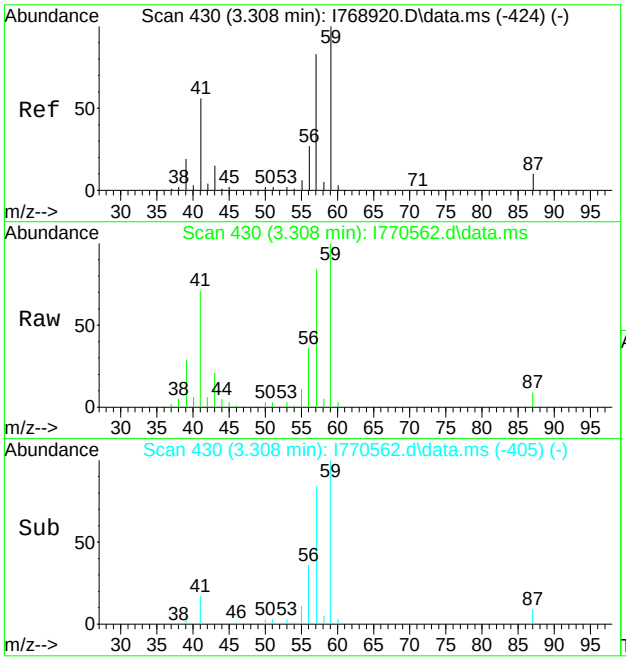


#43
1,1-Dichloropropene
Concen: 24.4134 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 75 Resp: 17130

Ion	Ratio	Lower	Upper
75	100		
39	79.2	36.7	96.7
110	32.8	4.9	64.9
77	31.4	0.9	60.9

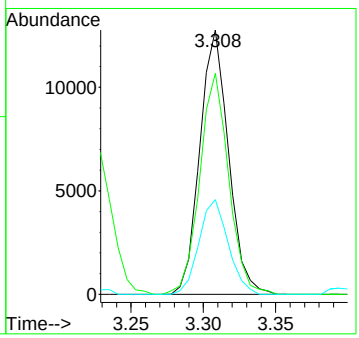


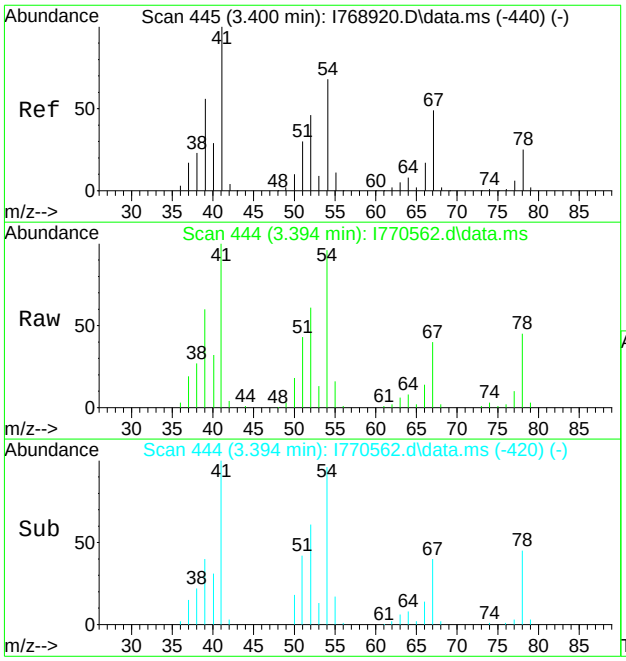


#44
tert-Butyl formate
Concen: 21.0831 ug/L
RT: 3.308 min Scan# 430
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 59 Resp: 17629

Ion	Ratio	Lower	Upper
59	100		
57	83.6	59.2	99.2
56	35.9	6.0	46.0

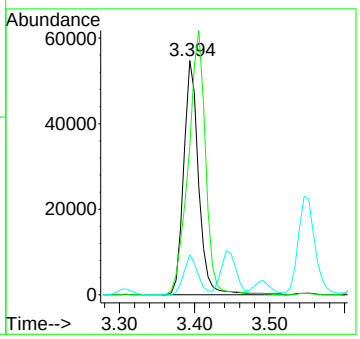


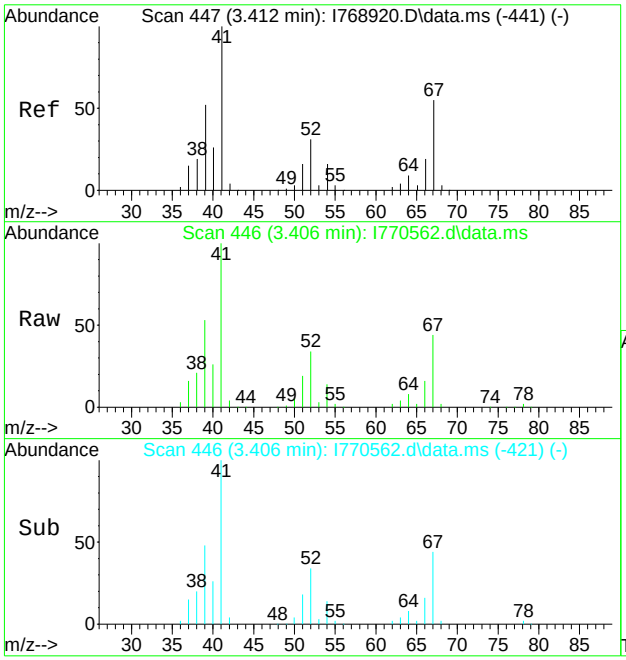


#45
Propionitrile
Concen: 250.4696 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 54 Resp: 76021

Ion	Ratio	Lower	Upper
54	100		
52	63.4	1.6	41.6#
55	17.2	0.0	34.8

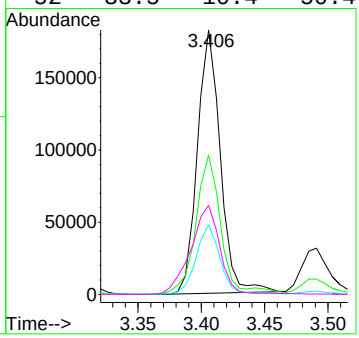


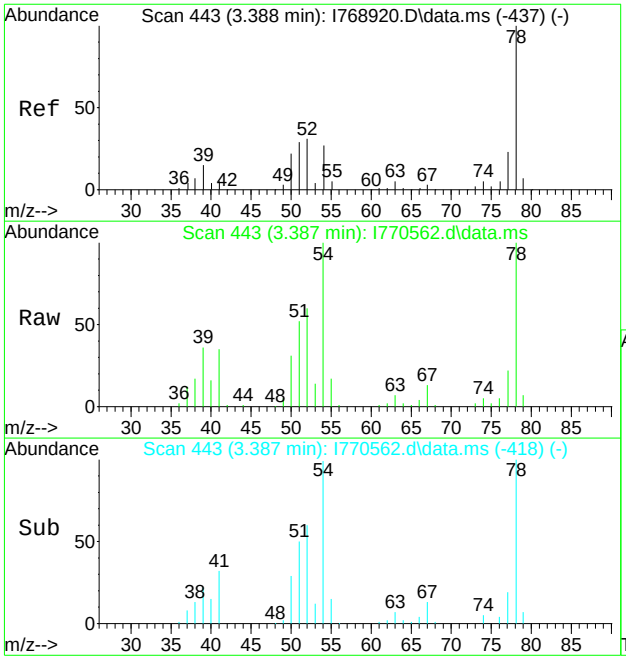


#46
Methacrylonitrile
Concen: 242.2150 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 41 Resp: 228577

Ion	Ratio	Lower	Upper
41	100		
39	52.4	36.3	76.3
40	26.3	5.3	45.3
52	33.5	10.4	50.4

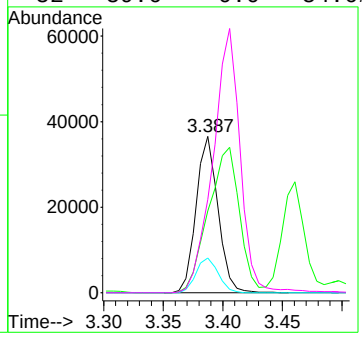


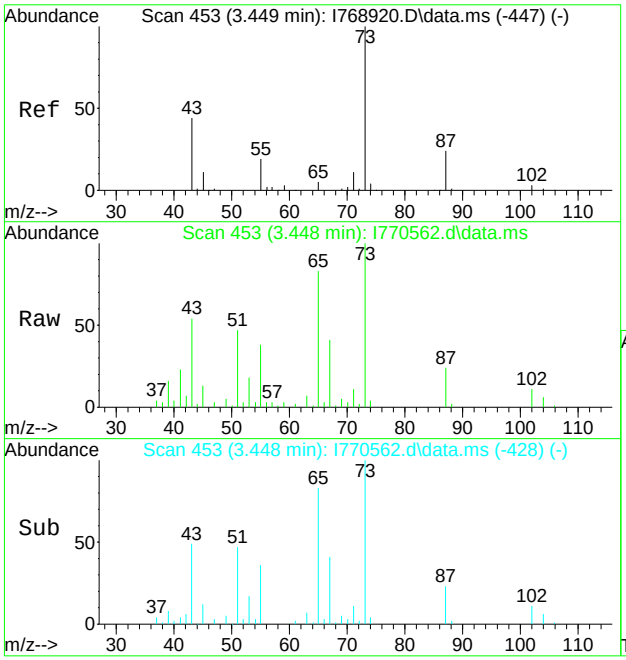


#47
Benzene
Concen: 21.2381 ug/L
RT: 3.387 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 78 Resp: 46663

Ion	Ratio	Lower	Upper
78	100		
51	52.3	0.0	51.7#
77	22.3	0.0	53.1
52	59.6	0.0	54.6#

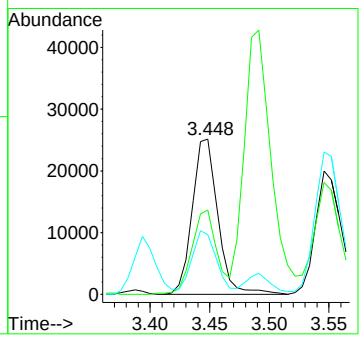


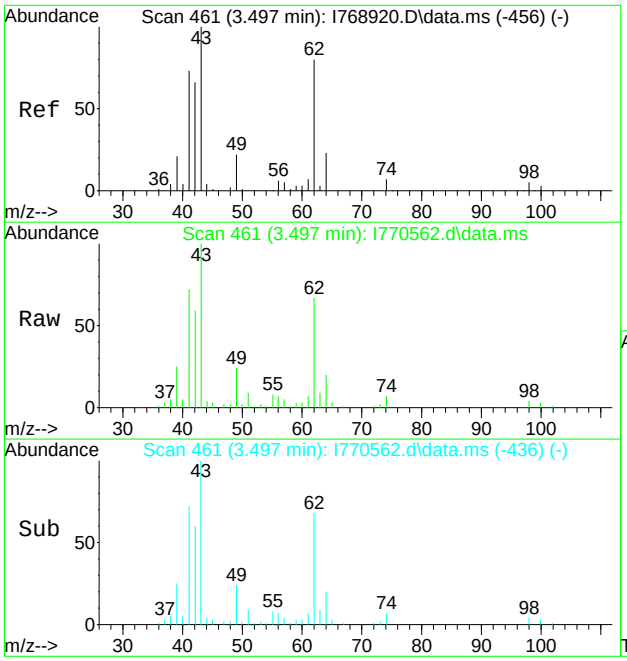


#48
TAME
Concen: 21.8104 ug/L
RT: 3.448 min Scan# 453
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 73 Resp: 37609

Ion	Ratio	Lower	Upper
73	100		
43	53.6	52.3	92.3
55	36.6	8.3	48.3

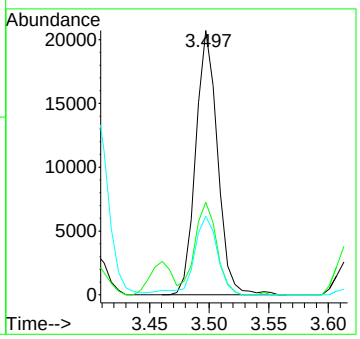


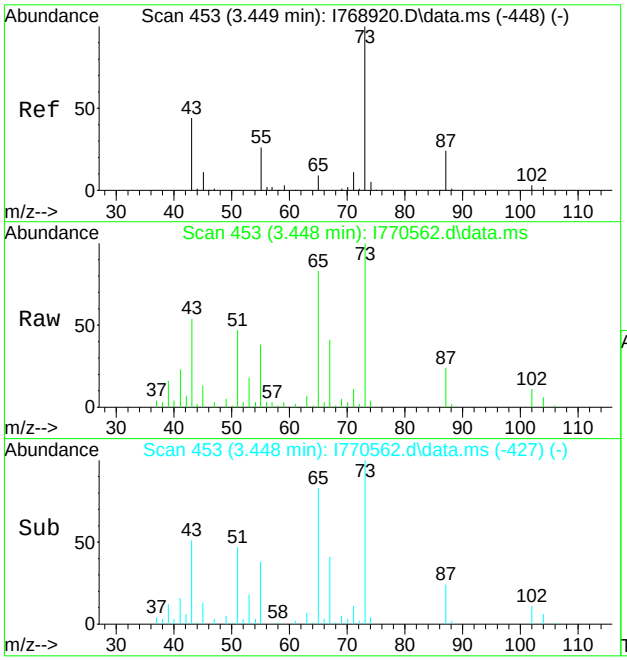


#50
1,2-Dichloroethane
Concen: 23.2138 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 62 Resp: 26281

Ion	Ratio	Lower	Upper
62	100		
49	35.0	0.0	59.2
64	29.7	1.9	61.9

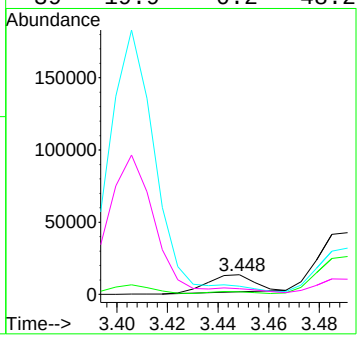


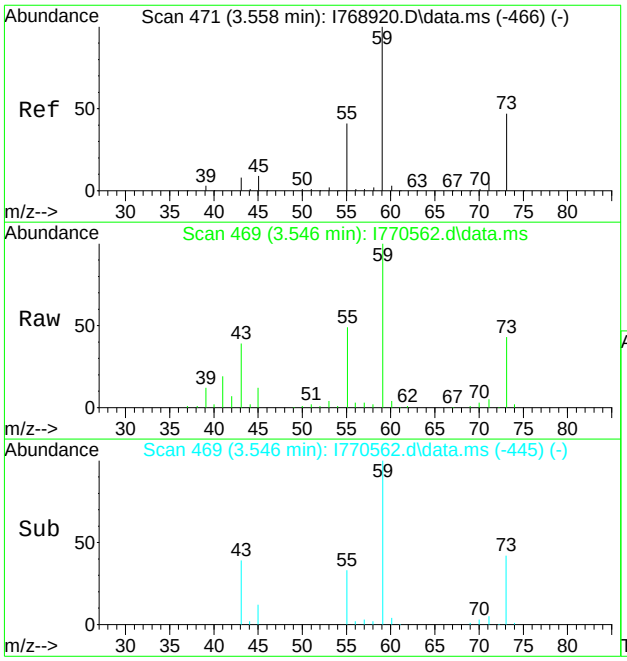


#51
Isobutyl Alcohol
Concen: 402.2194 ug/L
RT: 3.448 min Scan# 453
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 15537

Ion	Ratio	Lower	Upper
43	100		
42	5.8	0.0	92.6
41	27.4	0.0	121.9
39	19.9	0.2	48.2

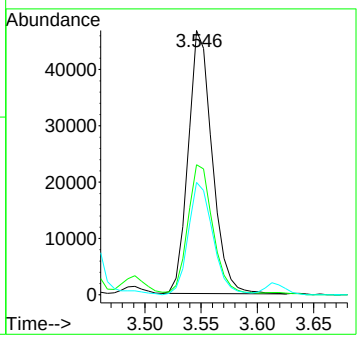


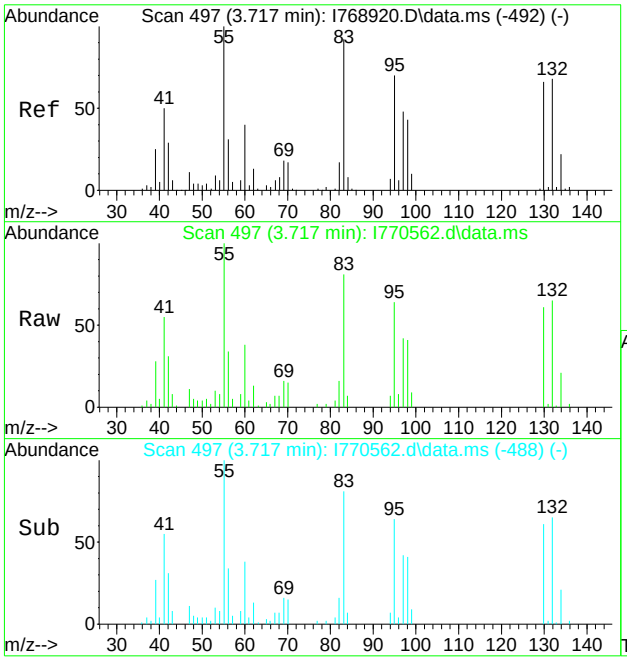


#52
Tert Amyl Alcohol
Concen: 216.5324 ug/L
RT: 3.546 min Scan# 469
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 59 Resp: 69122

Ion	Ratio	Lower	Upper
59	100		
55	48.6	13.4	73.4
73	42.7	26.6	86.6

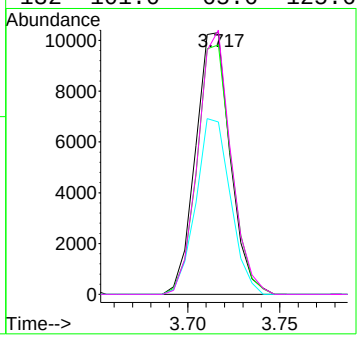


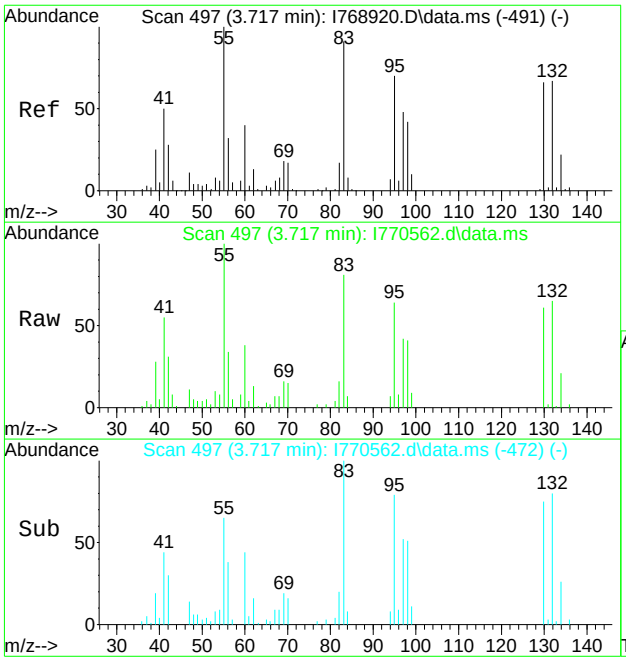


#53
Trichloroethene
Concen: 21.9280 ug/L
RT: 3.717 min Scan# 497
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 95 Resp: 13499

Ion	Ratio	Lower	Upper
95	100		
130	95.4	64.6	124.6
97	65.8	34.7	94.7
132	101.0	65.6	125.6

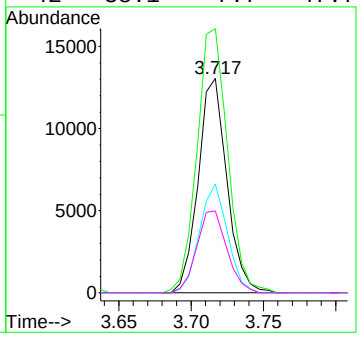


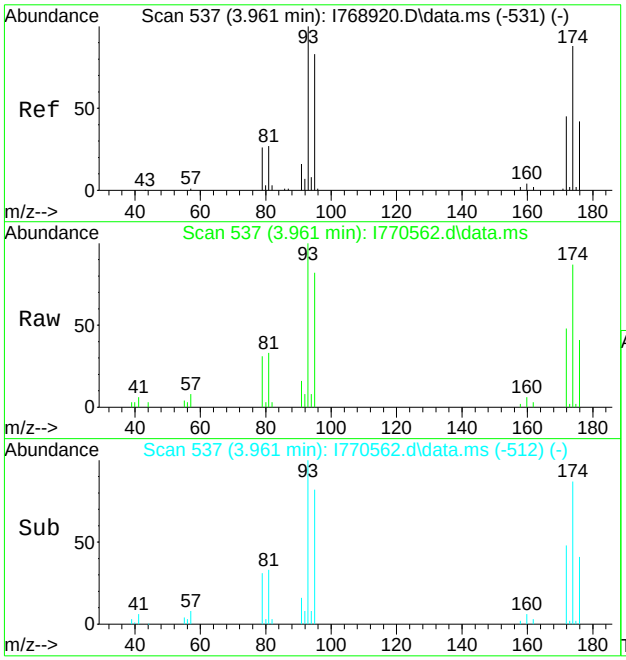


#54
Methylcyclohexane
Concen: 23.4789 ug/L
RT: 3.717 min Scan# 497
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 83 Resp: 18061

Ion	Ratio	Lower	Upper
83	100		
55	123.3	70.4	110.4#
98	50.7	25.0	65.0
42	38.1	7.7	47.7

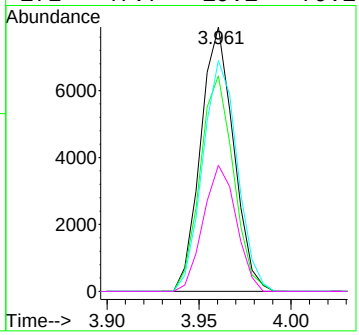


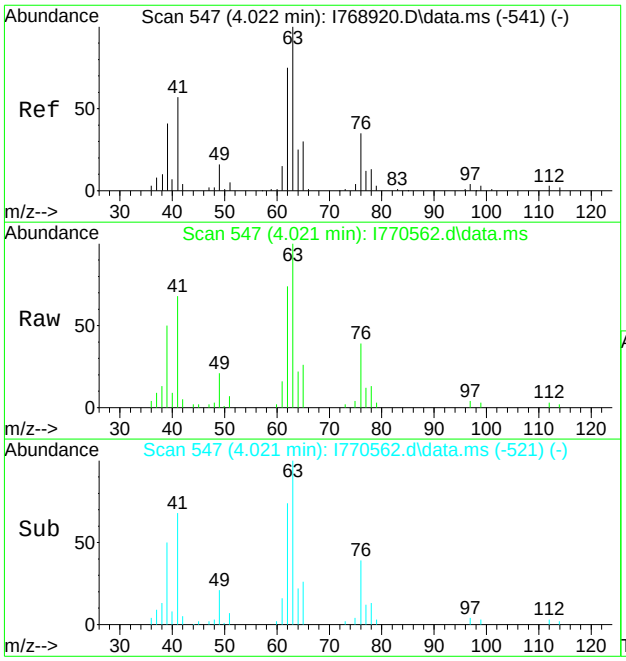


#55
Dibromomethane
Concen: 22.3923 ug/L
RT: 3.961 min Scan# 537
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 93 Resp: 9852

Ion	Ratio	Lower	Upper
93	100		
95	81.6	51.8	111.8
174	87.3	61.6	121.6
172	47.7	19.1	79.1

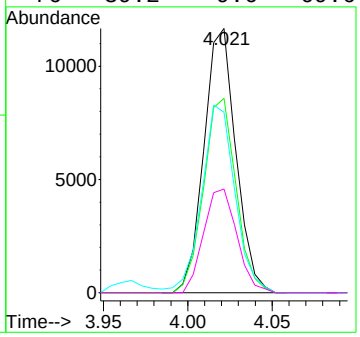


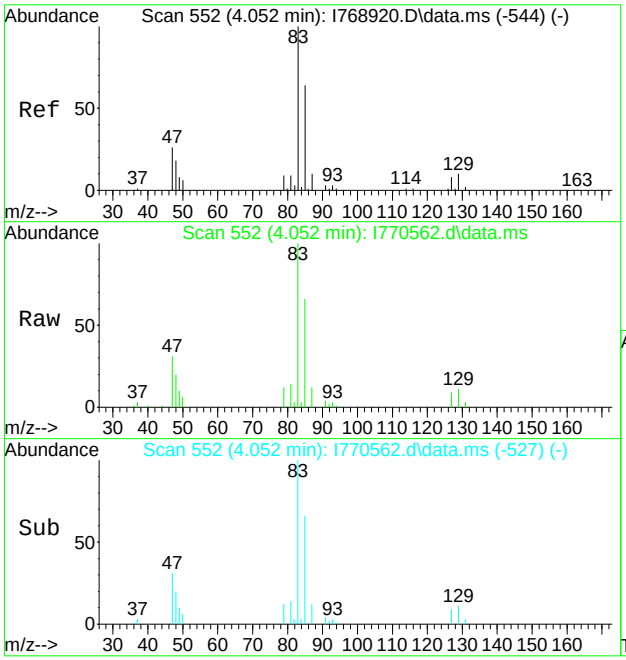


#56
1,2-Dichloropropane
Concen: 22.3772 ug/L
RT: 4.021 min Scan# 547
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 63 Resp: 15393

Ion	Ratio	Lower	Upper
63	100		
62	73.6	39.2	99.2
41	68.3	28.0	88.0
76	39.2	9.6	69.6

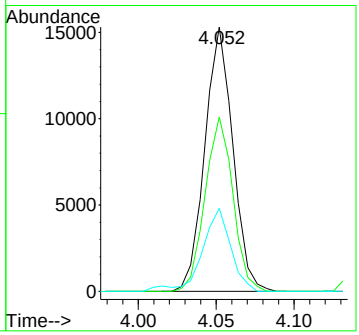


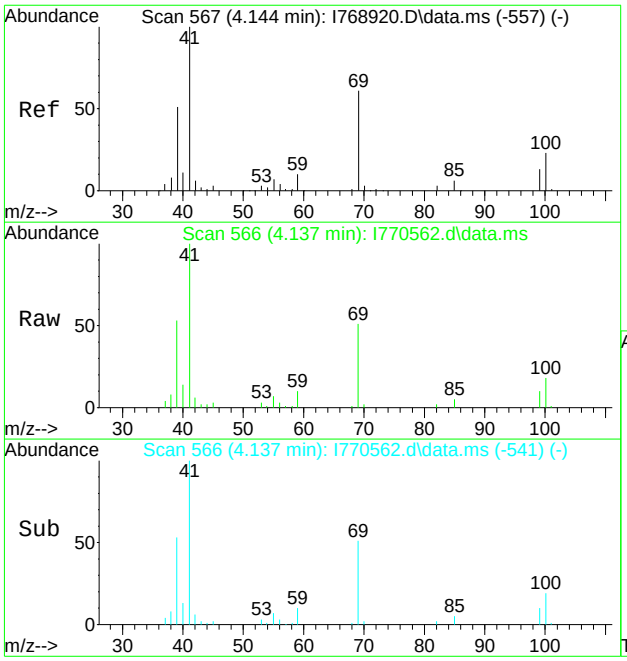


#57
Bromodichloromethane
Concen: 21.8698 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 83 Resp: 19104

Ion	Ratio	Lower	Upper
83	100		
85	65.9	45.2	84.0
47	31.4	14.9	27.7#

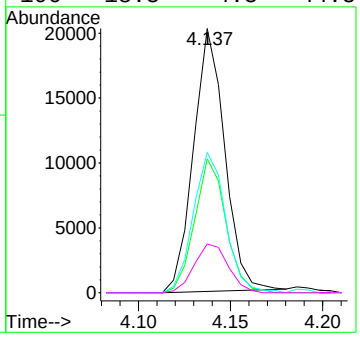


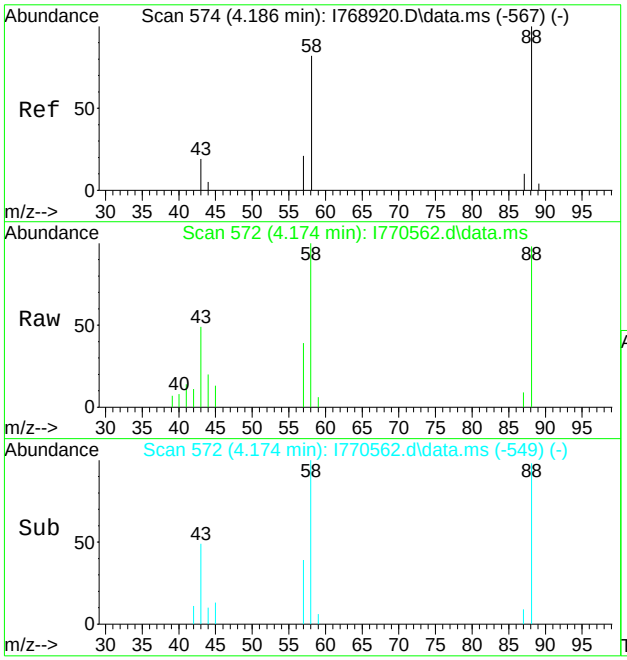


#58
Methyl methacrylate
Concen: 22.6917 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 41 Resp: 23902

Ion	Ratio	Lower	Upper
41	100		
69	50.7	49.4	89.4
39	53.1	38.8	78.8
100	18.5	4.5	44.5

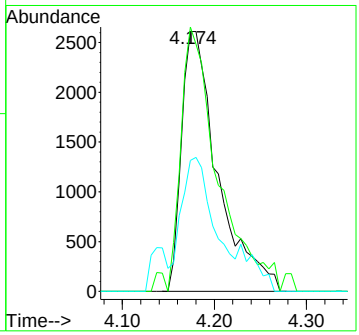


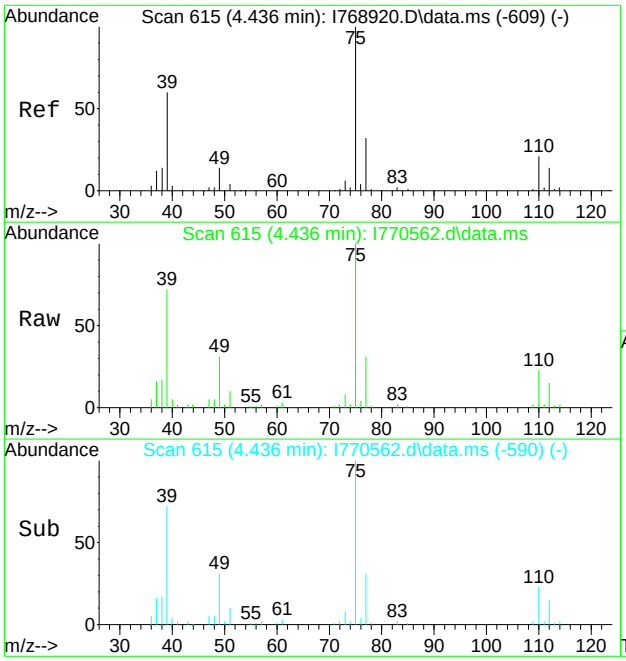


#59
1,4-Dioxane
Concen: 443.0448 ug/L
RT: 4.174 min Scan# 572
Delta R.T. -0.012 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 88 Resp: 7157

Ion	Ratio	Lower	Upper
88	100		
58	94.9	41.6	101.6
43	50.3	5.0	65.0

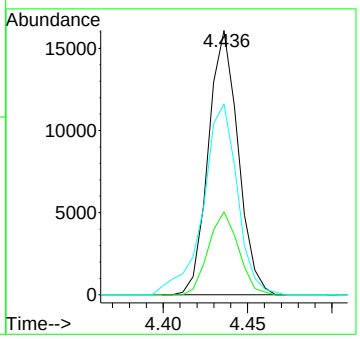


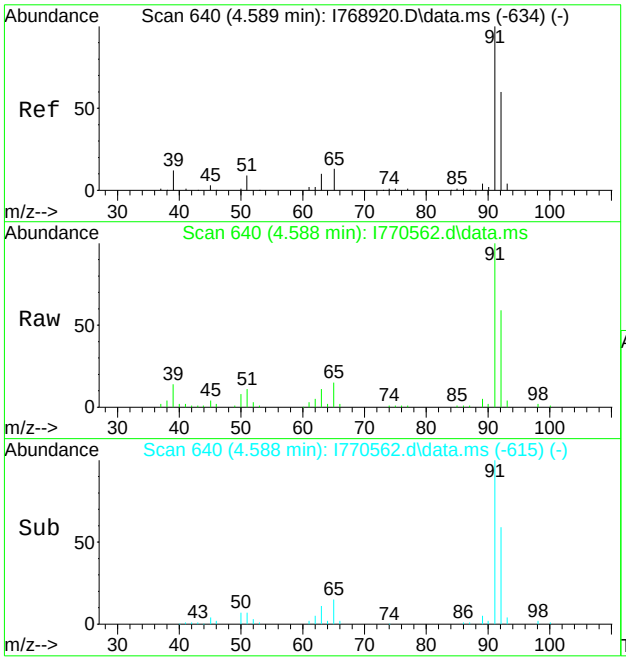


#61
cis-1,3-Dichloropropene
Concen: 20.4868 ug/L
RT: 4.436 min Scan# 615
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 75 Resp: 19759

Ion	Ratio	Lower	Upper
75	100		
77	31.4	2.0	62.0
39	72.2	27.8	87.8

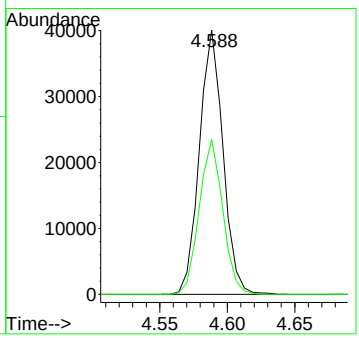


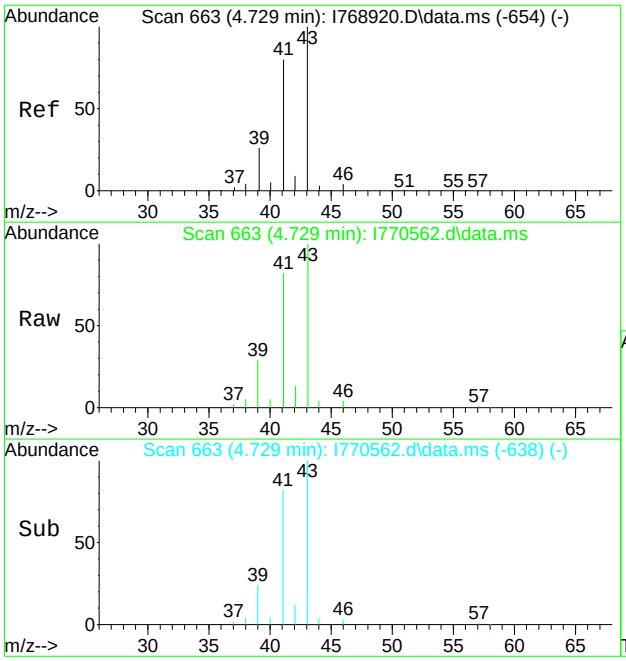


#64
Toluene
Concen: 21.4744 ug/L
RT: 4.588 min Scan# 640
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 48831

Ion	Ratio	Lower	Upper
91	100		
92	58.7	28.4	88.4

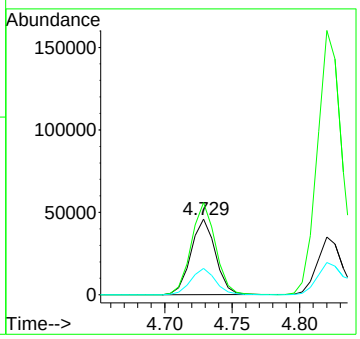


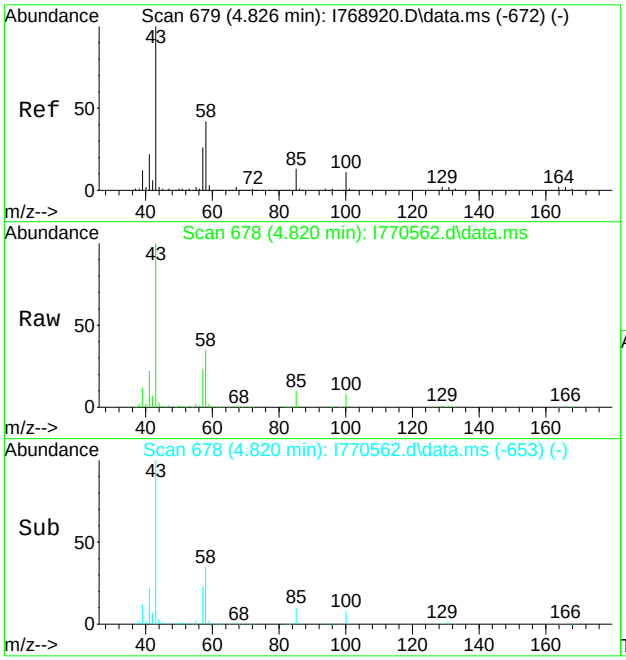


#65
2-Nitropropane
Concen: 121.2064 ug/L
RT: 4.729 min Scan# 663
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 41 Resp: 58020

Ion	Ratio	Lower	Upper
41	100		
43	121.8	97.6	137.6
39	34.9	16.3	56.3

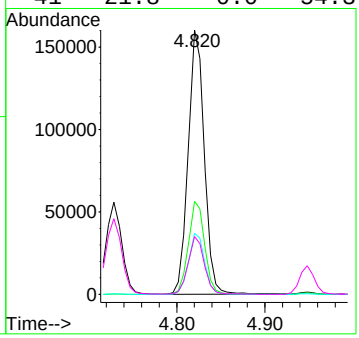


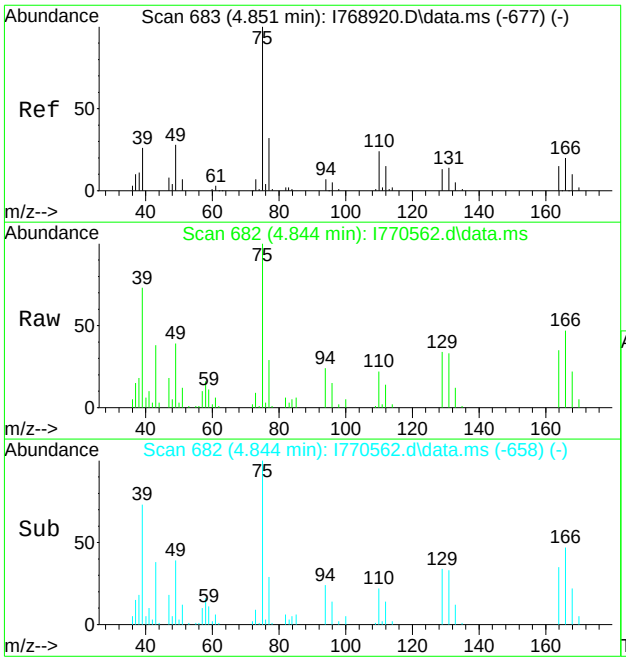


#66
4-Methyl-2-pentanone
Concen: 116.9539 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 204471

Ion	Ratio	Lower	Upper
43	100		
58	35.2	8.5	68.5
57	23.1	0.0	55.2
41	21.8	0.0	54.3

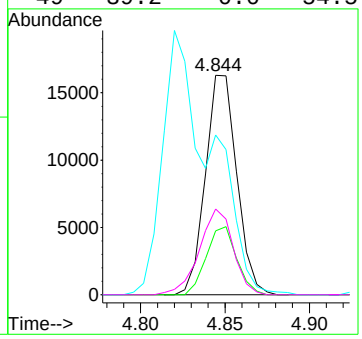


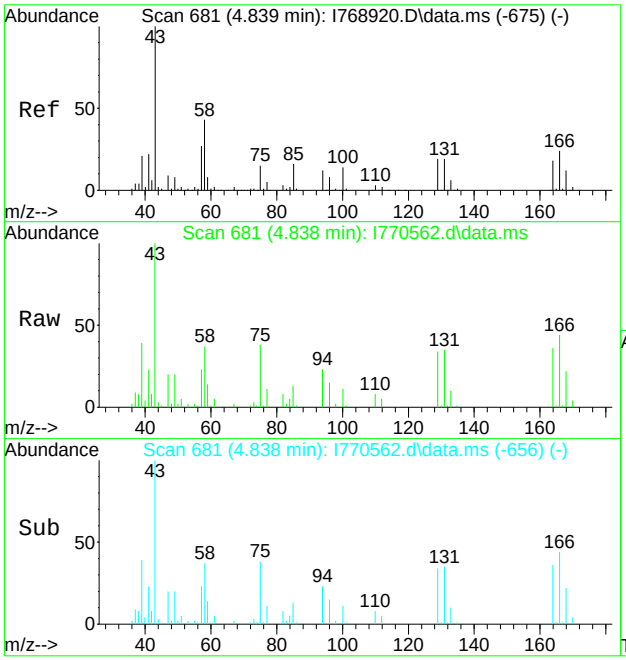


#67
trans-1,3-Dichloropropene
Concen: 21.5300 ug/L
RT: 4.844 min Scan# 682
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 75 Resp: 21101

Ion	Ratio	Lower	Upper
75	100		
77	29.1	2.0	62.0
39	71.7	29.3	89.3
49	39.2	0.0	54.5

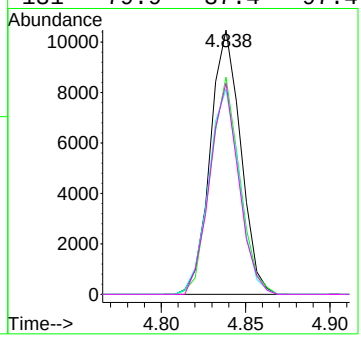


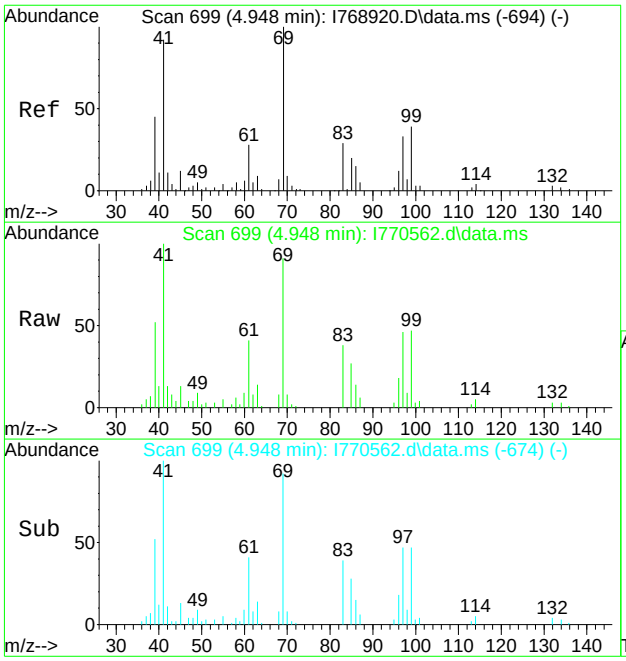


#68
Tetrachloroethene
Concen: 23.1992 ug/L
RT: 4.838 min Scan# 681
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:166 Resp: 13160

Ion	Ratio	Lower	Upper
166	100		
164	82.1	45.5	105.5
129	77.6	37.2	97.2
131	79.9	37.4	97.4

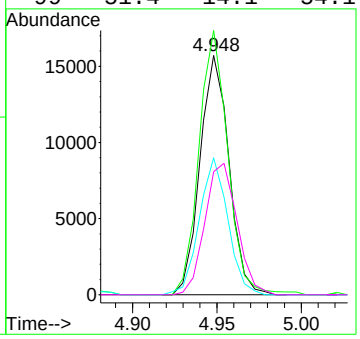


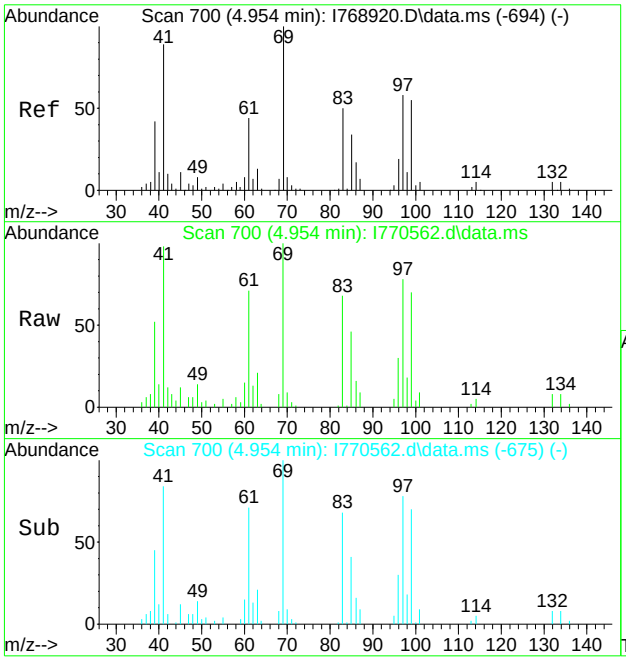


#69
Ethyl methacrylate
Concen: 23.4785 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 69 Resp: 18771

Ion	Ratio	Lower	Upper
69	100		
41	110.4	60.5	100.5#
39	57.2	24.1	64.1
99	51.4	14.1	54.1

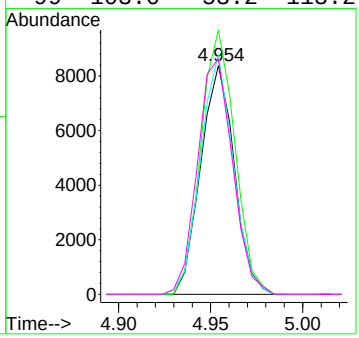


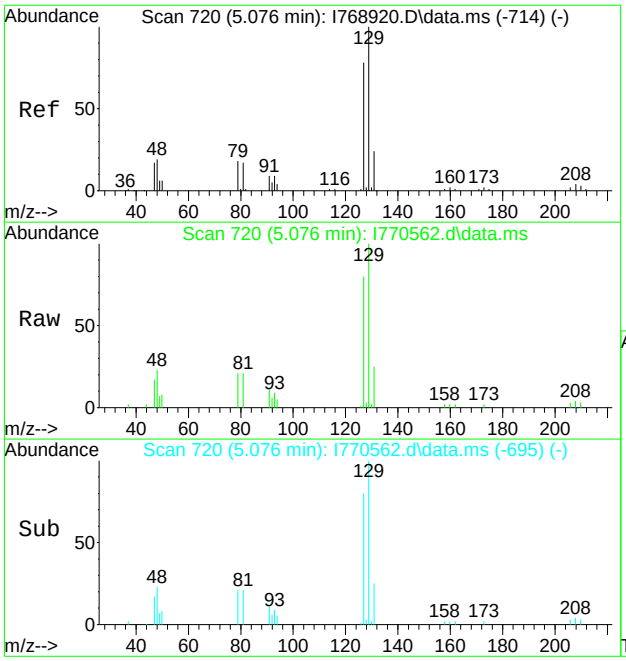


#70
1,1,2-Trichloroethane
Concen: 22.3223 ug/L
RT: 4.954 min Scan# 700
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 83 Resp: 10633

Ion	Ratio	Lower	Upper
83	100		
97	115.6	83.1	143.1
61	104.9	44.3	104.3#
99	103.0	53.2	113.2

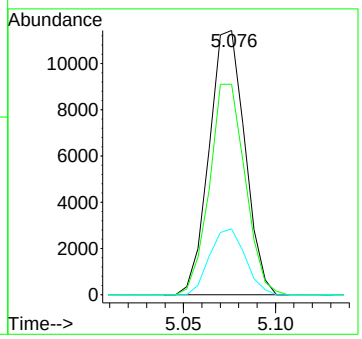


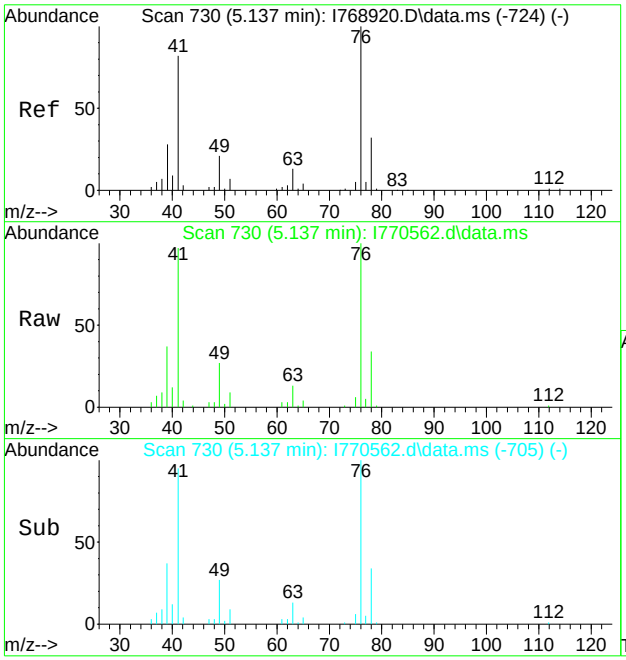


#71
Dibromochloromethane
Concen: 22.4407 ug/L
RT: 5.076 min Scan# 720
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:129 Resp: 15443

Ion	Ratio	Lower	Upper
129	100		
127	79.7	45.3	105.3
131	24.9	0.0	54.1

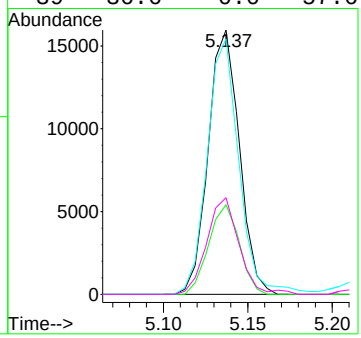


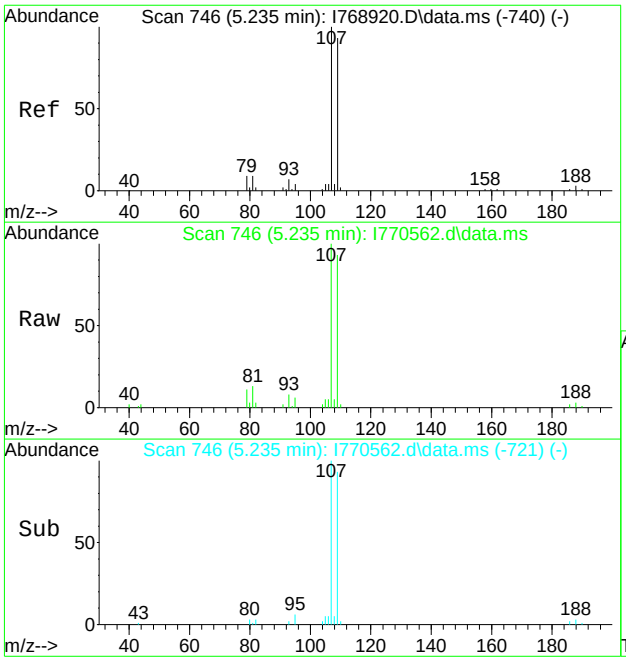


#72
1,3-Dichloropropane
Concen: 21.4058 ug/L
RT: 5.137 min Scan# 730
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 76 Resp: 20508

Ion	Ratio	Lower	Upper
76	100		
78	33.9	2.2	62.2
41	96.7	40.8	100.8
39	36.6	0.0	57.6

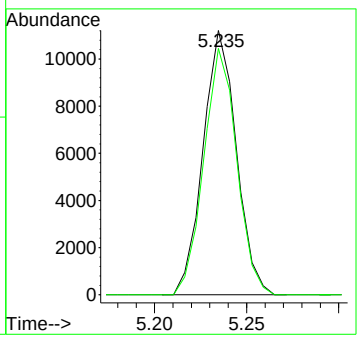


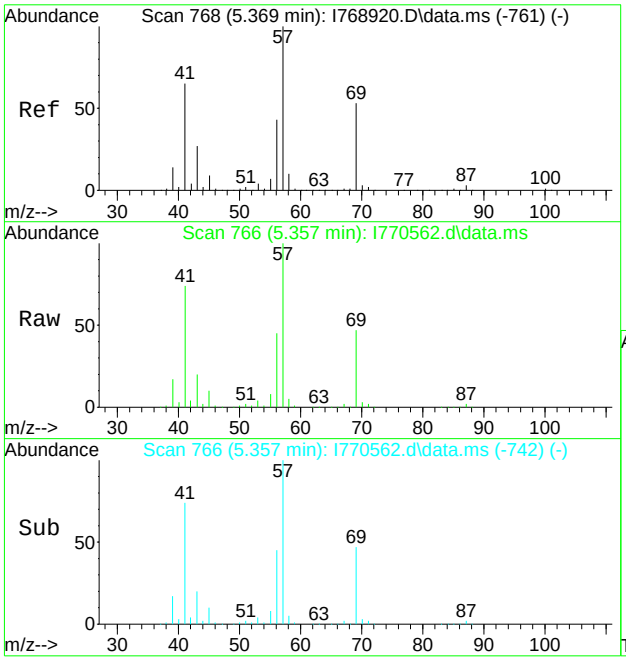


#73
1,2-Dibromoethane
Concen: 21.9308 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:107 Resp: 14102

Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.8	124.8

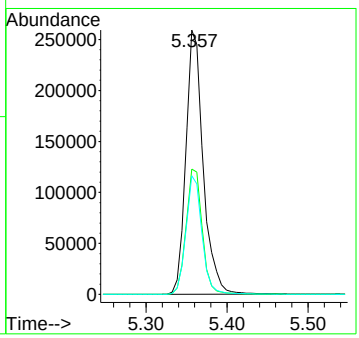


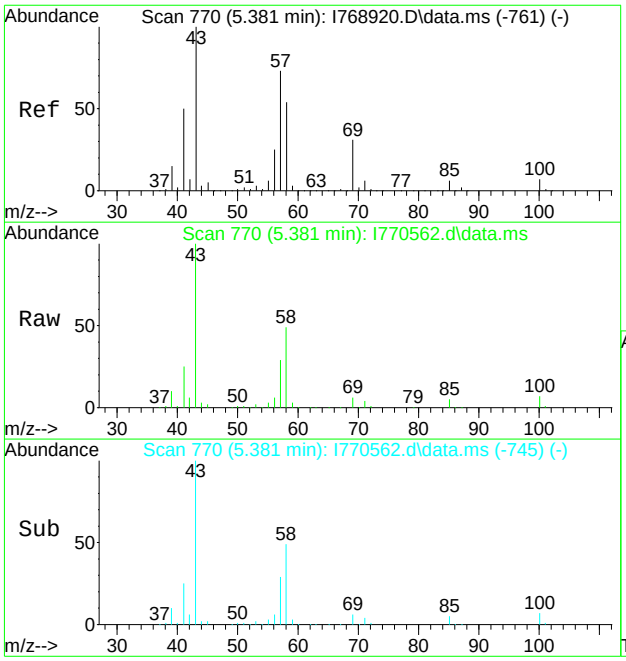


#74
3,3-Dimethyl-1-Butanol
Concen: 1153.4651 ug/L
RT: 5.357 min Scan# 766
Delta R.T. -0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 57 Resp: 384293

Ion	Ratio	Lower	Upper
57	100		
69	47.3	46.8	86.8
56	44.8	22.0	62.0

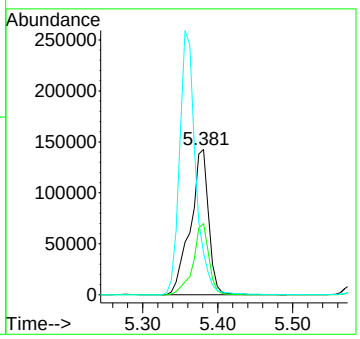


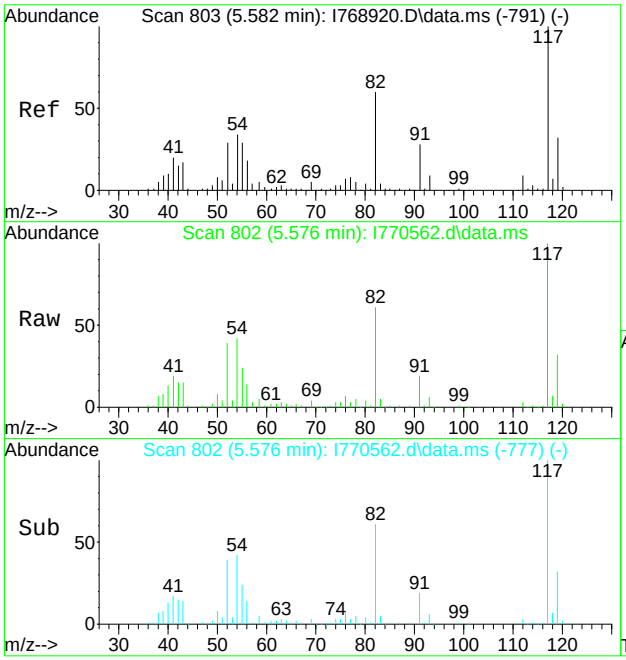


#75
2-hexanone
Concen: 118.5538 ug/L
RT: 5.381 min Scan# 770
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 43 Resp: 240438

Ion	Ratio	Lower	Upper
43	100		
58	48.9	20.1	80.1
57	28.7	33.6	93.6#

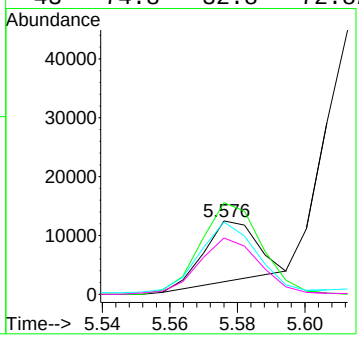


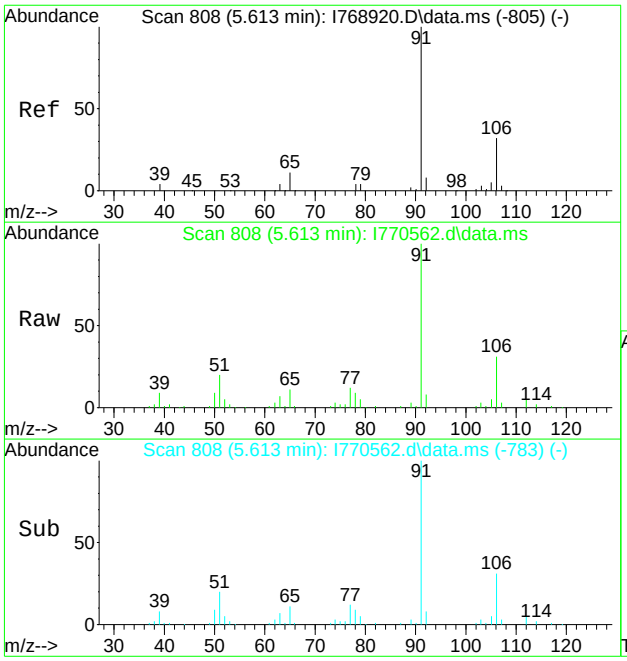


#76
1-Chlorohexane
Concen: 15.2423 ug/L
RT: 5.576 min Scan# 802
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 11565

Ion	Ratio	Lower	Upper
91	100		
55	122.7	60.7	100.7#
41	94.8	44.2	84.2#
43	74.8	32.8	72.8#

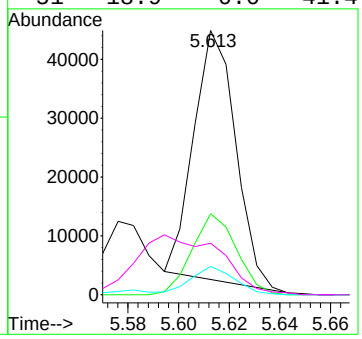


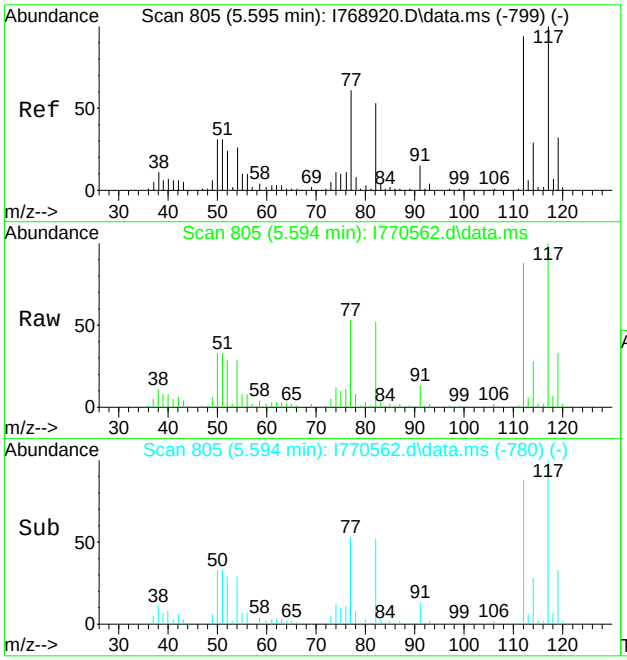


#77
Ethylbenzene
Concen: 18.9393 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 48232

Ion	Ratio	Lower	Upper
91	100		
106	30.8	0.8	60.8
65	10.8	0.0	39.5
51	18.9	0.0	41.4

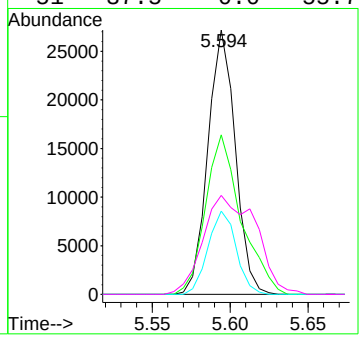


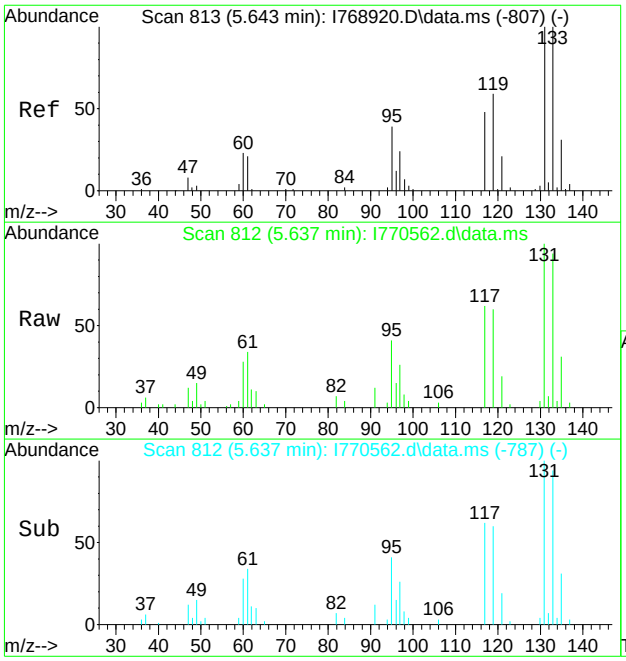


#78
Chlorobenzene
Concen: 22.0658 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:112 Resp: 33159

Ion	Ratio	Lower	Upper
112	100		
77	60.3	30.7	90.7
114	31.5	2.4	62.4
51	37.5	0.0	55.7

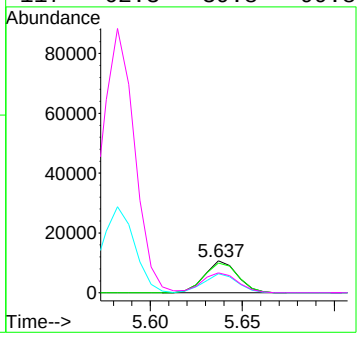


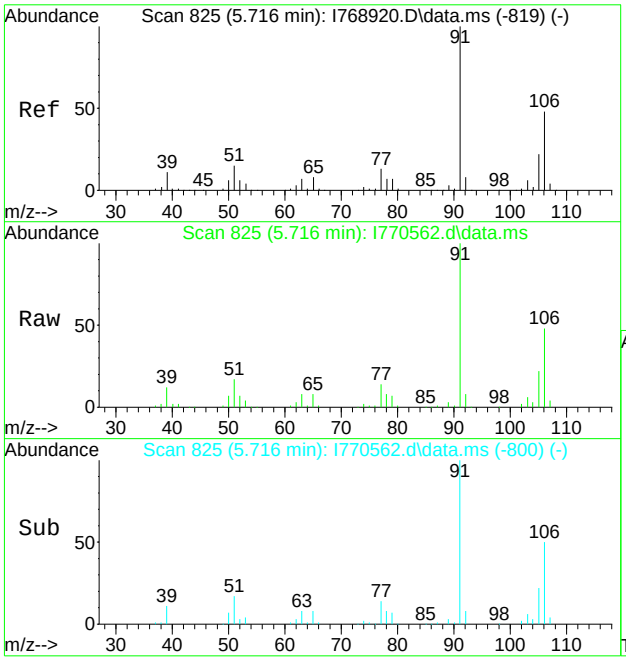


#79
1,1,1,2-Tetrachloroethane
Concen: 21.8682 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:131 Resp: 13268

Ion	Ratio	Lower	Upper
131	100		
133	93.8	70.3	130.3
119	59.8	35.8	95.8
117	62.3	39.8	99.8

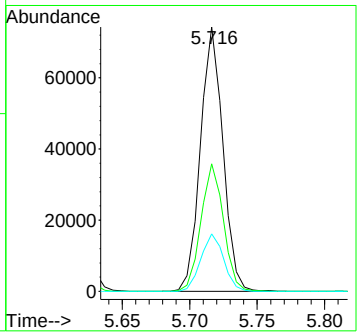


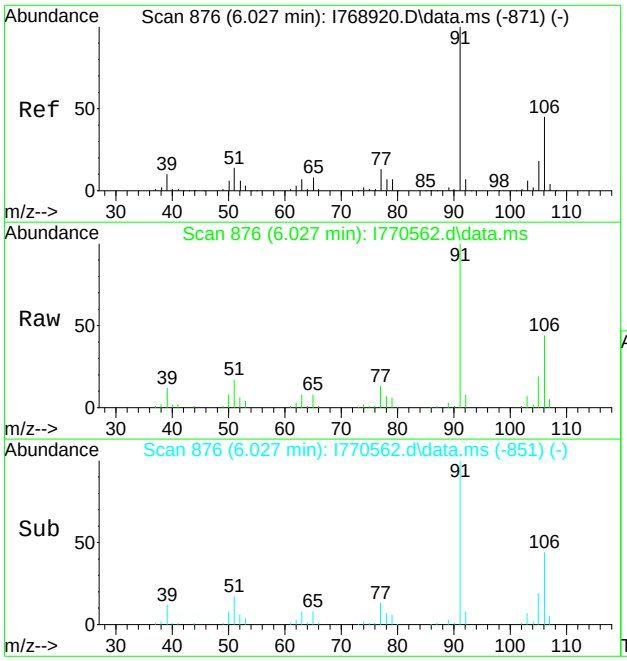


#80
m,p-Xylene
Concen: 43.5965 ug/L
RT: 5.716 min Scan# 825
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 86272

Ion	Ratio	Lower	Upper
91	100		
106	48.3	17.0	77.0
105	21.7	0.0	51.7

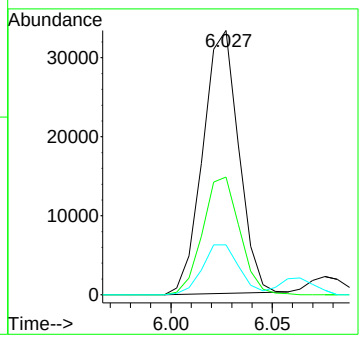


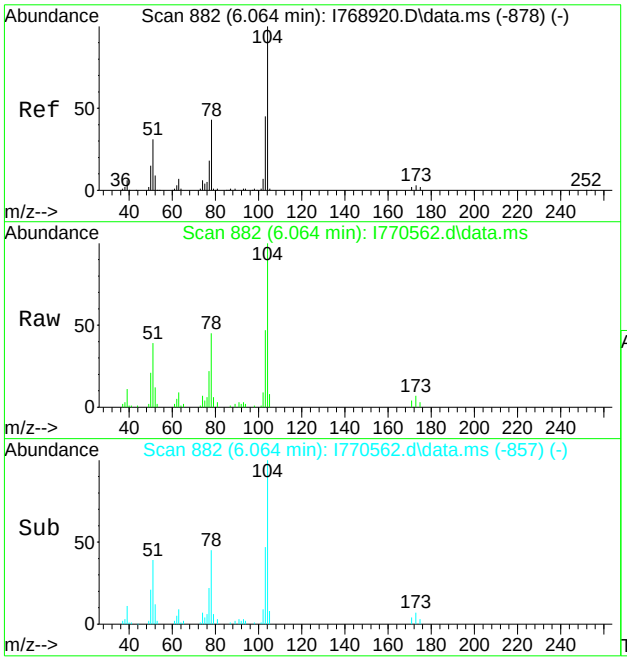


#81
o-Xylene
Concen: 21.6215 ug/L
RT: 6.027 min Scan# 876
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 41081

Ion	Ratio	Lower	Upper
91	100		
106	44.5	15.4	75.4
105	18.9	0.0	49.1

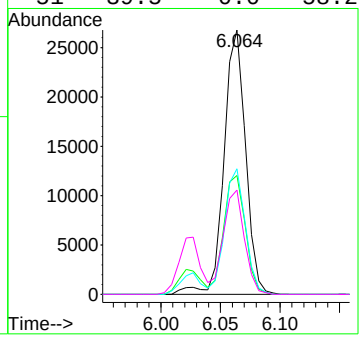


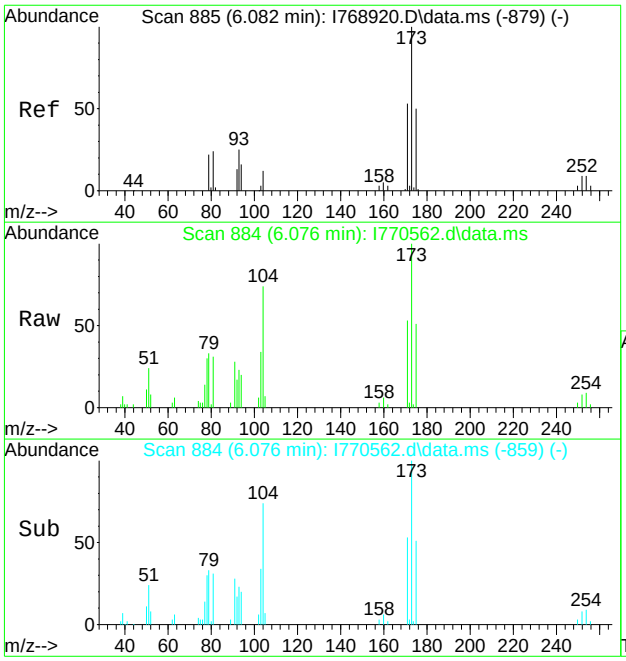


#82
Styrene
Concen: 23.6005 ug/L
RT: 6.064 min Scan# 882
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:104 Resp: 33628

Ion	Ratio	Lower	Upper
104	100		
78	44.9	15.1	75.1
103	47.5	17.1	77.1
51	39.5	0.0	58.2

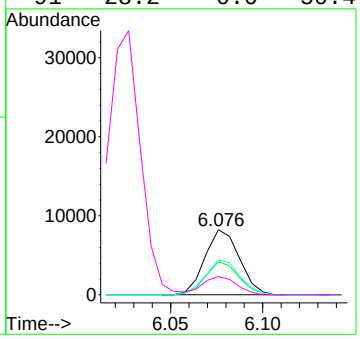


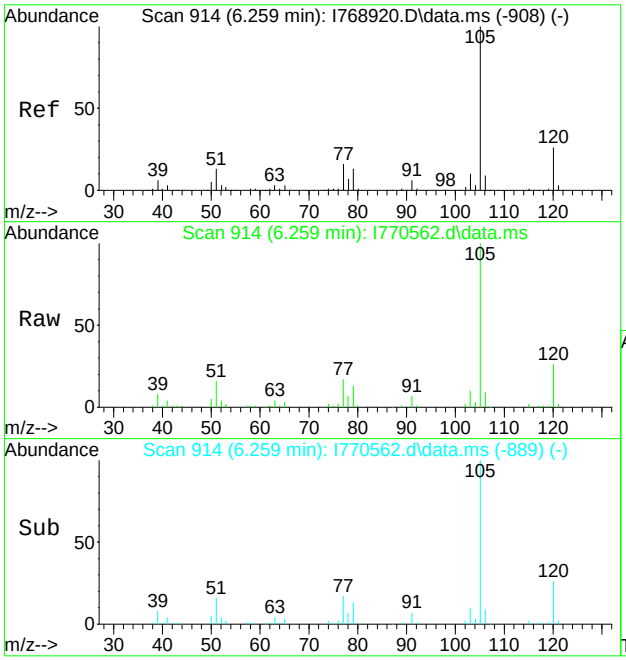


#83
Bromoform
Concen: 20.9522 ug/L
RT: 6.076 min Scan# 884
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:173 Resp: 10758

Ion	Ratio	Lower	Upper
173	100		
175	50.9	18.2	78.2
171	53.5	20.6	80.6
91	28.2	0.0	50.4

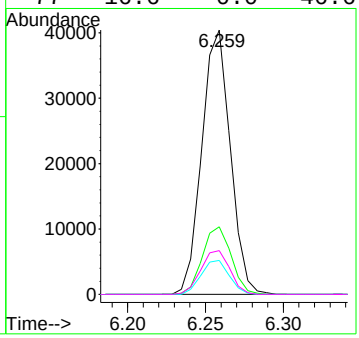


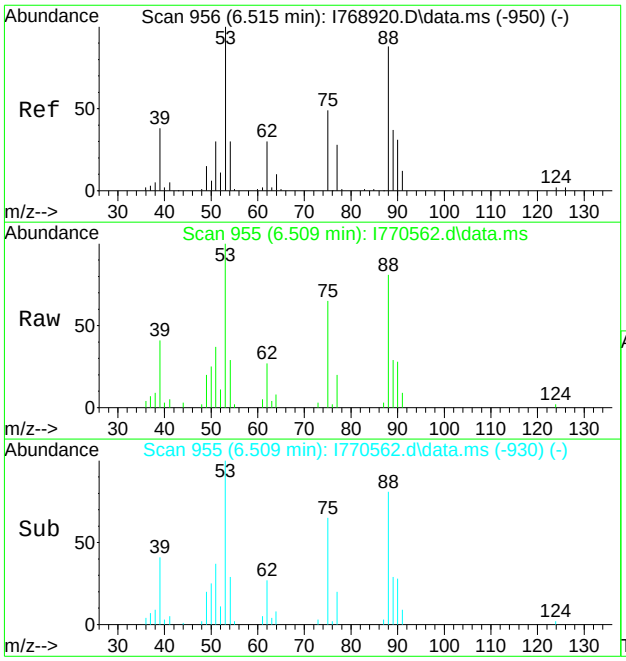


#84
Isopropylbenzene
Concen: 22.9487 ug/L
RT: 6.259 min Scan# 914
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:105 Resp: 51319

Ion	Ratio	Lower	Upper
105	100		
120	25.6	0.0	54.9
79	12.8	0.0	43.9
77	16.6	0.0	46.6

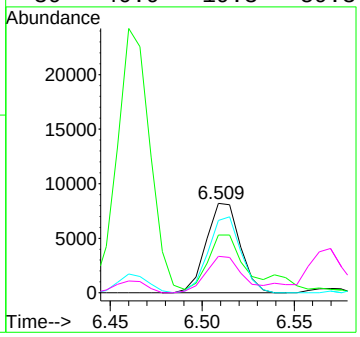


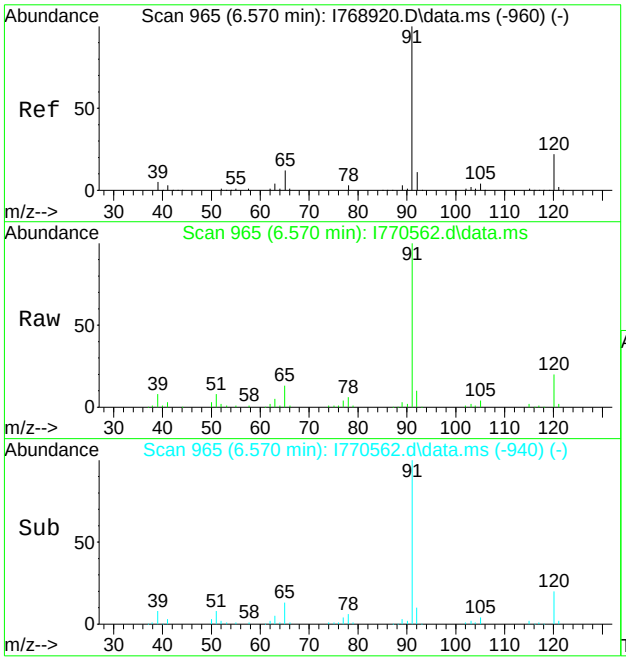


#87
cis-1,4-Dichloro-2-butene
Concen: 20.5054 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 53 Resp: 10519

Ion	Ratio	Lower	Upper
53	100		
75	47.5	62.2	102.2#
88	81.0	86.4	126.4#
39	40.9	19.3	59.3

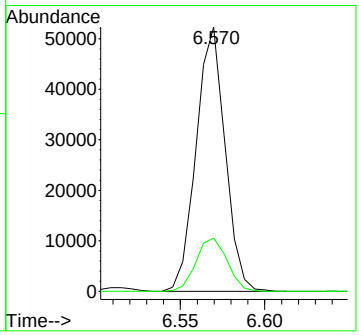


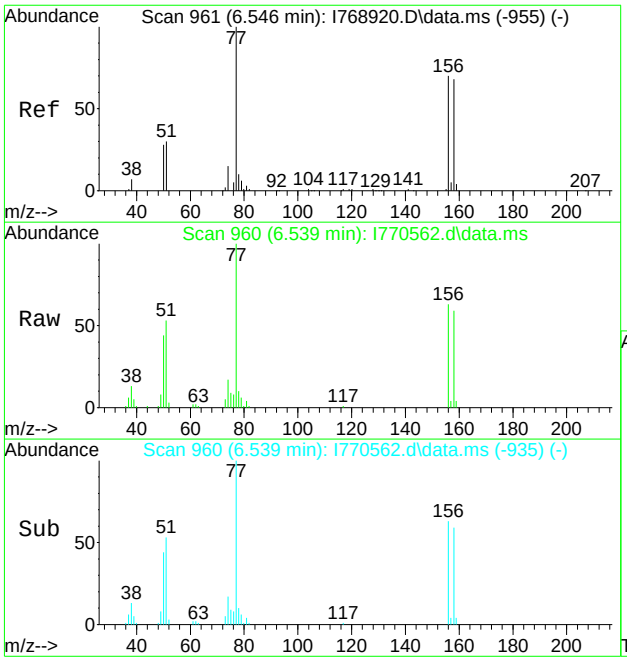


#88
n-Propylbenzene
Concen: 23.3328 ug/L
RT: 6.570 min Scan# 965
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 62495

Ion	Ratio	Lower	Upper
91	100		
120	20.1	0.0	52.3

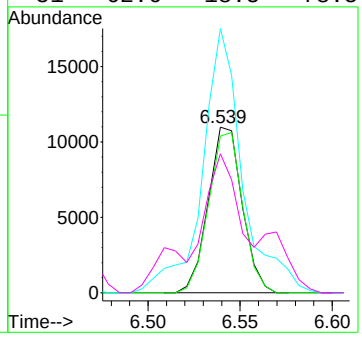


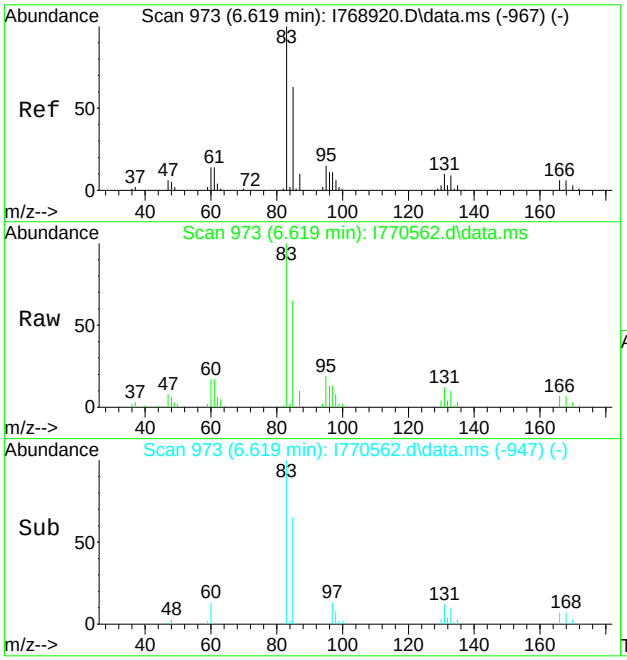


#89
Bromobenzene
Concen: 22.7094 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:156 Resp: 14090

Ion	Ratio	Lower	Upper
156	100		
158	94.7	65.5	125.5
77	145.4	126.3	186.3
51	62.6	18.5	78.5

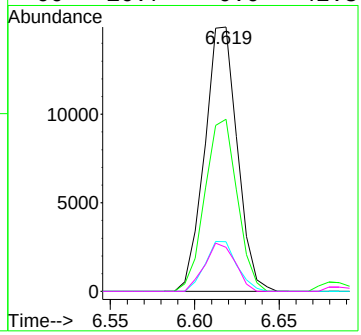


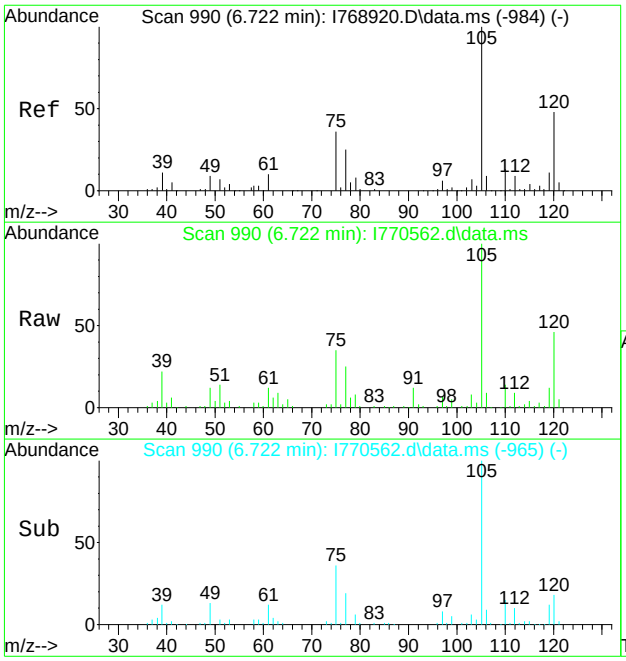


#90
1,1,2,2-Tetrachloroethane
Concen: 21.7893 ug/L
RT: 6.619 min Scan# 973
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 83 Resp: 20060

Ion	Ratio	Lower	Upper
83	100		
85	65.0	36.2	96.2
95	18.8	0.0	46.3
60	16.7	0.0	42.3

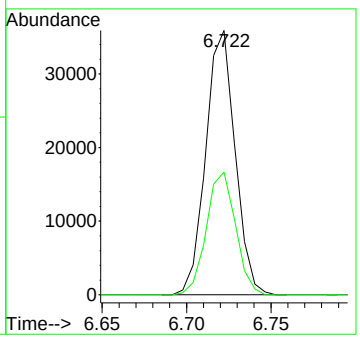


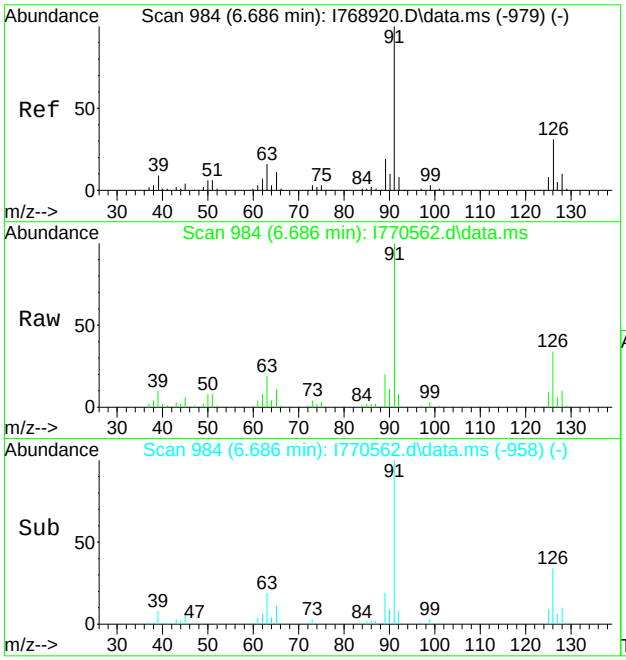


#91
1,3,5-Trimethylbenzene
Concen: 23.9188 ug/L
RT: 6.722 min Scan# 990
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:105 Resp: 43395

Ion	Ratio	Lower	Upper
105	100		
120	46.5	17.5	77.5

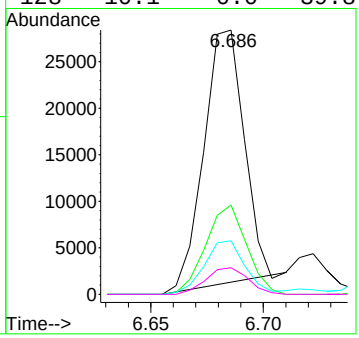


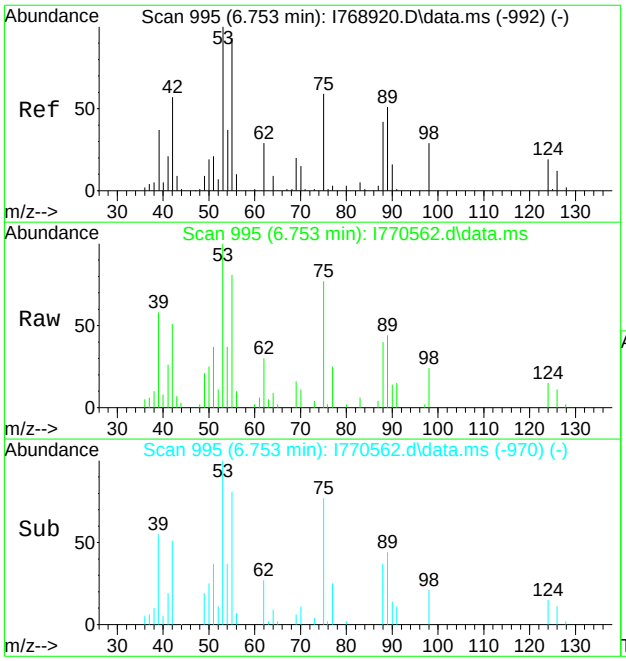


#92
2-Chlorotoluene
Concen: 22.8698 ug/L
RT: 6.686 min Scan# 984
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 34219

Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.4	60.4
89	20.2	0.0	48.4
128	10.1	0.0	39.8

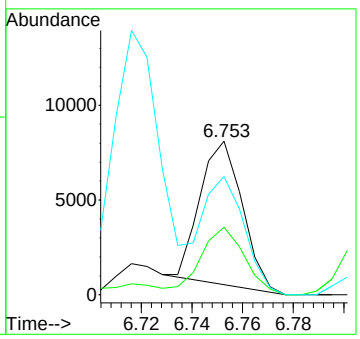


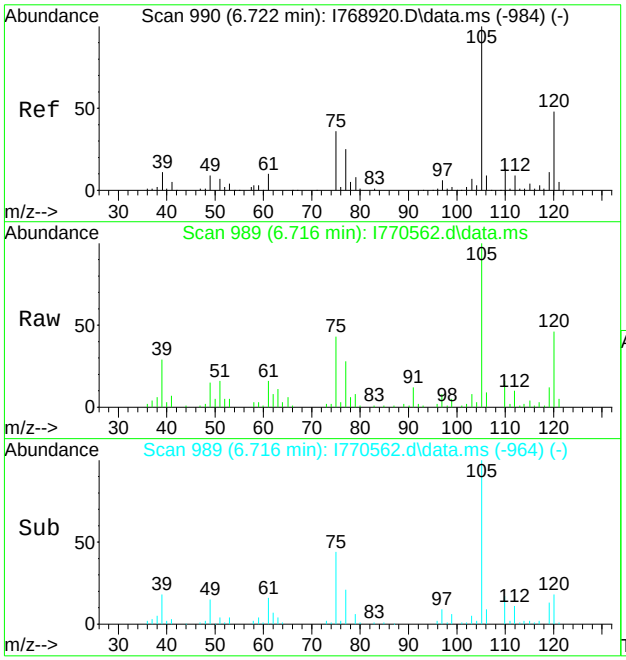


#93
trans-1,4-Dichloro-2-Butene
Concen: 18.3800 ug/L
RT: 6.753 min Scan# 995
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 53 Resp: 8597

Ion	Ratio	Lower	Upper
53	100		
89	44.0	39.5	79.5
75	77.1	80.0	120.0#

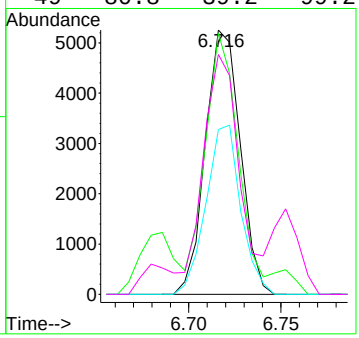


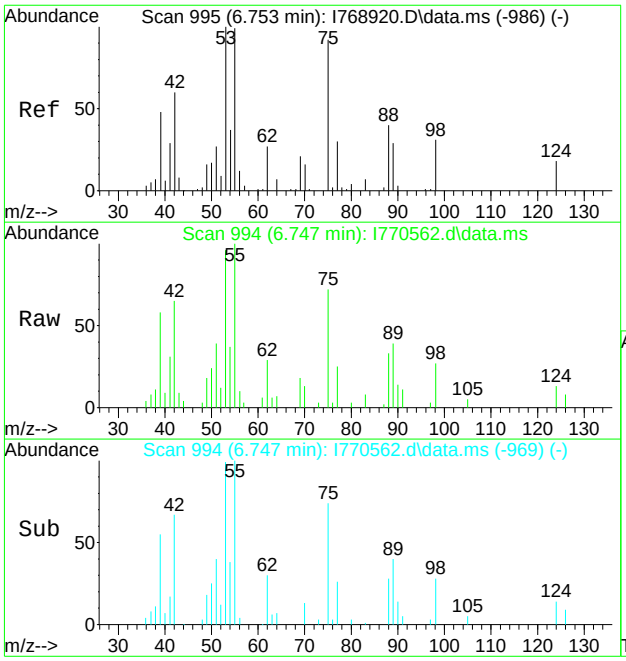


#94
1,2,3-Trichloropropane
Concen: 23.1624 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:110 Resp: 6941

Ion	Ratio	Lower	Upper
110	100		
61	89.4	57.4	117.4
112	62.4	29.8	89.8
49	80.8	39.2	99.2

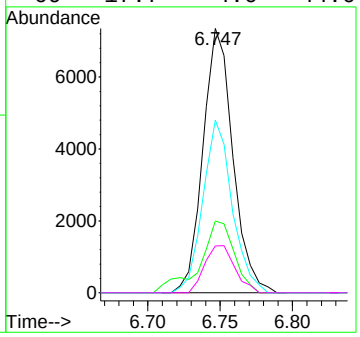


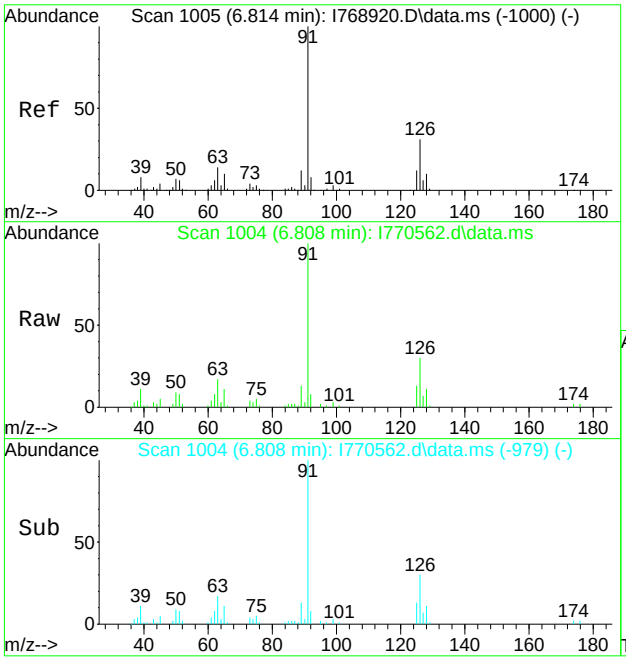


#95
Cyclohexanone
Concen: 107.0538 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 55 Resp: 10561

Ion	Ratio	Lower	Upper
55	100		
98	27.2	20.6	60.6
42	65.3	43.8	83.8
69	17.7	4.0	44.0

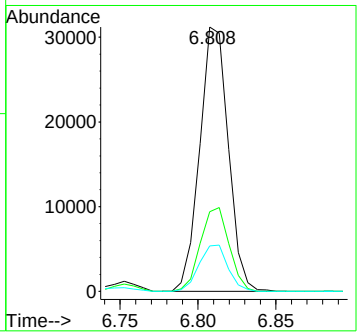


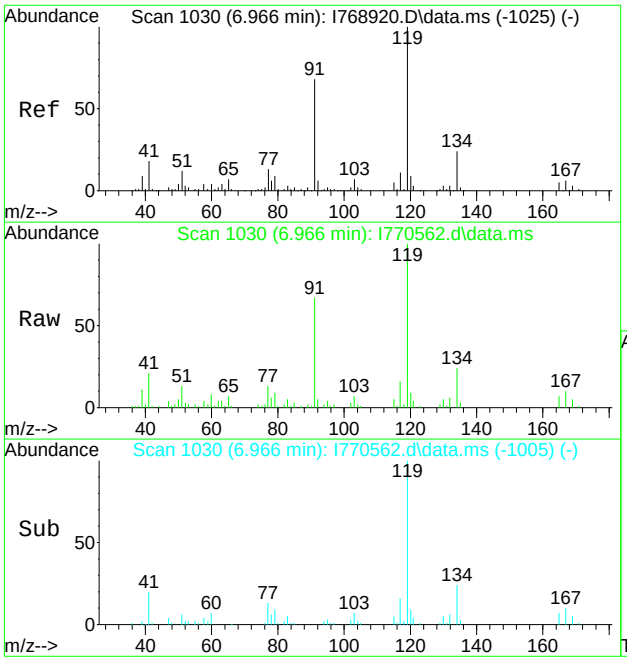


#96
4-Chlorotoluene
Concen: 23.3629 ug/L
RT: 6.808 min Scan# 1004
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 39764

Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	59.5
63	17.2	0.0	44.0

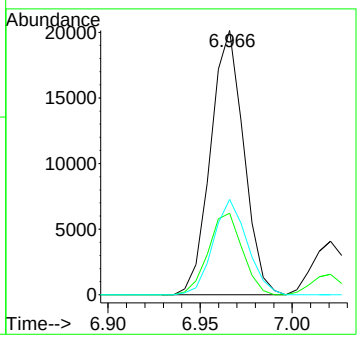


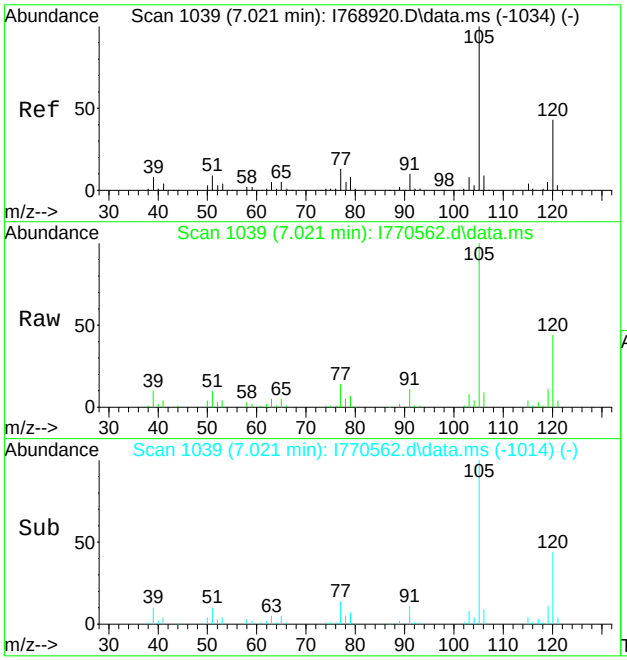


#97
tert-Butylbenzene
Concen: 24.6426 ug/L
RT: 6.966 min Scan# 1030
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 91 Resp: 25295

Ion	Ratio	Lower	Upper
91	100		
41	30.8	0.0	52.9
134	36.1	4.8	64.8

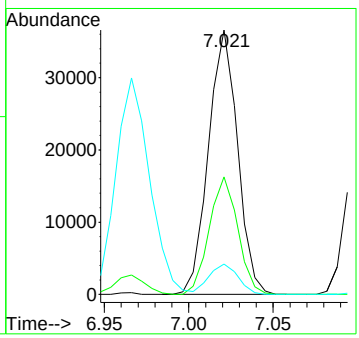


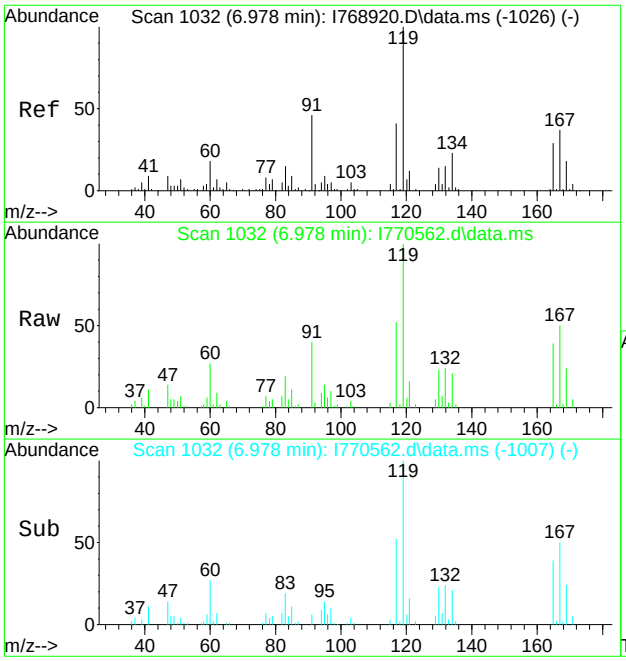


#98
1,2,4-Trimethylbenzene
Concen: 23.5124 ug/L
RT: 7.021 min Scan# 1039
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:105 Resp: 43911

Ion	Ratio	Lower	Upper
105	100		
120	44.4	13.7	73.7
119	11.4	0.0	41.5

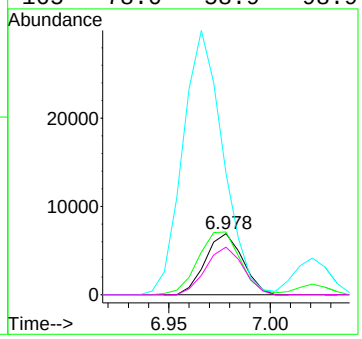


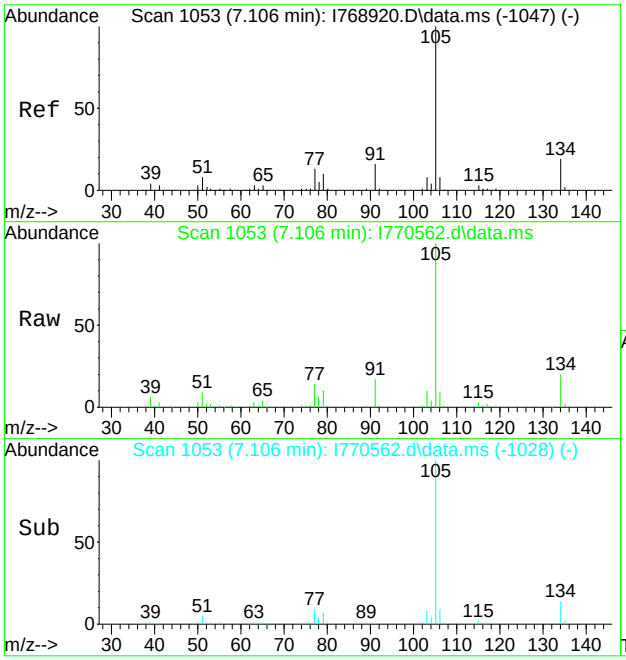


#99
Pentachloroethane
Concen: 25.1909 ug/L
RT: 6.978 min Scan# 1032
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:167 Resp: 8922

Ion	Ratio	Lower	Upper
167	100		
117	100.8	79.4	139.4
119	176.3	554.0	614.0#
165	78.0	58.9	98.9

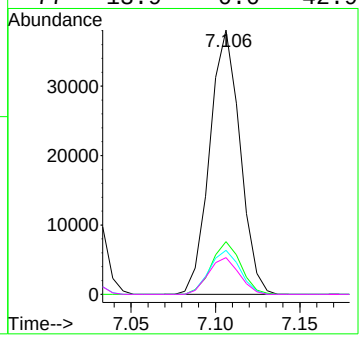


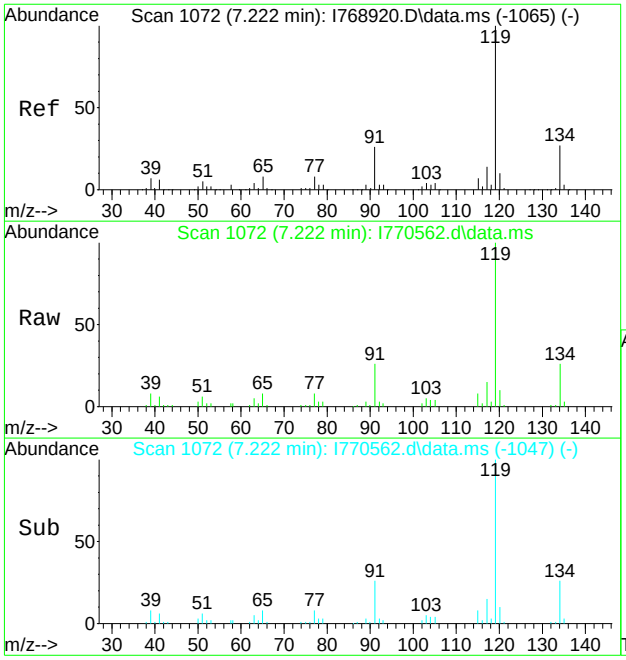


#100
sec-Butylbenzene
Concen: 23.0514 ug/L
RT: 7.106 min Scan# 1053
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:105 Resp: 47751

Ion	Ratio	Lower	Upper
105	100		
134	19.9	0.0	50.2
91	16.6	0.0	46.2
77	13.9	0.0	42.9

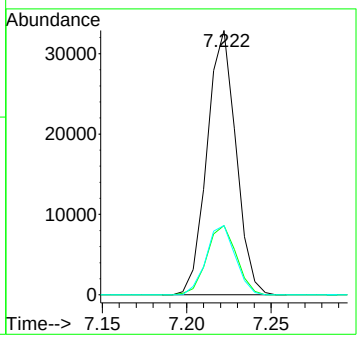


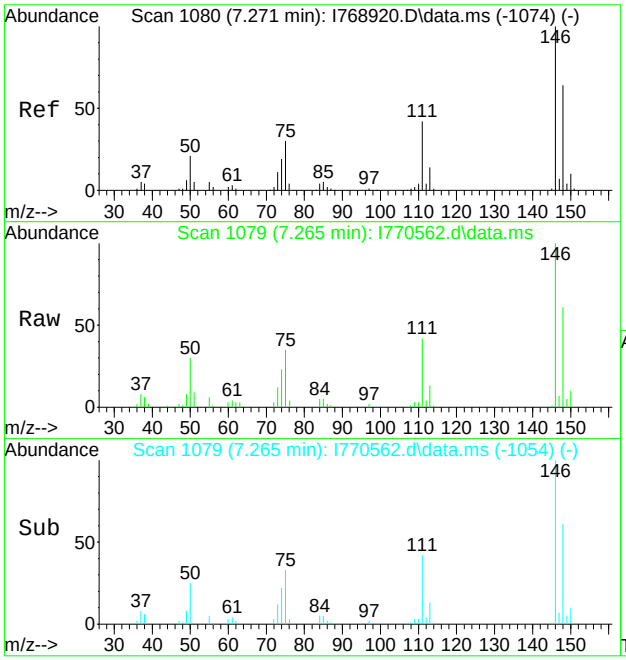


#101
4-Isopropyltoluene
Concen: 22.7476 ug/L
RT: 7.222 min Scan# 1072
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:119 Resp: 39218

Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	57.1
91	26.2	0.0	56.2

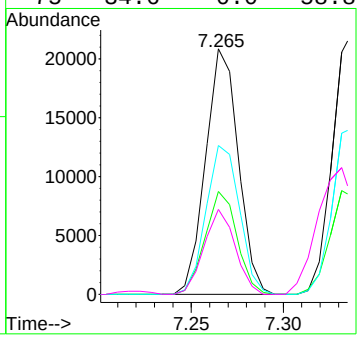


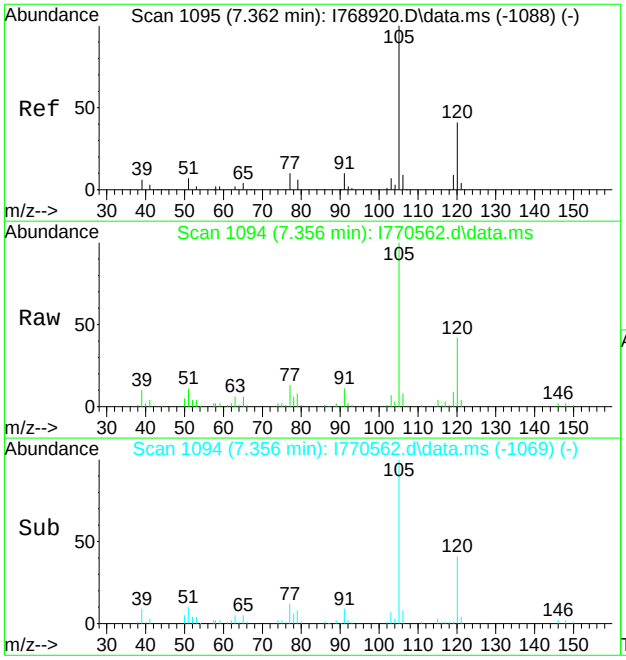


#102
1,3-Dichlorobenzene
Concen: 23.1957 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:146 Resp: 25845

Ion	Ratio	Lower	Upper
146	100		
111	41.9	11.0	71.0
148	60.6	32.9	92.9
75	34.6	0.0	58.8

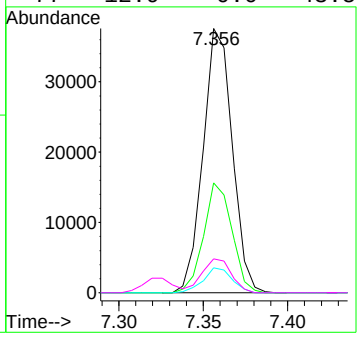


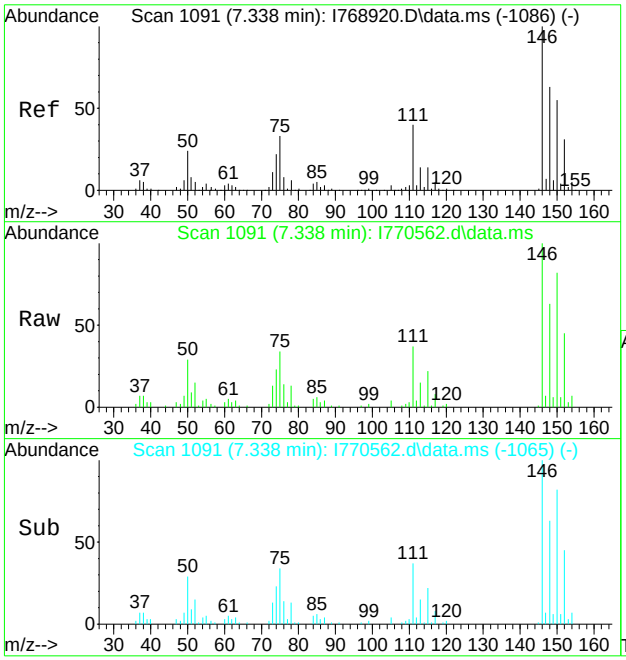


#103
1,2,3-Trimethylbenzene
Concen: 24.1518 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:105 Resp: 45256

Ion	Ratio	Lower	Upper
105	100		
120	41.6	11.0	71.0
119	9.4	0.0	39.1
77	12.9	0.0	43.5

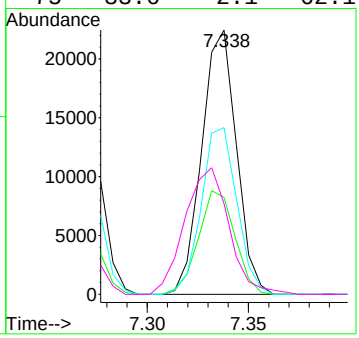


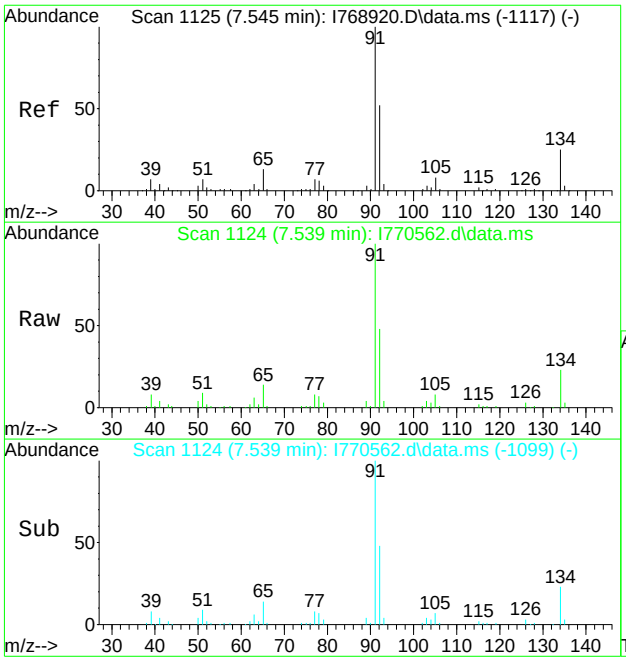


#104
1,4-Dichlorobenzene
Concen: 22.6844 ug/L
RT: 7.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:146 Resp: 26826

Ion	Ratio	Lower	Upper
146	100		
111	36.6	9.8	69.8
148	63.1	33.7	93.7
75	33.6	2.1	62.1

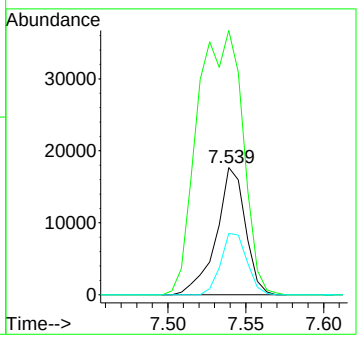


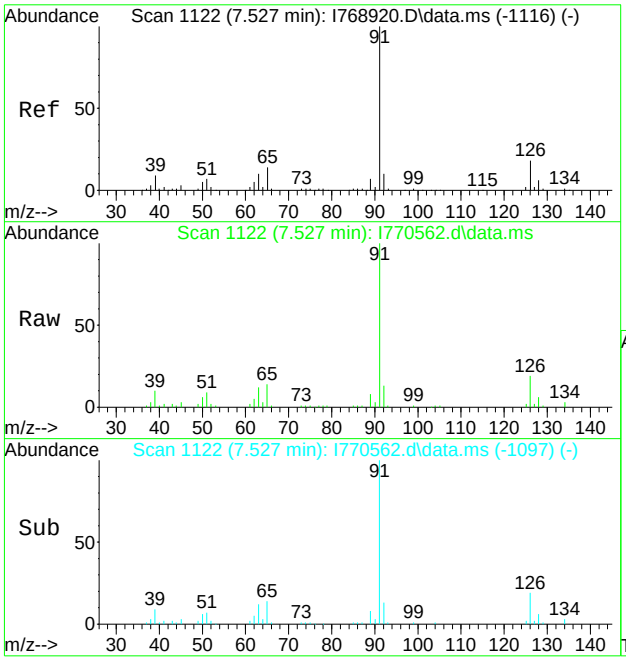


#105
n-Butylbenzene
Concen: 23.8198 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 92 Resp: 22835

Ion	Ratio	Lower	Upper
92	100		
91	207.6	158.3	218.3
134	48.1	16.3	76.3

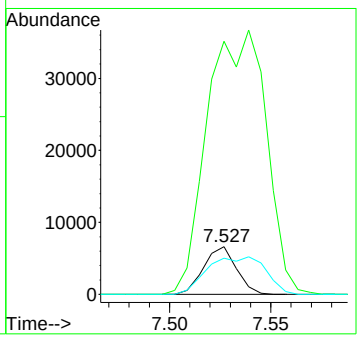


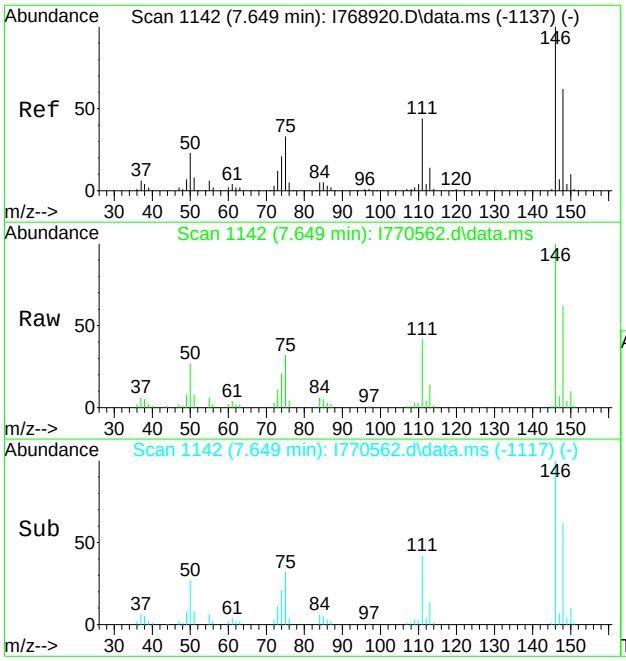


#106
Benzyl Chloride
Concen: 21.7888 ug/L
RT: 7.527 min Scan# 1122
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:126 Resp: 7452

Ion	Ratio	Lower	Upper
126	100		
91	529.8	503.6	543.6
65	76.0	49.6	89.6

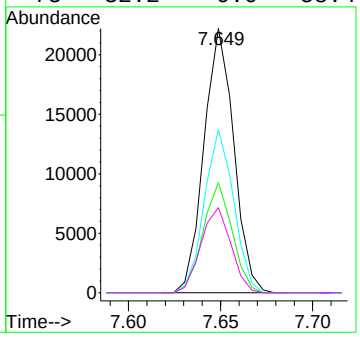


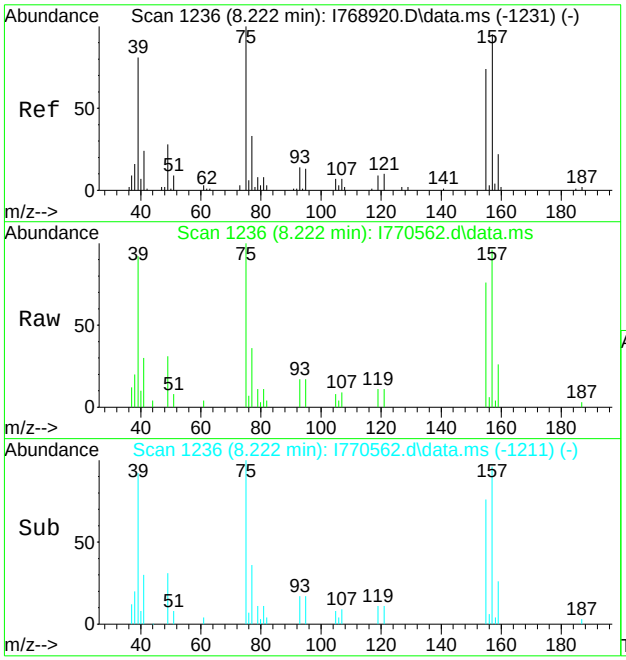


#107
1,2-Dichlorobenzene
Concen: 23.6005 ug/L
RT: 7.649 min Scan# 1142
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:146 Resp: 25074

Ion	Ratio	Lower	Upper
146	100		
111	41.8	11.2	71.2
148	61.6	34.6	94.6
75	32.2	0.0	58.4

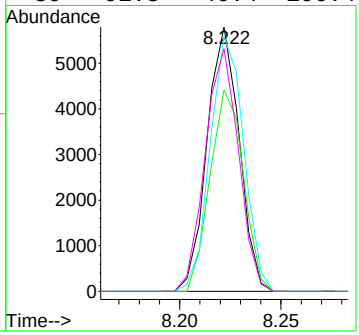


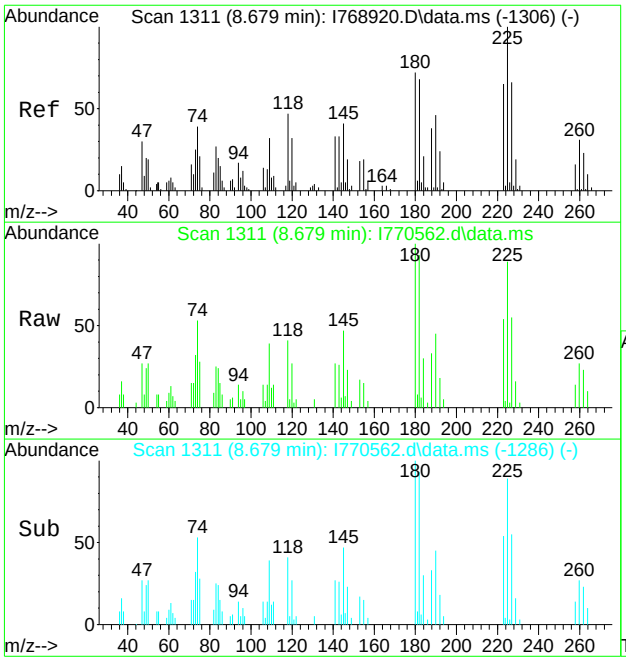


#108
1,2-Dibromo-3-Chloropropane
Concen: 21.5910 ug/L
RT: 8.222 min Scan# 1236
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion: 75 Resp: 6409

Ion	Ratio	Lower	Upper
75	100		
155	76.2	44.6	104.6
157	96.4	64.6	124.6
39	91.8	46.4	106.4

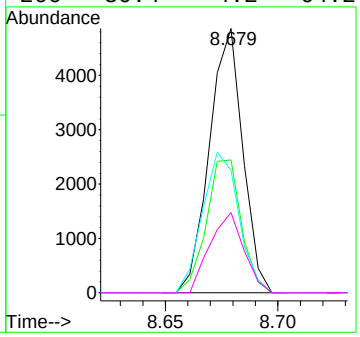


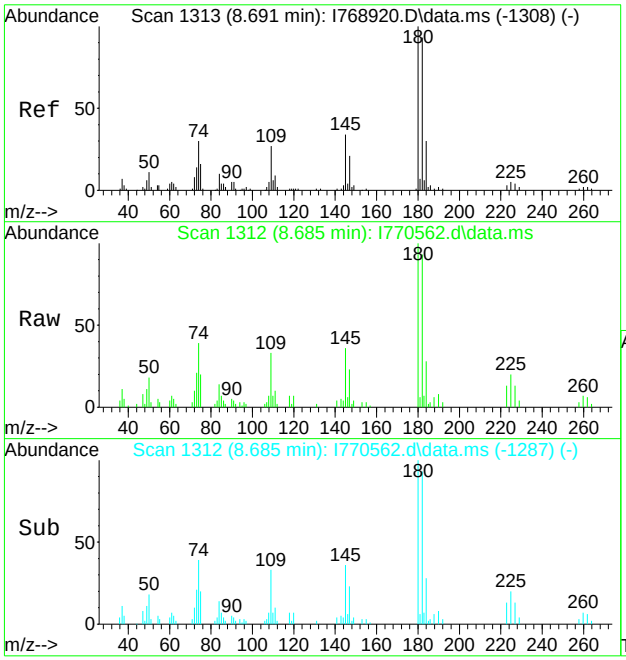


#109
Hexachlorobutadiene
Concen: 21.1493 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:225 Resp: 5037

Ion	Ratio	Lower	Upper
225	100		
190	50.3	14.4	74.4
118	46.4	3.8	63.8
260	30.4	4.2	64.2

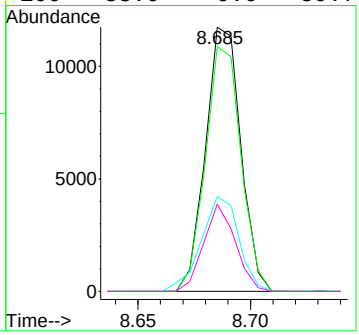


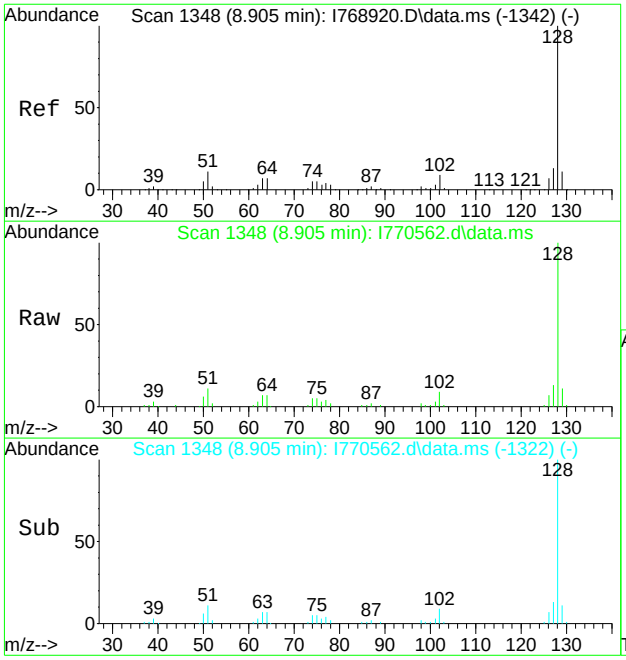


#110
1,2,4-Trichlorobenzene
Concen: 21.9835 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:180 Resp: 12829

Ion	Ratio	Lower	Upper
180	100		
182	92.7	68.0	128.0
145	36.0	4.1	64.1
109	33.0	0.0	59.7

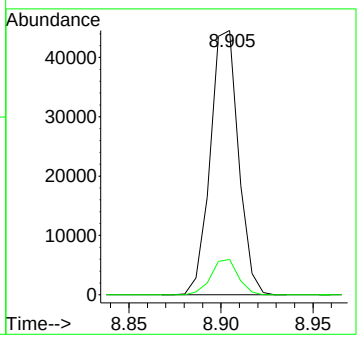


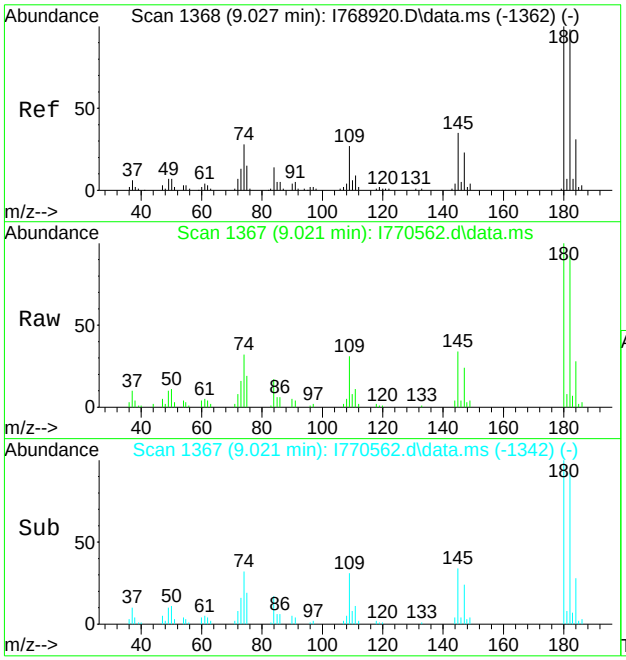


#111
Naphthalene
Concen: 22.3137 ug/L
RT: 8.905 min Scan# 1348
Delta R.T. 0.006 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:128 Resp: 47500

Ion	Ratio	Lower	Upper
128	100		
127	13.3	0.0	42.5

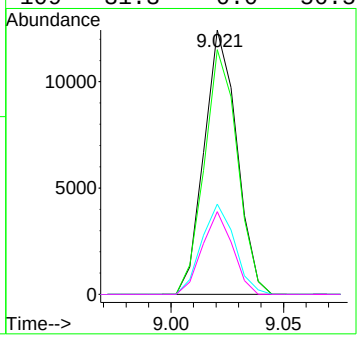




#112
1,2,3-Trichlorobenzene
Concen: 23.3043 ug/L
RT: 9.021 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I770562.d
Acq: 8 Apr 2025 3:35 pm

Tgt Ion:180 Resp: 12601

Ion	Ratio	Lower	Upper
180	100		
182	92.5	64.2	124.2
145	34.1	3.1	63.1
109	31.3	0.0	56.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770563.d
Acq On : 8 Apr 2025 3:51 pm
Operator : jeniferw
Sample : FC23706-8MSD Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 08 15:31:20 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	156292	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	110449	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	59676	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	47773	50.79	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.58%			
49) 1,2-Dichloroethane-d4	3.455	65	68890	52.70	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.40%			
63) Toluene-d8	4.552	98	148104	47.47	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.94%			
86) 4-Bromofluorobenzene	6.466	174	43389	49.05	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	13359	19.3498	ug/L	98
3) Chloromethane	1.205	50	15929	17.7111	ug/L	97
4) 1,3-butadiene	1.266	39	24378	28.3849	ug/L	97
5) Vinyl Chloride	1.254	62	14608	19.7285	ug/L	97
6) Bromomethane	1.449	94	5235	14.4143	ug/L	96
7) Chloroethane	1.516	64	8417	24.0455	ug/L	95
8) Trichlorofluoromethane	1.601	101	21962	21.2854	ug/L	96
9) Ethyl Ether	1.784	59	18217	21.6397	ug/L	81
10) Ethanol	1.870	45	18420	517.6500	ug/L	97
11) 1,2-Dichlorotrifluoroe...	1.888	67	17726	22.6897	ug/L	98
12) 1,1-Dichloroethene	1.894	61	26563	20.1000	ug/L	94
13) Freon 113	1.918	101	13897	23.0730	ug/L	96
14) Carbon Disulfide	1.912	76	41763	21.1314	ug/L	86
15) Iodomethane	1.973	142	12347	20.1355	ug/L	92
16) Acrolein	2.077	56	25999	79.9942	ug/L	99
17) Allyl chloride	2.150	41	33712	22.8527	ug/L	89
18) Methylene Chloride	2.211	49	32403	21.7362	ug/L	80
19) Acetone	2.235	43	77562	110.8382	ug/L	97
20) Methyl acetate	2.302	43	189590	105.8999	ug/L	92
21) trans-1,2-Dichloroethene	2.296	61	25264	20.6628	ug/L	92
22) Hexane	2.339	56	16611	21.2327	ug/L #	75
23) Methyl Tert Butyl Ether	2.357	73	45842	21.7227	ug/L #	44
24) Acetonitrile	2.485	41	62999	243.0866	ug/L	97
25) Tert Butyl Alcohol	2.406	59	119784	276.0084	ug/L	79
26) Di-isopropyl ether	2.558	45	70724	22.5767	ug/L	94
27) Chloroprene	2.656	53	82892	22.5890	ug/L	81
28) 1,1-Dichloroethane	2.626	63	28937	21.7987	ug/L	99
29) Acrylonitrile	2.656	52	64963	109.3919	ug/L #	67
30) ETBE	2.754	59	58115	21.8479	ug/L	90
31) Vinyl acetate	2.754	43	294286	107.6209	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	13058	22.2001	ug/L #	84
33) 2,2-Dichloropropane	2.979	77	21600	22.0416	ug/L	97
34) Bromochloromethane	3.028	128	6579	22.2792	ug/L #	62
35) Cyclohexane	3.034	56	30253	22.2971	ug/L #	88
36) Chloroform	3.058	83	26263	22.1157	ug/L	92
37) Ethyl acetate	3.119	43	202516	102.3270	ug/L	94
38) Tetrahydrofuran	3.156	42	15470	19.3699	ug/L	89
40) Carbon Tetrachloride	3.144	117	18776	20.1084	ug/L	99
41) 1,1,1-Trichloroethane	3.180	97	22927	22.9401	ug/L	93
42) 2-Butanone	3.229	43	122215	103.0020	ug/L	86
43) 1,1-Dichloropropene	3.247	75	17320	23.9403	ug/L	89
44) tert-Butyl formate	3.308	59	16724	19.3980	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770563.d
Acq On : 8 Apr 2025 3:51 pm
Operator : jeniferw
Sample : FC23706-8MSD Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 08 15:31:20 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	78162	249.7629	ug/L	#	39
46) Methacrylonitrile	3.406	41	240018	246.6739	ug/L		97
47) Benzene	3.388	78	46307	20.4410	ug/L	#	41
48) TAME	3.442	73	38071	21.4130	ug/L	#	77
50) 1,2-Dichloroethane	3.497	62	25879	22.1698	ug/L		92
51) Isobutyl Alcohol	3.442	43	15526	389.8220	ug/L		69
52) Tert Amyl Alcohol	3.546	59	74535	226.4529	ug/L		85
53) Trichloroethene	3.711	95	13373	21.0686	ug/L		96
54) Methylcyclohexane	3.711	83	17565	22.1460	ug/L	#	67
55) Dibromomethane	3.961	93	9661	21.2964	ug/L		96
56) 1,2-Dichloropropane	4.016	63	15570	21.9524	ug/L		89
57) Bromodichloromethane	4.052	83	19424	21.5660	ug/L	#	96
58) Methyl methacrylate	4.137	41	25783	23.7398	ug/L		85
59) 1,4-Dioxane	4.180	88	7838	470.5792	ug/L		73
61) cis-1,3-Dichloropropene	4.436	75	20362	20.4758	ug/L		87
64) Toluene	4.589	91	49894	21.4055	ug/L		96
65) 2-Nitropropane	4.729	41	58190	118.5899	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	213482	119.1230	ug/L		96
67) trans-1,3-Dichloropropene	4.845	75	20687	20.5916	ug/L		84
68) Tetrachloroethene	4.839	166	13121	22.5650	ug/L		92
69) Ethyl methacrylate	4.948	69	20150	24.5872	ug/L	#	75
70) 1,1,2-Trichloroethane	4.954	83	11060	22.6512	ug/L		86
71) Dibromochloromethane	5.070	129	15373	21.7929	ug/L		95
72) 1,3-Dichloropropane	5.137	76	20543	20.9182	ug/L		82
73) 1,2-Dibromoethane	5.235	107	13860	21.0276	ug/L		98
74) 3,3-Dimethyl-1-Butanol	5.357	57	411841	1205.9326	ug/L		84
75) 2-hexanone	5.381	43	254762	122.5459	ug/L	#	75
76) 1-Chlorohexane	5.582	91	11559	14.8620	ug/L	#	72
77) Ethylbenzene	5.613	91	48309	18.5058	ug/L		96
78) Chlorobenzene	5.594	112	32891	21.3524	ug/L		94
79) 1,1,1,2-Tetrachloroethane	5.637	131	13429	21.5925	ug/L		95
80) m,p-Xylene	5.716	91	86543	42.6643	ug/L		99
81) o-Xylene	6.027	91	42072	21.6018	ug/L		100
82) Styrene	6.064	104	33460	22.9086	ug/L		93
83) Bromoform	6.076	173	10942	20.7896	ug/L		98
84) Isopropylbenzene	6.259	105	51788	22.5923	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	10897	20.5293	ug/L	#	74
88) n-Propylbenzene	6.570	91	62419	22.5223	ug/L		99
89) Bromobenzene	6.539	156	14213	22.1388	ug/L	#	87
90) 1,1,2,2-Tetrachloroethane	6.613	83	20040	21.0370	ug/L		95
91) 1,3,5-Trimethylbenzene	6.722	105	43609	23.2300	ug/L		99
92) 2-Chlorotoluene	6.686	91	34841	22.5039	ug/L		94
93) trans-1,4-Dichloro-2-B...	6.753	53	9164	18.9346	ug/L	#	82
94) 1,2,3-Trichloropropane	6.716	110	6843	22.0689	ug/L		95
95) Cyclohexanone	6.747	55	12288	120.3791	ug/L		90
96) 4-Chlorotoluene	6.808	91	39909	22.6611	ug/L		93
97) tert-Butylbenzene	6.966	91	25083	23.6158	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	43370	22.4433	ug/L		99
99) Pentachloroethane	6.978	167	9618	26.2446	ug/L	#	1
100) sec-Butylbenzene	7.106	105	46667	21.7720	ug/L		98
101) 4-Isopropyltoluene	7.222	119	39633	22.2167	ug/L		100
102) 1,3-Dichlorobenzene	7.265	146	26282	22.7962	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	45191	23.3076	ug/L		100
104) 1,4-Dichlorobenzene	7.338	146	26575	21.7179	ug/L		98
105) n-Butylbenzene	7.539	92	22487	22.6695	ug/L		89
106) Benzyl Chloride	7.527	126	7613	21.5124	ug/L		96
107) 1,2-Dichlorobenzene	7.649	146	24747	22.5109	ug/L		97
108) 1,2-Dibromo-3-Chloropr...	8.222	75	6615	21.5370	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770563.d
Acq On : 8 Apr 2025 3:51 pm
Operator : jeniferw
Sample : FC23706-8MSD Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 08 15:31:20 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

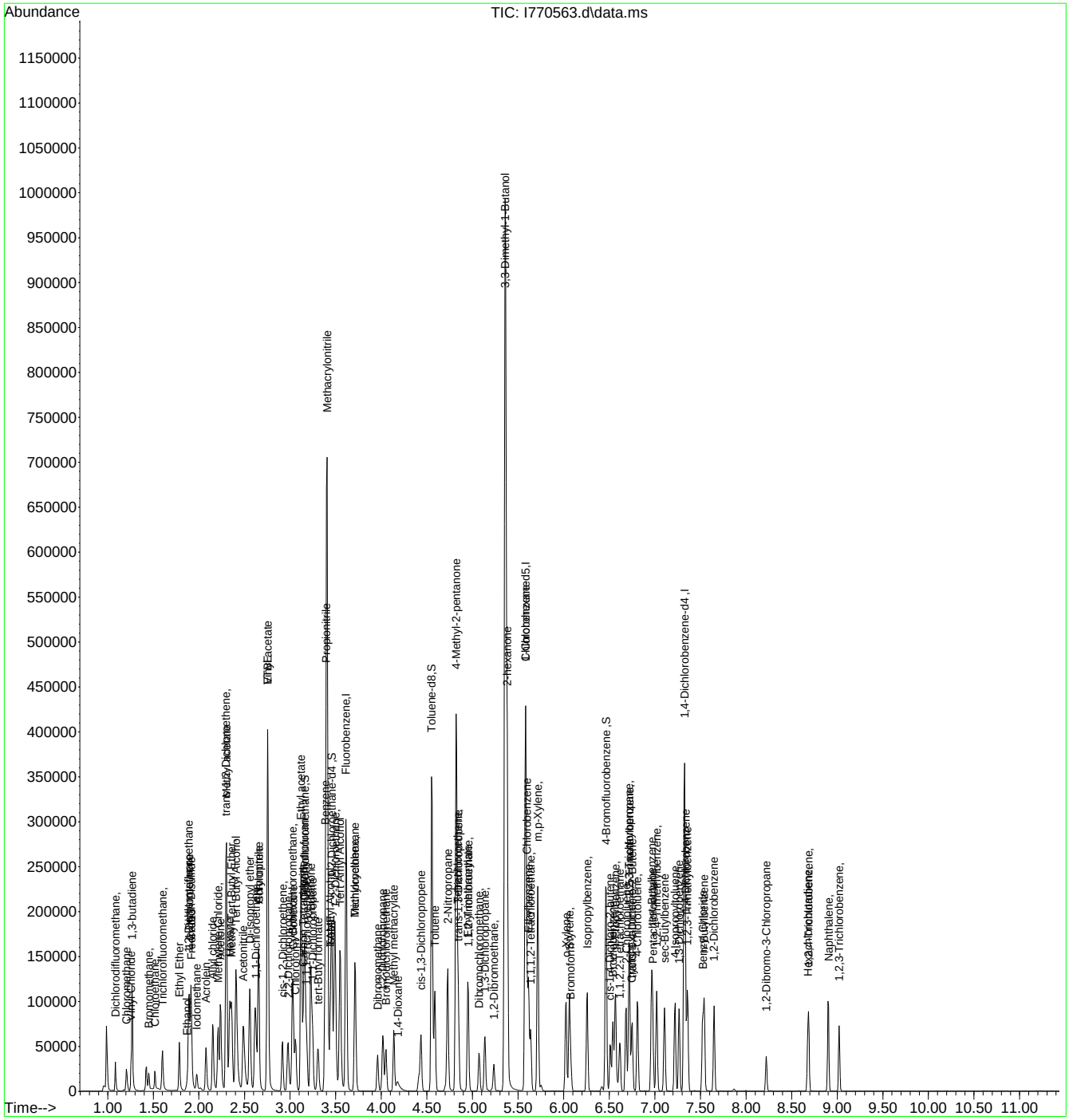
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
109) Hexachlorobutadiene	8.679	225	5118	20.7681 ug/L	90
110) 1,2,4-Trichlorobenzene	8.685	180	12951	21.4476 ug/L	97
111) Naphthalene	8.905	128	47621	21.6197 ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	12612	22.5417 ug/L	95

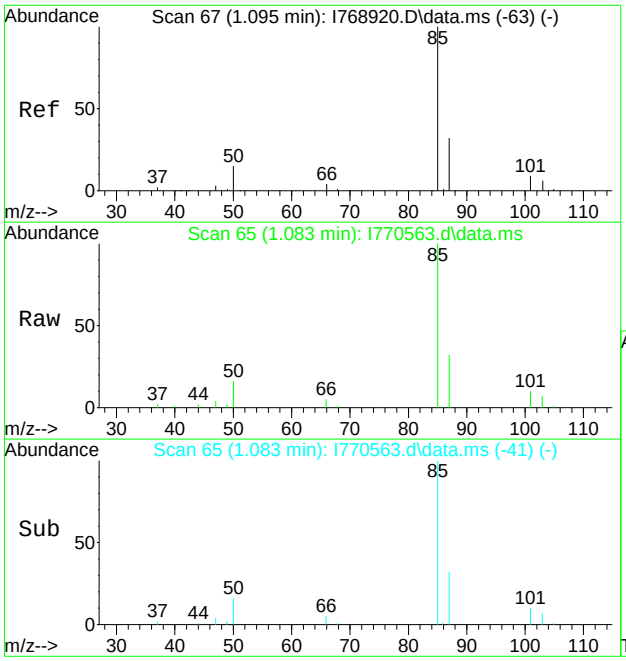
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770563.d
Acq On : 8 Apr 2025 3:51 pm
Operator : jeniferw
Sample : FC23706-8MSD Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 08 15:31:20 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

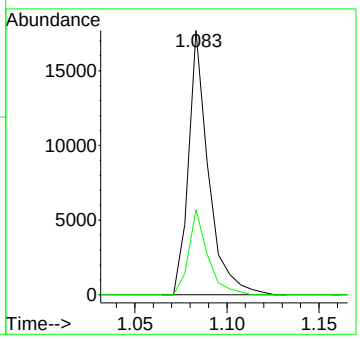


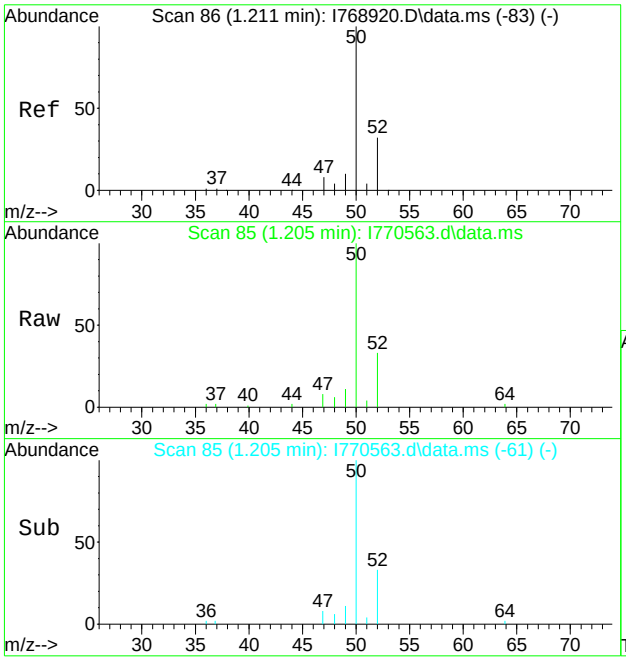


#2
Dichlorodifluoromethane
Concen: 19.3498 ug/L
RT: 1.083 min Scan# 65
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 85 Resp: 13359

Ion	Ratio	Lower	Upper
85	100		
87	32.2	3.4	63.4

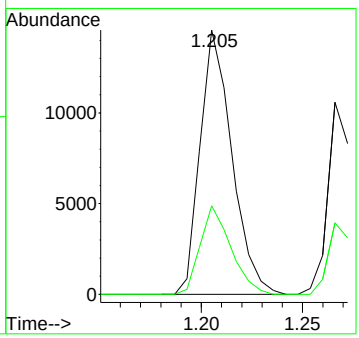


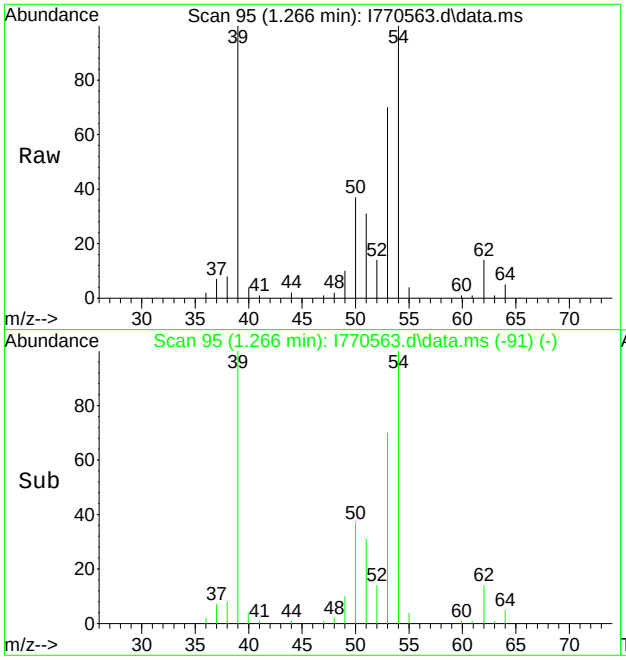


#3
Chloromethane
Concen: 17.7111 ug/L
RT: 1.205 min Scan# 85
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 50 Resp: 15929

Ion	Ratio	Lower	Upper
50	100		
52	33.5	1.8	61.8

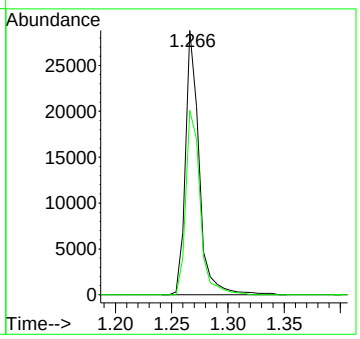


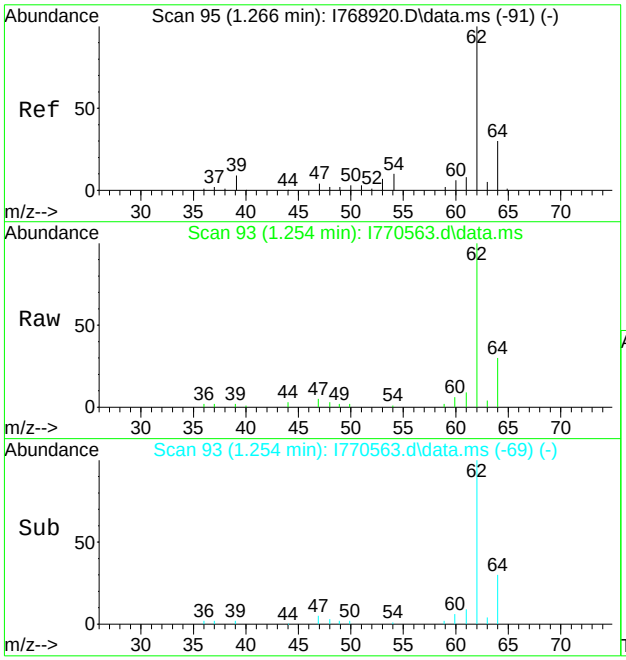


#4
1,3-butadiene
Concen: 28.3849 ug/L
RT: 1.266 min Scan# 95
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 39 Resp: 24378

Ion	Ratio	Lower	Upper
39	100		
53	69.8	52.1	92.1

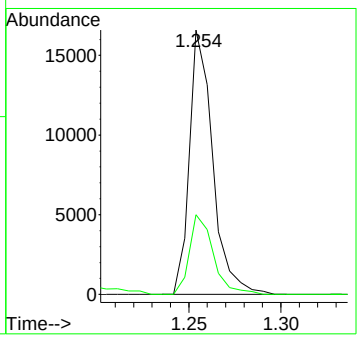


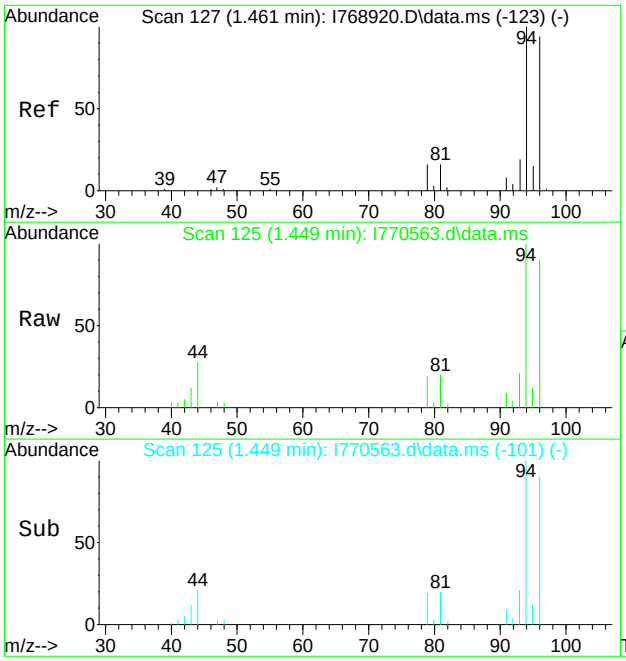


#5
Vinyl Chloride
Concen: 19.7285 ug/L
RT: 1.254 min Scan# 93
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 62 Resp: 14608

Ion	Ratio	Lower	Upper
62	100		
64	30.1	1.6	61.6

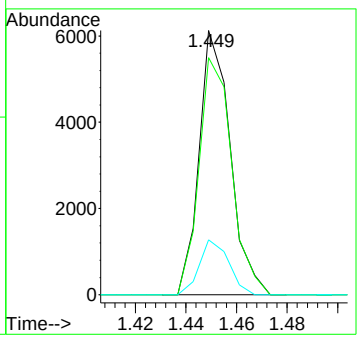


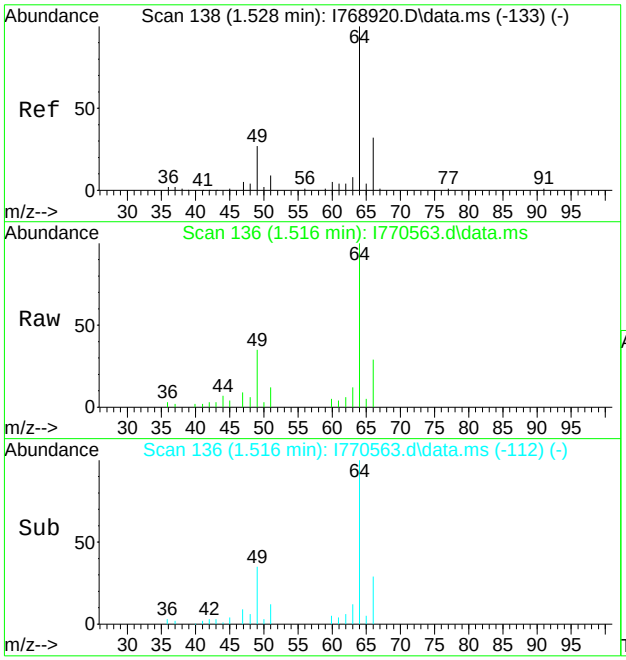


#6
Bromomethane
Concen: 14.4143 ug/L
RT: 1.449 min Scan# 125
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 94 Resp: 5235

Ion	Ratio	Lower	Upper
94	100		
96	89.6	64.0	124.0
93	20.8	0.0	51.3

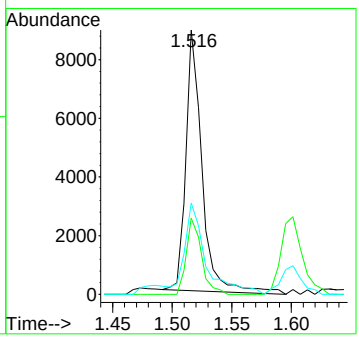


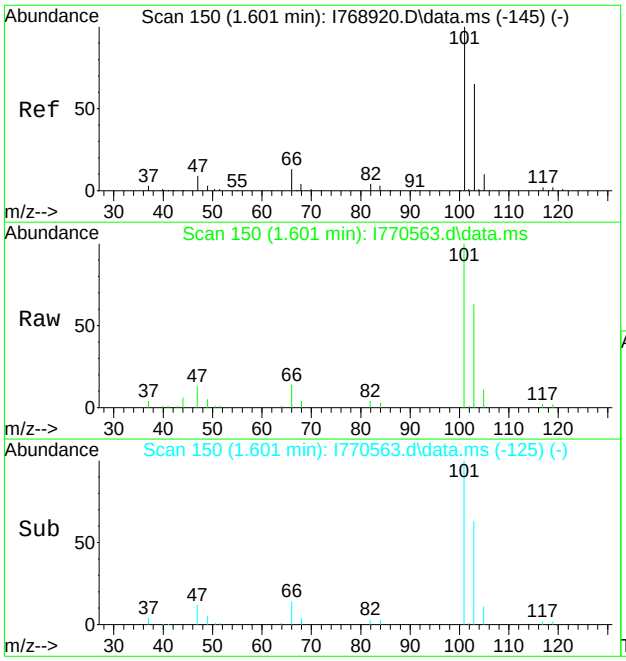


#7
Chloroethane
Concen: 24.0455 ug/L
RT: 1.516 min Scan# 136
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 64 Resp: 8417

Ion	Ratio	Lower	Upper
64	100		
66	28.9	1.7	61.7
49	31.6	0.0	58.5

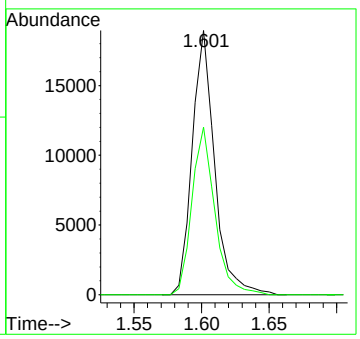


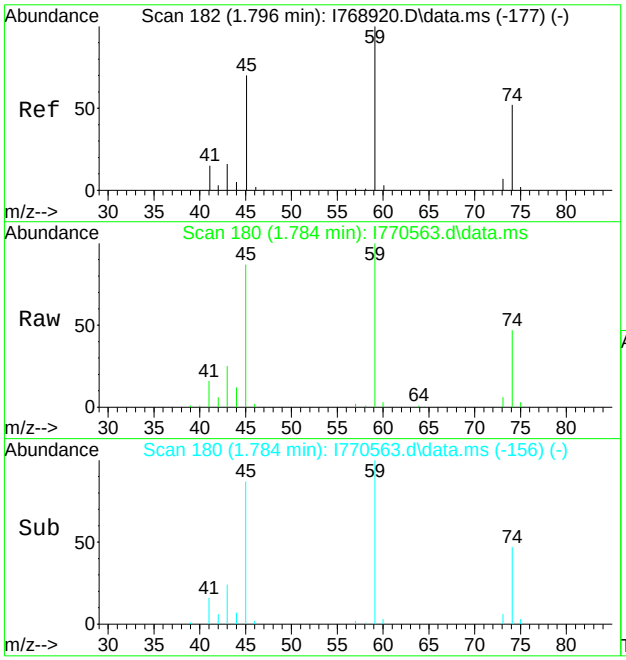


#8
Trichlorofluoromethane
Concen: 21.2854 ug/L
RT: 1.601 min Scan# 150
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:101 Resp: 21962

Ion	Ratio	Lower	Upper
101	100		
103	63.4	36.2	96.2

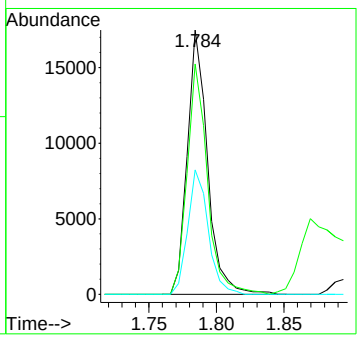


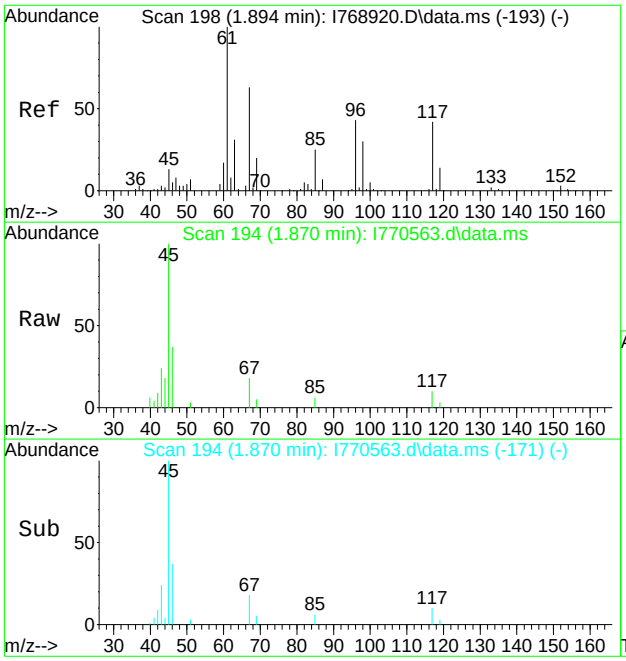


#9
Ethyl Ether
Concen: 21.6397 ug/L
RT: 1.784 min Scan# 180
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 59 Resp: 18217

Ion	Ratio	Lower	Upper
59	100		
45	87.2	54.5	94.5
74	47.1	45.8	85.8

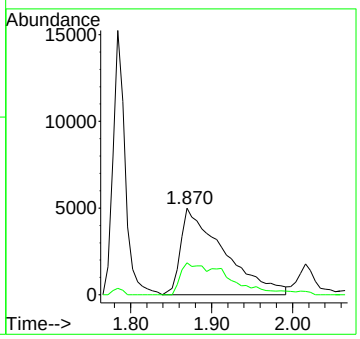


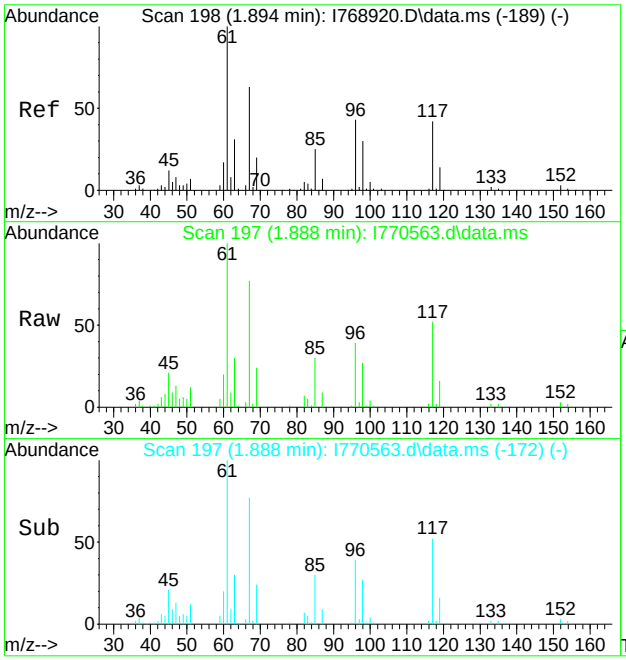


#10
Ethanol
Concen: 517.6500 ug/L
RT: 1.870 min Scan# 194
Delta R.T. -0.012 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 45 Resp: 18420

Ion	Ratio	Lower	Upper
45	100		
46	36.8	15.0	55.0

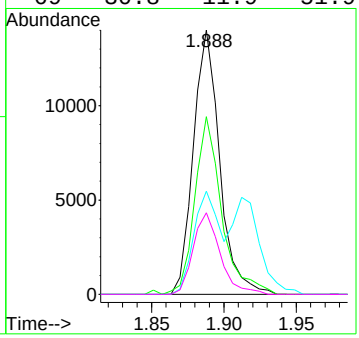


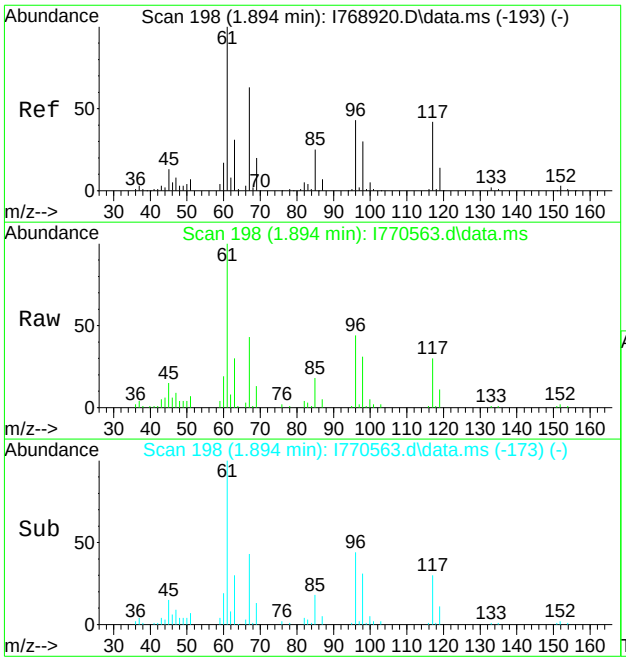


#11
1,2-Dichlorotrifluoroethane
Concen: 22.6897 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 67 Resp: 17726

Ion	Ratio	Lower	Upper
67	100		
117	67.2	44.4	84.4
85	39.1	19.8	59.8
69	30.8	11.9	51.9

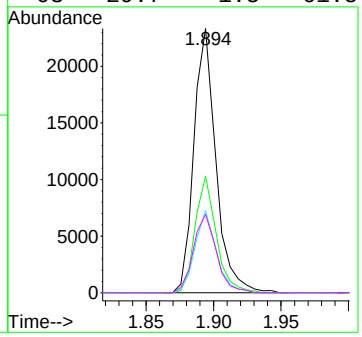


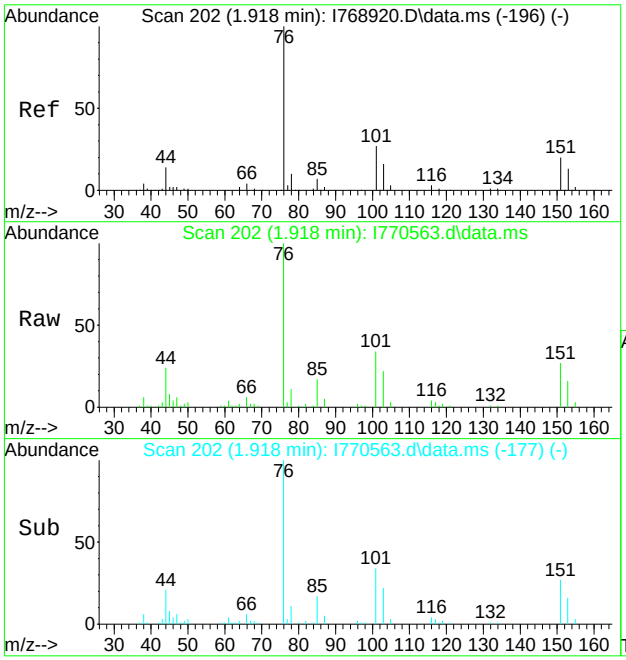


#12
1,1-Dichloroethene
Concen: 20.1000 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 61 Resp: 26563

Ion	Ratio	Lower	Upper
61	100		
96	44.1	20.8	80.8
98	31.1	2.4	62.4
63	29.7	1.5	61.5

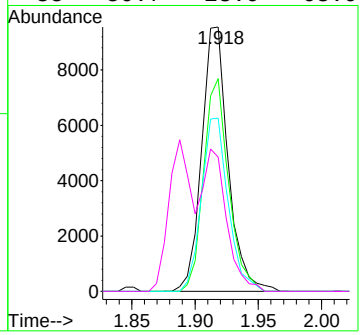


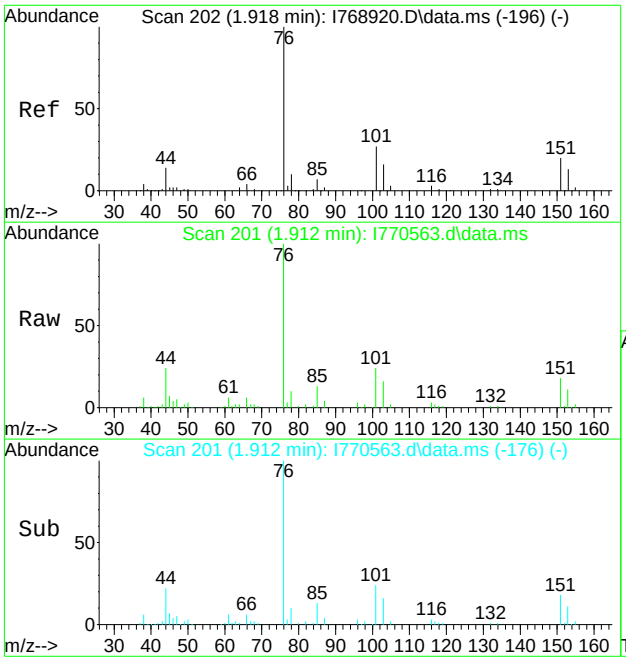


#13
Freon 113
Concen: 23.0730 ug/L
RT: 1.918 min Scan# 202
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:101 Resp: 13897

Ion	Ratio	Lower	Upper
101	100		
151	80.4	60.3	100.3
103	65.5	43.0	83.0
85	50.7	23.9	63.9

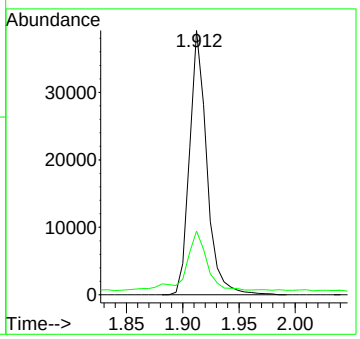


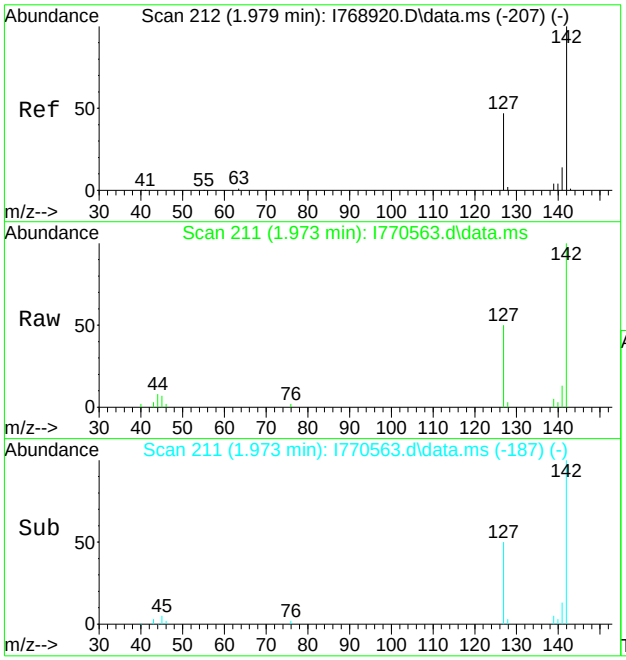


#14
Carbon Disulfide
Concen: 21.1314 ug/L
RT: 1.912 min Scan# 201
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 76 Resp: 41763

Ion	Ratio	Lower	Upper
76	100		
44	22.3	0.0	46.2

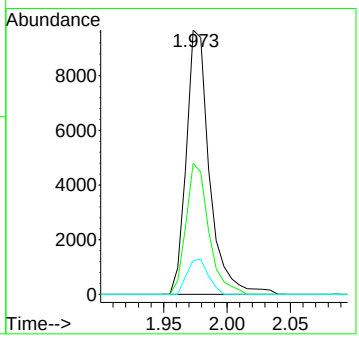


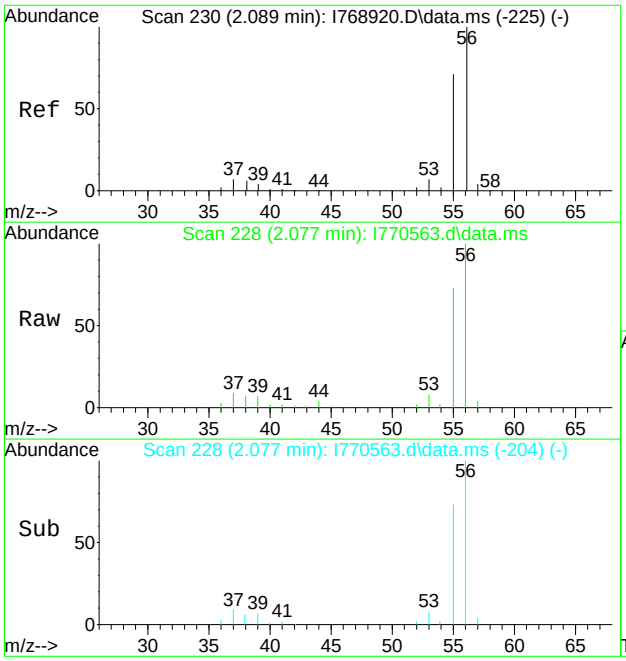


#15
Iodomethane
Concen: 20.1355 ug/L
RT: 1.973 min Scan# 211
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:142 Resp: 12347

Ion	Ratio	Lower	Upper
142	100		
127	49.7	23.5	63.5
141	12.9	0.0	34.0

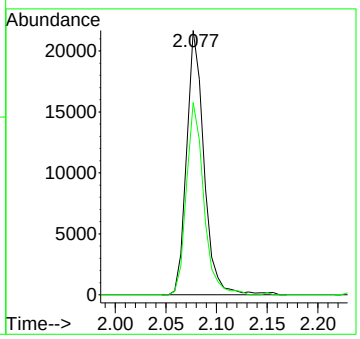


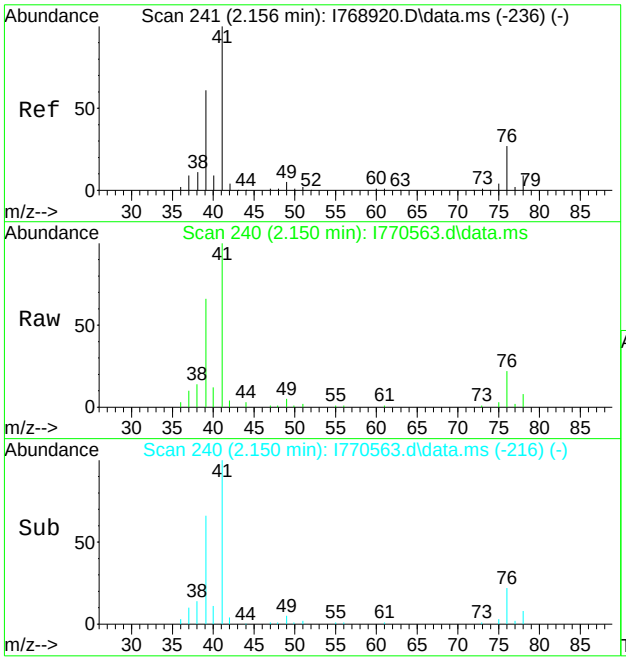


#16
Acrolein
Concen: 79.9942 ug/L
RT: 2.077 min Scan# 228
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 56 Resp: 25999

Ion	Ratio	Lower	Upper
56	100		
55	72.8	42.3	102.3

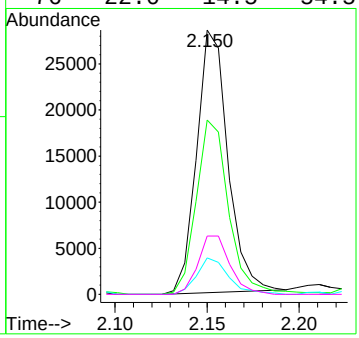


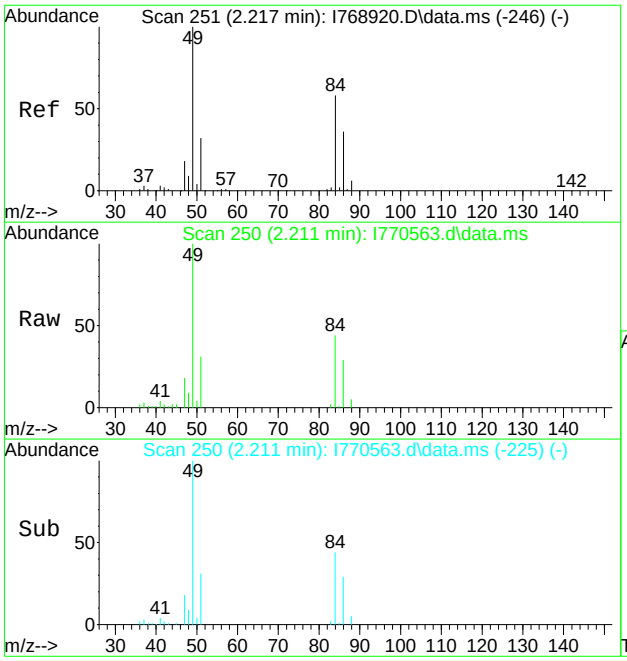


#17
Allyl chloride
Concen: 22.8527 ug/L
RT: 2.150 min Scan# 240
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 41 Resp: 33712

Ion	Ratio	Lower	Upper
41	100		
39	66.0	52.4	92.4
38	13.8	0.0	35.2
76	22.0	14.5	54.5

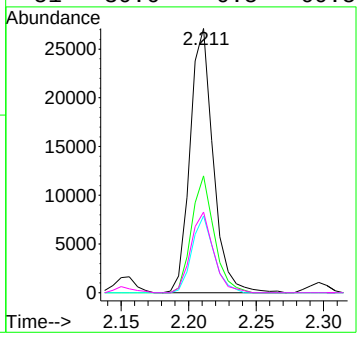


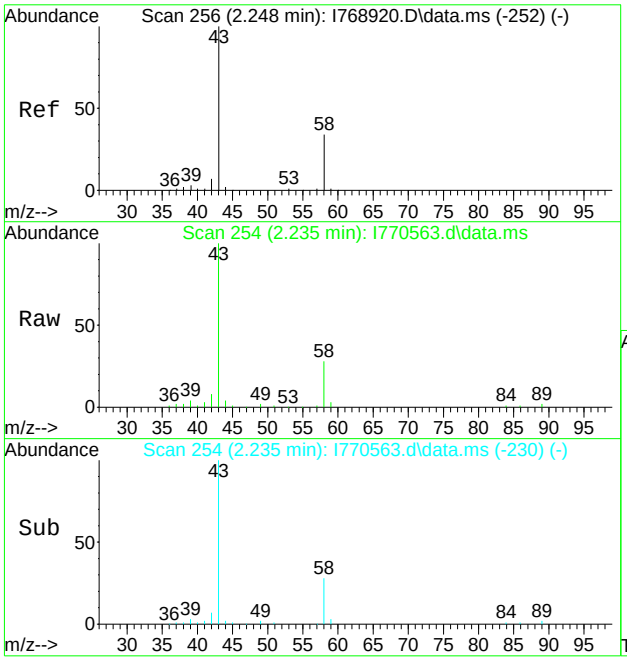


#18
Methylene Chloride
Concen: 21.7362 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 49 Resp: 32403

Ion	Ratio	Lower	Upper
49	100		
84	44.2	36.5	96.5
86	29.0	12.8	72.8
51	30.6	0.5	60.5

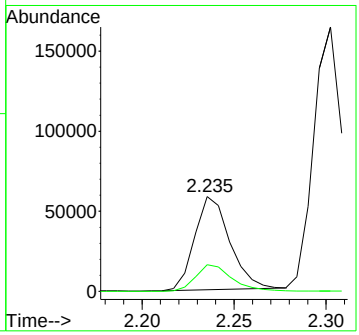


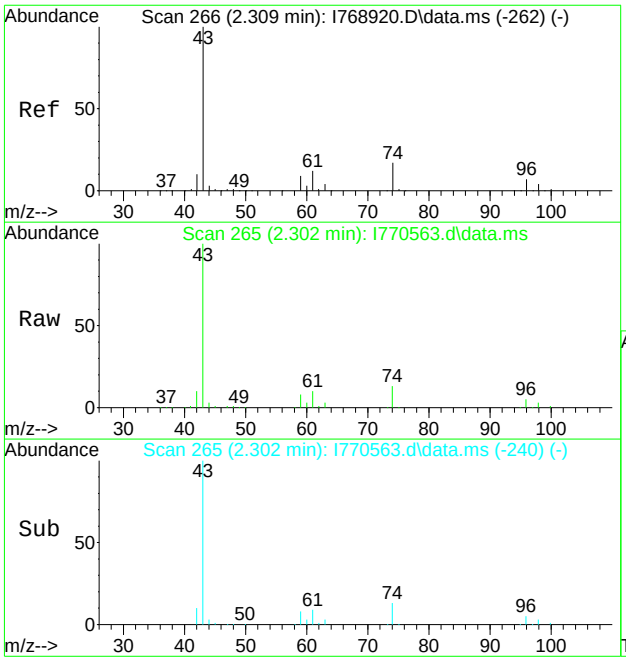


#19
Acetone
Concen: 110.8382 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 77562

Ion	Ratio	Lower	Upper
43	100		
58	28.3	0.0	60.0

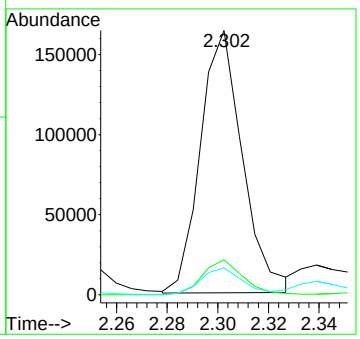


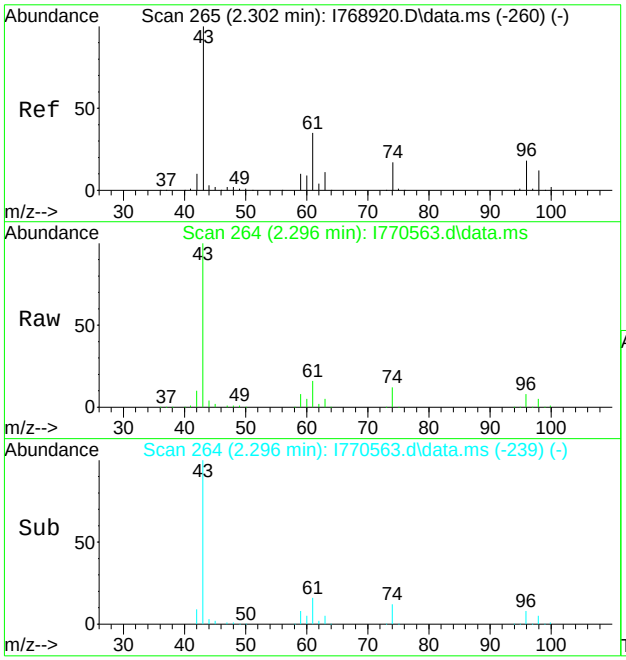


#20
Methyl acetate
Concen: 105.8999 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 189590

Ion	Ratio	Lower	Upper
43	100		
74	13.4	0.0	38.6
42	10.2	0.0	30.8

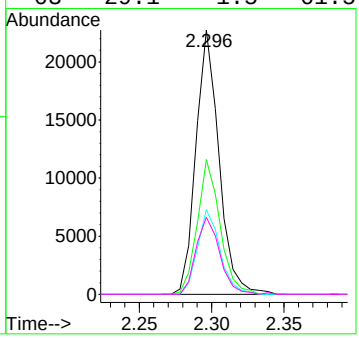


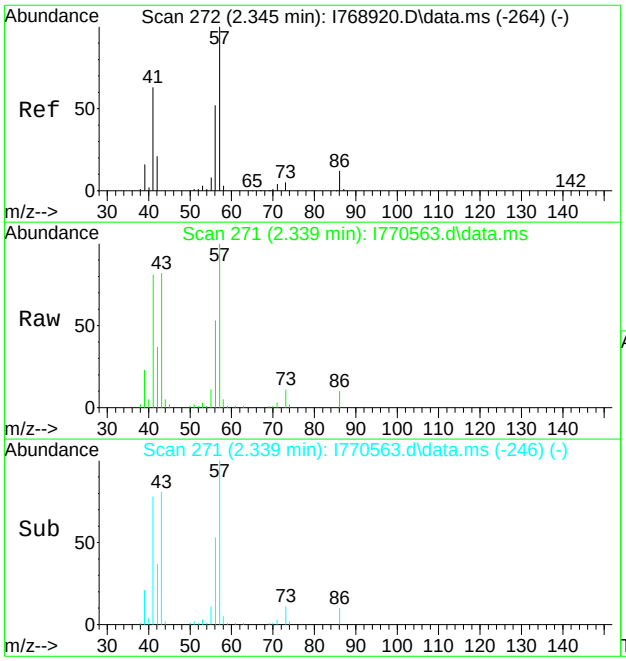


#21
trans-1,2-Dichloroethene
Concen: 20.6628 ug/L
RT: 2.296 min Scan# 264
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 61 Resp: 25264

Ion	Ratio	Lower	Upper
61	100		
96	51.0	28.4	88.4
98	32.0	5.8	65.8
63	29.1	1.5	61.5

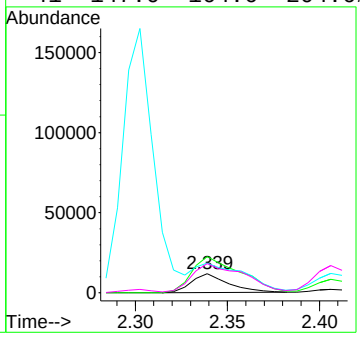


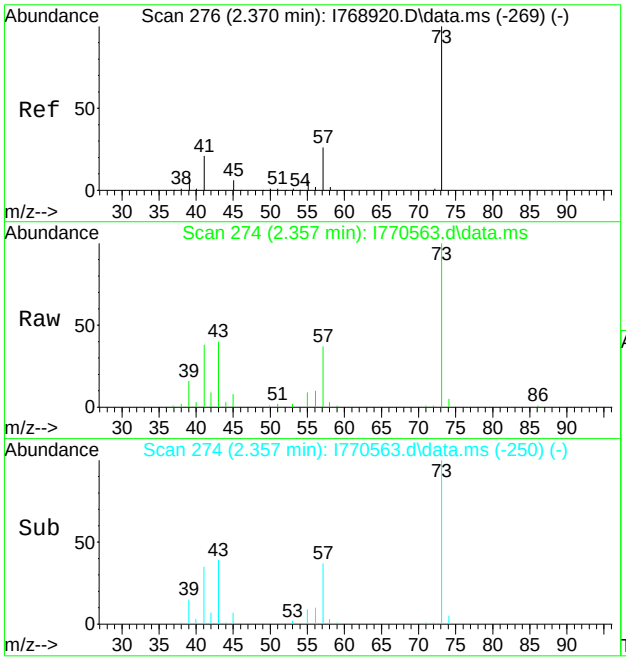


#22
Hexane
Concen: 21.2327 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 56 Resp: 16611

Ion	Ratio	Lower	Upper
56	100		
57	187.6	212.2	252.2#
43	140.4	148.9	188.9#
41	147.0	164.6	204.6#

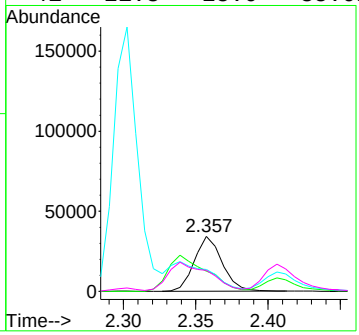


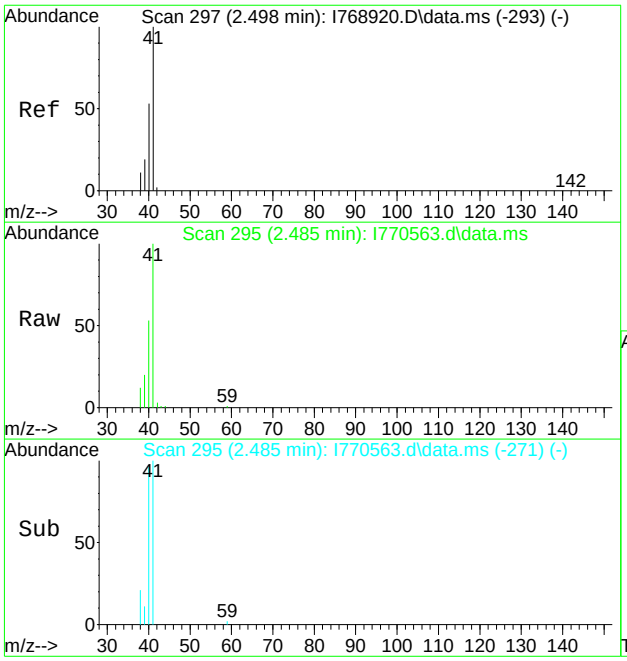


#23
Methyl Tert Butyl Ether
Concen: 21.7227 ug/L
RT: 2.357 min Scan# 274
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 73 Resp: 45842

Ion	Ratio	Lower	Upper
73	100		
57	18.2	34.2	94.2#
43	8.1	22.0	82.0#
41	21.8	25.0	85.0#

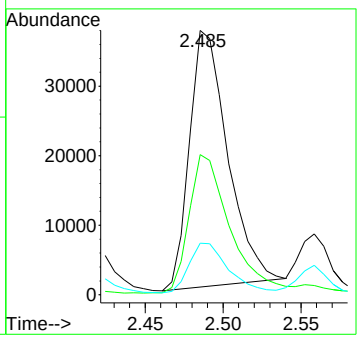


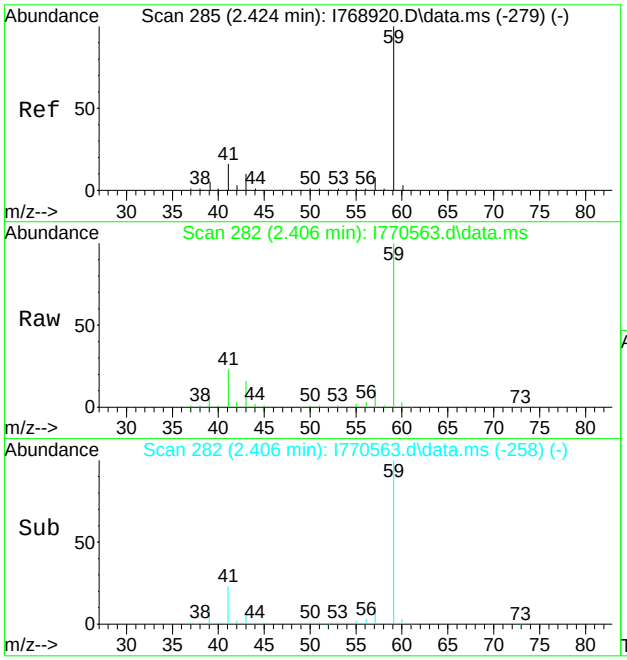


#24
Acetonitrile
Concen: 243.0866 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 41 Resp: 62999

Ion	Ratio	Lower	Upper
41	100		
40	53.0	35.0	75.0
39	19.1	0.0	40.0

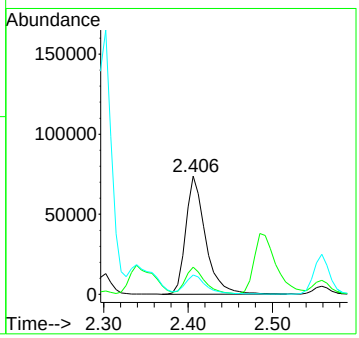


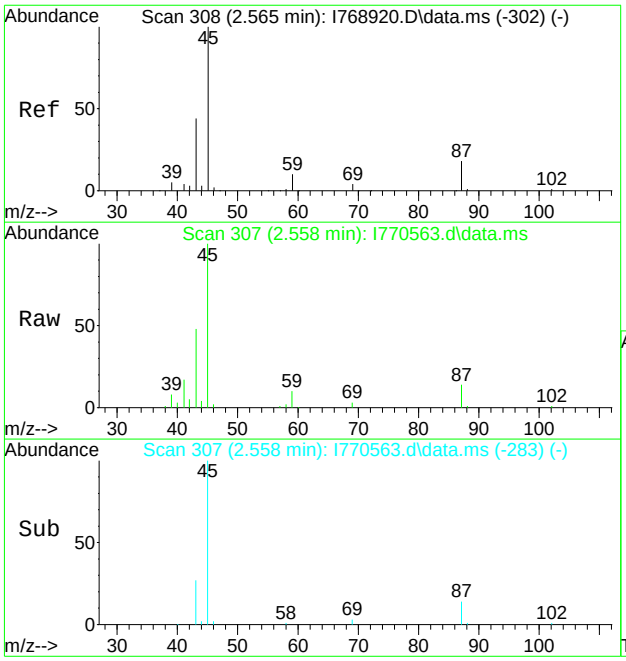


#25
Tert Butyl Alcohol
Concen: 276.0084 ug/L
RT: 2.406 min Scan# 282
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 59 Resp: 119784

Ion	Ratio	Lower	Upper
59	100		
41	15.9	8.6	48.6
43	16.1	5.3	45.3

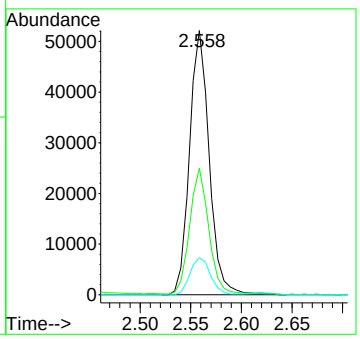


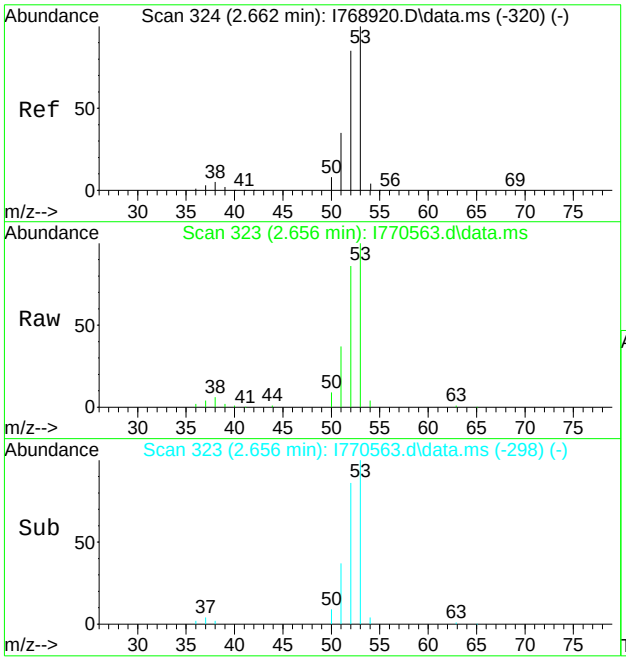


#26
Di-isopropyl ether
Concen: 22.5767 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 45 Resp: 70724

Ion	Ratio	Lower	Upper
45	100		
43	47.9	17.5	77.5
87	14.2	0.0	52.1

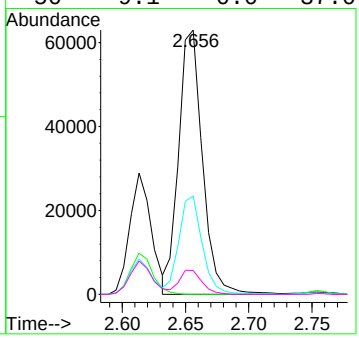


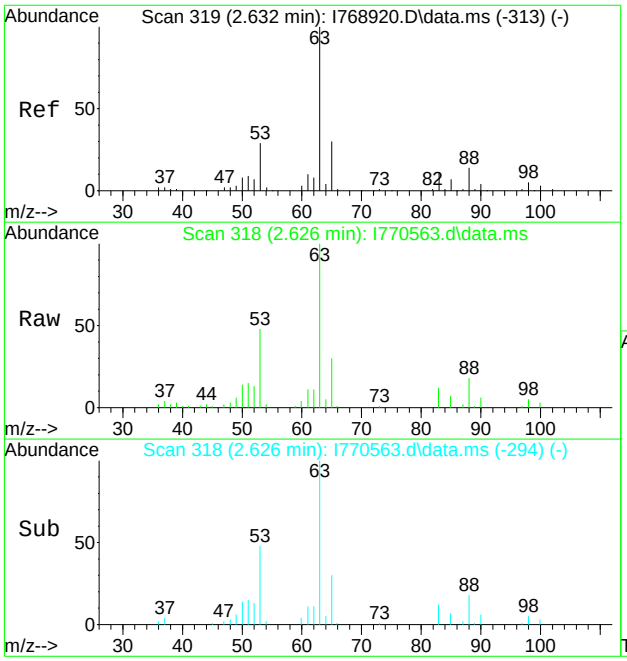


#27
Chloroprene
Concen: 22.5890 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 53 Resp: 82892

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	37.4	12.9	52.9
50	9.1	0.0	37.0

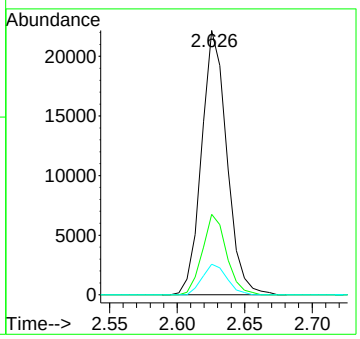


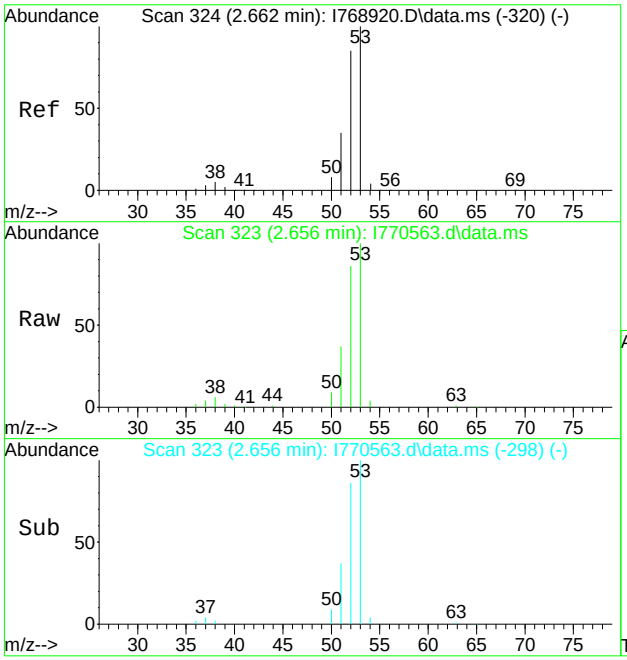


#28
1,1-Dichloroethane
Concen: 21.7987 ug/L
RT: 2.626 min Scan# 318
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 63 Resp: 28937

Ion	Ratio	Lower	Upper
63	100		
65	30.5	0.0	60.0
83	11.5	0.0	42.2

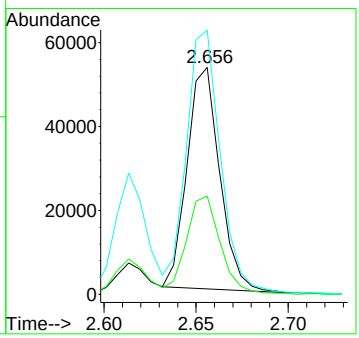


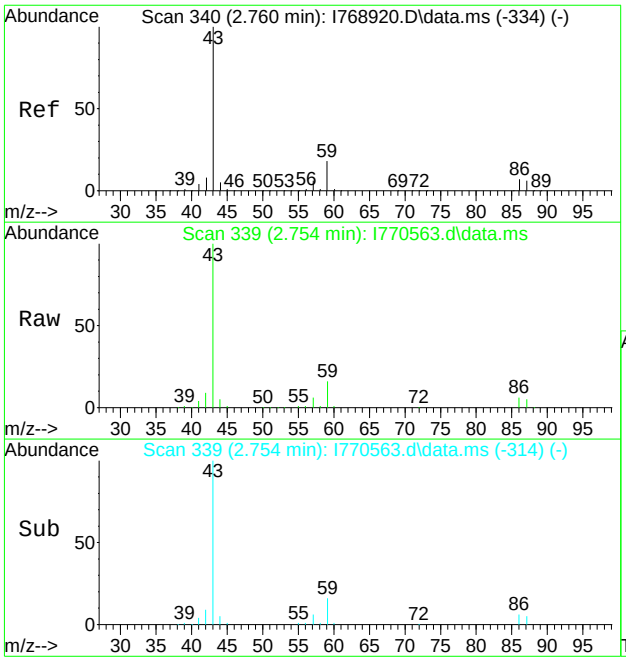


#29
Acrylonitrile
Concen: 109.3919 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 52 Resp: 64963

Ion	Ratio	Lower	Upper
52	100		
51	43.2	25.5	85.5
53	116.3	138.6	198.6#

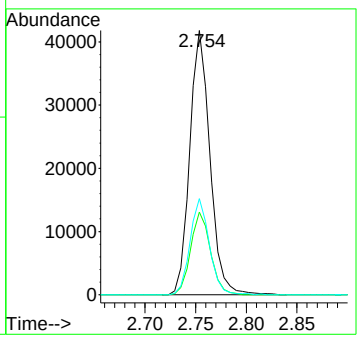


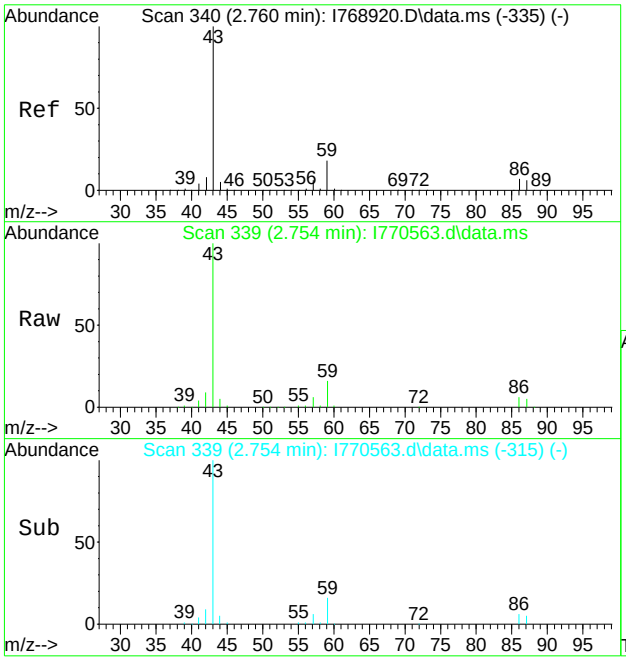


#30
ETBE
Concen: 21.8479 ug/L
RT: 2.754 min Scan# 339
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 59 Resp: 58115

Ion	Ratio	Lower	Upper
59	100		
87	31.3	17.3	57.3
57	36.3	11.2	51.2

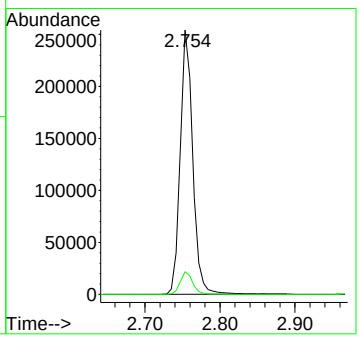


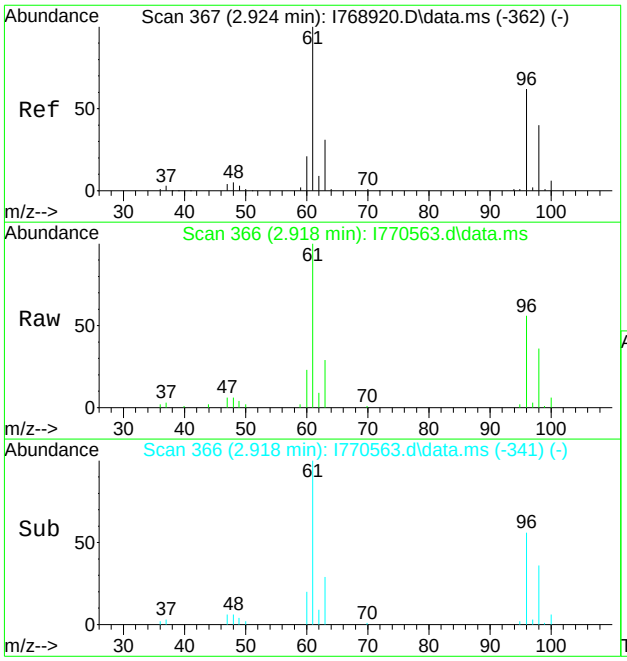


#31
Vinyl acetate
Concen: 107.6209 ug/L
RT: 2.754 min Scan# 339
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 294286

Ion	Ratio	Lower	Upper
43	100		
42	8.6	0.0	38.9

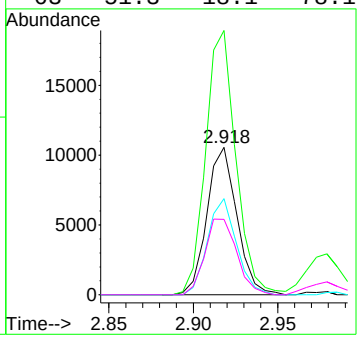


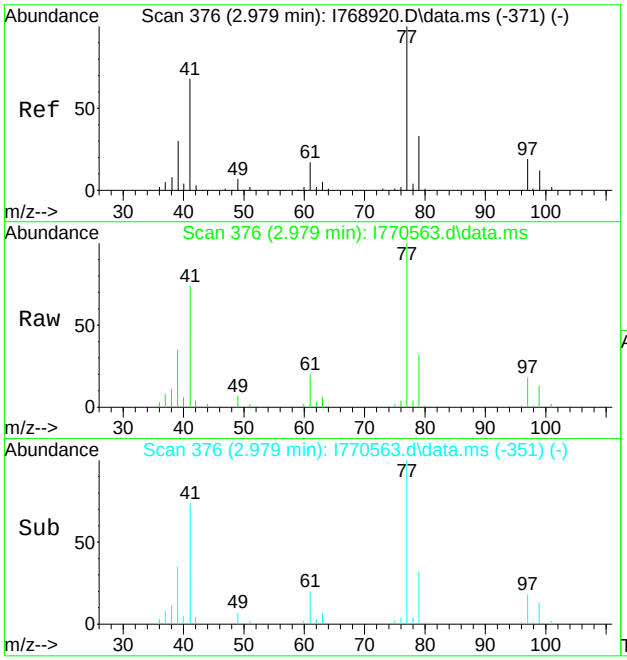


#32
cis-1,2-Dichloroethene
Concen: 22.2001 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 96 Resp: 13058

Ion	Ratio	Lower	Upper
96	100		
61	179.4	117.1	177.1#
98	65.3	34.9	94.9
63	51.3	18.1	78.1

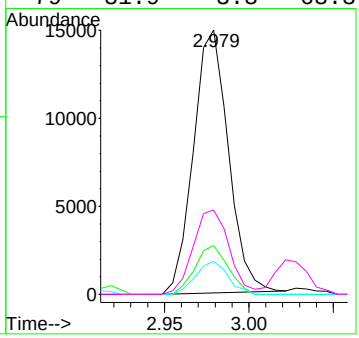


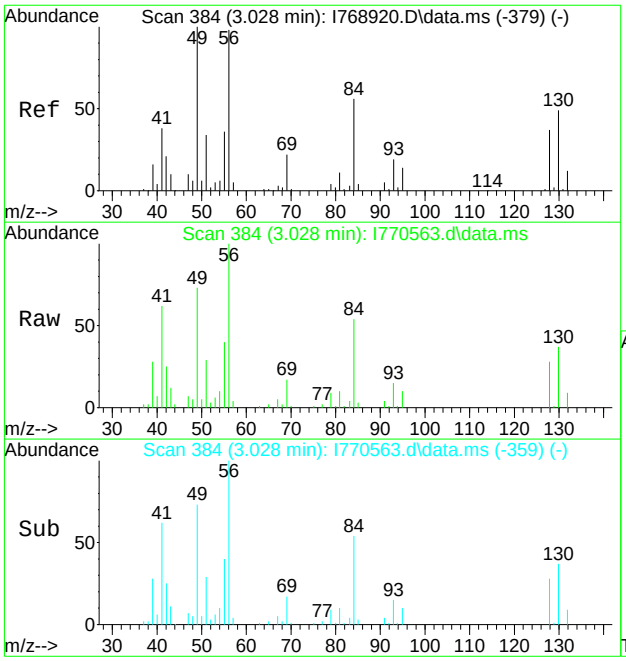


#33
2,2-Dichloropropane
Concen: 22.0416 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 77 Resp: 21600

Ion	Ratio	Lower	Upper
77	100		
97	18.5	0.0	50.9
99	12.5	0.0	43.6
79	31.9	3.3	63.3

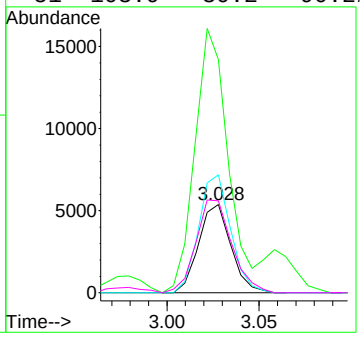


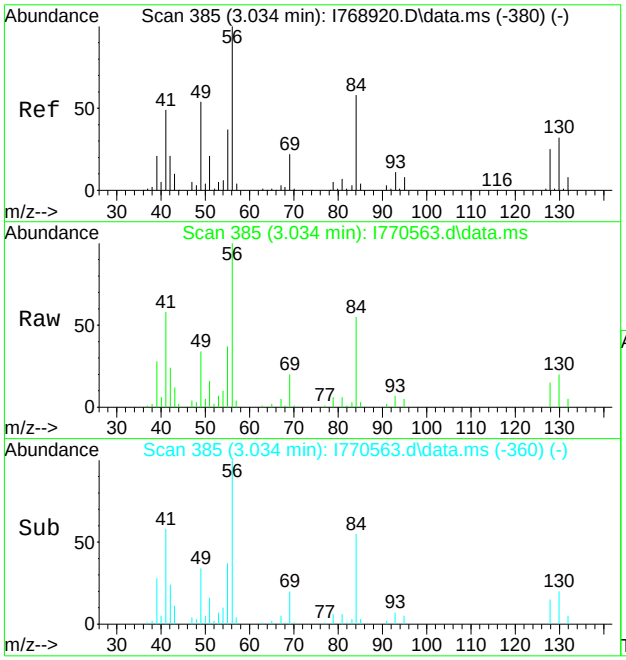


#34
Bromochloromethane
Concen: 22.2792 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:128 Resp: 6579

Ion	Ratio	Lower	Upper
128	100		
49	263.5	157.0	217.0#
130	133.4	94.7	154.7
51	103.9	30.2	90.2#

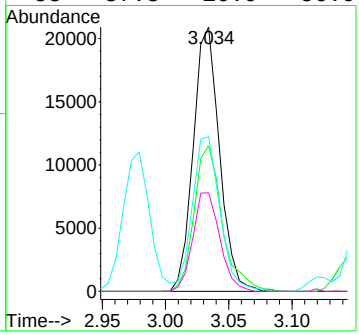


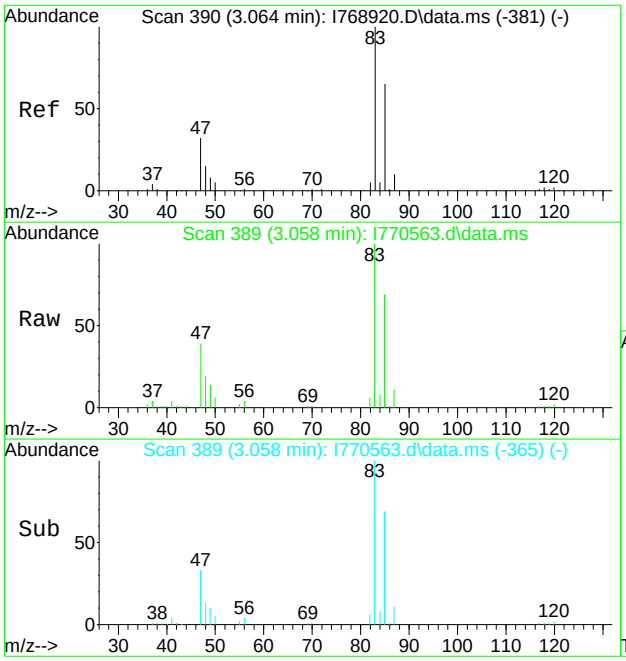


#35
Cyclohexane
Concen: 22.2971 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 56 Resp: 30253

Ion	Ratio	Lower	Upper
56	100		
84	55.0	56.7	96.7#
41	58.5	37.5	77.5
55	37.3	16.9	56.9

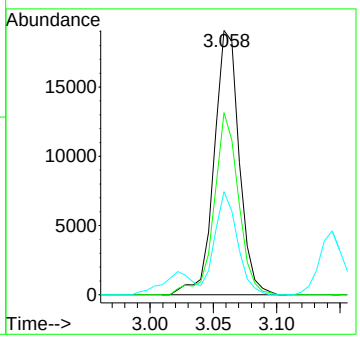


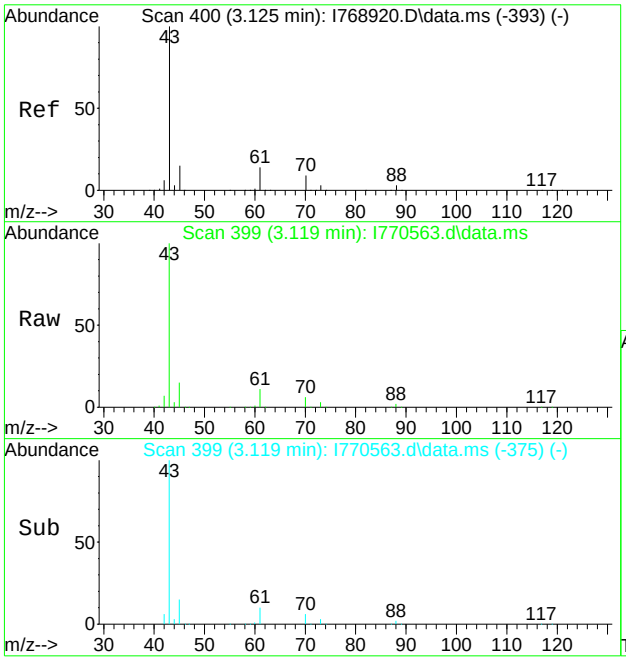


#36
Chloroform
Concen: 22.1157 ug/L
RT: 3.058 min Scan# 389
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 83 Resp: 26263

Ion	Ratio	Lower	Upper
83	100		
85	69.0	37.0	97.0
47	39.0	0.0	57.9

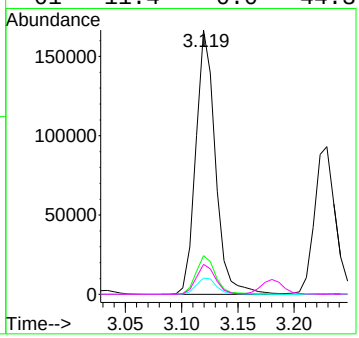


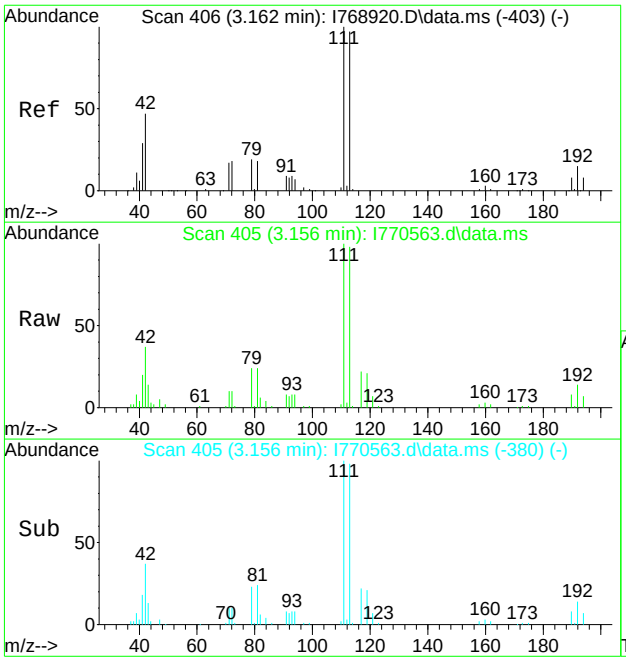


#37
Ethyl acetate
Concen: 102.3270 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 202516

Ion	Ratio	Lower	Upper
43	100		
45	14.6	0.0	44.8
70	6.2	0.0	40.6
61	11.4	0.0	44.3

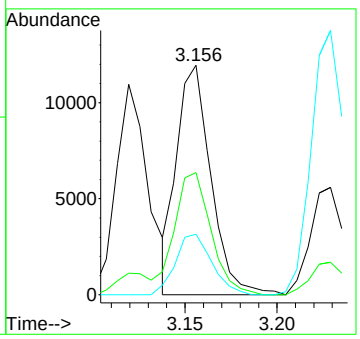


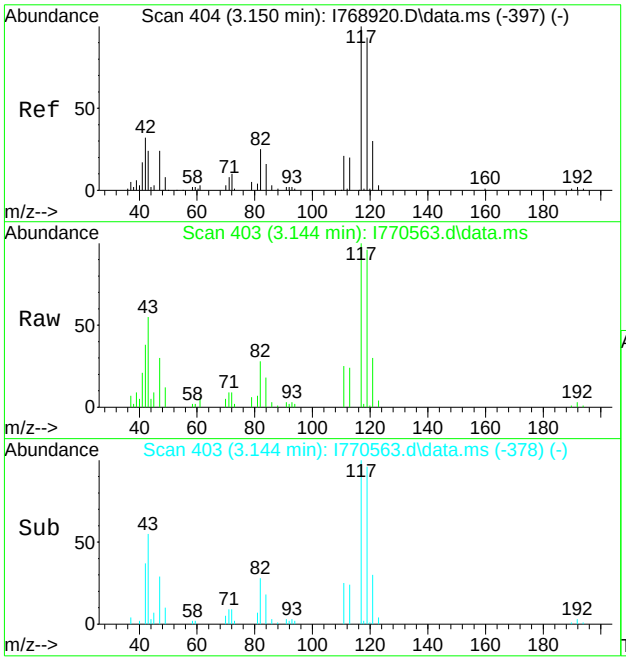


#38
Tetrahydrofuran
Concen: 19.3699 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 42 Resp: 15470

Ion	Ratio	Lower	Upper
42	100		
41	53.3	37.6	77.6
72	25.1	16.5	56.5

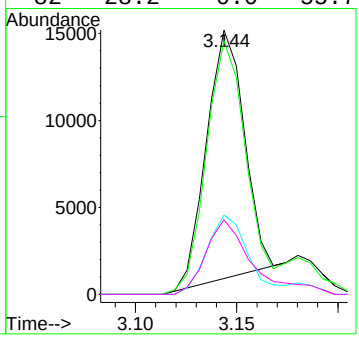


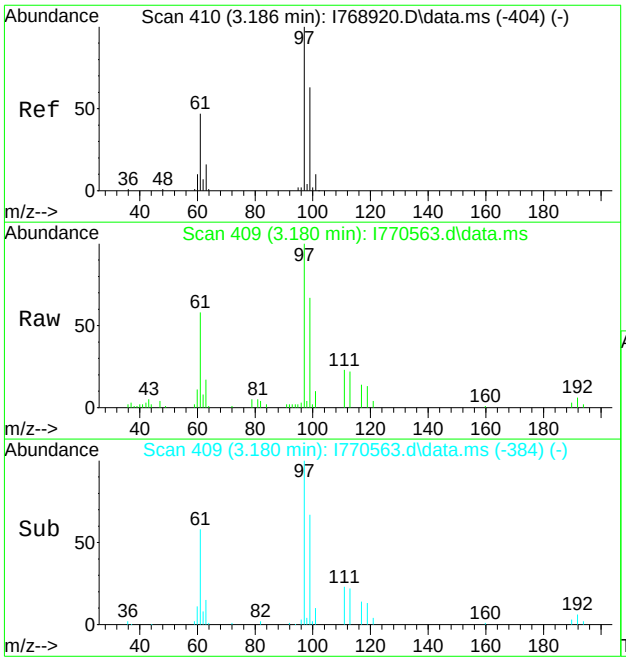


#40
Carbon Tetrachloride
Concen: 20.1084 ug/L
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:117 Resp: 18776

Ion	Ratio	Lower	Upper
117	100		
119	95.9	65.5	125.5
121	30.1	0.0	59.4
82	28.2	0.0	55.7

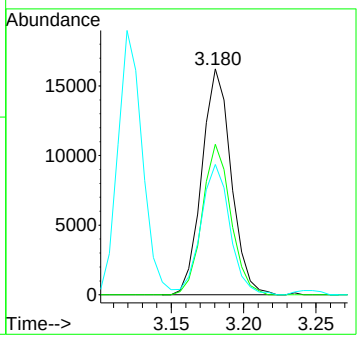


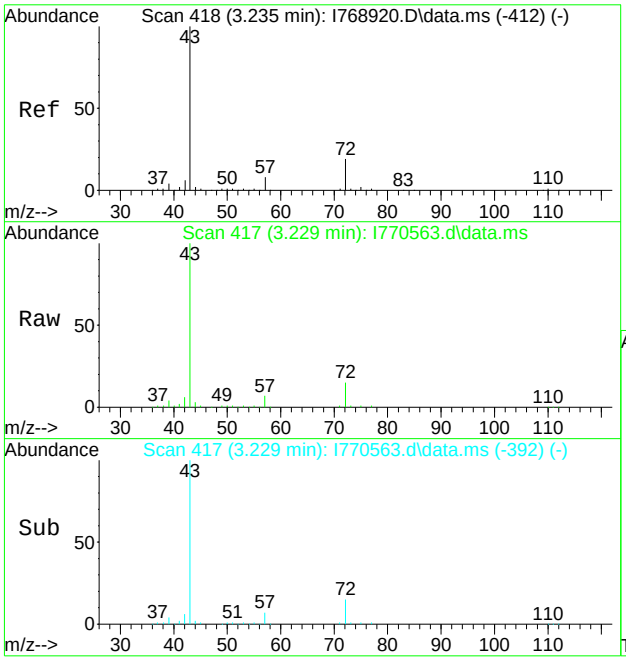


#41
1,1,1-Trichloroethane
Concen: 22.9401 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 97 Resp: 22927

Ion	Ratio	Lower	Upper
97	100		
99	66.6	32.6	92.6
61	57.6	21.2	81.2

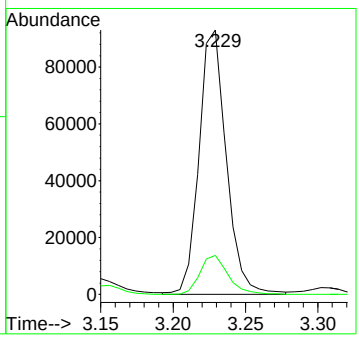


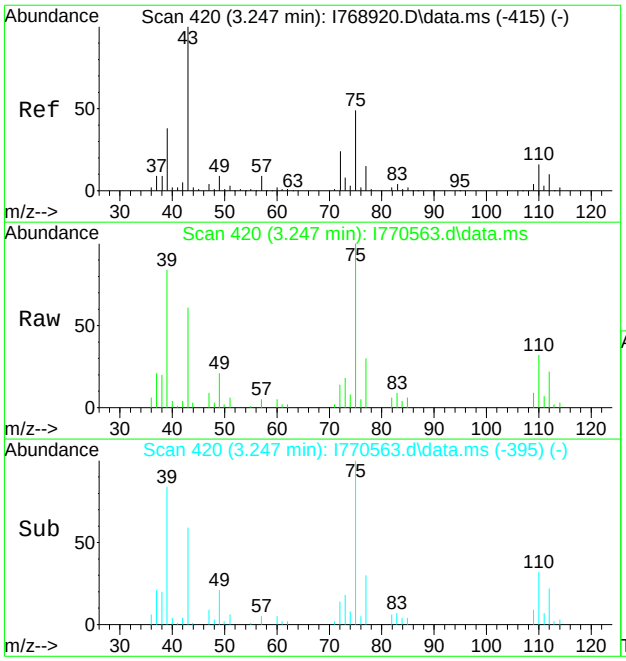


#42
2-Butanone
Concen: 103.0020 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 122215

Ion	Ratio	Lower	Upper
43	100		
72	14.9	0.0	51.3

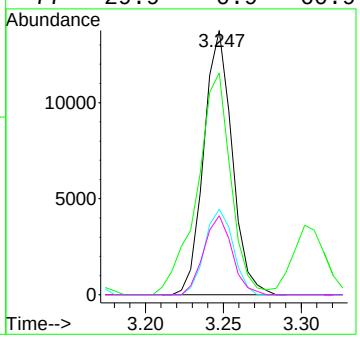


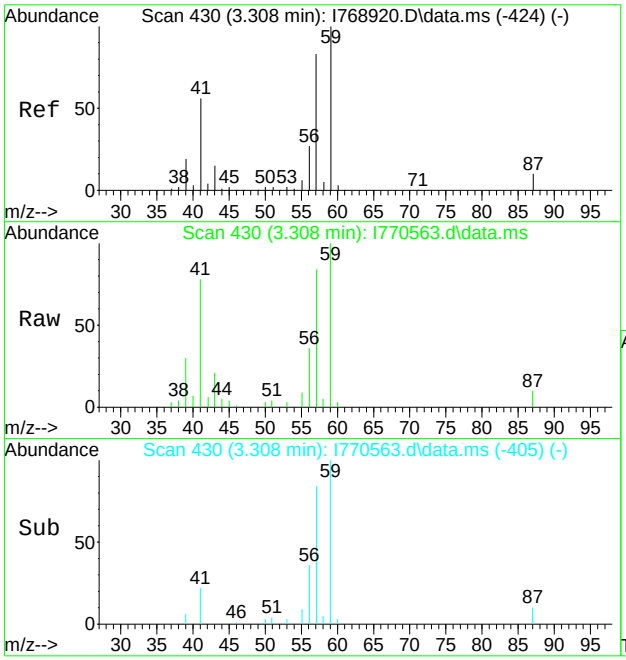


#43
1,1-Dichloropropene
Concen: 23.9403 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 75 Resp: 17320

Ion	Ratio	Lower	Upper
75	100		
39	81.0	36.7	96.7
110	32.4	4.9	64.9
77	29.9	0.9	60.9

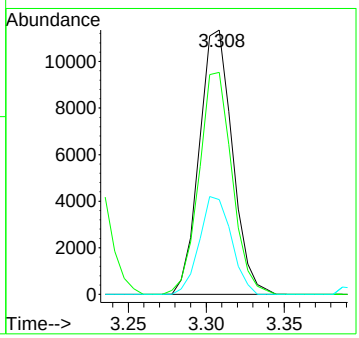


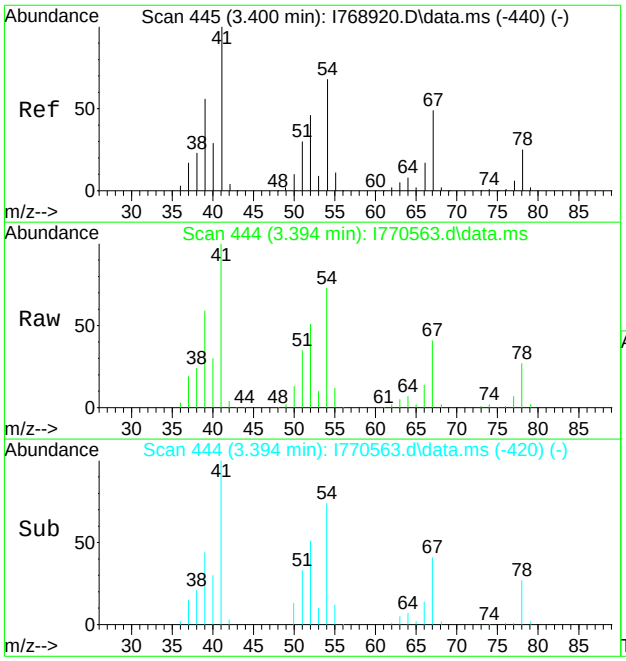


#44
tert-Butyl formate
Concen: 19.3980 ug/L
RT: 3.308 min Scan# 430
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 59 Resp: 16724

Ion	Ratio	Lower	Upper
59	100		
57	84.0	59.2	99.2
56	35.9	6.0	46.0

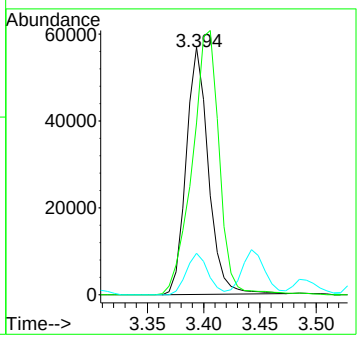


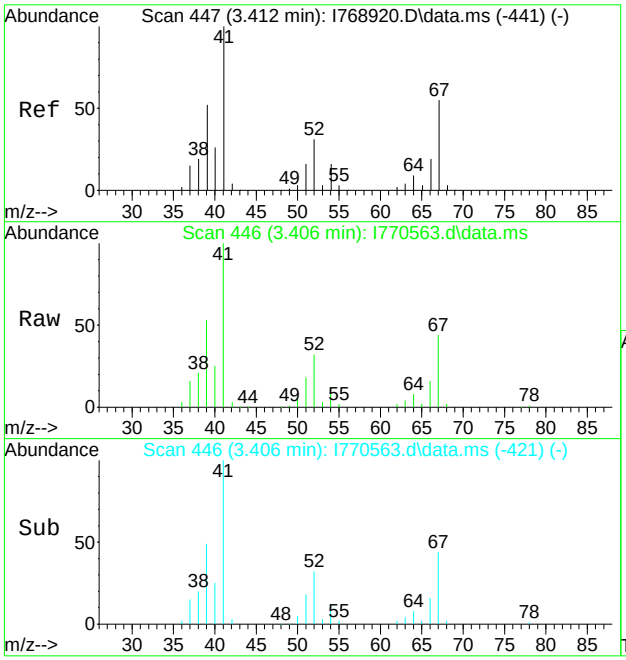


#45
Propionitrile
Concen: 249.7629 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 54 Resp: 78162

Ion	Ratio	Lower	Upper
54	100		
52	68.9	1.6	41.6#
55	16.8	0.0	34.8

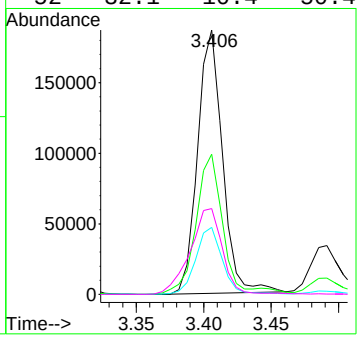


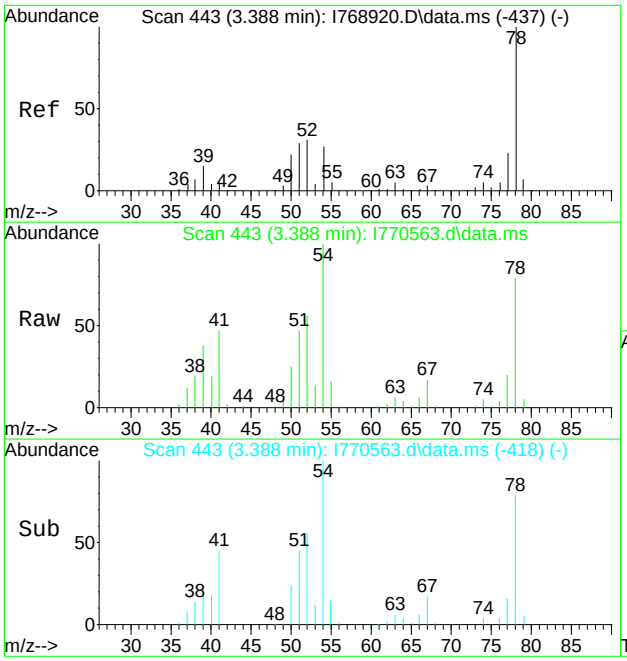


#46
Methacrylonitrile
Concen: 246.6739 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 41 Resp: 240018

Ion	Ratio	Lower	Upper
41	100		
39	52.5	36.3	76.3
40	25.3	5.3	45.3
52	32.1	10.4	50.4

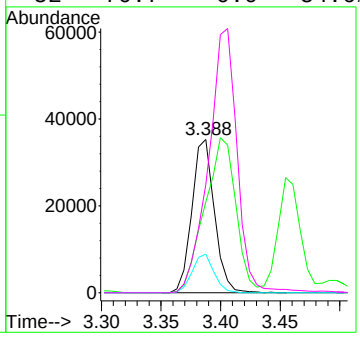


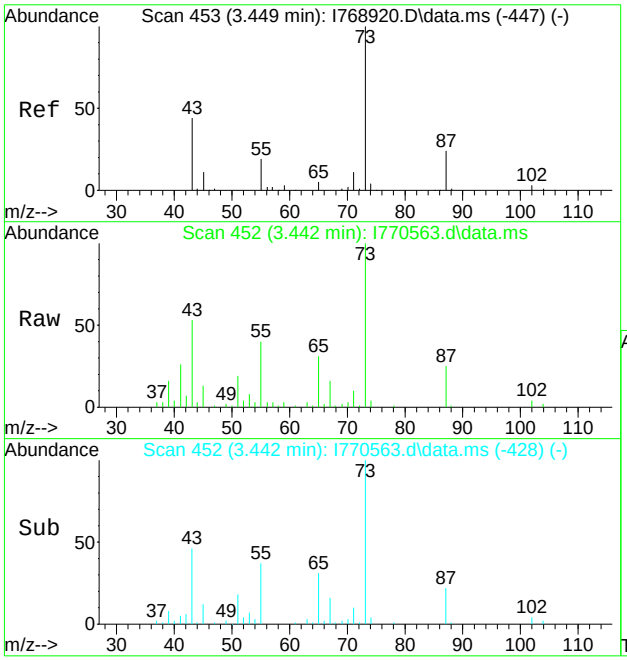


#47
Benzene
Concen: 20.4410 ug/L
RT: 3.388 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 78 Resp: 46307

Ion	Ratio	Lower	Upper
78	100		
51	59.2	0.0	51.7#
77	25.2	0.0	53.1
52	70.7	0.0	54.6#

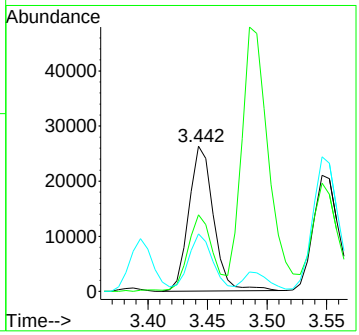


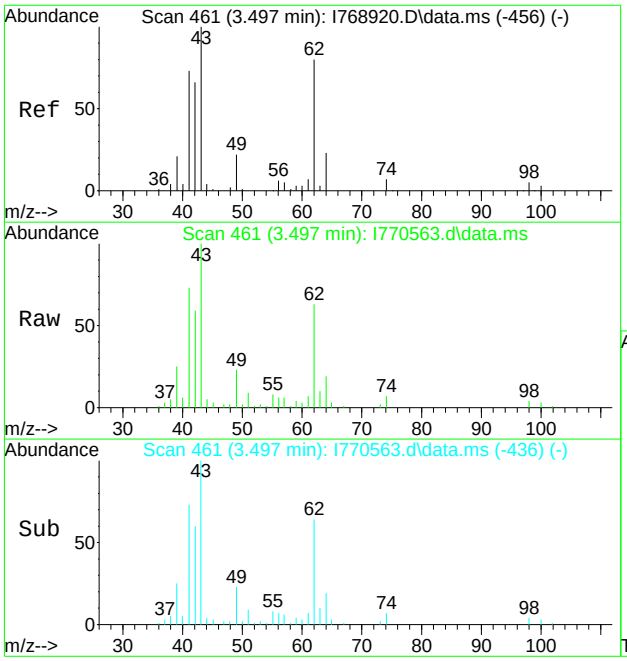


#48
TAME
Concen: 21.4130 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 73 Resp: 38071

Ion	Ratio	Lower	Upper
73	100		
43	51.9	52.3	92.3#
55	37.9	8.3	48.3

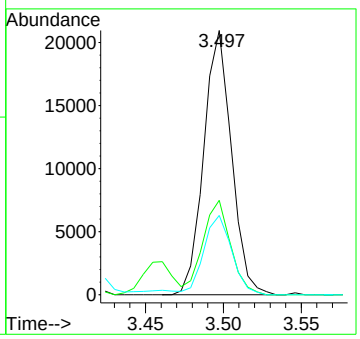


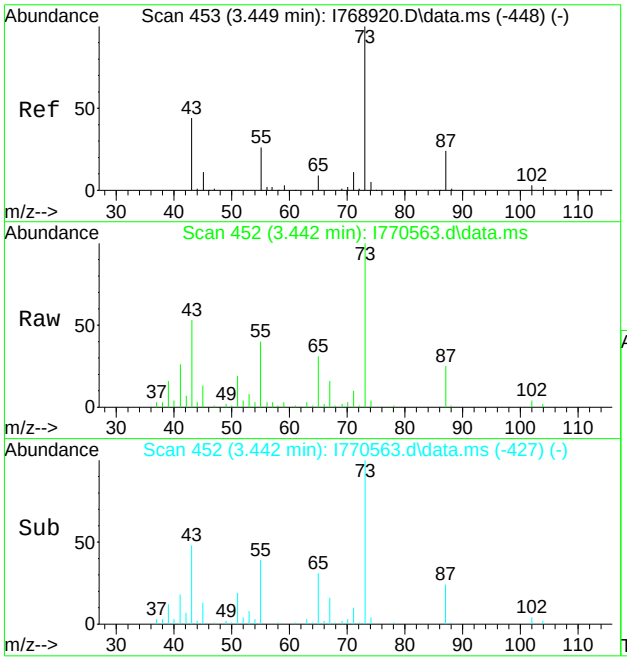


#50
1,2-Dichloroethane
Concen: 22.1698 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 62 Resp: 25879

Ion	Ratio	Lower	Upper
62	100		
49	35.8	0.0	59.2
64	30.0	1.9	61.9

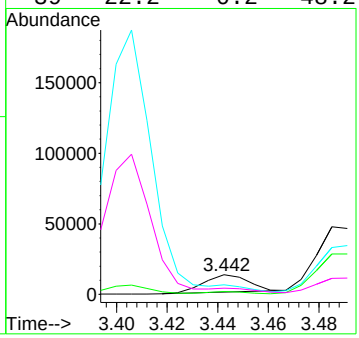


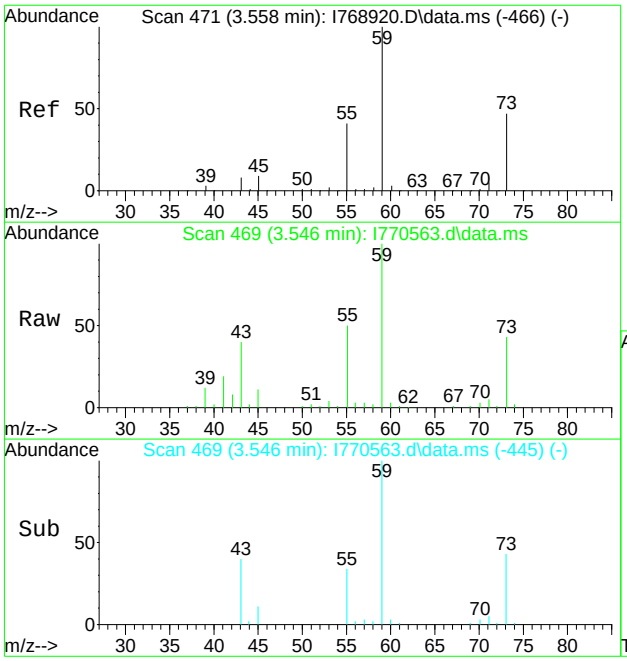


#51
Isobutyl Alcohol
Concen: 389.8220 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 15526

Ion	Ratio	Lower	Upper
43	100		
42	5.2	0.0	92.6
41	31.8	0.0	121.9
39	22.2	0.2	48.2

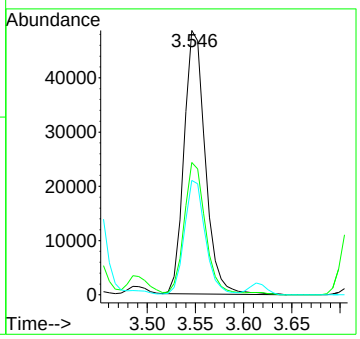


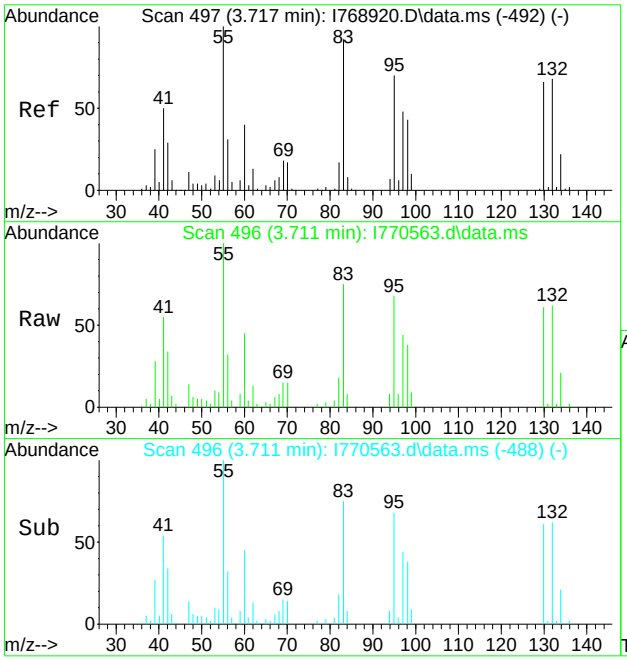


#52
Tert Amyl Alcohol
Concen: 226.4529 ug/L
RT: 3.546 min Scan# 469
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 59 Resp: 74535

Ion	Ratio	Lower	Upper
59	100		
55	50.0	13.4	73.4
73	43.3	26.6	86.6

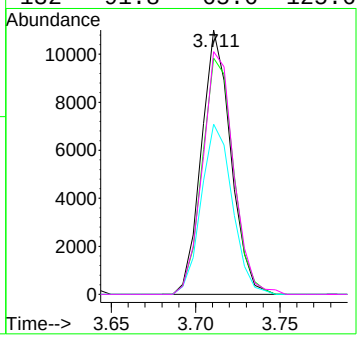


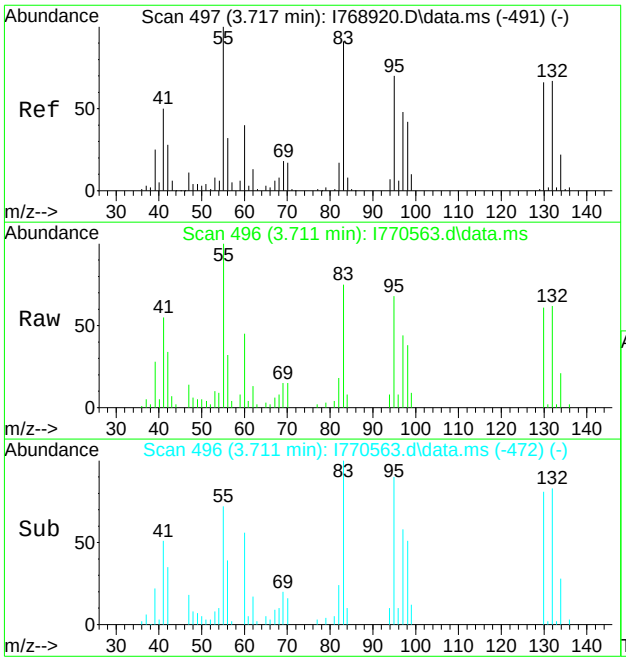


#53
Trichloroethene
Concen: 21.0686 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 95 Resp: 13373

Ion	Ratio	Lower	Upper
95	100		
130	89.4	64.6	124.6
97	64.3	34.7	94.7
132	91.8	65.6	125.6

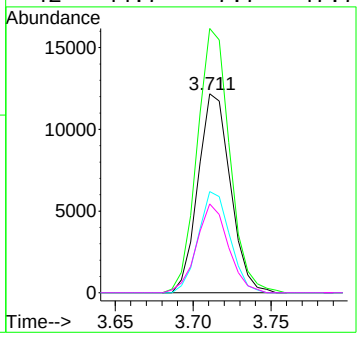


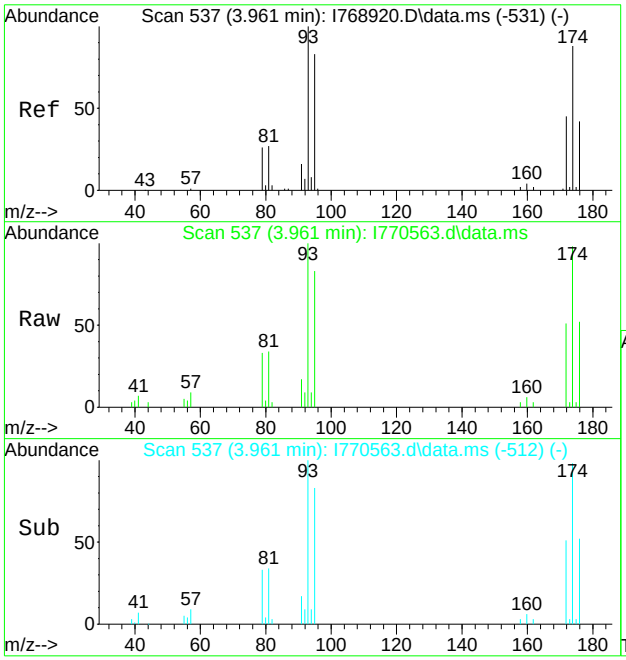


#54
Methylcyclohexane
Concen: 22.1460 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 83 Resp: 17565

Ion	Ratio	Lower	Upper
83	100		
55	132.9	70.4	110.4#
98	50.9	25.0	65.0
42	44.7	7.7	47.7

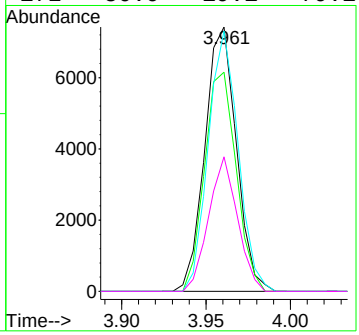


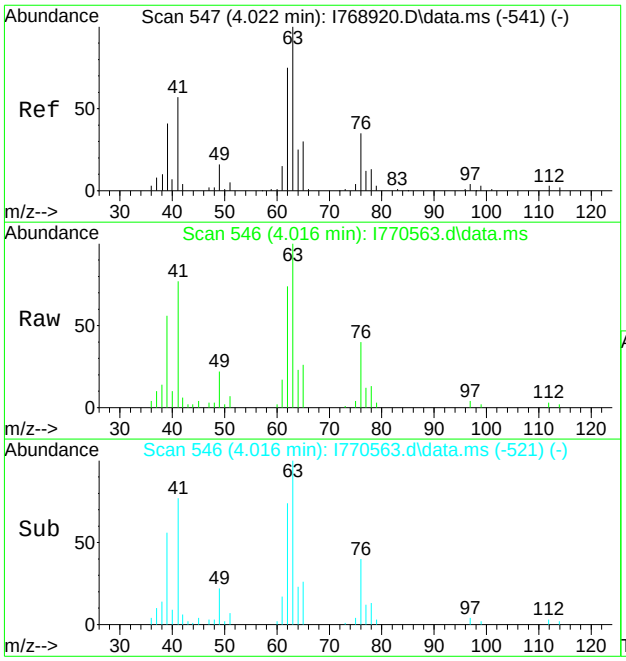


#55
Dibromomethane
Concen: 21.2964 ug/L
RT: 3.961 min Scan# 537
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 93 Resp: 9661

Ion	Ratio	Lower	Upper
93	100		
95	82.9	51.8	111.8
174	98.5	61.6	121.6
172	50.9	19.1	79.1

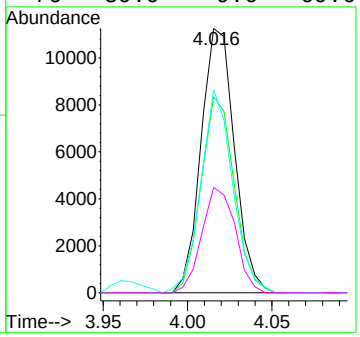


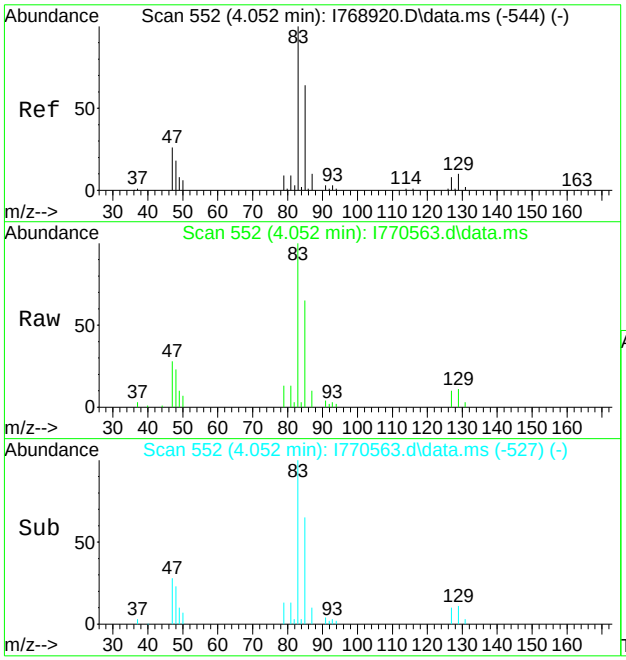


#56
1,2-Dichloropropane
Concen: 21.9524 ug/L
RT: 4.016 min Scan# 546
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 63 Resp: 15570

Ion	Ratio	Lower	Upper
63	100		
62	74.1	39.2	99.2
41	76.8	28.0	88.0
76	39.9	9.6	69.6

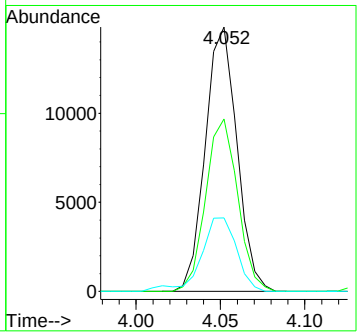


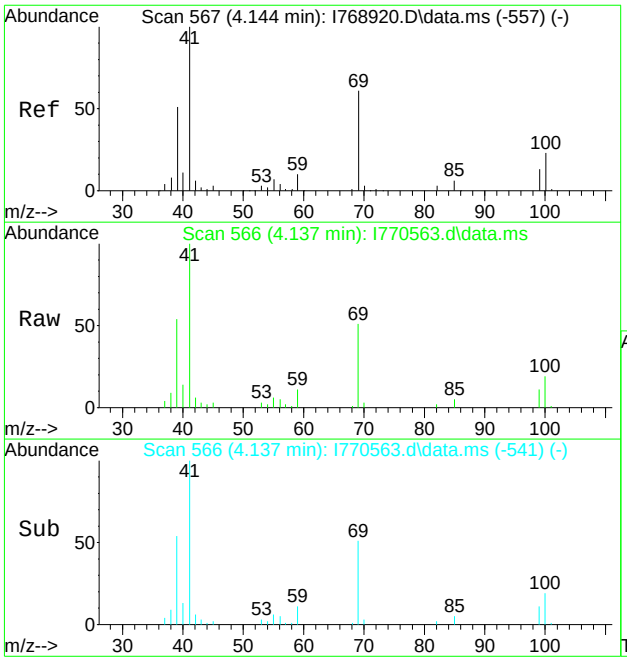


#57
Bromodichloromethane
Concen: 21.5660 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 83 Resp: 19424

Ion	Ratio	Lower	Upper
83	100		
85	65.2	45.2	84.0
47	27.8	14.9	27.7#

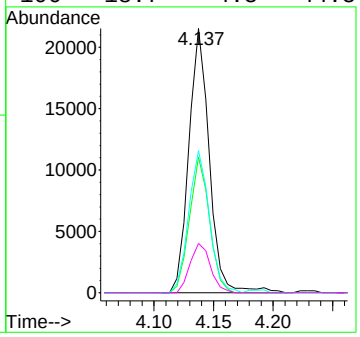


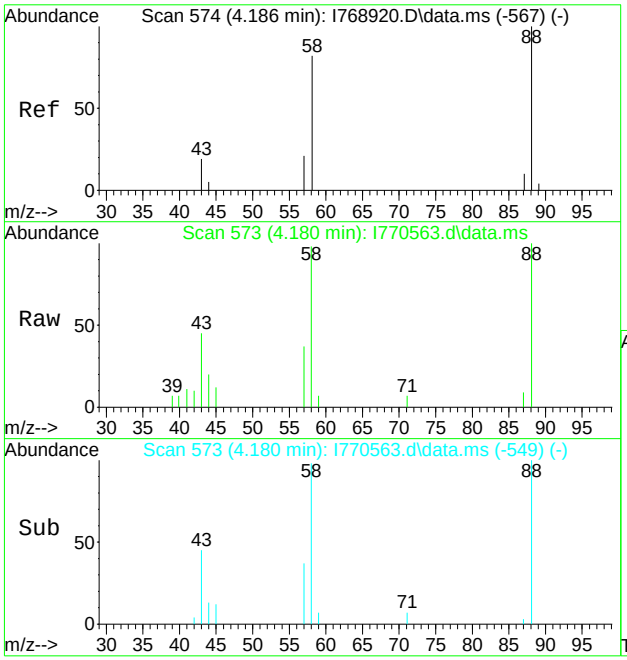


#58
Methyl methacrylate
Concen: 23.7398 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 41 Resp: 25783

Ion	Ratio	Lower	Upper
41	100		
69	51.3	49.4	89.4
39	53.8	38.8	78.8
100	18.7	4.5	44.5

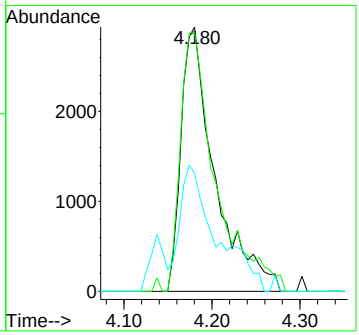


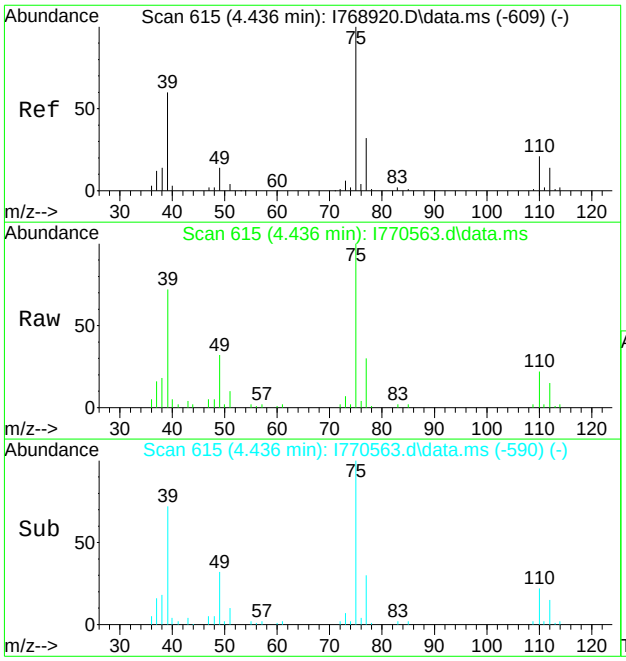


#59
1,4-Dioxane
Concen: 470.5792 ug/L
RT: 4.180 min Scan# 573
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 88 Resp: 7838

Ion	Ratio	Lower	Upper
88	100		
58	98.0	41.6	101.6
43	44.7	5.0	65.0

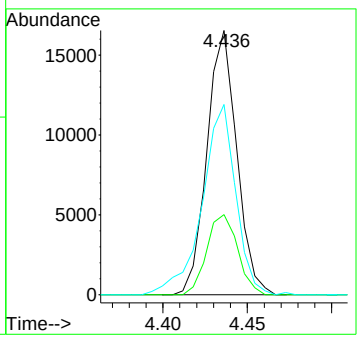


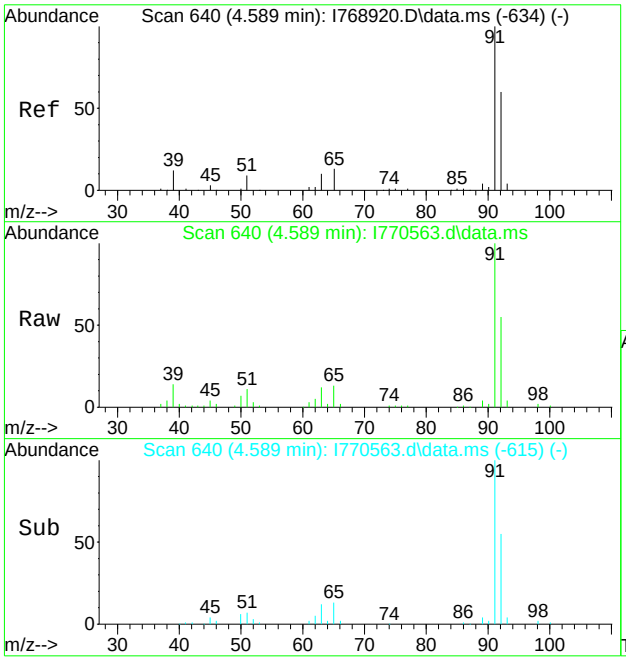


#61
cis-1,3-Dichloropropene
Concen: 20.4758 ug/L
RT: 4.436 min Scan# 615
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 75 Resp: 20362

Ion	Ratio	Lower	Upper
75	100		
77	30.3	2.0	62.0
39	71.1	27.8	87.8

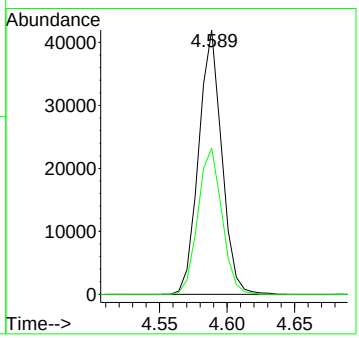


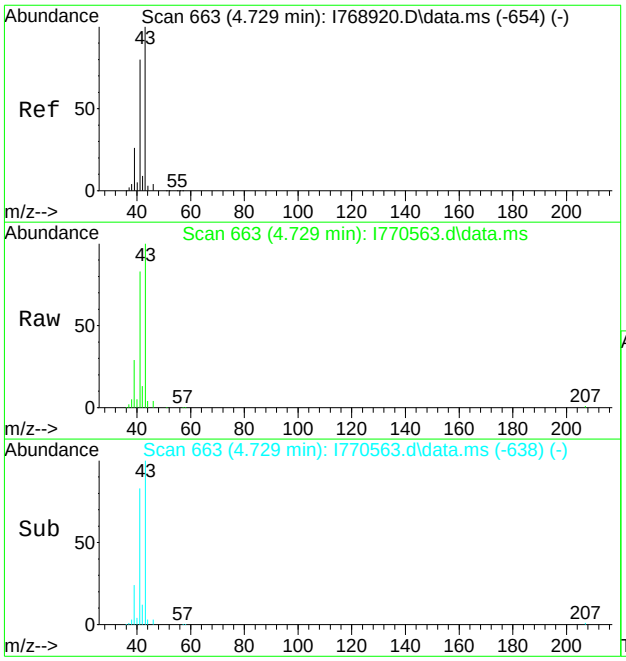


#64
Toluene
Concen: 21.4055 ug/L
RT: 4.589 min Scan# 640
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 49894

Ion	Ratio	Lower	Upper
91	100		
92	55.3	28.4	88.4

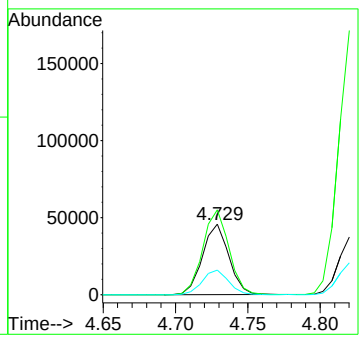


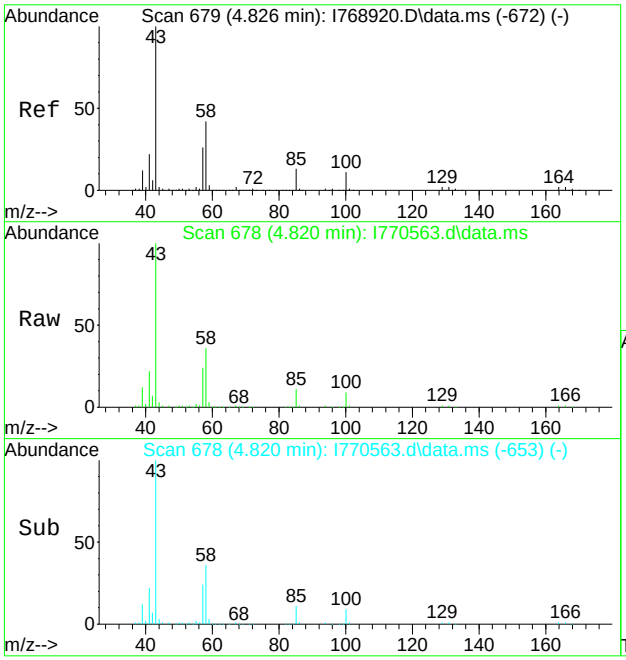


#65
2-Nitropropane
Concen: 118.5899 ug/L
RT: 4.729 min Scan# 663
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 41 Resp: 58190

Ion	Ratio	Lower	Upper
41	100		
43	120.3	97.6	137.6
39	35.0	16.3	56.3

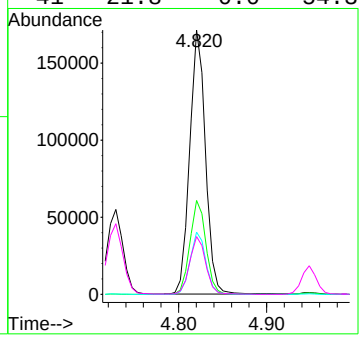


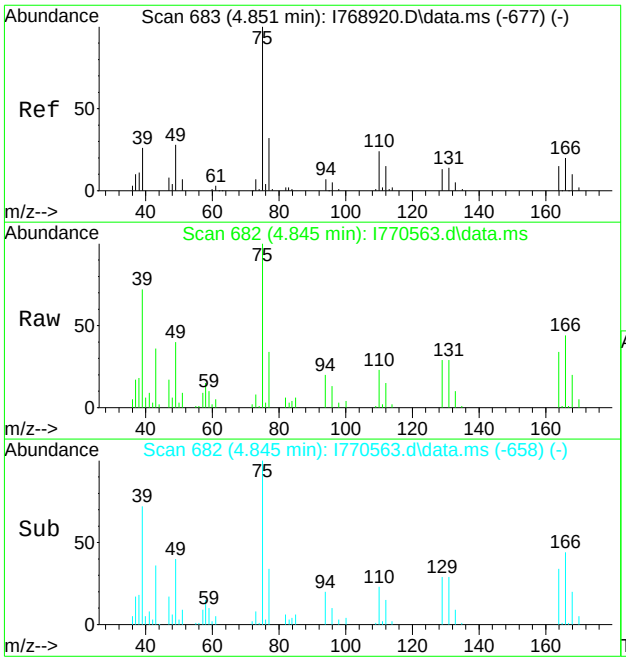


#66
4-Methyl-2-pentanone
Concen: 119.1230 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 213482

Ion	Ratio	Lower	Upper
43	100		
58	35.6	8.5	68.5
57	23.6	0.0	55.2
41	21.8	0.0	54.3

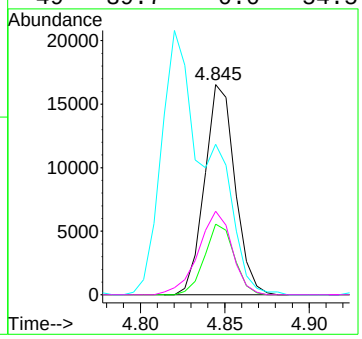


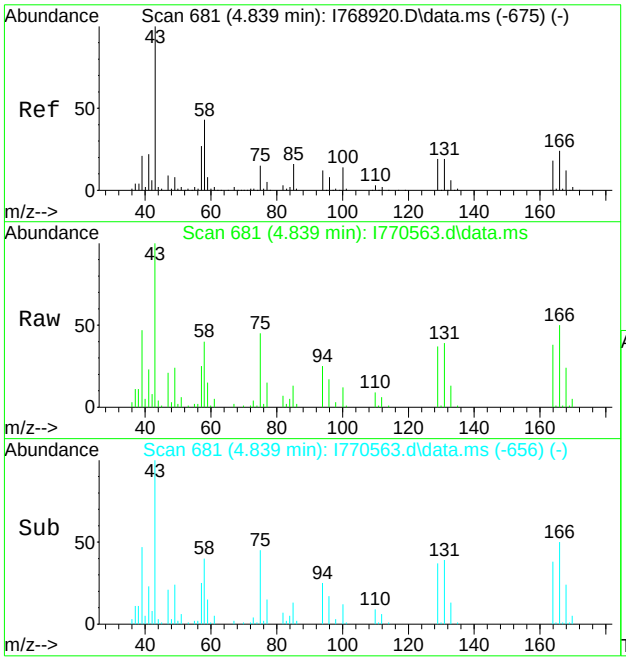


#67
trans-1,3-Dichloropropene
Concen: 20.5916 ug/L
RT: 4.845 min Scan# 682
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 75 Resp: 20687

Ion	Ratio	Lower	Upper
75	100		
77	33.6	2.0	62.0
39	71.6	29.3	89.3
49	39.7	0.0	54.5

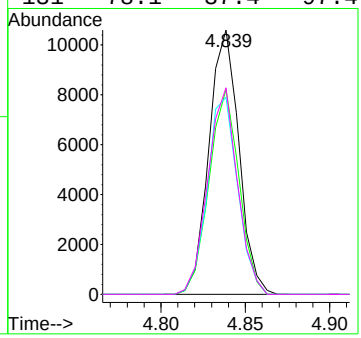


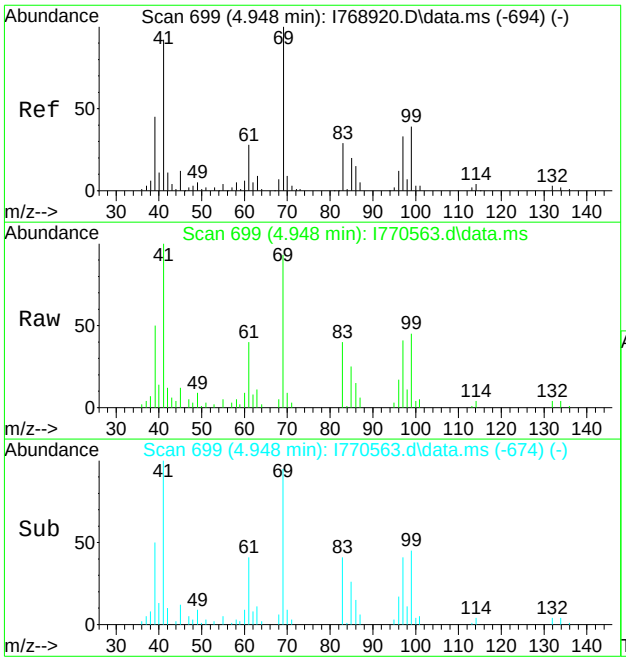


#68
Tetrachloroethene
Concen: 22.5650 ug/L
RT: 4.839 min Scan# 681
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:166 Resp: 13121

Ion	Ratio	Lower	Upper
166	100		
164	77.5	45.5	105.5
129	74.5	37.2	97.2
131	78.1	37.4	97.4

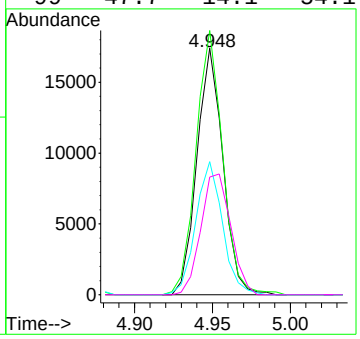


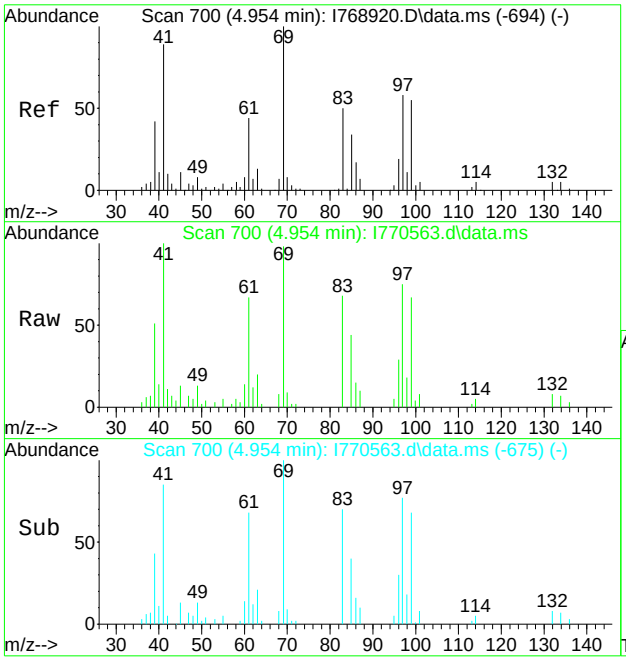


#69
Ethyl methacrylate
Concen: 24.5872 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 69 Resp: 20150

Ion	Ratio	Lower	Upper
69	100		
41	107.2	60.5	100.5#
39	54.0	24.1	64.1
99	47.7	14.1	54.1

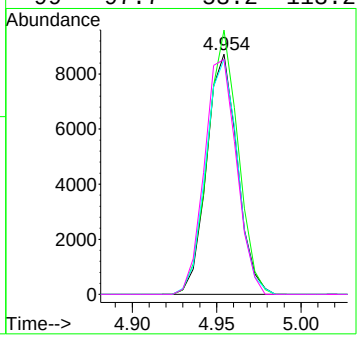


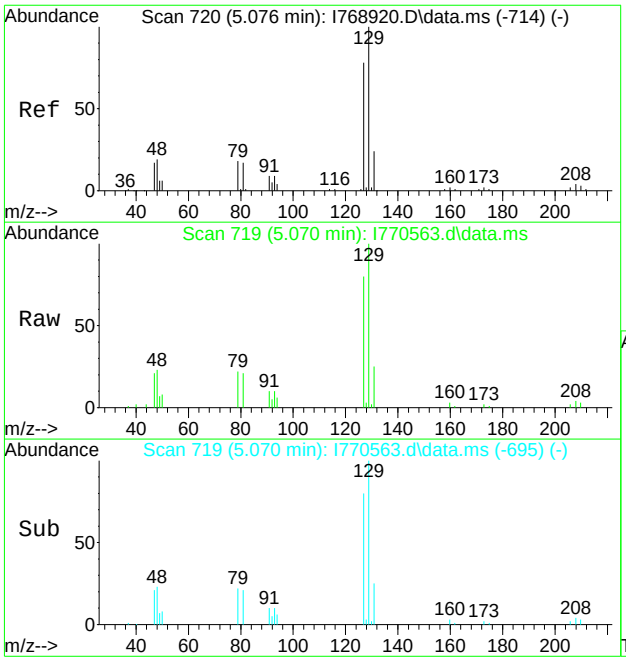


#70
1,1,2-Trichloroethane
Concen: 22.6512 ug/L
RT: 4.954 min Scan# 700
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 83 Resp: 11060

Ion	Ratio	Lower	Upper
83	100		
97	110.0	83.1	143.1
61	97.7	44.3	104.3
99	97.7	53.2	113.2

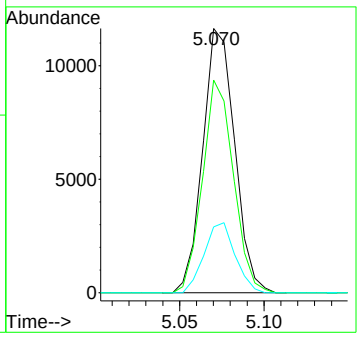


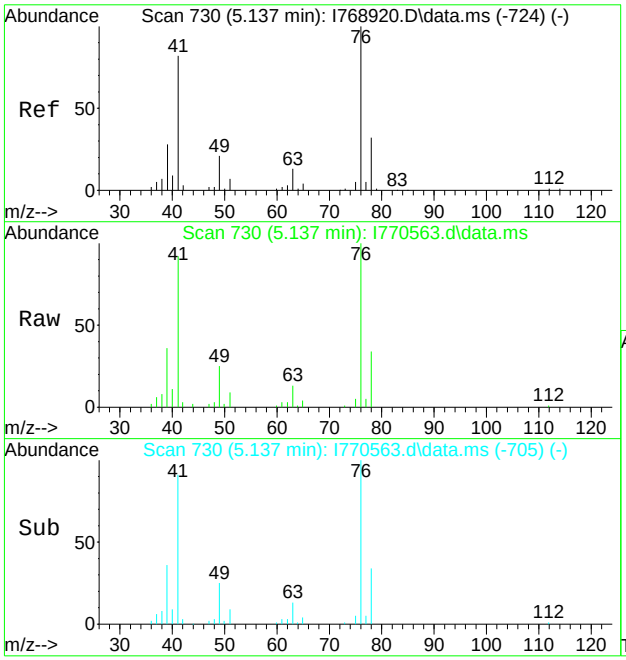


#71
Dibromochloromethane
Concen: 21.7929 ug/L
RT: 5.070 min Scan# 719
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:129 Resp: 15373

Ion	Ratio	Lower	Upper
129	100		
127	80.4	45.3	105.3
131	24.9	0.0	54.1

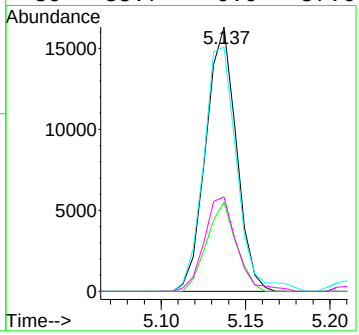


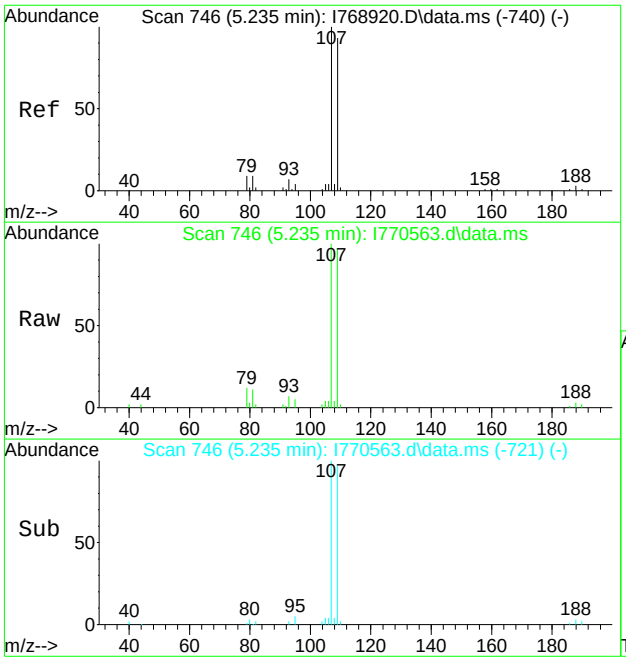


#72
1,3-Dichloropropane
Concen: 20.9182 ug/L
RT: 5.137 min Scan# 730
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 76 Resp: 20543

Ion	Ratio	Lower	Upper
76	100		
78	33.8	2.2	62.2
41	92.5	40.8	100.8
39	35.7	0.0	57.6

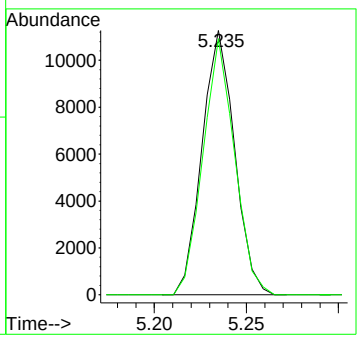


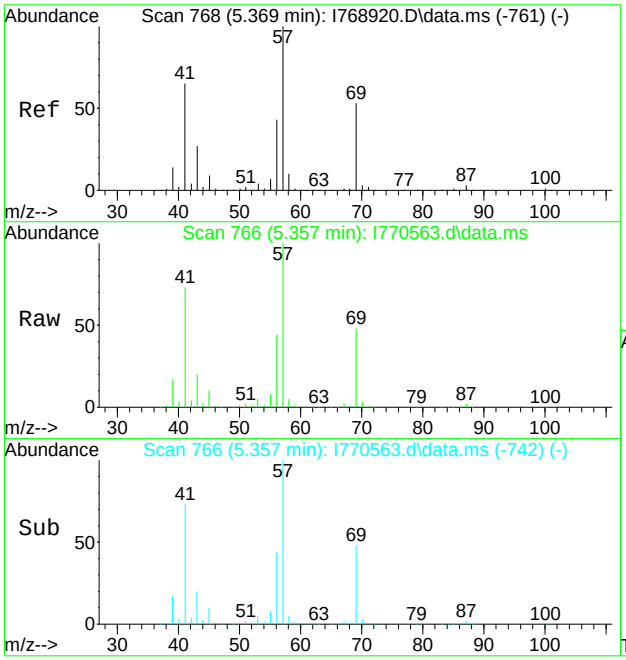


#73
1,2-Dibromoethane
Concen: 21.0276 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:107 Resp: 13860

Ion	Ratio	Lower	Upper
107	100		
109	96.9	64.8	124.8

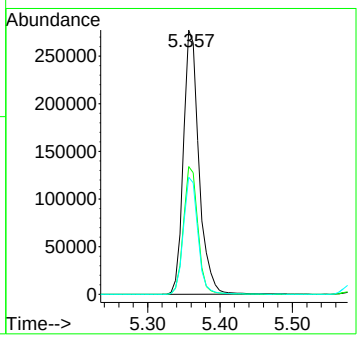


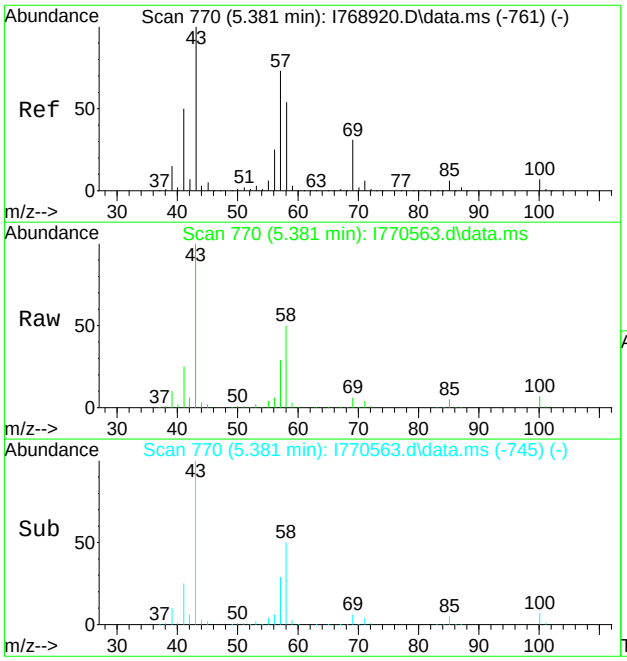


#74
3,3-Dimethyl-1-Butanol
Concen: 1205.9326 ug/L
RT: 5.357 min Scan# 766
Delta R.T. -0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 57 Resp: 411841

Ion	Ratio	Lower	Upper
57	100		
69	48.3	46.8	86.8
56	44.3	22.0	62.0

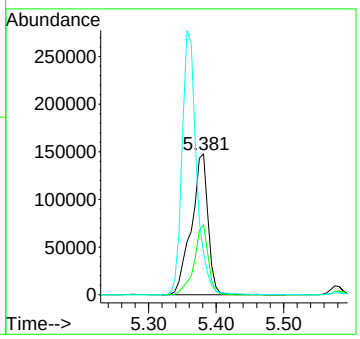


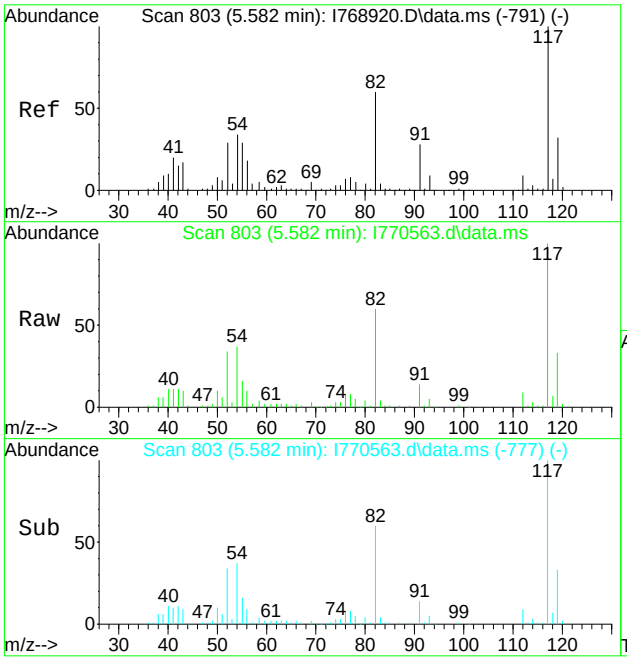


#75
2-hexanone
Concen: 122.5459 ug/L
RT: 5.381 min Scan# 770
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 43 Resp: 254762

Ion	Ratio	Lower	Upper
43	100		
58	49.7	20.1	80.1
57	29.4	33.6	93.6#

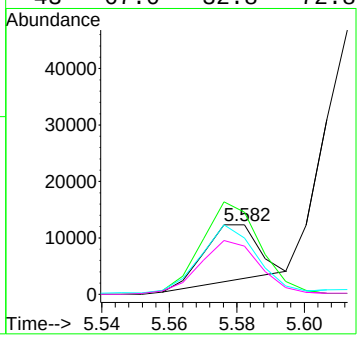


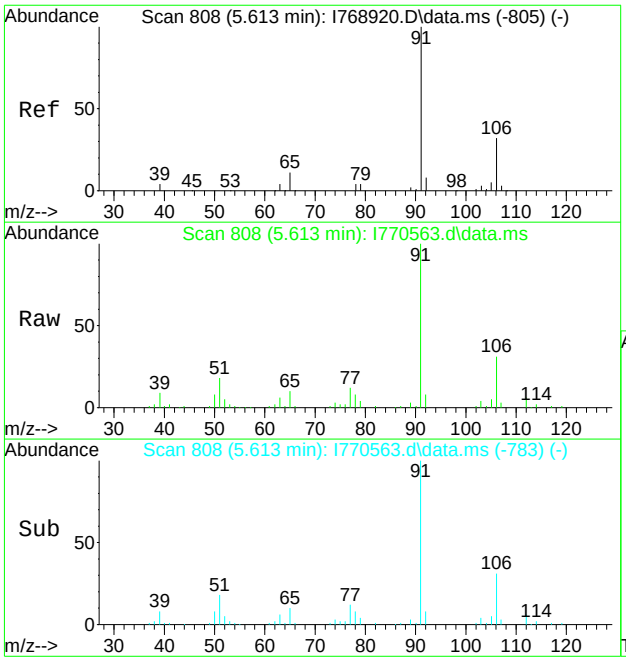


#76
1-Chlorohexane
Concen: 14.8620 ug/L
RT: 5.582 min Scan# 803
Delta R.T. 0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 11559

Ion	Ratio	Lower	Upper
91	100		
55	116.6	60.7	100.7#
41	77.9	44.2	84.2
43	67.0	32.8	72.8

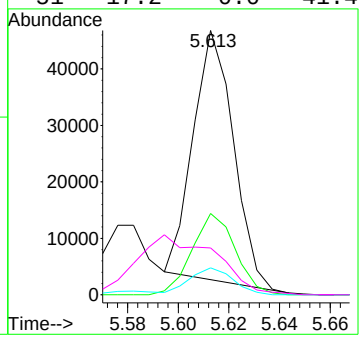


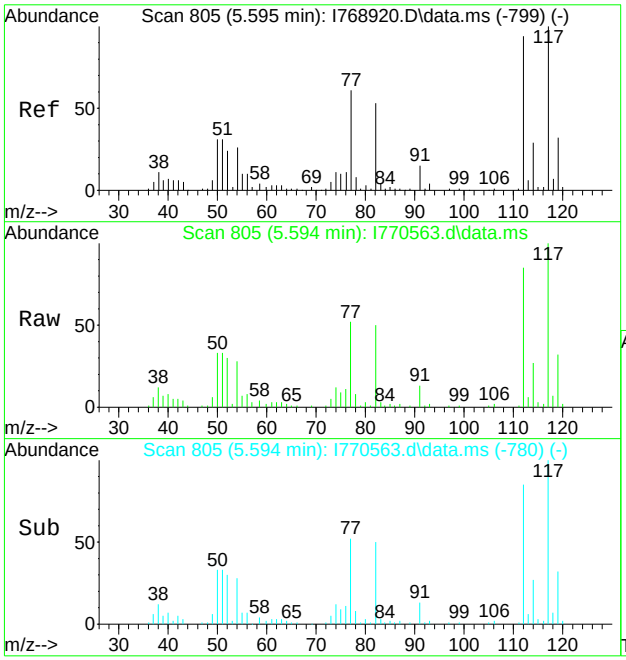


#77
Ethylbenzene
Concen: 18.5058 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 48309

Ion	Ratio	Lower	Upper
91	100		
106	31.0	0.8	60.8
65	10.3	0.0	39.5
51	17.2	0.0	41.4

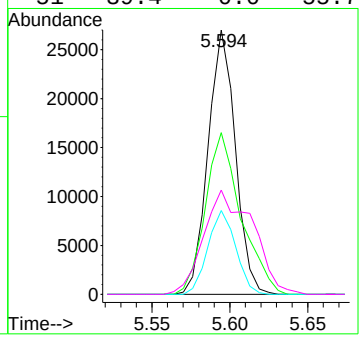


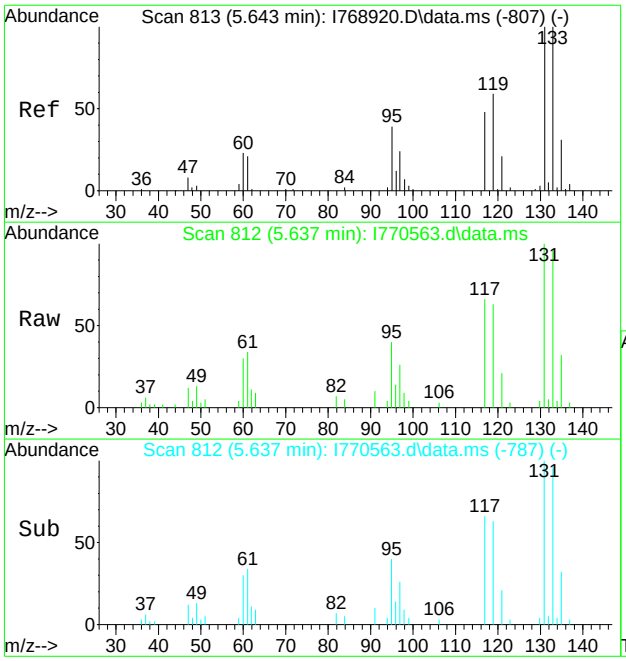


#78
Chlorobenzene
Concen: 21.3524 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:112 Resp: 32891

Ion	Ratio	Lower	Upper
112	100		
77	61.2	30.7	90.7
114	31.7	2.4	62.4
51	39.4	0.0	55.7

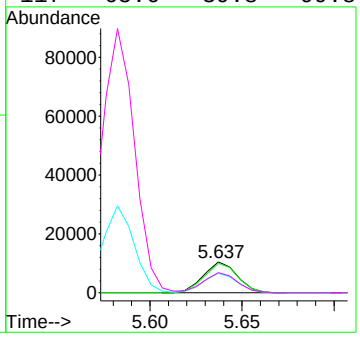


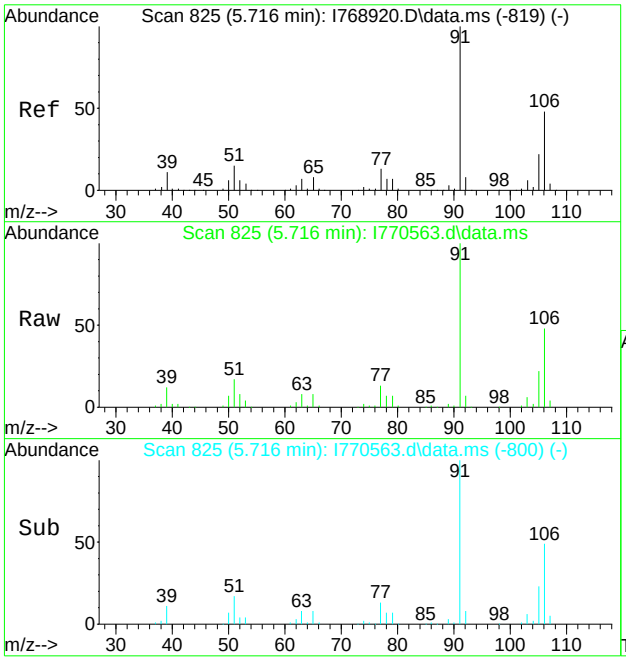


#79
1,1,1,2-Tetrachloroethane
Concen: 21.5925 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:131 Resp: 13429

Ion	Ratio	Lower	Upper
131	100		
133	95.8	70.3	130.3
119	62.7	35.8	95.8
117	65.6	39.8	99.8

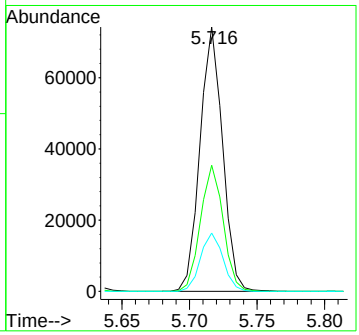


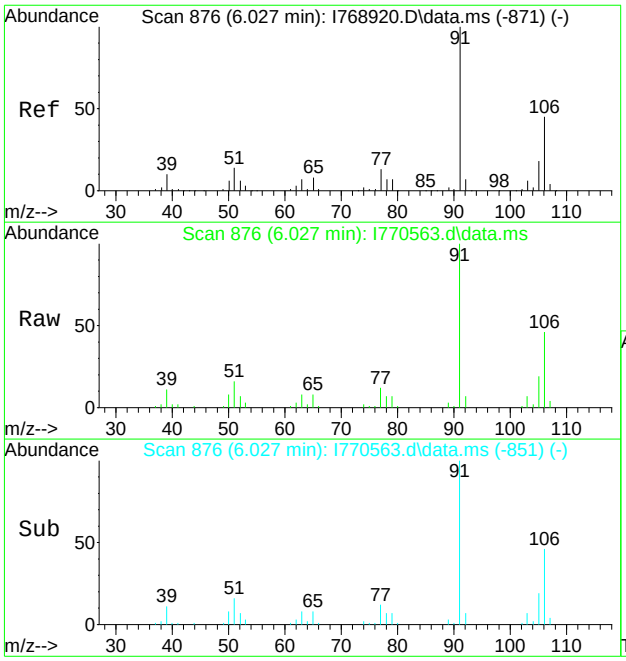


#80
m,p-Xylene
Concen: 42.6643 ug/L
RT: 5.716 min Scan# 825
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 86543

Ion	Ratio	Lower	Upper
91	100		
106	47.7	17.0	77.0
105	22.0	0.0	51.7

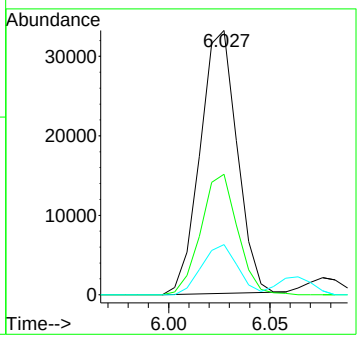


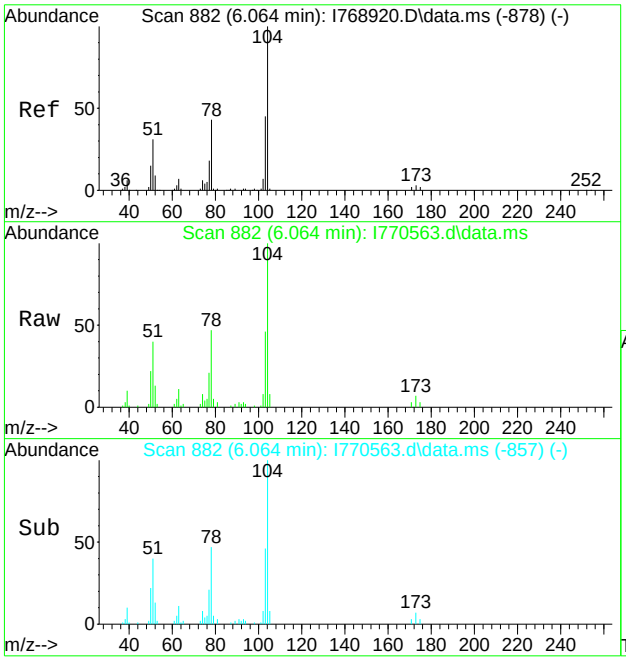


#81
o-Xylene
Concen: 21.6018 ug/L
RT: 6.027 min Scan# 876
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 42072

Ion	Ratio	Lower	Upper
91	100		
106	45.6	15.4	75.4
105	19.0	0.0	49.1

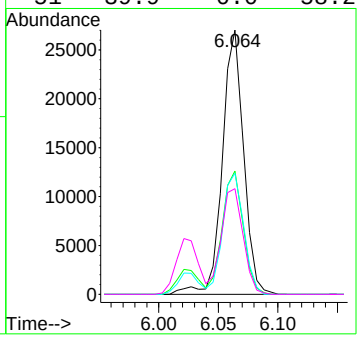


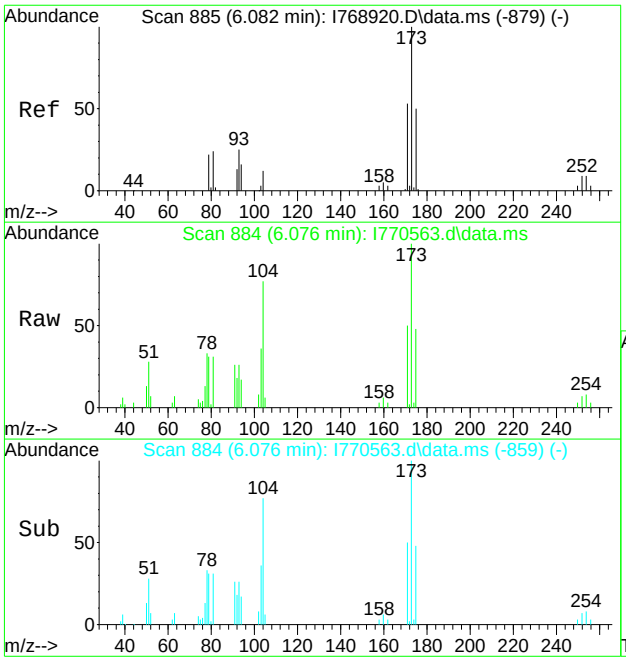


#82
Styrene
Concen: 22.9086 ug/L
RT: 6.064 min Scan# 882
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:104 Resp: 33460

Ion	Ratio	Lower	Upper
104	100		
78	46.6	15.1	75.1
103	45.8	17.1	77.1
51	39.9	0.0	58.2

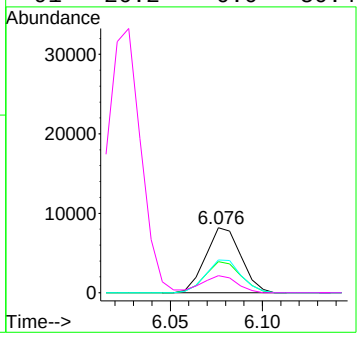


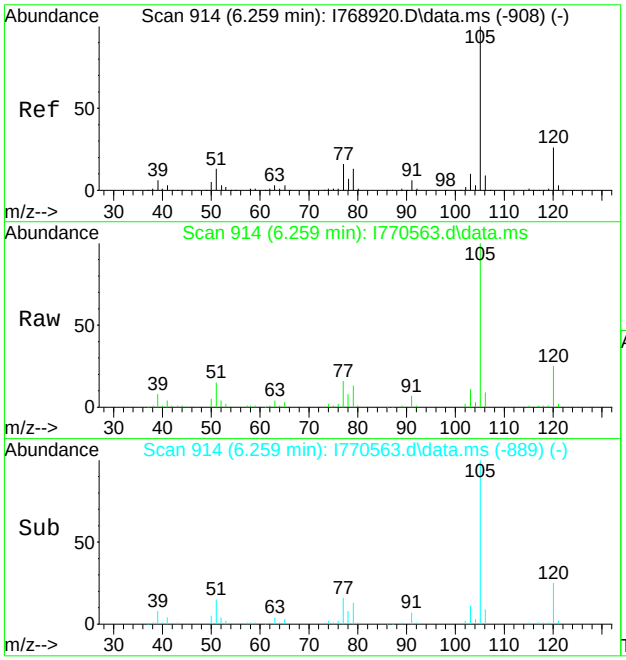


#83
Bromoform
Concen: 20.7896 ug/L
RT: 6.076 min Scan# 884
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:173 Resp: 10942

Ion	Ratio	Lower	Upper
173	100		
175	48.1	18.2	78.2
171	50.3	20.6	80.6
91	26.2	0.0	50.4

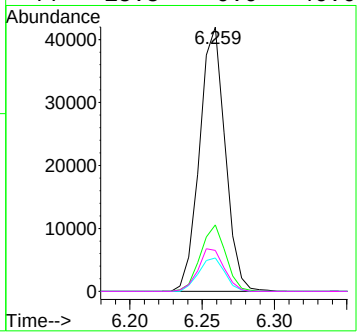


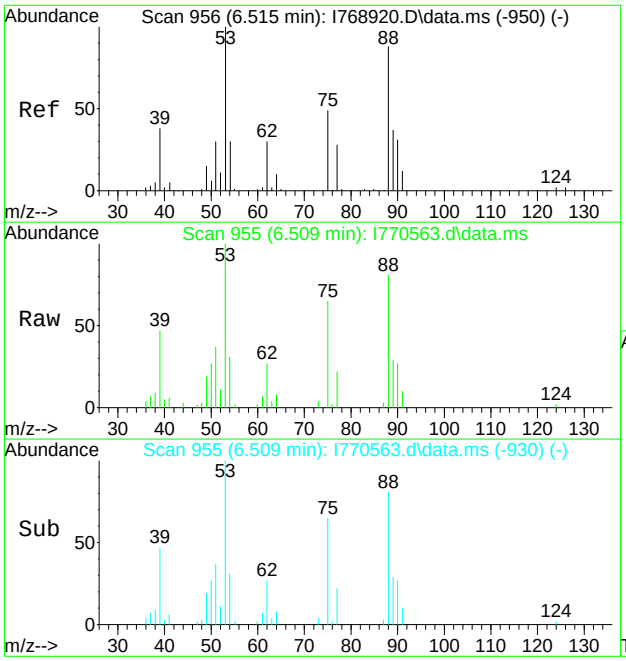


#84
Isopropylbenzene
Concen: 22.5923 ug/L
RT: 6.259 min Scan# 914
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:105 Resp: 51788

Ion	Ratio	Lower	Upper
105	100		
120	25.2	0.0	54.9
79	12.6	0.0	43.9
77	15.5	0.0	46.6

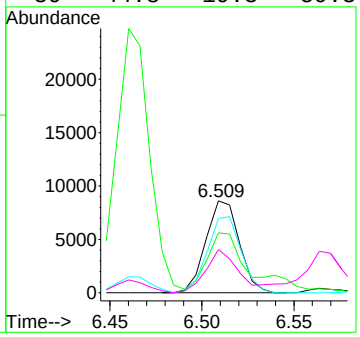


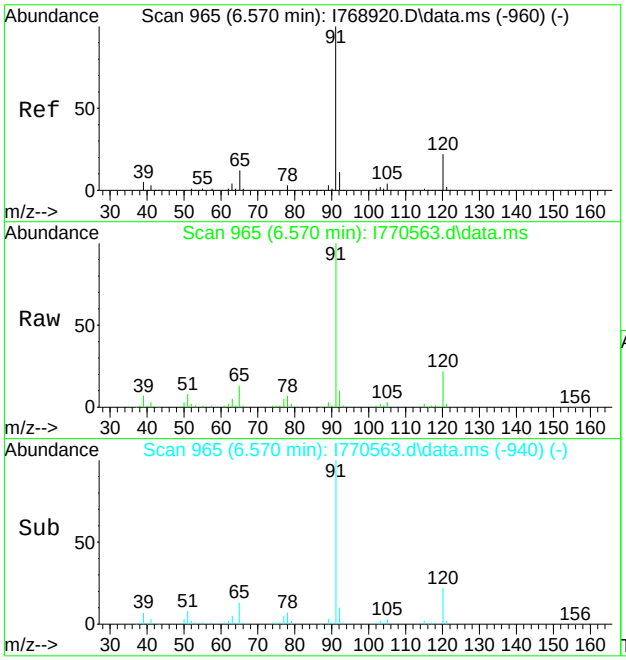


#87
cis-1,4-Dichloro-2-butene
Concen: 20.5293 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 53 Resp: 10897

Ion	Ratio	Lower	Upper
53	100		
75	50.2	62.2	102.2#
88	80.7	86.4	126.4#
39	44.8	19.3	59.3

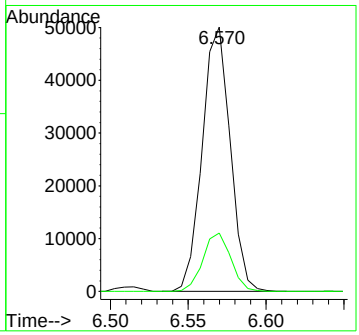


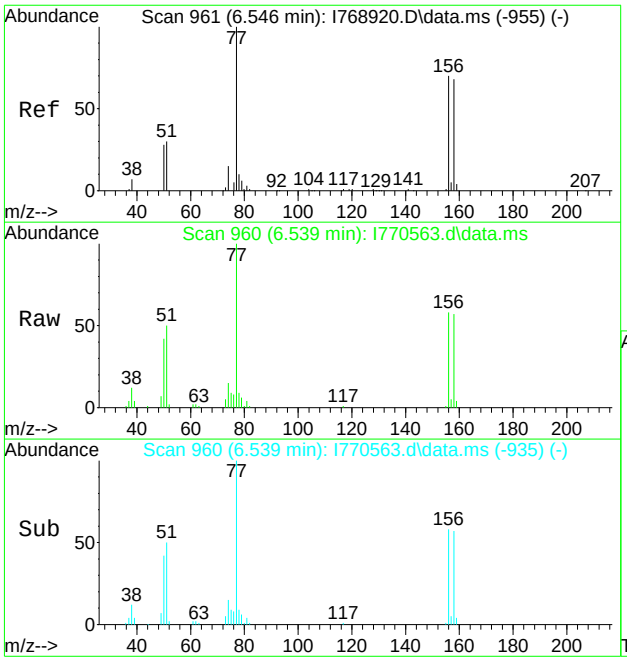


#88
n-Propylbenzene
Concen: 22.5223 ug/L
RT: 6.570 min Scan# 965
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 62419

Ion	Ratio	Lower	Upper
91	100		
120	22.0	0.0	52.3

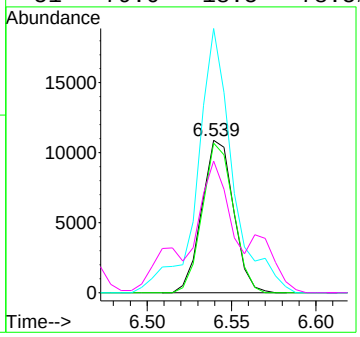


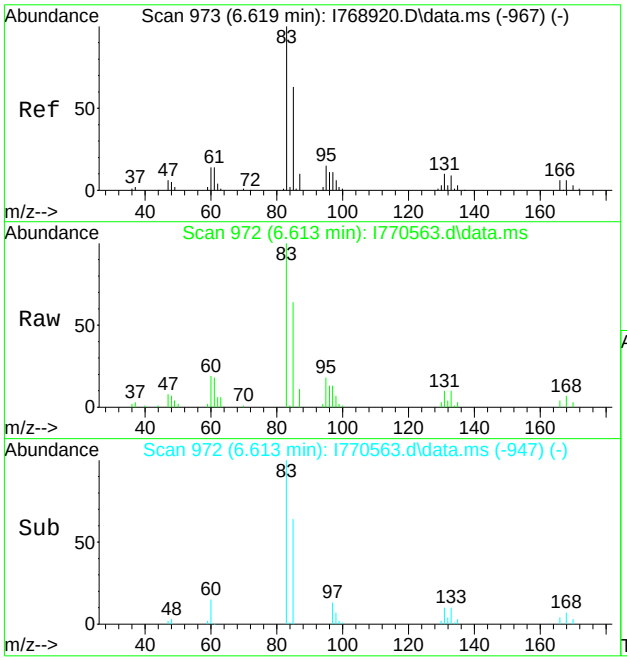


#89
Bromobenzene
Concen: 22.1388 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:156 Resp: 14213

Ion	Ratio	Lower	Upper
156	100		
158	98.2	65.5	125.5
77	169.2	126.3	186.3
51	79.0	18.5	78.5#

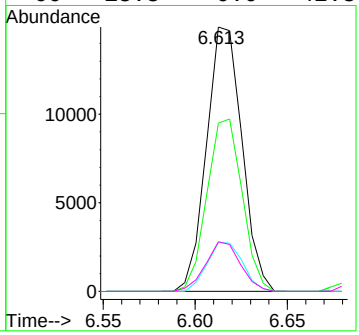


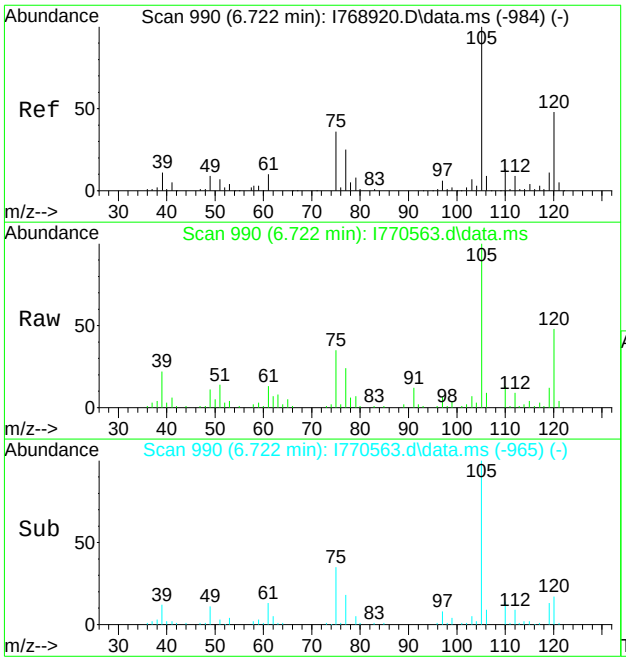


#90
1,1,2,2-Tetrachloroethane
Concen: 21.0370 ug/L
RT: 6.613 min Scan# 972
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 83 Resp: 20040

Ion	Ratio	Lower	Upper
83	100		
85	63.6	36.2	96.2
95	18.4	0.0	46.3
60	18.8	0.0	42.3

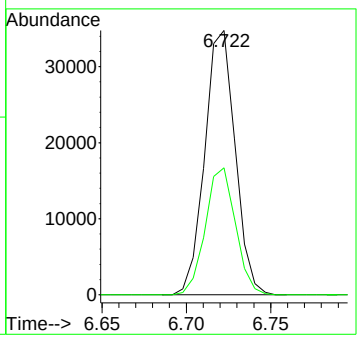


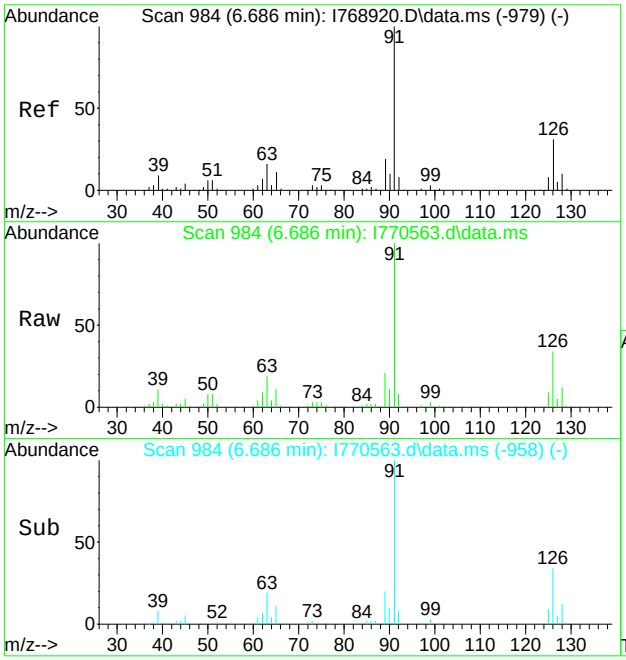


#91
1,3,5-Trimethylbenzene
Concen: 23.2300 ug/L
RT: 6.722 min Scan# 990
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:105 Resp: 43609

Ion	Ratio	Lower	Upper
105	100		
120	48.0	17.5	77.5

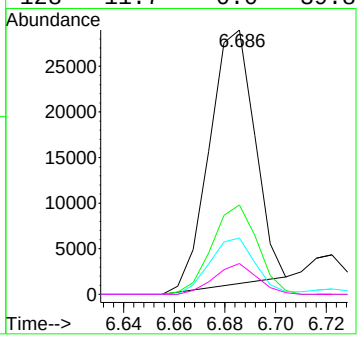


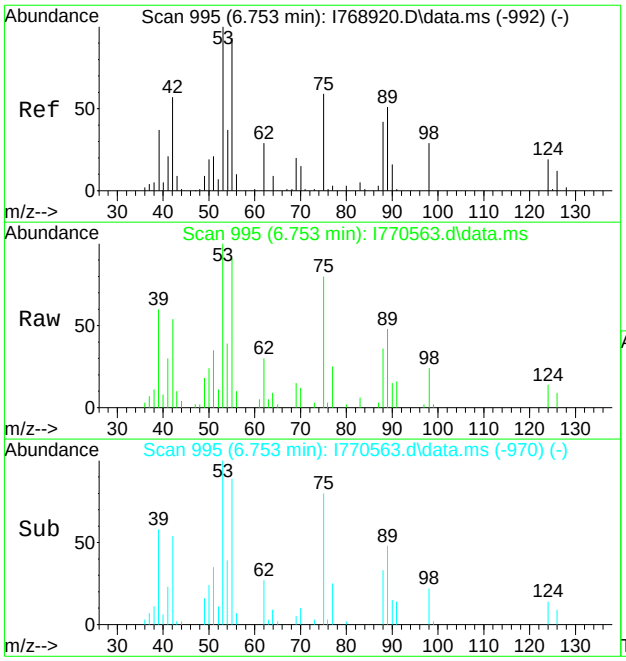


#92
2-Chlorotoluene
Concen: 22.5039 ug/L
RT: 6.686 min Scan# 984
Delta R.T. 0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 34841

Ion	Ratio	Lower	Upper
91	100		
126	33.8	0.4	60.4
89	21.3	0.0	48.4
128	11.7	0.0	39.8

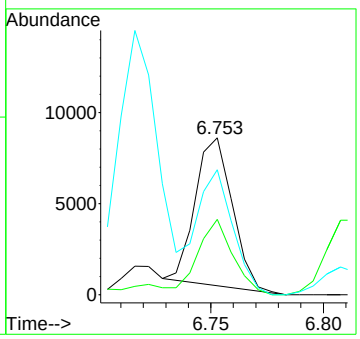


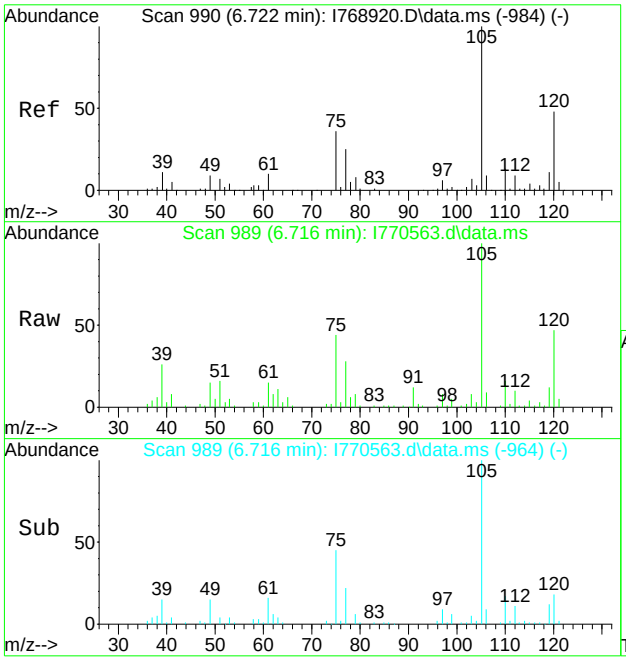


#93
trans-1,4-Dichloro-2-Butene
Concen: 18.9346 ug/L
RT: 6.753 min Scan# 995
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 53 Resp: 9164

Ion	Ratio	Lower	Upper
53	100		
89	48.1	39.5	79.5
75	79.6	80.0	120.0#

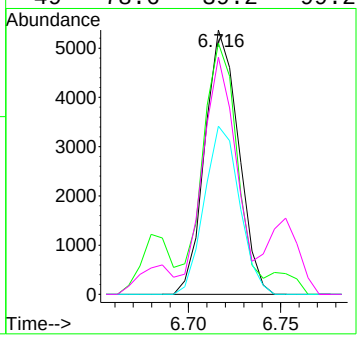


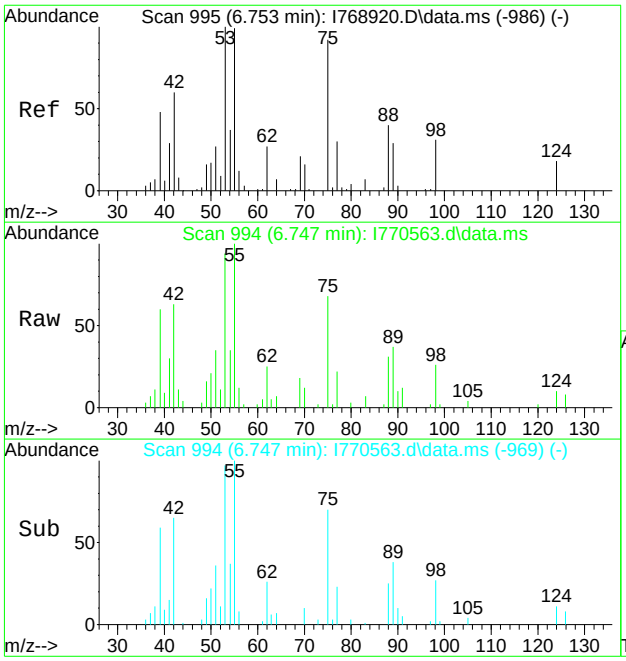


#94
1,2,3-Trichloropropane
Concen: 22.0689 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:110 Resp: 6843

Ion	Ratio	Lower	Upper
110	100		
61	87.0	57.4	117.4
112	63.6	29.8	89.8
49	78.6	39.2	99.2

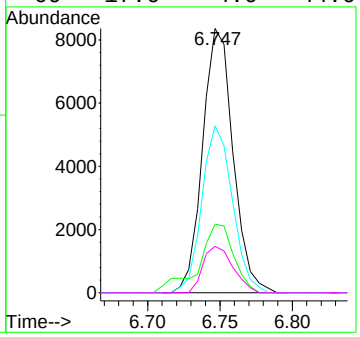


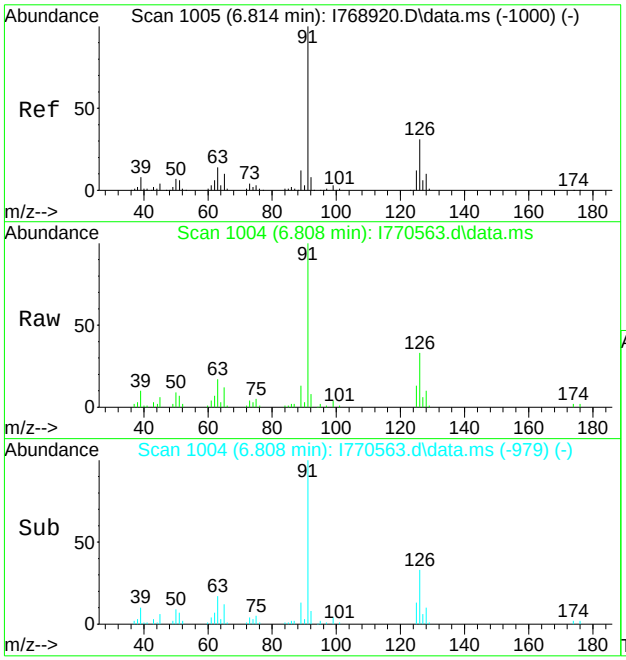


#95
Cyclohexanone
Concen: 120.3791 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 55 Resp: 12288

Ion	Ratio	Lower	Upper
55	100		
98	26.0	20.6	60.6
42	63.2	43.8	83.8
69	17.6	4.0	44.0

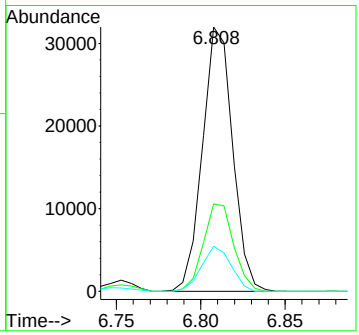


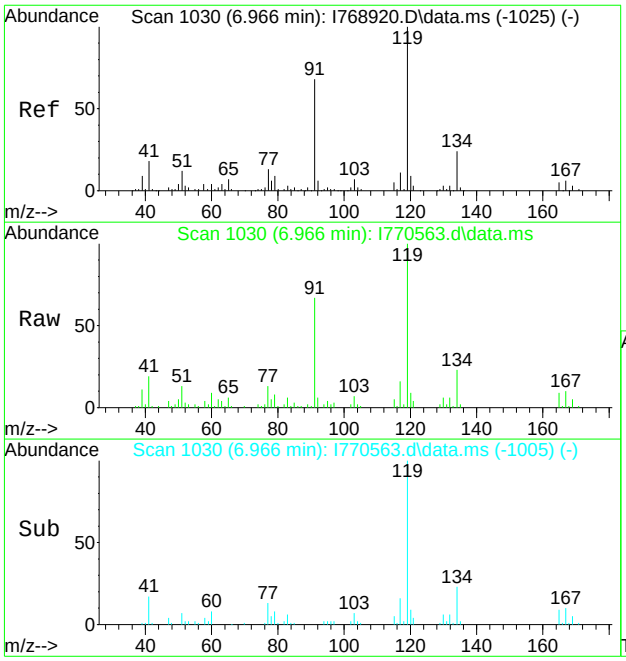


#96
4-Chlorotoluene
Concen: 22.6611 ug/L
RT: 6.808 min Scan# 1004
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 39909

Ion	Ratio	Lower	Upper
91	100		
126	33.1	0.0	59.5
63	17.0	0.0	44.0

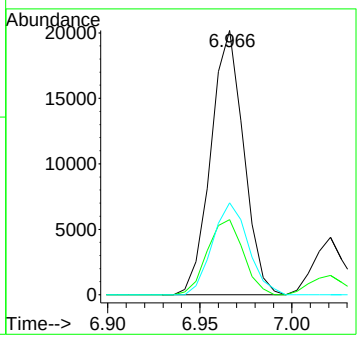


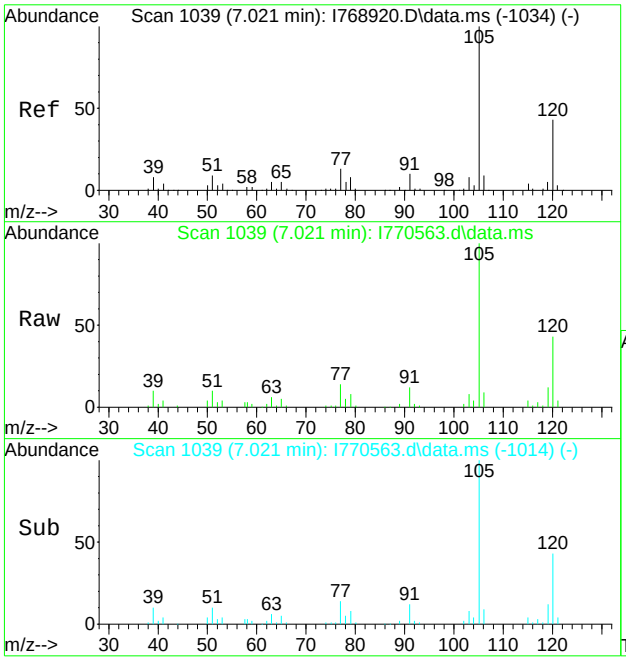


#97
tert-Butylbenzene
Concen: 23.6158 ug/L
RT: 6.966 min Scan# 1030
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 91 Resp: 25083

Ion	Ratio	Lower	Upper
91	100		
41	28.4	0.0	52.9
134	34.8	4.8	64.8

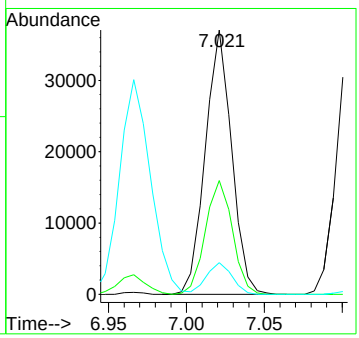


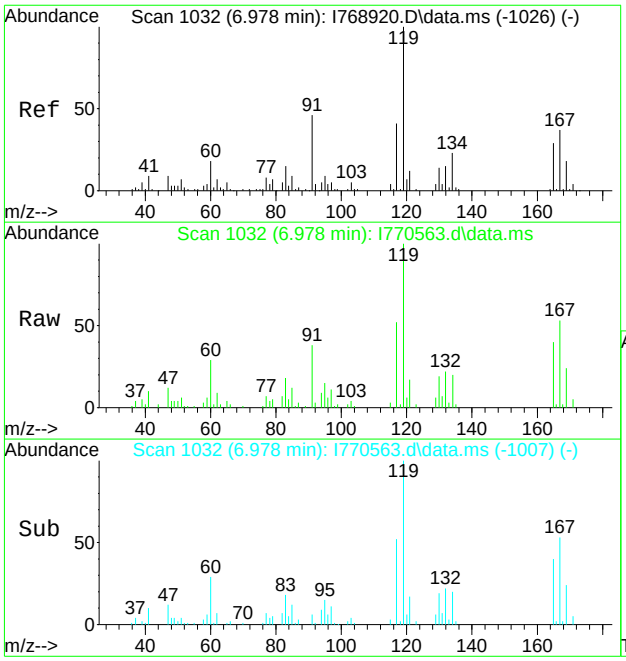


#98
1,2,4-Trimethylbenzene
Concen: 22.4433 ug/L
RT: 7.021 min Scan# 1039
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:105 Resp: 43370

Ion	Ratio	Lower	Upper
105	100		
120	43.0	13.7	73.7
119	12.0	0.0	41.5

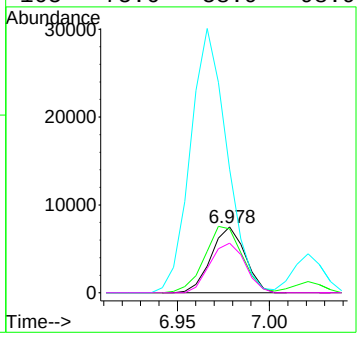


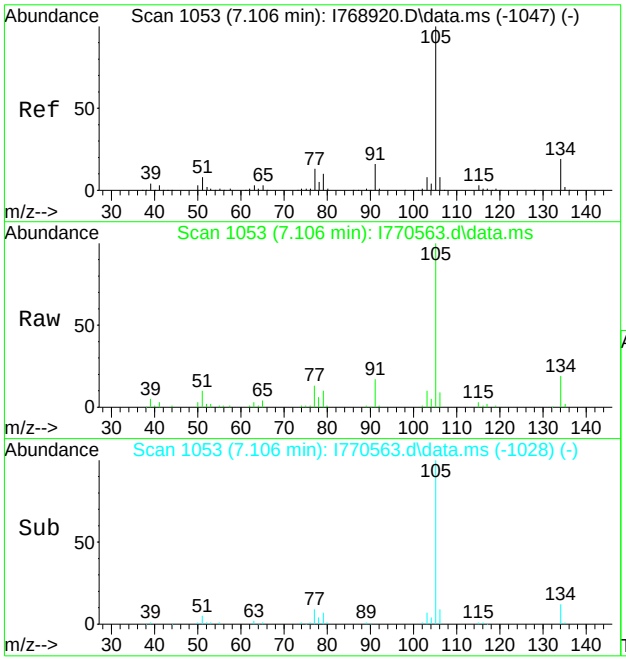


#99
Pentachloroethane
Concen: 26.2446 ug/L
RT: 6.978 min Scan# 1032
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:167 Resp: 9618

Ion	Ratio	Lower	Upper
167	100		
117	97.3	79.4	139.4
119	179.9	554.0	614.0#
165	75.6	58.9	98.9

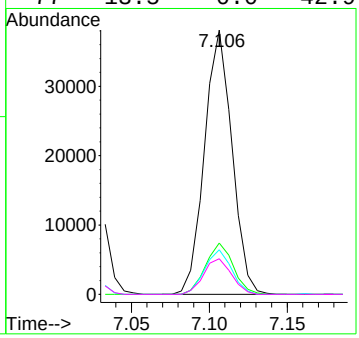


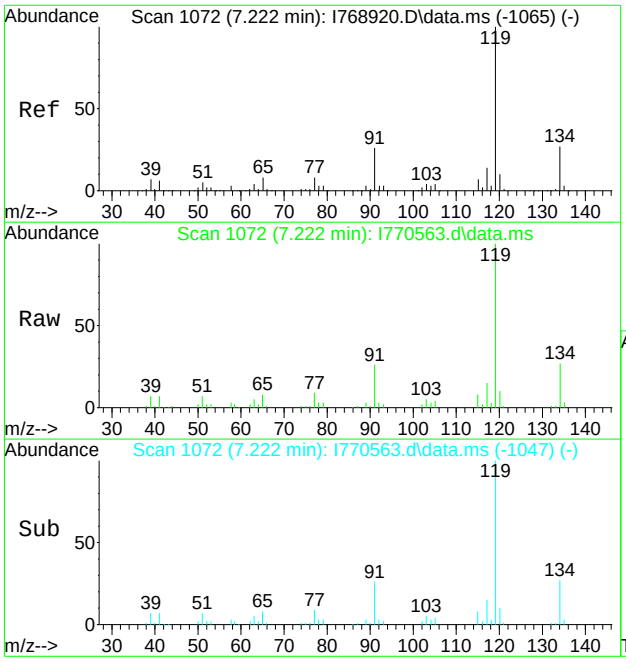


#100
sec-Butylbenzene
Concen: 21.7720 ug/L
RT: 7.106 min Scan# 1053
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:105 Resp: 46667

Ion	Ratio	Lower	Upper
105	100		
134	19.5	0.0	50.2
91	16.9	0.0	46.2
77	13.5	0.0	42.9

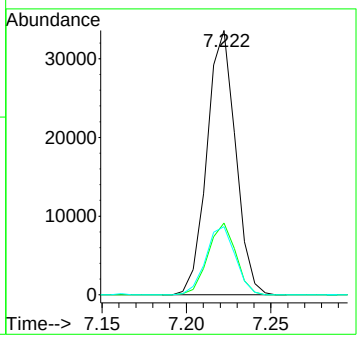


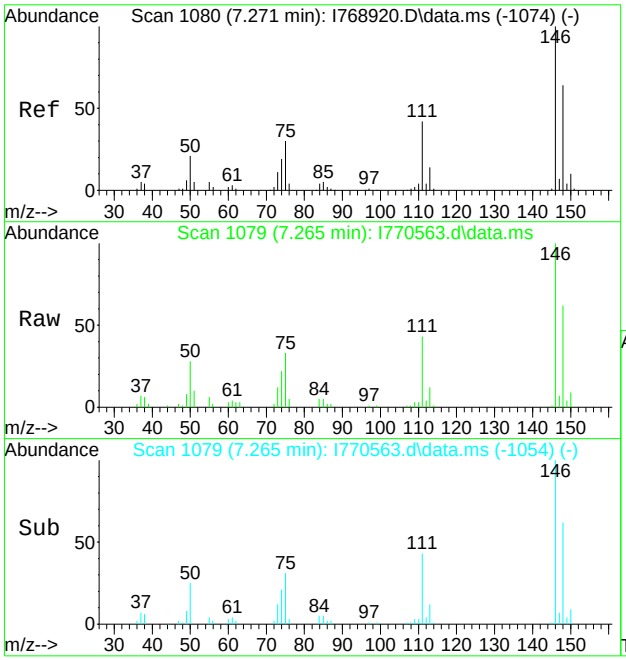


#101
4-Isopropyltoluene
Concen: 22.2167 ug/L
RT: 7.222 min Scan# 1072
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:119 Resp: 39633

Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	57.1
91	25.8	0.0	56.2

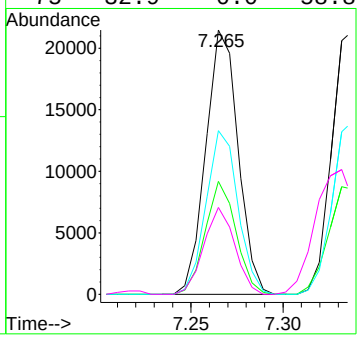


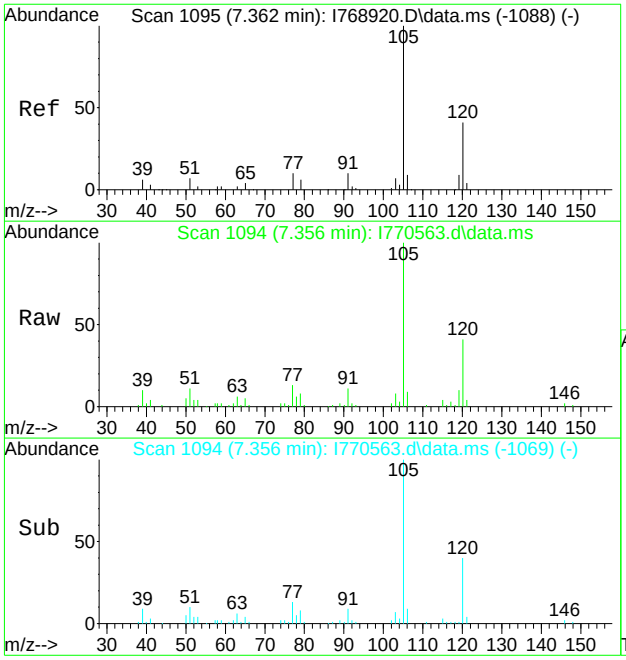


#102
1,3-Dichlorobenzene
Concen: 22.7962 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:146 Resp: 26282

Ion	Ratio	Lower	Upper
146	100		
111	42.8	11.0	71.0
148	61.9	32.9	92.9
75	32.9	0.0	58.8

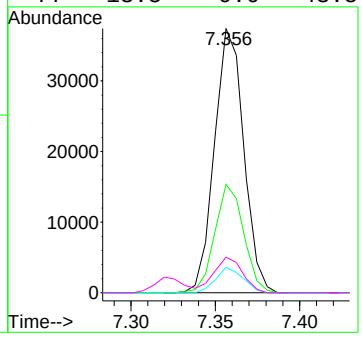


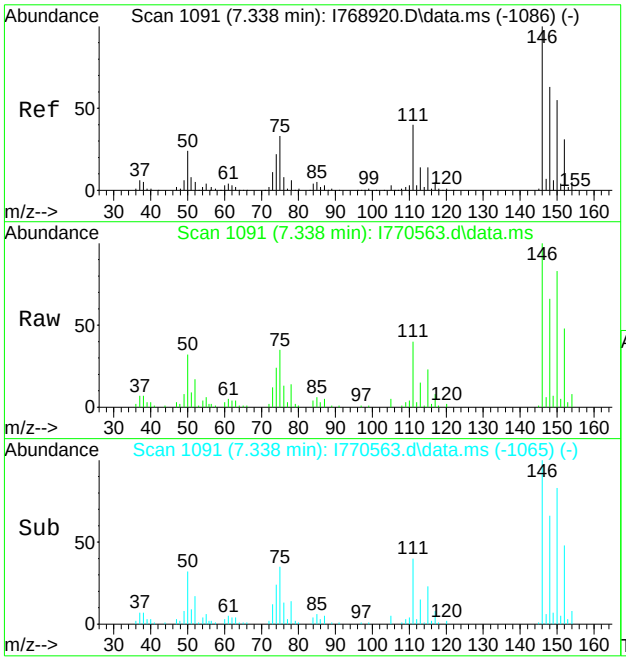


#103
1,2,3-Trimethylbenzene
Concen: 23.3076 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:105 Resp: 45191

Ion	Ratio	Lower	Upper
105	100		
120	41.1	11.0	71.0
119	9.7	0.0	39.1
77	13.5	0.0	43.5

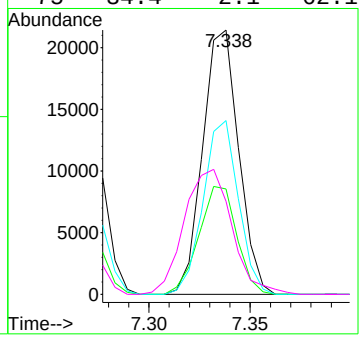


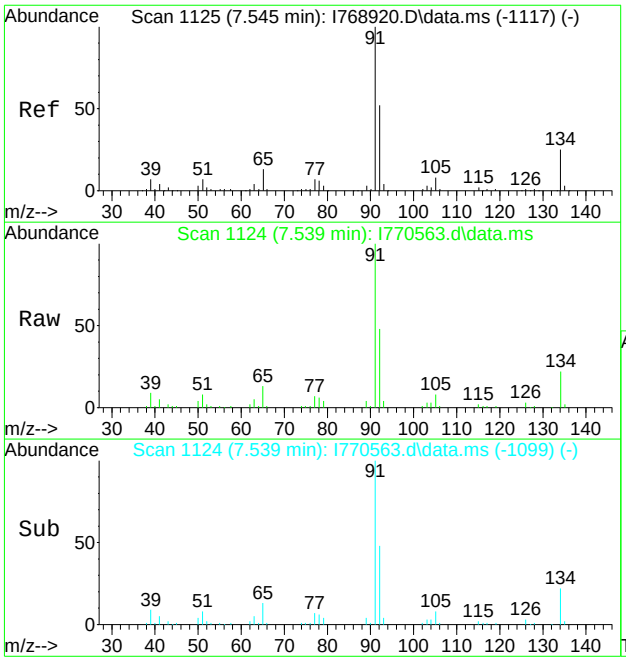


#104
1,4-Dichlorobenzene
Concen: 21.7179 ug/L
RT: 7.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:146 Resp: 26575

Ion	Ratio	Lower	Upper
146	100		
111	39.9	9.8	69.8
148	65.7	33.7	93.7
75	34.4	2.1	62.1

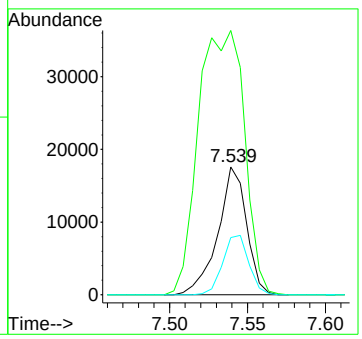


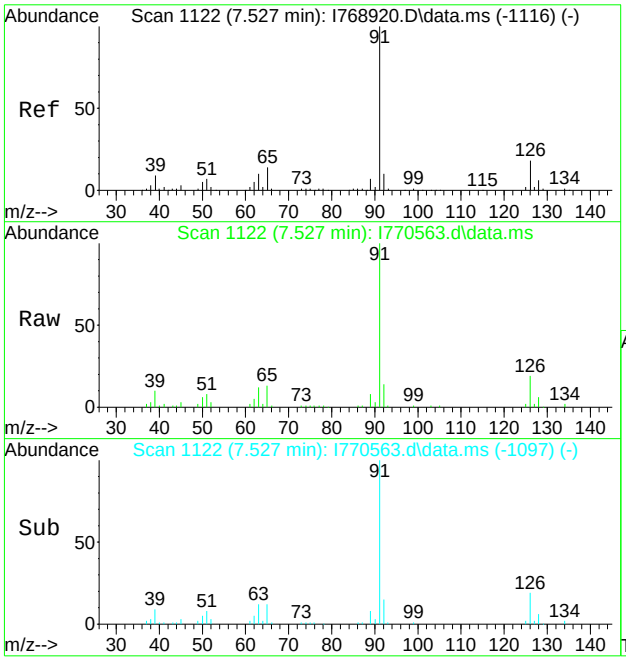


#105
n-Butylbenzene
Concen: 22.6695 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 92 Resp: 22487

Ion	Ratio	Lower	Upper
92	100		
91	206.6	158.3	218.3
134	44.8	16.3	76.3

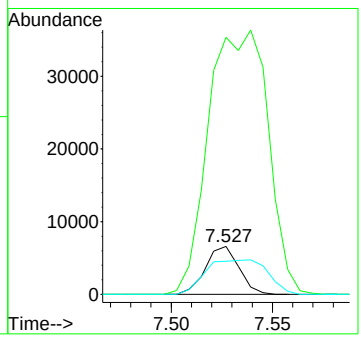


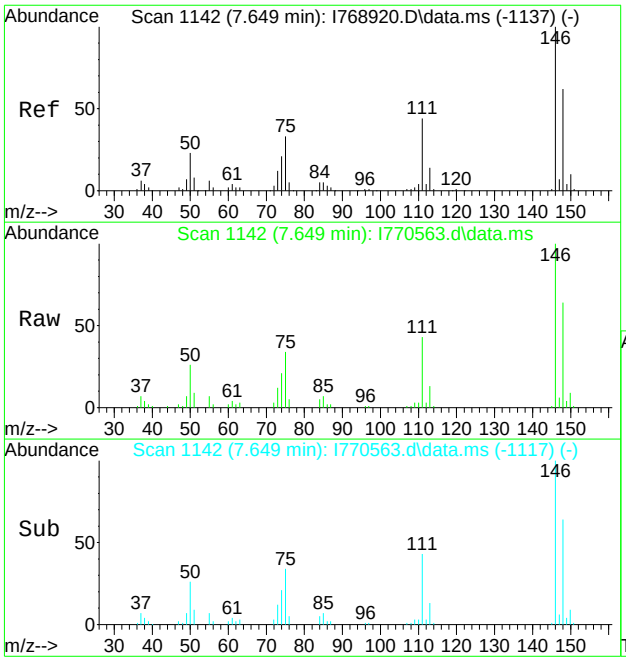


#106
Benzyl Chloride
Concen: 21.5124 ug/L
RT: 7.527 min Scan# 1122
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:126 Resp: 7613

Ion	Ratio	Lower	Upper
126	100		
91	535.2	503.6	543.6
65	69.0	49.6	89.6

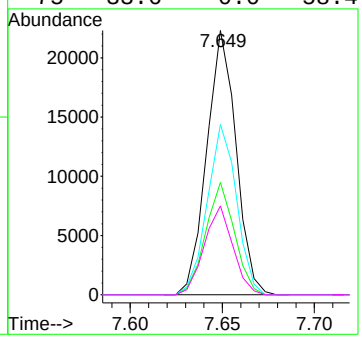


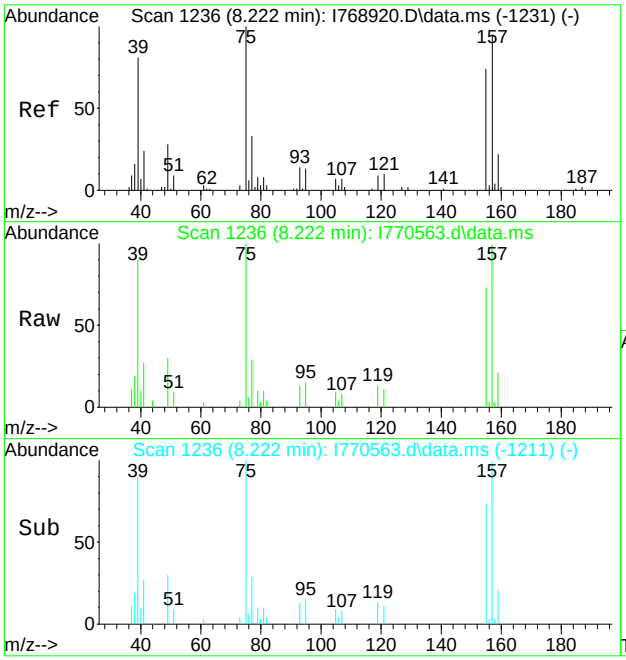


#107
1,2-Dichlorobenzene
Concen: 22.5109 ug/L
RT: 7.649 min Scan# 1142
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:146 Resp: 24747

Ion	Ratio	Lower	Upper
146	100		
111	42.5	11.2	71.2
148	64.4	34.6	94.6
75	33.6	0.0	58.4

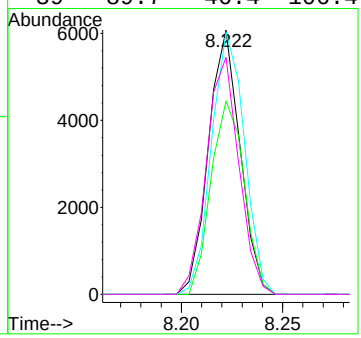


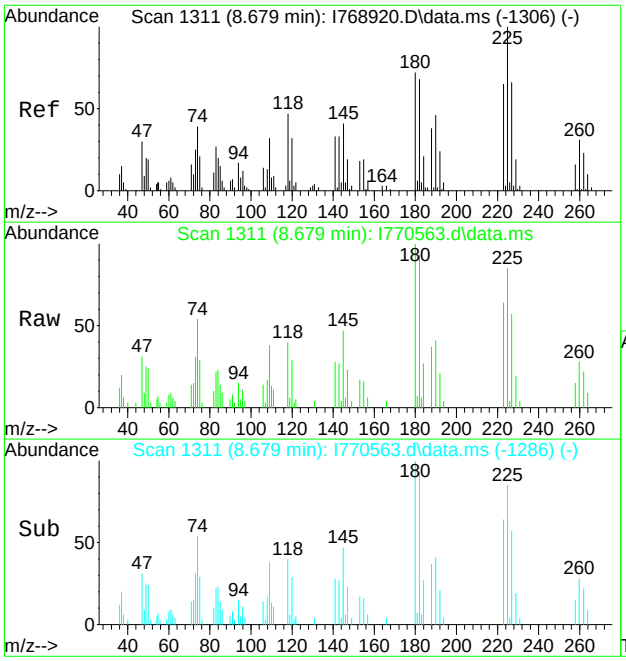


#108
1,2-Dibromo-3-Chloropropane
Concen: 21.5370 ug/L
RT: 8.222 min Scan# 1236
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion: 75 Resp: 6615

Ion	Ratio	Lower	Upper
75	100		
155	73.1	44.6	104.6
157	99.1	64.6	124.6
39	89.7	46.4	106.4

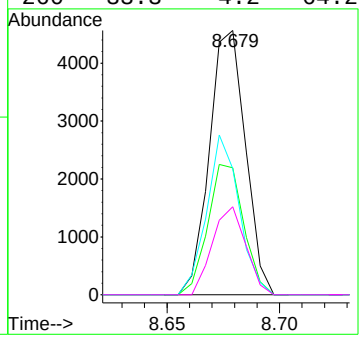


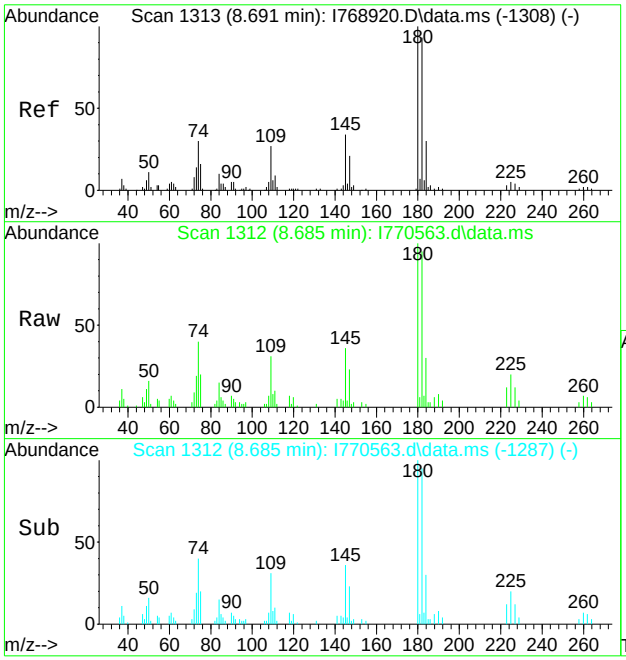


#109
Hexachlorobutadiene
Concen: 20.7681 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:225 Resp: 5118

Ion	Ratio	Lower	Upper
225	100		
190	48.0	14.4	74.4
118	47.8	3.8	63.8
260	33.3	4.2	64.2

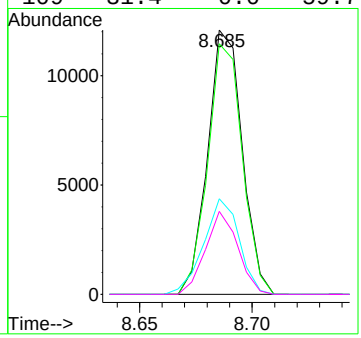


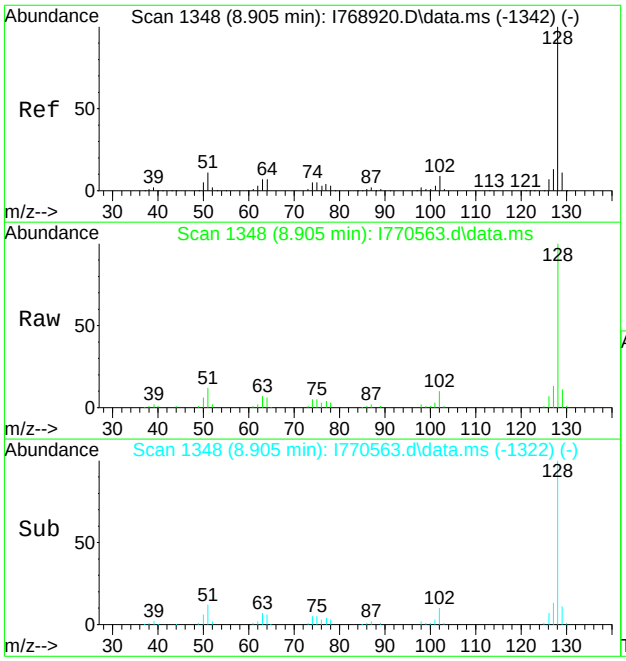


#110
1,2,4-Trichlorobenzene
Concen: 21.4476 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:180 Resp: 12951

Ion	Ratio	Lower	Upper
180	100		
182	94.8	68.0	128.0
145	36.2	4.1	64.1
109	31.4	0.0	59.7

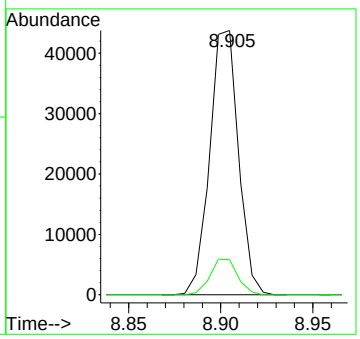


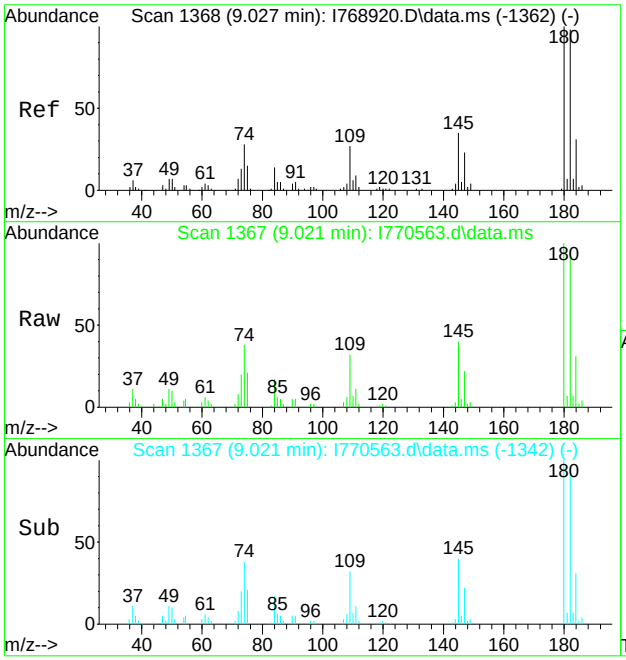


#111
Naphthalene
Concen: 21.6197 ug/L
RT: 8.905 min Scan# 1348
Delta R.T. 0.006 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:128 Resp: 47621

Ion	Ratio	Lower	Upper
128	100		
127	13.3	0.0	42.5

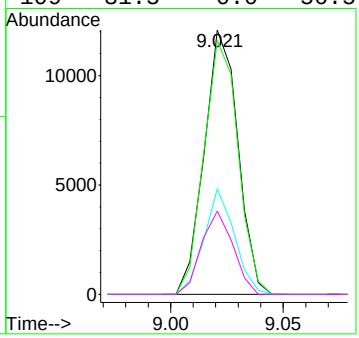




#112
1,2,3-Trichlorobenzene
Concen: 22.5417 ug/L
RT: 9.021 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I770563.d
Acq: 8 Apr 2025 3:51 pm

Tgt Ion:180 Resp: 12612

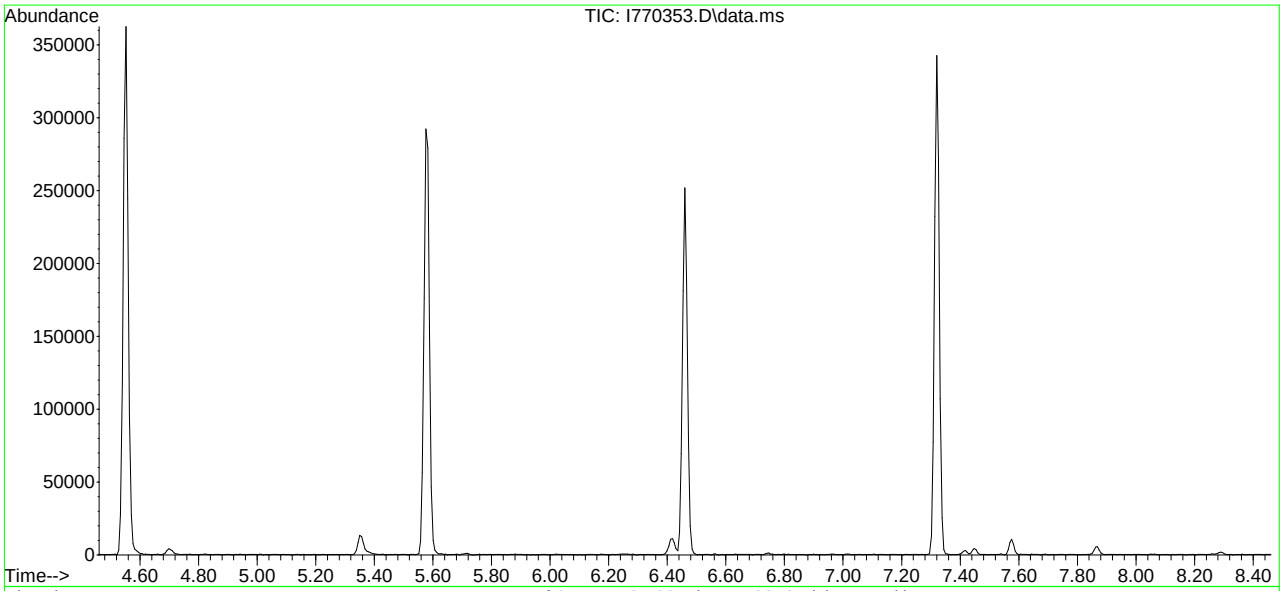
Ion	Ratio	Lower	Upper
180	100		
182	96.1	64.2	124.2
145	40.0	3.1	63.1
109	31.5	0.0	56.5

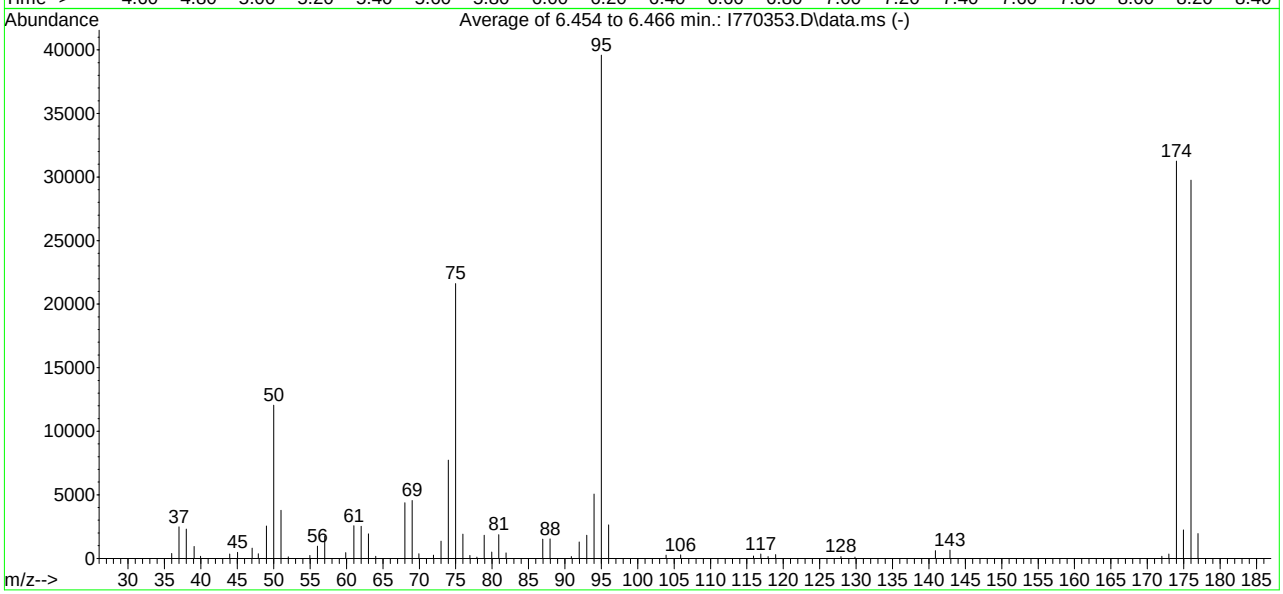


Methods: SW-846 8260D

Data File : C:\msdchem\1\data\03-30-25\I770353.D Vial: 1
Acq On : 30 Mar 2025 11:24 am Operator: jeniferw
Sample : BFB Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 946, 947, 948; Background Corrected with Scan 940

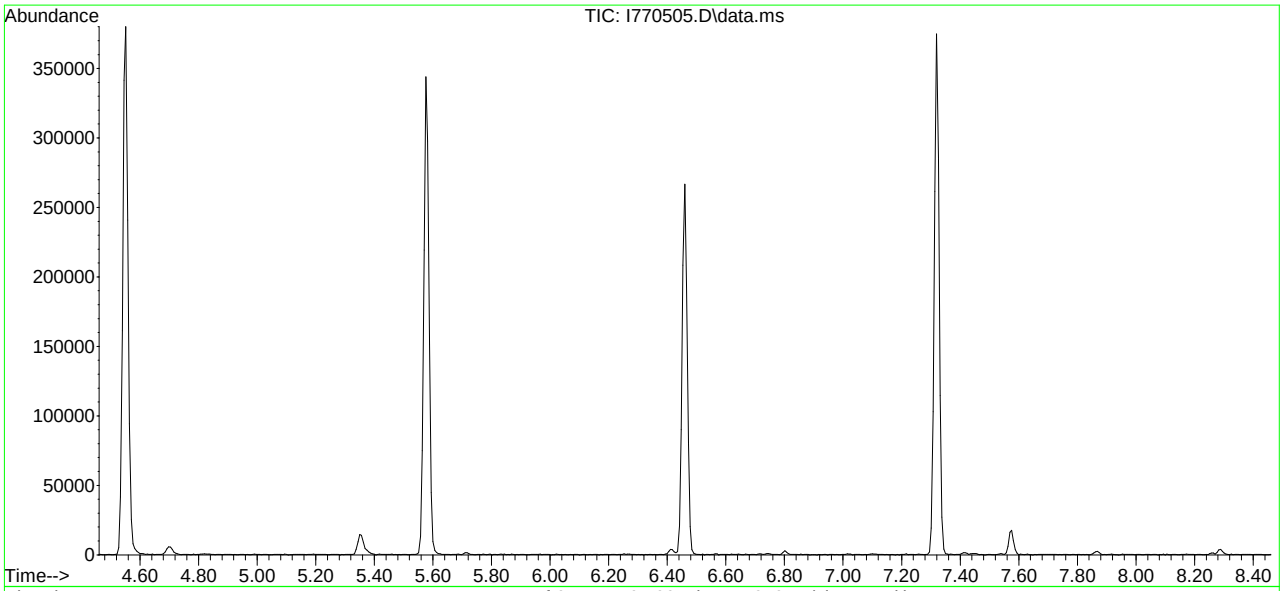
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	39579	PASS
96	95	5	9	6.6	2632	PASS
173	174	0.00	2	1.1	352	PASS
174	95	50	200	79.0	31253	PASS
175	174	5	9	7.1	2231	PASS
176	174	95	105	95.2	29755	PASS
177	176	5	10	6.6	1959	PASS

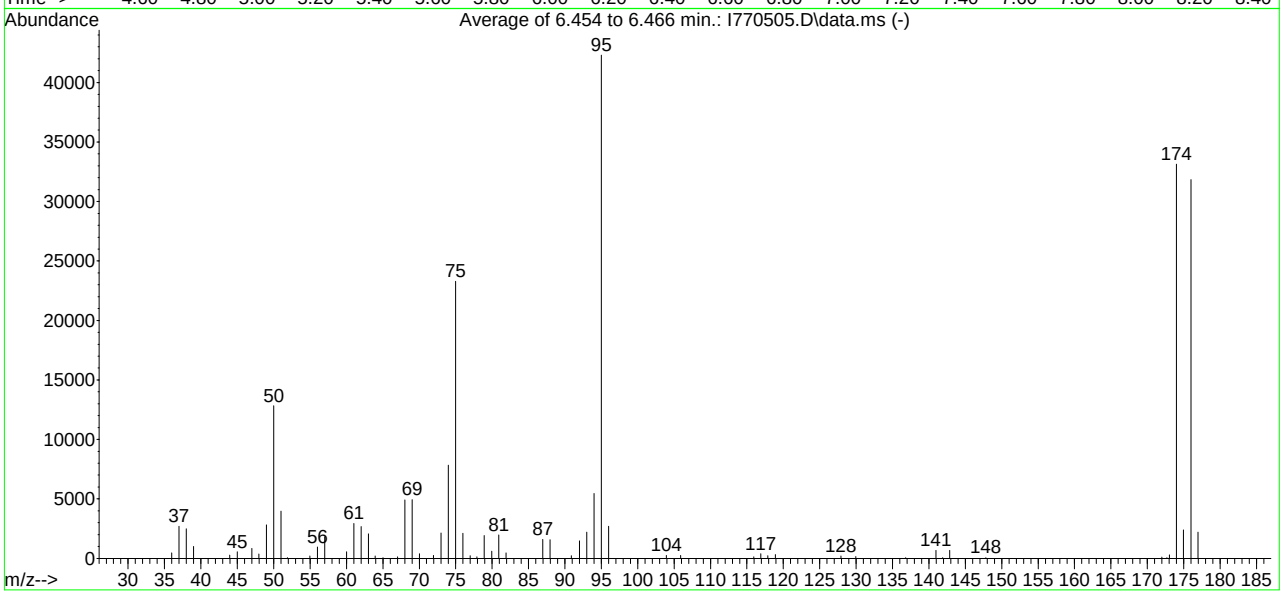
I770353.D VI3517_03302025.M Mon Mar 31 05:44:41 2025

Methods: SW-846 8260D

Data File : C:\msdchem\1\data\04-07-25\I770505.D Vial: 1
Acq On : 7 Apr 2025 8:33 am Operator: jeniferw
Sample : BFB Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 946, 947, 948; Background Corrected with Scan 940

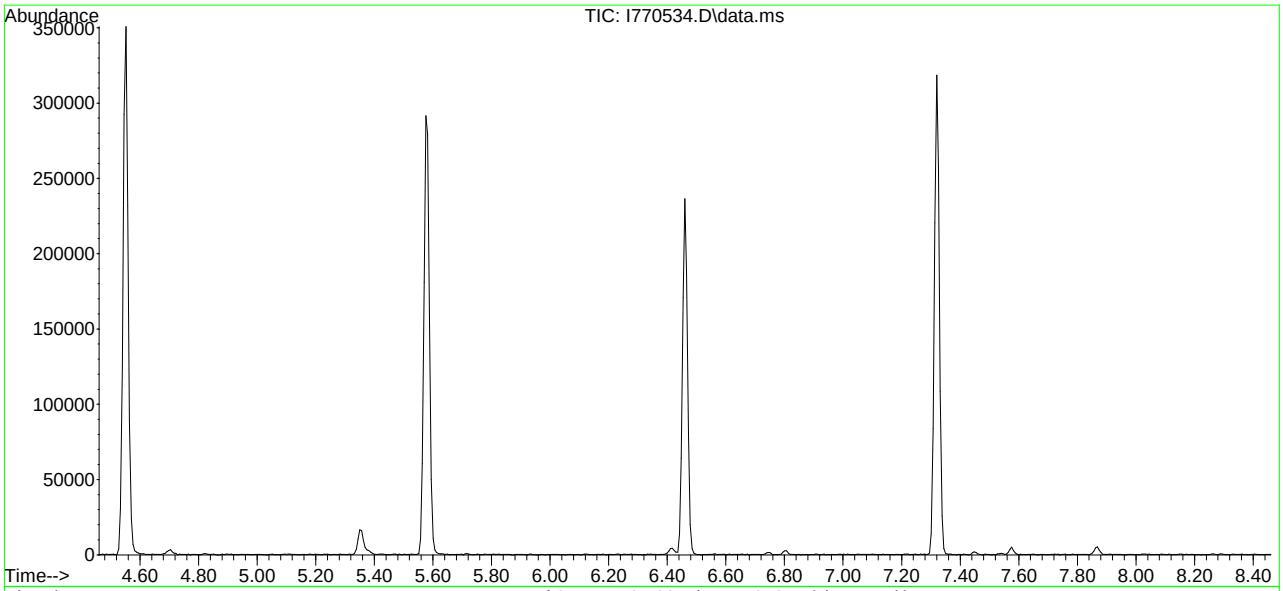
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	42296	PASS
96	95	5	9	6.4	2694	PASS
173	174	0.00	2	0.9	299	PASS
174	95	50	200	78.3	33136	PASS
175	174	5	9	7.2	2401	PASS
176	174	95	105	96.1	31843	PASS
177	176	5	10	6.9	2197	PASS

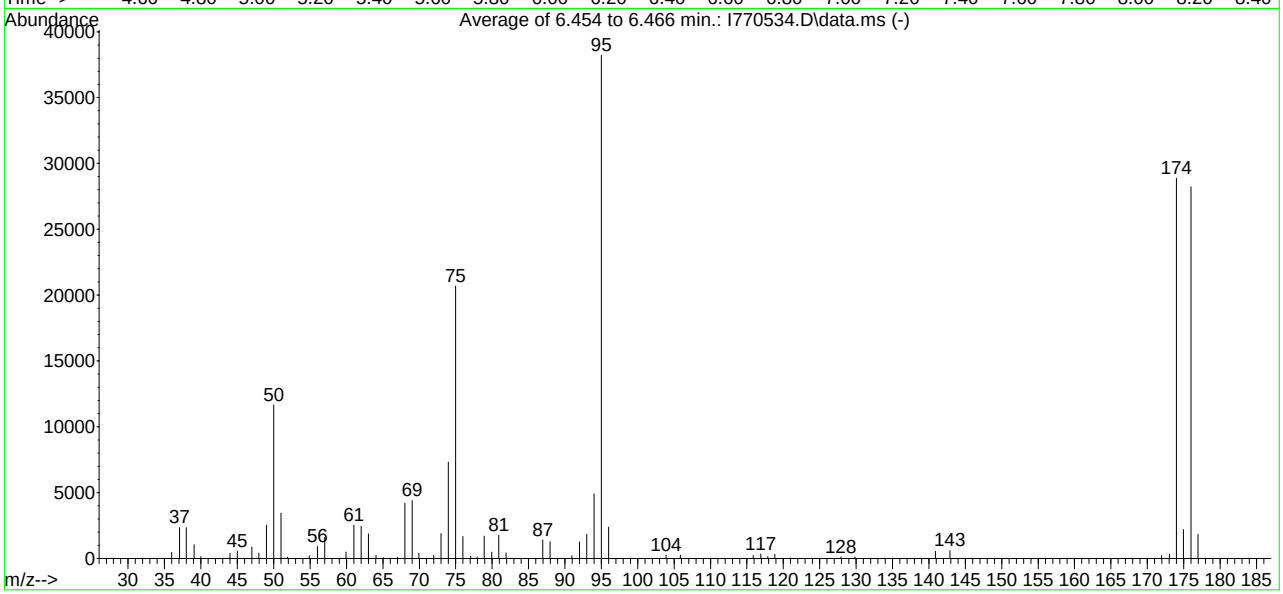
I770505.D VI3517_03302025.M Mon Apr 07 09:43:00 2025

Methods: SW-846 8260D

Data File : C:\msdchem\1\data\04-08-25\I770534.D Vial: 1
Acq On : 8 Apr 2025 7:31 am Operator: jeniferw
Sample : BFB Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3517_03302025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 946, 947, 948; Background Corrected with Scan 940

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	38219	PASS
96	95	5	9	6.2	2368	PASS
173	174	0.00	2	1.2	336	PASS
174	95	50	200	75.6	28891	PASS
175	174	5	9	7.6	2192	PASS
176	174	95	105	97.7	28219	PASS
177	176	5	10	6.4	1812	PASS

I770534.D VI3517_03302025.M Tue Apr 08 08:08:14 2025

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:48:32 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	157015	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	106808	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	58346	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	45928	51.61	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.22%				
49) 1,2-Dichloroethane-d4	3.455	65	65721	56.65	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 113.30%				
63) Toluene-d8	4.552	98	151299	49.02	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.04%				
86) 4-Bromofluorobenzene	6.460	174	43572	51.94	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	635	0.90	ug/L		80
3) Chloromethane	1.211	50	790	0.83	ug/L		93
4) 1,3-butadiene	1.272	39	796m	1.12	ug/L		
5) Vinyl Chloride	1.260	62	694	0.86	ug/L		98
6) Bromomethane	1.455	94	521	1.55	ug/L		78
7) Chloroethane	1.522	64	1206	5.23	ug/L	#	64
8) Trichlorofluoromethane	1.595	101	1075	1.42	ug/L		78
9) Ethyl Ether	1.790	59	762	1.22	ug/L		92
11) 1,2-Dichlorotrifluoroe...	1.894	67	701m	1.15	ug/L		
12) 1,1-Dichloroethene	1.894	61	1246	1.29	ug/L		94
13) Freon 113	1.918	101	495	1.01	ug/L		85
14) Carbon Disulfide	1.912	76	2039	1.36	ug/L		77
16) Acrolein	2.083	56	1467	5.38	ug/L		90
17) Allyl chloride	2.150	41	1516	1.36	ug/L		89
18) Methylene Chloride	2.211	49	2059	2.08	ug/L		79
19) Acetone	2.241	43	4171	8.64	ug/L		98
20) Methyl acetate	2.302	43	9164	6.64	ug/L		89
21) trans-1,2-Dichloroethene	2.296	61	1132	1.19	ug/L		91
22) Hexane	2.339	56	728	1.21	ug/L	#	55
23) Methyl Tert Butyl Ether	2.363	73	2012	1.14	ug/L	#	69
24) Acetonitrile	2.491	41	4936m	21.02	ug/L		
25) Tert Butyl Alcohol	2.412	59	5506	14.35	ug/L		92
26) Di-isopropyl ether	2.558	45	2798	1.08	ug/L		91
27) Chloroprene	2.650	53	3698	1.11	ug/L		83
28) 1,1-Dichloroethane	2.632	63	1220	1.02	ug/L		81
29) Acrylonitrile	2.656	52	2942	5.47	ug/L	#	67
30) ETBE	2.753	59	2316	0.97	ug/L		96
31) Vinyl acetate	2.753	43	12037	5.25	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	498	0.88	ug/L		96
33) 2,2-Dichloropropane	2.979	77	973	1.16	ug/L		78
34) Bromochloromethane	3.028	128	152m	0.54	ug/L		
35) Cyclohexane	3.028	56	1120	0.87	ug/L	#	82
36) Chloroform	3.058	83	1216	1.15	ug/L		89
37) Ethyl acetate	3.119	43	9832	5.58	ug/L		93
38) Tetrahydrofuran	3.150	42	1084m	1.60	ug/L		
40) Carbon Tetrachloride	3.144	117	788	1.05	ug/L		85
41) 1,1,1-Trichloroethane	3.180	97	832	0.99	ug/L		96
42) 2-Butanone	3.229	43	6206	6.06	ug/L		92
43) 1,1-Dichloropropene	3.247	75	595	0.89	ug/L		87
44) tert-Butyl formate	3.308	59	3824	5.58	ug/L		91
45) Propionitrile	3.394	54	3074	10.23	ug/L	#	23
46) Methacrylonitrile	3.400	41	9748	10.83	ug/L		92

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Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

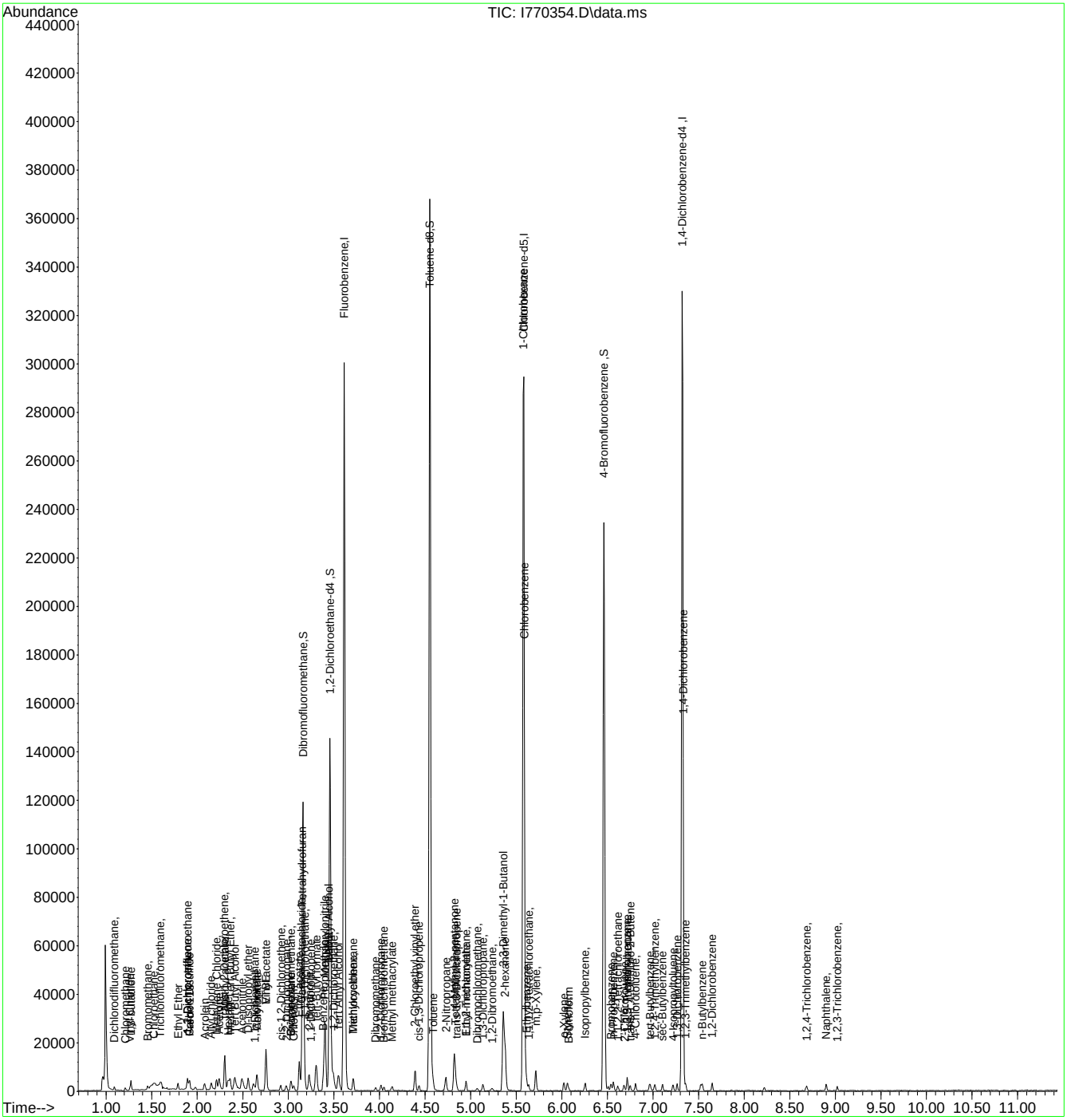
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Benzene	3.381	78	2164	1.02	ug/L		81
48) TAME	3.442	73	1578	0.92	ug/L		75
50) 1,2-Dichloroethane	3.497	62	1129	1.16	ug/L		88
51) Isobutyl Alcohol	3.442	43	892	26.53	ug/L		60
52) Tert Amyl Alcohol	3.546	59	3604	11.48	ug/L		81
53) Trichloroethene	3.711	95	594	1.01	ug/L		96
54) Methylcyclohexane	3.711	83	658	0.78	ug/L	#	60
55) Dibromomethane	3.954	93	419	0.99	ug/L	#	79
56) 1,2-Dichloropropane	4.015	63	652	0.96	ug/L		85
57) Bromodichloromethane	4.046	83	787	0.99	ug/L		98
58) Methyl methacrylate	4.137	41	927	0.92	ug/L	#	73
60) 2-Chloroethyl vinyl ether	4.387	63	2456	4.42	ug/L		82
61) cis-1,3-Dichloropropene	4.430	75	944	1.03	ug/L		70
64) Toluene	4.589	91	2057	0.92	ug/L		98
65) 2-Nitropropane	4.729	41	2539	6.41	ug/L		89
66) 4-Methyl-2-pentanone	4.820	43	8766	5.45	ug/L		95
67) trans-1,3-Dichloropropene	4.845	75	893	1.00	ug/L		80
68) Tetrachloroethene	4.832	166	409	0.77	ug/L		83
69) Ethyl methacrylate	4.948	69	553	0.66	ug/L	#	67
70) 1,1,2-Trichloroethane	4.948	83	462	0.97	ug/L		92
71) Dibromochloromethane	5.070	129	644	1.07	ug/L		84
72) 1,3-Dichloropropane	5.131	76	978	1.02	ug/L	#	71
73) 1,2-Dibromoethane	5.235	107	601	0.97	ug/L		85
74) 3,3-Dimethyl-1-Butanol	5.357	57	14498	45.04	ug/L		85
75) 2-hexanone	5.375	43	9866	5.45	ug/L		90
76) 1-Chlorohexane	5.576	91	813m	1.08	ug/L		
77) Ethylbenzene	5.613	91	2419m	1.00	ug/L		
78) Chlorobenzene	5.588	112	1535	1.08	ug/L	#	61
79) 1,1,1,2-Tetrachloroethane	5.637	131	646	1.23	ug/L		85
80) m,p-Xylene	5.716	91	3648	1.95	ug/L		99
81) o-Xylene	6.021	91	1721	0.92	ug/L		95
82) Styrene	6.058	104	1269	0.91	ug/L		88
83) Bromoform	6.076	173	457	1.05	ug/L		89
84) Isopropylbenzene	6.253	105	1907	0.87	ug/L		93
88) n-Propylbenzene	6.564	91	2600	0.96	ug/L		95
89) Bromobenzene	6.539	156	684	1.20	ug/L		93
90) 1,1,2,2-Tetrachloroethane	6.612	83	1011	1.03	ug/L		91
91) 1,3,5-Trimethylbenzene	6.716	105	1620	0.88	ug/L		96
92) 2-Chlorotoluene	6.686	91	1593	1.04	ug/L		92
93) trans-1,4-Dichloro-2-B...	6.753	53	442	1.04	ug/L	#	66
94) 1,2,3-Trichloropropane	6.716	110	286m	0.97	ug/L		
96) 4-Chlorotoluene	6.808	91	1606	0.95	ug/L		85
97) tert-Butylbenzene	6.966	91	880	0.85	ug/L		82
98) 1,2,4-Trimethylbenzene	7.021	105	1617	0.86	ug/L		94
100) sec-Butylbenzene	7.100	105	1856	0.86	ug/L		94
101) 4-Isopropyltoluene	7.222	119	1465	0.82	ug/L		93
102) 1,3-Dichlorobenzene	7.265	146	1029	0.95	ug/L		91
103) 1,2,3-Trimethylbenzene	7.356	105	1741	0.89	ug/L		97
104) 1,4-Dichlorobenzene	7.332	146	1228m	1.10	ug/L		
105) n-Butylbenzene	7.539	92	861	0.85	ug/L	#	68
107) 1,2-Dichlorobenzene	7.649	146	1008	0.95	ug/L		96
110) 1,2,4-Trichlorobenzene	8.685	180	566	0.92	ug/L		85
111) Naphthalene	8.899	128	2005	0.87	ug/L		99
112) 1,2,3-Trichlorobenzene	9.021	180	454	0.80	ug/L	#	82

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:48:32 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VI3517-IC3517
Lab FileID: I770354.D
Injection Time: 03/30/25 11:48

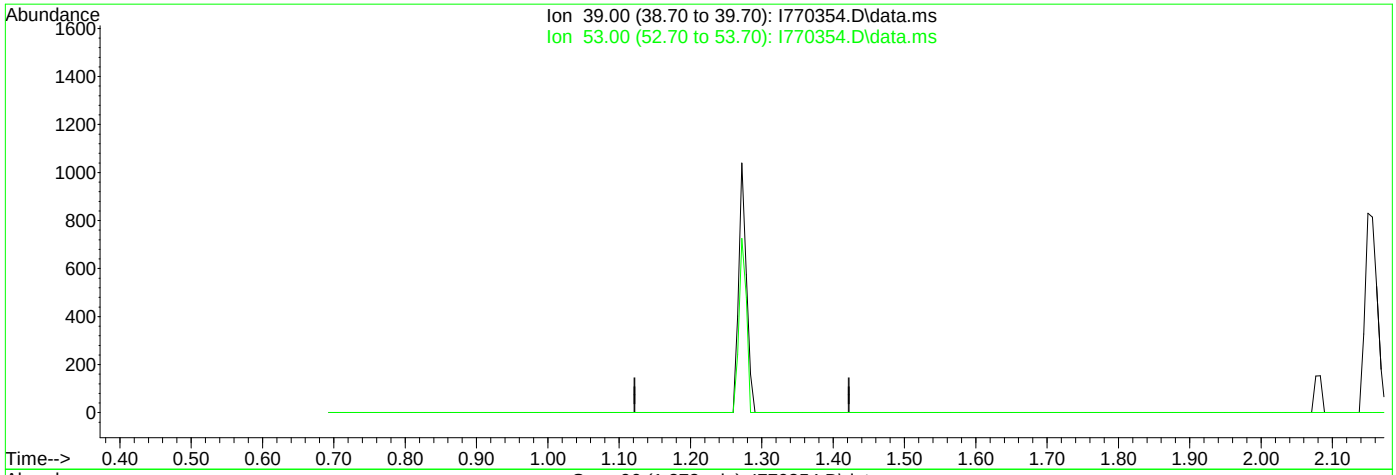
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

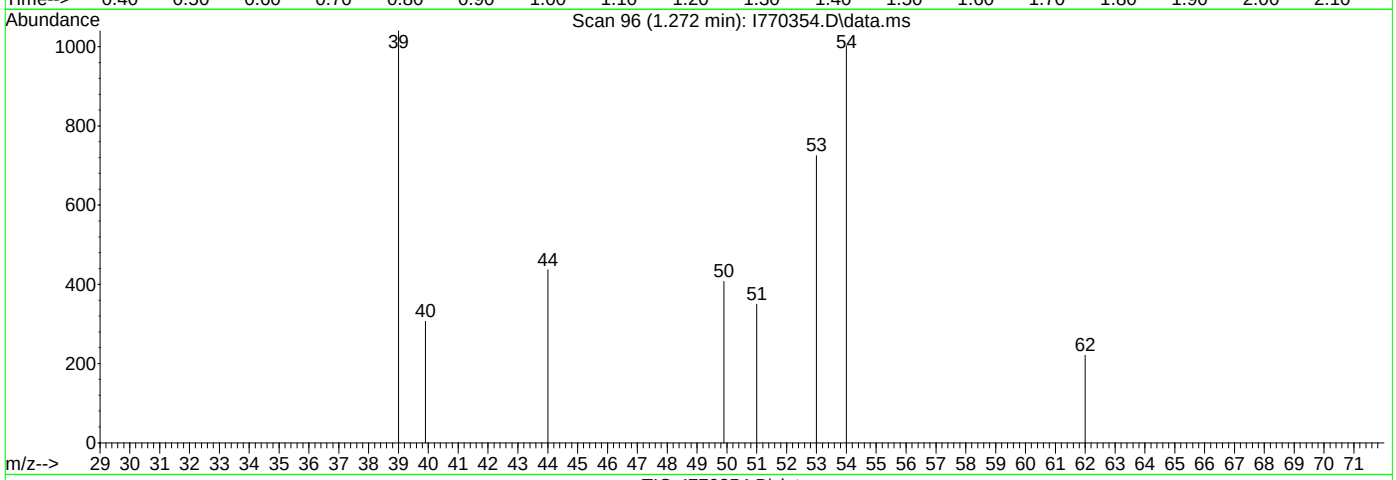
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Missed peak
1,2-Dichlorotrifluoroethane	354-23-4		1.89	Missed peak
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Bromochloromethane	74-97-5		3.03	Missed peak
Tetrahydrofuran	109-99-9		3.15	Missed peak
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,2,3-Trichloropropane	96-18-4		6.72	Missed peak
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

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Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
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ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
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TIC: I770354.D\data.ms

(4) 1,3-butadiene

1.272min (-1.272) 0.00ug/L

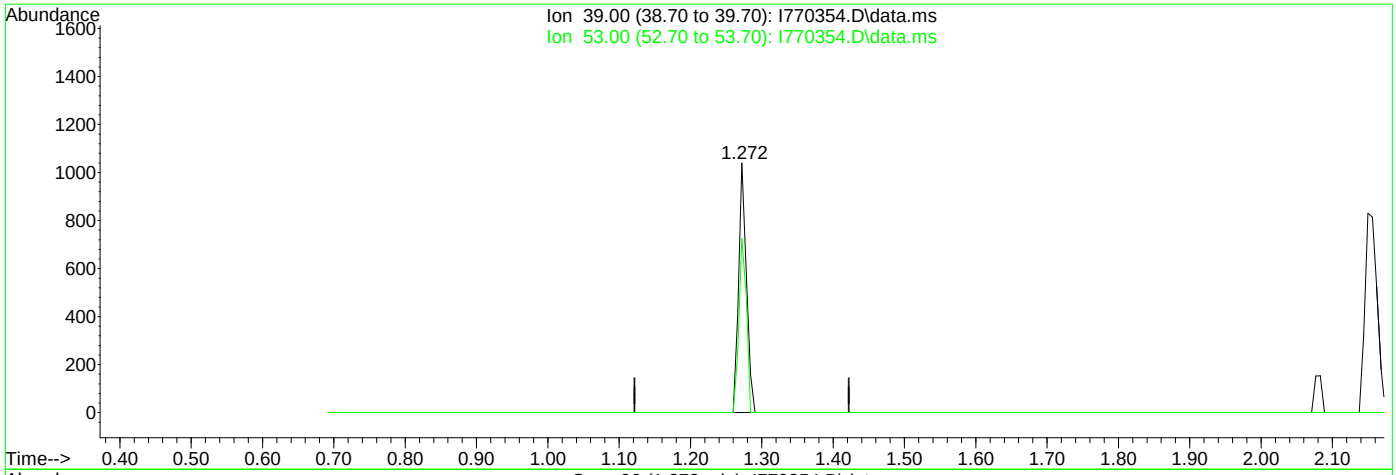
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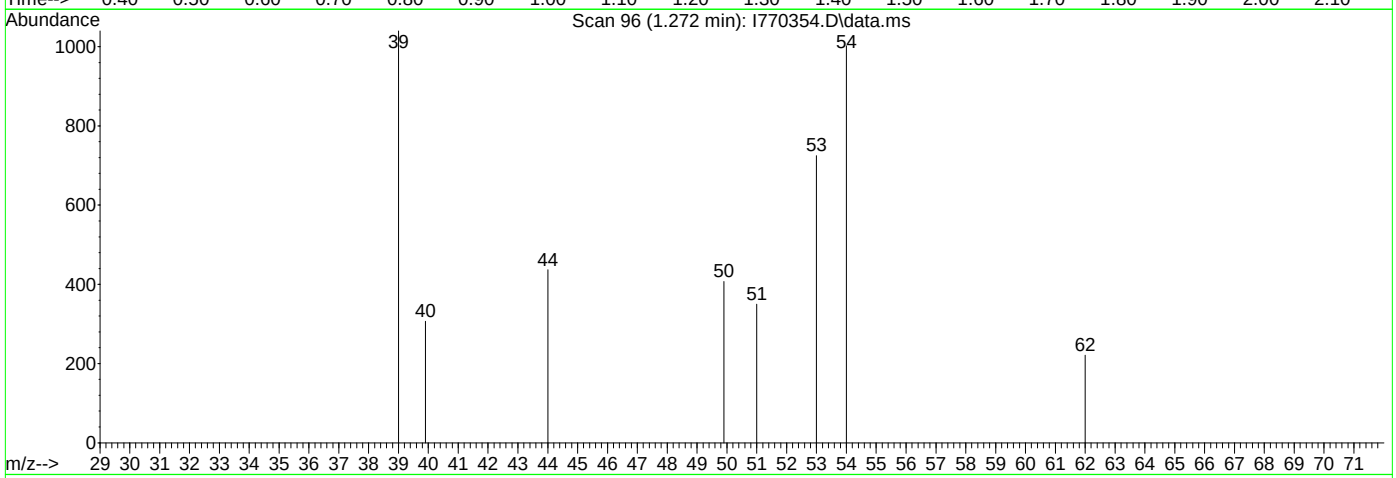
Ion	Exp%	Act%
39.00	100	0.00
53.00	72.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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TIC: I770354.D\data.ms

(4) 1,3-butadiene

1.272min (+0.000) 1.12ug/L m

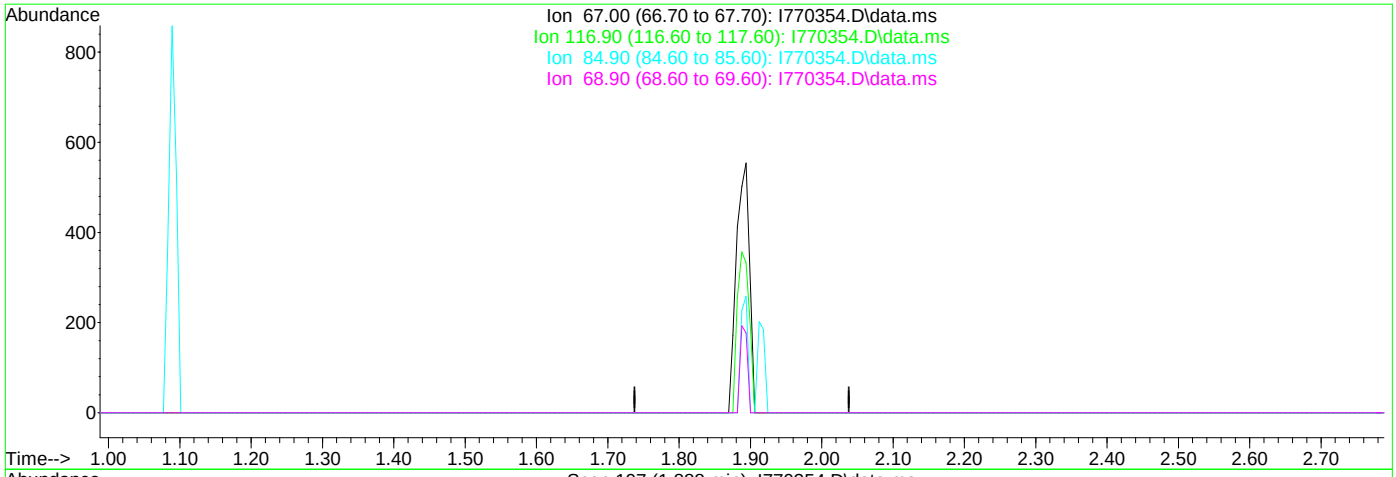
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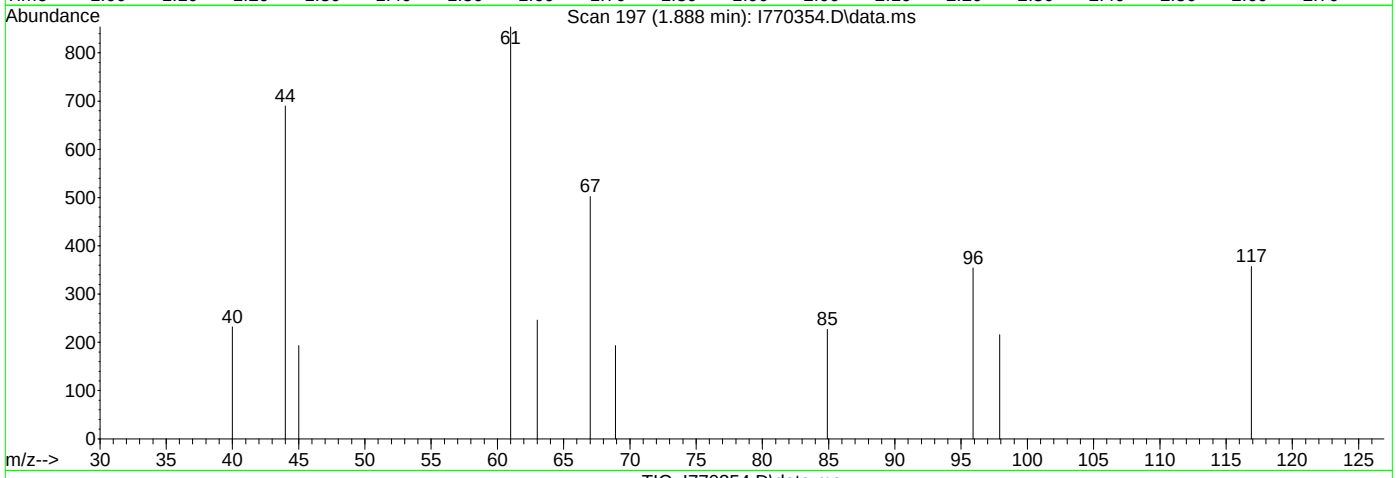
Ion	Exp%	Act%
39.00	100	100
53.00	72.10	69.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
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TIC: I770354.D\data.ms

(11) 1,2-Dichlorotrifluoroethane

1.888min (-1.888) 0.00ug/L

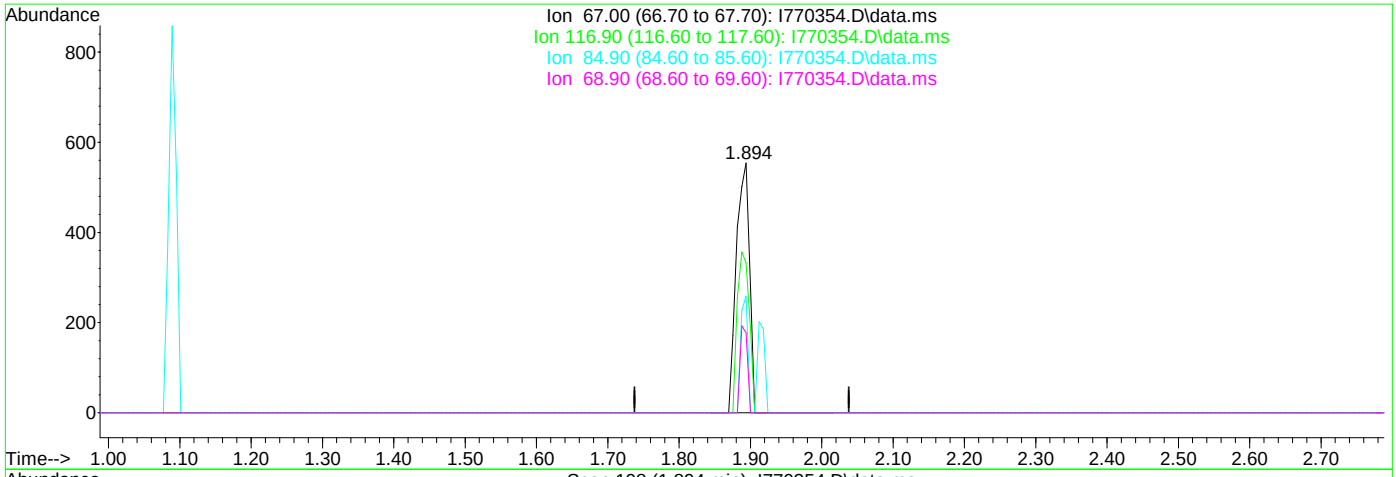
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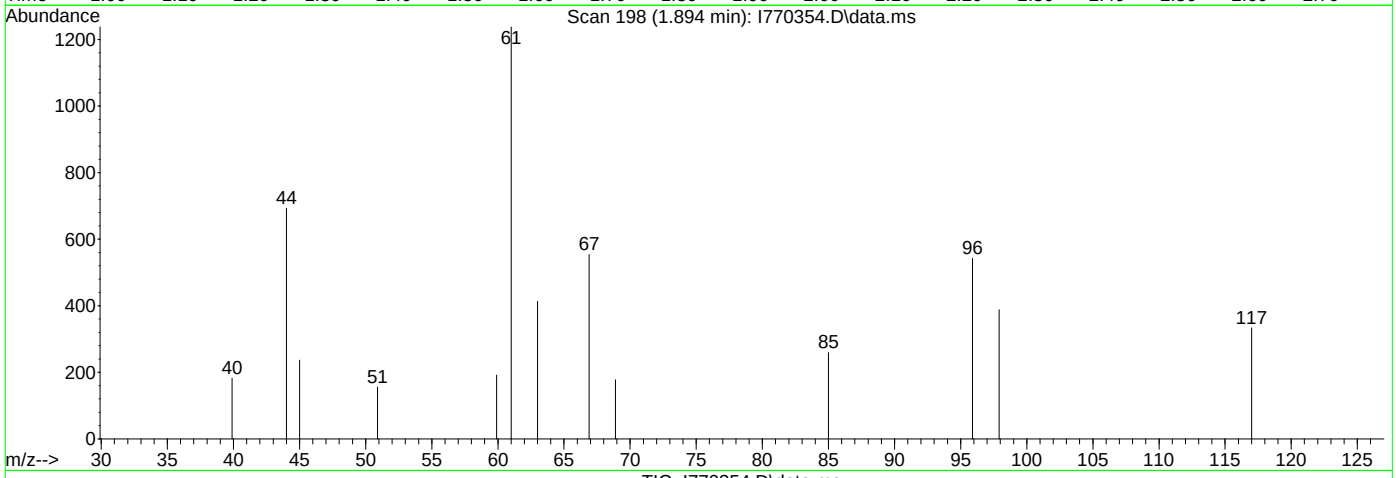
Ion	Exp%	Act%
67.00	100	0.00
116.90	64.40	0.00#
84.90	39.80	0.00#
68.90	31.90	0.00#

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TIC: I770354.D\data.ms

(11) 1,2-Dichlorotrifluoroethane

1.894min (+0.006) 1.15ug/L m

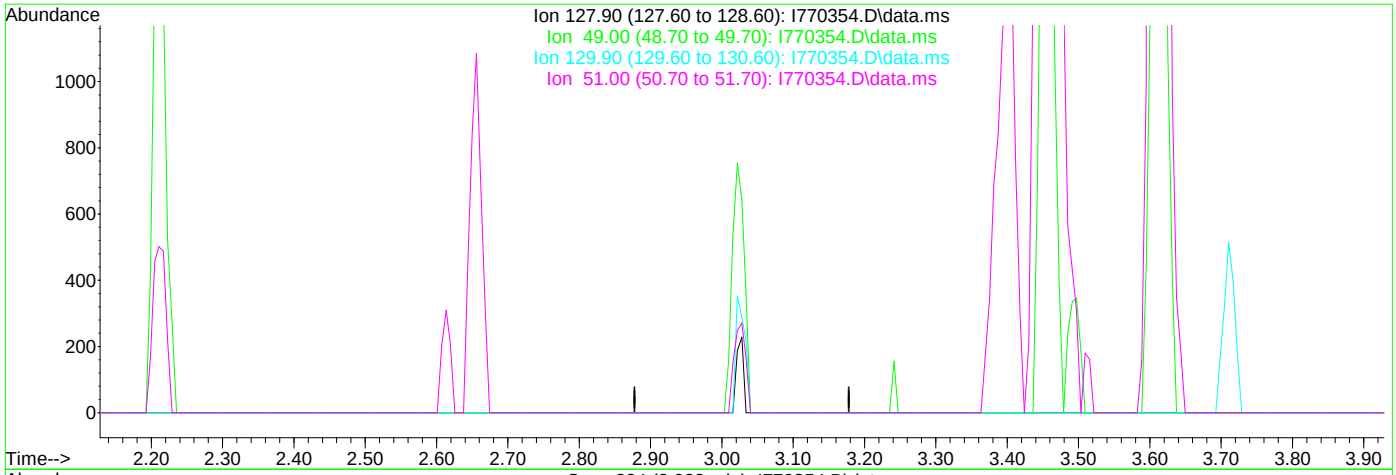
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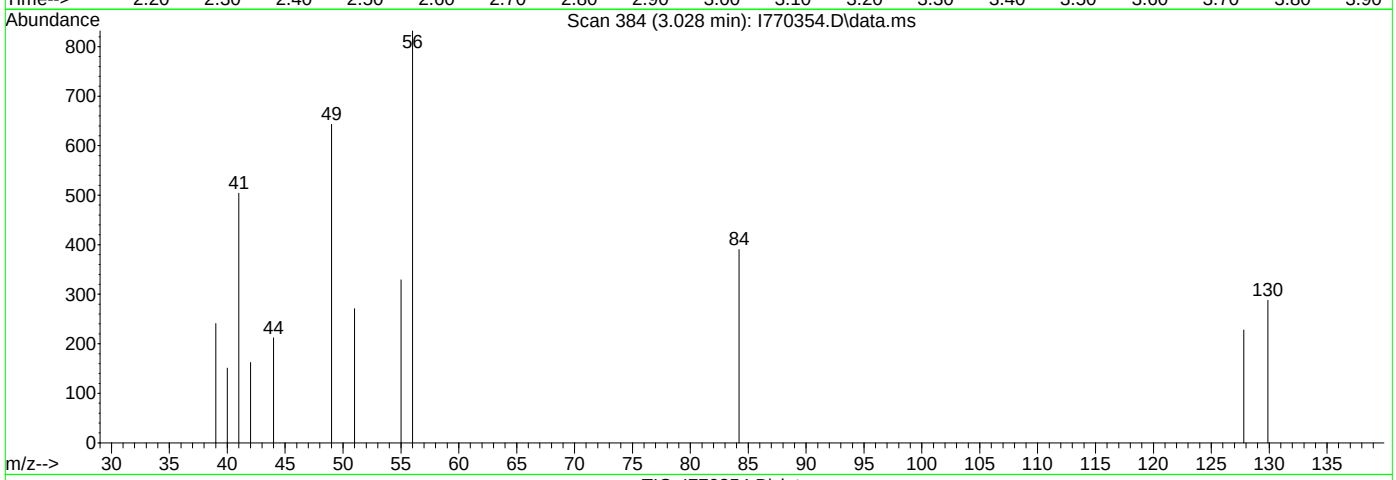
Ion	Exp%	Act%
67.00	100	100
116.90	64.40	60.11
84.90	39.80	46.75
68.90	31.90	31.95

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TIC: I770354.D\data.ms

(34) Bromochloromethane ( )

3.028min (-3.028) 0.00ug/L

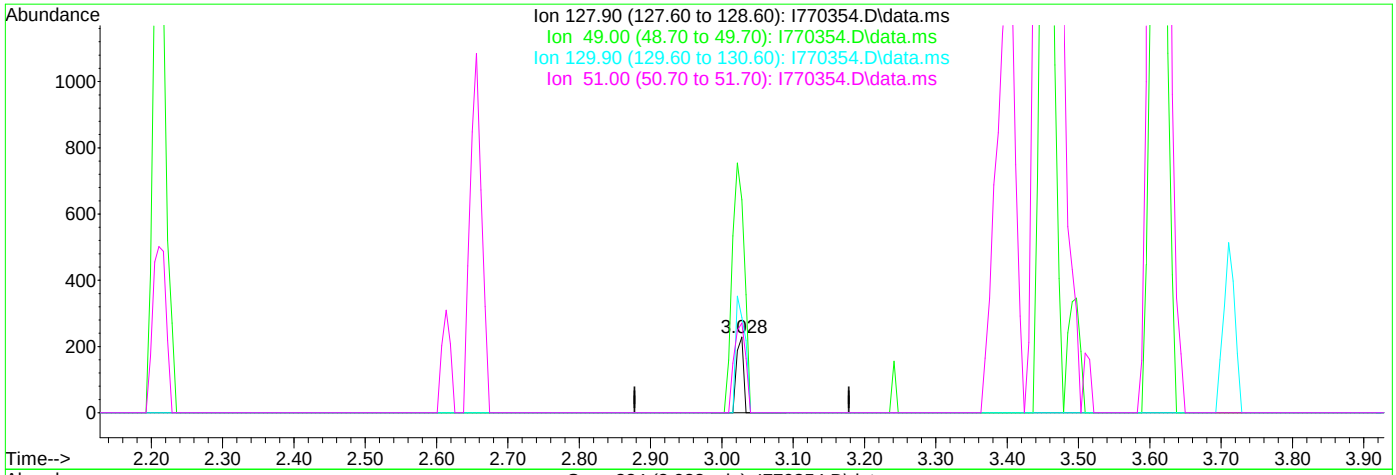
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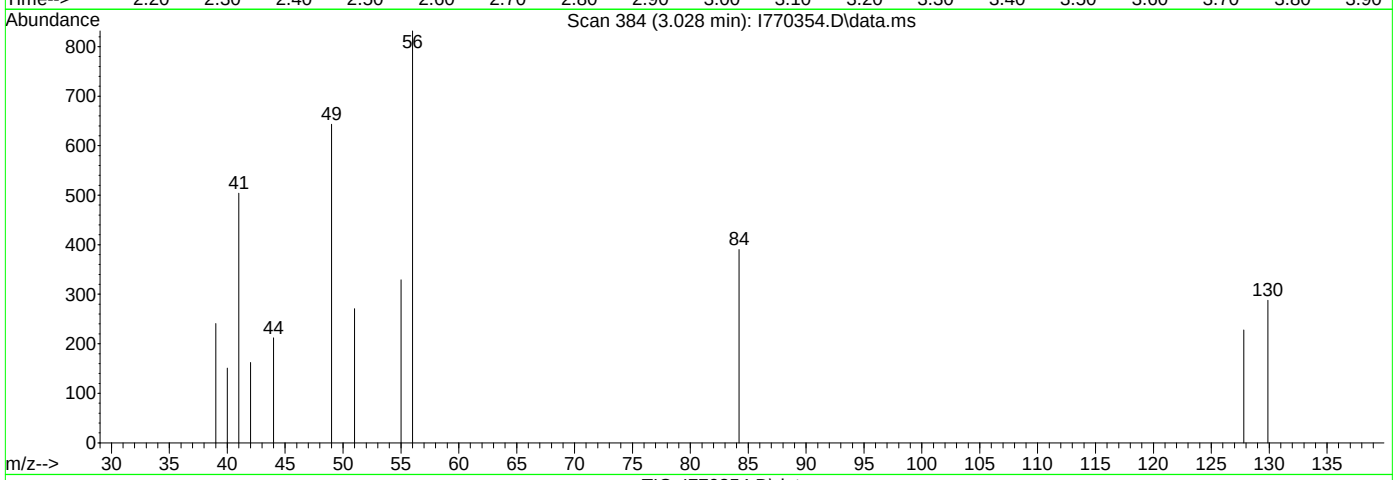
Ion	Exp%	Act%
127.90	100	0.00
49.00	187.00	0.00#
129.90	124.70	0.00#
51.00	60.20	0.00#

Quantitation Report (Qedit)

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TIC: I770354.D\data.ms

(34) Bromochloromethane ( )

3.028min (-0.000) 0.54ug/L m

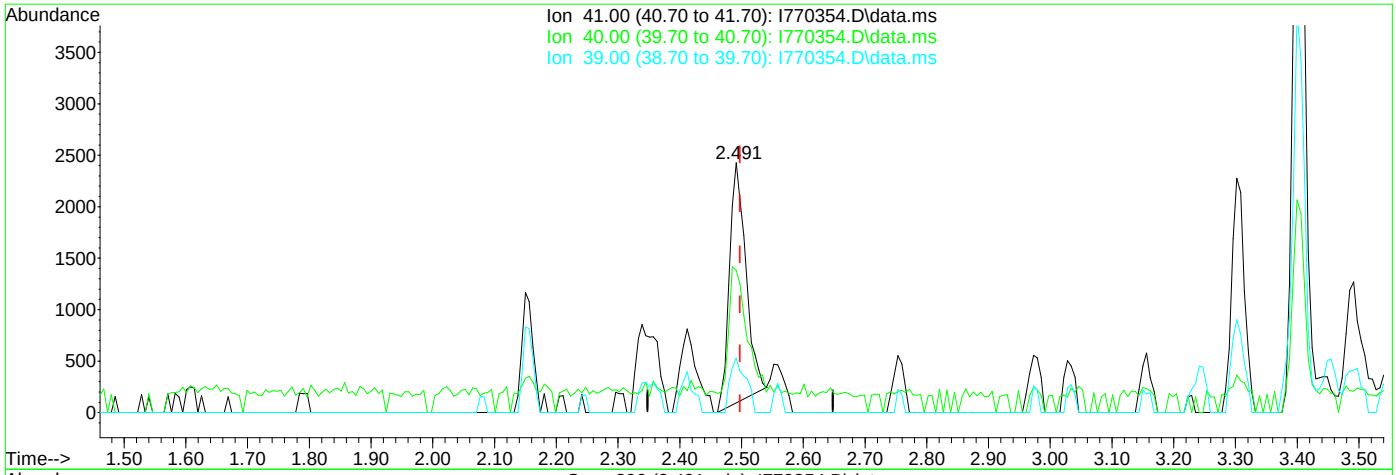
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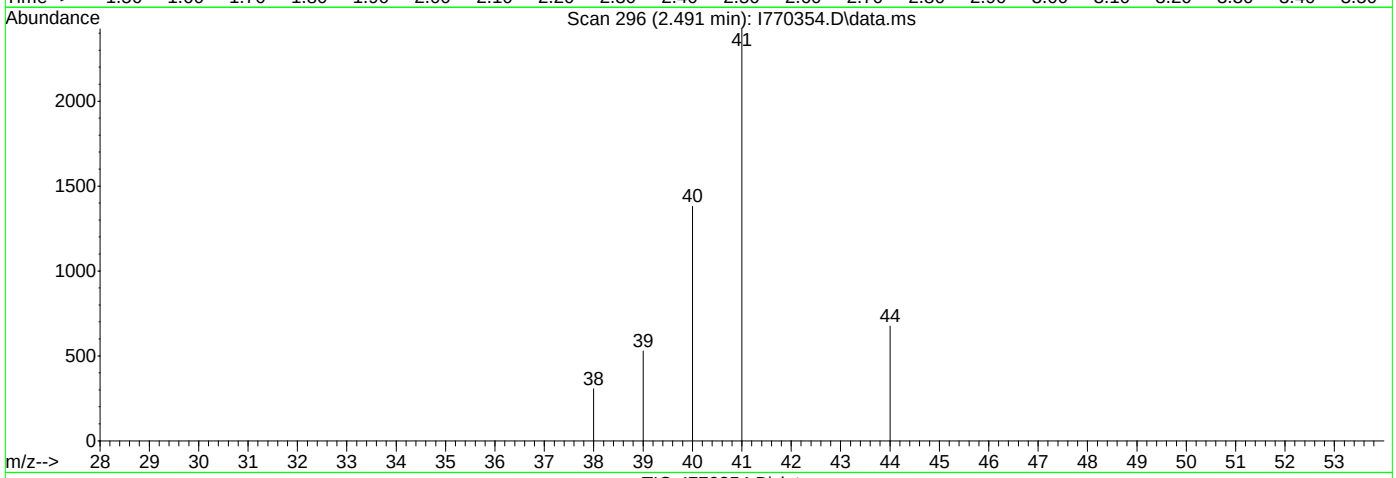
Ion	Exp%	Act%
127.90	100	100
49.00	187.00	282.02#
129.90	124.70	126.32
51.00	60.20	118.86#

Quantitation Report (Qedit)

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TIC: I770354.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 18.57ug/L

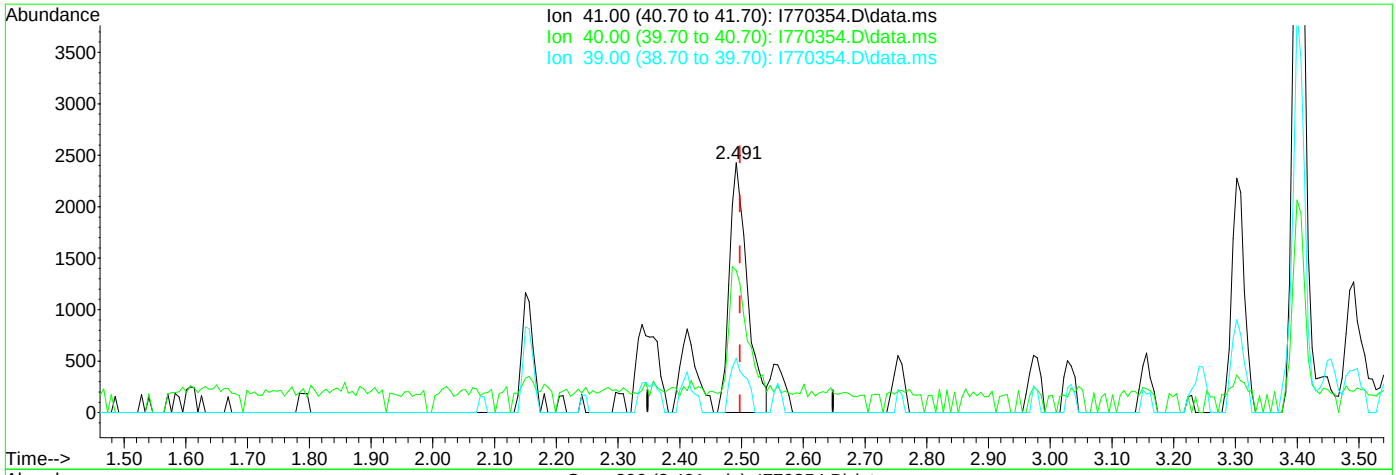
response 4360

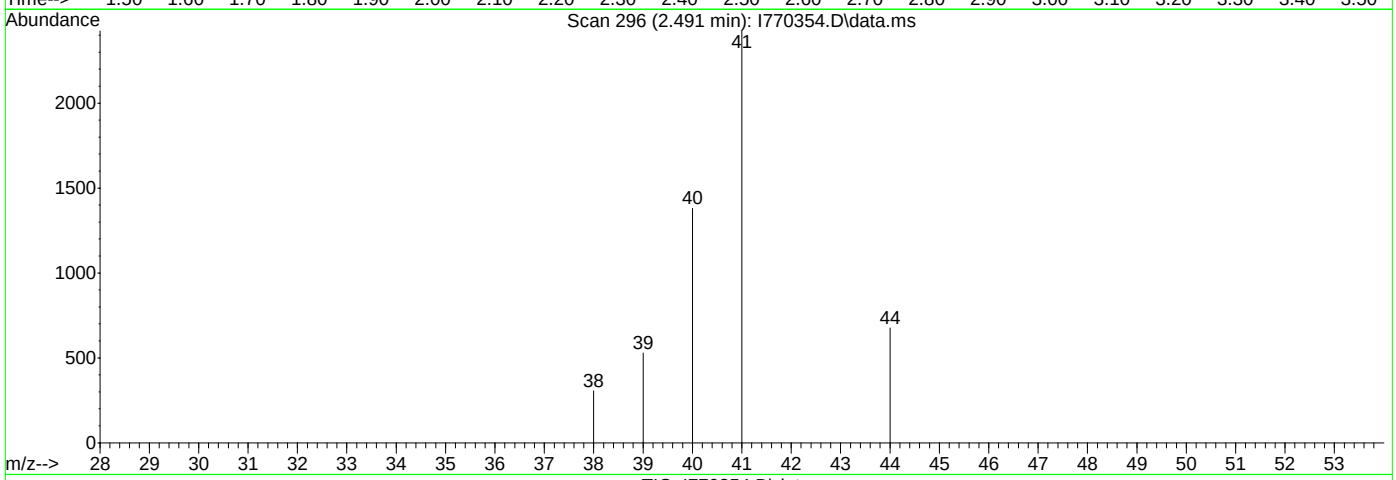
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	49.26
39.00	20.00	21.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 21.02ug/L m

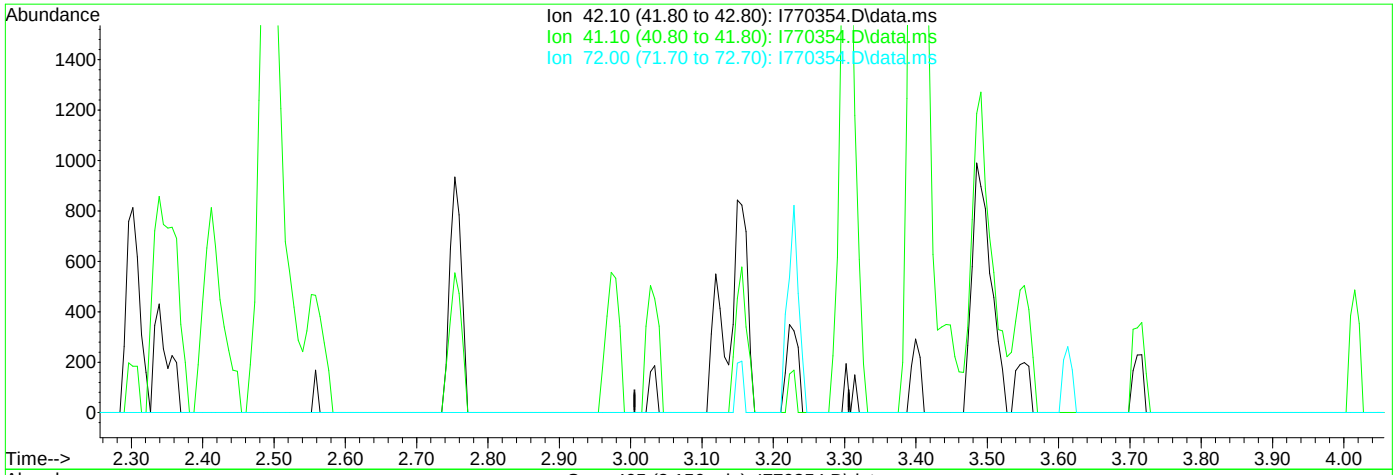
response 4936

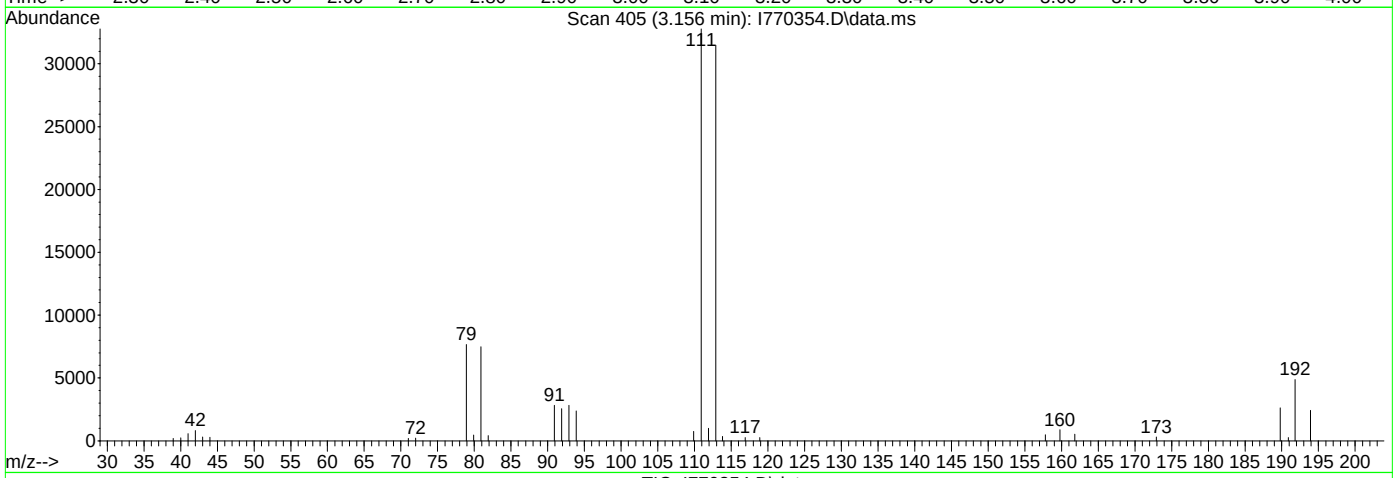
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	56.92
39.00	20.00	21.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(38) Tetrahydrofuran

3.156min (-3.156) 0.00ug/L

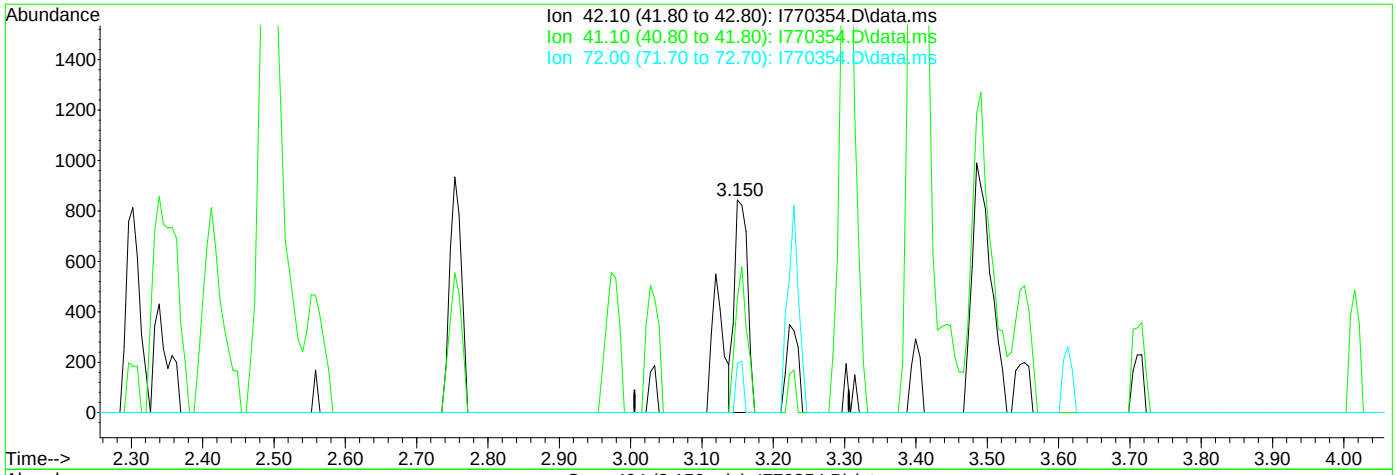
response 0

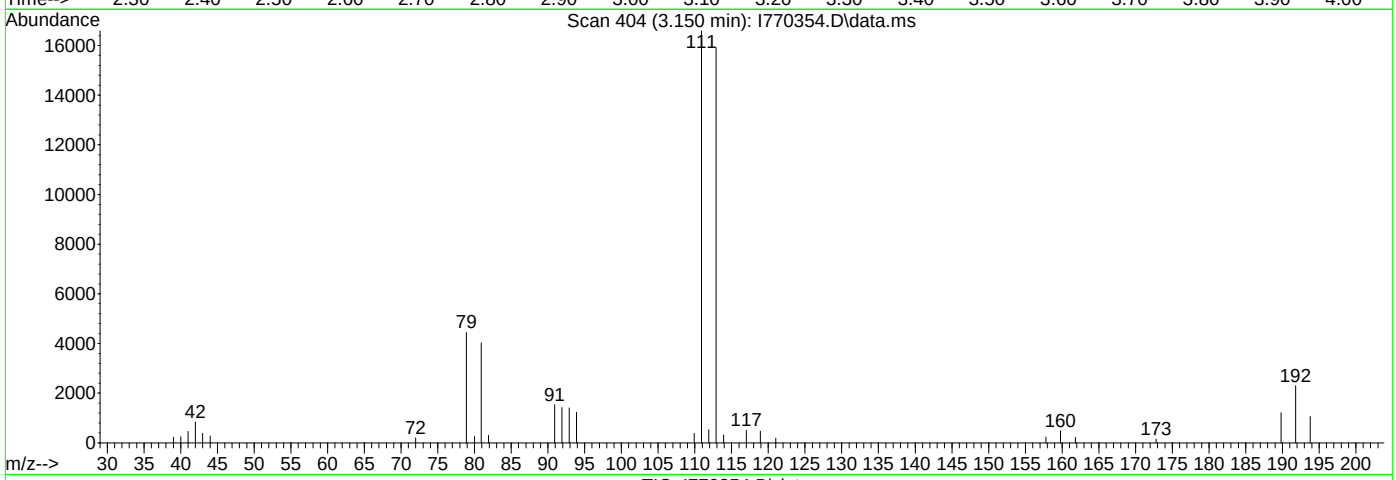
Ion	Exp%	Act%
42.10	100	0.00
41.10	57.60	0.00#
72.00	36.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(38) Tetrahydrofuran

3.150min (-0.006) 1.60ug/L m

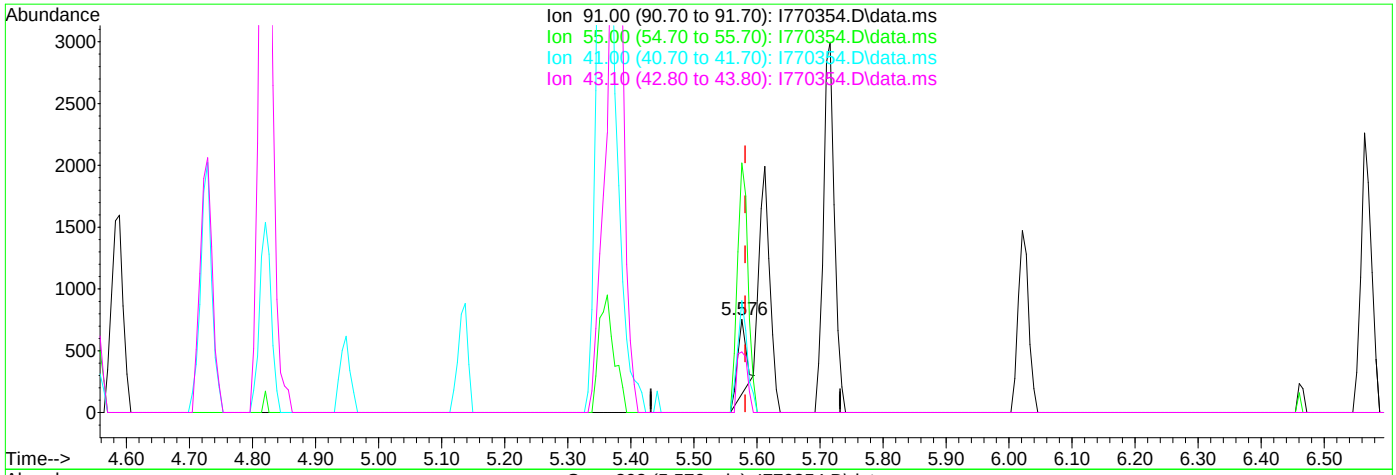
response 1084

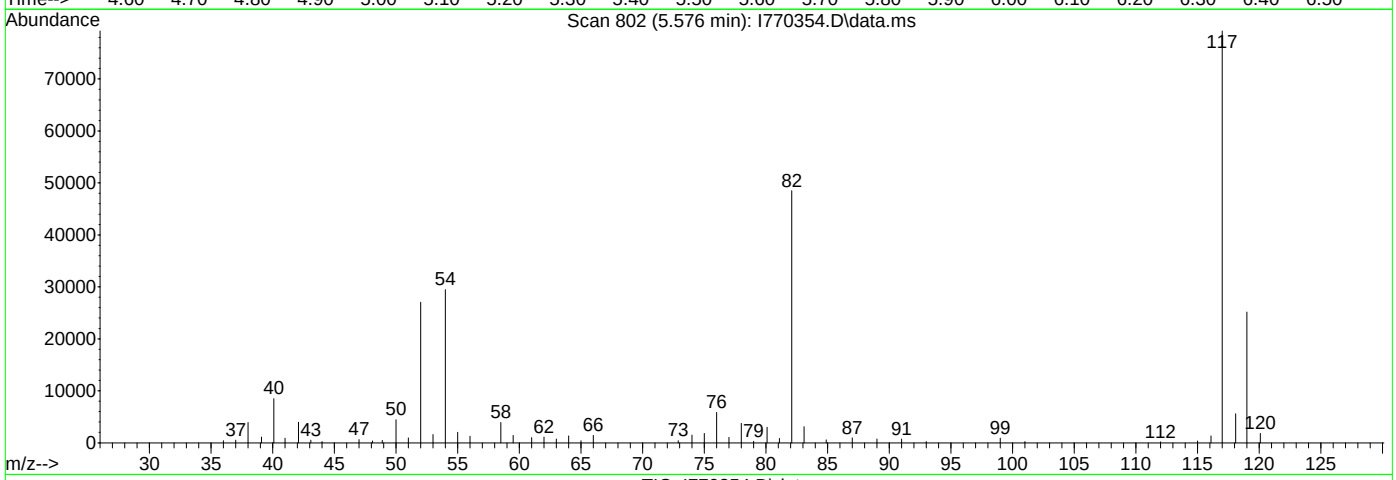
Ion	Exp%	Act%
42.10	100	100
41.10	57.60	53.74
72.00	36.50	23.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 0.78ug/L

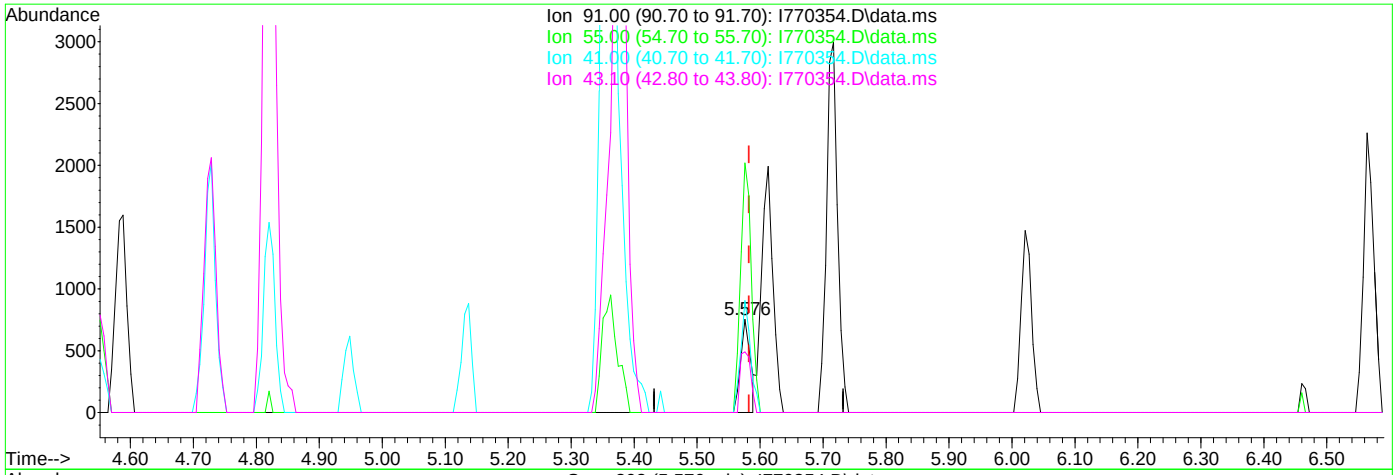
response 593

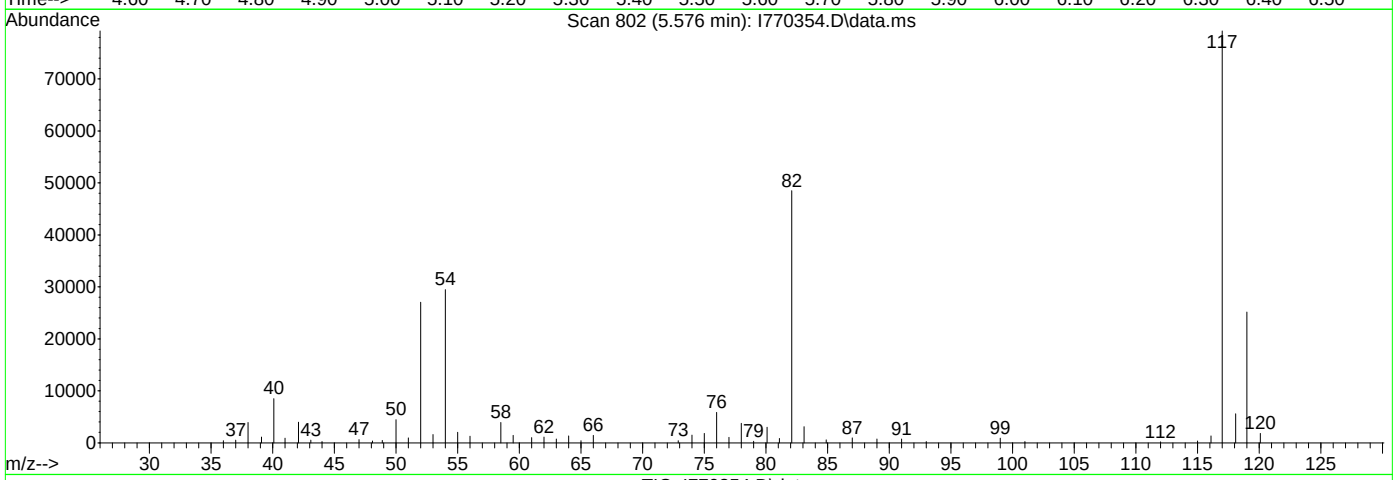
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	268.26#
41.00	64.20	120.32#
43.10	52.80	65.07

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 1.08ug/L m

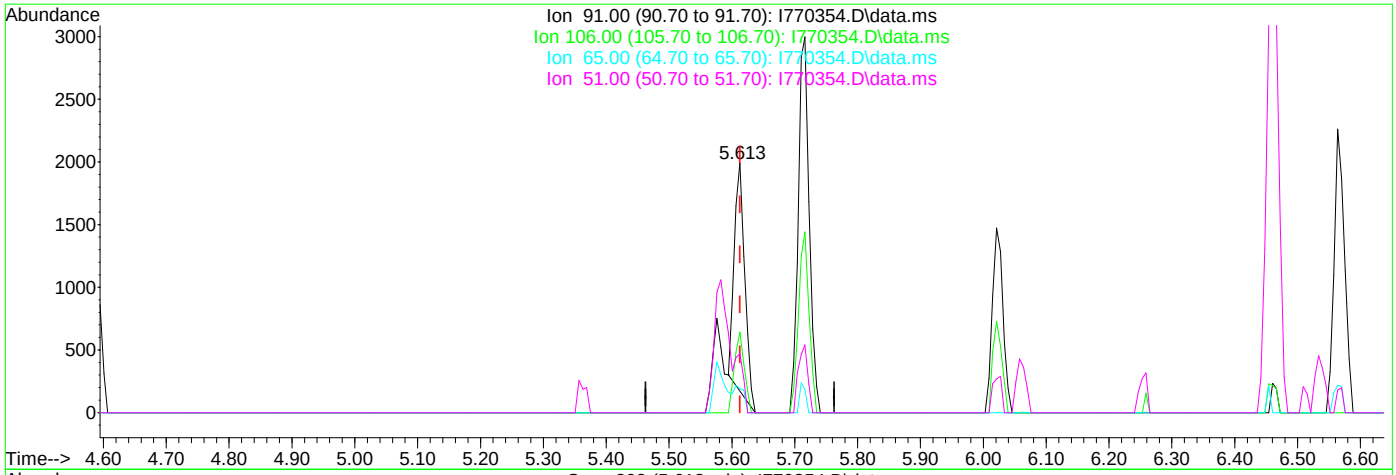
response 813

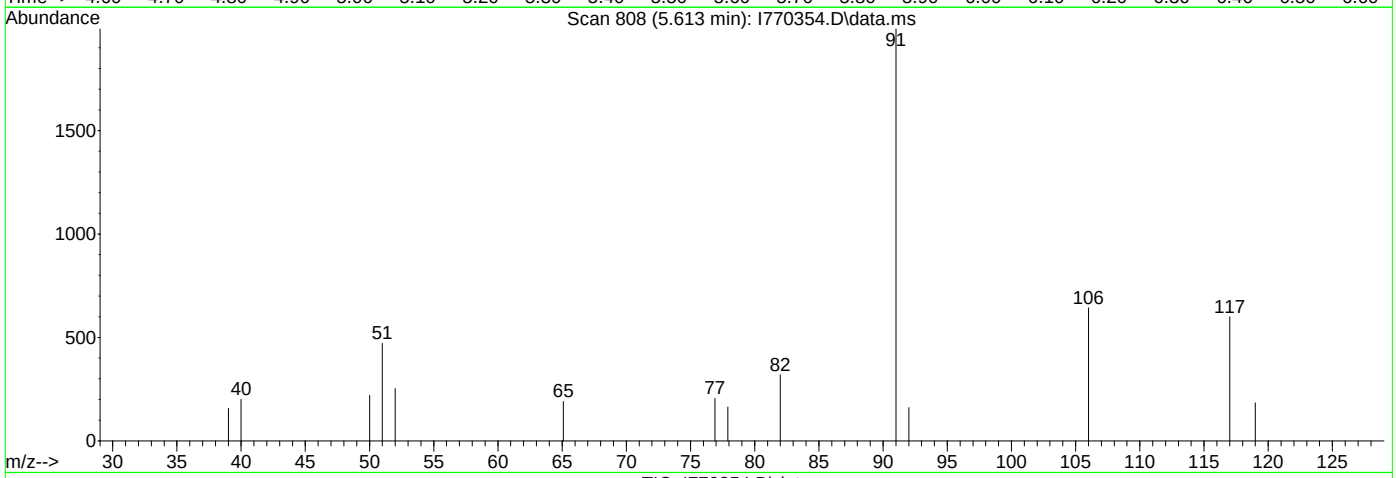
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	268.26#
41.00	64.20	120.32#
43.10	52.80	65.07

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 0.84ug/L

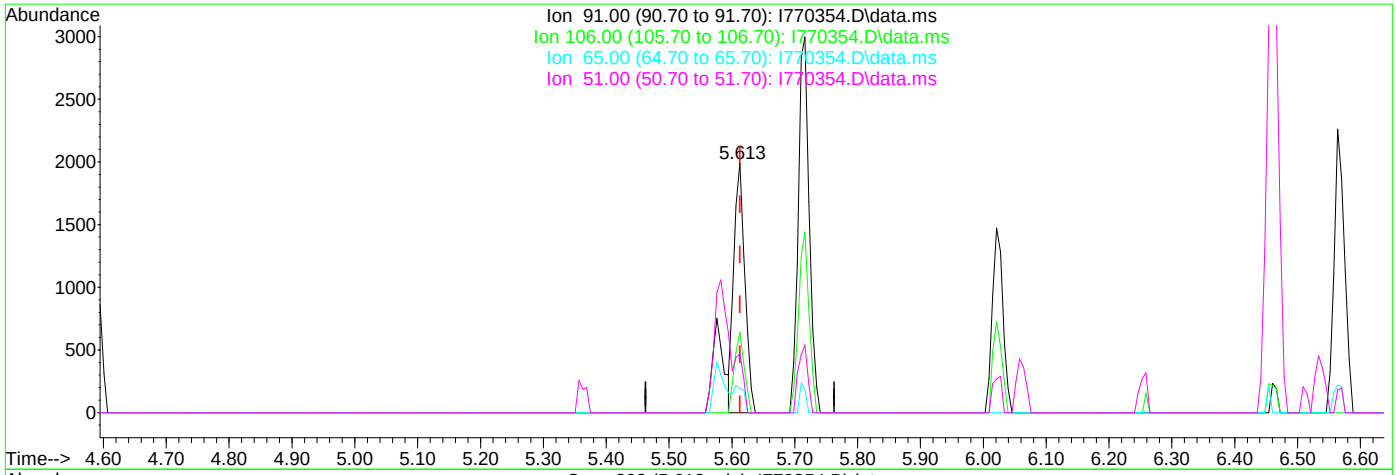
response 2035

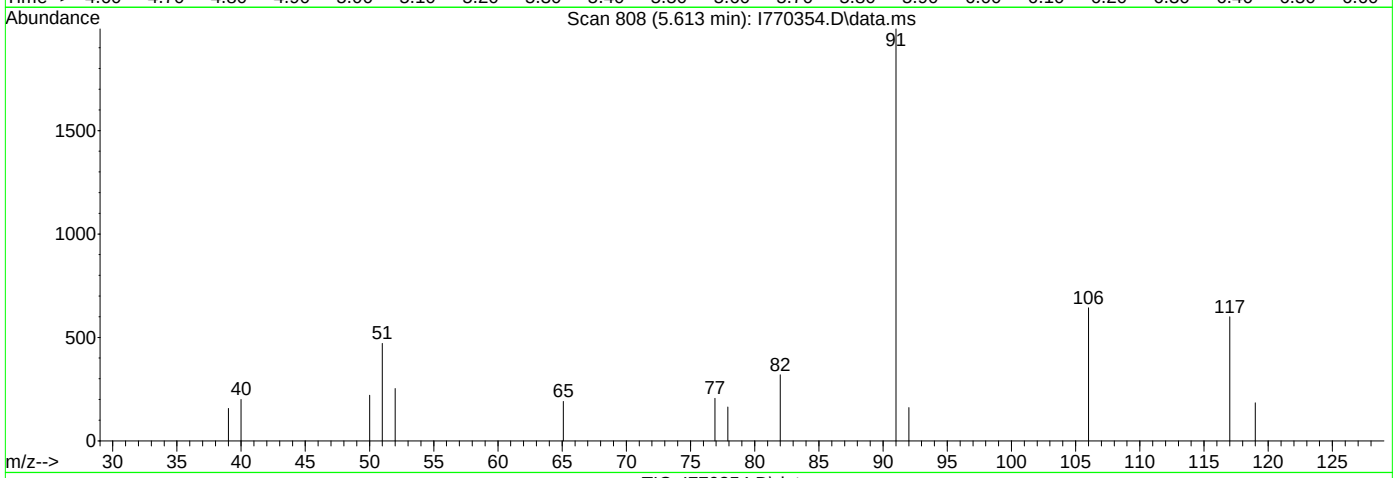
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	32.28
65.00	9.50	9.59
51.00	11.40	23.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 1.00ug/L m

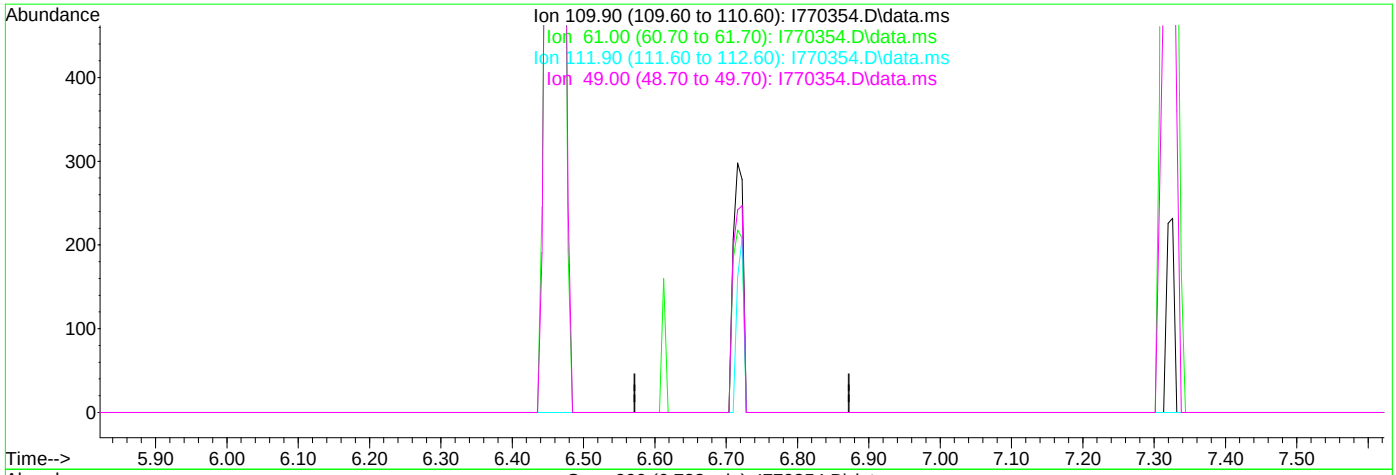
response 2419

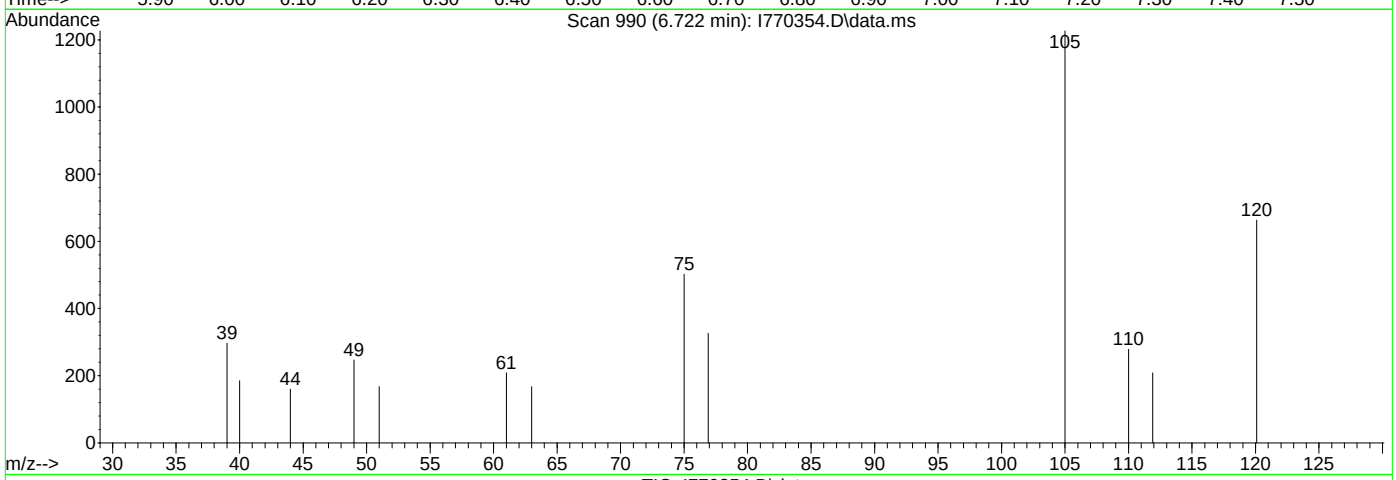
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	32.28
65.00	9.50	9.59
51.00	11.40	23.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.722min (-6.722) 0.00ug/L

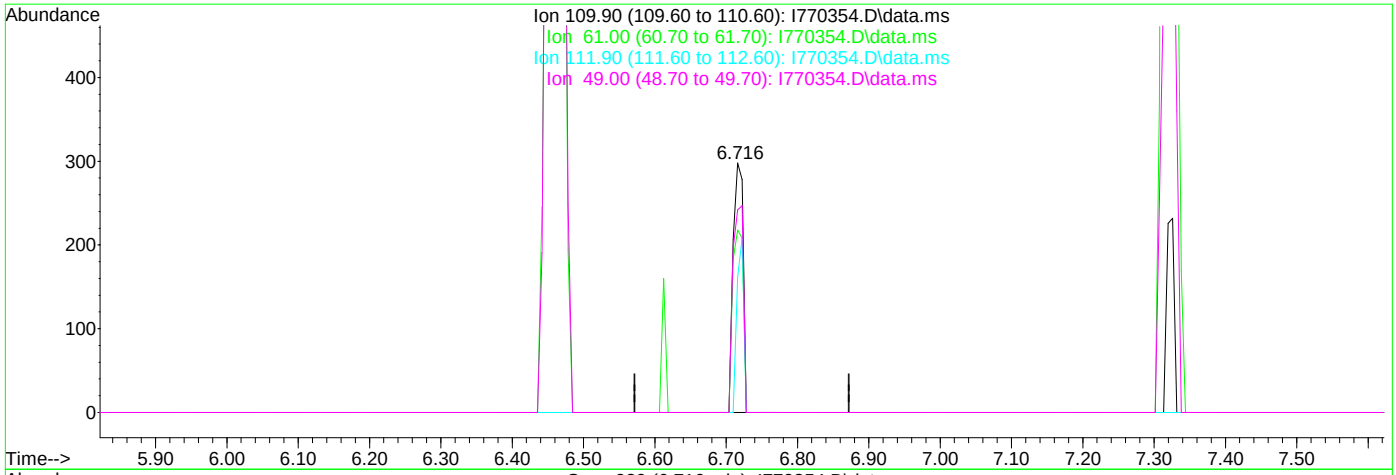
response 0

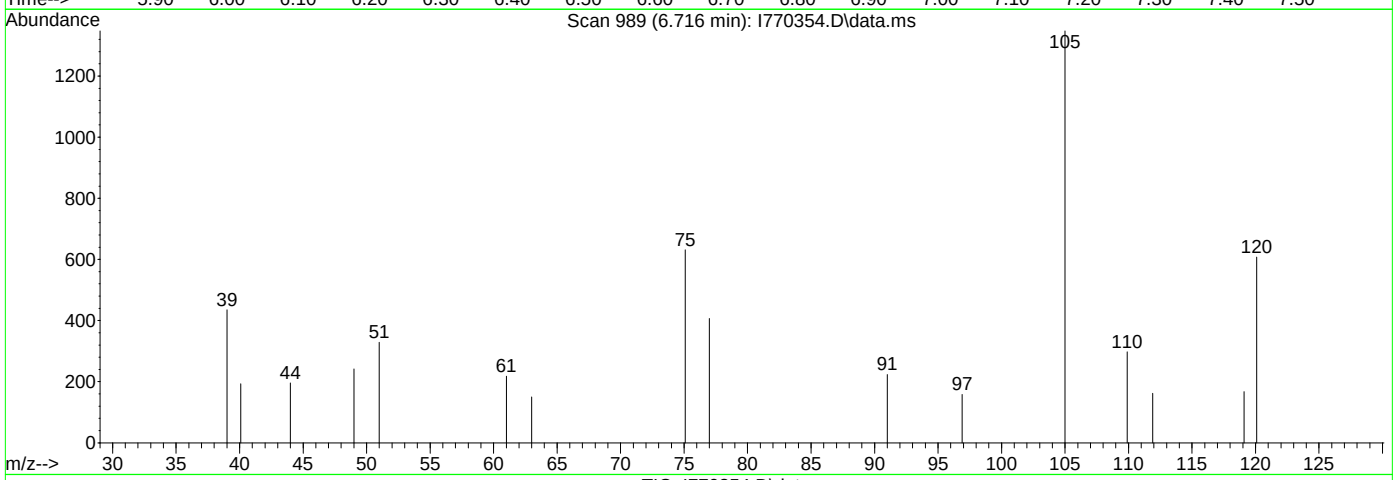
Ion	Exp%	Act%
109.90	100	0.00
61.00	87.40	0.00#
111.90	59.80	0.00#
49.00	69.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.716min (-0.006) 0.97ug/L m

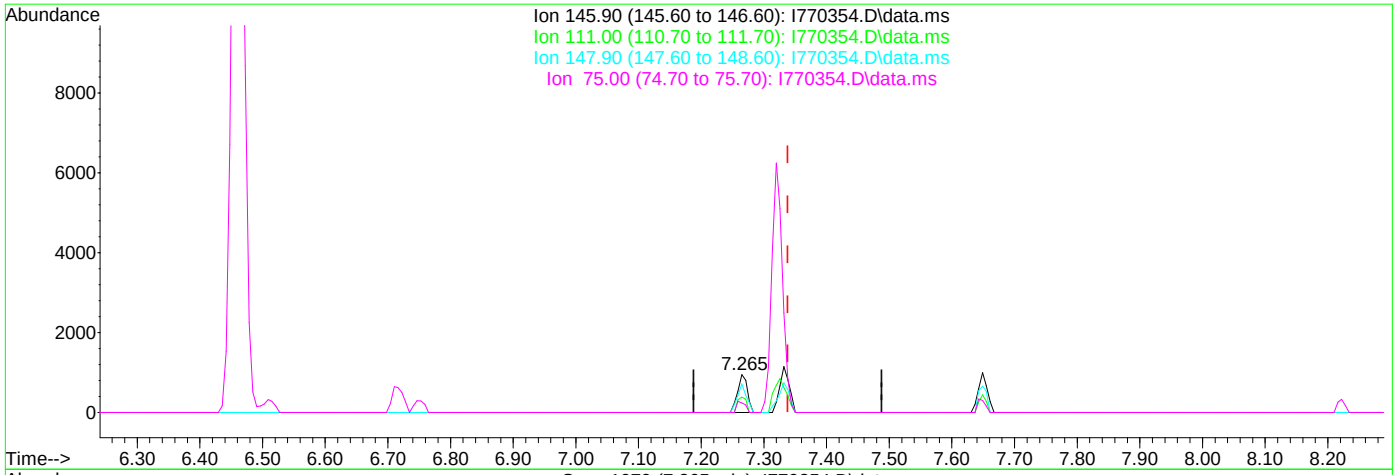
response 286

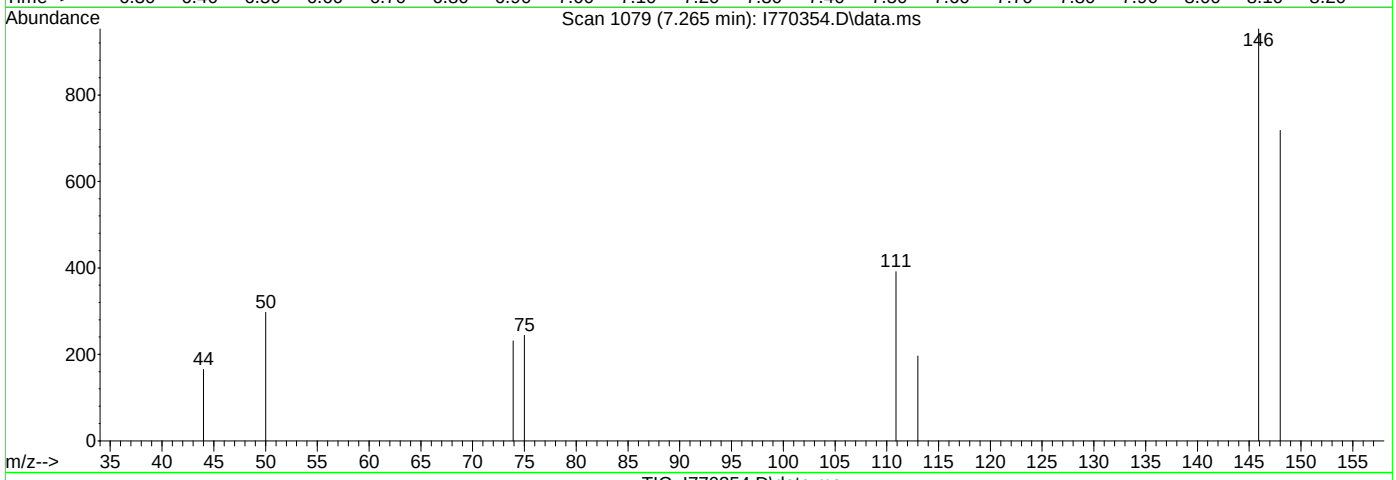
Ion	Exp%	Act%
109.90	100	100
61.00	87.40	73.15
111.90	59.80	54.36
49.00	69.20	81.21

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(104) 1,4-Dichlorobenzene

7.265min (-0.073) 0.92ug/L

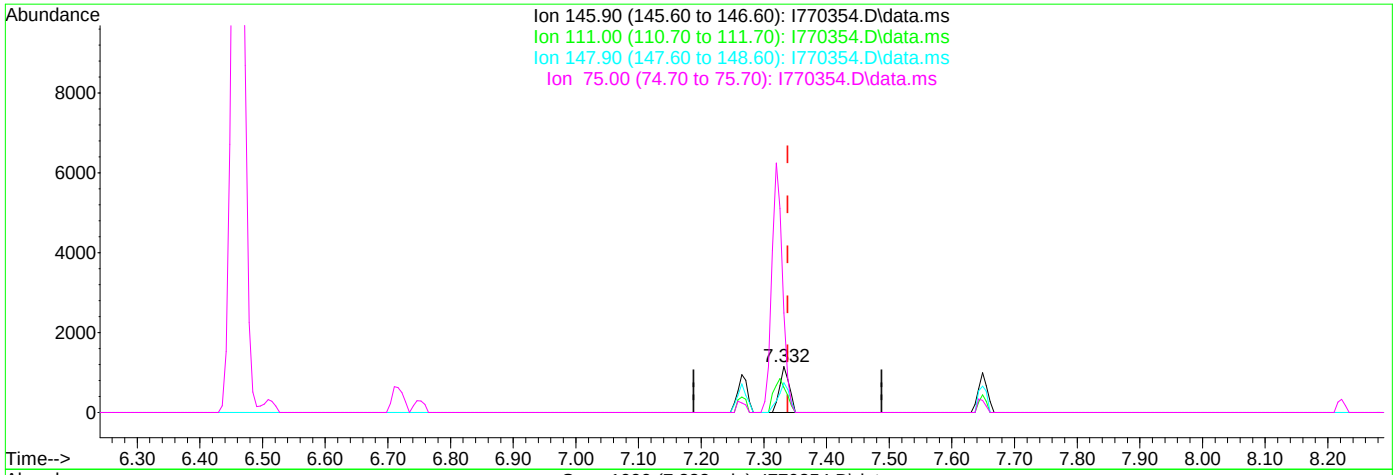
response 1029

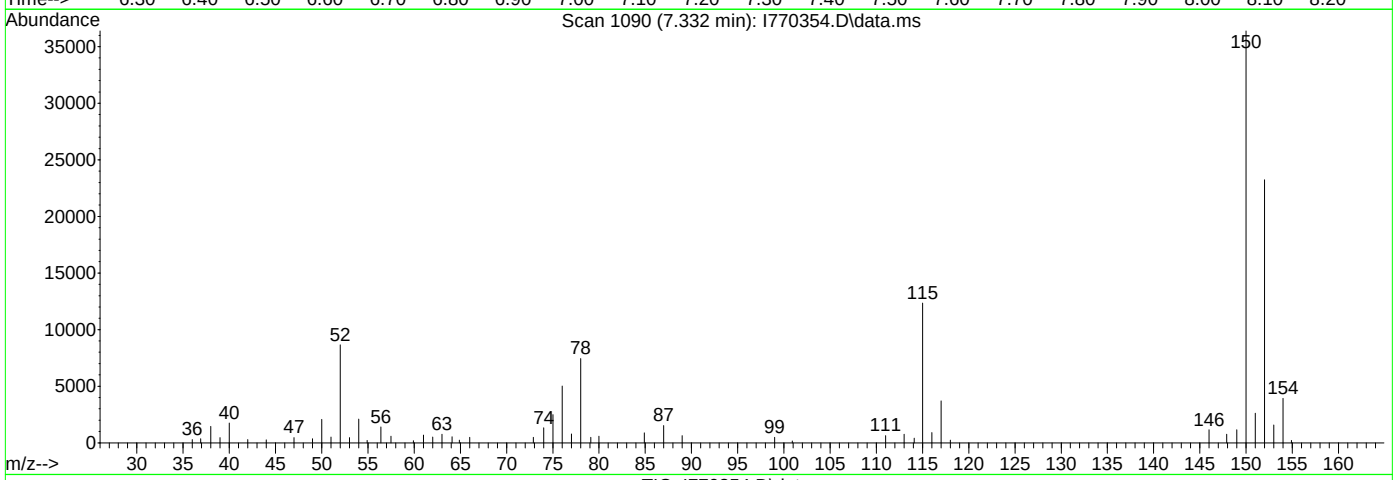
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	41.03
147.90	63.70	75.34
75.00	32.10	25.60

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770354.D
Acq On : 30 Mar 2025 11:48 am
Operator : jeniferw
Sample : IC3517-1 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 05:44:58 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770354.D\data.ms

(104) 1,4-Dichlorobenzene

7.332min (-0.006) 1.10ug/L m

response 1228

Ion	Exp%	Act%
145.90	100	100
111.00	39.80	54.82
147.90	63.70	64.64
75.00	32.10	216.59#

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:49:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	156673	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	108954	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	58674	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46767	52.66	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	105.32%		
49) 1,2-Dichloroethane-d4	3.461	65	66106	57.10	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	114.20%		
63) Toluene-d8	4.552	98	152025	48.28	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	96.56%		
86) 4-Bromofluorobenzene	6.466	174	43440	51.50	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	103.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	1269	1.81	ug/L	89
3) Chloromethane	1.205	50	1812	1.91	ug/L	97
4) 1,3-butadiene	1.272	39	1453m	2.04	ug/L	
5) Vinyl Chloride	1.260	62	1405	1.75	ug/L	86
6) Bromomethane	1.455	94	737	2.19	ug/L	84
7) Chloroethane	1.522	64	1250	5.43	ug/L	87
8) Trichlorofluoromethane	1.595	101	2037	2.70	ug/L	100
9) Ethyl Ether	1.790	59	1582	2.53	ug/L	83
11) 1,2-Dichlorotrifluoroe...	1.888	67	1490	2.46	ug/L	96
12) 1,1-Dichloroethene	1.894	61	2457	2.55	ug/L	92
13) Freon 113	1.912	101	1042	2.13	ug/L	92
14) Carbon Disulfide	1.912	76	3839	2.56	ug/L	84
16) Acrolein	2.077	56	3213	11.81	ug/L	94
17) Allyl chloride	2.150	41	3155	2.84	ug/L	86
18) Methylene Chloride	2.211	49	3460	3.50	ug/L	81
19) Acetone	2.242	43	7467	15.49	ug/L	96
20) Methyl acetate	2.302	43	17668	12.84	ug/L	93
21) trans-1,2-Dichloroethene	2.296	61	2283	2.41	ug/L	96
22) Hexane	2.339	56	1512	2.52	ug/L #	69
23) Methyl Tert Butyl Ether	2.357	73	4105	2.32	ug/L #	54
24) Acetonitrile	2.491	41	6866m	29.31	ug/L	
25) Tert Butyl Alcohol	2.412	59	8668	22.65	ug/L	89
26) Di-isopropyl ether	2.559	45	6130	2.37	ug/L	91
27) Chloroprene	2.656	53	6867	2.07	ug/L	83
28) 1,1-Dichloroethane	2.626	63	2479	2.07	ug/L	94
29) Acrylonitrile	2.656	52	5937	11.07	ug/L #	68
30) ETBE	2.754	59	5084	2.14	ug/L	92
31) Vinyl acetate	2.754	43	25574	11.18	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	1100	1.95	ug/L #	79
33) 2,2-Dichloropropane	2.979	77	1971	2.36	ug/L	97
34) Bromochloromethane	3.028	128	512	1.83	ug/L #	51
35) Cyclohexane	3.034	56	2474	1.92	ug/L	87
36) Chloroform	3.058	83	2255	2.14	ug/L	89
37) Ethyl acetate	3.119	43	19340	11.00	ug/L	94
38) Tetrahydrofuran	3.156	42	1651	2.45	ug/L	86
40) Carbon Tetrachloride	3.144	117	1729m	2.32	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	1992	2.38	ug/L	91
42) 2-Butanone	3.229	43	11673	11.42	ug/L	84
43) 1,1-Dichloropropene	3.247	75	1328	1.99	ug/L #	77
44) tert-Butyl formate	3.308	59	7857	11.50	ug/L	92
45) Propionitrile	3.394	54	6059	20.21	ug/L #	29
46) Methacrylonitrile	3.406	41	18366	20.44	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:49:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Benzene	3.388	78	4502	2.12	ug/L	#	57
48) TAME	3.442	73	3160	1.85	ug/L		80
50) 1,2-Dichloroethane	3.497	62	2224	2.29	ug/L		79
51) Isobutyl Alcohol	3.442	43	1504	44.83	ug/L		63
52) Tert Amyl Alcohol	3.552	59	6189	19.76	ug/L		88
53) Trichloroethene	3.711	95	1278	2.17	ug/L		93
54) Methylcyclohexane	3.717	83	1423	1.69	ug/L	#	78
55) Dibromomethane	3.961	93	873	2.07	ug/L		98
56) 1,2-Dichloropropane	4.022	63	1410	2.08	ug/L		99
57) Bromodichloromethane	4.052	83	1782	2.24	ug/L	#	94
58) Methyl methacrylate	4.138	41	1857	1.85	ug/L	#	83
60) 2-Chloroethyl vinyl ether	4.394	63	5069	9.14	ug/L		89
61) cis-1,3-Dichloropropene	4.436	75	1808	1.97	ug/L		77
64) Toluene	4.589	91	4541	2.00	ug/L		93
65) 2-Nitropropane	4.729	41	4431	10.97	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	16805	10.24	ug/L		94
67) trans-1,3-Dichloropropene	4.845	75	1765	1.93	ug/L		76
68) Tetrachloroethene	4.839	166	1129	2.08	ug/L		97
69) Ethyl methacrylate	4.948	69	1386	1.61	ug/L		84
70) 1,1,2-Trichloroethane	4.954	83	873	1.80	ug/L	#	67
71) Dibromochloromethane	5.070	129	1365	2.22	ug/L		89
72) 1,3-Dichloropropane	5.137	76	1809	1.86	ug/L	#	74
73) 1,2-Dibromoethane	5.235	107	1190	1.89	ug/L		95
74) 3,3-Dimethyl-1-Butanol	5.357	57	28386	86.44	ug/L		84
75) 2-hexanone	5.381	43	19215	10.40	ug/L		80
76) 1-Chlorohexane	5.576	91	1601m	2.08	ug/L		
77) Ethylbenzene	5.613	91	5087m	2.07	ug/L		
78) Chlorobenzene	5.595	112	2852	1.97	ug/L		77
79) 1,1,1,2-Tetrachloroethane	5.637	131	1155	2.16	ug/L	#	84
80) m,p-Xylene	5.716	91	7543	3.96	ug/L		96
81) o-Xylene	6.027	91	3632	1.89	ug/L		98
82) Styrene	6.064	104	2495	1.75	ug/L		94
83) Bromoform	6.076	173	1012	2.28	ug/L		95
84) Isopropylbenzene	6.259	105	4196	1.88	ug/L		97
88) n-Propylbenzene	6.570	91	5313	1.96	ug/L		92
89) Bromobenzene	6.539	156	1310	2.29	ug/L		88
90) 1,1,2,2-Tetrachloroethane	6.613	83	1989	2.01	ug/L		96
91) 1,3,5-Trimethylbenzene	6.716	105	3357	1.82	ug/L		98
92) 2-Chlorotoluene	6.680	91	2833	1.84	ug/L		94
93) trans-1,4-Dichloro-2-B...	6.753	53	959	2.24	ug/L	#	61
94) 1,2,3-Trichloropropane	6.716	110	563m	1.90	ug/L		
96) 4-Chlorotoluene	6.808	91	3393	2.00	ug/L		95
97) tert-Butylbenzene	6.960	91	1956	1.89	ug/L		85
98) 1,2,4-Trimethylbenzene	7.021	105	3526	1.87	ug/L		96
99) Pentachloroethane	6.978	167	630	2.02	ug/L	#	1
100) sec-Butylbenzene	7.106	105	3842	1.77	ug/L		98
101) 4-Isopropyltoluene	7.216	119	3168	1.77	ug/L		97
102) 1,3-Dichlorobenzene	7.265	146	2310	2.12	ug/L		92
103) 1,2,3-Trimethylbenzene	7.356	105	3545	1.80	ug/L		92
104) 1,4-Dichlorobenzene	7.338	146	2500	2.22	ug/L		86
105) n-Butylbenzene	7.545	92	1846	1.81	ug/L		87
106) Benzyl Chloride	7.527	126	601m	1.79	ug/L		
107) 1,2-Dichlorobenzene	7.649	146	2083	1.96	ug/L		88
109) Hexachlorobutadiene	8.673	225	475	2.10	ug/L	#	63
110) 1,2,4-Trichlorobenzene	8.691	180	1127	1.81	ug/L		77
111) Naphthalene	8.899	128	3616	1.57	ug/L		98
112) 1,2,3-Trichlorobenzene	9.021	180	972	1.70	ug/L		92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:49:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

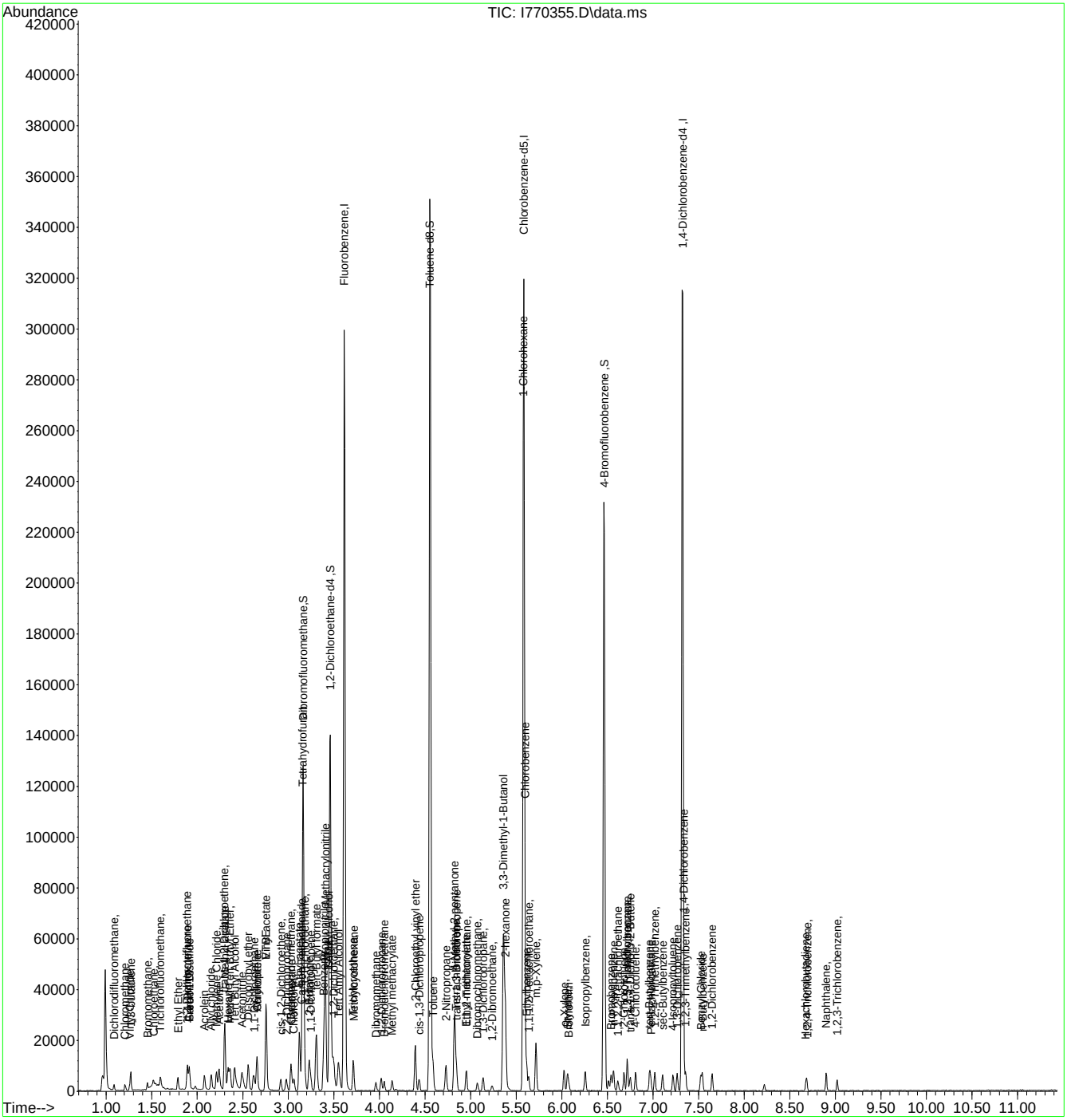
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:49:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

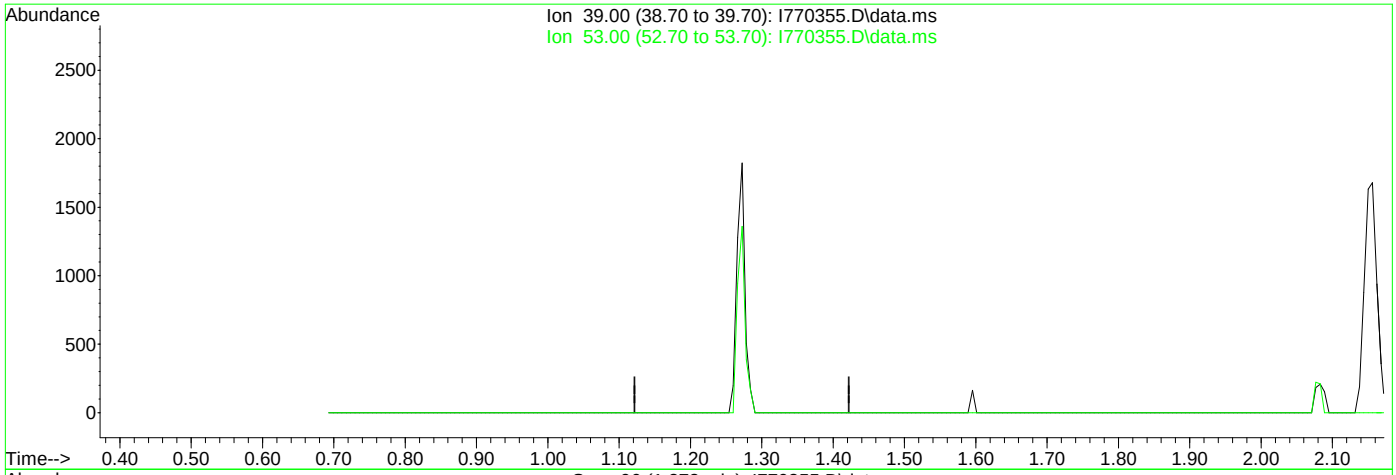
Sample Number: VI3517-IC3517
Lab FileID: I770355.D
Injection Time: 03/30/25 12:04
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

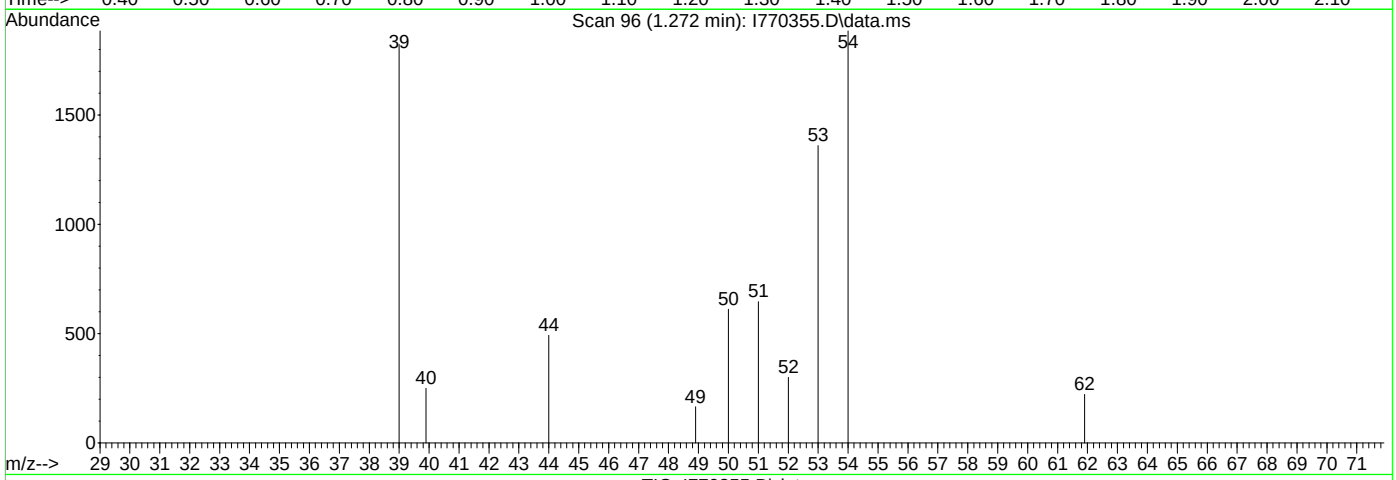
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Missed peak
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,2,3-Trichloropropane	96-18-4		6.72	Missed peak
Benzyl Chloride	100-44-7		7.53	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(4) 1,3-butadiene

1.272min (-1.272) 0.00ug/L

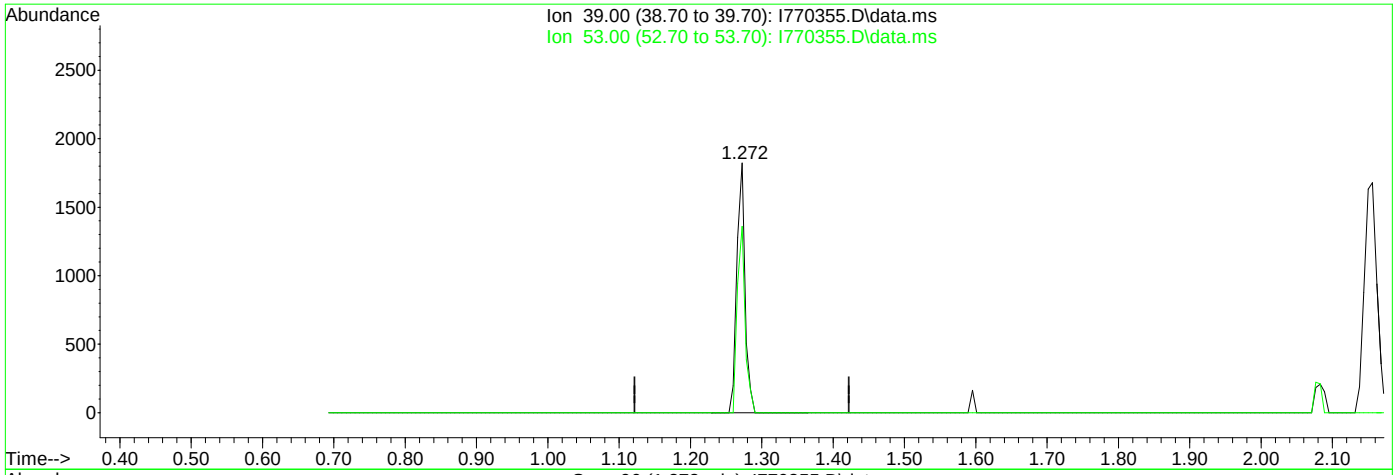
response 0

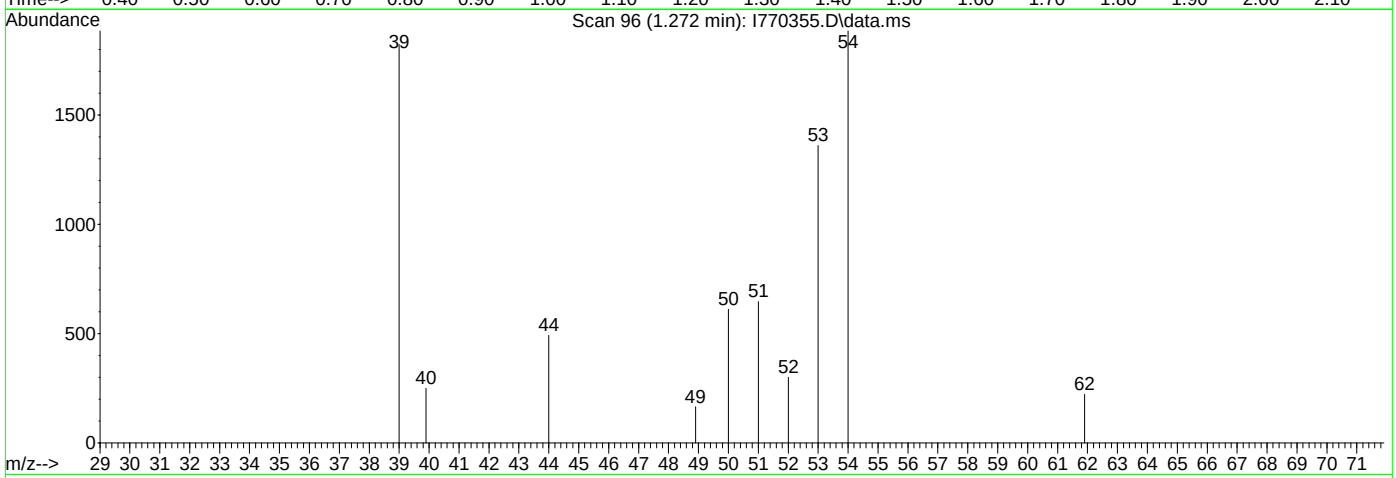
Ion	Exp%	Act%
39.00	100	0.00
53.00	72.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(4) 1,3-butadiene

1.272min (+0.000) 2.04ug/L m

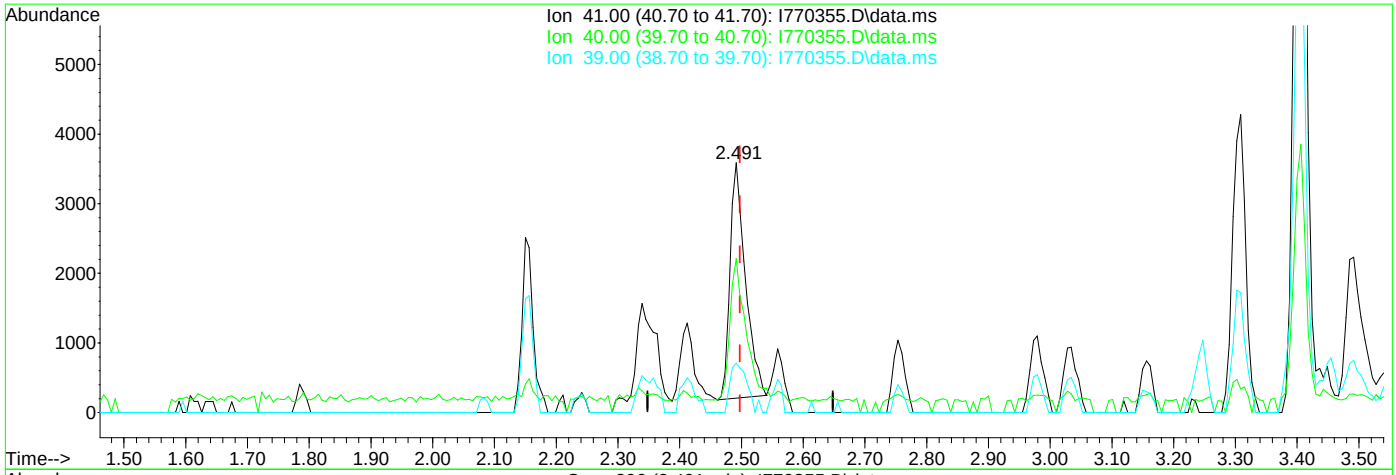
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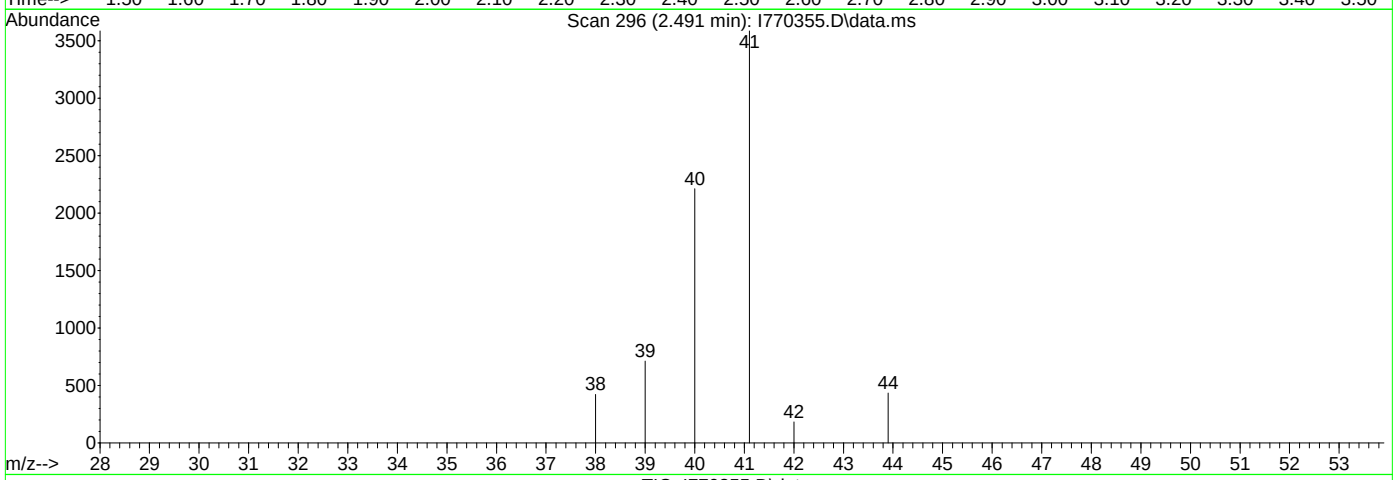
Ion	Exp%	Act%
39.00	100	100
53.00	72.10	74.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 24.95ug/L

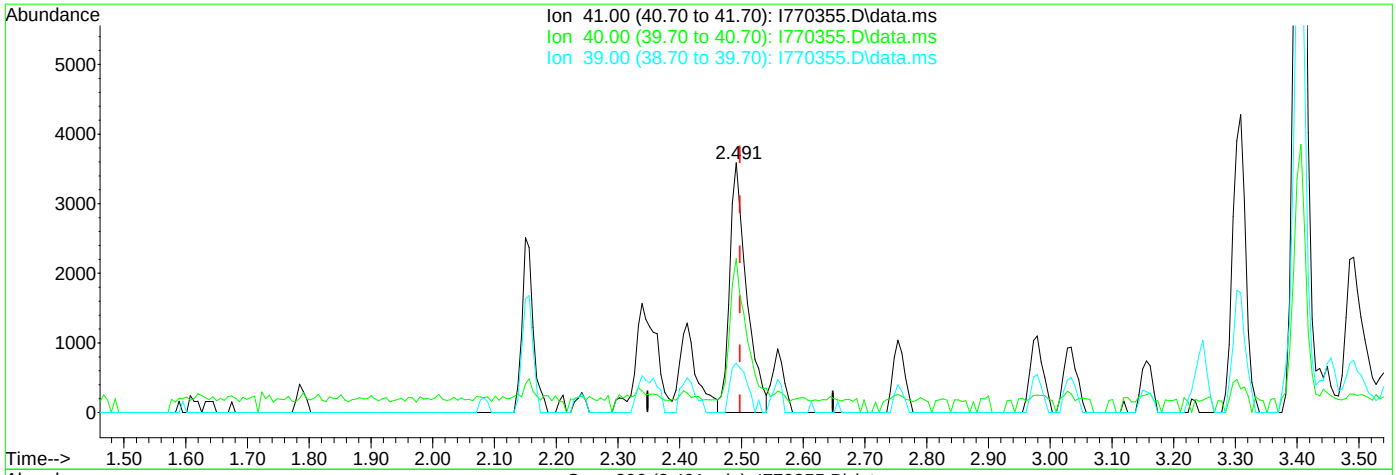
response 5846

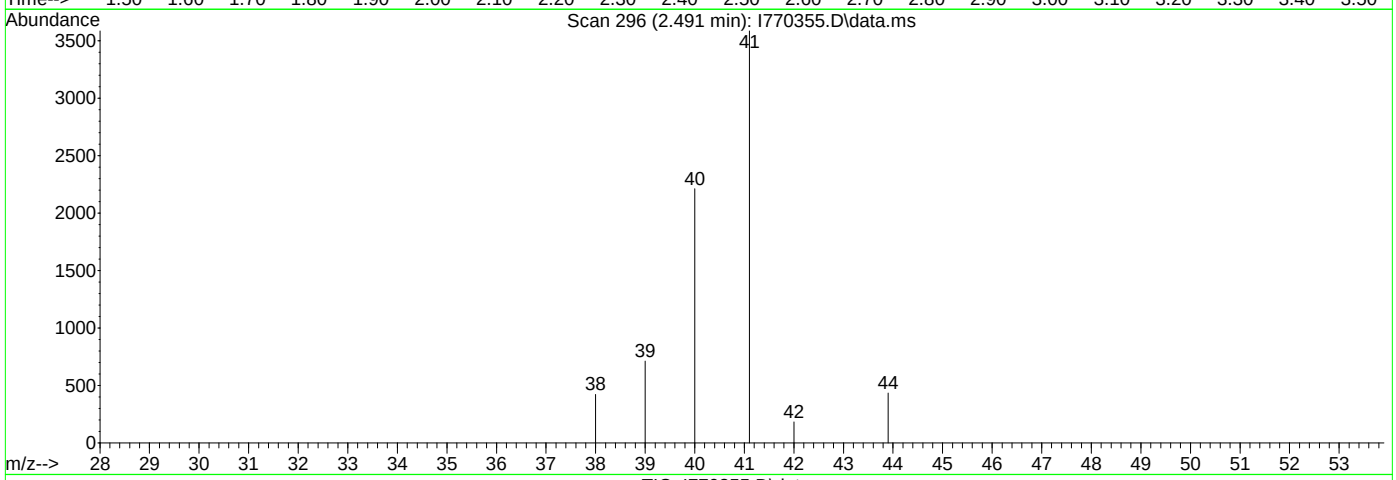
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	59.65
39.00	20.00	20.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 29.31ug/L m

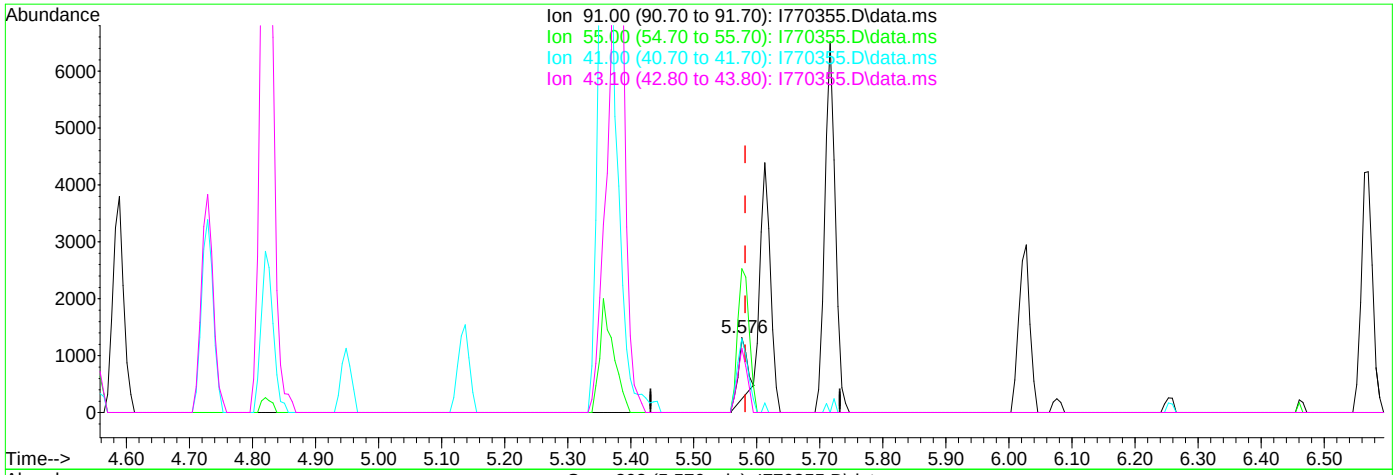
response 6866

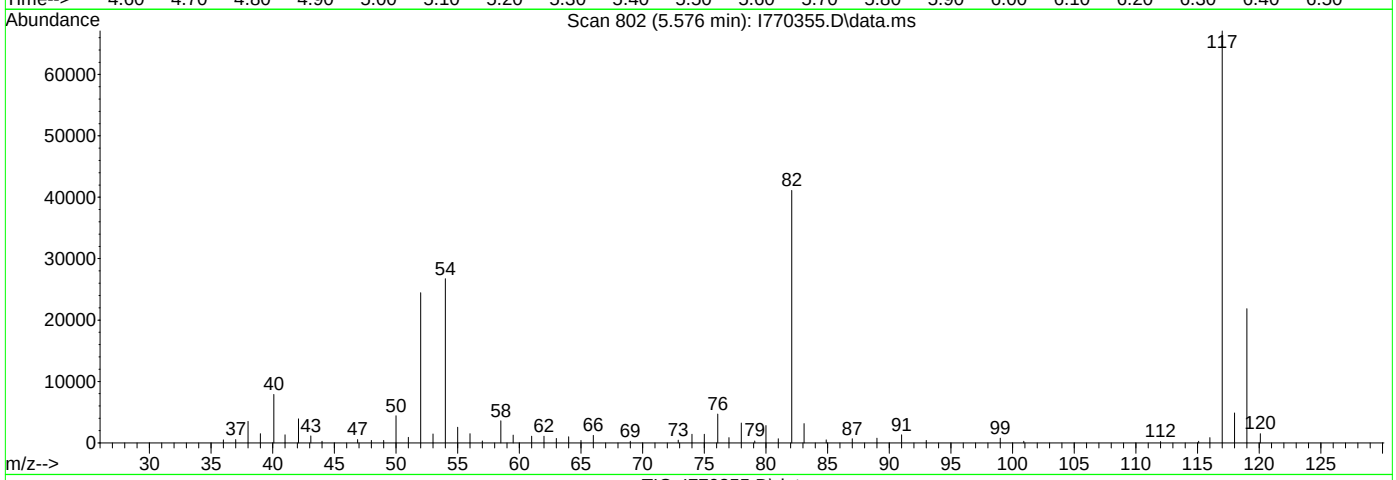
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	61.68
39.00	20.00	19.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 1.39ug/L

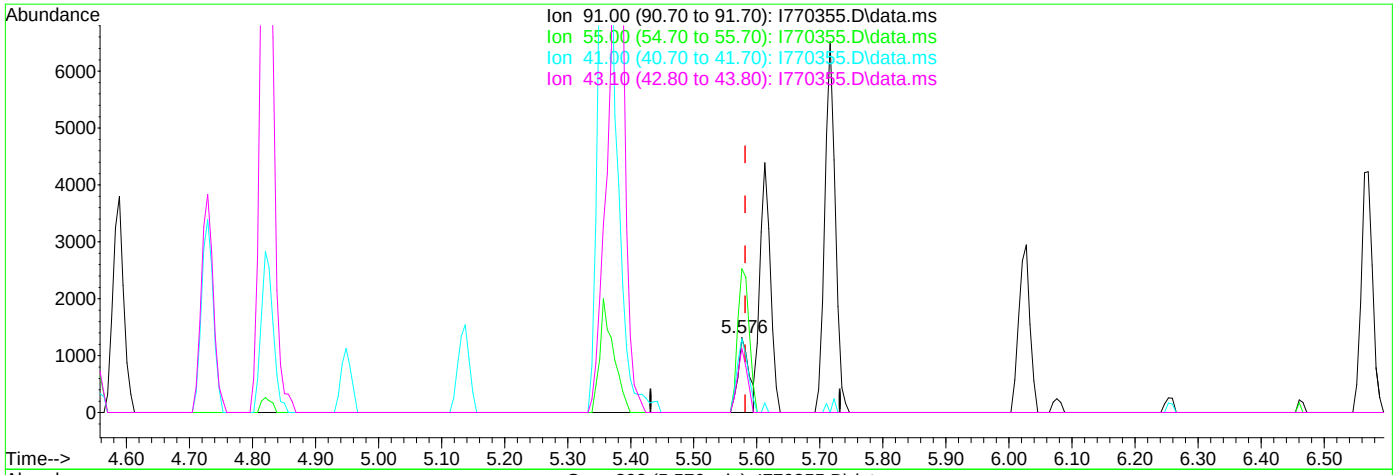
response 1074

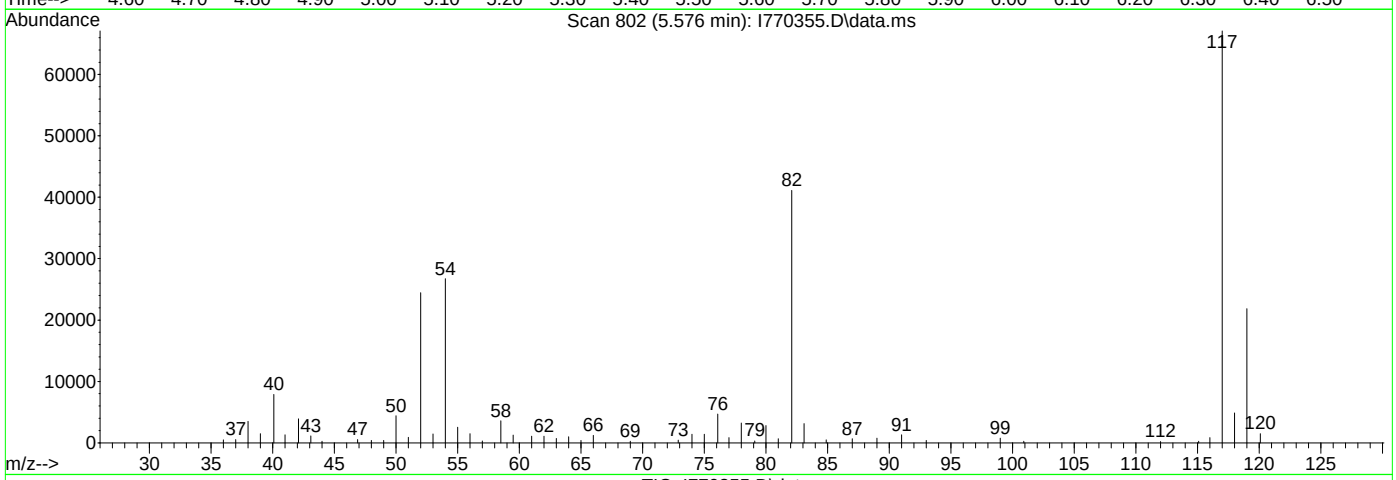
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	191.95#
41.00	64.20	98.86#
43.10	52.80	85.95#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 2.08ug/L m

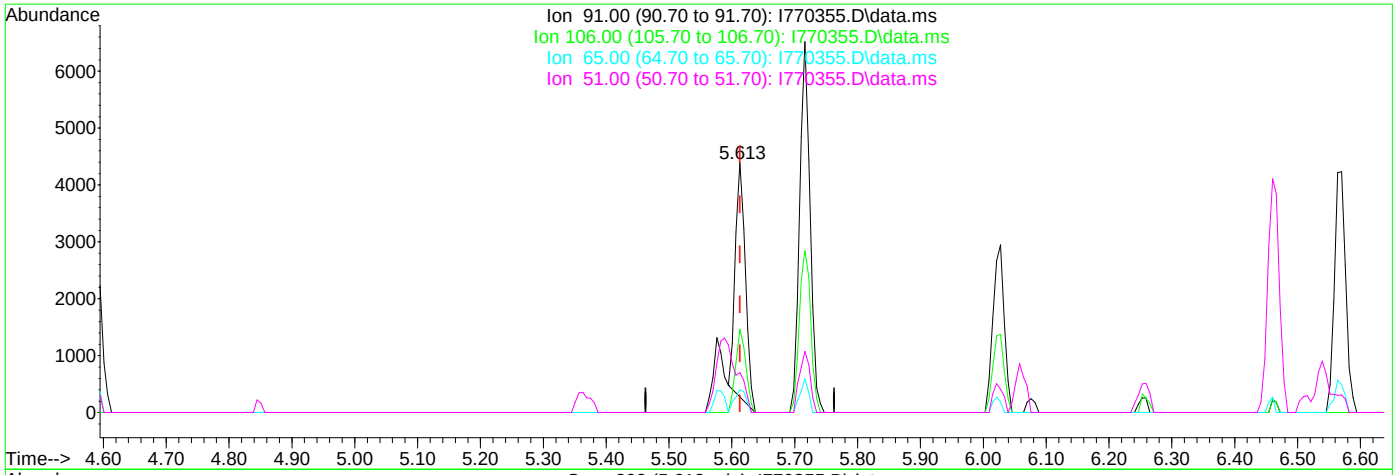
response 1601

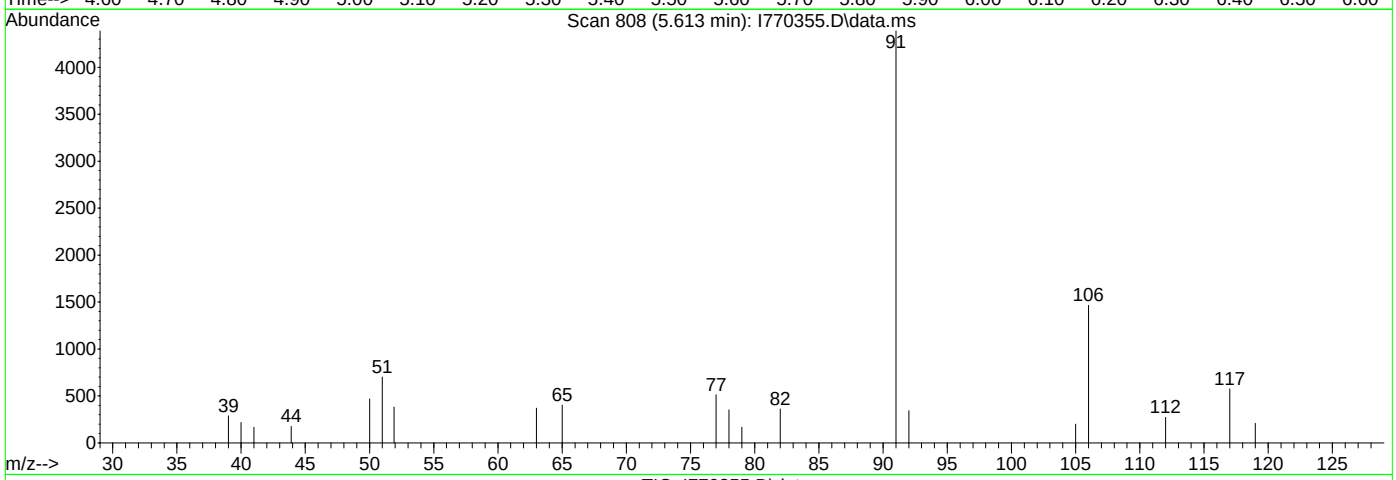
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	191.95#
41.00	64.20	98.86#
43.10	52.80	85.95#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 1.82ug/L

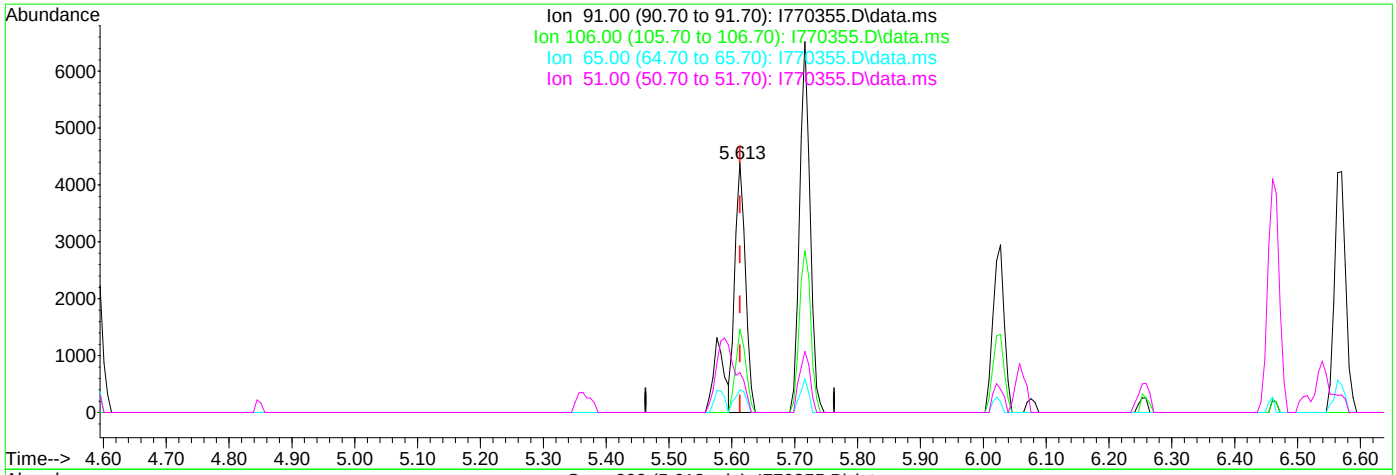
response 4473

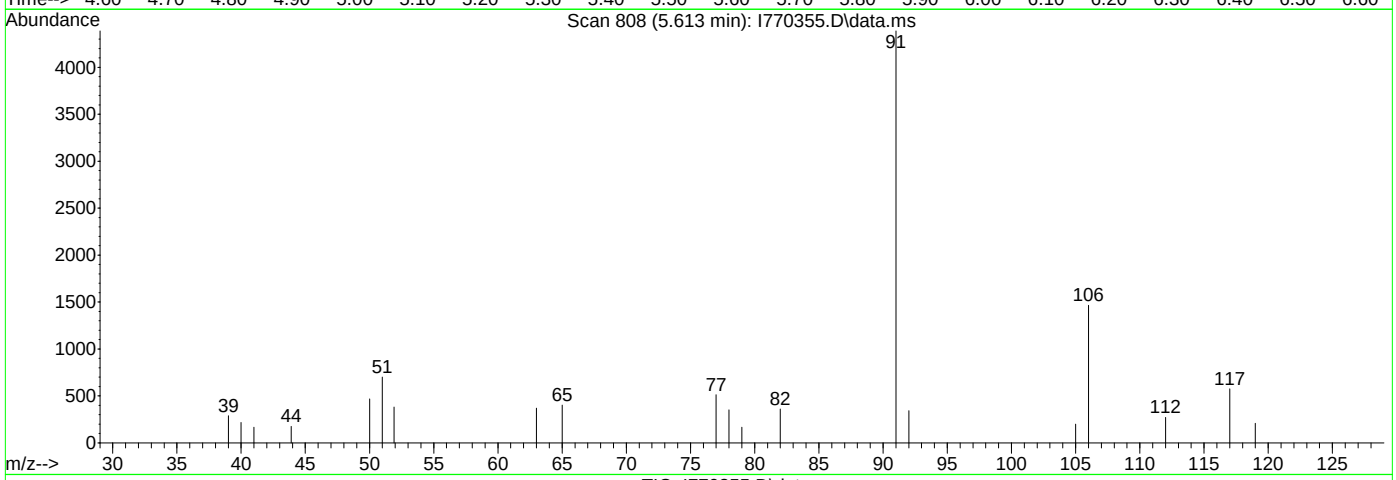
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	33.39
65.00	9.50	9.14
51.00	11.40	15.95

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 2.07ug/L m

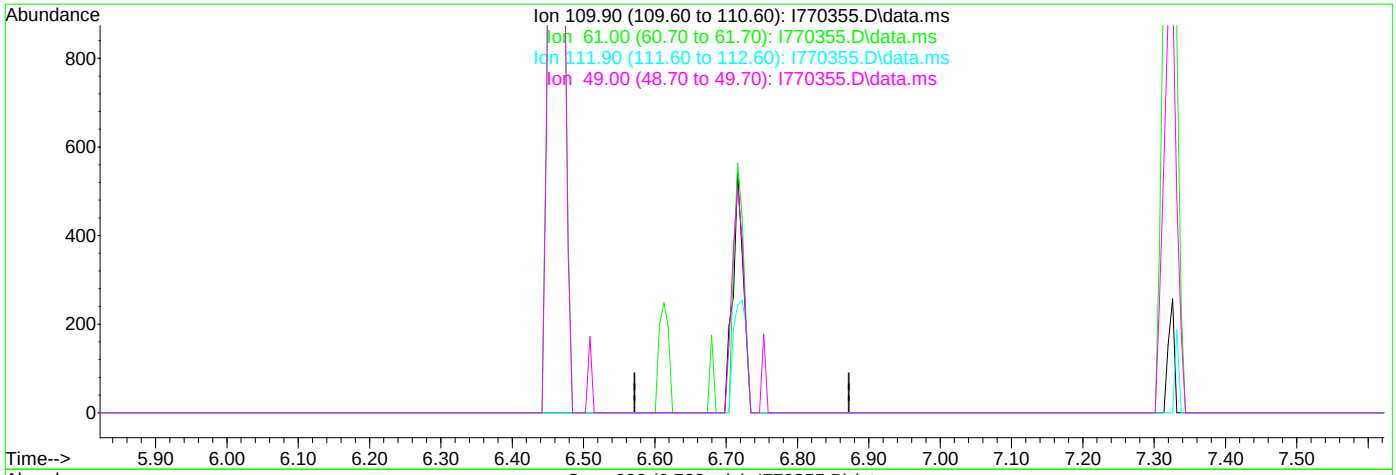
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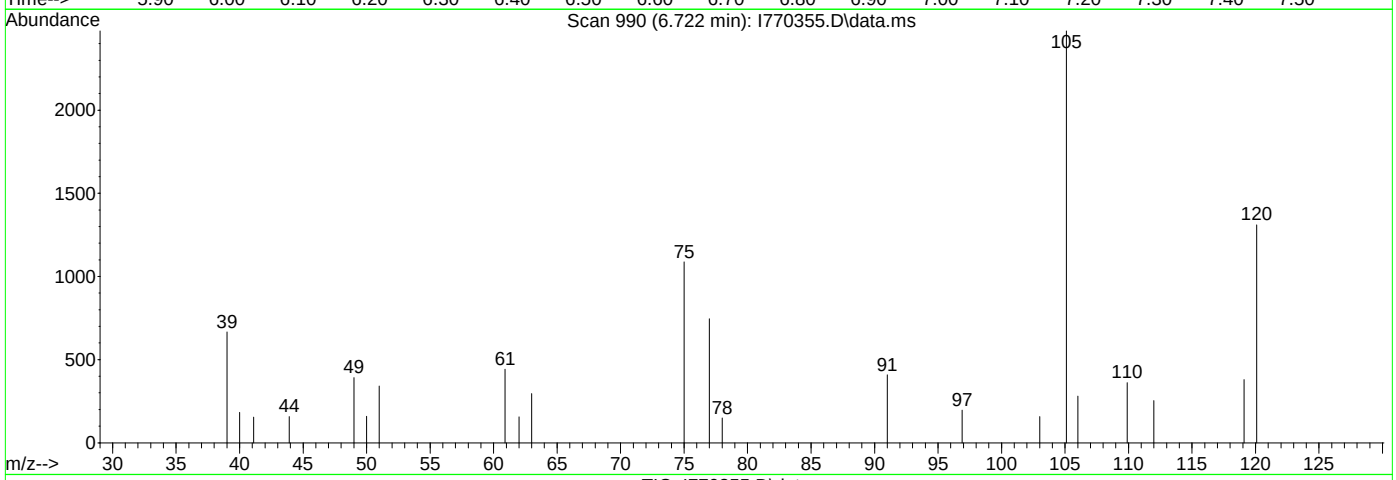
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	33.39
65.00	9.50	9.14
51.00	11.40	15.95

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.722min (-6.722) 0.00ug/L

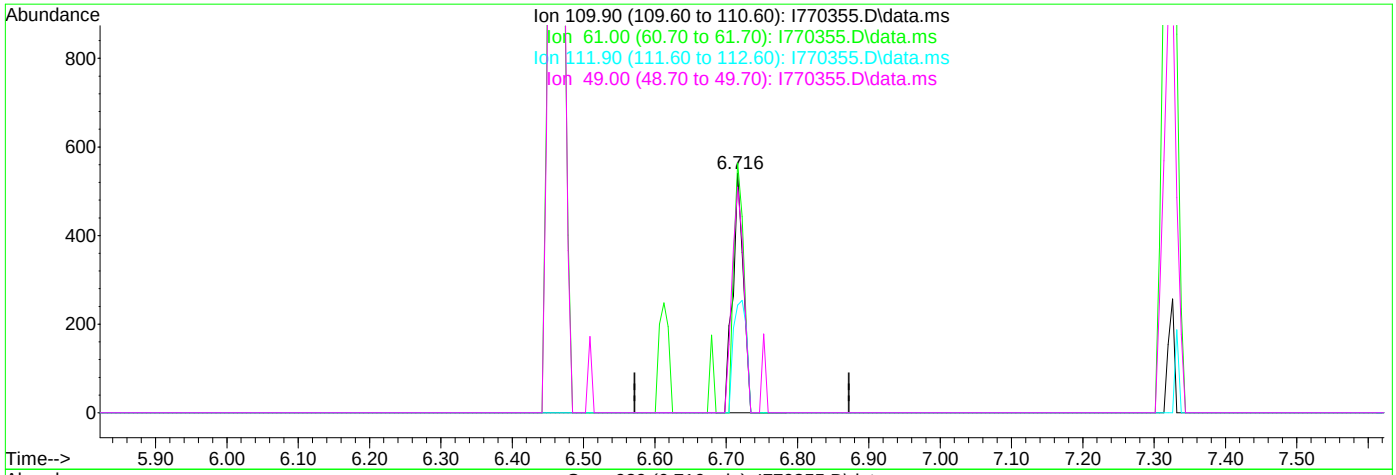
response 0

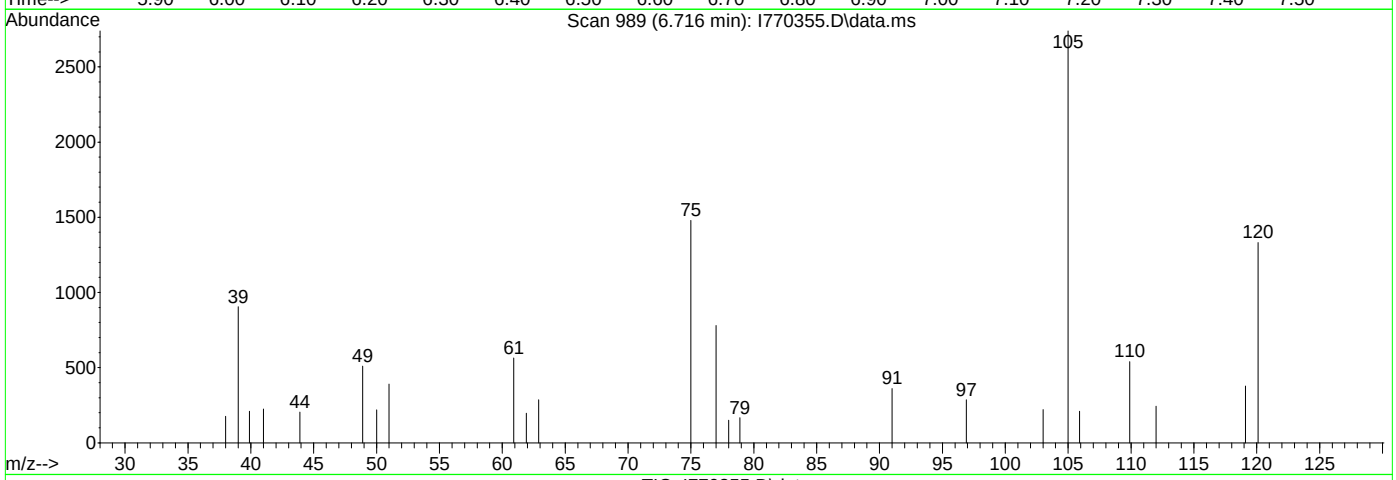
Ion	Exp%	Act%
109.90	100	0.00
61.00	87.40	0.00#
111.90	59.80	0.00#
49.00	69.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.716min (-0.006) 1.90ug/L m

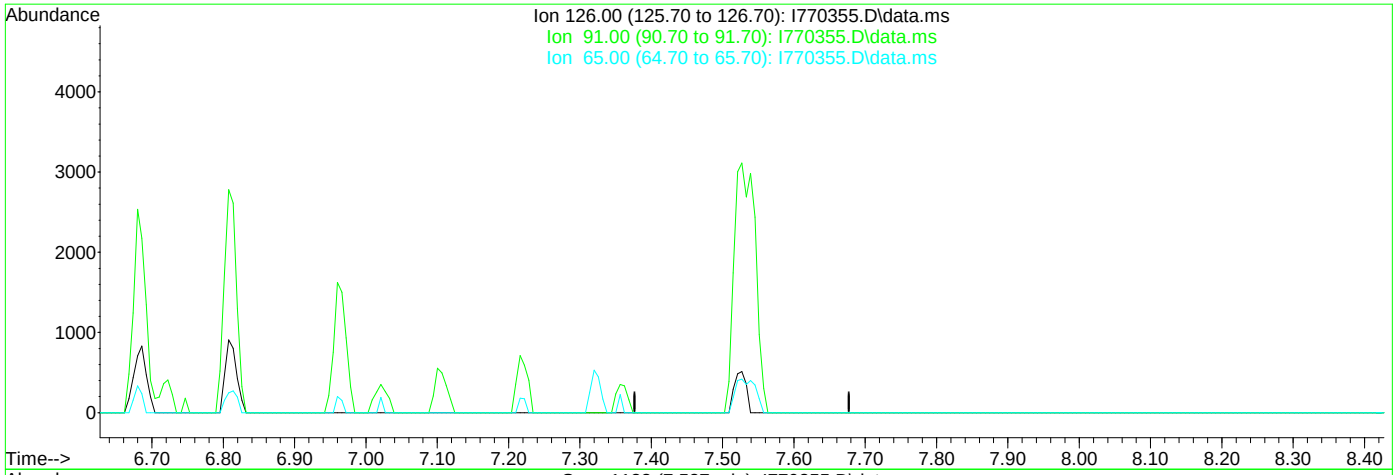
response 563

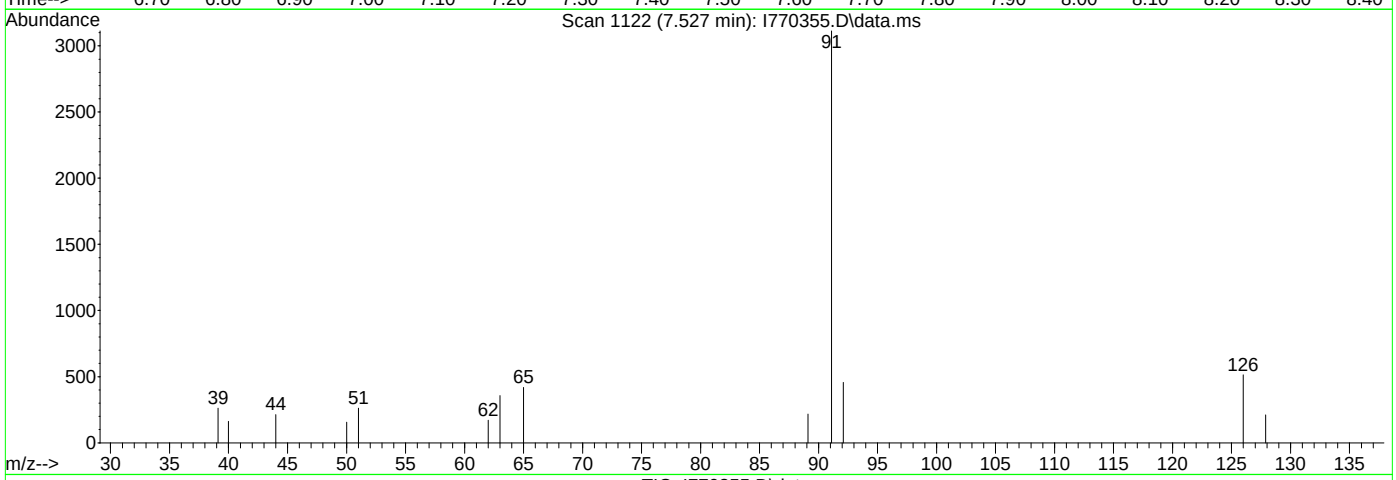
Ion	Exp%	Act%
109.90	100	100
61.00	87.40	104.44
111.90	59.80	45.00
49.00	69.20	94.26

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(106) Benzyl Chloride

7.527min (-7.527) 0.00ug/L

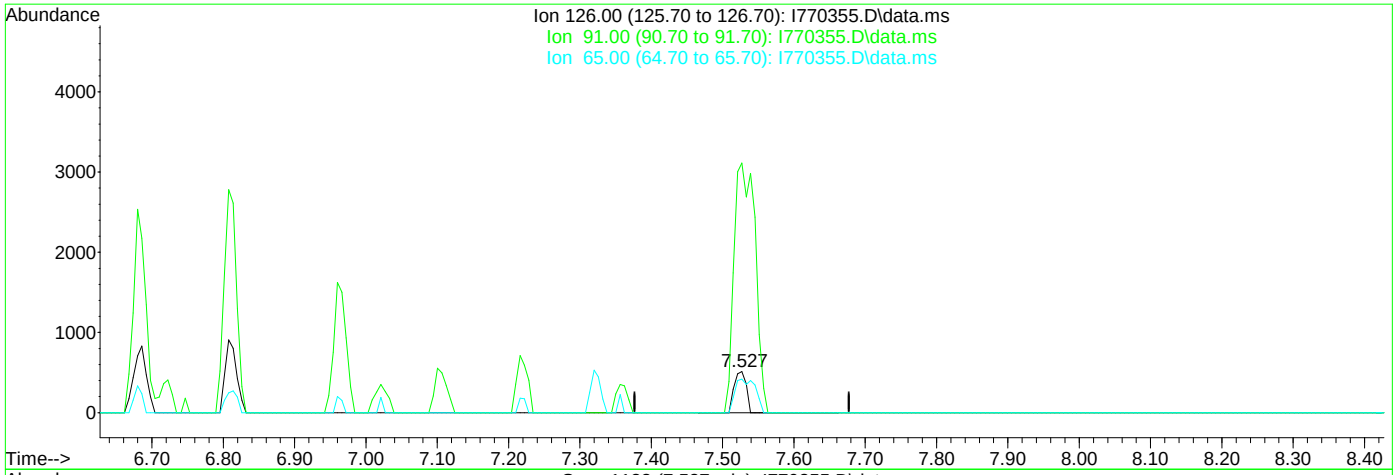
response 0

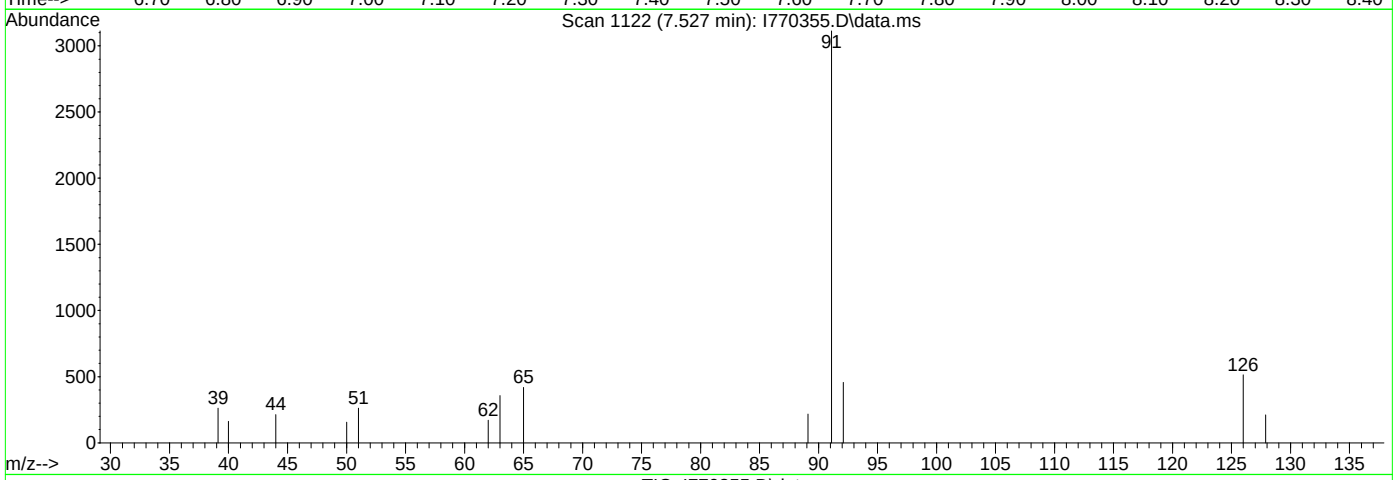
Ion	Exp%	Act%
126.00	100	0.00
91.00	523.60	0.00#
65.00	69.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770355.D
Acq On : 30 Mar 2025 12:04 pm
Operator : jeniferw
Sample : IC3517-8 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 31 05:45:01 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770355.D\data.ms

(106) Benzyl Chloride

7.527min (+0.000) 1.79ug/L m

response 601

Ion	Exp%	Act%
126.00	100	100
91.00	523.60	607.02#
65.00	69.60	81.68
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:50:40 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	156927	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	109840	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	59947	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	46734	52.54	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 105.08%				
49) 1,2-Dichloroethane-d4	3.461	65	65865	56.80	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 113.60%				
63) Toluene-d8	4.558	98	152436	48.02	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.04%				
86) 4-Bromofluorobenzene	6.466	174	44773	51.95	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	3344	4.75	ug/L		96
3) Chloromethane	1.211	50	4578	4.83	ug/L		97
4) 1,3-butadiene	1.272	39	4539	6.37	ug/L		91
5) Vinyl Chloride	1.260	62	3505	4.36	ug/L		96
6) Bromomethane	1.455	94	1913	5.68	ug/L		93
7) Chloroethane	1.522	64	2001	8.68	ug/L		97
8) Trichlorofluoromethane	1.601	101	5449	7.21	ug/L		98
9) Ethyl Ether	1.790	59	4718	7.53	ug/L		85
10) Ethanol	1.906	45	4255m	147.08	ug/L		
11) 1,2-Dichlorotrifluoroe...	1.888	67	4185	6.89	ug/L		98
12) 1,1-Dichloroethene	1.894	61	7337	7.61	ug/L		91
13) Freon 113	1.918	101	3304	6.76	ug/L		93
14) Carbon Disulfide	1.912	76	10625	7.07	ug/L		86
15) Iodomethane	1.979	142	1995	3.65	ug/L		91
16) Acrolein	2.083	56	8446	31.00	ug/L		98
17) Allyl chloride	2.156	41	8127	7.31	ug/L		90
18) Methylene Chloride	2.211	49	8563	8.65	ug/L		80
19) Acetone	2.241	43	19601	40.61	ug/L		92
20) Methyl acetate	2.302	43	48461	35.16	ug/L		92
21) trans-1,2-Dichloroethene	2.302	61	6793	7.17	ug/L		93
22) Hexane	2.339	56	4447	7.39	ug/L	#	77
23) Methyl Tert Butyl Ether	2.363	73	11233	6.35	ug/L	#	52
24) Acetonitrile	2.491	41	16394m	69.87	ug/L		
25) Tert Butyl Alcohol	2.412	59	25197	65.72	ug/L		85
26) Di-isopropyl ether	2.565	45	17243	6.65	ug/L		97
27) Chloroprene	2.656	53	20527	6.17	ug/L		80
28) 1,1-Dichloroethane	2.632	63	7305	6.08	ug/L		97
29) Acrylonitrile	2.656	52	16813	31.30	ug/L	#	64
30) ETBE	2.760	59	14732	6.19	ug/L		90
31) Vinyl acetate	2.760	43	77569	33.85	ug/L		100
32) cis-1,2-Dichloroethene	2.918	96	3323	5.89	ug/L	#	82
33) 2,2-Dichloropropane	2.979	77	5314	6.34	ug/L		95
34) Bromochloromethane	3.028	128	1727	6.16	ug/L	#	66
35) Cyclohexane	3.034	56	7703	5.96	ug/L	#	87
36) Chloroform	3.064	83	6570	6.24	ug/L		88
37) Ethyl acetate	3.125	43	55488	31.50	ug/L		94
38) Tetrahydrofuran	3.156	42	4808	7.12	ug/L		90
40) Carbon Tetrachloride	3.150	117	5369m	7.18	ug/L		
41) 1,1,1-Trichloroethane	3.186	97	5403	6.46	ug/L		96
42) 2-Butanone	3.229	43	34060	33.27	ug/L		87
43) 1,1-Dichloropropene	3.247	75	4160	6.21	ug/L		88
44) tert-Butyl formate	3.308	59	22796	33.31	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:50:40 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.400	54	18195	60.59	ug/L	#	1
46)	Methacrylonitrile	3.406	41	52230	58.03	ug/L		95
47)	Benzene	3.388	78	12680	5.96	ug/L		67
48)	TAME	3.449	73	10184	5.94	ug/L	#	79
50)	1,2-Dichloroethane	3.497	62	6446	6.61	ug/L		87
51)	Isobutyl Alcohol	3.449	43	4394	130.75	ug/L		73
52)	Tert Amyl Alcohol	3.552	59	20532	65.45	ug/L		85
53)	Trichloroethene	3.711	95	3717	6.30	ug/L		95
54)	Methylcyclohexane	3.717	83	4421	5.23	ug/L	#	74
55)	Dibromomethane	3.961	93	2652	6.28	ug/L		96
56)	1,2-Dichloropropane	4.016	63	4015	5.90	ug/L		90
57)	Bromodichloromethane	4.052	83	5171	6.48	ug/L	#	91
58)	Methyl methacrylate	4.137	41	5506	5.49	ug/L		85
59)	1,4-Dioxane	4.174	88	1842	99.26	ug/L		82
60)	2-Chloroethyl vinyl ether	4.394	63	15926	28.68	ug/L		86
61)	cis-1,3-Dichloropropene	4.436	75	5318	5.79	ug/L		86
64)	Toluene	4.589	91	12935	5.66	ug/L		98
65)	2-Nitropropane	4.729	41	13619	33.43	ug/L		99
66)	4-Methyl-2-pentanone	4.820	43	49629	30.00	ug/L		93
67)	trans-1,3-Dichloropropene	4.851	75	5713	6.20	ug/L		90
68)	Tetrachloroethene	4.839	166	3357	6.13	ug/L		92
69)	Ethyl methacrylate	4.948	69	4028	4.65	ug/L	#	65
70)	1,1,2-Trichloroethane	4.954	83	2901	5.92	ug/L	#	82
71)	Dibromochloromethane	5.076	129	3965	6.40	ug/L		95
72)	1,3-Dichloropropane	5.137	76	5580	5.68	ug/L		80
73)	1,2-Dibromoethane	5.235	107	3832	6.03	ug/L		90
74)	3,3-Dimethyl-1-Butanol	5.363	57	92507	279.43	ug/L		84
75)	2-hexanone	5.381	43	58134	31.22	ug/L		83
76)	1-Chlorohexane	5.576	91	4334m	5.58	ug/L		
77)	Ethylbenzene	5.613	91	14175m	5.71	ug/L		
78)	Chlorobenzene	5.594	112	8782	6.01	ug/L		92
79)	1,1,1,2-Tetrachloroethane	5.637	131	3568	6.61	ug/L		97
80)	m,p-Xylene	5.716	91	22118	11.50	ug/L		99
81)	o-Xylene	6.027	91	10203	5.28	ug/L		95
82)	Styrene	6.064	104	7781	5.40	ug/L		91
83)	Bromoform	6.082	173	3029	6.77	ug/L		92
84)	Isopropylbenzene	6.259	105	12301	5.48	ug/L		98
87)	cis-1,4-Dichloro-2-butene	6.515	53	2938	6.00	ug/L	#	72
88)	n-Propylbenzene	6.570	91	15735	5.67	ug/L		99
89)	Bromobenzene	6.539	156	3556	6.09	ug/L		95
90)	1,1,2,2-Tetrachloroethane	6.613	83	5605	5.54	ug/L		94
91)	1,3,5-Trimethylbenzene	6.716	105	10193	5.40	ug/L		94
92)	2-Chlorotoluene	6.686	91	8623	5.48	ug/L		96
93)	trans-1,4-Dichloro-2-B...	6.753	53	2760	6.31	ug/L		78
94)	1,2,3-Trichloropropane	6.722	110	1924	6.35	ug/L		91
95)	Cyclohexanone	6.747	55	2906	27.10	ug/L		90
96)	4-Chlorotoluene	6.808	91	10180	5.86	ug/L		96
97)	tert-Butylbenzene	6.966	91	5944	5.62	ug/L		94
98)	1,2,4-Trimethylbenzene	7.021	105	10477	5.44	ug/L		99
99)	Pentachloroethane	6.978	167	1941	6.10	ug/L	#	5
100)	sec-Butylbenzene	7.106	105	11919	5.37	ug/L		98
101)	4-Isopropyltoluene	7.222	119	9579	5.24	ug/L		99
102)	1,3-Dichlorobenzene	7.265	146	6804	6.10	ug/L		96
103)	1,2,3-Trimethylbenzene	7.356	105	10852	5.41	ug/L		98
104)	1,4-Dichlorobenzene	7.332	146	7013m	6.09	ug/L		
105)	n-Butylbenzene	7.539	92	5279	5.08	ug/L	#	79
106)	Benzyl Chloride	7.527	126	1942	5.67	ug/L	#	83
107)	1,2-Dichlorobenzene	7.649	146	6506	6.00	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:50:40 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

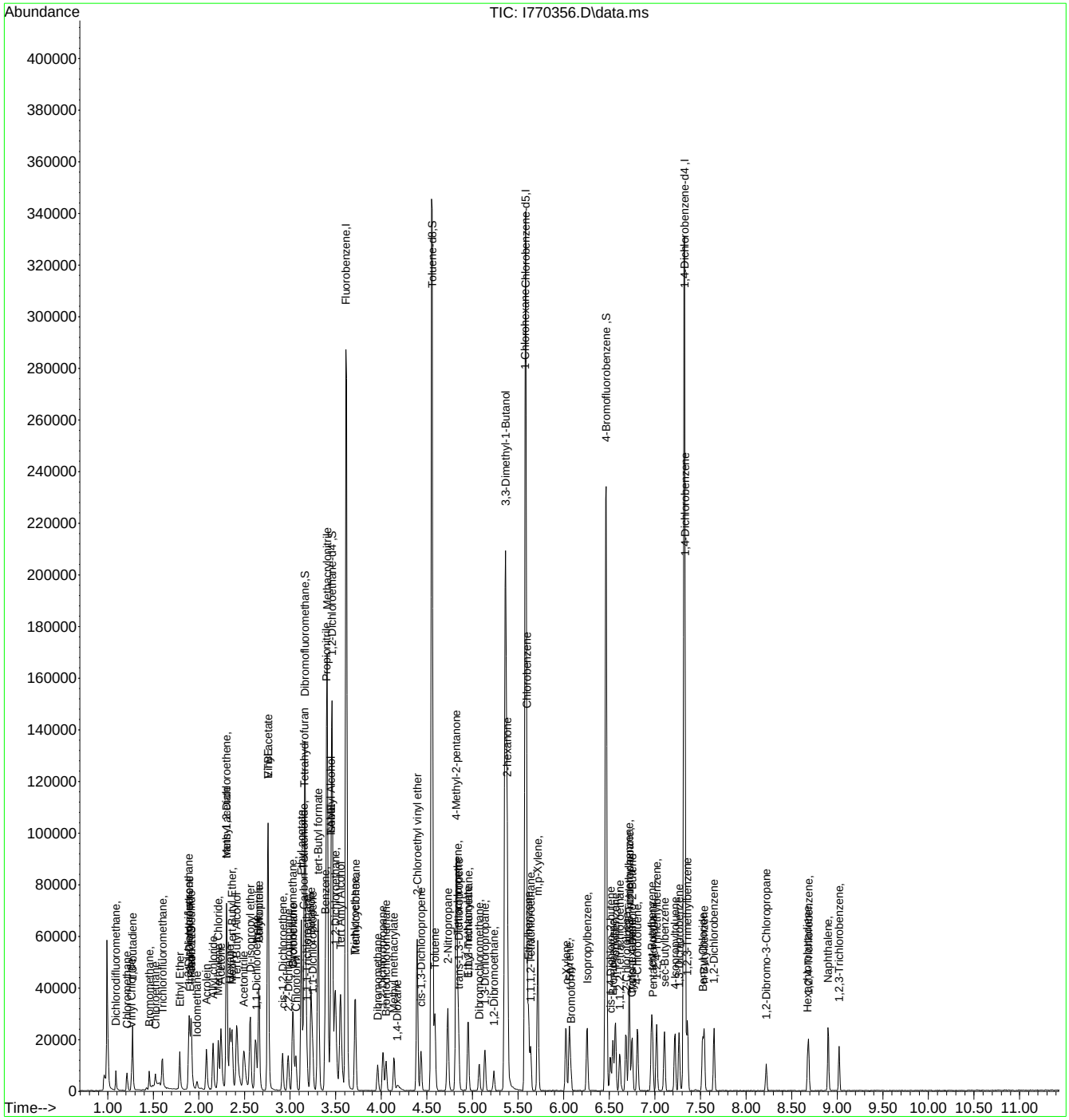
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	1763	6.30	ug/L	84
109) Hexachlorobutadiene	8.673	225	1367	5.90	ug/L	85
110) 1,2,4-Trichlorobenzene	8.685	180	3296	5.20	ug/L	96
111) Naphthalene	8.899	128	12002	5.09	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	3199	5.48	ug/L	88

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:50:40 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

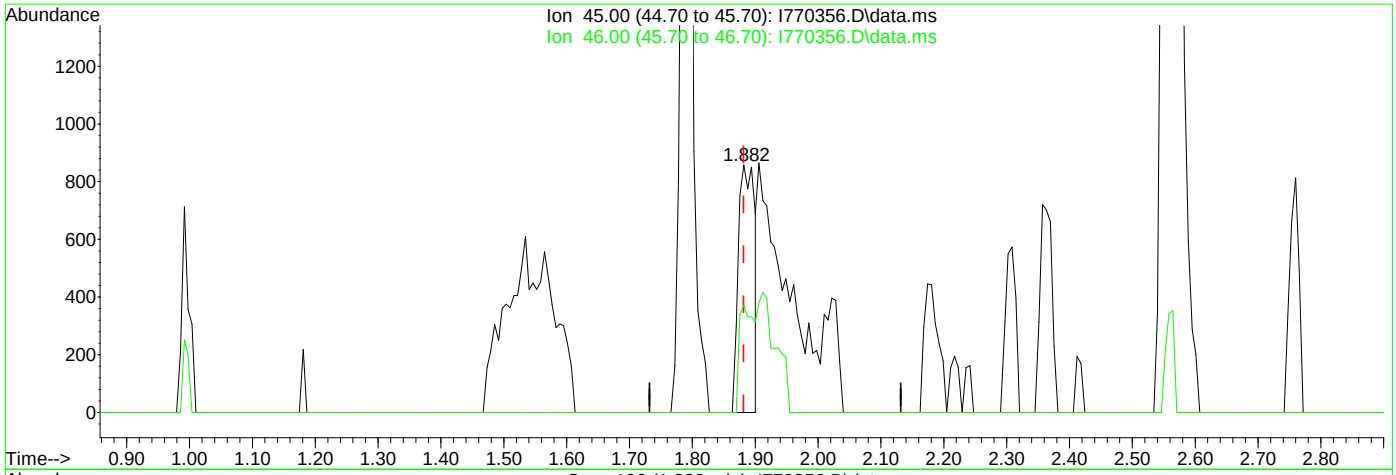
Sample Number: VI3517-IC3517
Lab FileID: I770356.D
Injection Time: 03/30/25 12:20
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

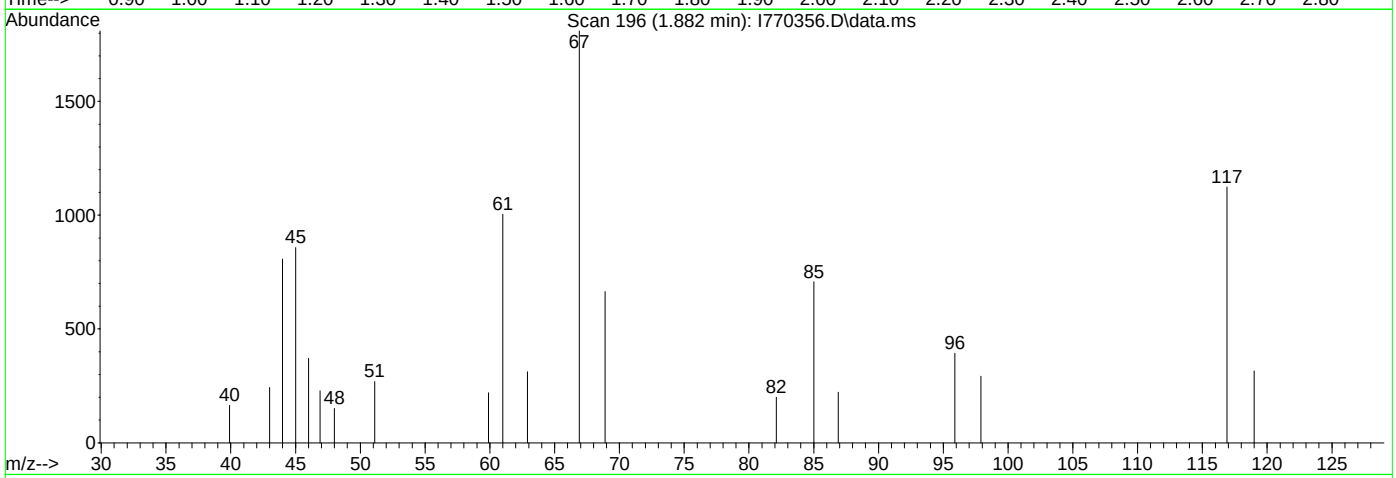
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.91	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.15	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(10) Ethanol

1.882min (-0.000) 52.56ug/L

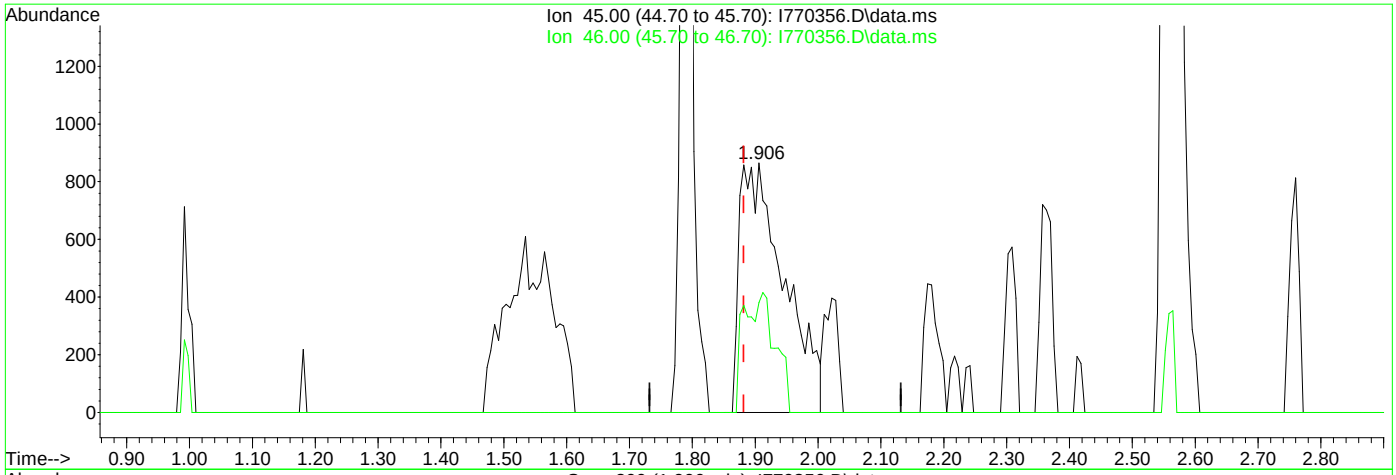
response 1545

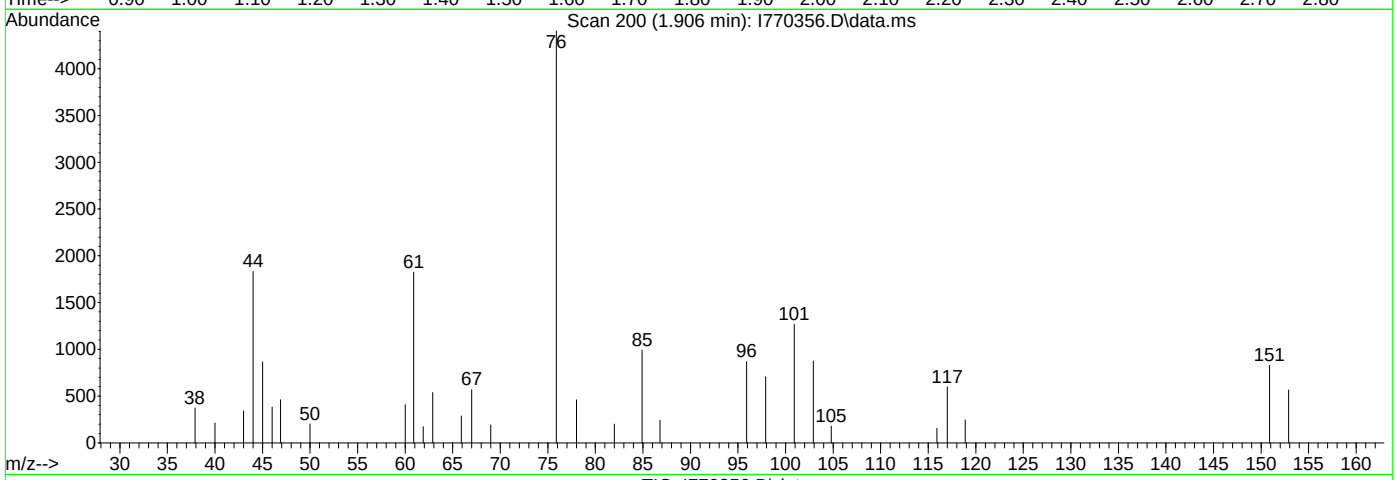
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	43.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(10) Ethanol

1.906min (+0.024) 147.08ug/L m

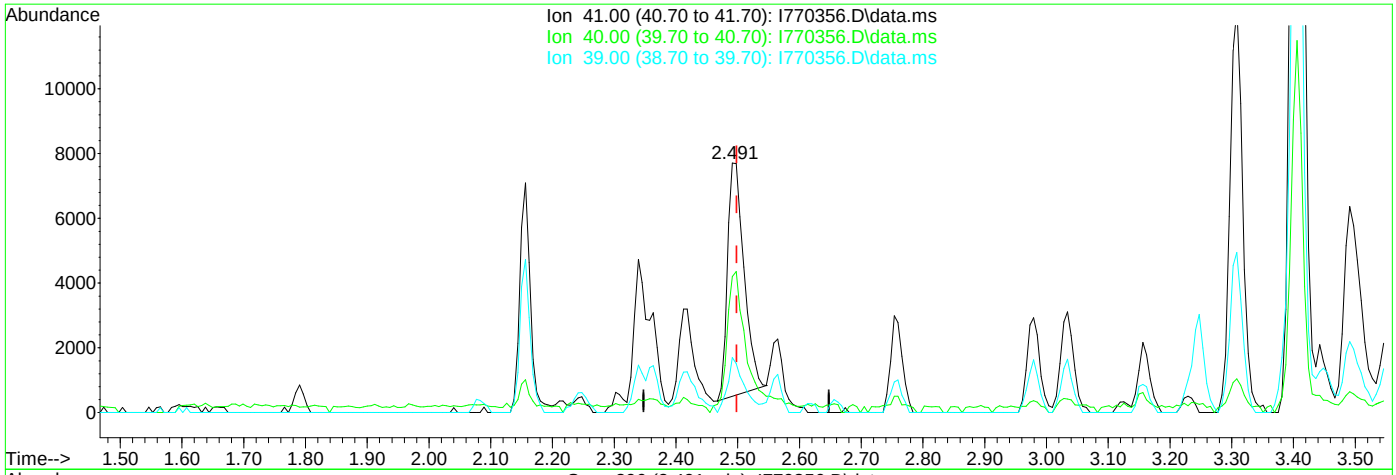
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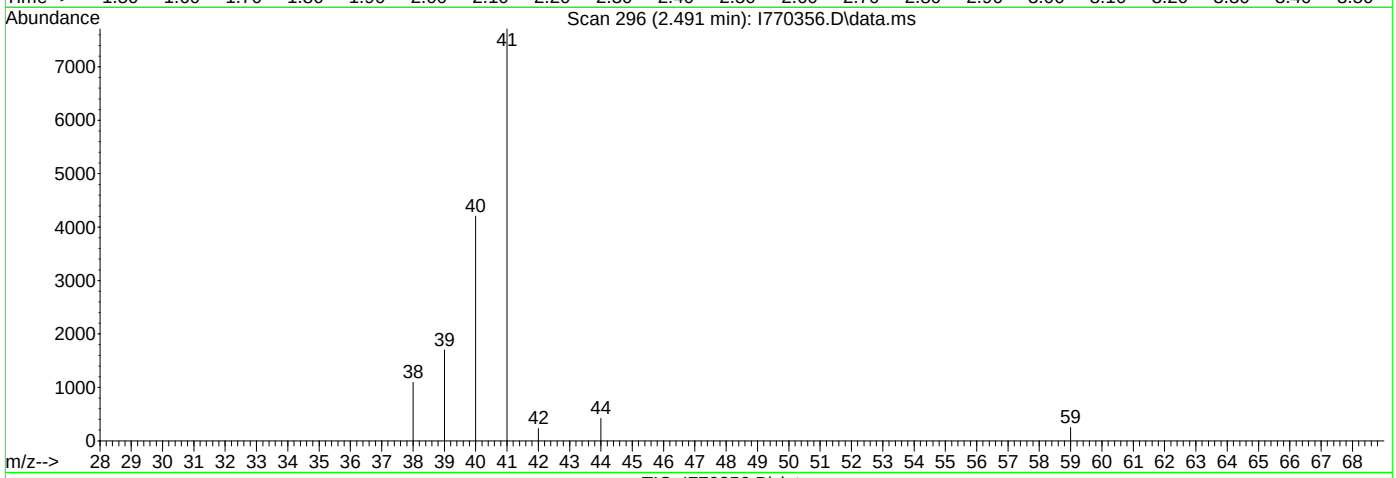
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	44.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 57.22ug/L

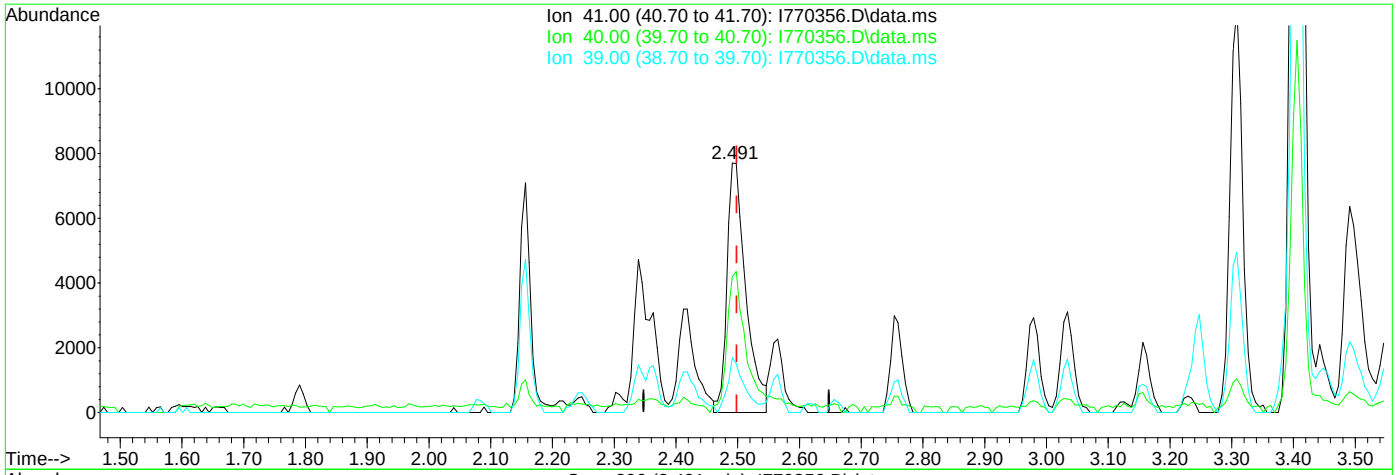
response 13426

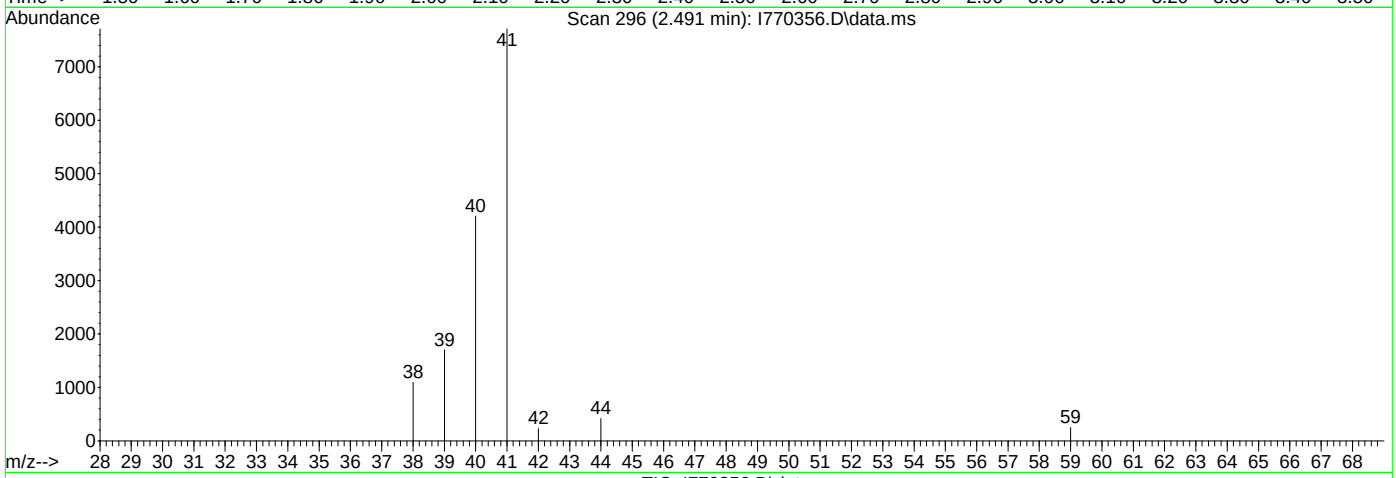
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.68
39.00	20.00	23.19
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 69.87ug/L m

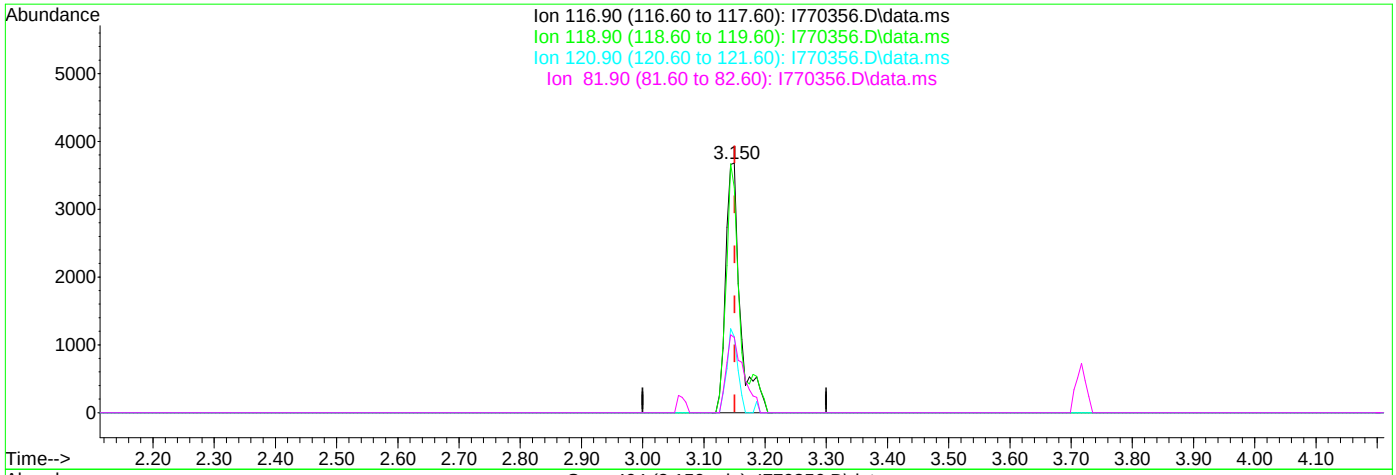
response 16394

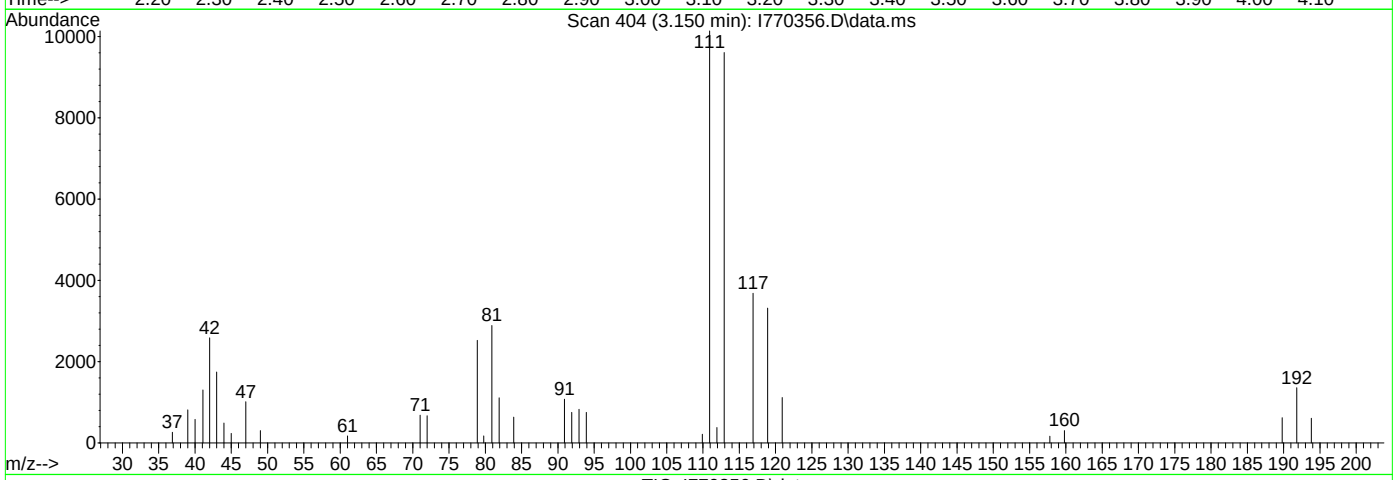
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.50
39.00	20.00	22.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (-0.000) 8.17ug/L

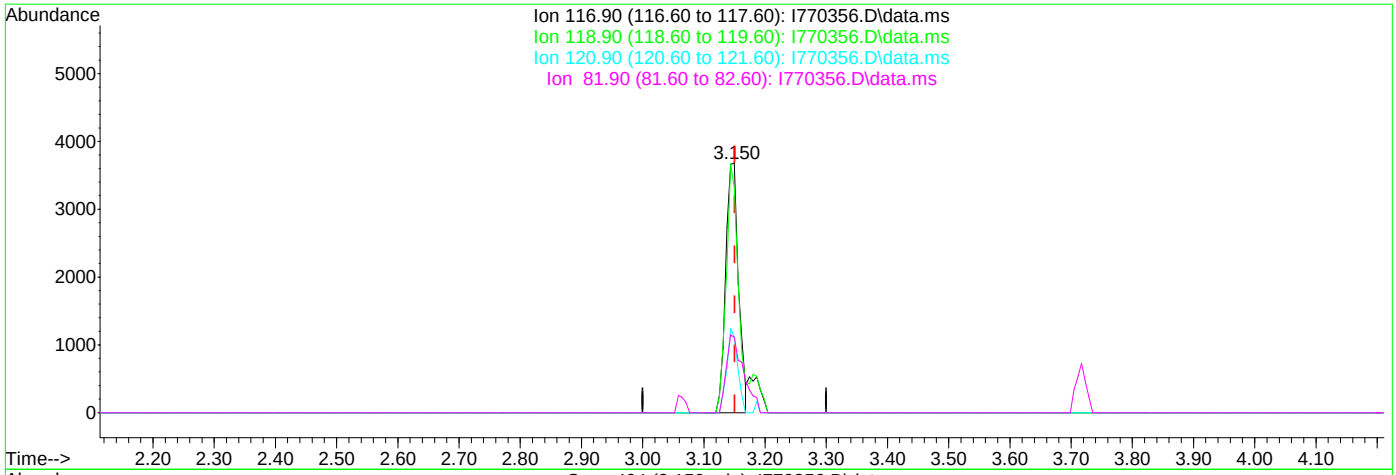
response 6112

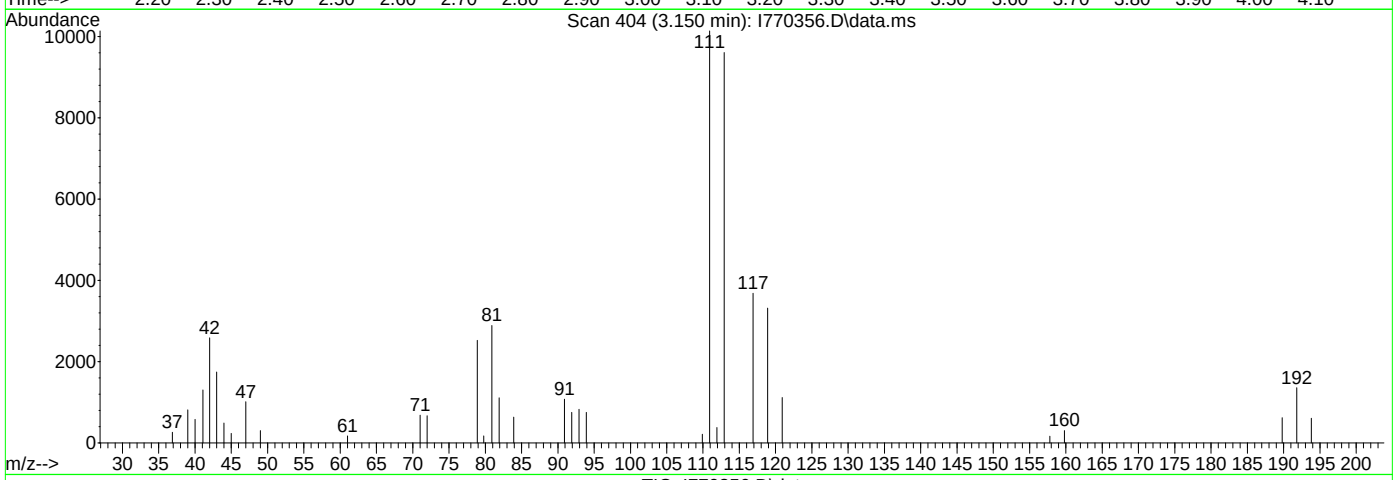
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	90.06
120.90	29.40	30.33
81.90	25.70	30.11

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (-0.000) 7.18ug/L m

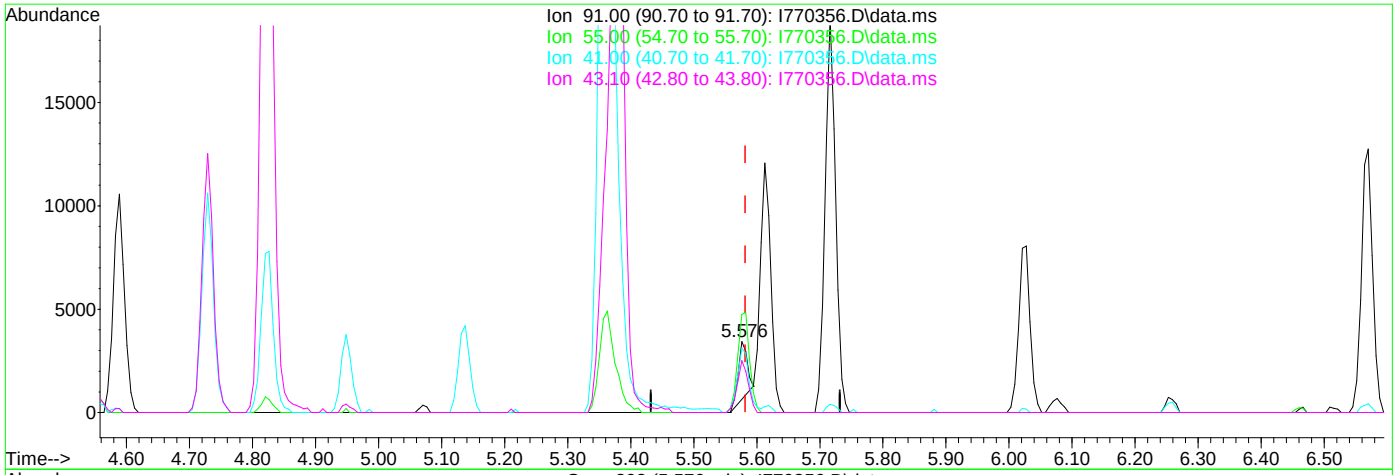
response 5369

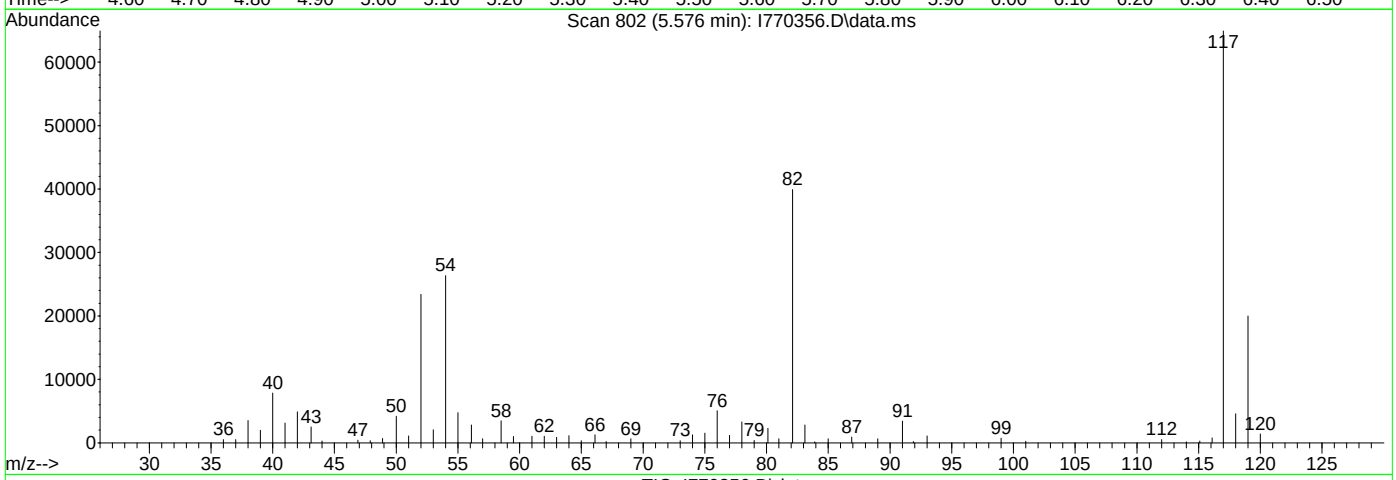
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	90.06
120.90	29.40	30.33
81.90	25.70	30.11

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 3.78ug/L

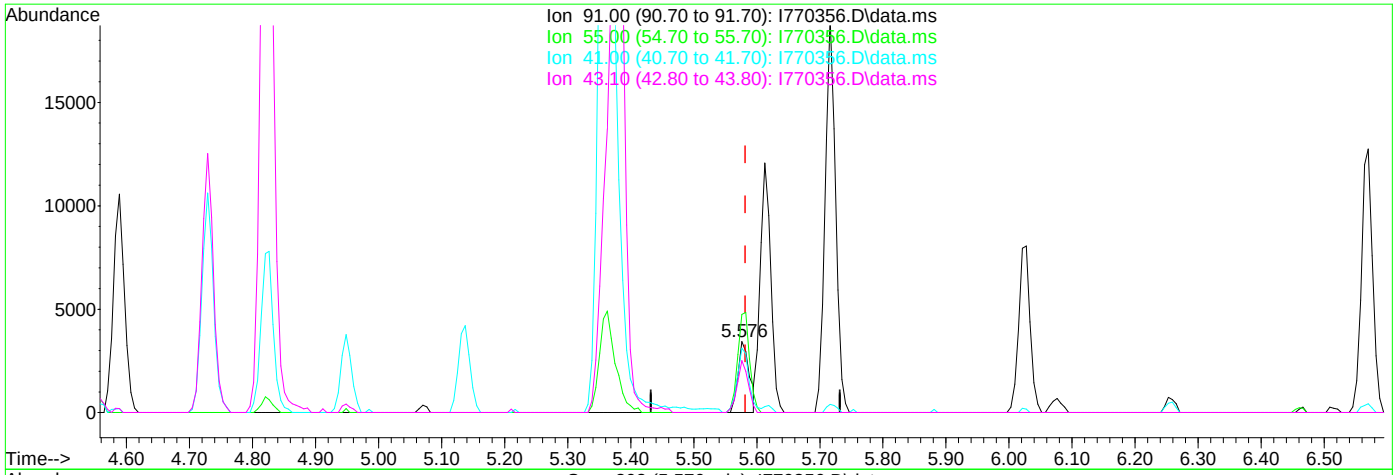
response 2938

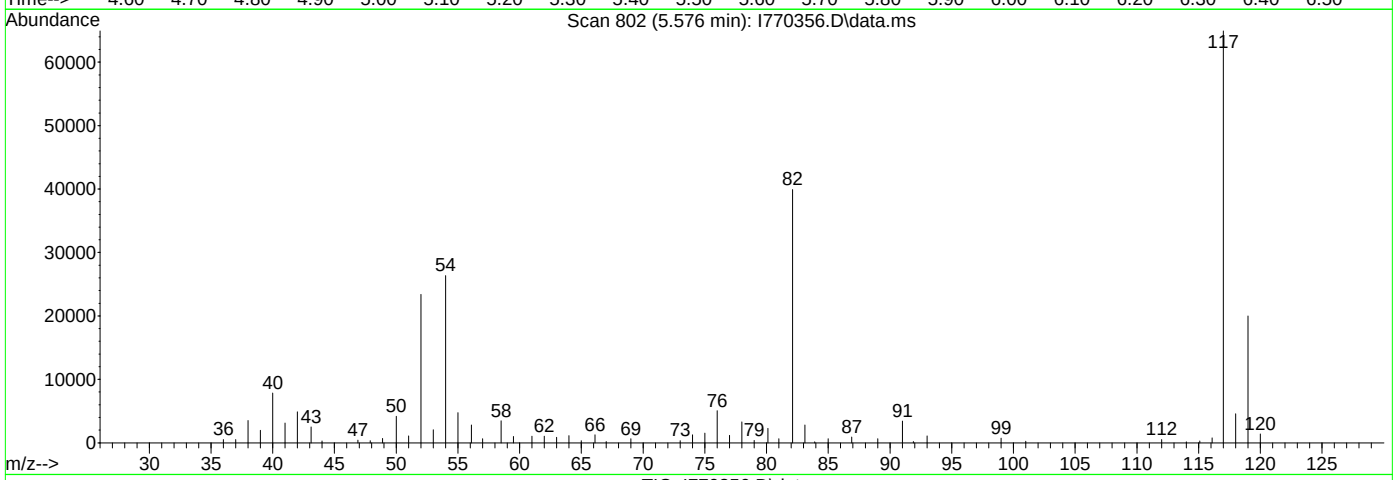
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	132.36#
41.00	64.20	84.01
43.10	52.80	67.23

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 5.58ug/L m

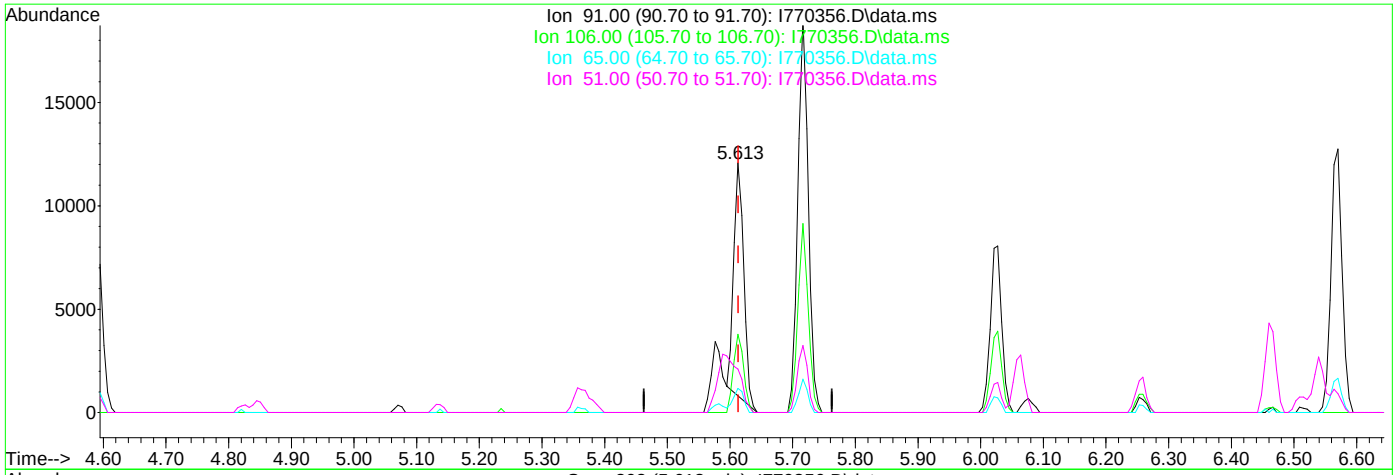
response 4334

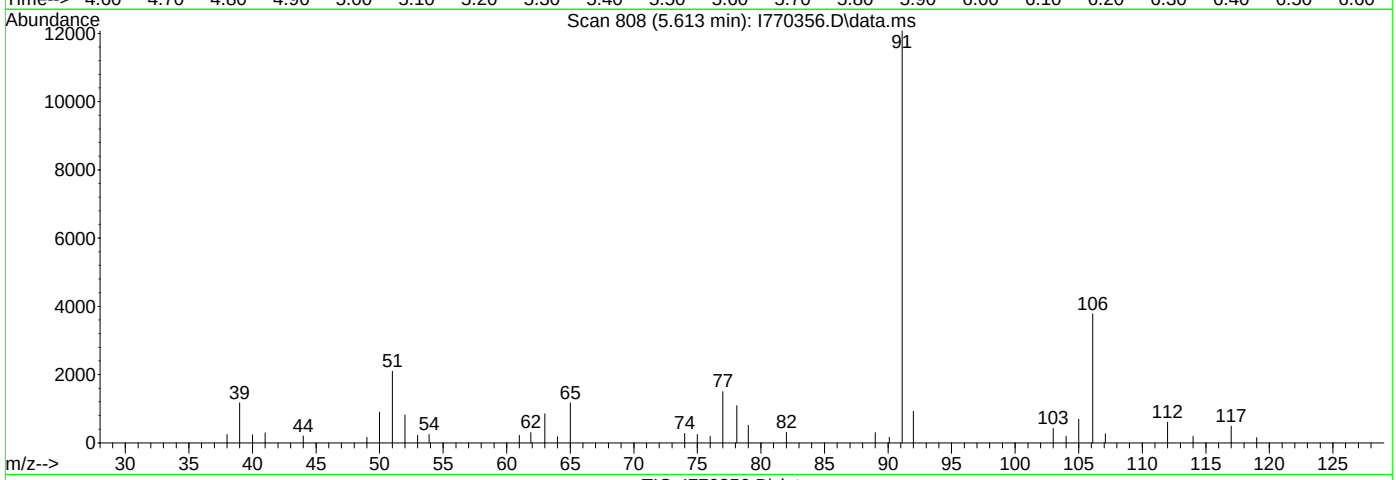
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	138.24#
41.00	64.20	90.52#
43.10	52.80	73.10#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 4.96ug/L

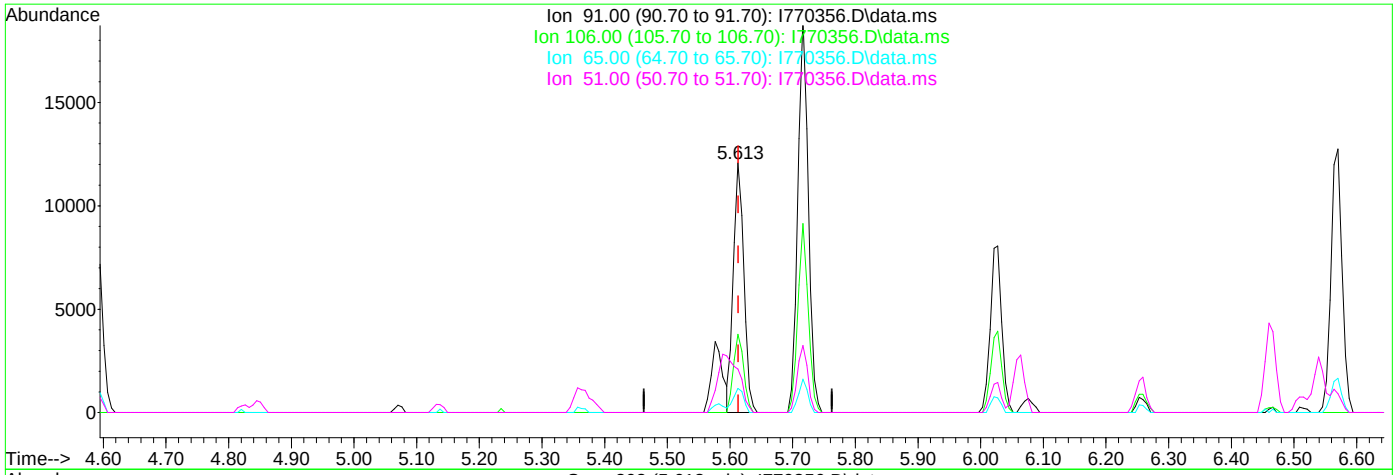
response 12309

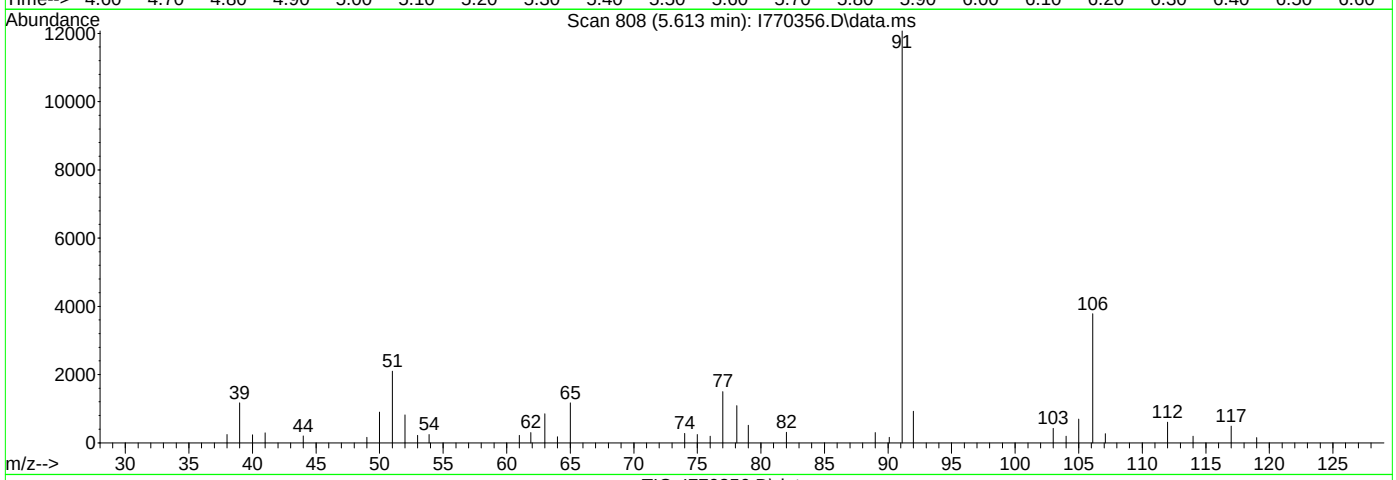
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.33
65.00	9.50	9.71
51.00	11.40	17.40

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 5.71ug/L m

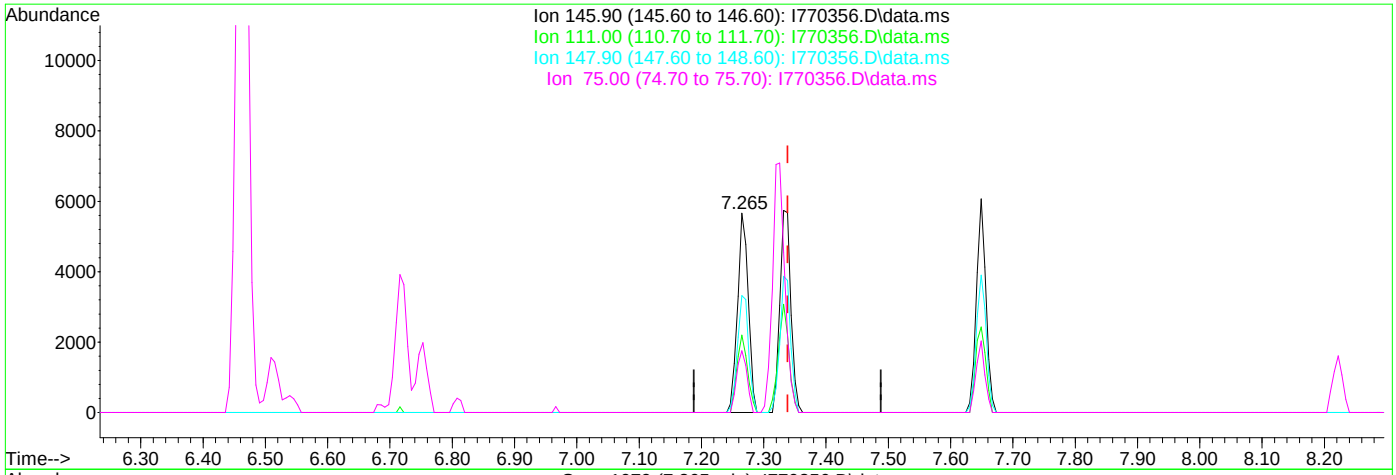
response 14175

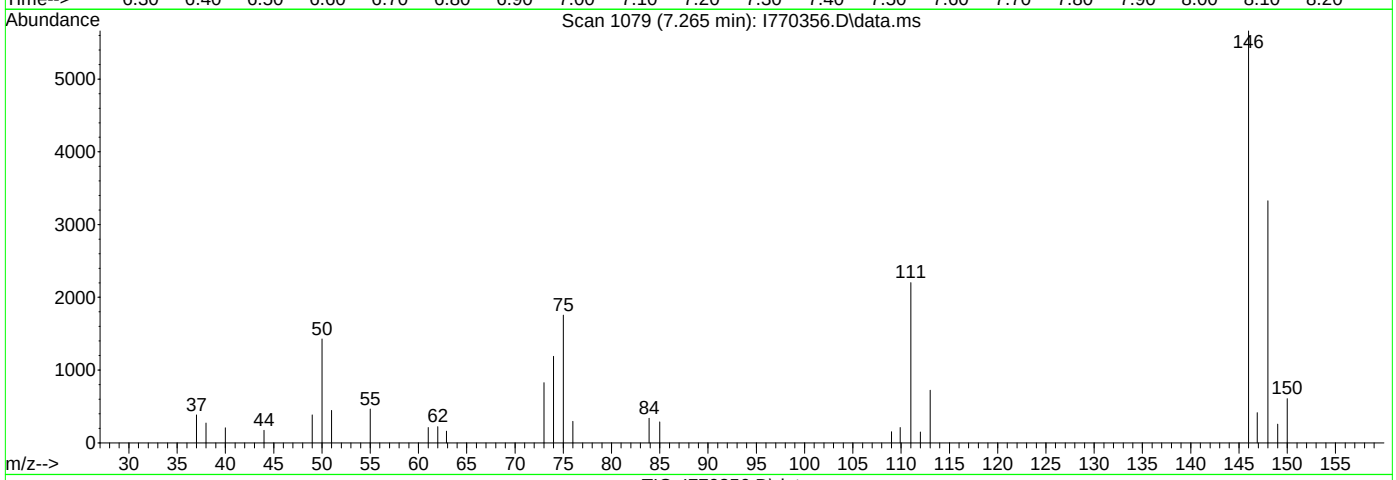
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.33
65.00	9.50	9.71
51.00	11.40	17.40

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(104) 1,4-Dichlorobenzene

7.265min (-0.073) 5.91ug/L

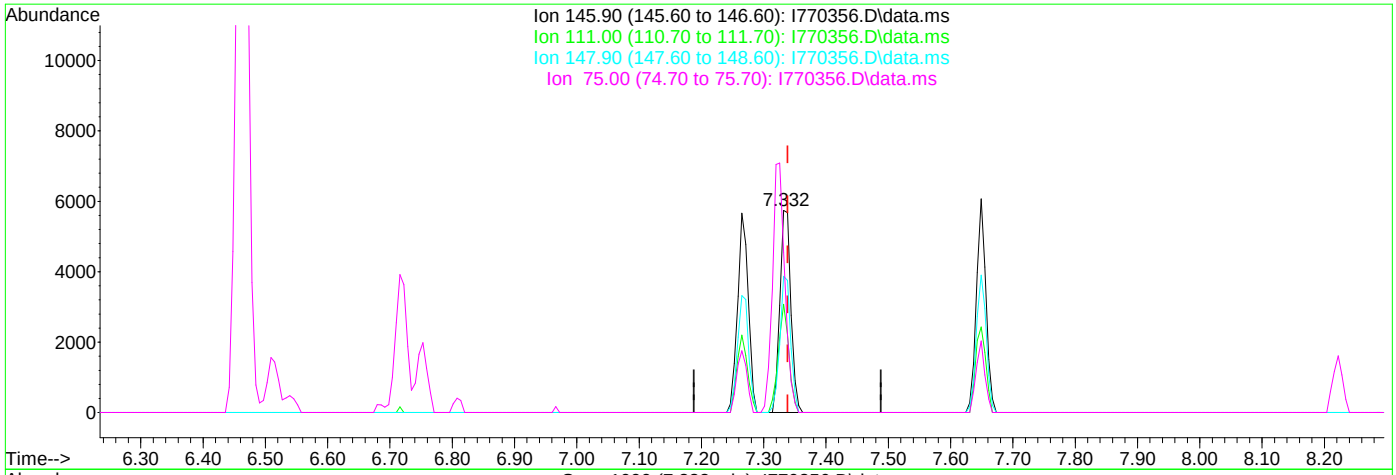
response 6804

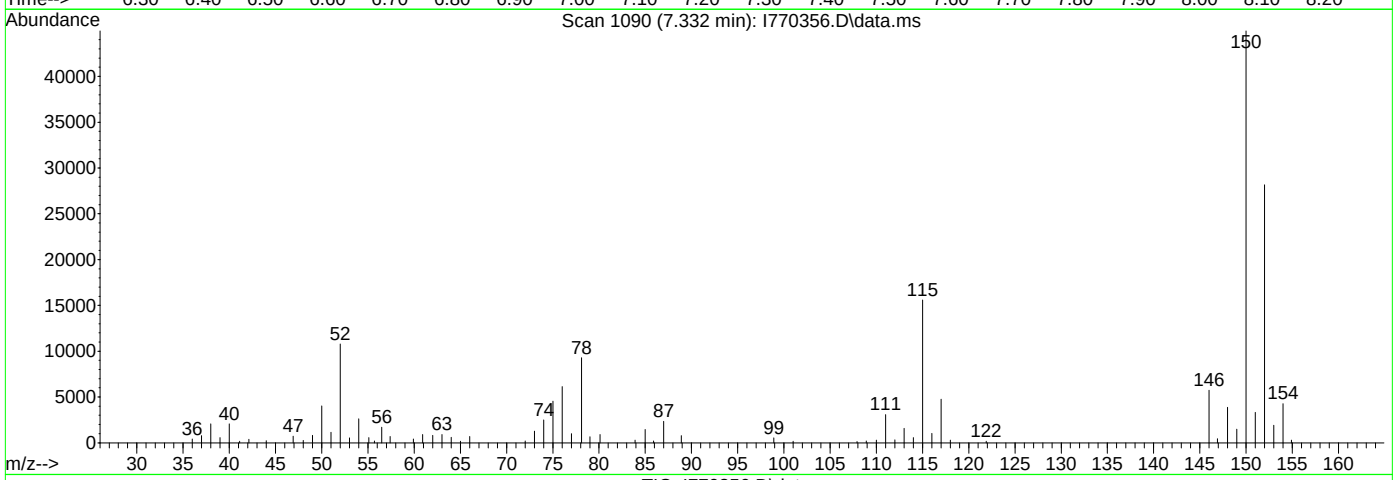
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	38.91
147.90	63.70	58.72
75.00	32.10	30.99

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770356.D
Acq On : 30 Mar 2025 12:20 pm
Operator : jeniferw
Sample : IC3517-2 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 31 05:45:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770356.D\data.ms

(104) 1,4-Dichlorobenzene

7.332min (-0.006) 6.09ug/L m

response 7013

Ion	Exp%	Act%
145.90	100	100
111.00	39.80	53.62
147.90	63.70	67.49
75.00	32.10	79.29#

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:51:34 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.619	96	158688	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	110724	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	61316	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	47438	52.74	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 105.48%				
49) 1,2-Dichloroethane-d4	3.461	65	66656	56.85	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 113.70%				
63) Toluene-d8	4.558	98	154803	48.38	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.76%				
86) 4-Bromofluorobenzene	6.466	174	46096	52.29	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 104.58%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	6742	9.47	ug/L		99
3) Chloromethane	1.211	50	9091	9.48	ug/L		97
4) 1,3-butadiene	1.278	39	8850	12.28	ug/L		94
5) Vinyl Chloride	1.266	62	7192	8.85	ug/L		98
6) Bromomethane	1.455	94	3692	10.85	ug/L		94
7) Chloroethane	1.522	64	3540	15.19	ug/L		96
8) Trichlorofluoromethane	1.601	101	10142	13.26	ug/L		99
9) Ethyl Ether	1.790	59	8493	13.41	ug/L		81
10) Ethanol	1.888	45	8378m	293.70	ug/L		
11) 1,2-Dichlorotrifluoroe...	1.894	67	7718	12.57	ug/L		97
12) 1,1-Dichloroethene	1.900	61	13178	13.52	ug/L		94
13) Freon 113	1.918	101	6078	12.29	ug/L		91
14) Carbon Disulfide	1.918	76	19093	12.56	ug/L		89
15) Iodomethane	1.979	142	4258	7.71	ug/L		91
16) Acrolein	2.083	56	17225	62.52	ug/L		95
17) Allyl chloride	2.156	41	14910	13.26	ug/L		92
18) Methylene Chloride	2.211	49	15044	15.03	ug/L		74
19) Acetone	2.247	43	36266	74.30	ug/L		96
20) Methyl acetate	2.308	43	87786	62.98	ug/L		93
21) trans-1,2-Dichloroethene	2.302	61	11982	12.50	ug/L		92
22) Hexane	2.339	56	7838	12.88	ug/L	#	71
23) Methyl Tert Butyl Ether	2.363	73	20152	11.27	ug/L	#	55
24) Acetonitrile	2.497	41	28464m	119.96	ug/L		
25) Tert Butyl Alcohol	2.418	59	41991	108.31	ug/L		85
26) Di-isopropyl ether	2.564	45	32200	12.29	ug/L		95
27) Chloroprene	2.662	53	39664	11.80	ug/L		82
28) 1,1-Dichloroethane	2.632	63	13481	11.10	ug/L		98
29) Acrylonitrile	2.656	52	31908	58.75	ug/L	#	69
30) ETBE	2.760	59	27177	11.30	ug/L		92
31) Vinyl acetate	2.760	43	149956	64.72	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	5978	10.48	ug/L	#	84
33) 2,2-Dichloropropane	2.979	77	9811	11.57	ug/L		97
34) Bromochloromethane	3.028	128	2921	10.31	ug/L	#	48
35) Cyclohexane	3.034	56	13476	10.32	ug/L	#	86
36) Chloroform	3.064	83	11925	11.19	ug/L		94
37) Ethyl acetate	3.125	43	106620	59.85	ug/L		94
38) Tetrahydrofuran	3.156	42	7887	11.55	ug/L		91
40) Carbon Tetrachloride	3.150	117	9536m	12.61	ug/L		
41) 1,1,1-Trichloroethane	3.186	97	10081	11.91	ug/L		99
42) 2-Butanone	3.229	43	61567	59.48	ug/L		84
43) 1,1-Dichloropropene	3.247	75	7326	10.82	ug/L		89
44) tert-Butyl formate	3.308	59	44872	64.84	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:51:34 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.400	54	33933	111.74	ug/L	#	10
46)	Methacrylonitrile	3.406	41	106252	116.75	ug/L		95
47)	Benzene	3.388	78	23158	10.77	ug/L		72
48)	TAME	3.448	73	19028	10.97	ug/L	#	77
50)	1,2-Dichloroethane	3.497	62	11884	12.06	ug/L		94
51)	Isobutyl Alcohol	3.448	43	7825	230.27	ug/L		72
52)	Tert Amyl Alcohol	3.552	59	33147	104.49	ug/L		85
53)	Trichloroethene	3.717	95	6412	10.75	ug/L		99
54)	Methylcyclohexane	3.717	83	7785	9.10	ug/L	#	72
55)	Dibromomethane	3.961	93	4486	10.51	ug/L		97
56)	1,2-Dichloropropane	4.022	63	7080	10.29	ug/L		88
57)	Bromodichloromethane	4.052	83	9133	11.33	ug/L	#	94
58)	Methyl methacrylate	4.137	41	10981	10.82	ug/L		85
59)	1,4-Dioxane	4.186	88	3285	175.05	ug/L		77
60)	2-Chloroethyl vinyl ether	4.393	63	32107	57.19	ug/L		85
61)	cis-1,3-Dichloropropene	4.436	75	10215	11.00	ug/L		92
64)	Toluene	4.588	91	23187	10.06	ug/L		100
65)	2-Nitropropane	4.729	41	24094	58.67	ug/L		100
66)	4-Methyl-2-pentanone	4.826	43	92703	55.59	ug/L		95
67)	trans-1,3-Dichloropropene	4.851	75	10087	10.85	ug/L		89
68)	Tetrachloroethene	4.838	166	5929	10.74	ug/L		94
69)	Ethyl methacrylate	4.948	69	8344	9.56	ug/L	#	73
70)	1,1,2-Trichloroethane	4.954	83	5114	10.35	ug/L		87
71)	Dibromochloromethane	5.076	129	6876	11.00	ug/L		98
72)	1,3-Dichloropropane	5.137	76	9831	9.92	ug/L		80
73)	1,2-Dibromoethane	5.235	107	6813	10.63	ug/L		100
74)	3,3-Dimethyl-1-Butanol	5.363	57	180711	541.50	ug/L		84
75)	2-hexanone	5.381	43	109822	58.50	ug/L		79
76)	1-Chlorohexane	5.582	91	7490m	9.56	ug/L		
77)	Ethylbenzene	5.613	91	26056m	10.41	ug/L		
78)	Chlorobenzene	5.594	112	15333	10.41	ug/L		90
79)	1,1,1,2-Tetrachloroethane	5.637	131	6123	11.25	ug/L		96
80)	m,p-Xylene	5.716	91	39736	20.50	ug/L		99
81)	o-Xylene	6.027	91	18881	9.69	ug/L		97
82)	Styrene	6.064	104	14599	10.06	ug/L		92
83)	Bromoform	6.082	173	5103	11.31	ug/L		94
84)	Isopropylbenzene	6.259	105	22269	9.83	ug/L		98
87)	cis-1,4-Dichloro-2-butene	6.509	53	5608	11.20	ug/L	#	74
88)	n-Propylbenzene	6.570	91	28274	9.97	ug/L		99
89)	Bromobenzene	6.545	156	6321	10.59	ug/L		86
90)	1,1,2,2-Tetrachloroethane	6.619	83	9793	9.46	ug/L		97
91)	1,3,5-Trimethylbenzene	6.722	105	19313	10.00	ug/L		98
92)	2-Chlorotoluene	6.686	91	15704	9.75	ug/L		98
93)	trans-1,4-Dichloro-2-B...	6.753	53	6024	13.45	ug/L		81
94)	1,2,3-Trichloropropane	6.722	110	3200	10.33	ug/L		94
95)	Cyclohexanone	6.747	55	5537	50.48	ug/L		90
96)	4-Chlorotoluene	6.808	91	18036	10.15	ug/L		95
97)	tert-Butylbenzene	6.966	91	10810	9.99	ug/L		91
98)	1,2,4-Trimethylbenzene	7.021	105	19347	9.82	ug/L		97
99)	Pentachloroethane	6.978	167	3892	11.96	ug/L	#	1
100)	sec-Butylbenzene	7.106	105	22092	9.72	ug/L		98
101)	4-Isopropyltoluene	7.222	119	17959	9.60	ug/L		98
102)	1,3-Dichlorobenzene	7.265	146	11756	10.31	ug/L		98
103)	1,2,3-Trimethylbenzene	7.356	105	19903	9.69	ug/L		97
104)	1,4-Dichlorobenzene	7.338	146	12421	10.54	ug/L		97
105)	n-Butylbenzene	7.539	92	10050	9.46	ug/L		88
106)	Benzyl Chloride	7.527	126	3607	10.30	ug/L		95
107)	1,2-Dichlorobenzene	7.649	146	11164	10.06	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:51:34 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

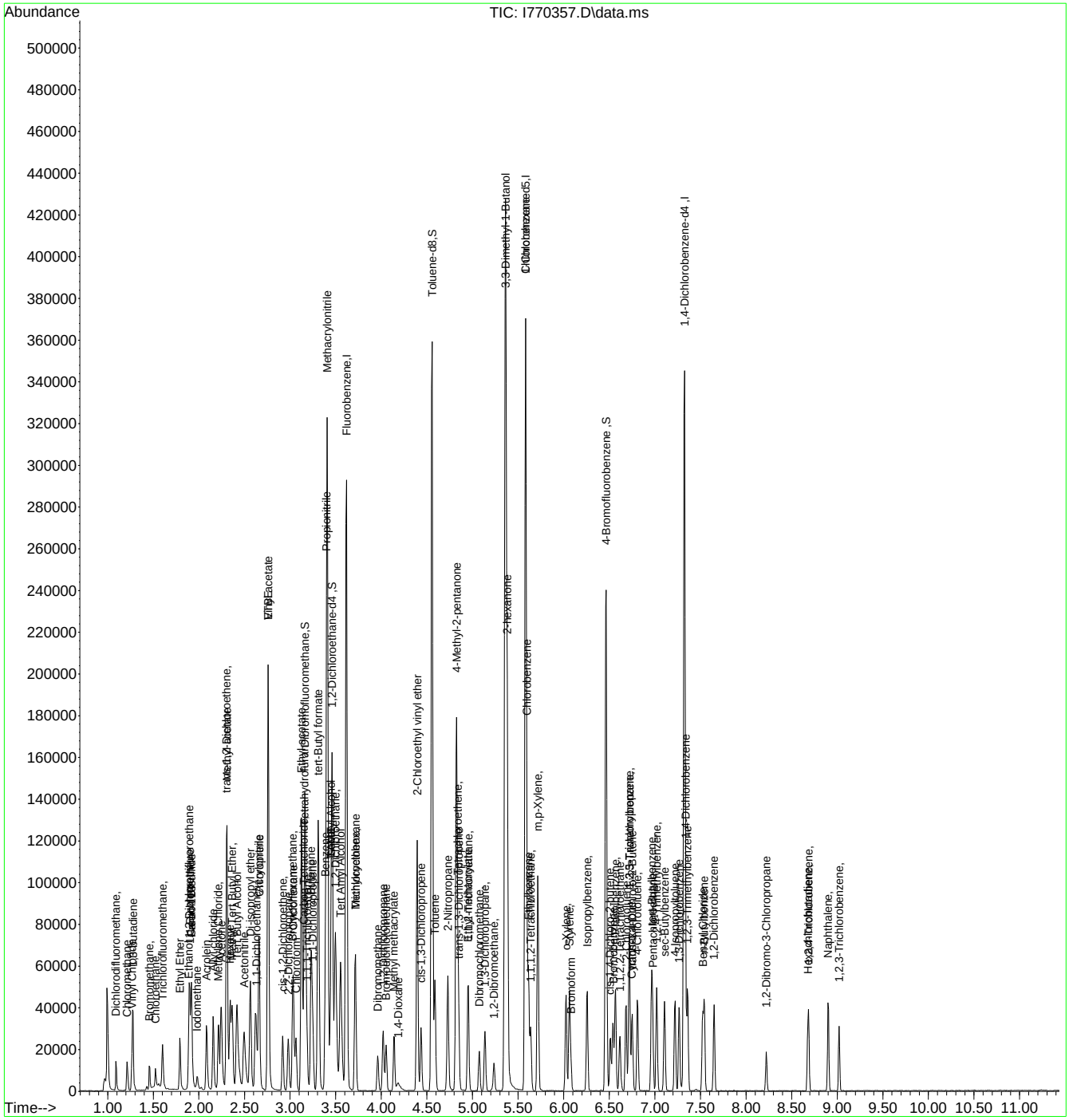
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	2957	10.32	ug/L	91
109) Hexachlorobutadiene	8.679	225	2490	10.51	ug/L	95
110) 1,2,4-Trichlorobenzene	8.685	180	5833	8.99	ug/L	94
111) Naphthalene	8.899	128	20675	8.58	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	5735	9.61	ug/L	95

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:51:34 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

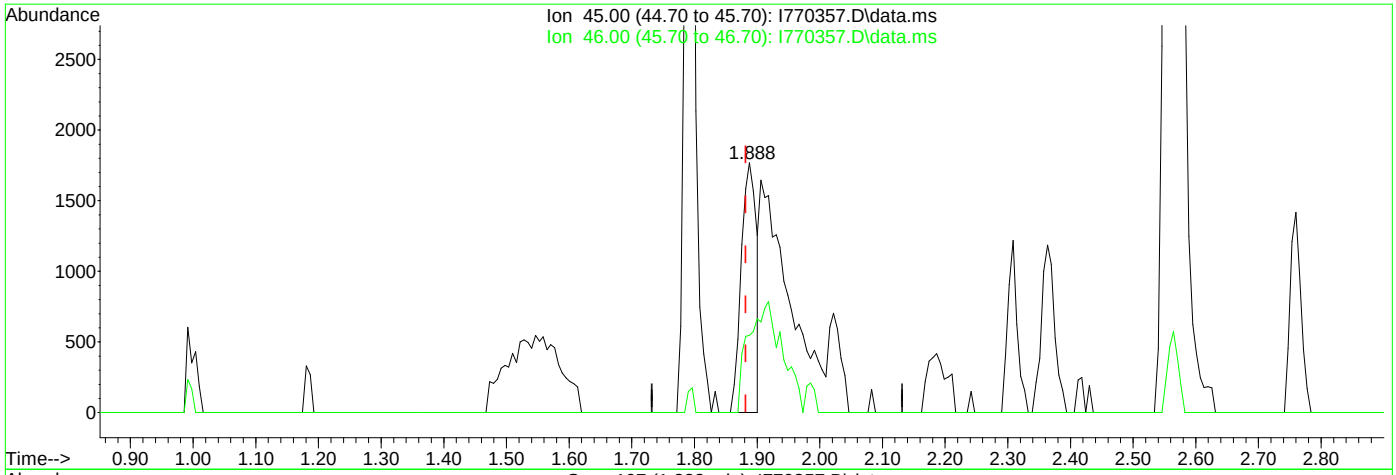
Sample Number: VI3517-IC3517
Lab FileID: I770357.D
Injection Time: 03/30/25 12:36
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

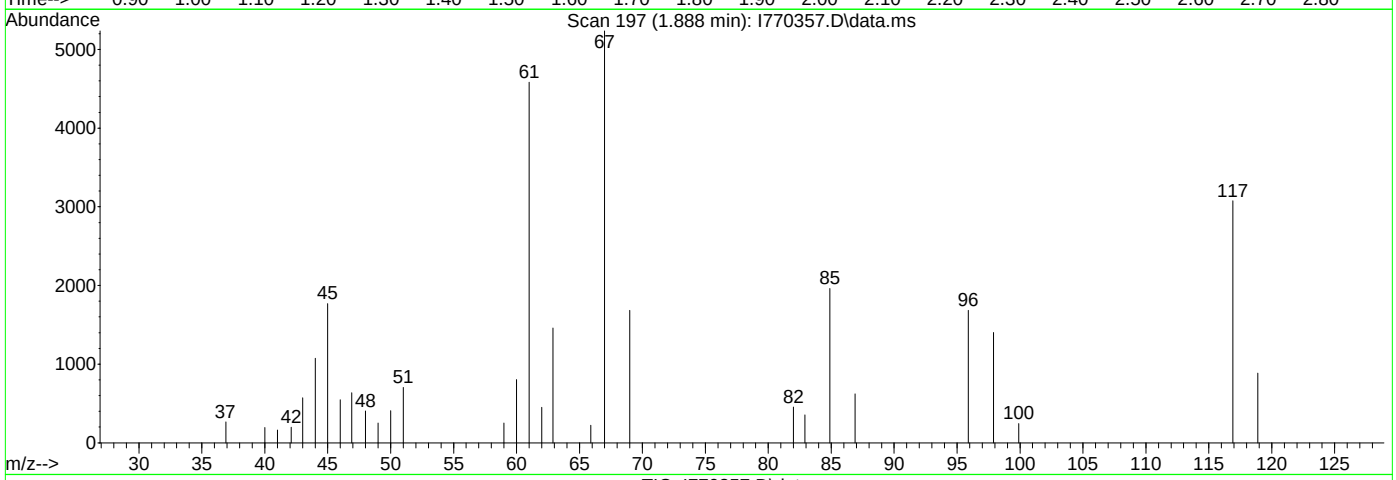
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.89	Poorly defined baseline
Acetonitrile	75-05-8		2.50	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.15	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(10) Ethanol

1.888min (+0.006) 100.39ug/L

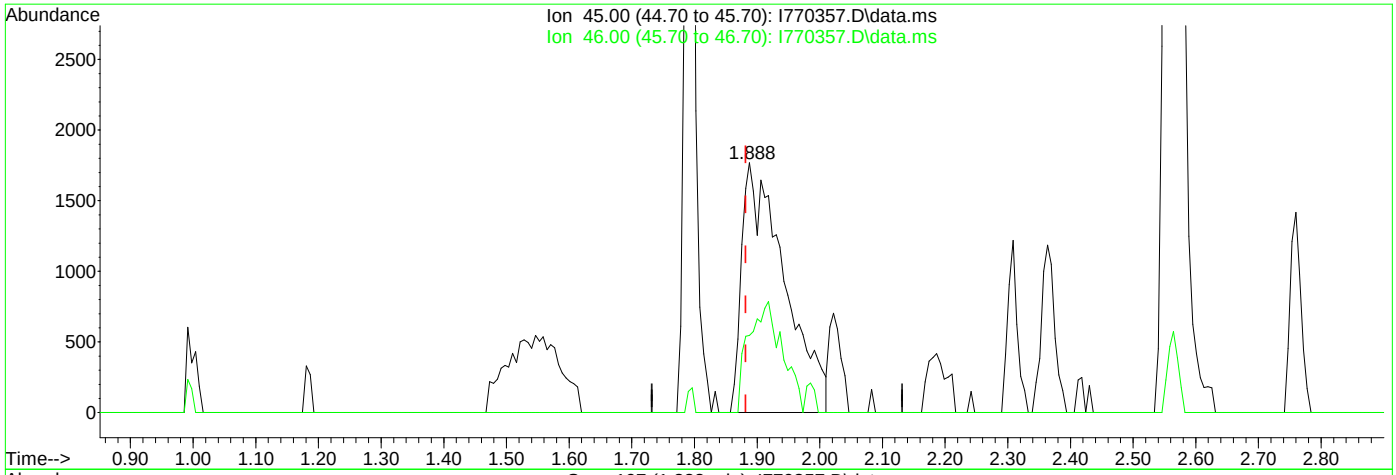
response 2960

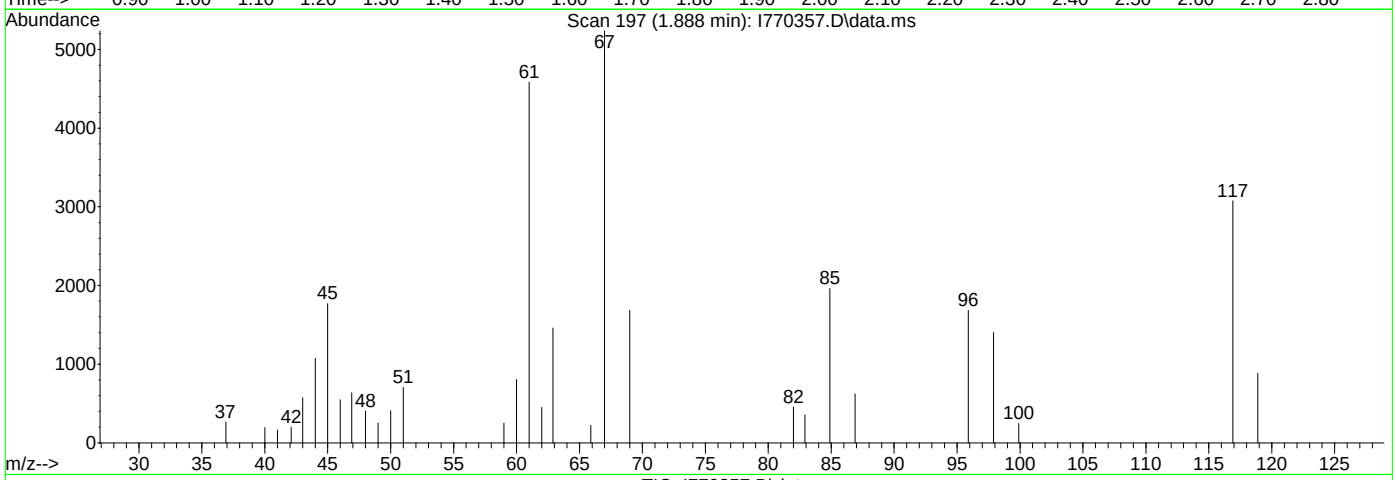
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	30.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(10) Ethanol

1.888min (+0.006) 293.70ug/L m

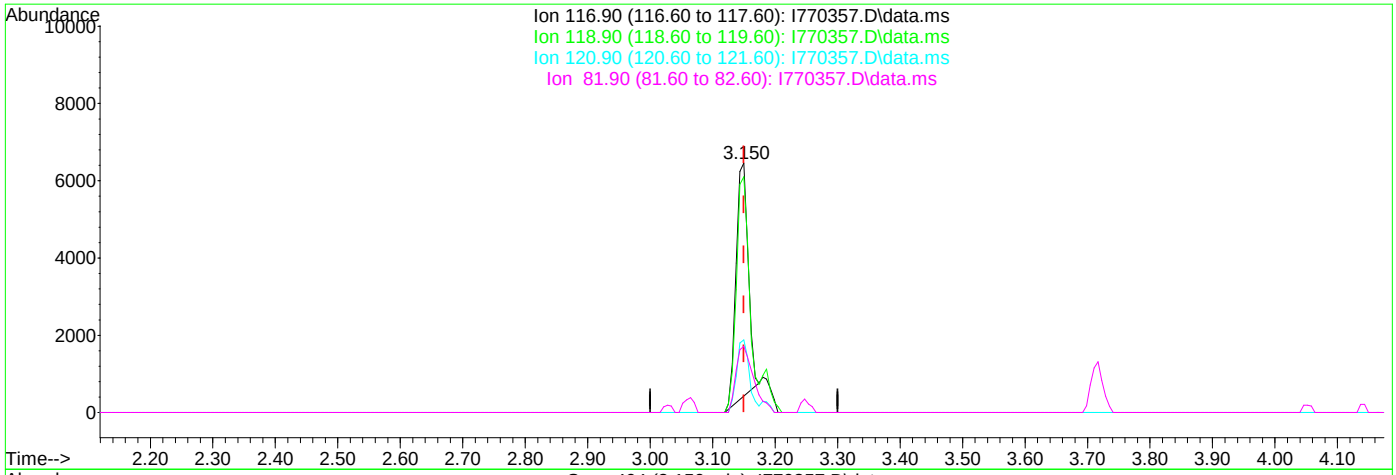
response 8378

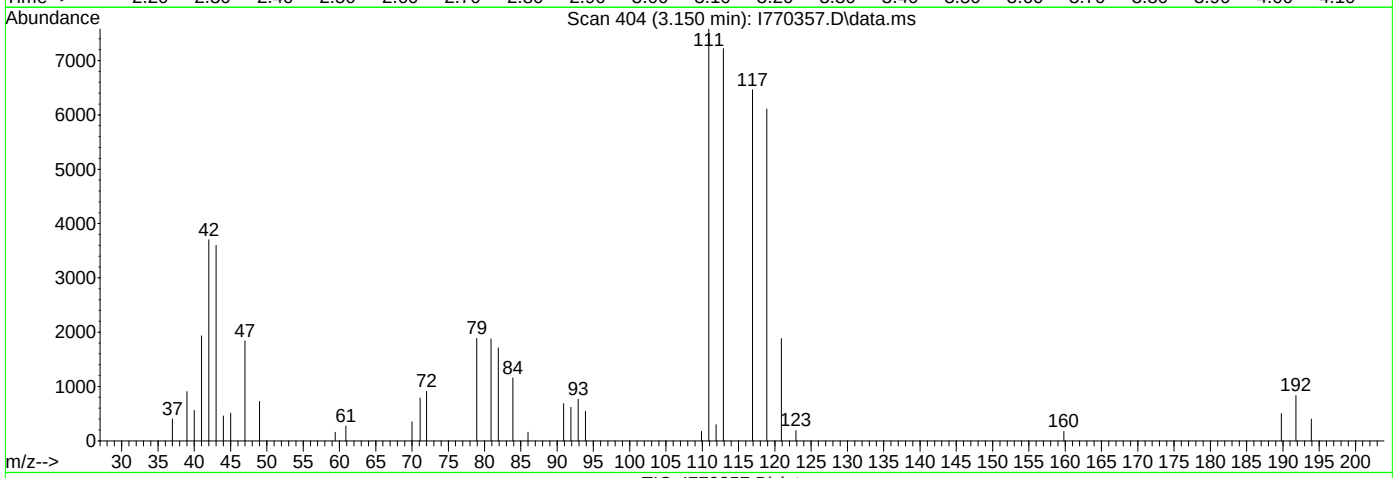
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	30.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (-0.000) 10.95ug/L

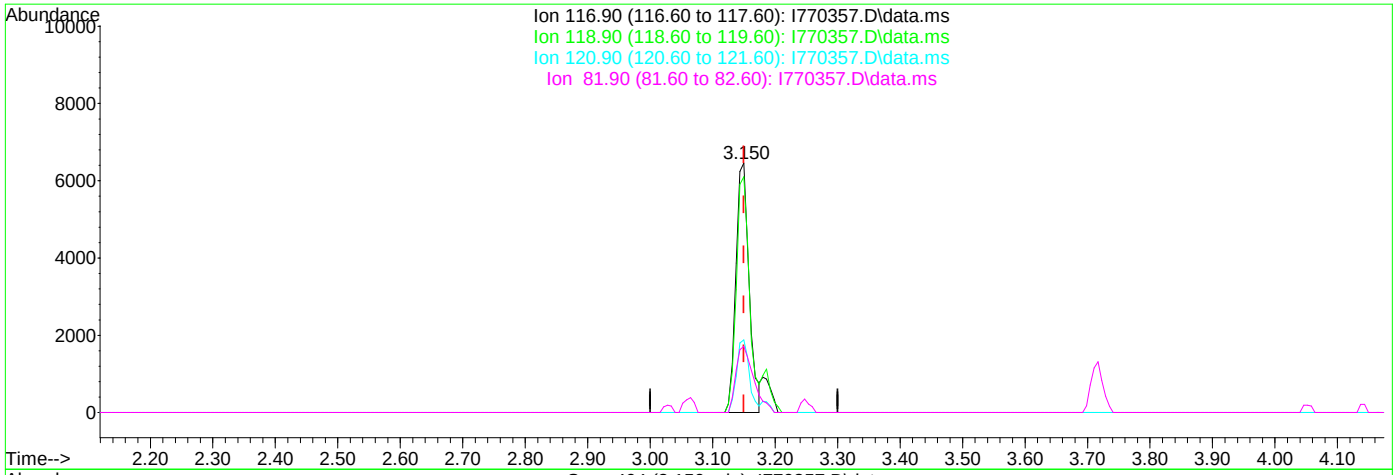
response 8281

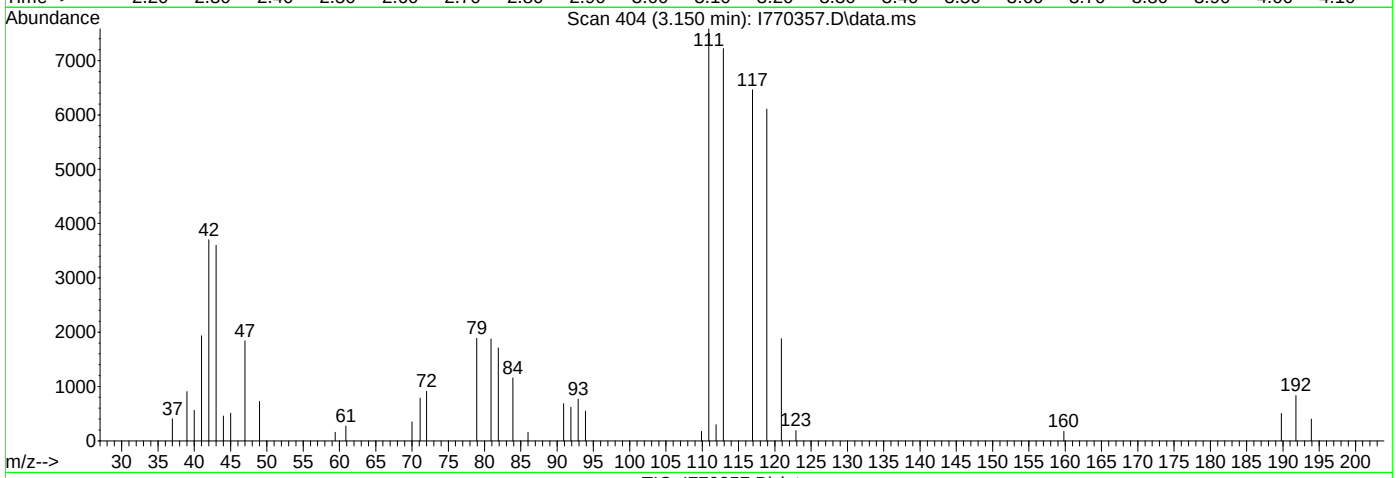
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	94.49
120.90	29.40	29.11
81.90	25.70	26.51

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (-0.000) 12.61ug/L m

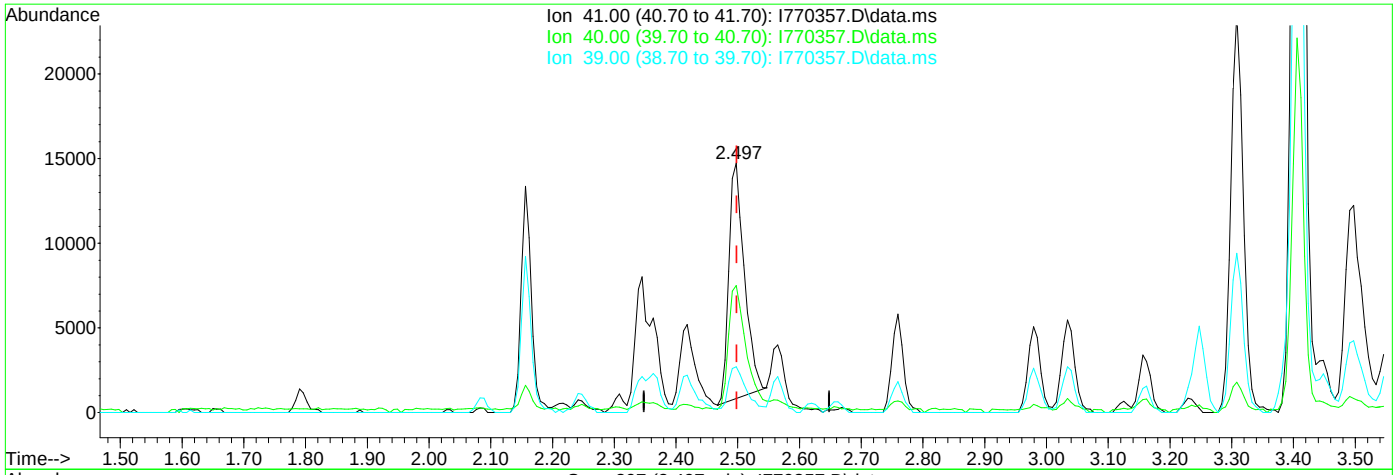
response 9536

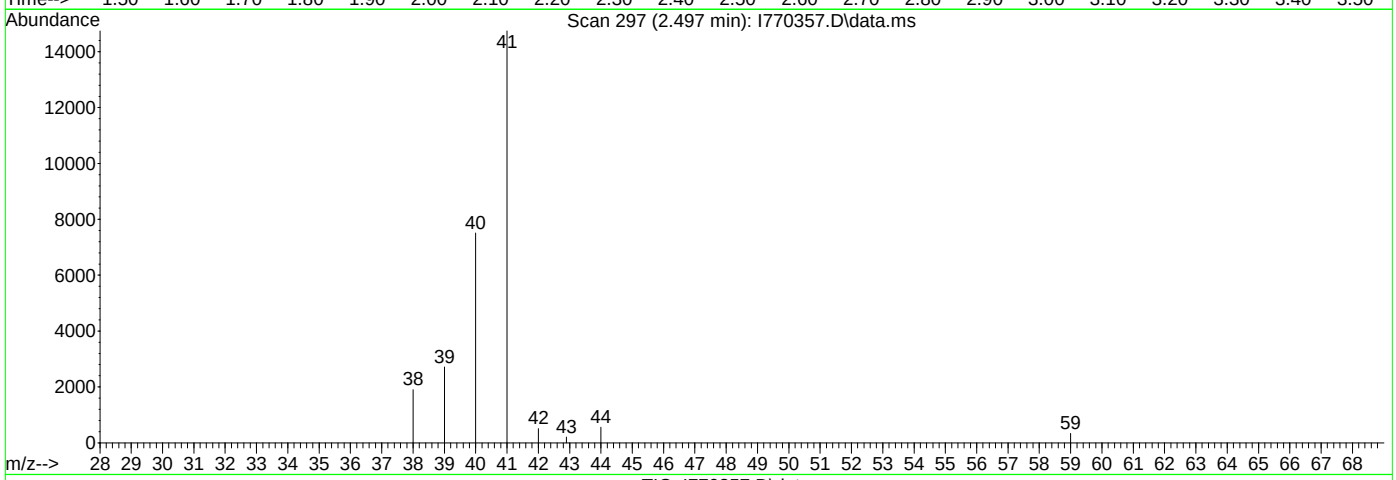
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	94.49
120.90	29.40	29.11
81.90	25.70	26.51

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(24) Acetonitrile

2.497min (-0.001) 103.16ug/L

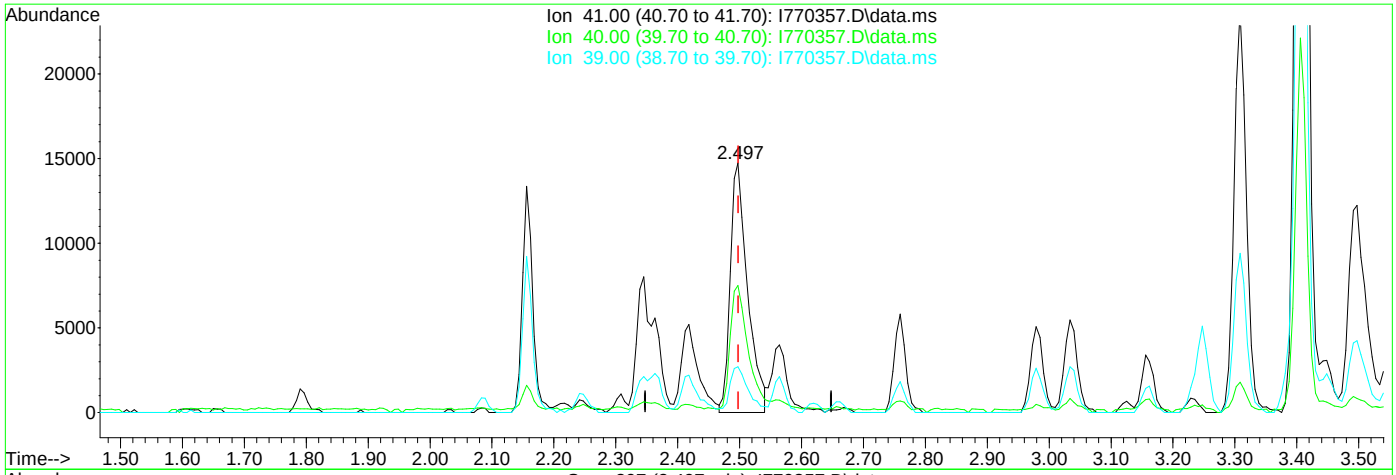
response 24477

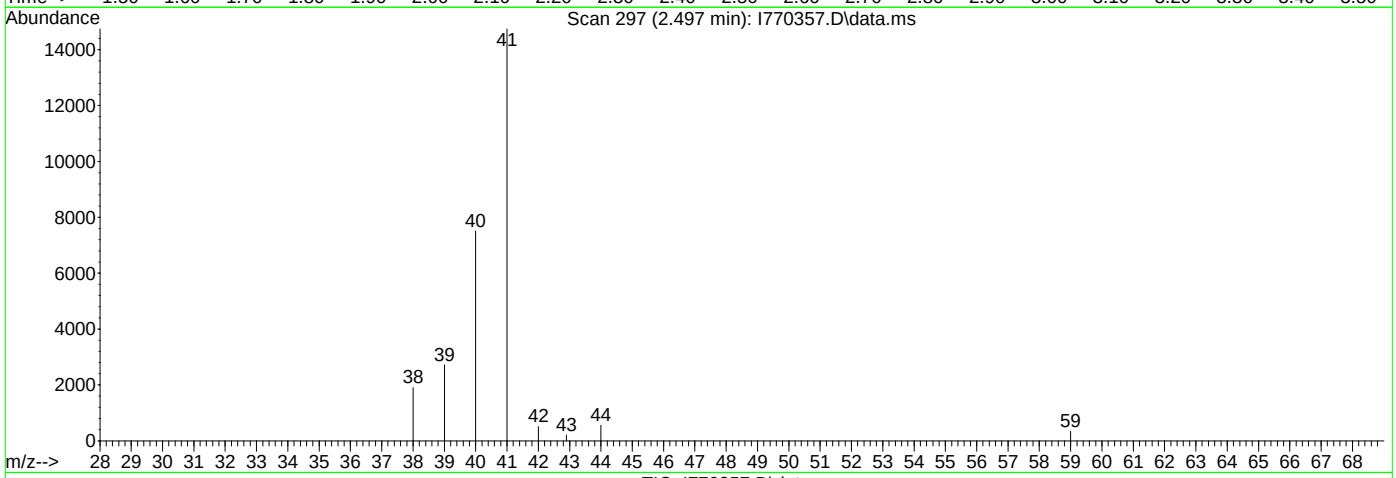
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	51.08
39.00	20.00	17.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(24) Acetonitrile

2.497min (-0.001) 119.96ug/L m

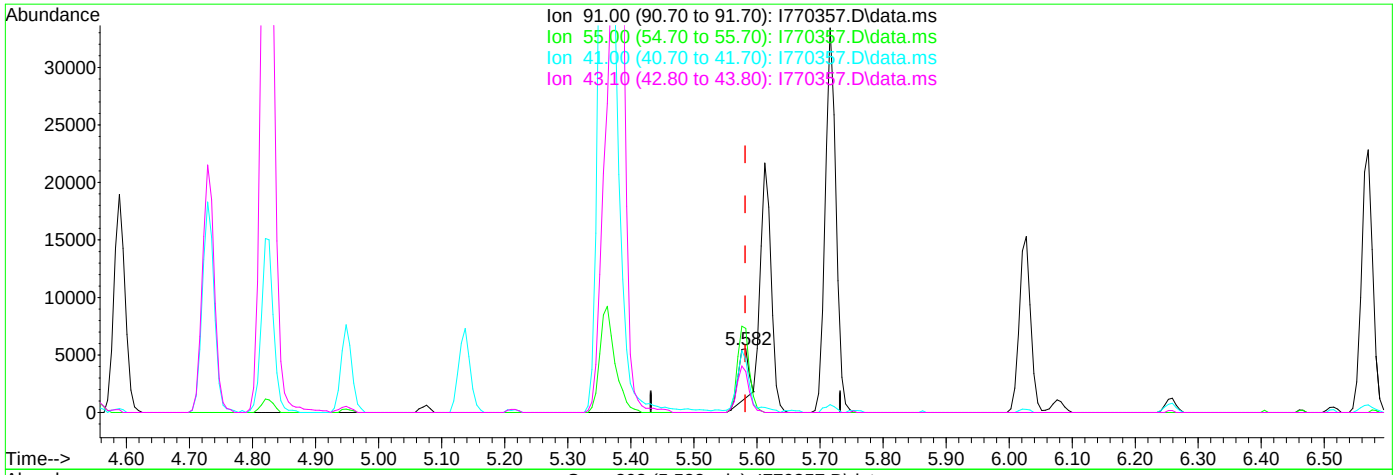
response 28464

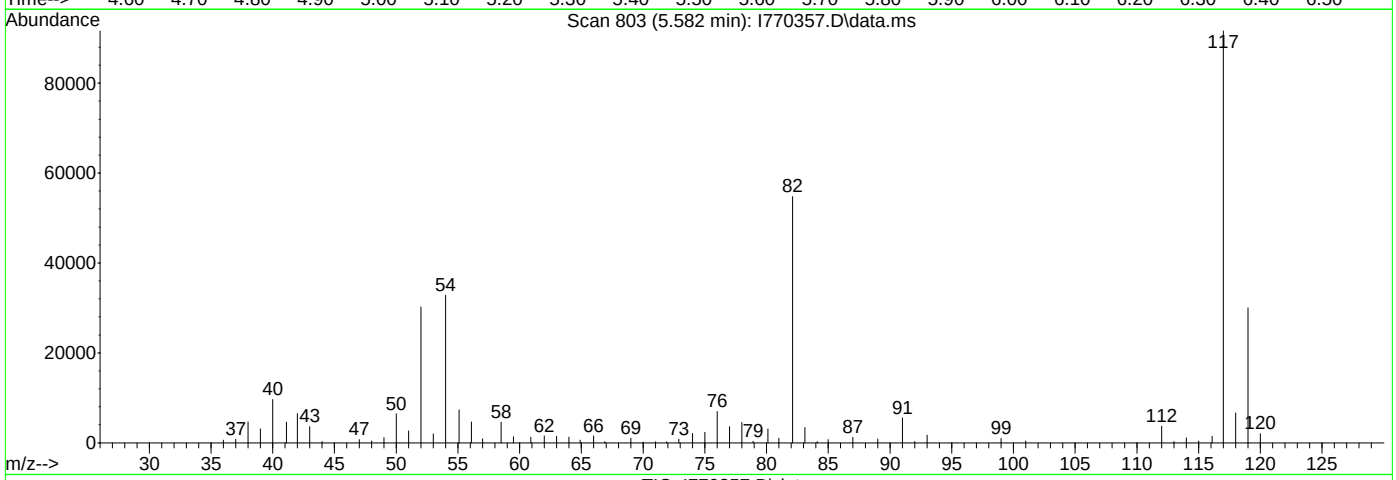
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	50.90
39.00	20.00	18.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 6.76ug/L

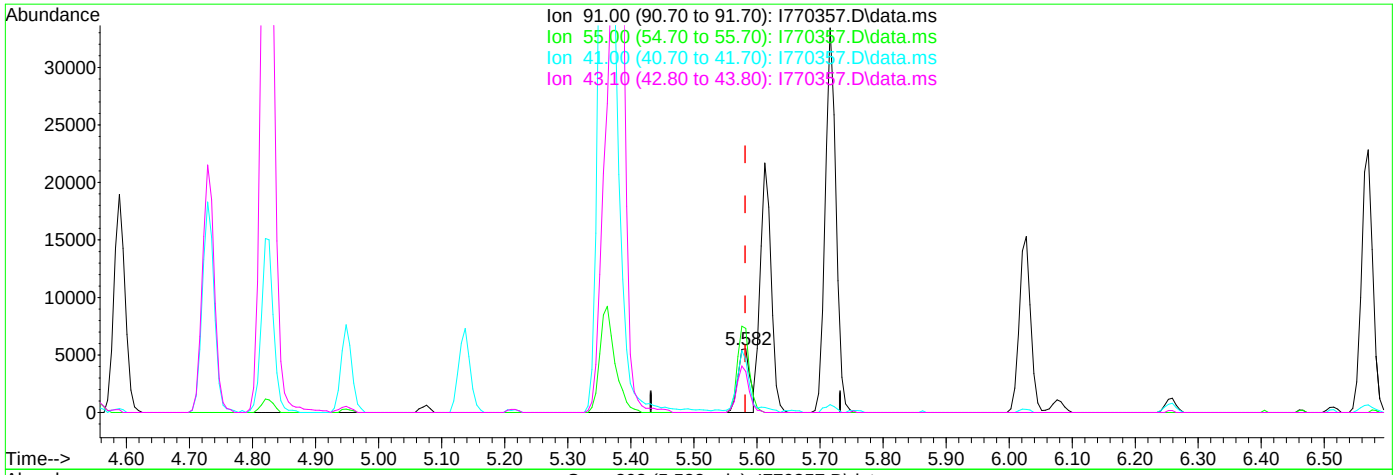
response 5295

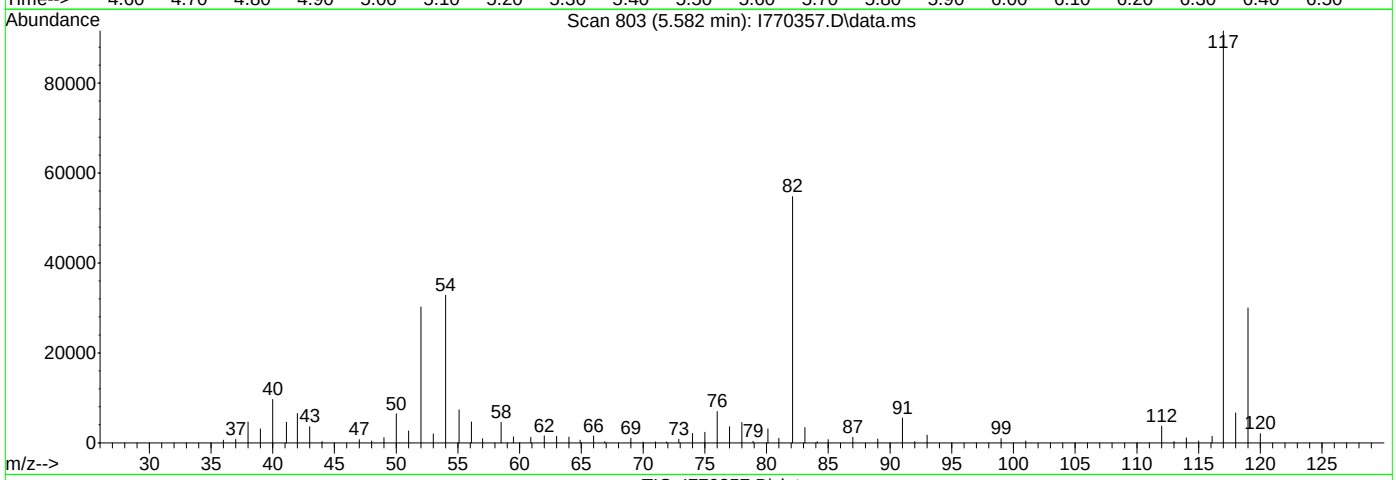
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	130.86#
41.00	64.20	78.19
43.10	52.80	60.91

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 9.56ug/L m

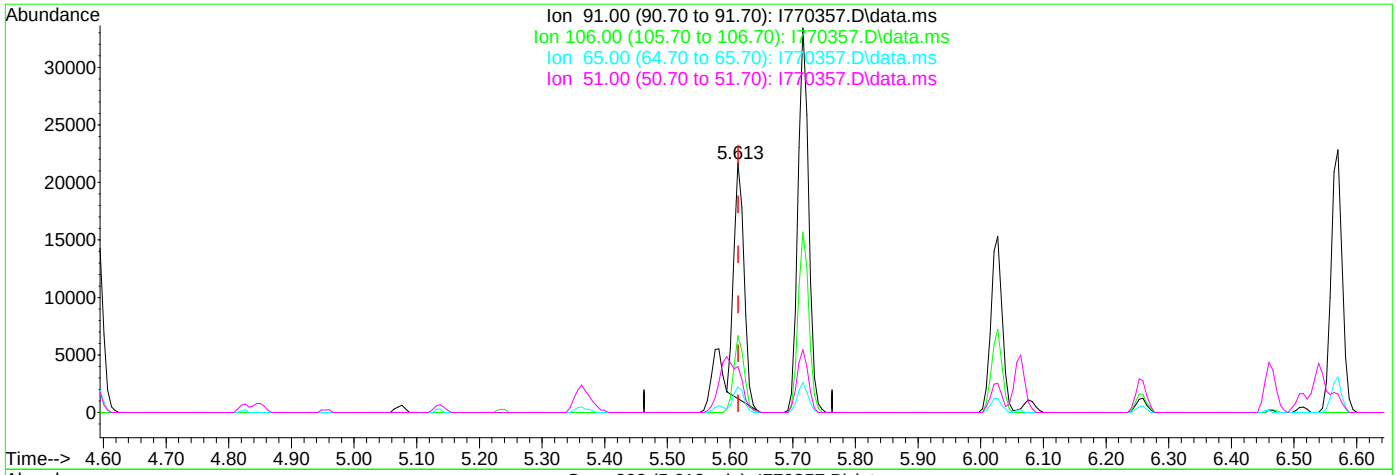
response 7490

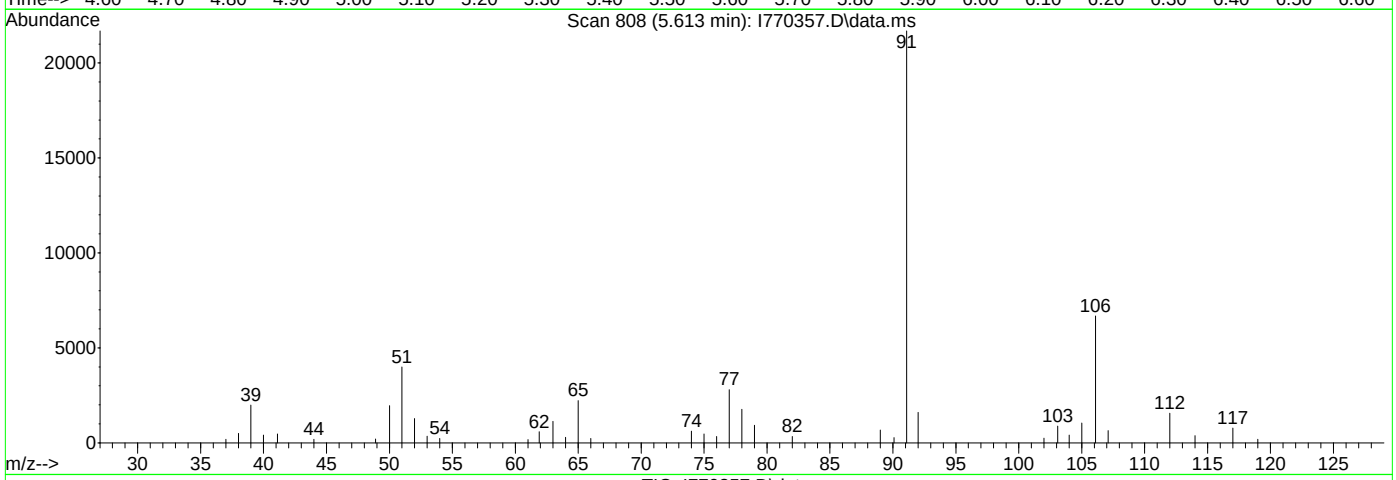
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	132.15#
41.00	64.20	82.73
43.10	52.80	64.45

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 9.25ug/L

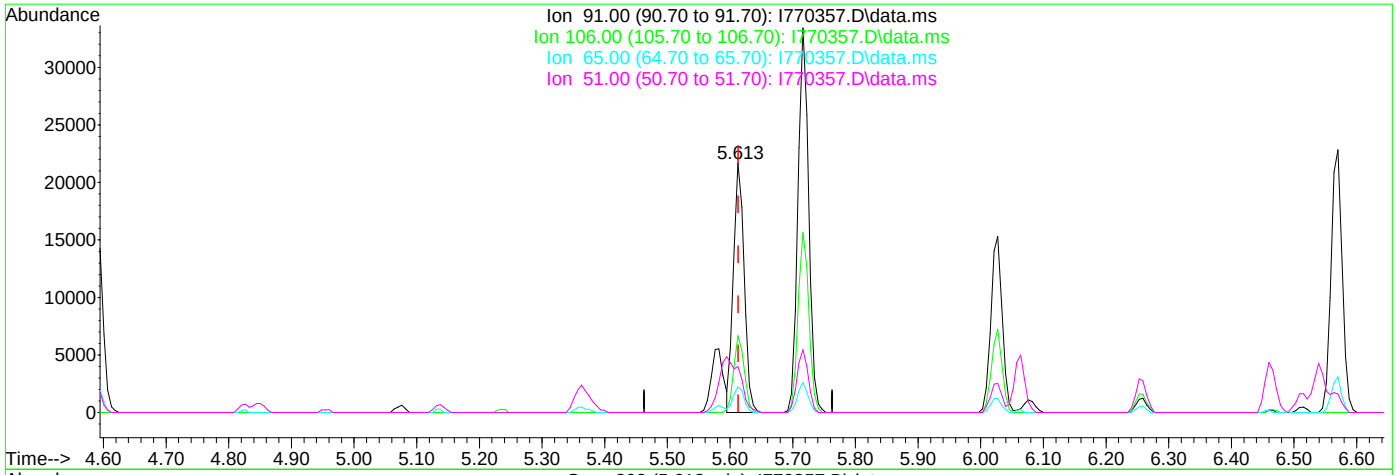
response 23156

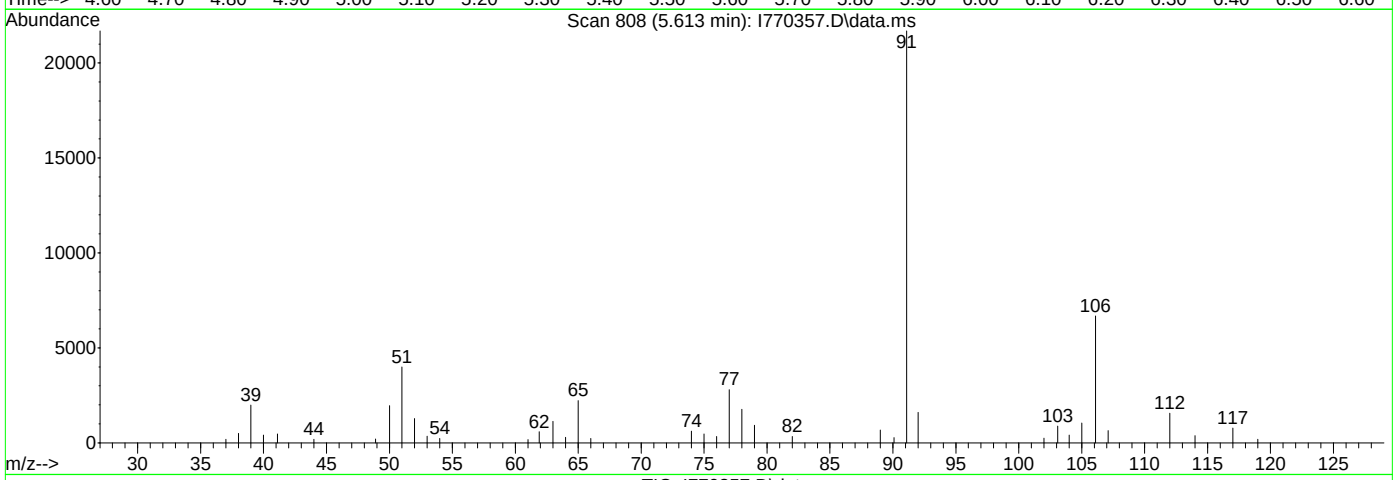
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.02
65.00	9.50	10.31
51.00	11.40	17.79

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770357.D
Acq On : 30 Mar 2025 12:36 pm
Operator : jeniferw
Sample : IC3517-3 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 31 05:45:05 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770357.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 10.41ug/L m

response 26056

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.78
65.00	9.50	10.23
51.00	11.40	18.40

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:52:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	155510	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	109958	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	60653	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	47116	53.45	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.90%				
49) 1,2-Dichloroethane-d4	3.455	65	65886	57.34	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 114.68%				
63) Toluene-d8	4.552	98	153005	48.15	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.30%				
86) 4-Bromofluorobenzene	6.460	174	44773	51.34	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	17113	24.53	ug/L		99
3) Chloromethane	1.205	50	21995	23.41	ug/L		99
4) 1,3-butadiene	1.272	39	21138	29.93	ug/L		94
5) Vinyl Chloride	1.260	62	18458	23.18	ug/L		94
6) Bromomethane	1.455	94	8271	24.80	ug/L		99
7) Chloroethane	1.516	64	8685	38.02	ug/L		96
8) Trichlorofluoromethane	1.595	101	25542	34.08	ug/L		100
9) Ethyl Ether	1.784	59	19902	32.05	ug/L		82
10) Ethanol	1.882	45	17091	652.08	ug/L		98
11) 1,2-Dichlorotrifluoroe...	1.888	67	18656	31.00	ug/L		98
12) 1,1-Dichloroethene	1.894	61	31073	32.52	ug/L		95
13) Freon 113	1.912	101	14712	30.36	ug/L		90
14) Carbon Disulfide	1.912	76	46335	31.10	ug/L		87
15) Iodomethane	1.973	142	13548	25.02	ug/L		90
16) Acrolein	2.077	56	37481	138.83	ug/L		99
17) Allyl chloride	2.150	41	34317	31.14	ug/L		91
18) Methylene Chloride	2.211	49	34850	35.54	ug/L		81
19) Acetone	2.235	43	84937	177.56	ug/L		96
20) Methyl acetate	2.302	43	205918	150.76	ug/L		92
21) trans-1,2-Dichloroethene	2.296	61	29307	31.21	ug/L		92
22) Hexane	2.339	56	18313	30.70	ug/L	#	76
23) Methyl Tert Butyl Ether	2.357	73	49923	28.48	ug/L	#	66
24) Acetonitrile	2.491	41	65632m	282.26	ug/L		
25) Tert Butyl Alcohol	2.406	59	100805	265.34	ug/L		83
26) Di-isopropyl ether	2.558	45	74521	29.02	ug/L		96
27) Chloroprene	2.656	53	86480	26.25	ug/L		82
28) 1,1-Dichloroethane	2.625	63	31585	26.54	ug/L		97
29) Acrylonitrile	2.650	52	69446	130.48	ug/L	#	67
30) ETBE	2.753	59	65072	27.61	ug/L		91
31) Vinyl acetate	2.753	43	331933	146.18	ug/L		99
32) cis-1,2-Dichloroethene	2.912	96	14561	26.04	ug/L	#	84
33) 2,2-Dichloropropane	2.973	77	22348	26.90	ug/L		97
34) Bromochloromethane	3.022	128	7222	26.00	ug/L	#	45
35) Cyclohexane	3.028	56	32895	25.70	ug/L	#	88
36) Chloroform	3.058	83	28302	27.11	ug/L		94
37) Ethyl acetate	3.119	43	232729	133.30	ug/L		94
38) Tetrahydrofuran	3.150	42	19913	29.75	ug/L		89
40) Carbon Tetrachloride	3.144	117	22505m	30.37	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	24113	29.07	ug/L		99
42) 2-Butanone	3.223	43	142145	140.13	ug/L		86
43) 1,1-Dichloropropene	3.241	75	17607	26.54	ug/L		90
44) tert-Butyl formate	3.302	59	104930	154.72	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:52:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	75078	252.28	ug/L	#	10
46) Methacrylonitrile	3.400	41	236228	264.87	ug/L		95
47) Benzene	3.381	78	53590	25.44	ug/L		74
48) TAME	3.442	73	42648	25.10	ug/L	#	78
50) 1,2-Dichloroethane	3.491	62	28197	29.19	ug/L		93
51) Isobutyl Alcohol	3.442	43	17636	529.58	ug/L		72
52) Tert Amyl Alcohol	3.546	59	75146	241.73	ug/L		86
53) Trichloroethene	3.711	95	14911	25.50	ug/L		94
54) Methylcyclohexane	3.711	83	19234	22.95	ug/L	#	73
55) Dibromomethane	3.954	93	10869	25.98	ug/L		94
56) 1,2-Dichloropropane	4.015	63	16725	24.81	ug/L		88
57) Bromodichloromethane	4.046	83	21392	27.07	ug/L	#	94
58) Methyl methacrylate	4.137	41	25774	25.92	ug/L		87
59) 1,4-Dioxane	4.186	88	7646	415.76	ug/L		78
60) 2-Chloroethyl vinyl ether	4.387	63	75383	137.01	ug/L		84
61) cis-1,3-Dichloropropene	4.430	75	24132	26.53	ug/L		88
64) Toluene	4.582	91	56084	24.50	ug/L		99
65) 2-Nitropropane	4.723	41	57529	141.07	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	214625	129.60	ug/L		96
67) trans-1,3-Dichloropropene	4.845	75	24375	26.41	ug/L		90
68) Tetrachloroethene	4.832	166	14461	26.37	ug/L		89
69) Ethyl methacrylate	4.942	69	19200	22.16	ug/L	#	76
70) 1,1,2-Trichloroethane	4.948	83	11365	23.17	ug/L		86
71) Dibromochloromethane	5.070	129	16525	26.63	ug/L		93
72) 1,3-Dichloropropane	5.131	76	22511	22.88	ug/L		80
73) 1,2-Dibromoethane	5.235	107	15154	23.82	ug/L		98
74) 3,3-Dimethyl-1-Butanol	5.357	57	420854	1269.88	ug/L		85
75) 2-hexanone	5.375	43	248711	133.41	ug/L		89
76) 1-Chlorohexane	5.576	91	16648m	21.40	ug/L		
77) Ethylbenzene	5.613	91	61830m	24.87	ug/L		
78) Chlorobenzene	5.594	112	35894	24.54	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	14349	26.56	ug/L		96
80) m,p-Xylene	5.716	91	96778	50.28	ug/L		99
81) o-Xylene	6.021	91	46192	23.87	ug/L		98
82) Styrene	6.058	104	34977	24.27	ug/L		92
83) Bromoform	6.076	173	12256	27.36	ug/L		98
84) Isopropylbenzene	6.253	105	54871	24.40	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	12664	25.56	ug/L	#	76
88) n-Propylbenzene	6.564	91	67419	24.03	ug/L		98
89) Bromobenzene	6.539	156	15278	25.87	ug/L		88
90) 1,1,2,2-Tetrachloroethane	6.612	83	21758	21.26	ug/L		96
91) 1,3,5-Trimethylbenzene	6.716	105	46788	24.49	ug/L		97
92) 2-Chlorotoluene	6.680	91	37687	23.65	ug/L		95
93) trans-1,4-Dichloro-2-B...	6.747	53	10994	24.82	ug/L	#	77
94) 1,2,3-Trichloropropane	6.716	110	7424	24.22	ug/L		91
95) Cyclohexanone	6.747	55	12372	114.04	ug/L		88
96) 4-Chlorotoluene	6.808	91	42969	24.44	ug/L		93
97) tert-Butylbenzene	6.960	91	26357	24.61	ug/L		92
98) 1,2,4-Trimethylbenzene	7.015	105	49307	25.29	ug/L		97
99) Pentachloroethane	6.972	167	9416	29.26	ug/L	#	26
100) sec-Butylbenzene	7.106	105	53222	23.68	ug/L		99
101) 4-Isopropyltoluene	7.216	119	45357	24.50	ug/L		98
102) 1,3-Dichlorobenzene	7.265	146	27727	24.59	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	47840	23.56	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	29170	25.03	ug/L		96
105) n-Butylbenzene	7.539	92	24848	23.63	ug/L		95
106) Benzyl Chloride	7.521	126	8693	25.10	ug/L		95
107) 1,2-Dichlorobenzene	7.649	146	26602	24.24	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:52:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

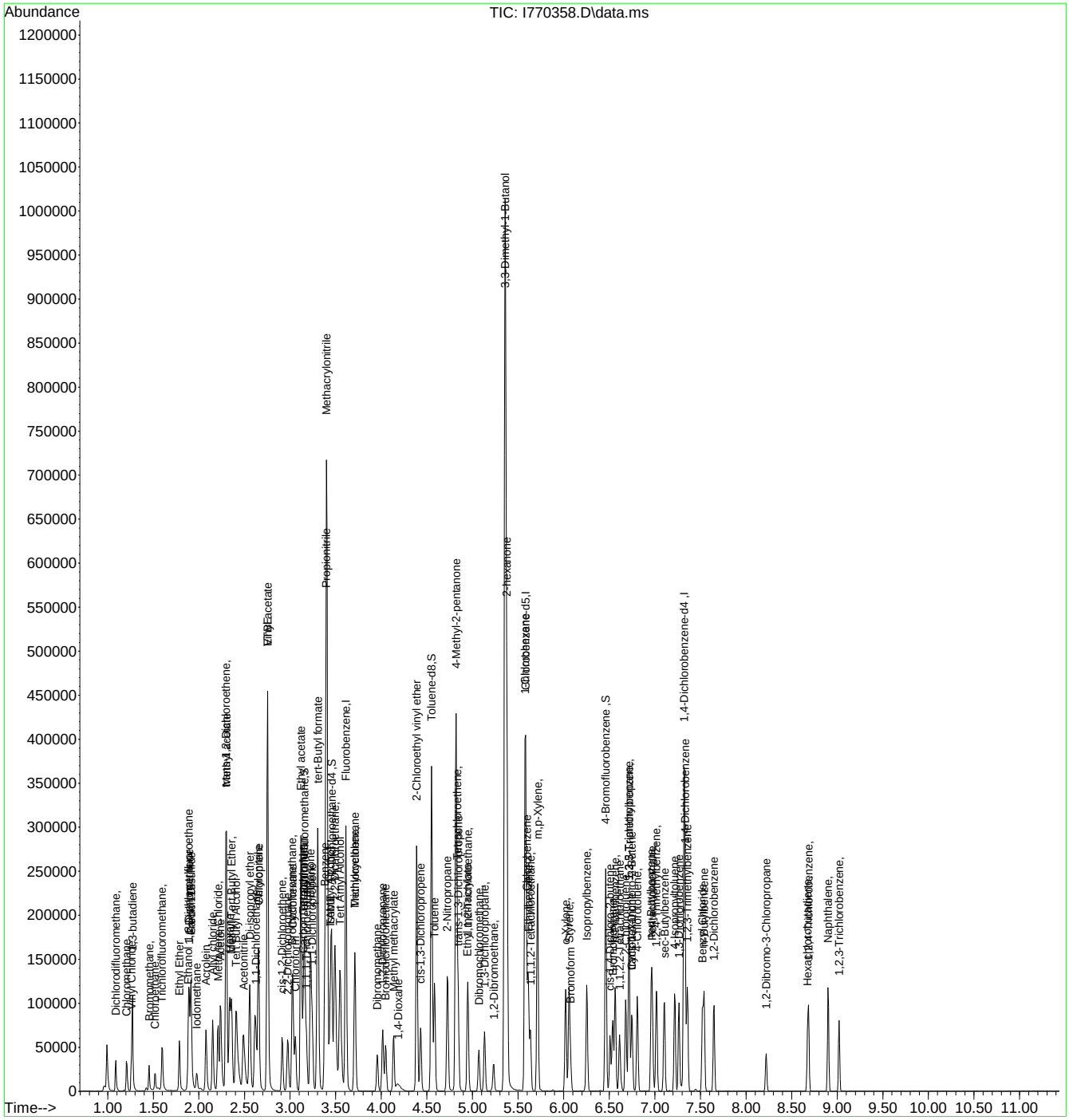
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	7284	25.71	ug/L	90
109) Hexachlorobutadiene	8.673	225	6181	26.38	ug/L	83
110) 1,2,4-Trichlorobenzene	8.685	180	14573	22.70	ug/L	95
111) Naphthalene	8.899	128	54709	22.95	ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	13816	23.41	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:52:16 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

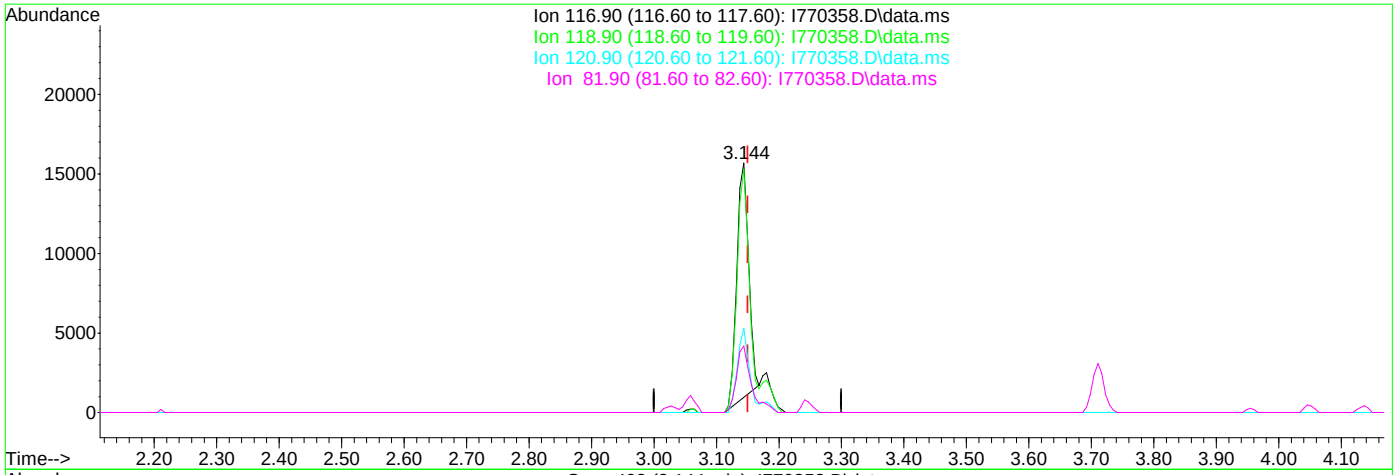
Sample Number: VI3517-IC3517
Lab FileID: I770358.D
Injection Time: 03/30/25 13:15
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

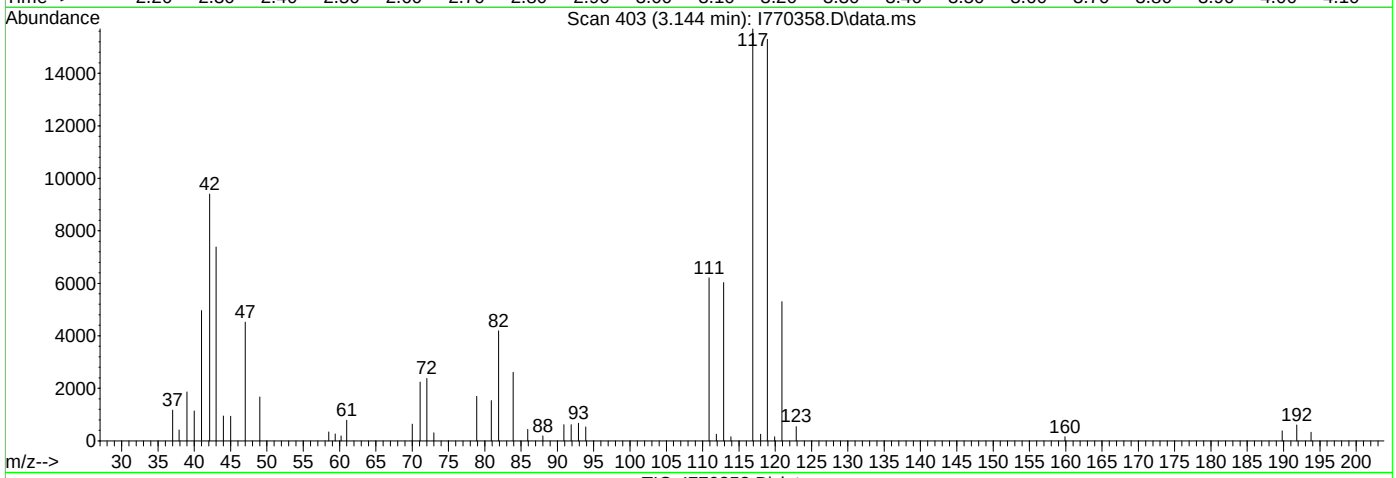
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 26.57ug/L

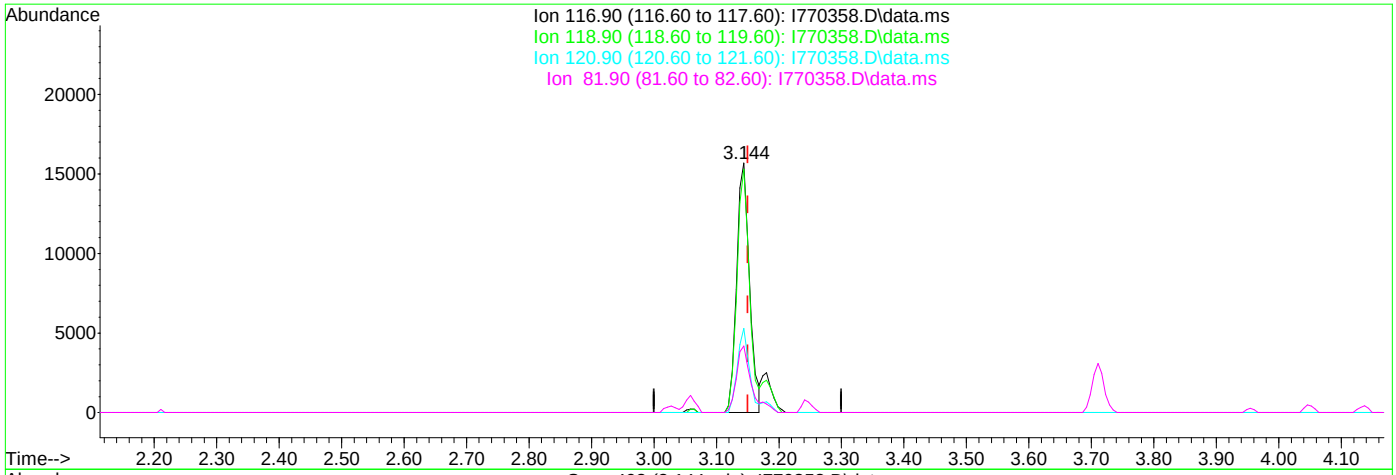
response 19687

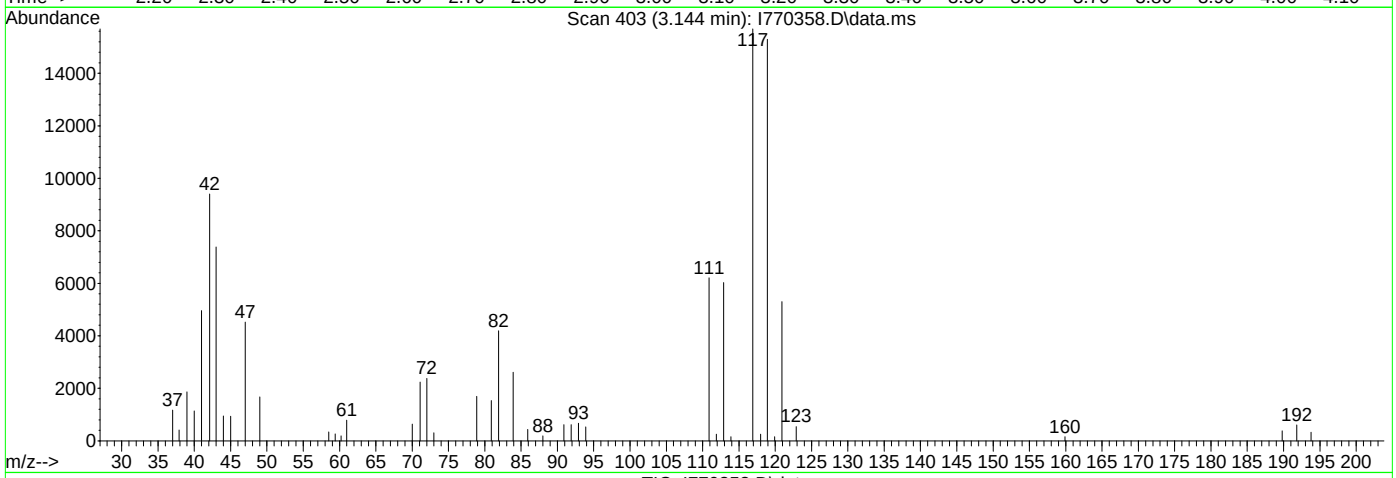
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.46
120.90	29.40	33.75
81.90	25.70	26.69

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 30.37ug/L m

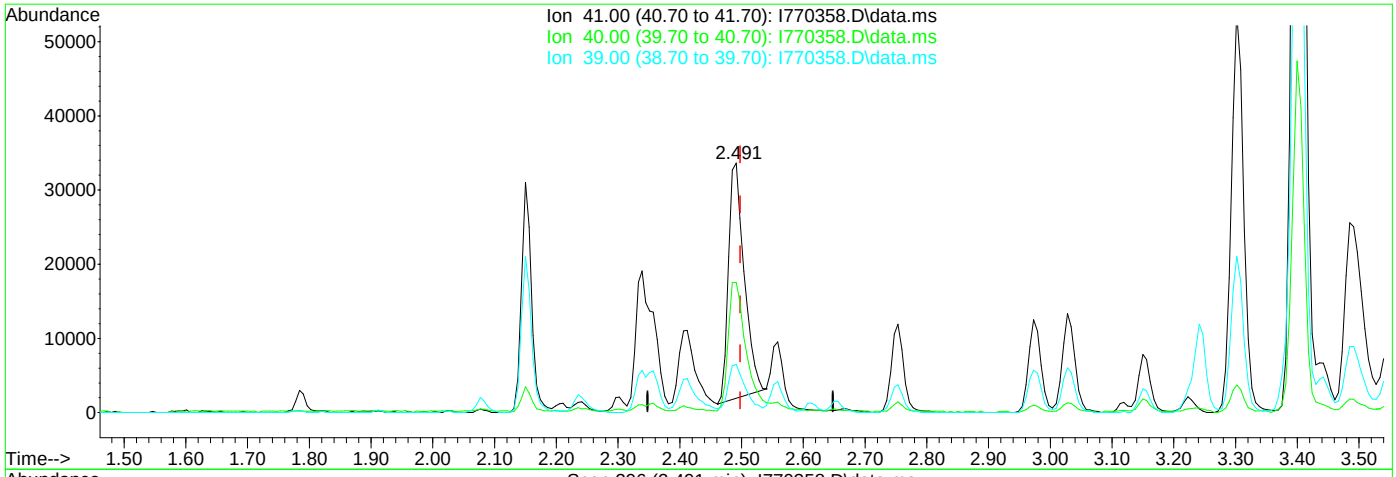
response 22505

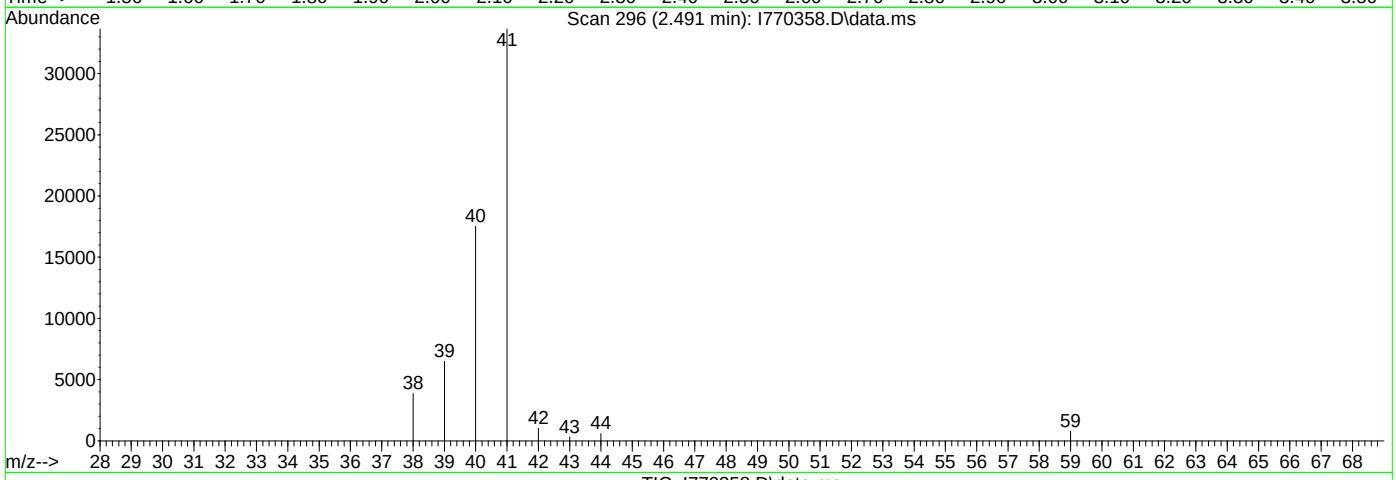
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.46
120.90	29.40	33.75
81.90	25.70	26.69

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 243.00ug/L

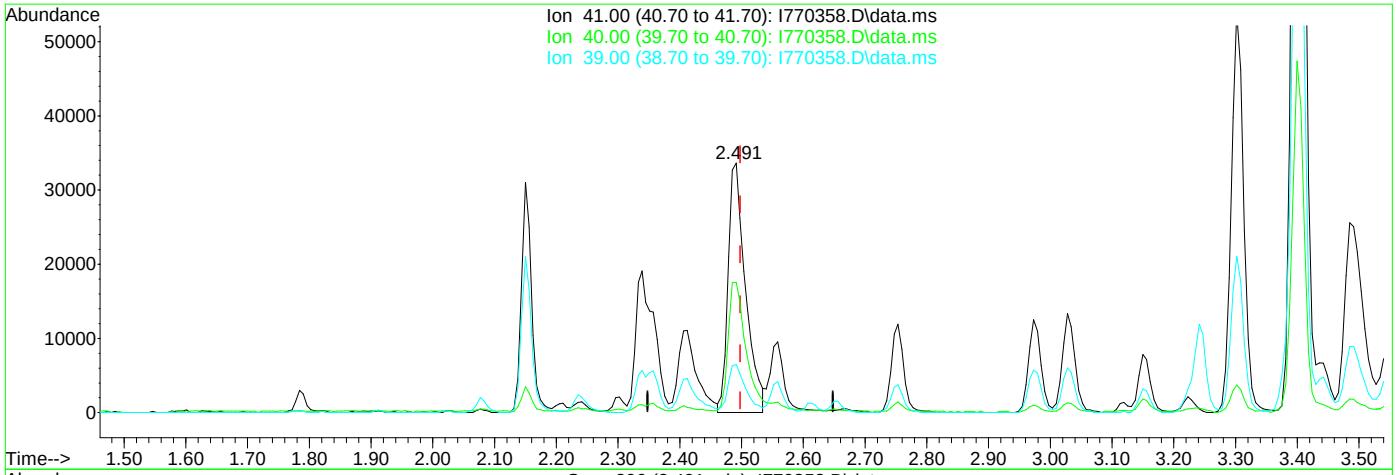
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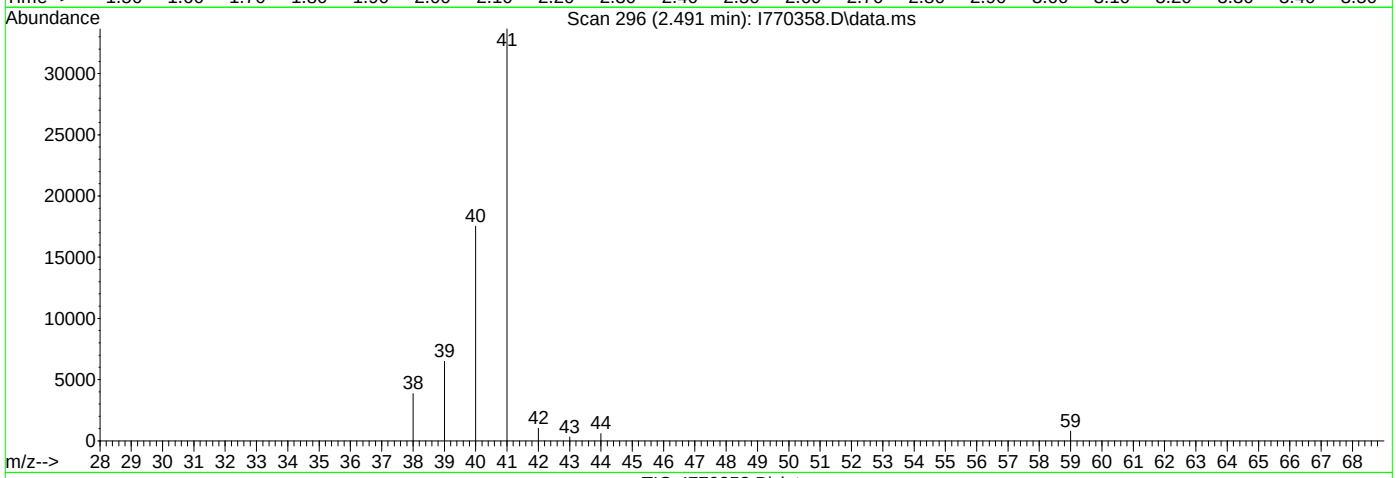
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.14
39.00	20.00	18.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 282.26ug/L m

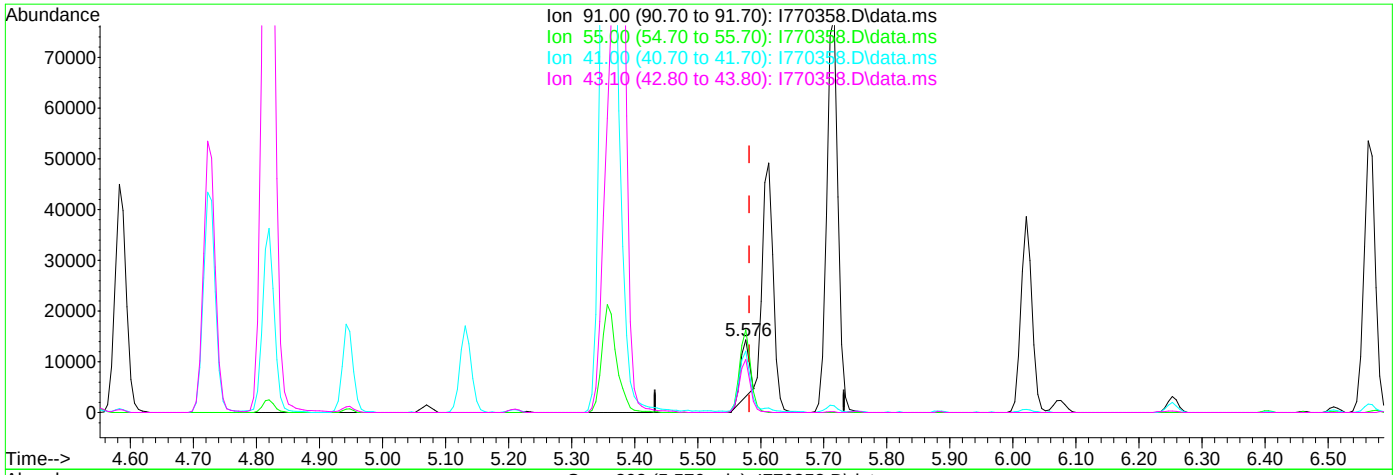
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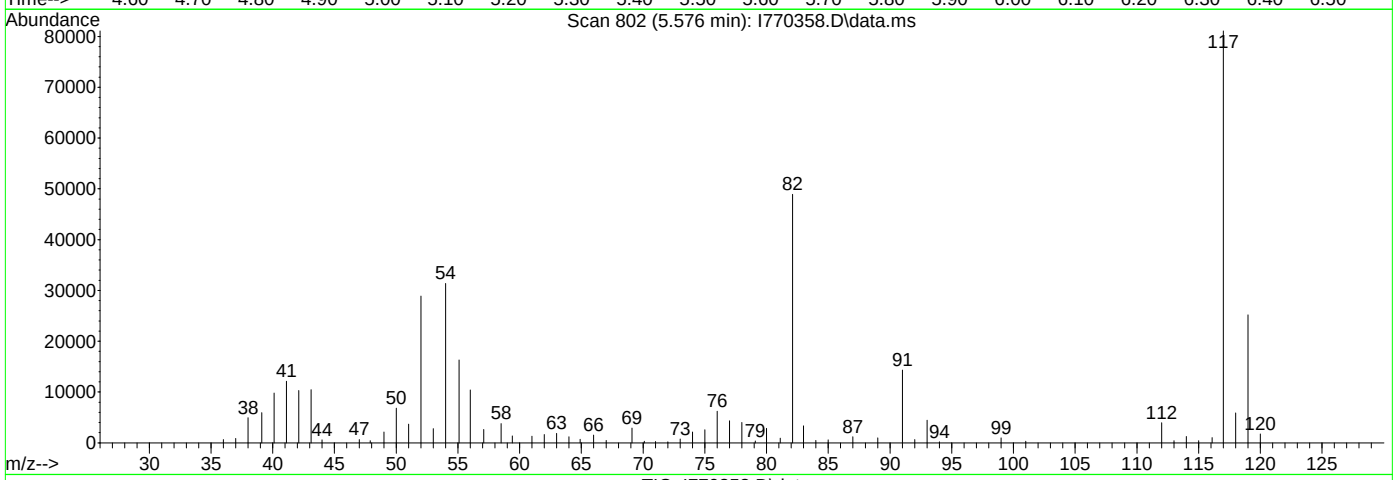
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.08
39.00	20.00	19.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 14.76ug/L

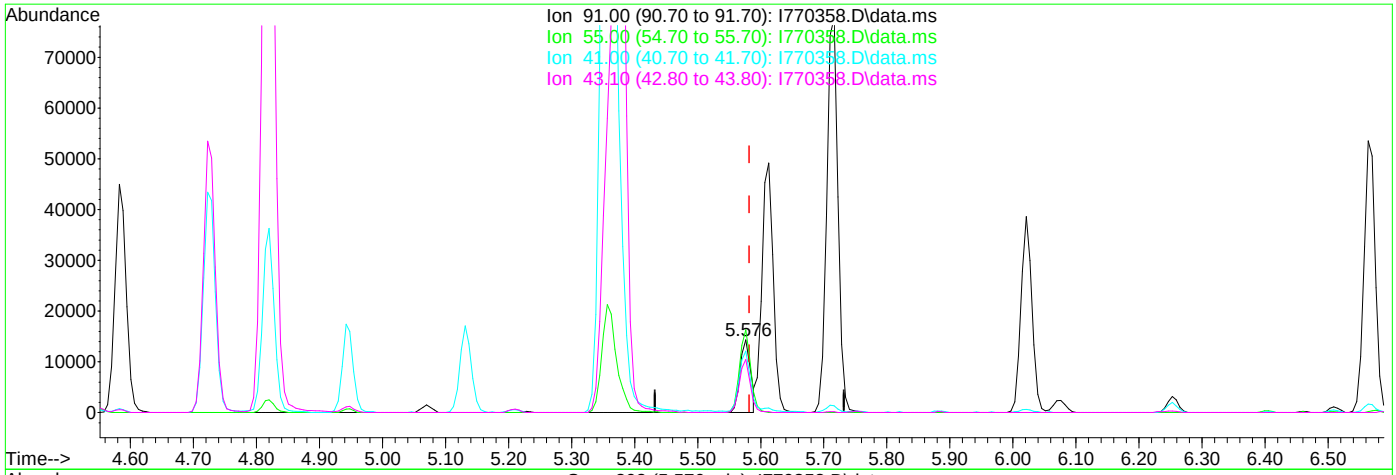
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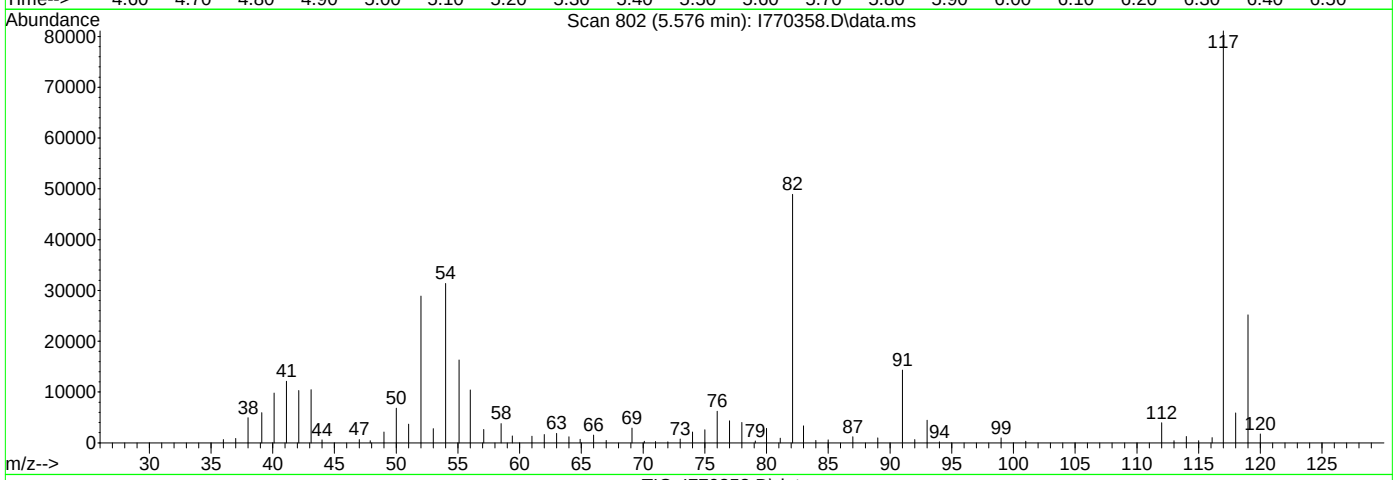
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	112.11#
41.00	64.20	81.90
43.10	52.80	71.84

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 21.40ug/L m

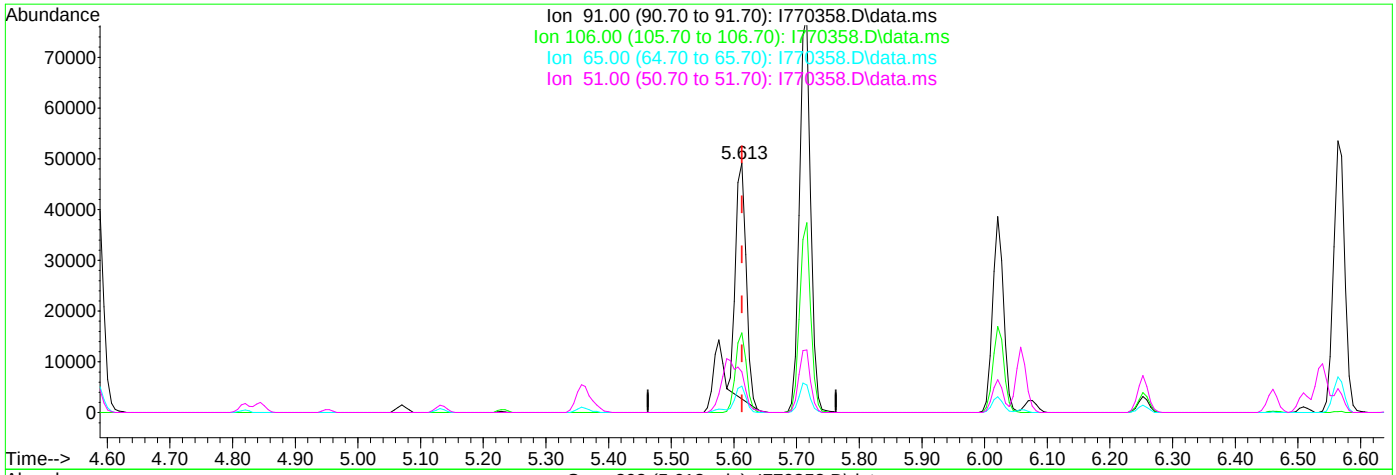
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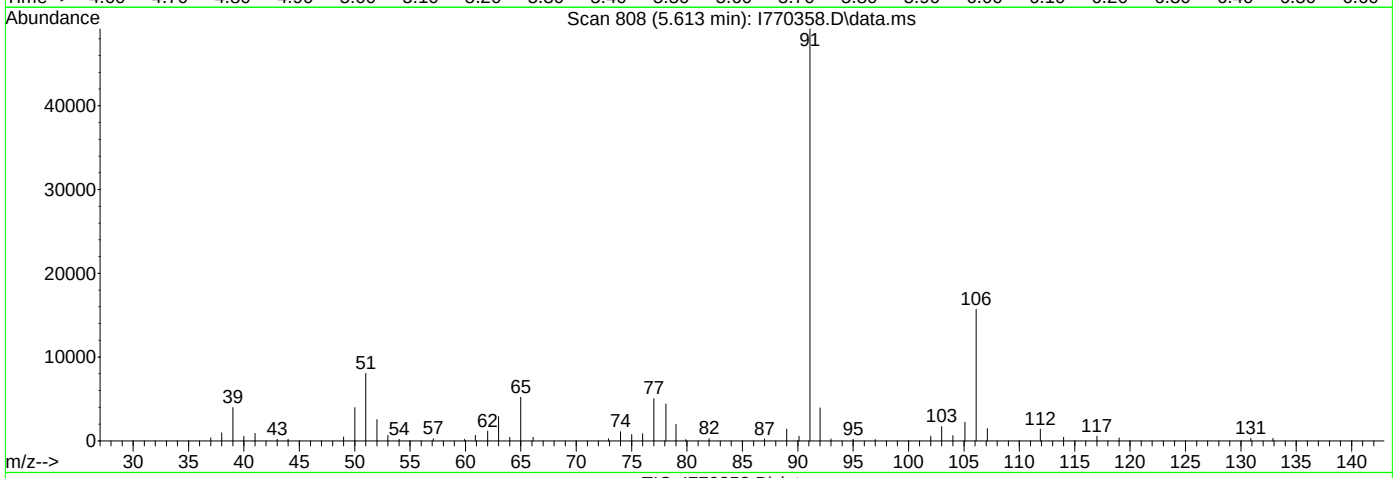
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	113.92#
41.00	64.20	84.52#
43.10	52.80	73.06#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 21.65ug/L

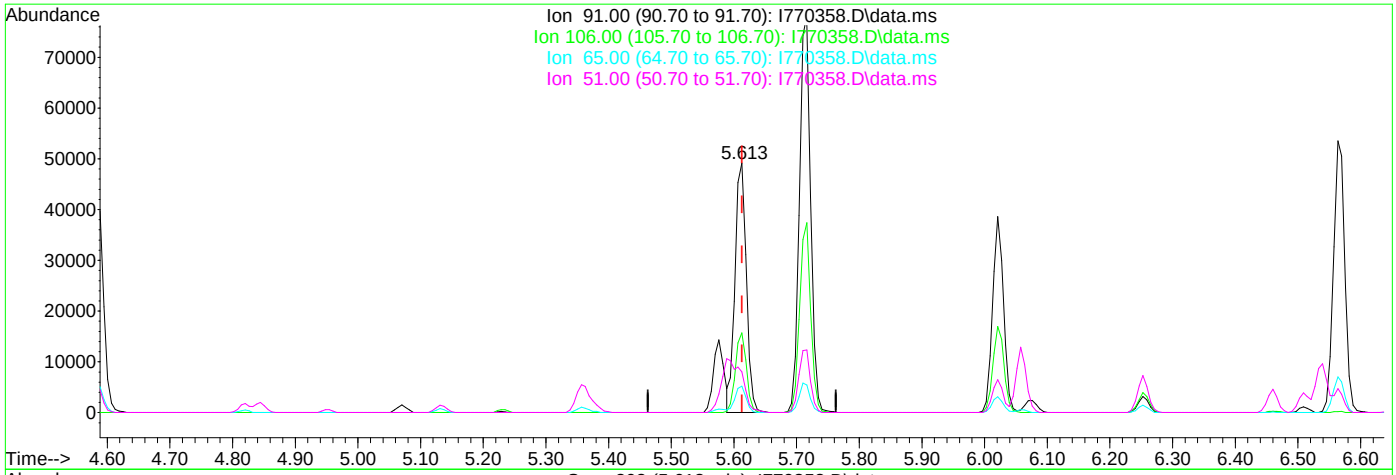
response 53821

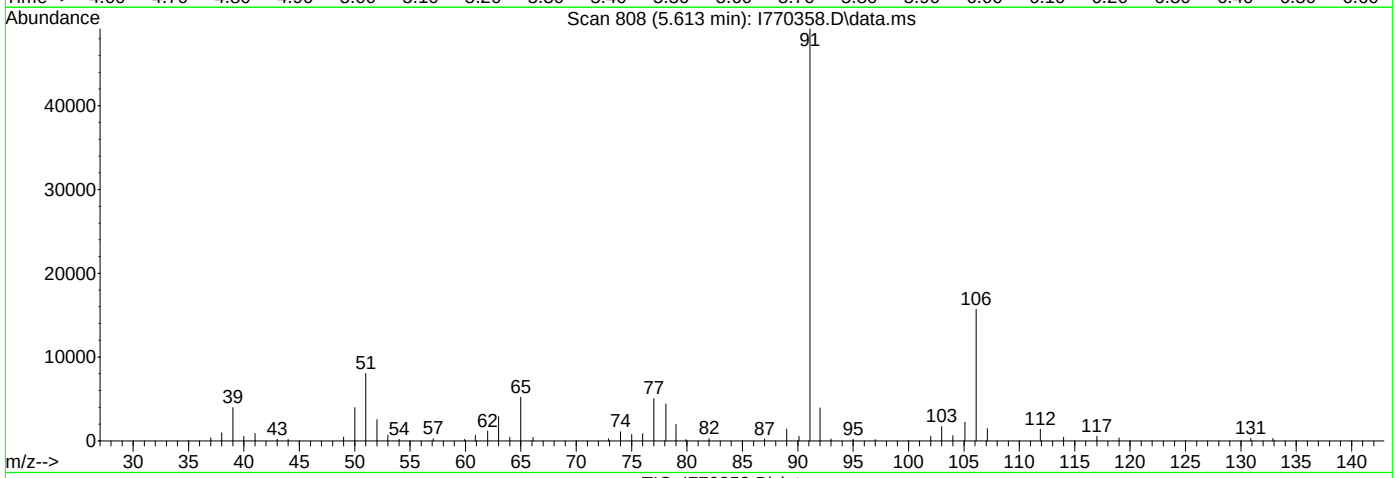
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	32.00
65.00	9.50	10.75
51.00	11.40	15.56

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770358.D
Acq On : 30 Mar 2025 1:15 pm
Operator : jeniferw
Sample : IC3517-4 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 31 05:45:07 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770358.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 24.87ug/L m

response 61830

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.97
65.00	9.50	10.61
51.00	11.40	16.38

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:59:30 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	150876	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	106116	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	59813	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	45682	53.42	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.84%				
49) 1,2-Dichloroethane-d4	3.461	65	63619	57.07	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 114.14%				
63) Toluene-d8	4.558	98	151489	49.40	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.80%				
86) 4-Bromofluorobenzene	6.466	174	44238	51.44	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	29098	43.00	ug/L		98
3) Chloromethane	1.211	50	35571	39.02	ug/L		99
4) 1,3-butadiene	1.272	39	35455	51.74	ug/L		98
5) Vinyl Chloride	1.260	62	30641	39.66	ug/L		96
6) Bromomethane	1.455	94	13501	41.72	ug/L		97
7) Chloroethane	1.522	64	13448	60.68	ug/L		96
8) Trichlorofluoromethane	1.601	101	43177	59.39	ug/L		99
9) Ethyl Ether	1.790	59	33084	54.92	ug/L		84
10) Ethanol	1.882	45	26451	1145.01	ug/L		97
11) 1,2-Dichlorotrifluoroe...	1.888	67	31210	53.46	ug/L		97
12) 1,1-Dichloroethene	1.894	61	51881	55.97	ug/L		92
13) Freon 113	1.918	101	25321	53.85	ug/L		94
14) Carbon Disulfide	1.912	76	77259	53.45	ug/L		86
15) Iodomethane	1.979	142	26335	50.14	ug/L		95
16) Acrolein	2.083	56	65580	250.37	ug/L		99
17) Allyl chloride	2.156	41	56842	53.16	ug/L		90
18) Methylene Chloride	2.211	49	56966	59.87	ug/L		80
19) Acetone	2.241	43	130995	282.26	ug/L		98
20) Methyl acetate	2.302	43	330148	249.13	ug/L		92
21) trans-1,2-Dichloroethene	2.296	61	48338	53.05	ug/L		91
22) Hexane	2.339	56	30518	52.74	ug/L	#	75
23) Methyl Tert Butyl Ether	2.363	73	84469	49.67	ug/L		68
24) Acetonitrile	2.491	41	101825m	451.36	ug/L		
25) Tert Butyl Alcohol	2.412	59	161303	437.62	ug/L		77
26) Di-isopropyl ether	2.565	45	124259	49.88	ug/L		94
27) Chloroprene	2.656	53	138596	43.36	ug/L		81
28) 1,1-Dichloroethane	2.632	63	52741	45.69	ug/L		99
29) Acrylonitrile	2.656	52	110987	214.93	ug/L	#	68
30) ETBE	2.754	59	105705	46.22	ug/L		90
31) Vinyl acetate	2.760	43	536069	243.33	ug/L		100
32) cis-1,2-Dichloroethene	2.918	96	23401	43.13	ug/L	#	84
33) 2,2-Dichloropropane	2.979	77	37992	47.14	ug/L		99
34) Bromochloromethane	3.028	128	11687	43.37	ug/L	#	60
35) Cyclohexane	3.034	56	55432	44.64	ug/L	#	88
36) Chloroform	3.065	83	46078	45.49	ug/L		94
37) Ethyl acetate	3.125	43	374028	220.81	ug/L		95
38) Tetrahydrofuran	3.156	42	29937	46.10	ug/L		92
40) Carbon Tetrachloride	3.144	117	37744m	52.50	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	40862	50.78	ug/L		97
42) 2-Butanone	3.229	43	223422	227.02	ug/L		87
43) 1,1-Dichloropropene	3.247	75	29223	45.40	ug/L		90
44) tert-Butyl formate	3.308	59	169863	258.16	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:59:30 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.400	54	116248	402.62	ug/L	#	1
46) Methacrylonitrile	3.406	41	371912	429.81	ug/L		96
47) Benzene	3.388	78	87600	42.86	ug/L		70
48) TAME	3.449	73	70906	43.01	ug/L	#	78
50) 1,2-Dichloroethane	3.497	62	45672	48.74	ug/L		95
51) Isobutyl Alcohol	3.442	43	29510	913.36	ug/L		75
52) Tert Amyl Alcohol	3.552	59	118566	393.12	ug/L		87
53) Trichloroethene	3.711	95	24008	42.32	ug/L		98
54) Methylcyclohexane	3.717	83	33040	40.64	ug/L	#	78
55) Dibromomethane	3.961	93	17800	43.85	ug/L		97
56) 1,2-Dichloropropane	4.016	63	27634	42.26	ug/L		90
57) Bromodichloromethane	4.052	83	35341	46.09	ug/L	#	94
58) Methyl methacrylate	4.137	41	42682	44.24	ug/L		84
59) 1,4-Dioxane	4.186	88	12856	720.53	ug/L		81
60) 2-Chloroethyl vinyl ether	4.394	63	121888	228.34	ug/L		86
61) cis-1,3-Dichloropropene	4.436	75	39402	44.65	ug/L		88
64) Toluene	4.589	91	90086	40.77	ug/L		99
65) 2-Nitropropane	4.729	41	94298	239.61	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	342988	214.61	ug/L		95
67) trans-1,3-Dichloropropene	4.851	75	39544	44.40	ug/L		92
68) Tetrachloroethene	4.839	166	23291	44.00	ug/L		92
69) Ethyl methacrylate	4.948	69	31507	37.68	ug/L	#	75
70) 1,1,2-Trichloroethane	4.954	83	18858	39.84	ug/L		84
71) Dibromochloromethane	5.076	129	27361	45.68	ug/L		94
72) 1,3-Dichloropropane	5.137	76	37335	39.33	ug/L		86
73) 1,2-Dibromoethane	5.235	107	25473	41.49	ug/L		97
74) 3,3-Dimethyl-1-Butanol	5.363	57	662373	2071.00	ug/L		85
75) 2-hexanone	5.381	43	390764	217.20	ug/L		80
76) 1-Chlorohexane	5.576	91	29130m	38.79	ug/L		
77) Ethylbenzene	5.613	91	100548m	41.91	ug/L		
78) Chlorobenzene	5.595	112	59067	41.84	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	23219	44.53	ug/L		97
80) m,p-Xylene	5.716	91	160623	86.48	ug/L		100
81) o-Xylene	6.027	91	77899	41.72	ug/L		98
82) Styrene	6.064	104	58397	41.99	ug/L		95
83) Bromoform	6.076	173	20688	47.85	ug/L		96
84) Isopropylbenzene	6.259	105	94185	43.39	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	20510	41.97	ug/L	#	77
88) n-Propylbenzene	6.570	91	111615	40.34	ug/L		99
89) Bromobenzene	6.539	156	24960	42.87	ug/L		92
90) 1,1,2,2-Tetrachloroethane	6.613	83	36585	36.24	ug/L		94
91) 1,3,5-Trimethylbenzene	6.722	105	79483	42.19	ug/L		98
92) 2-Chlorotoluene	6.680	91	62656	39.87	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	20586m	47.13	ug/L		
94) 1,2,3-Trichloropropane	6.716	110	12228	40.46	ug/L		89
95) Cyclohexanone	6.747	55	19740	184.51	ug/L		91
96) 4-Chlorotoluene	6.808	91	70597	40.72	ug/L		92
97) tert-Butylbenzene	6.966	91	44208	41.86	ug/L		94
98) 1,2,4-Trimethylbenzene	7.021	105	81885	42.59	ug/L		99
99) Pentachloroethane	6.978	167	14824	46.71	ug/L	#	2
100) sec-Butylbenzene	7.106	105	90454	40.81	ug/L		98
101) 4-Isopropyltoluene	7.222	119	77104	42.24	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	46431	41.75	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	79839	39.87	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	47395	41.25	ug/L		94
105) n-Butylbenzene	7.539	92	42200	40.70	ug/L		92
106) Benzyl Chloride	7.527	126	14604	42.76	ug/L	#	91
107) 1,2-Dichlorobenzene	7.649	146	44441	41.06	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:59:30 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

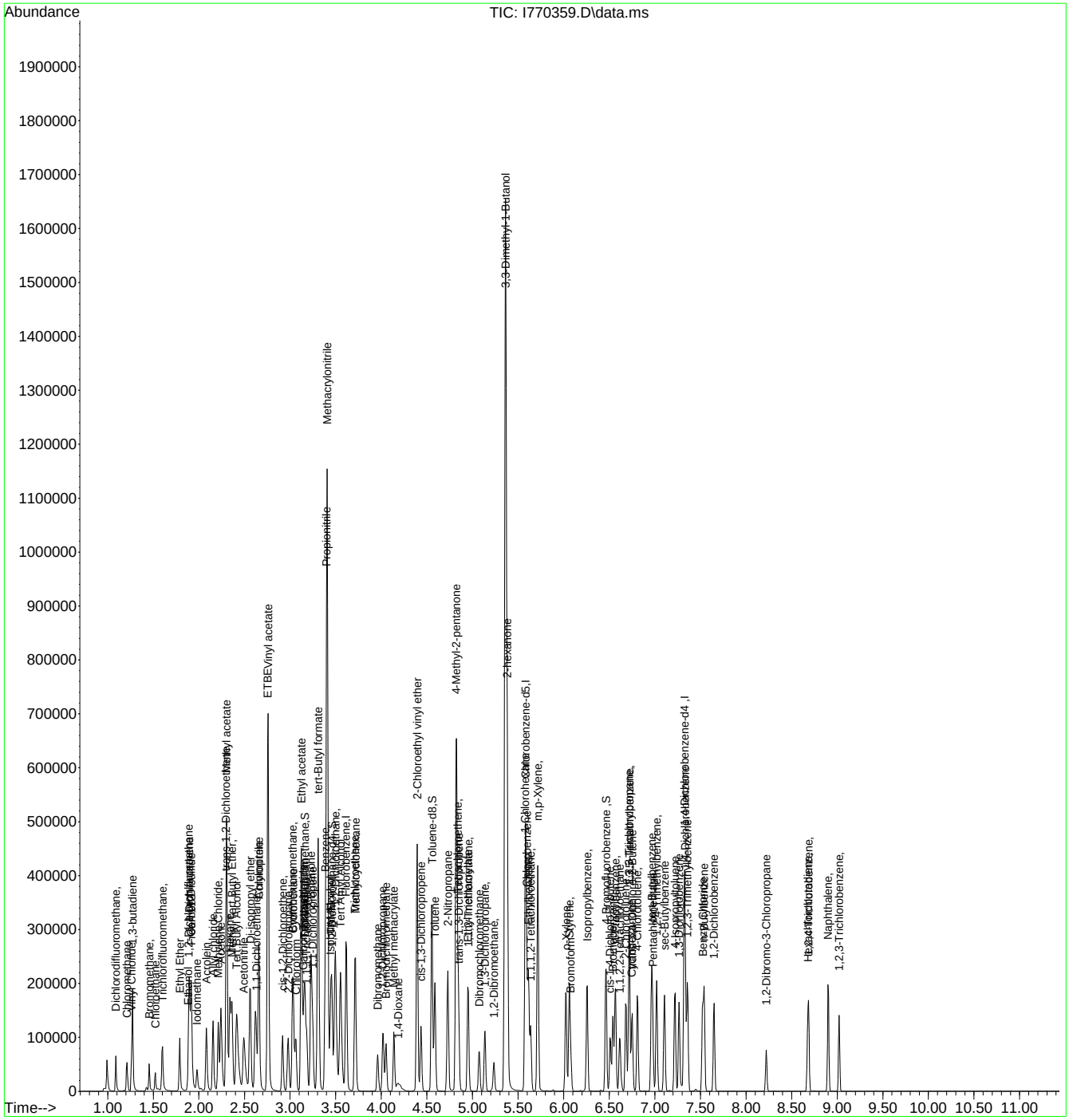
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	12111	43.34	ug/L	89
109) Hexachlorobutadiene	8.679	225	9898	42.83	ug/L	89
110) 1,2,4-Trichlorobenzene	8.685	180	24799	39.18	ug/L	97
111) Naphthalene	8.899	128	93617	39.82	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	23478	40.34	ug/L	92

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
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Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
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QLast Update : Mon Feb 24 06:53:47 2025
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Manual Integration Approval Summary

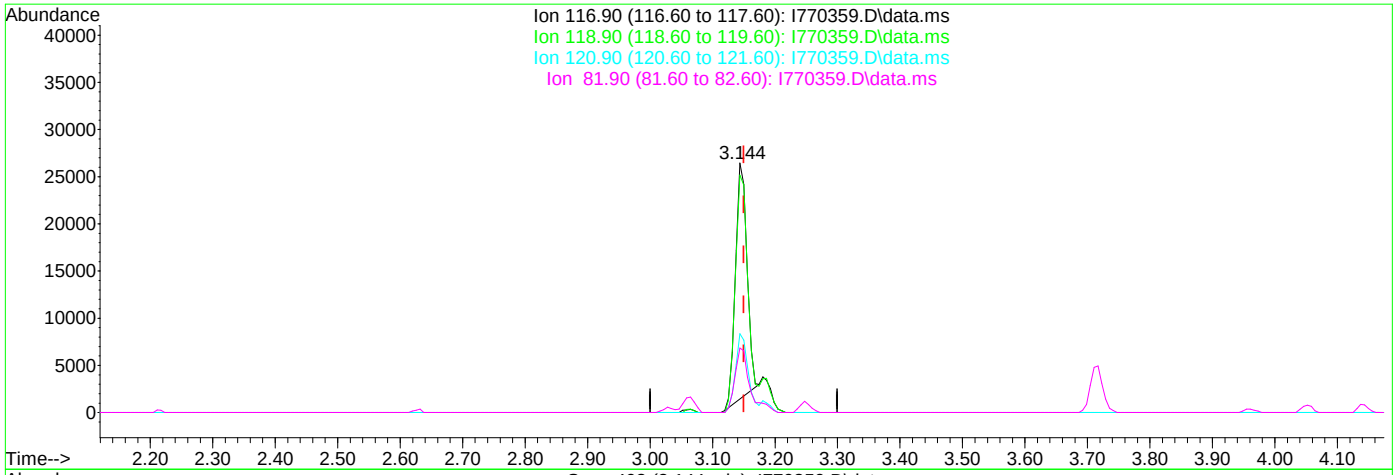
Sample Number: VI3517-ICC3517 **Method:** SW846 8260D
Lab FileID: I770359.D **Analyst approved:** 03/31/25 06:18 Jenifer Willis
Injection Time: 03/30/25 13:31 **Supervisor approved:** 03/31/25 09:26 Karen Watson

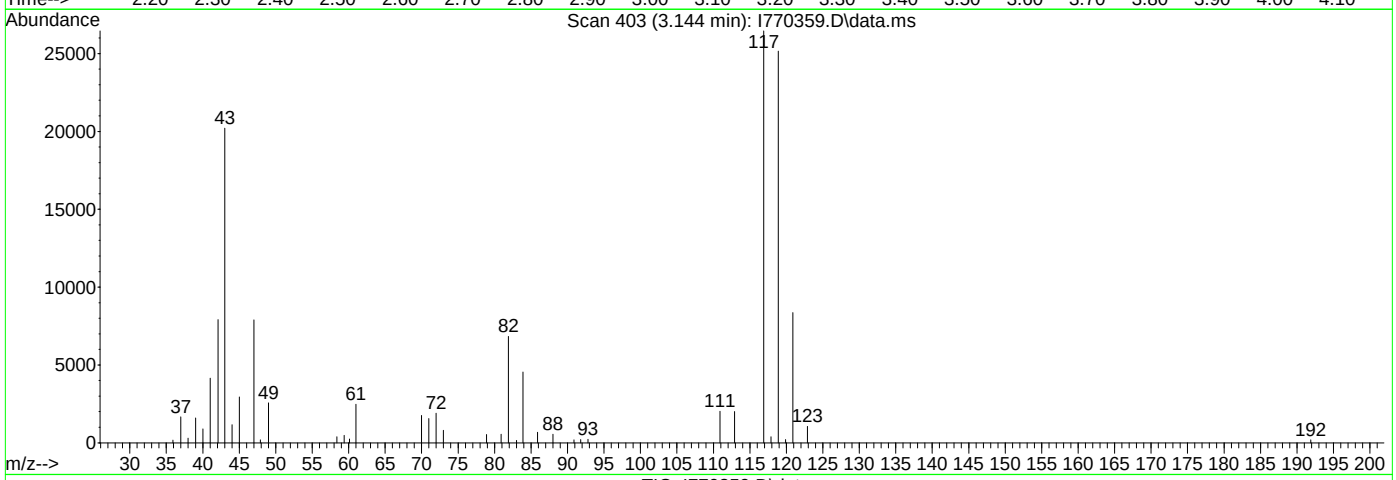
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
trans-1,4-Dichloro-2-Butene	110-57-6		6.75	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 45.12ug/L

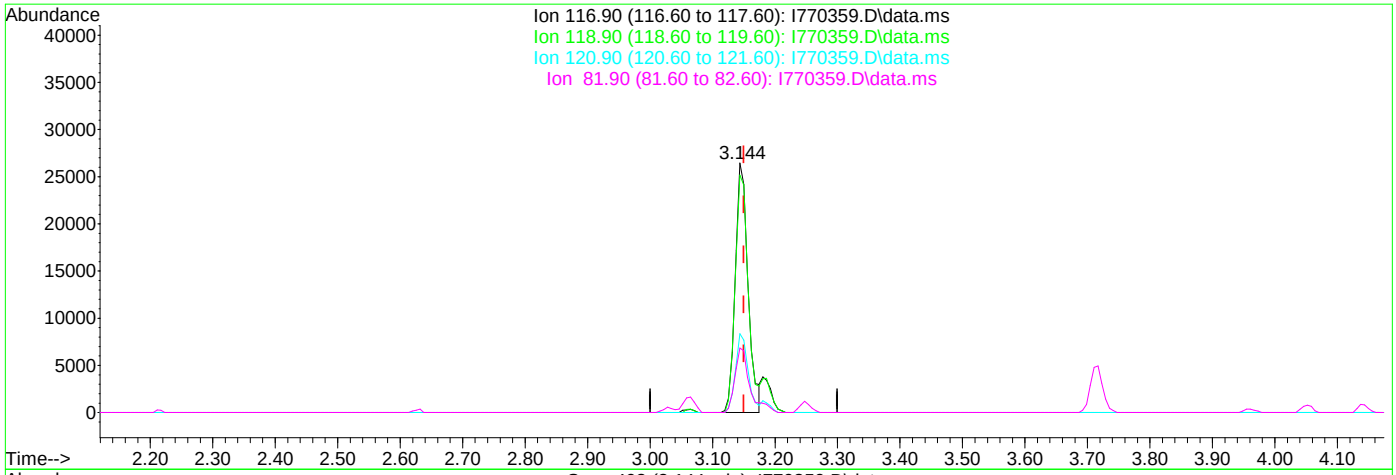
response 32436

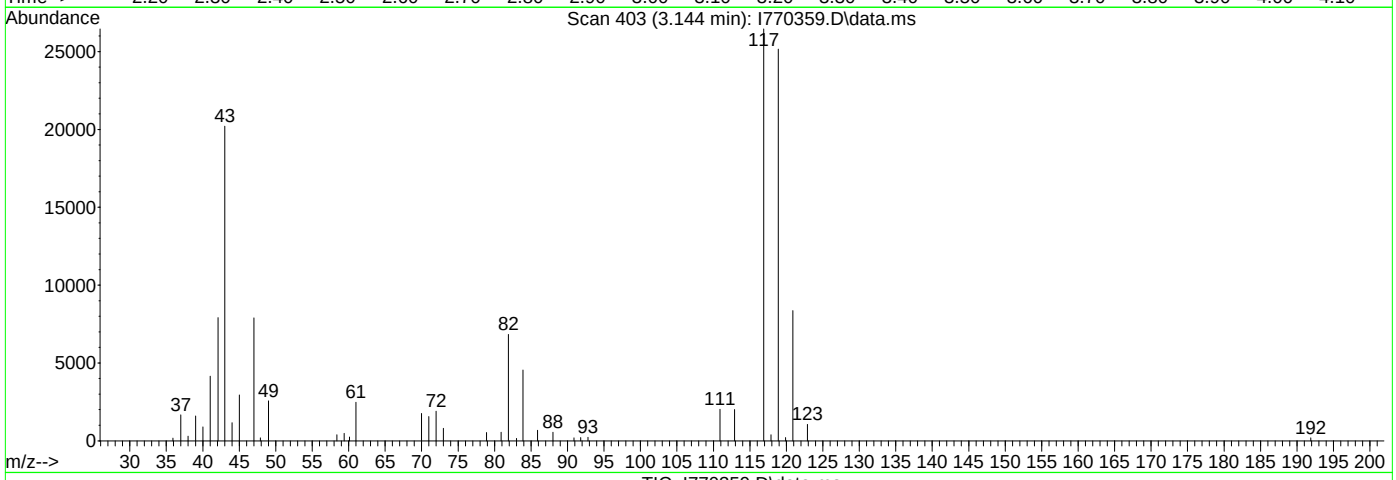
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.93
120.90	29.40	31.85
81.90	25.70	26.06

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 52.50ug/L m

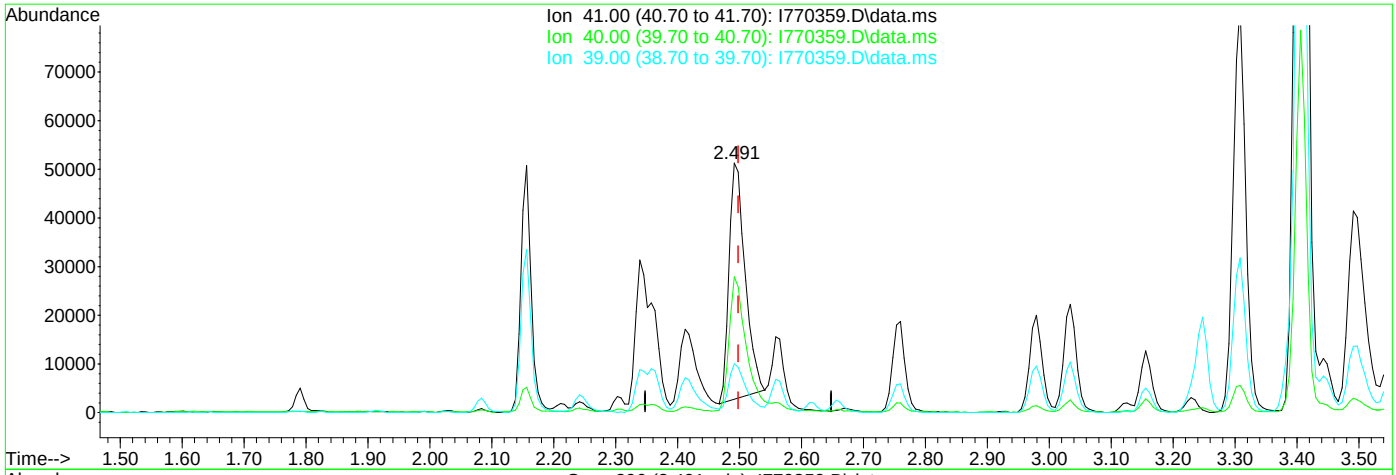
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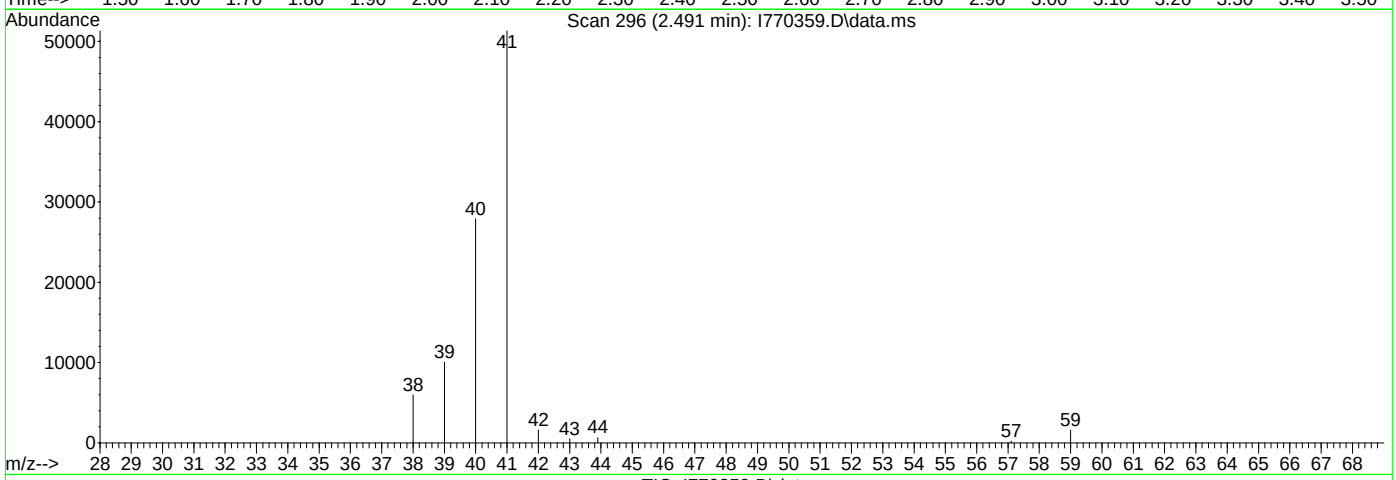
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.07
120.90	29.40	31.57
81.90	25.70	25.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 388.72ug/L

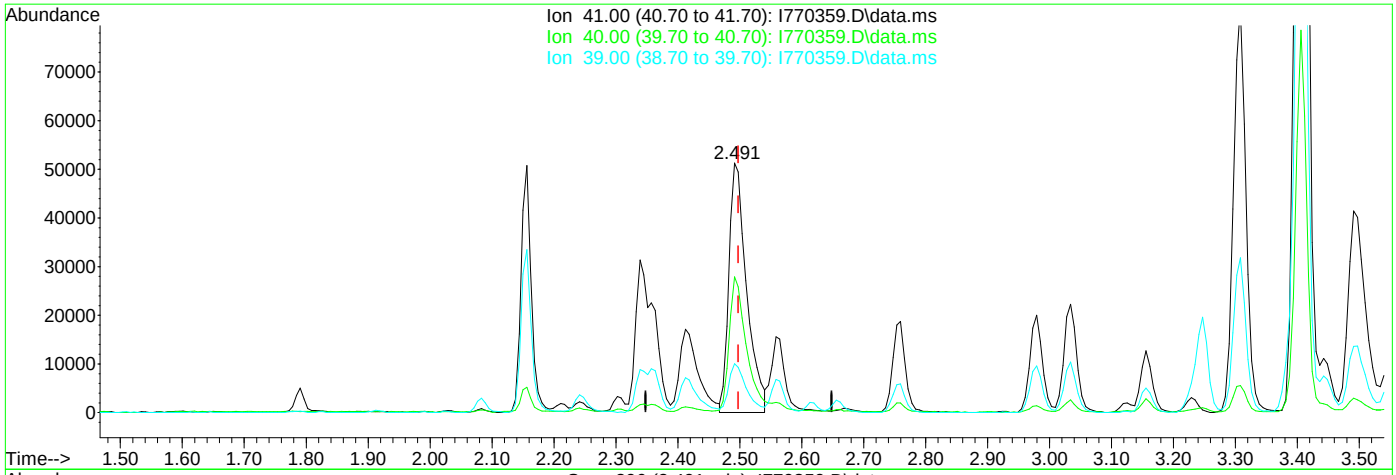
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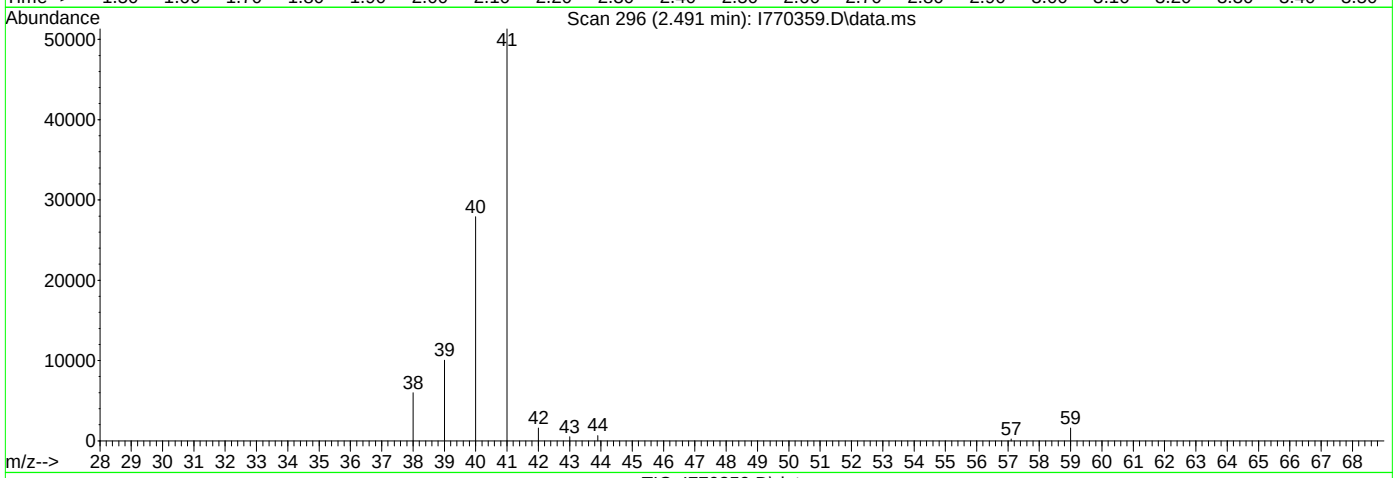
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	55.38
39.00	20.00	18.83
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 451.36ug/L m

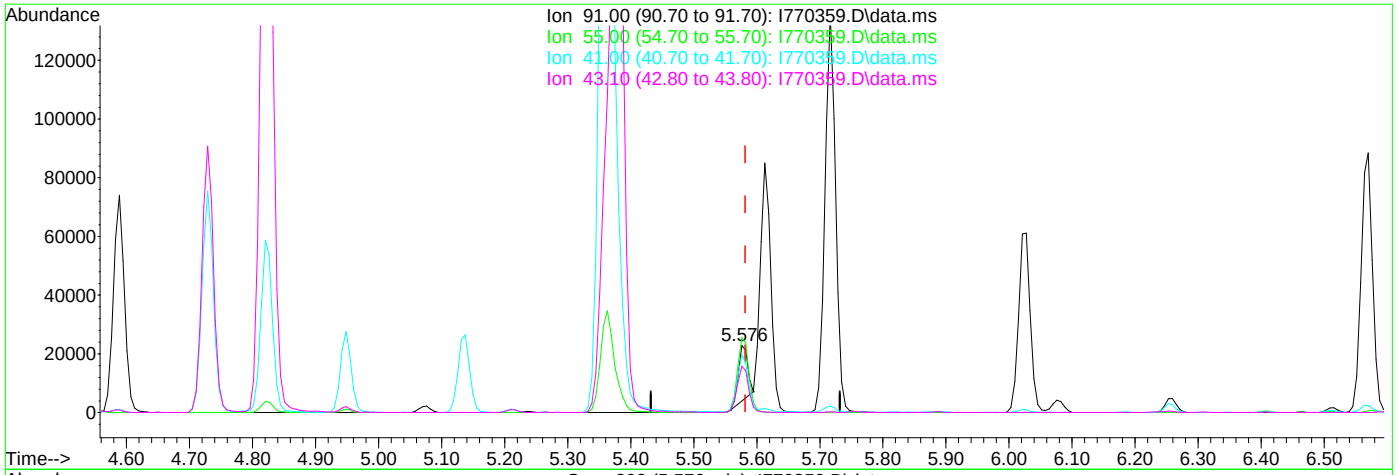
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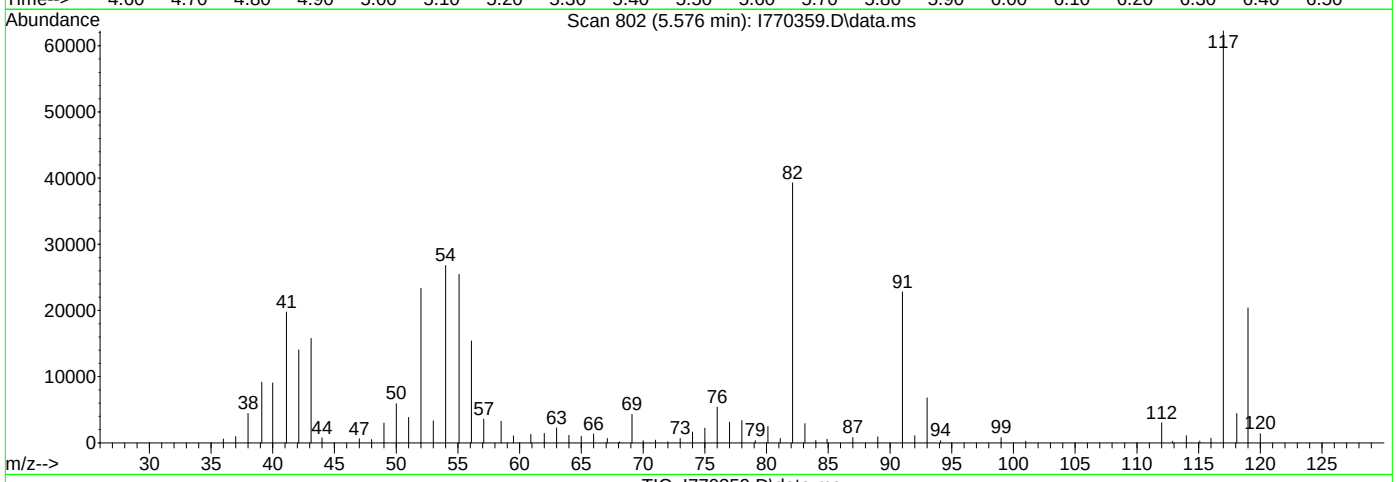
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.40
39.00	20.00	19.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 27.29ug/L

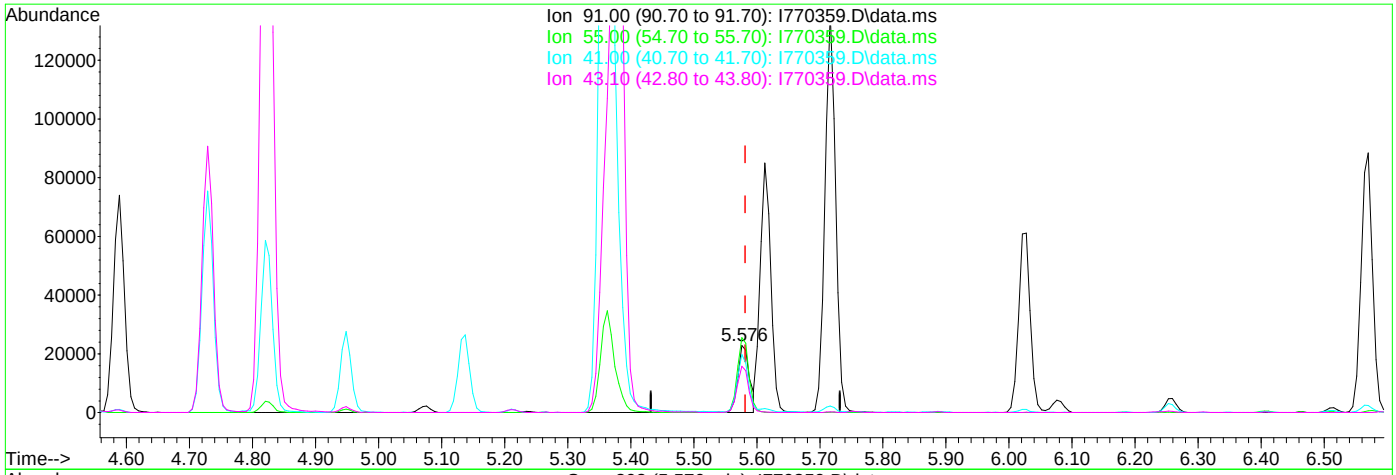
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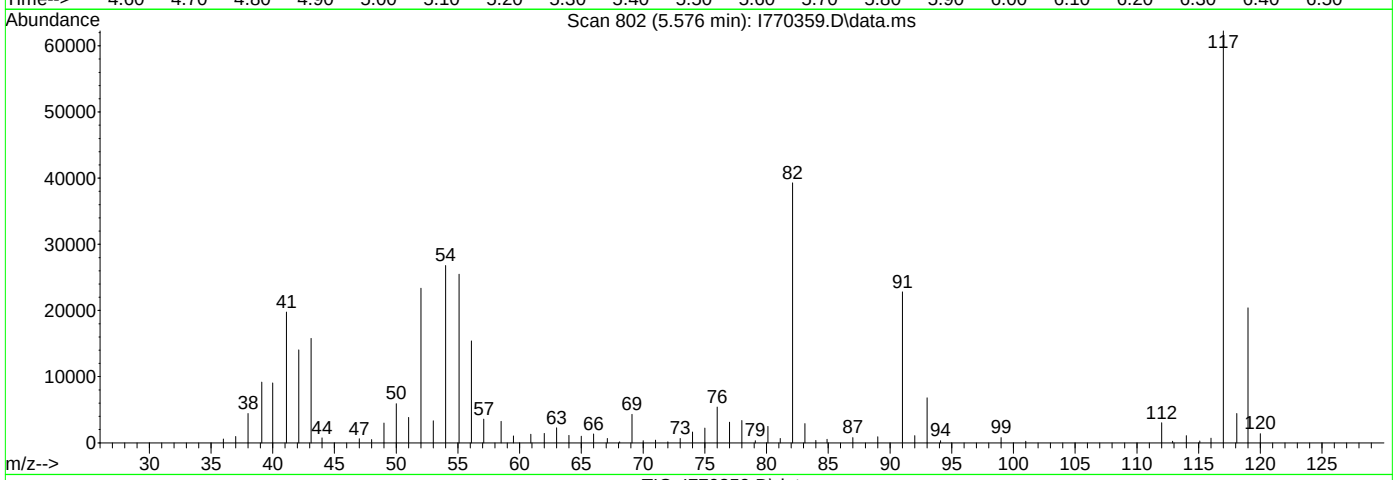
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	110.27#
41.00	64.20	84.47#
43.10	52.80	68.16

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.006) 38.79ug/L m

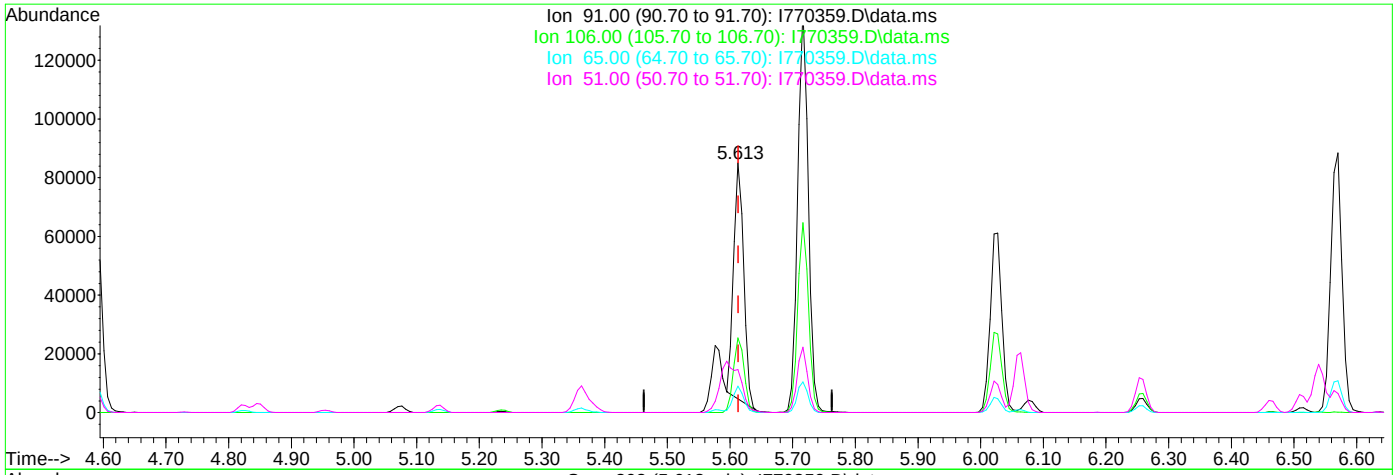
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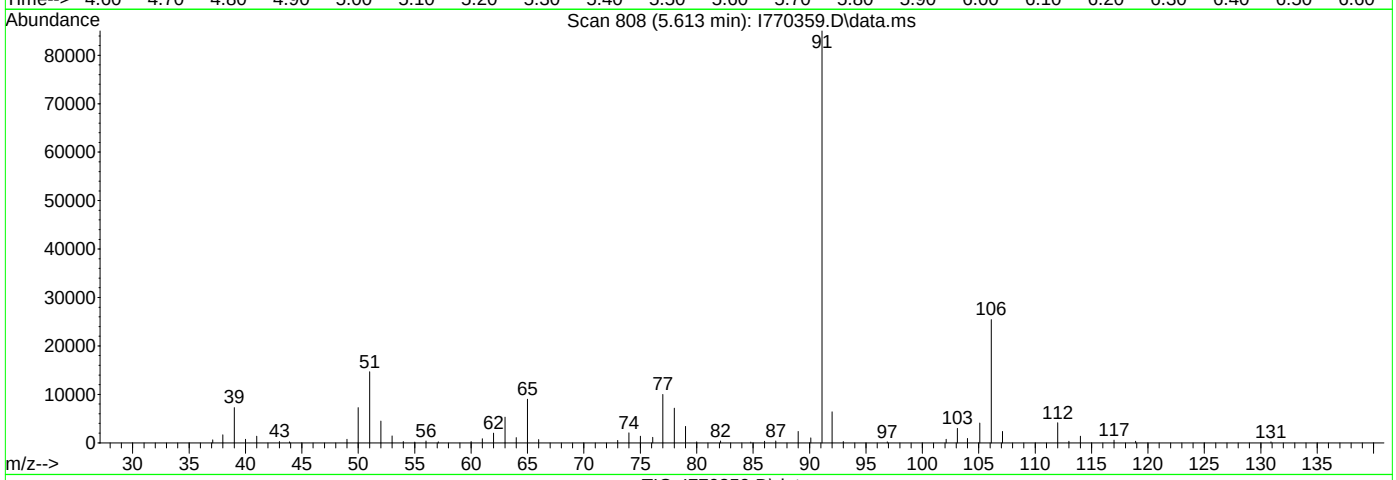
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	111.67#
41.00	64.20	86.55#
43.10	52.80	69.12

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 37.10ug/L

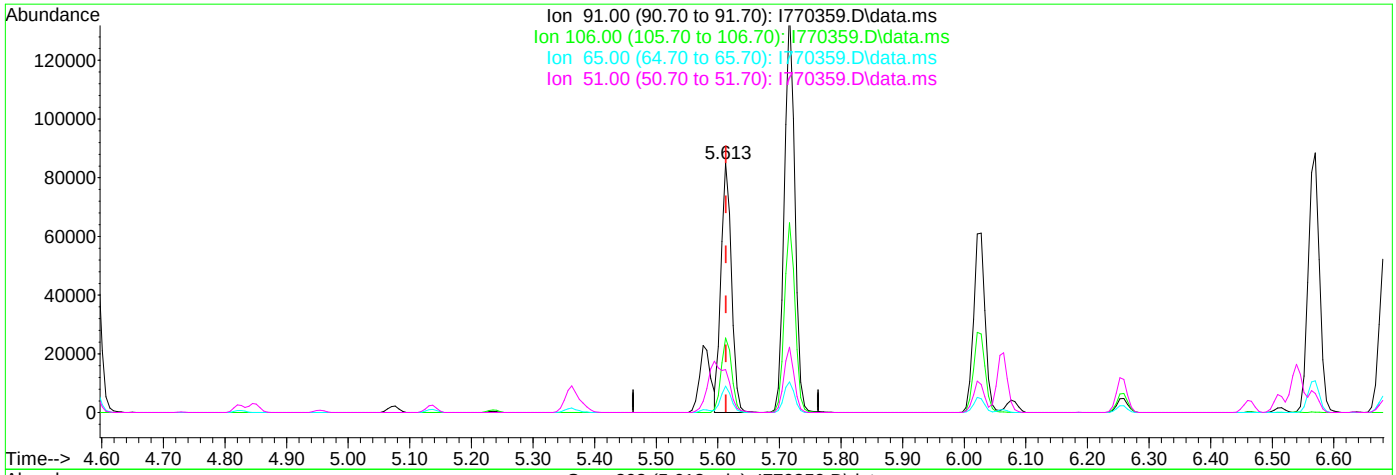
response 89006

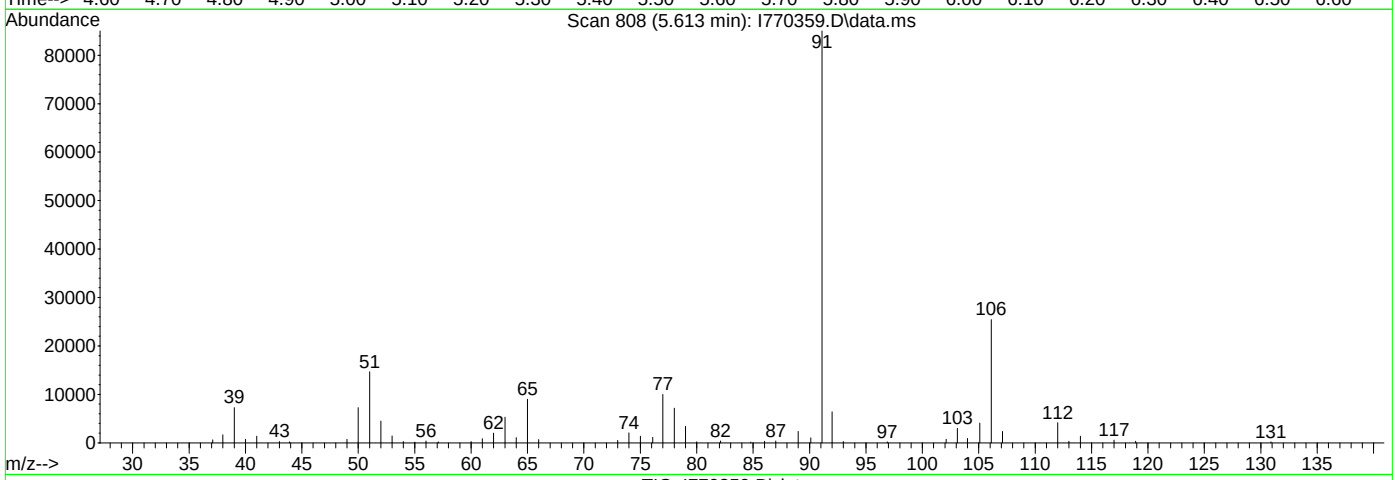
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.13
65.00	9.50	10.44
51.00	11.40	16.73

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:45:09 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 41.91ug/L m

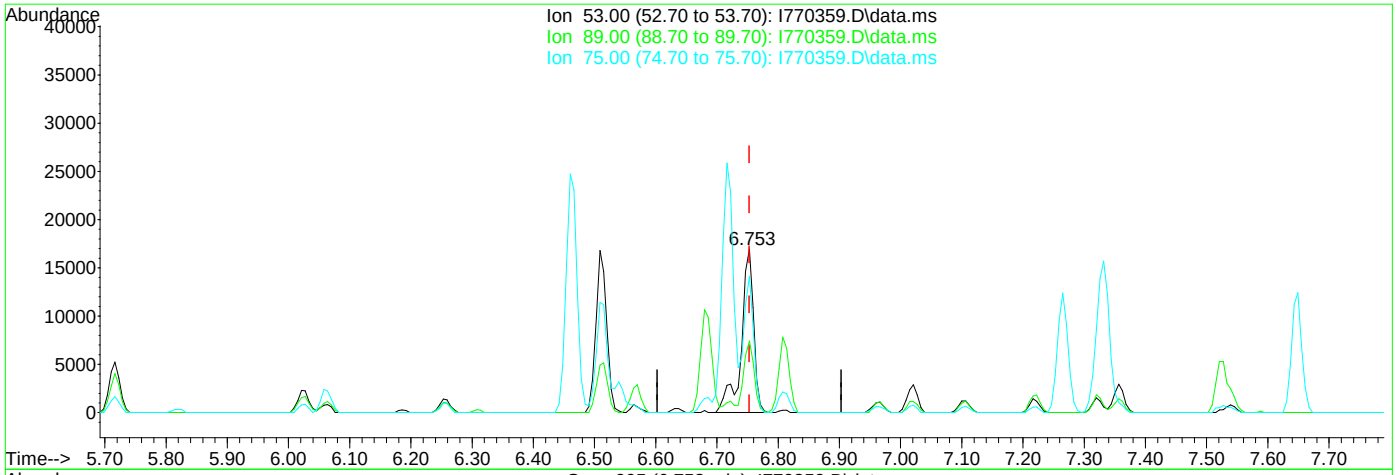
response 100548

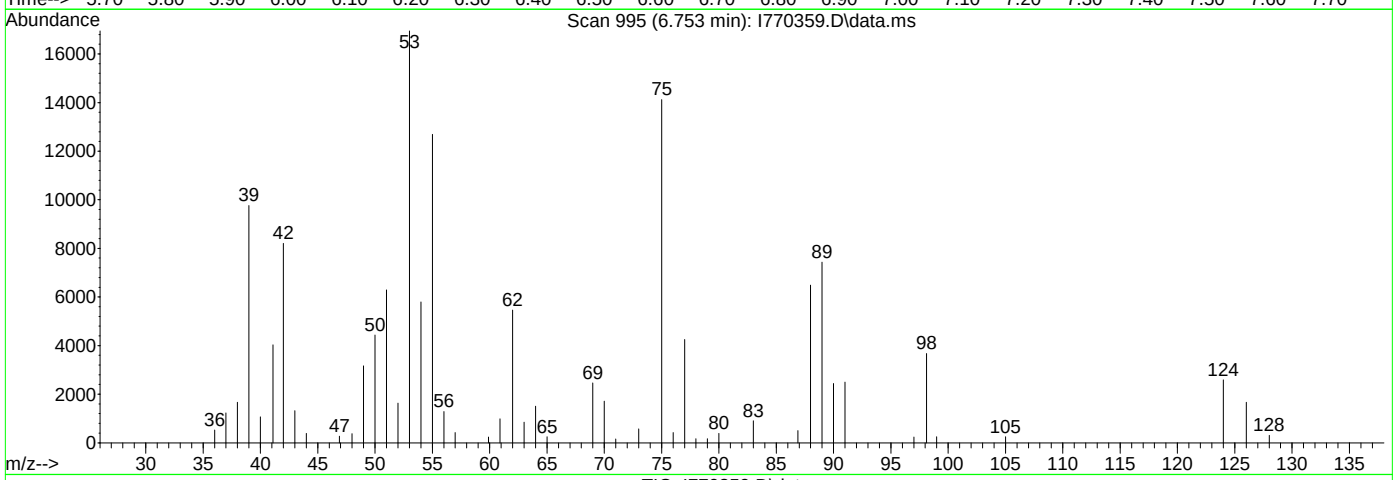
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.93
65.00	9.50	10.56
51.00	11.40	17.26

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:53:02 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(93) trans-1,4-Dichloro-2-Butene

6.753min (-0.000) 55.23ug/L

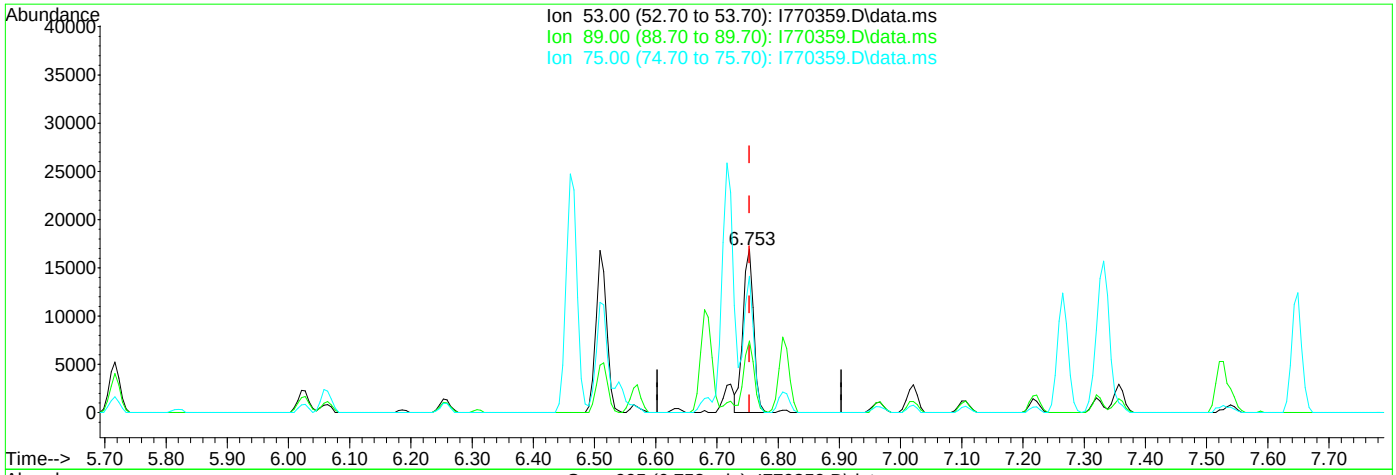
response 24123

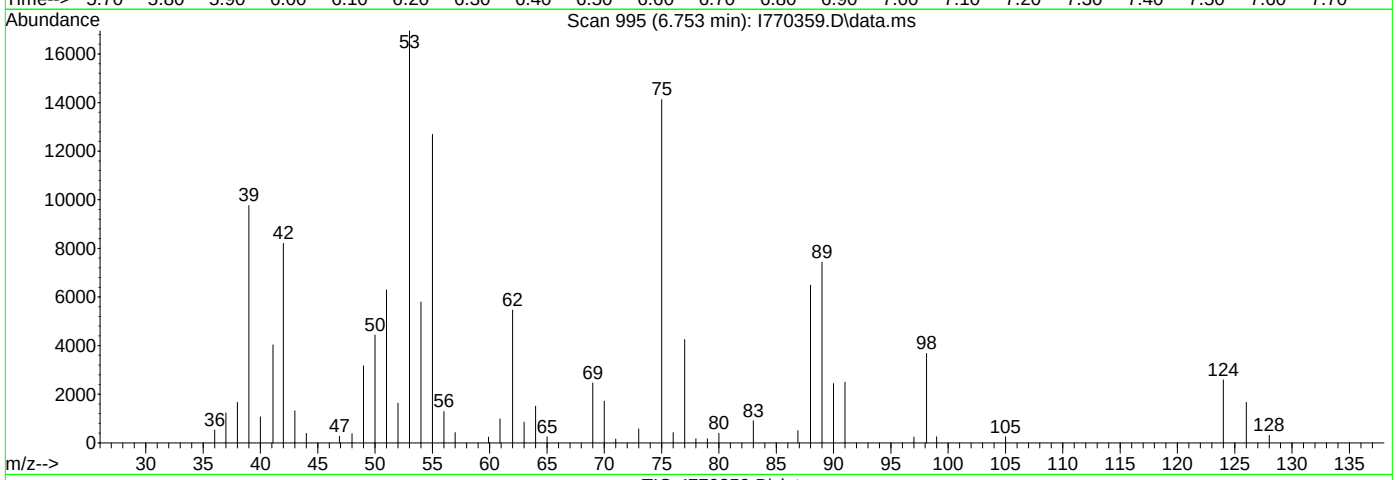
Ion	Exp%	Act%
53.00	100	100
89.00	59.50	42.00
75.00	100.00	83.29
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770359.D
Acq On : 30 Mar 2025 1:31 pm
Operator : jeniferw
Sample : ICC3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 31 05:53:02 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770359.D\data.ms

(93) trans-1,4-Dichloro-2-Butene

6.753min (-0.000) 47.13ug/L m

response 20586

Ion	Exp%	Act%
53.00	100	100
89.00	59.50	43.86
75.00	100.00	83.29
0.00	0.00	0.00

I770360.D

Manual Integrations APPROVED (compounds with "m" flag)

Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:53:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	150583	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	105064	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	61230	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46403	54.37	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	108.74%		
49) 1,2-Dichloroethane-d4	3.461	65	64260	57.75	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	115.50%		
63) Toluene-d8	4.558	98	151806	50.00	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	100.00%		
86) 4-Bromofluorobenzene	6.466	174	44514	50.57	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	101.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	49190	72.83	ug/L	99
3) Chloromethane	1.205	50	63132	69.38	ug/L	98
4) 1,3-butadiene	1.272	39	61220	89.52	ug/L	94
5) Vinyl Chloride	1.260	62	53234	69.04	ug/L	97
6) Bromomethane	1.455	94	24877	77.03	ug/L	98
7) Chloroethane	1.516	64	22468	101.58	ug/L	95
8) Trichlorofluoromethane	1.595	101	69184	95.34	ug/L	97
9) Ethyl Ether	1.790	59	58370	97.09	ug/L	84
10) Ethanol	1.912	45	40983	2373.90	ug/L	74
11) 1,2-Dichlorotrifluoroe...	1.888	67	54968	94.34	ug/L	98
12) 1,1-Dichloroethene	1.888	61	91260	98.65	ug/L	91
13) Freon 113	1.912	101	43084	91.81	ug/L	93
14) Carbon Disulfide	1.912	76	133679	92.66	ug/L	91
15) Iodomethane	1.973	142	46567	88.83	ug/L	90
16) Acrolein	2.083	56	112438	430.10	ug/L	100
17) Allyl chloride	2.150	41	95760	89.74	ug/L	89
18) Methylene Chloride	2.211	49	97759	102.95	ug/L	80
19) Acetone	2.241	43	210705	454.90	ug/L	97
20) Methyl acetate	2.302	43	679978	514.11	ug/L	92
21) trans-1,2-Dichloroethene	2.296	61	85375	93.89	ug/L	90
22) Hexane	2.339	56	53138	92.00	ug/L #	79
23) Methyl Tert Butyl Ether	2.363	73	147744	87.05	ug/L #	59
24) Acetonitrile	2.491	41	155516m	690.70	ug/L	
25) Tert Butyl Alcohol	2.418	59	265752	722.39	ug/L	81
26) Di-isopropyl ether	2.558	45	215759	86.77	ug/L	93
27) Chloroprene	2.656	53	244714	76.70	ug/L	81
28) 1,1-Dichloroethane	2.625	63	92504	80.29	ug/L	97
29) Acrylonitrile	2.656	52	193524	375.50	ug/L #	67
30) ETBE	2.753	59	183268	80.30	ug/L	92
31) Vinyl acetate	2.759	43	920836	418.80	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	41182	76.05	ug/L	86
33) 2,2-Dichloropropane	2.979	77	66118	82.20	ug/L	97
34) Bromochloromethane	3.028	128	20101	74.73	ug/L #	64
35) Cyclohexane	3.034	56	96493	77.85	ug/L #	89
36) Chloroform	3.058	83	78875	78.03	ug/L	93
37) Ethyl acetate	3.125	43	647225	382.85	ug/L	95
38) Tetrahydrofuran	3.156	42	50207	77.46	ug/L	94
40) Carbon Tetrachloride	3.144	117	63991m	89.18	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	68832	85.71	ug/L	98
42) 2-Butanone	3.229	43	375152	381.93	ug/L	87
43) 1,1-Dichloropropene	3.247	75	50113	78.00	ug/L	90
44) tert-Butyl formate	3.308	59	309446	471.21	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:53:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.400	54	200254	694.91	ug/L	#	3
46) Methacrylonitrile	3.406	41	642166	743.59	ug/L		95
47) Benzene	3.387	78	150760	73.90	ug/L		77
48) TAME	3.448	73	121592	73.90	ug/L	#	78
50) 1,2-Dichloroethane	3.497	62	79528	85.04	ug/L		95
51) Isobutyl Alcohol	3.448	43	53200	1649.78	ug/L		74
52) Tert Amyl Alcohol	3.558	59	200070	664.65	ug/L		87
53) Trichloroethene	3.710	95	42191	74.51	ug/L		98
54) Methylcyclohexane	3.710	83	56545	69.69	ug/L	#	75
55) Dibromomethane	3.960	93	30738	75.87	ug/L		99
56) 1,2-Dichloropropane	4.021	63	48126	73.74	ug/L		93
57) Bromodichloromethane	4.052	83	61548	80.43	ug/L	#	96
58) Methyl methacrylate	4.137	41	73425	76.25	ug/L		85
59) 1,4-Dioxane	4.186	88	21926	1231.26	ug/L		75
60) 2-Chloroethyl vinyl ether	4.393	63	217303	407.87	ug/L		85
61) cis-1,3-Dichloropropene	4.436	75	68658	77.95	ug/L		89
64) Toluene	4.588	91	156495	71.53	ug/L		99
65) 2-Nitropropane	4.729	41	162151	416.14	ug/L		96
66) 4-Methyl-2-pentanone	4.826	43	585360	369.93	ug/L		97
67) trans-1,3-Dichloropropene	4.851	75	69012	78.26	ug/L		93
68) Tetrachloroethene	4.838	166	40236	76.78	ug/L		92
69) Ethyl methacrylate	4.948	69	55909	67.53	ug/L	#	77
70) 1,1,2-Trichloroethane	4.954	83	31534	67.28	ug/L		79
71) Dibromochloromethane	5.076	129	48113	81.14	ug/L		98
72) 1,3-Dichloropropane	5.137	76	65646	69.84	ug/L		86
73) 1,2-Dibromoethane	5.235	107	44656	73.46	ug/L		93
74) 3,3-Dimethyl-1-Butanol	5.369	57	1195868	3776.48	ug/L		85
75) 2-hexanone	5.381	43	682227	383.00	ug/L		97
76) 1-Chlorohexane	5.582	91	50492m	67.92	ug/L		
77) Ethylbenzene	5.613	91	174215m	73.34	ug/L		
78) Chlorobenzene	5.594	112	101089	72.33	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	40876	79.18	ug/L		96
80) m,p-Xylene	5.716	91	280011	152.26	ug/L		100
81) o-Xylene	6.027	91	138459	74.89	ug/L		99
82) Styrene	6.064	104	102942	74.76	ug/L		94
83) Bromoform	6.082	173	35789	83.60	ug/L		97
84) Isopropylbenzene	6.259	105	163818	76.23	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.515	53	37638	75.24	ug/L	#	79
88) n-Propylbenzene	6.570	91	196213	69.27	ug/L		99
89) Bromobenzene	6.545	156	43763	73.42	ug/L		88
90) 1,1,2,2-Tetrachloroethane	6.618	83	62555	60.53	ug/L		97
91) 1,3,5-Trimethylbenzene	6.722	105	141007	73.12	ug/L		99
92) 2-Chlorotoluene	6.686	91	107456	66.80	ug/L		95
93) trans-1,4-Dichloro-2-B...	6.753	53	30716	68.70	ug/L		84
94) 1,2,3-Trichloropropane	6.722	110	21933	70.89	ug/L		95
95) Cyclohexanone	6.753	55	33918	309.69	ug/L		90
96) 4-Chlorotoluene	6.807	91	124984	70.42	ug/L		96
97) tert-Butylbenzene	6.966	91	79150	73.22	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	145022	73.69	ug/L		99
99) Pentachloroethane	6.978	167	26513	81.61	ug/L	#	5
100) sec-Butylbenzene	7.106	105	158038	69.65	ug/L		99
101) 4-Isopropyltoluene	7.222	119	135287	72.39	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	80681	70.87	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	140936	68.74	ug/L		98
104) 1,4-Dichlorobenzene	7.338	146	83919	71.34	ug/L		98
105) n-Butylbenzene	7.539	92	73417	69.17	ug/L		87
106) Benzyl Chloride	7.527	126	26013	74.41	ug/L	#	93
107) 1,2-Dichlorobenzene	7.649	146	77573	70.02	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:53:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

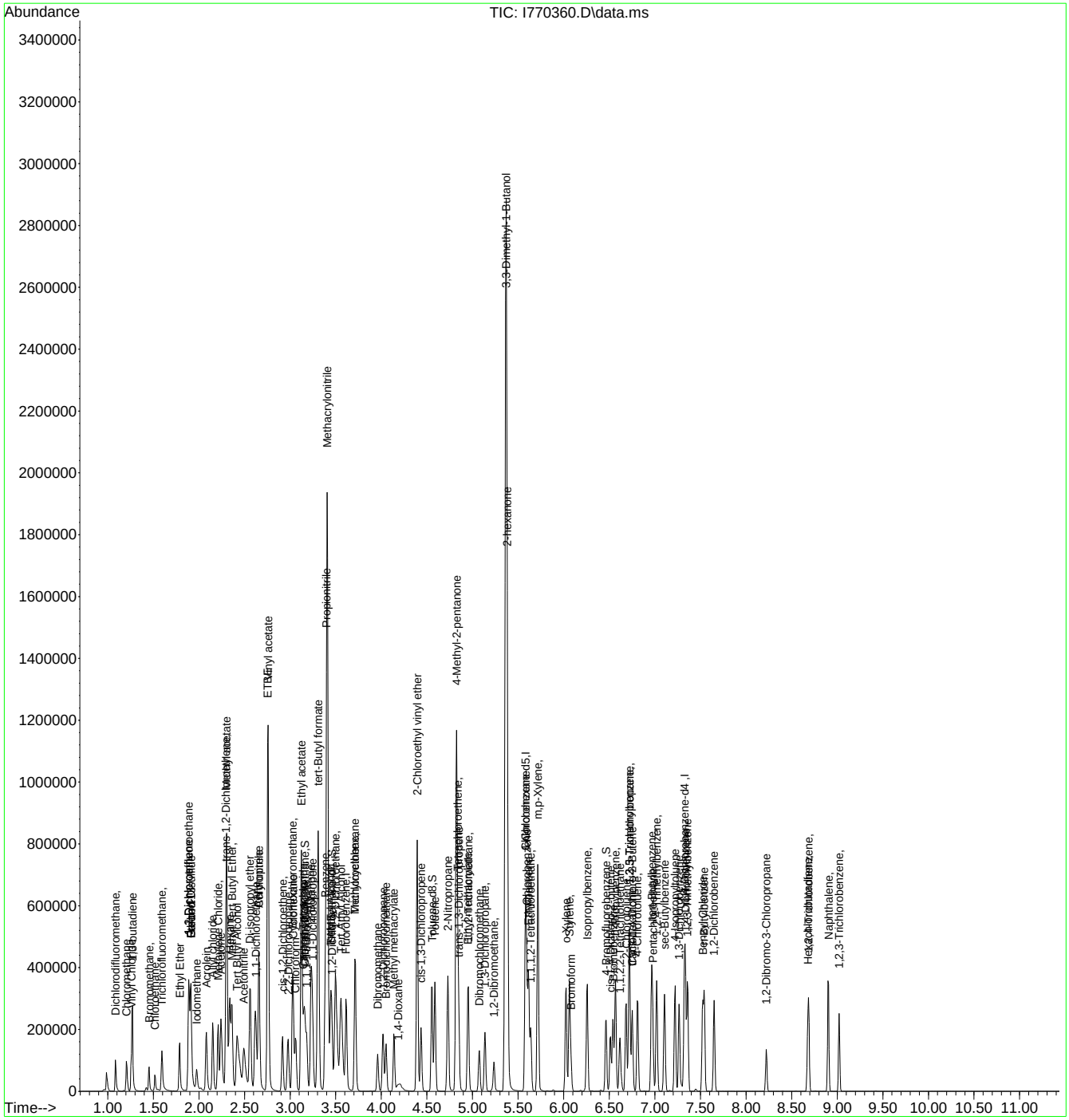
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	21348	74.64	ug/L	92
109) Hexachlorobutadiene	8.679	225	17252	72.92	ug/L	89
110) 1,2,4-Trichlorobenzene	8.685	180	44903	69.29	ug/L	95
111) Naphthalene	8.905	128	171539	71.28	ug/L	99
112) 1,2,3-Trichlorobenzene	9.020	180	43060	72.27	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:53:51 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VI3517-IC3517
Lab FileID: I770360.D
Injection Time: 03/30/25 13:48

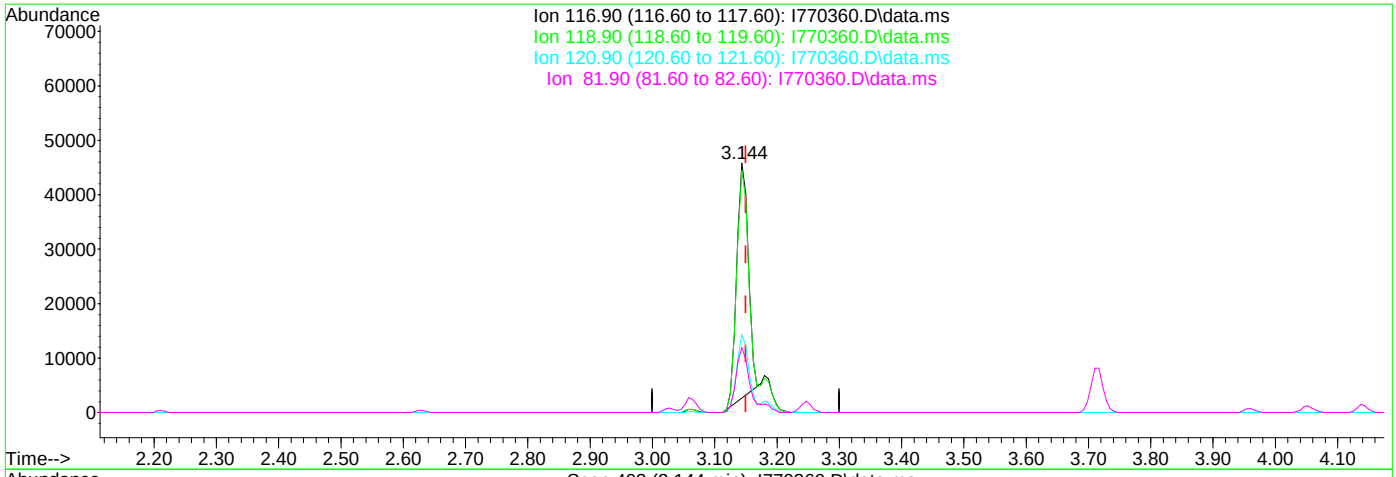
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

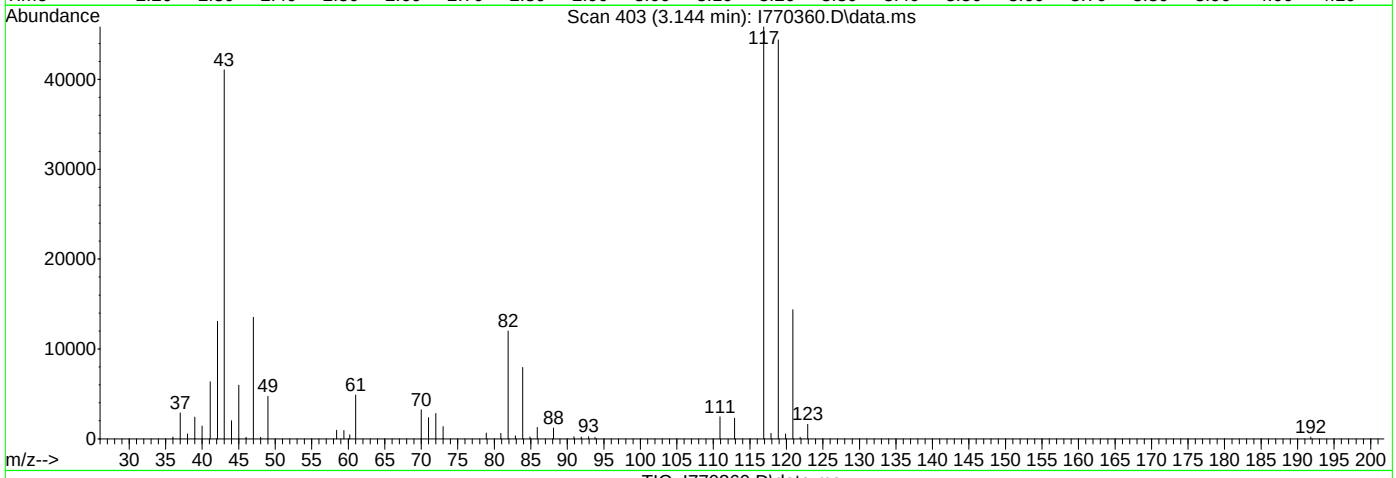
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 78.27ug/L

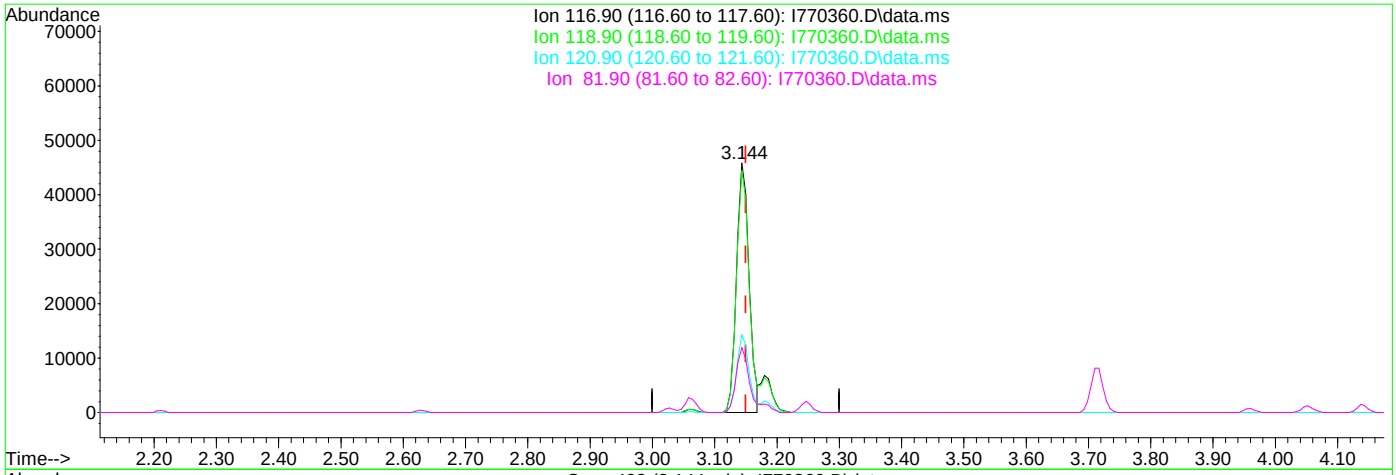
response 56164

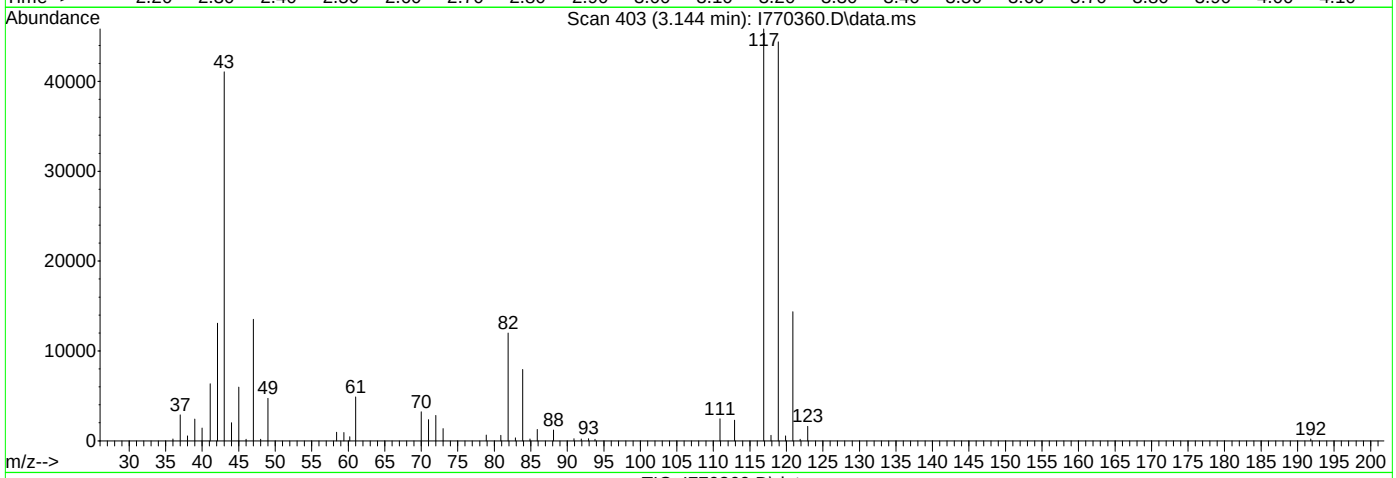
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.84
120.90	29.40	31.31
81.90	25.70	26.13

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 89.18ug/L m

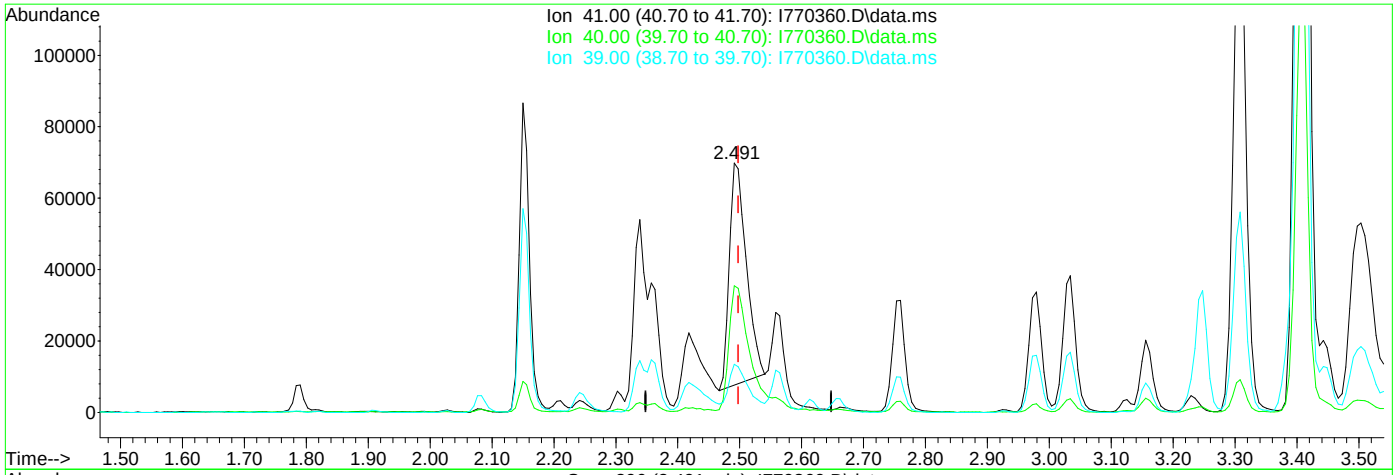
response 63991

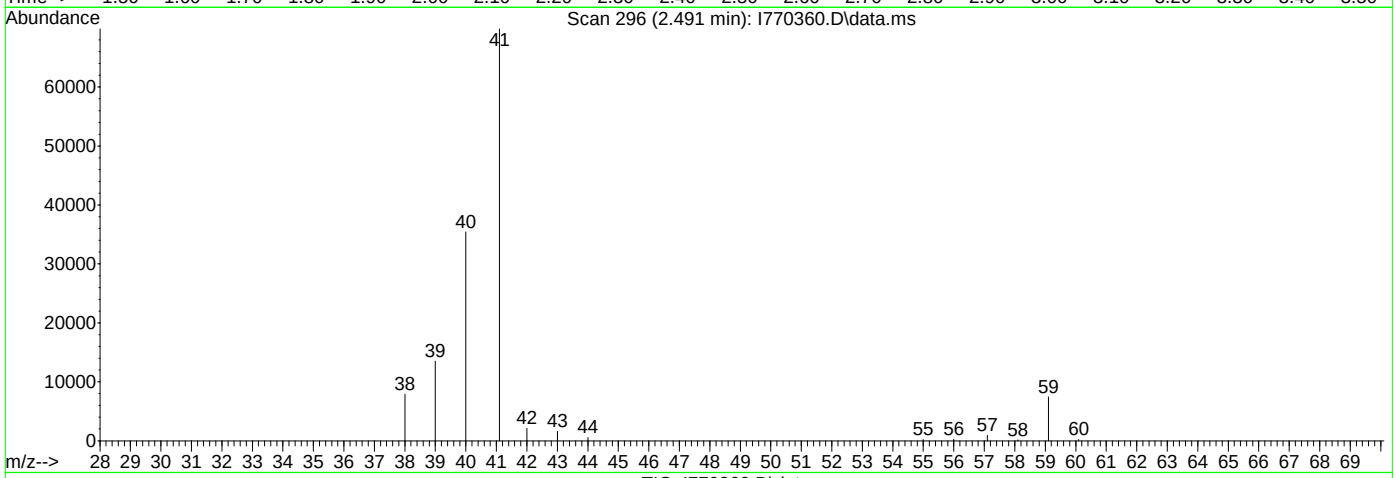
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.84
120.90	29.40	31.31
81.90	25.70	26.13

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 525.46ug/L

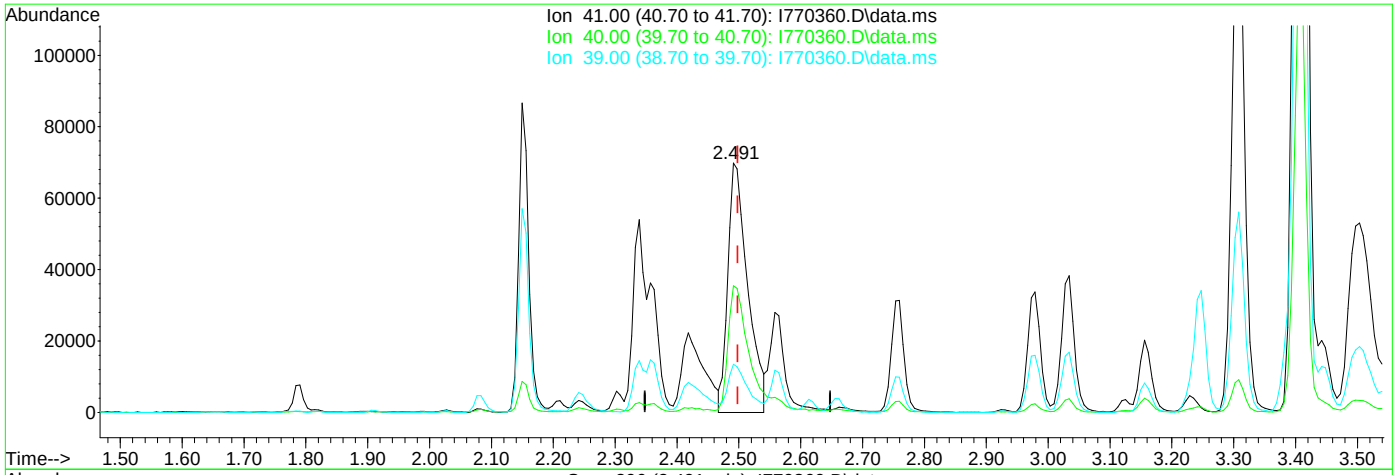
response 118313

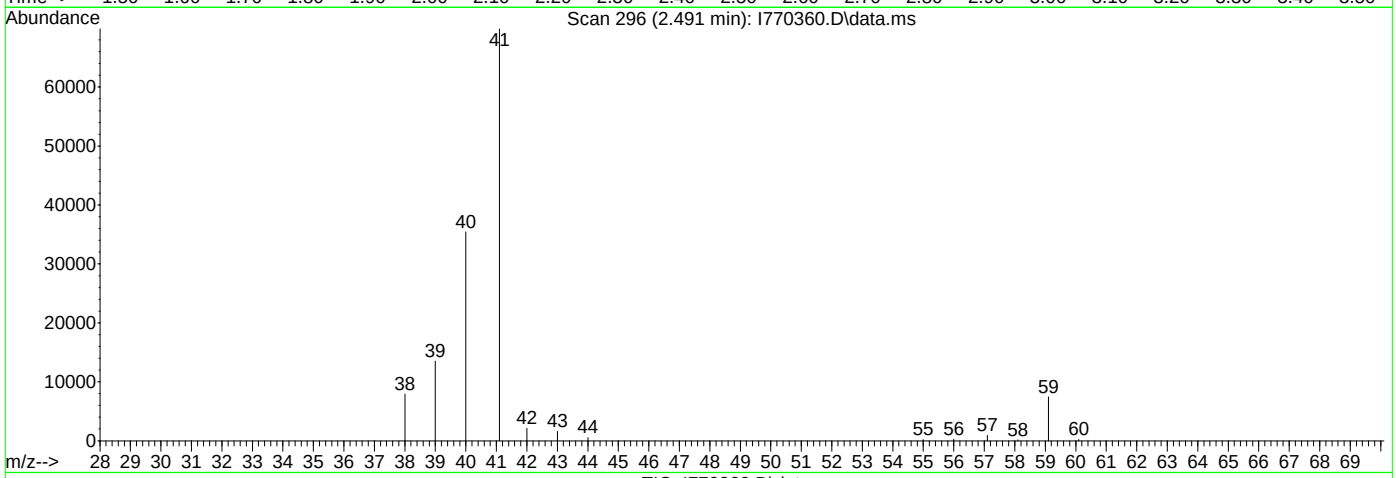
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.41
39.00	20.00	17.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(24) Acetonitrile

2.491min (-0.007) 690.70ug/L m

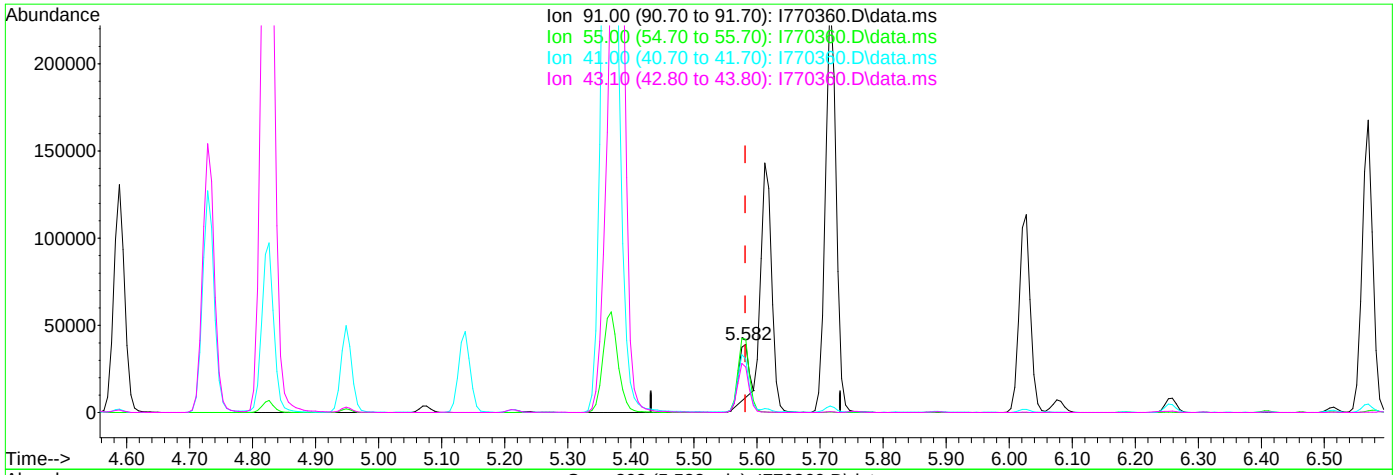
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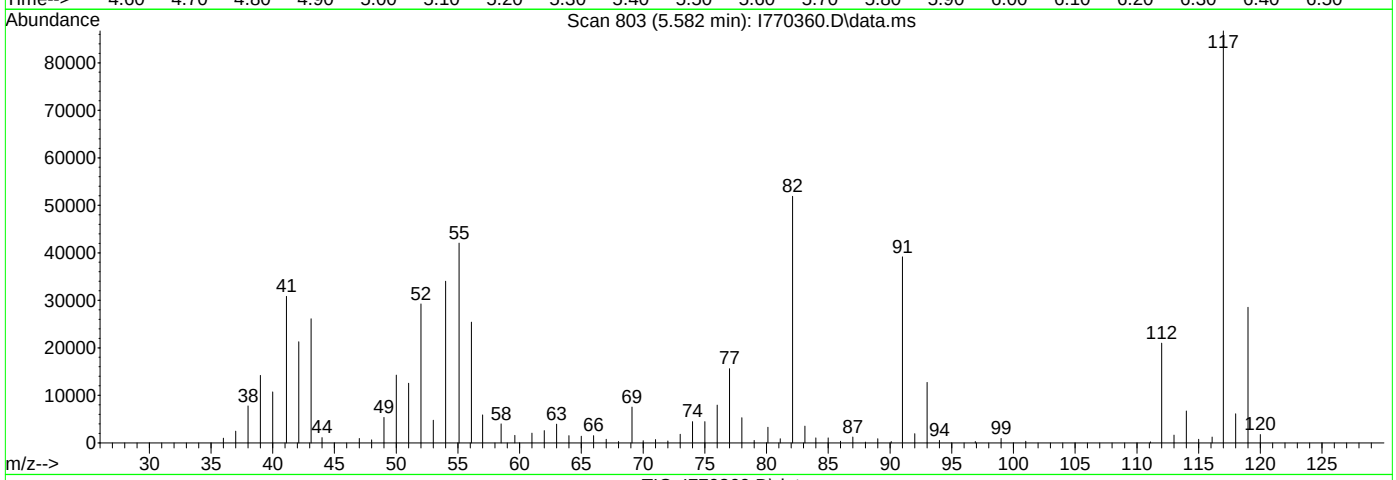
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	50.73
39.00	20.00	19.37
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 48.01ug/L

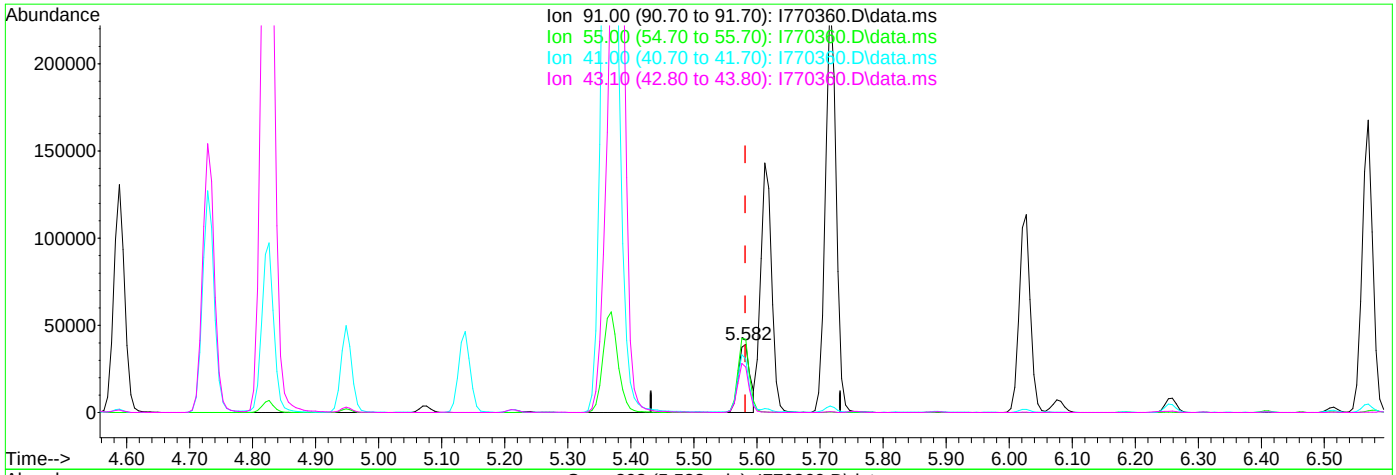
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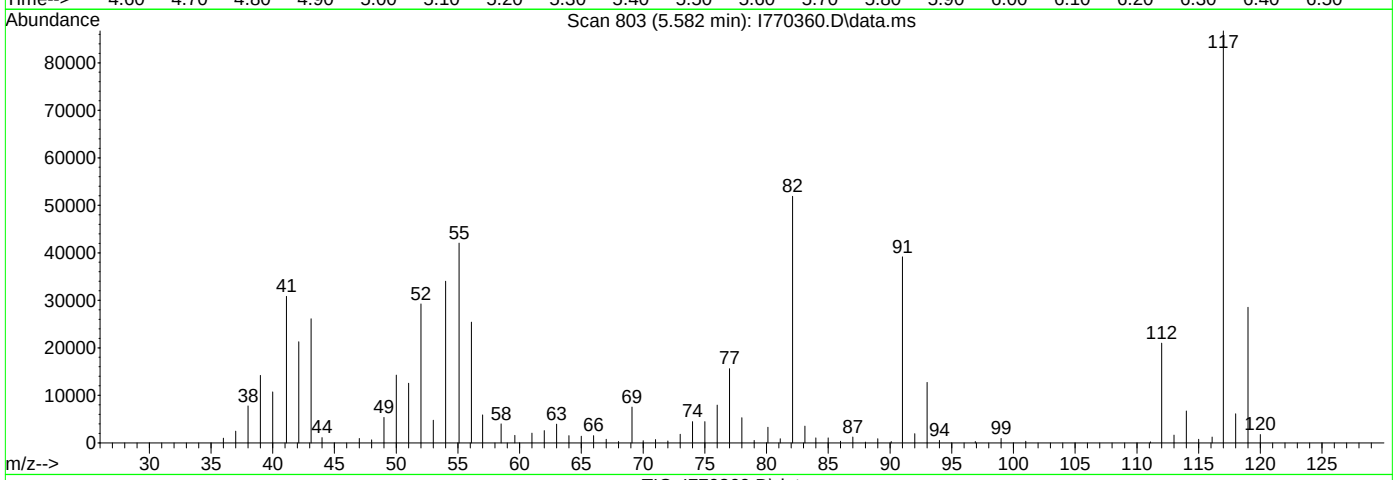
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	106.27#
41.00	64.20	76.90
43.10	52.80	65.54

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 67.92ug/L m

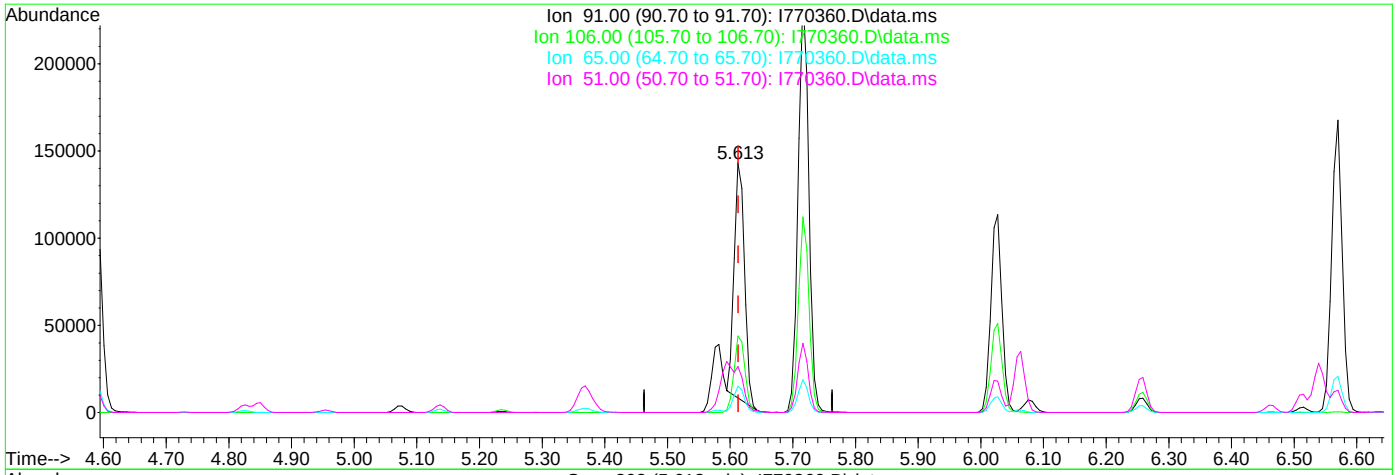
response 50492

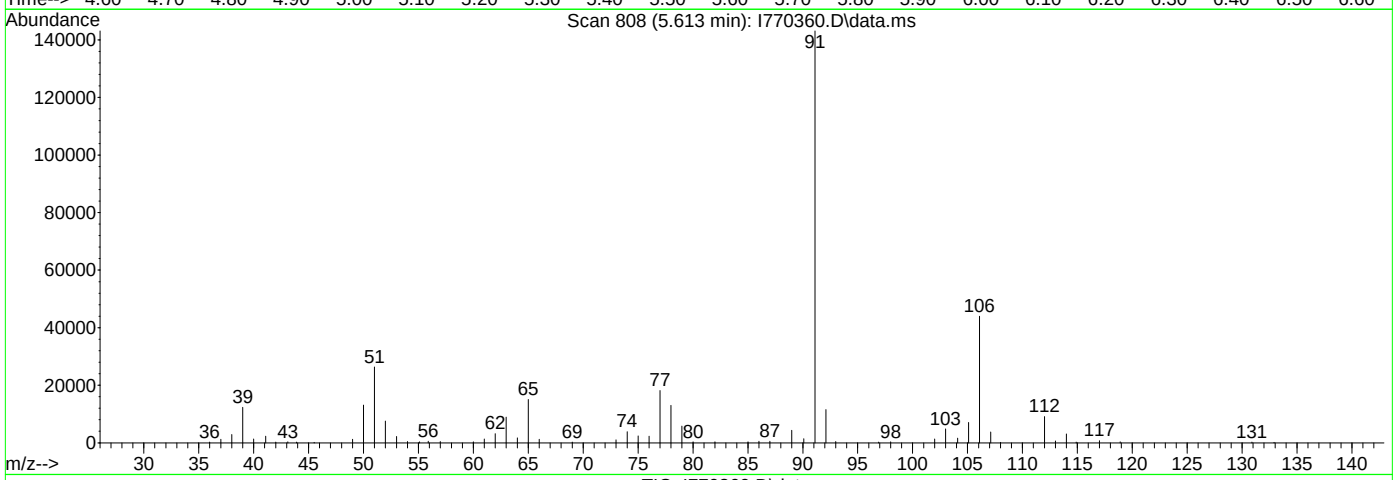
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	107.29#
41.00	64.20	78.75
43.10	52.80	66.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 64.71ug/L

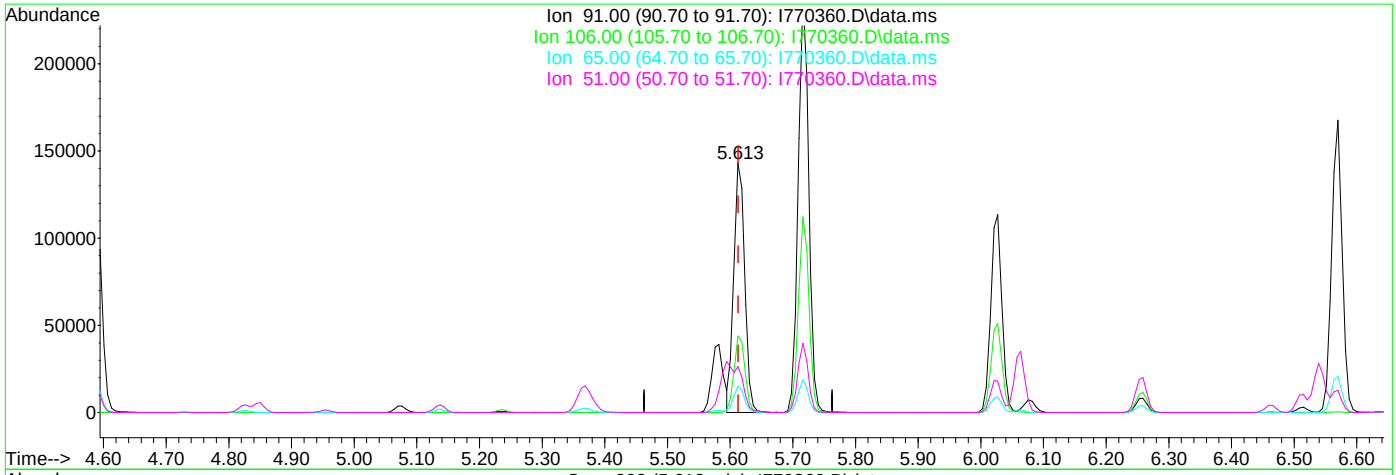
response 153697

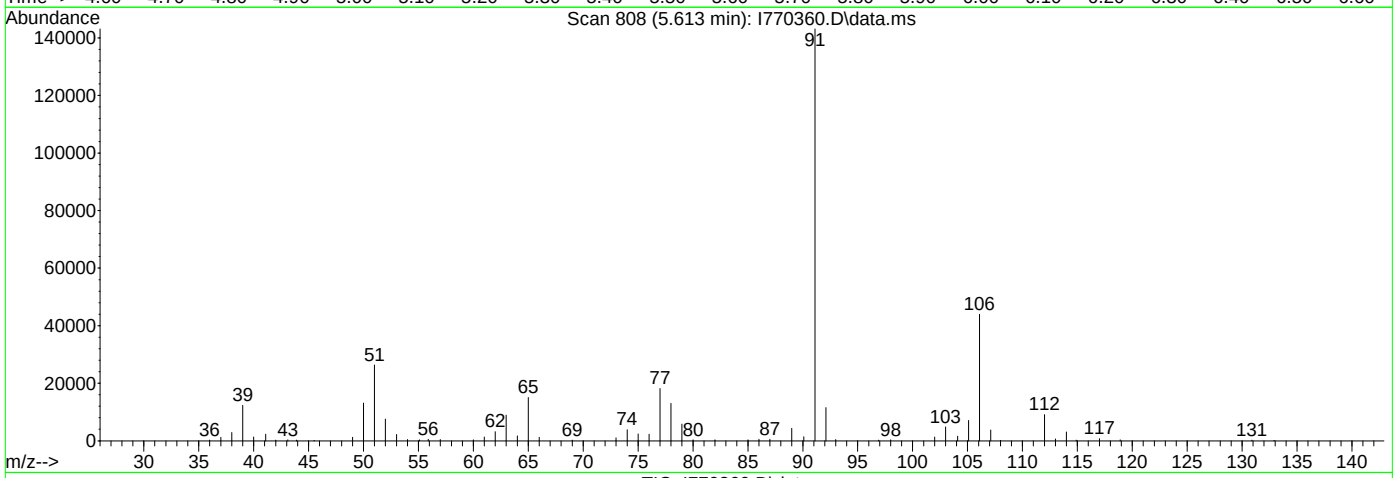
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.74
65.00	9.50	10.50
51.00	11.40	17.74

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770360.D
Acq On : 30 Mar 2025 1:48 pm
Operator : jeniferw
Sample : IC3517-6 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 31 05:45:11 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770360.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 73.34ug/L m

response 174215

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.74
65.00	9.50	10.55
51.00	11.40	18.42

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:46:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	153247	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	109168	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	62618	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46866	53.95	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	107.90%		
49) 1,2-Dichloroethane-d4	3.461	65	60275	53.23	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	106.46%		
63) Toluene-d8	4.558	98	156950	49.75	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.50%		
86) 4-Bromofluorobenzene	6.466	174	46272	51.40	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	102.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	74237	108.00	ug/L	99
3) Chloromethane	1.211	50	93748	101.24	ug/L	100
4) 1,3-butadiene	1.272	39	88459	127.10	ug/L	94
5) Vinyl Chloride	1.260	62	78505	100.04	ug/L	95
6) Bromomethane	1.455	94	37160	113.06	ug/L	100
7) Chloroethane	1.522	64	32128	142.72	ug/L	97
8) Trichlorofluoromethane	1.595	101	89536	121.24	ug/L	99
9) Ethyl Ether	1.790	59	87119	142.39	ug/L	85
10) Ethanol	1.949	45	52958m	Below Cal		
11) 1,2-Dichlorotrifluoroe...	1.888	67	82549	139.21	ug/L	99
12) 1,1-Dichloroethene	1.888	61	137399	145.94	ug/L	91
13) Freon 113	1.912	101	65032	136.17	ug/L	95
14) Carbon Disulfide	1.906	76	198442	135.15	ug/L	86
15) Iodomethane	1.973	142	70118	131.43	ug/L	92
16) Acrolein	2.083	56	165799	623.20	ug/L	98
17) Allyl chloride	2.150	41	133348	122.79	ug/L	90
18) Methylene Chloride	2.211	49	140340	145.22	ug/L	81
19) Acetone	2.248	43	283977	602.43	ug/L	99
20) Methyl acetate	2.309	43	830230	616.80	ug/L	94
21) trans-1,2-Dichloroethene	2.296	61	126177	136.34	ug/L	92
22) Hexane	2.339	56	79189	134.72	ug/L #	77
23) Methyl Tert Butyl Ether	2.363	73	218160	126.30	ug/L #	55
24) Acetonitrile	2.497	41	227864m	994.42	ug/L	
25) Tert Butyl Alcohol	2.430	59	351999	940.21	ug/L	79
26) Di-isopropyl ether	2.565	45	313693	123.97	ug/L	94
27) Chloroprene	2.662	53	349149	107.54	ug/L	82
28) 1,1-Dichloroethane	2.626	63	135197	115.30	ug/L	97
29) Acrylonitrile	2.662	52	278206	530.42	ug/L #	68
30) ETBE	2.760	59	270301	116.37	ug/L	92
31) Vinyl acetate	2.760	43	1327685	593.34	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	59665	108.26	ug/L	86
33) 2,2-Dichloropropane	2.979	77	98117	119.87	ug/L	97
34) Bromochloromethane	3.028	128	28736	104.98	ug/L #	64
35) Cyclohexane	3.034	56	142701	113.14	ug/L	88
36) Chloroform	3.064	83	115829	112.59	ug/L	95
37) Ethyl acetate	3.125	43	935251	543.60	ug/L	95
38) Tetrahydrofuran	3.156	42	69850	105.89	ug/L	89
40) Carbon Tetrachloride	3.144	117	96433m	132.06	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	103580	126.73	ug/L	95
42) 2-Butanone	3.235	43	544223	544.42	ug/L	89
43) 1,1-Dichloropropene	3.247	75	76014	116.26	ug/L	87
44) tert-Butyl formate	3.308	59	450540	674.14	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:46:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.406	54	293105	999.44	ug/L	#	1
46)	Methacrylonitrile	3.412	41	927502	1055.32	ug/L		95
47)	Benzene	3.388	78	221471	106.68	ug/L		85
48)	TAME	3.449	73	178489	106.59	ug/L	#	78
50)	1,2-Dichloroethane	3.497	62	113289	119.03	ug/L		94
51)	Isobutyl Alcohol	3.449	43	81042	2469.50	ug/L		76
52)	Tert Amyl Alcohol	3.570	59	318127	1038.47	ug/L		89
53)	Trichloroethene	3.711	95	61821	107.28	ug/L		98
54)	Methylcyclohexane	3.717	83	84889	102.80	ug/L	#	79
55)	Dibromomethane	3.961	93	44406	107.69	ug/L		99
56)	1,2-Dichloropropane	4.022	63	70908	106.75	ug/L		94
57)	Bromodichloromethane	4.052	83	89801	115.31	ug/L	#	96
58)	Methyl methacrylate	4.137	41	108636	110.86	ug/L		84
59)	1,4-Dioxane	4.198	88	33618	1855.01	ug/L		81
60)	2-Chloroethyl vinyl ether	4.393	63	320635	591.36	ug/L		86
61)	cis-1,3-Dichloropropene	4.436	75	101988	113.78	ug/L		89
64)	Toluene	4.589	91	232905	102.46	ug/L		99
65)	2-Nitropropane	4.729	41	238523	589.13	ug/L		98
66)	4-Methyl-2-pentanone	4.826	43	843579	513.07	ug/L		98
67)	trans-1,3-Dichloropropene	4.851	75	100733	109.93	ug/L		94
68)	Tetrachloroethene	4.838	166	59178	108.67	ug/L		91
69)	Ethyl methacrylate	4.948	69	83410	96.97	ug/L	#	77
70)	1,1,2-Trichloroethane	4.954	83	46604	95.70	ug/L		82
71)	Dibromochloromethane	5.076	129	69557	112.89	ug/L		96
72)	1,3-Dichloropropane	5.137	76	95243	97.52	ug/L		87
73)	1,2-Dibromoethane	5.235	107	64823	102.62	ug/L		98
74)	3,3-Dimethyl-1-Butanol	5.375	57	1827609	5554.52	ug/L	#	84
75)	2-hexanone	5.381	43	1004427	542.69	ug/L	#	63
76)	1-Chlorohexane	5.582	91	75707m	98.01	ug/L		
77)	Ethylbenzene	5.613	91	260663m	105.61	ug/L		
78)	Chlorobenzene	5.594	112	147992	101.91	ug/L		95
79)	1,1,1,2-Tetrachloroethane	5.637	131	59214	110.39	ug/L		95
80)	m,p-Xylene	5.716	91	412639	215.95	ug/L		99
81)	o-Xylene	6.027	91	203882	106.13	ug/L		100
82)	Styrene	6.064	104	159715	111.62	ug/L		93
83)	Bromoform	6.082	173	53238	119.69	ug/L		97
84)	Isopropylbenzene	6.259	105	240047	107.50	ug/L		98
87)	cis-1,4-Dichloro-2-butene	6.515	53	54569	106.67	ug/L	#	82
88)	n-Propylbenzene	6.570	91	289250	99.85	ug/L		100
89)	Bromobenzene	6.539	156	64410	105.66	ug/L		92
90)	1,1,2,2-Tetrachloroethane	6.619	83	90923	86.03	ug/L		97
91)	1,3,5-Trimethylbenzene	6.722	105	205442	104.17	ug/L		99
92)	2-Chlorotoluene	6.686	91	160377	97.49	ug/L		96
93)	trans-1,4-Dichloro-2-B...	6.753	53	44332	96.96	ug/L		83
94)	1,2,3-Trichloropropane	6.722	110	31974	101.06	ug/L		95
95)	Cyclohexanone	6.753	55	51766	462.17	ug/L		91
96)	4-Chlorotoluene	6.814	91	183275	100.98	ug/L		94
97)	tert-Butylbenzene	6.966	91	118020	106.76	ug/L		96
98)	1,2,4-Trimethylbenzene	7.021	105	214209	106.43	ug/L		99
99)	Pentachloroethane	6.978	167	38850	116.93	ug/L	#	4
100)	sec-Butylbenzene	7.106	105	233066	100.44	ug/L		99
101)	4-Isopropyltoluene	7.222	119	200951	105.14	ug/L		99
102)	1,3-Dichlorobenzene	7.265	146	118009	101.36	ug/L		97
103)	1,2,3-Trimethylbenzene	7.356	105	209187	99.77	ug/L		98
104)	1,4-Dichlorobenzene	7.338	146	121519	101.02	ug/L		99
105)	n-Butylbenzene	7.539	92	108538	99.99	ug/L		87
106)	Benzyl Chloride	7.527	126	38334	107.22	ug/L	#	85
107)	1,2-Dichlorobenzene	7.649	146	114065	100.67	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:46:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	33378	114.11	ug/L	95
109) Hexachlorobutadiene	8.673	225	25041	103.50	ug/L	79
110) 1,2,4-Trichlorobenzene	8.685	180	66895	100.94	ug/L	95
111) Naphthalene	8.899	128	257442	104.60	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	62263	102.19	ug/L	96

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

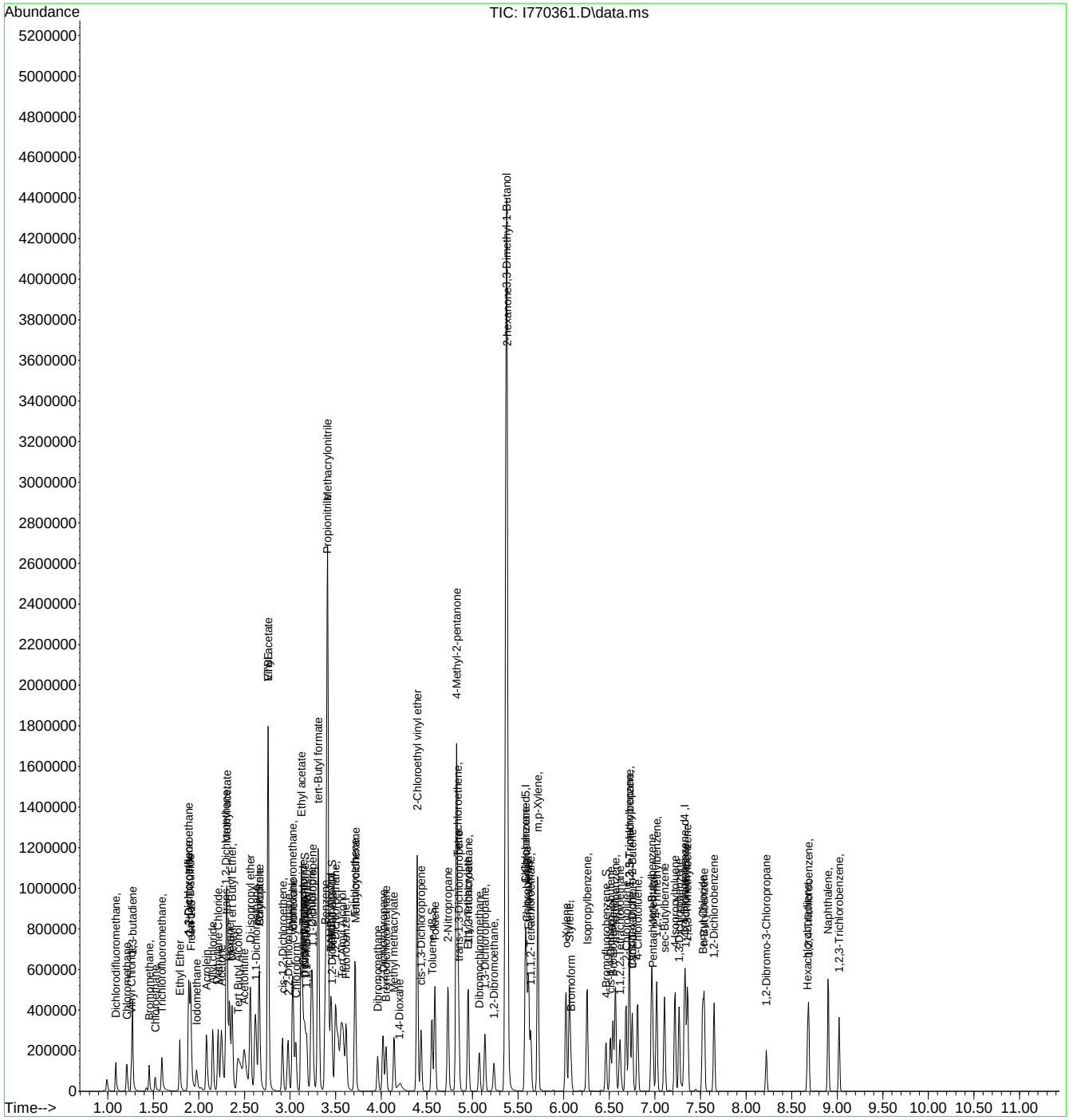
7.6.8

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:46:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration



Manual Integration Approval Summary

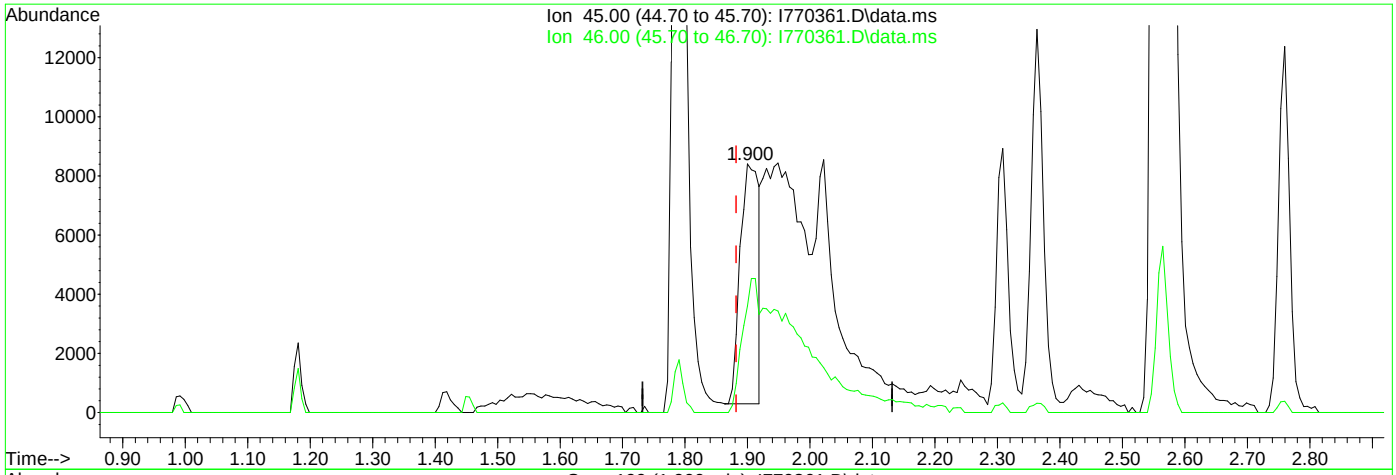
Sample Number: VI3517-IC3517
Lab FileID: I770361.D
Injection Time: 03/30/25 14:04
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

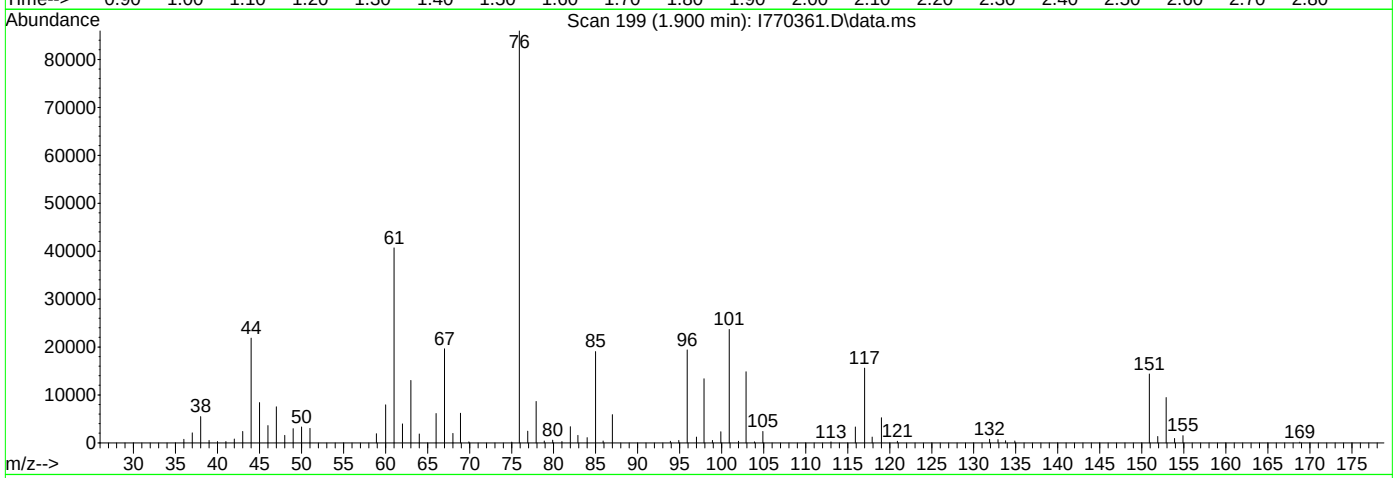
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.50	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(10) Ethanol

1.900min (+0.018) 650.92ug/L

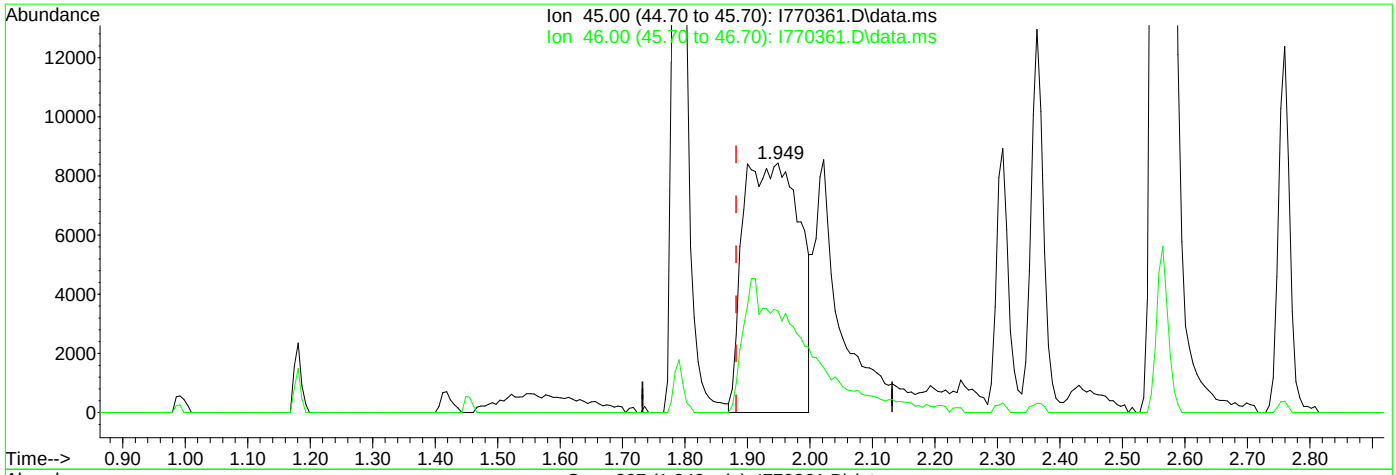
response 16816

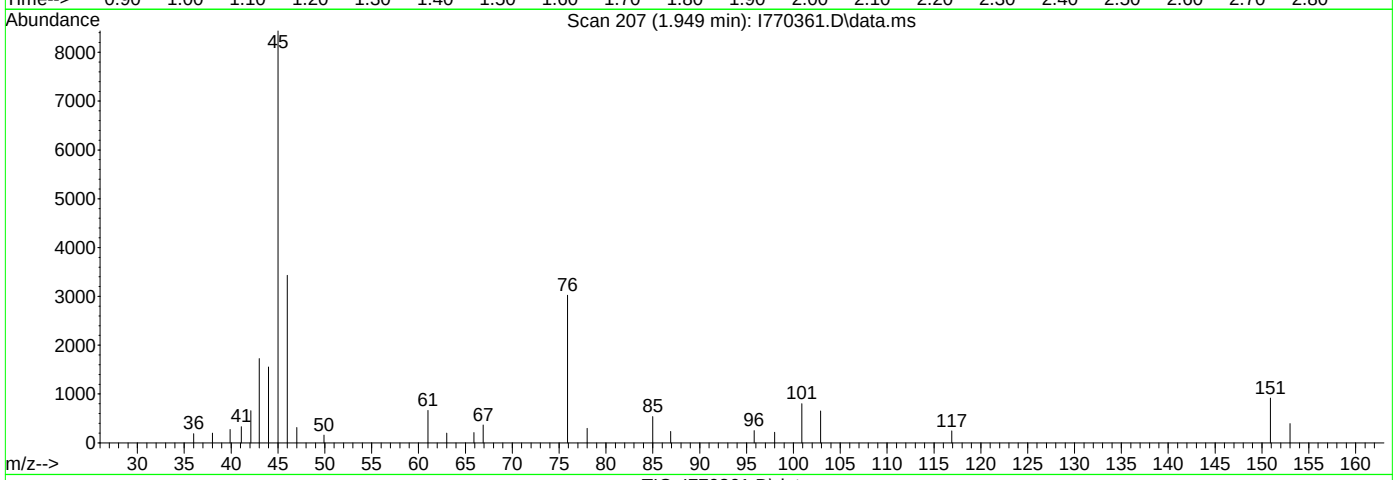
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	44.47
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(10) Ethanol

1.949min (+0.067) -50.00ug/L m

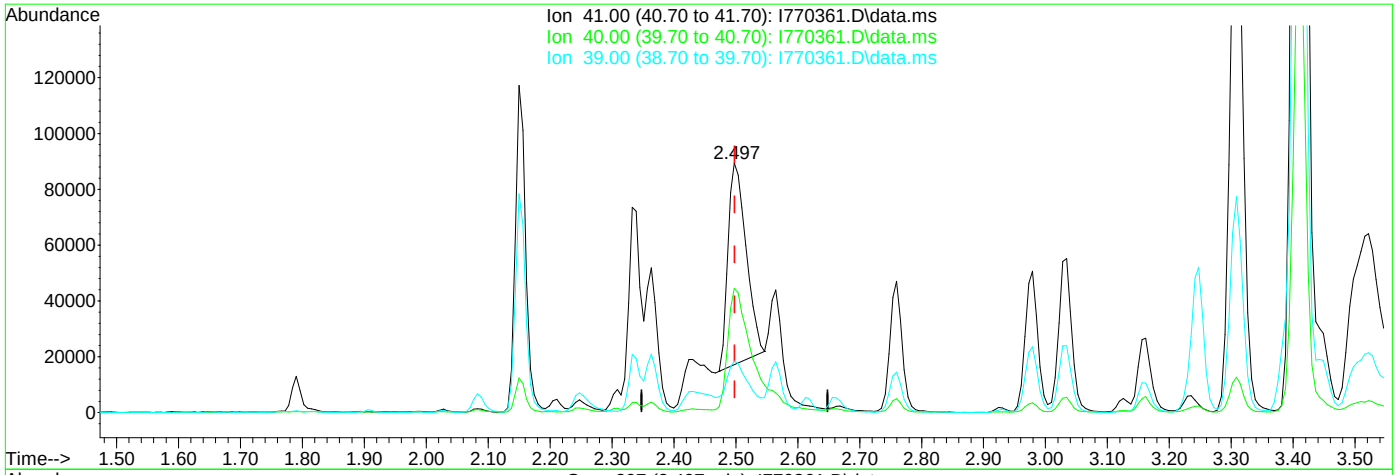
response 52958

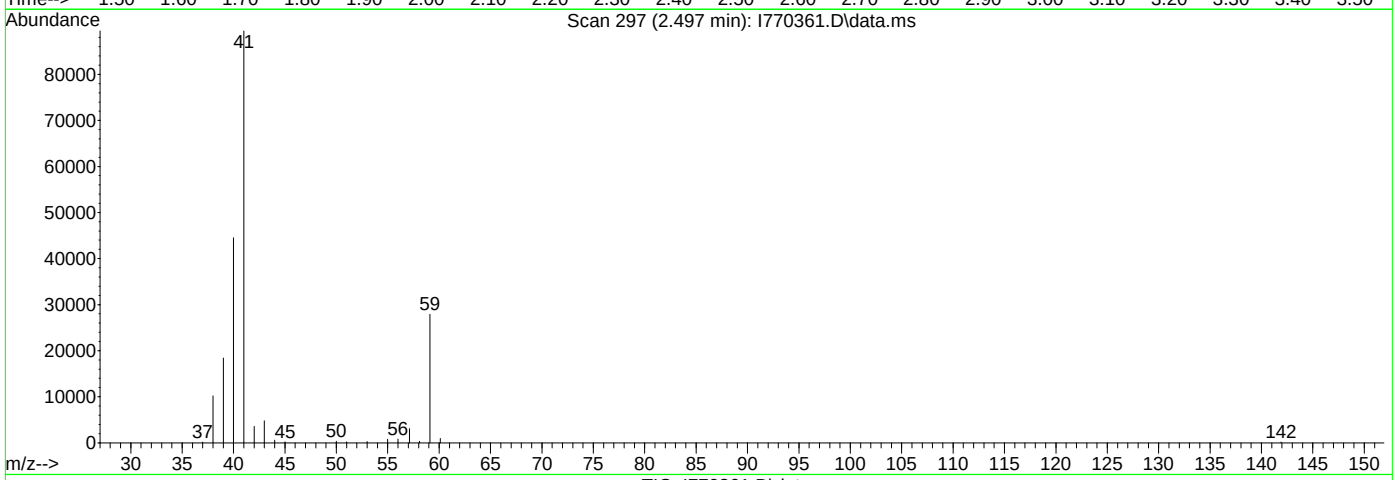
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	40.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(24) Acetonitrile

2.497min (-0.001) 643.41ug/L

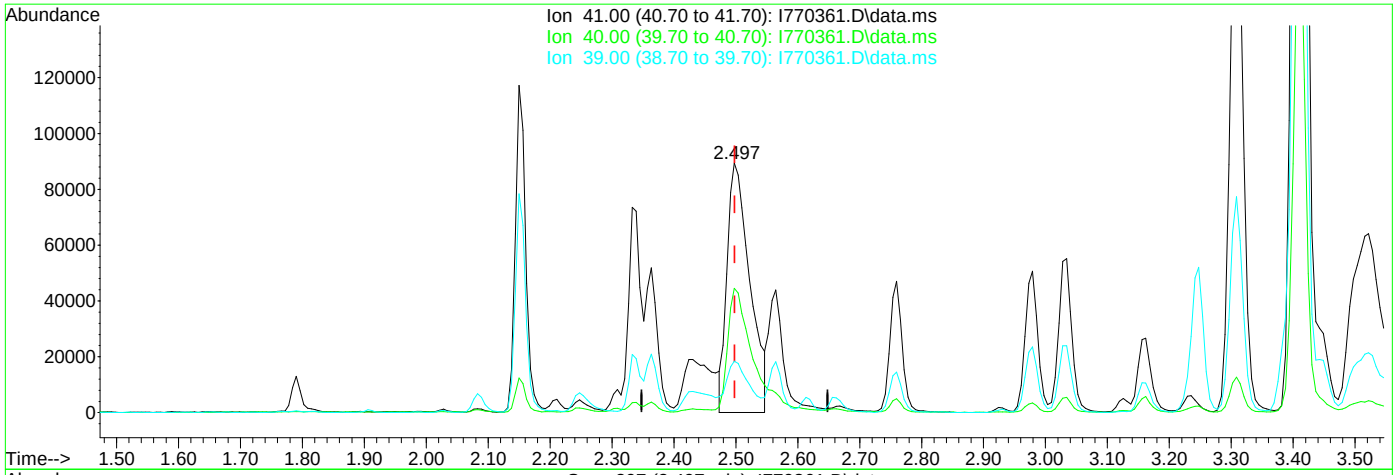
response 147432

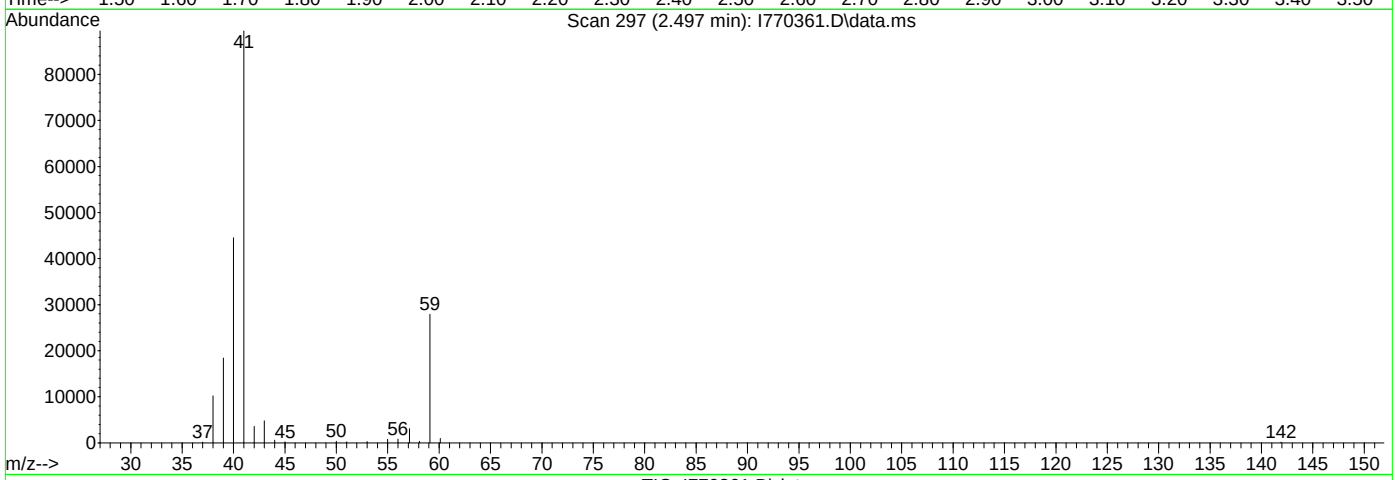
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	56.79
39.00	20.00	17.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(24) Acetonitrile

2.497min (-0.001) 994.42ug/L m

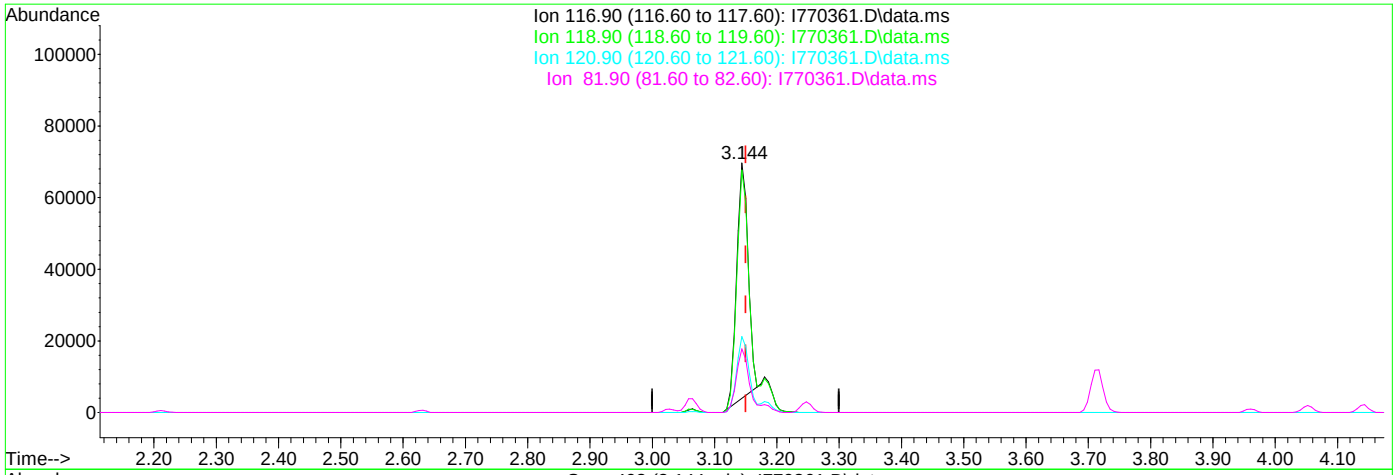
response 227864

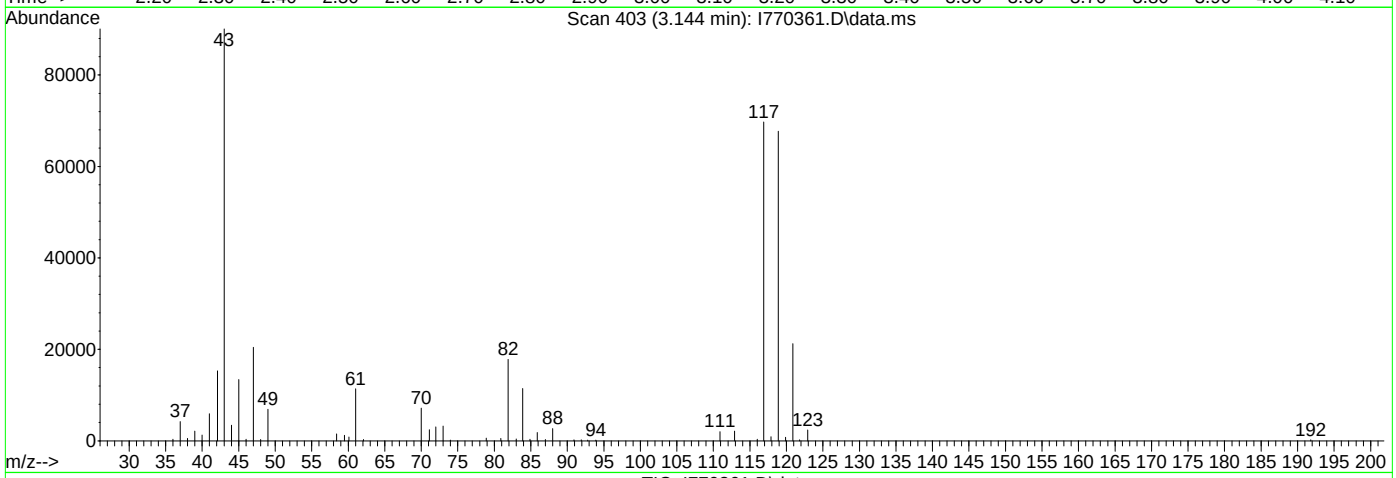
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	49.74
39.00	20.00	20.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 116.23ug/L

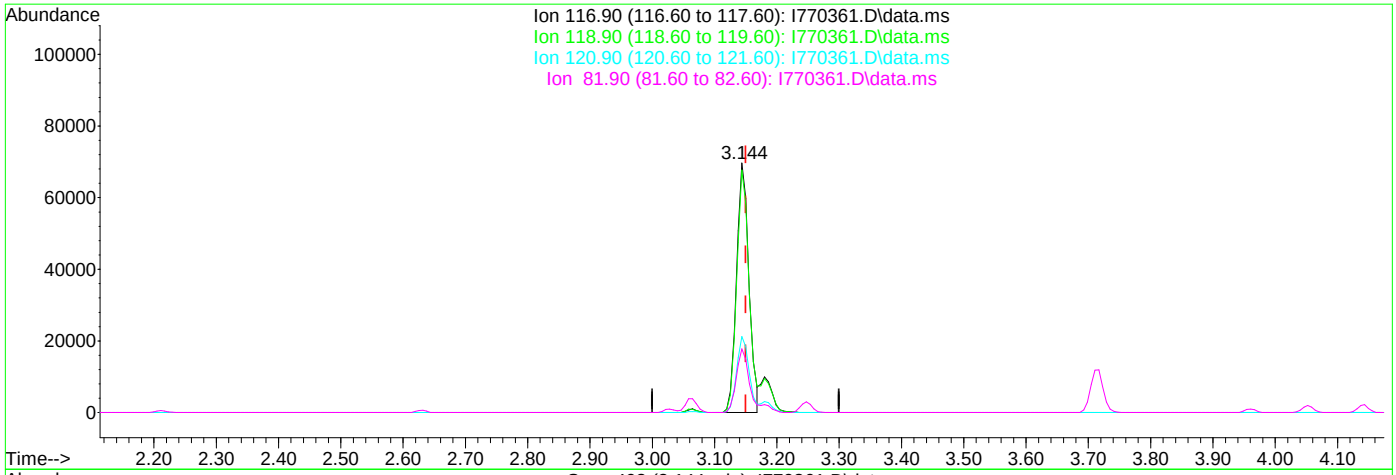
response 84874

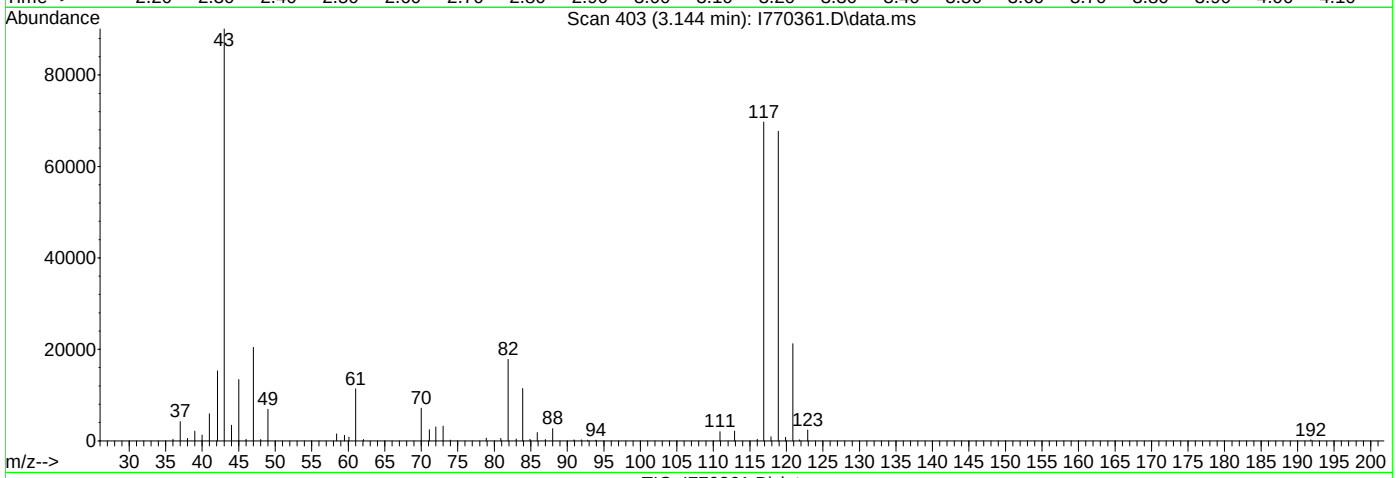
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.12
120.90	29.40	30.44
81.90	25.70	25.54

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.006) 132.06ug/L m

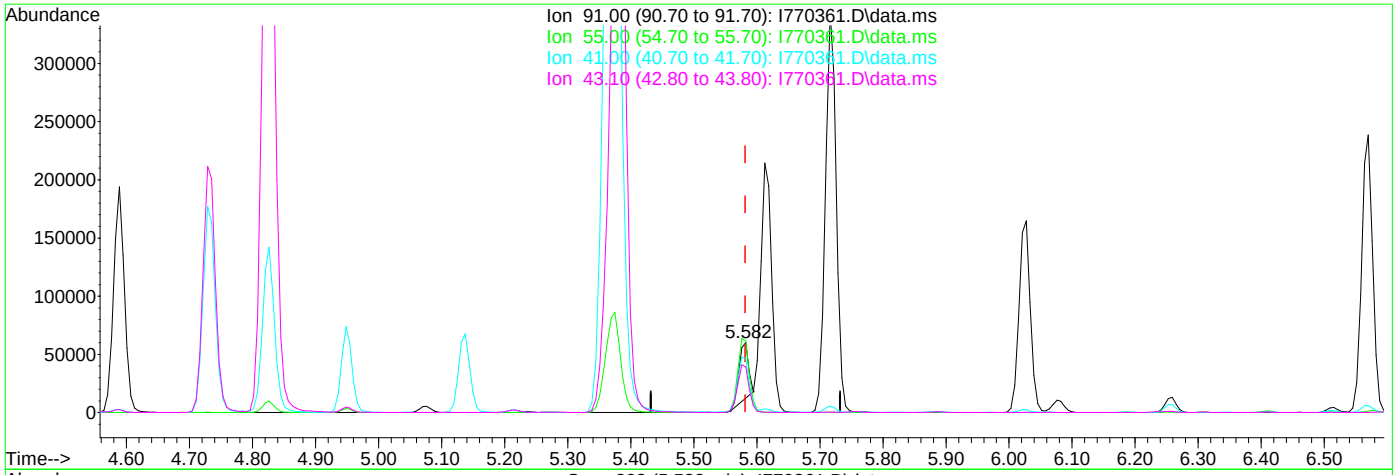
response 96433

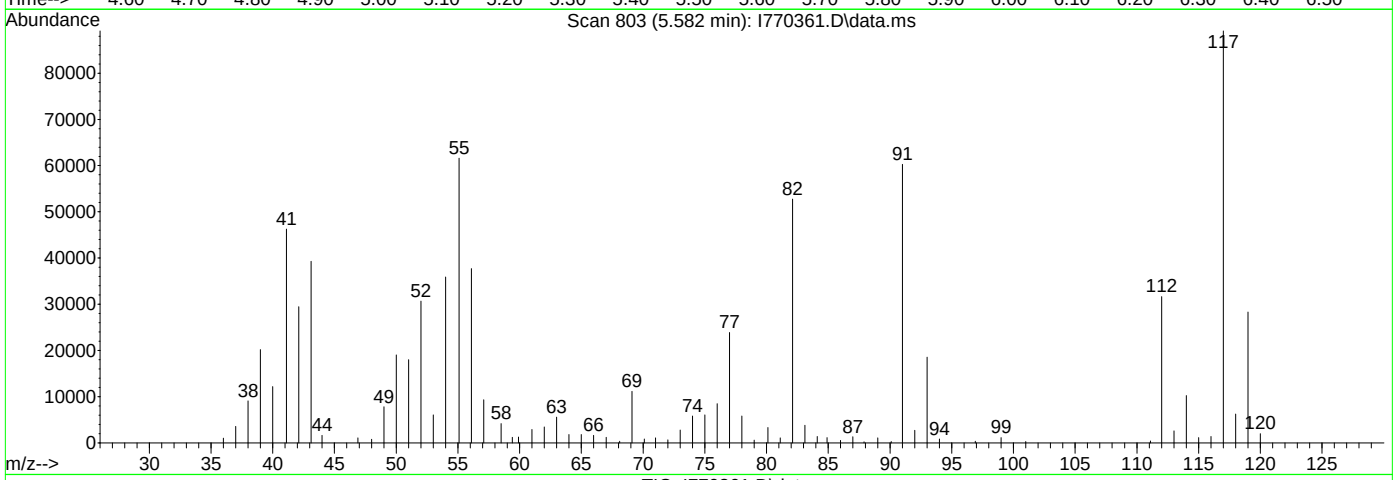
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.12
120.90	29.40	30.44
81.90	25.70	25.54

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 70.52ug/L

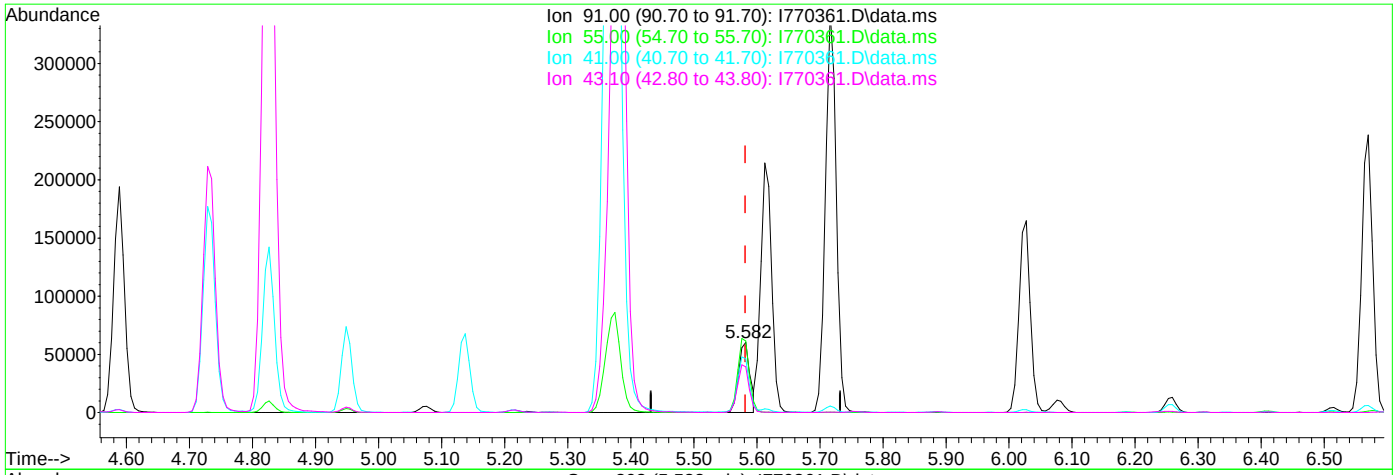
response 54472

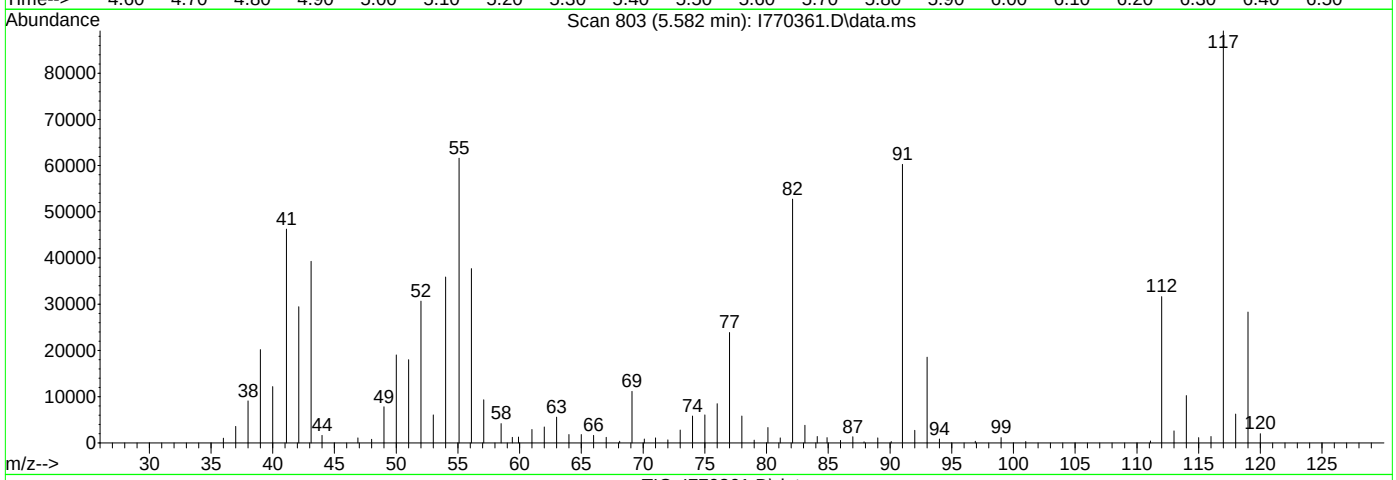
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	100.66
41.00	64.20	74.80
43.10	52.80	64.03

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.000) 98.01ug/L m

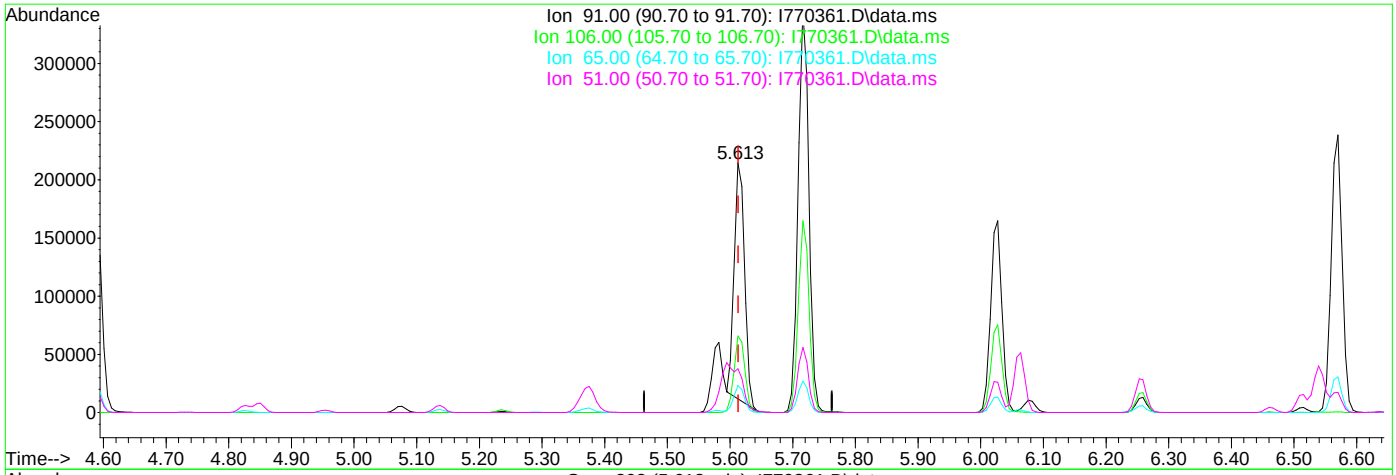
response 75707

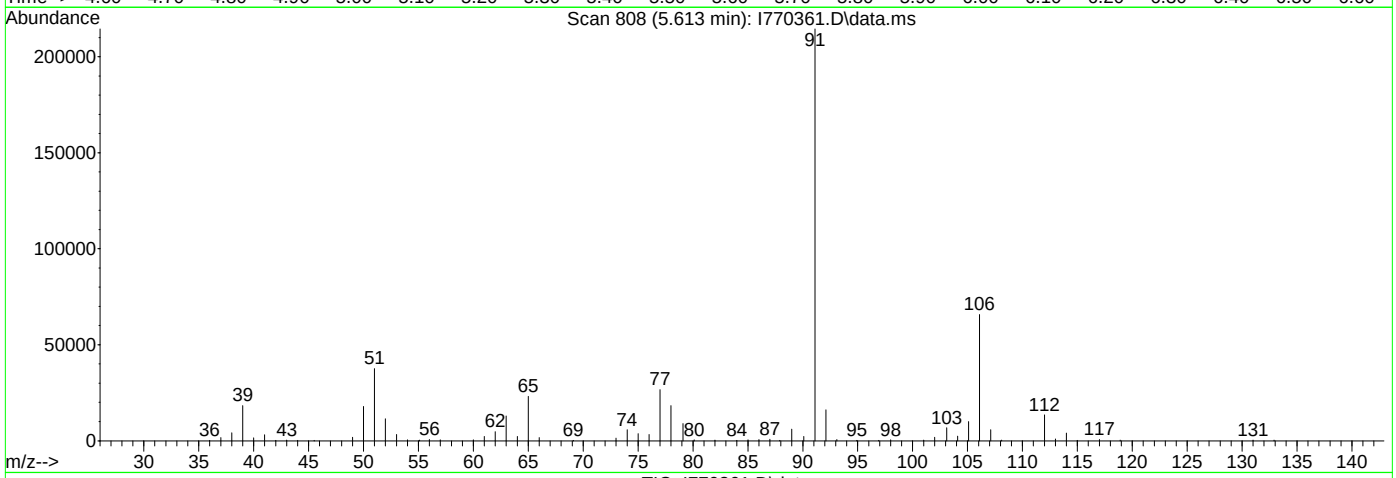
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	102.19#
41.00	64.20	76.81
43.10	52.80	65.15

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 93.91ug/L

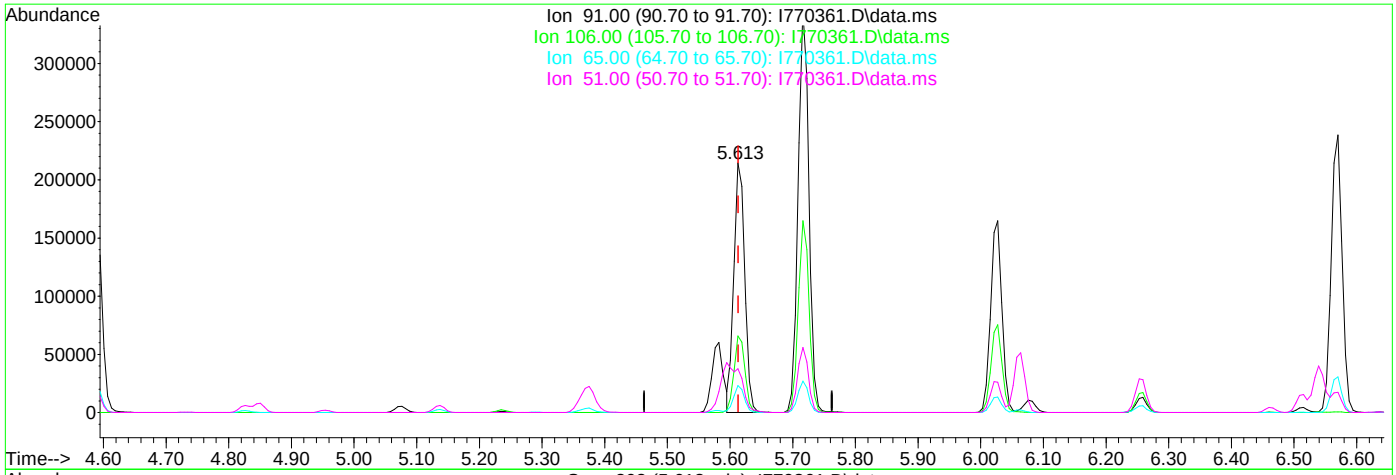
response 231767

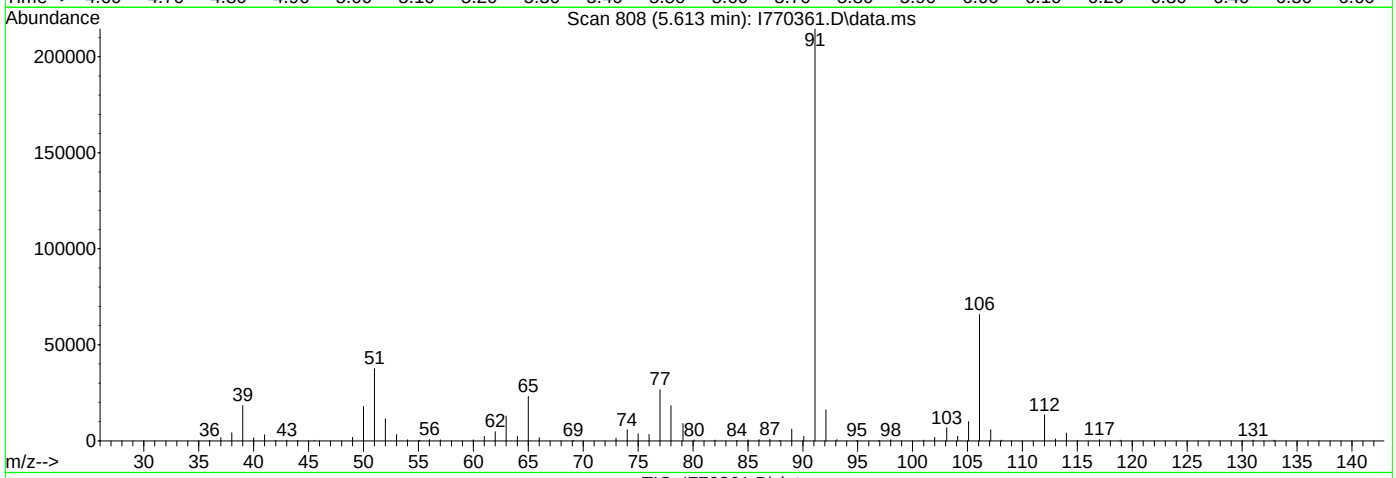
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.70
65.00	9.50	10.66
51.00	11.40	16.89

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770361.D
Acq On : 30 Mar 2025 2:04 pm
Operator : jeniferw
Sample : IC3517-7 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 31 05:45:13 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Feb 24 06:53:47 2025
Response via : Initial Calibration





TIC: I770361.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 105.61ug/L m

response 260663

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.68
65.00	9.50	10.79
51.00	11.40	17.52

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
03/31/25 09:26

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:04:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.619	96	155584	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	108304	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	61238	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	47376	50.59	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.18%				
49) 1,2-Dichloroethane-d4	3.461	65	66355	50.99	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 101.98%				
63) Toluene-d8	4.558	98	157094	51.35	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 102.70%				
86) 4-Bromofluorobenzene	6.466	174	45658	50.30	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	30243	44.00	ug/L		97
3) Chloromethane	1.211	50	40072	44.76	ug/L		97
4) 1,3-butadiene	1.272	39	33102	38.72	ug/L		97
5) Vinyl Chloride	1.260	62	33589	45.57	ug/L		98
6) Bromomethane	1.455	94	15990	44.23	ug/L		99
7) Chloroethane	1.522	64	14265	41.57	ug/L		96
8) Trichlorofluoromethane	1.601	101	40404	39.34	ug/L		98
9) Ethyl Ether	1.790	59	32695	39.01	ug/L		86
10) Ethanol	1.876	45	27016	799.41	ug/L		85
11) 1,2-Dichlorotrifluoroe...	1.888	67	30511	39.23	ug/L		99
12) 1,1-Dichloroethene	1.894	61	49412	37.56	ug/L		91
13) Freon 113	1.918	101	25288	42.18	ug/L		94
14) Carbon Disulfide	1.918	76	75710	38.48	ug/L		91
15) Iodomethane	1.979	142	26305	41.20	ug/L		93
16) Acrolein	2.083	56	49908	153.15	ug/L		100
17) Allyl chloride	2.156	41	54474	37.09	ug/L		91
18) Methylene Chloride	2.211	49	59599	40.16	ug/L		79
19) Acetone	2.241	43	146177	220.56	ug/L		98
20) Methyl acetate	2.302	43	350846	196.87	ug/L		92
21) trans-1,2-Dichloroethene	2.302	61	48626	39.95	ug/L		93
22) Hexane	2.339	56	30159	38.73	ug/L	#	74
23) Methyl Tert Butyl Ether	2.363	73	84800	40.37	ug/L		67
24) Acetonitrile	2.491	41	109982m	439.34	ug/L		
25) Tert Butyl Alcohol	2.412	59	163687	378.89	ug/L		78
26) Di-isopropyl ether	2.564	45	122956	39.43	ug/L		92
27) Chloroprene	2.656	53	148820	40.74	ug/L		82
28) 1,1-Dichloroethane	2.632	63	53174	40.24	ug/L		99
29) Acrylonitrile	2.656	52	119246	201.71	ug/L	#	67
30) ETBE	2.760	59	106232	40.12	ug/L		94
31) Vinyl acetate	2.760	43	535782	196.83	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	23973	40.94	ug/L		85
33) 2,2-Dichloropropane	2.979	77	39847	40.85	ug/L		95
34) Bromochloromethane	3.028	128	11473	39.03	ug/L	#	59
35) Cyclohexane	3.034	56	55168	40.84	ug/L	#	88
36) Chloroform	3.064	83	46449	39.29	ug/L		95
37) Ethyl acetate	3.125	43	381277	193.53	ug/L		95
38) Tetrahydrofuran	3.156	42	28791	36.21	ug/L		92
40) Carbon Tetrachloride	3.150	117	38015m	40.90	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	39995	40.20	ug/L		94
42) 2-Butanone	3.229	43	221293	187.35	ug/L		86
43) 1,1-Dichloropropene	3.247	75	31889	44.28	ug/L		92
44) tert-Butyl formate	3.308	59	201313	234.56	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:04:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.400	54	127436	409.07	ug/L	#	10
46) Methacrylonitrile	3.406	41	393520	406.27	ug/L		95
47) Benzene	3.388	78	86332	38.28	ug/L		70
48) TAME	3.448	73	68745	38.84	ug/L	#	78
50) 1,2-Dichloroethane	3.497	62	46403	39.93	ug/L		93
51) Isobutyl Alcohol	3.448	43	28464	717.92	ug/L		69
52) Tert Amyl Alcohol	3.552	59	127616	389.49	ug/L		87
53) Trichloroethene	3.711	95	24895	39.40	ug/L		97
54) Methylcyclohexane	3.717	83	32731	41.46	ug/L	#	76
55) Dibromomethane	3.961	93	18265	40.45	ug/L		98
56) 1,2-Dichloropropane	4.022	63	28510	40.38	ug/L		92
57) Bromodichloromethane	4.052	83	35008	39.05	ug/L	#	95
58) Methyl methacrylate	4.137	41	43445	40.18	ug/L		85
59) 1,4-Dioxane	4.180	88	12909	778.56	ug/L	#	67
60) 2-Chloroethyl vinyl ether	4.393	63	128293	214.91	ug/L		84
61) cis-1,3-Dichloropropene	4.436	75	39033	39.43	ug/L		89
64) Toluene	4.588	91	90425	39.56	ug/L		98
65) 2-Nitropropane	4.729	41	102272	212.56	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	361734	205.85	ug/L		96
67) trans-1,3-Dichloropropene	4.851	75	38741	39.33	ug/L		95
68) Tetrachloroethene	4.838	166	24145	42.35	ug/L		94
69) Ethyl methacrylate	4.948	69	35002	43.56	ug/L	#	78
70) 1,1,2-Trichloroethane	4.954	83	19546	40.82	ug/L		82
71) Dibromochloromethane	5.076	129	28073	40.58	ug/L		97
72) 1,3-Dichloropropane	5.137	76	38235	39.70	ug/L		84
73) 1,2-Dibromoethane	5.235	107	25861	40.01	ug/L		93
74) 3,3-Dimethyl-1-Butanol	5.363	57	721957	2155.87	ug/L		85
75) 2-hexanone	5.381	43	424426	208.20	ug/L		79
76) 1-Chlorohexane	5.582	91	29541m	38.73	ug/L		
77) Ethylbenzene	5.613	91	100145m	39.12	ug/L		
78) Chlorobenzene	5.594	112	59657	39.50	ug/L		93
79) 1,1,1,2-Tetrachloroethane	5.637	131	23707	38.87	ug/L		93
80) m,p-Xylene	5.716	91	160338	80.61	ug/L		99
81) o-Xylene	6.027	91	78200	40.95	ug/L		100
82) Styrene	6.064	104	58176	40.62	ug/L		94
83) Bromoform	6.082	173	20131	39.01	ug/L		97
84) Isopropylbenzene	6.259	105	95625	42.54	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.515	53	21799	40.02	ug/L	#	78
88) n-Propylbenzene	6.570	91	114421	40.23	ug/L		99
89) Bromobenzene	6.539	156	25535	38.76	ug/L		91
90) 1,1,2,2-Tetrachloroethane	6.619	83	35057	35.86	ug/L		96
91) 1,3,5-Trimethylbenzene	6.722	105	80129	41.60	ug/L		100
92) 2-Chlorotoluene	6.686	91	63212	39.79	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	19422	39.11	ug/L	#	80
94) 1,2,3-Trichloropropane	6.716	110	12465	39.17	ug/L		92
95) Cyclohexanone	6.747	55	39078	373.06	ug/L		90
96) 4-Chlorotoluene	6.814	91	73159	40.48	ug/L		93
97) tert-Butylbenzene	6.966	91	46330	42.51	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	81855	41.28	ug/L		98
99) Pentachloroethane	6.978	167	15495	41.20	ug/L	#	4
100) sec-Butylbenzene	7.106	105	87857	39.94	ug/L		99
101) 4-Isopropyltoluene	7.222	119	74051	40.45	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	46887	39.63	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	82480	41.45	ug/L		99
104) 1,4-Dichlorobenzene	7.338	146	48704	38.79	ug/L		98
105) n-Butylbenzene	7.539	92	44367	43.59	ug/L		89
106) Benzyl Chloride	7.527	126	15047	41.43	ug/L		94
107) 1,2-Dichlorobenzene	7.649	146	45102	39.98	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:04:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

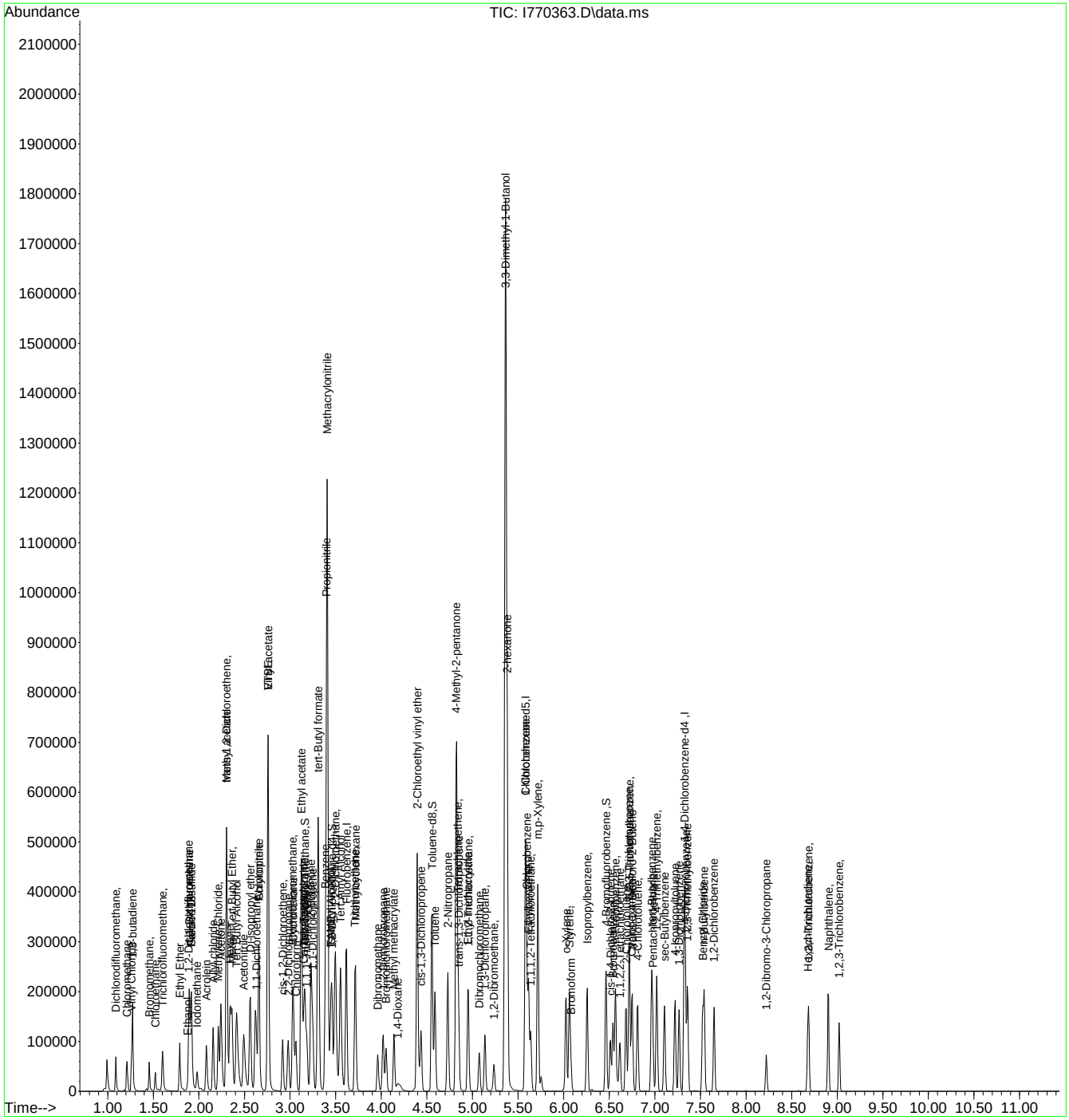
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	11868	37.65	ug/L	85
109) Hexachlorobutadiene	8.679	225	10041	39.71	ug/L	90
110) 1,2,4-Trichlorobenzene	8.685	180	25346	40.90	ug/L	95
111) Naphthalene	8.905	128	96337	42.62	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	24198	42.15	ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:04:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

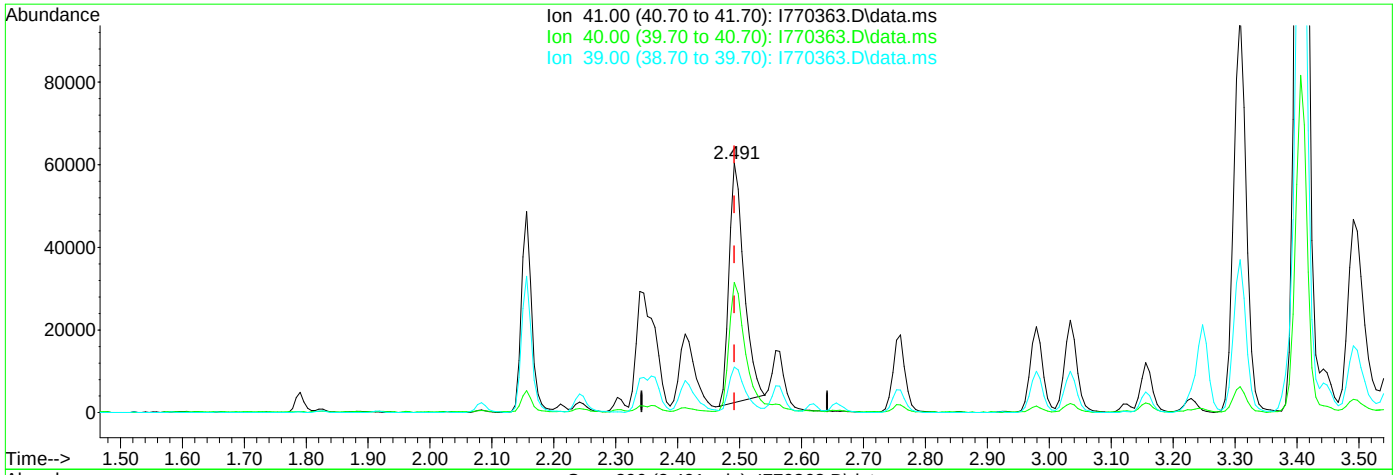
Sample Number: VI3517-ICV3517
Lab FileID: I770363.D
Injection Time: 03/30/25 14:36
Method: SW846 8260D
Analyst approved: 03/31/25 06:18 Jenifer Willis
Supervisor approved: 03/31/25 09:26 Karen Watson

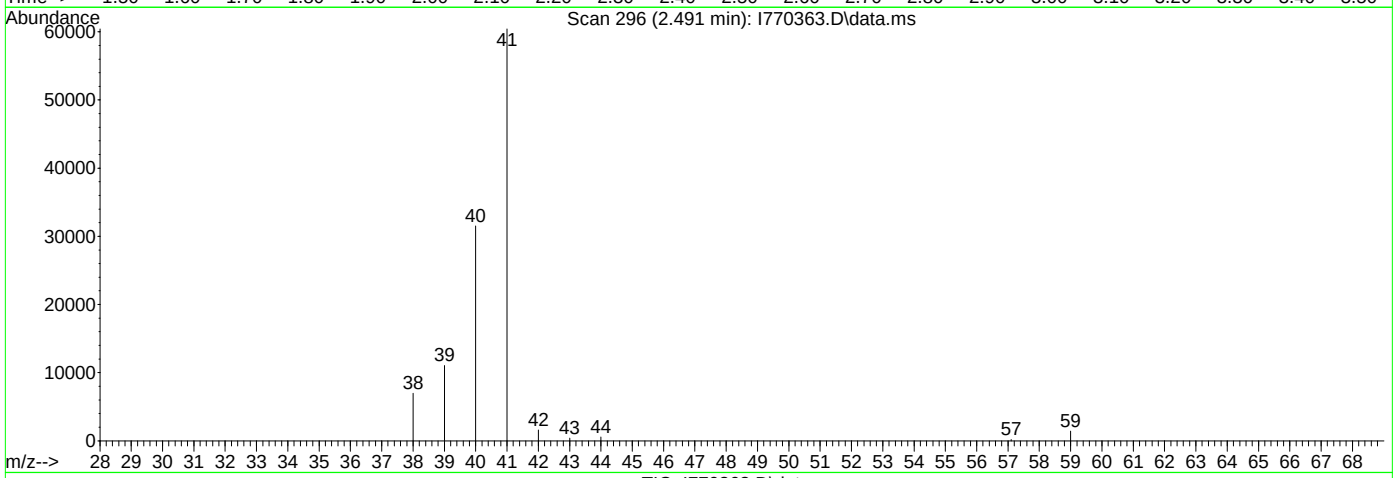
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.15	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 383.68ug/L

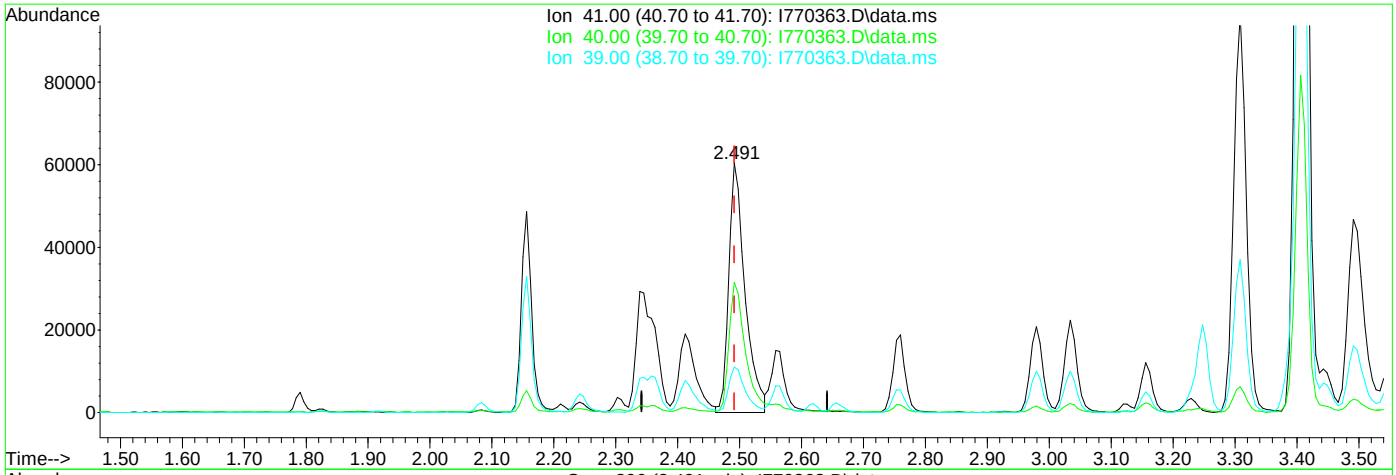
response 96882

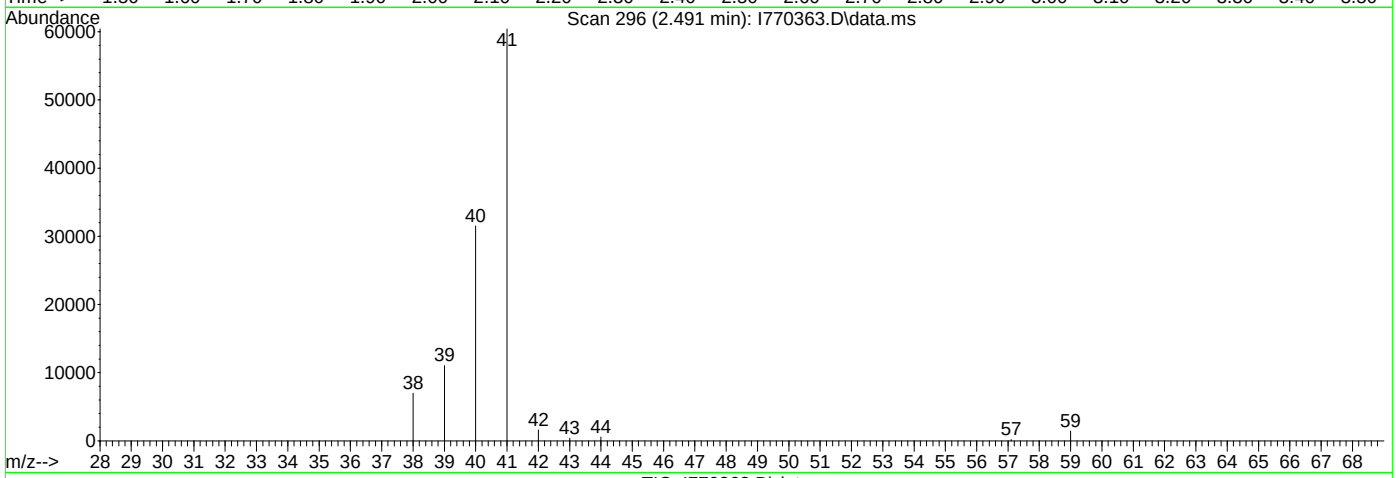
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.61
39.00	20.00	17.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 439.34ug/L m

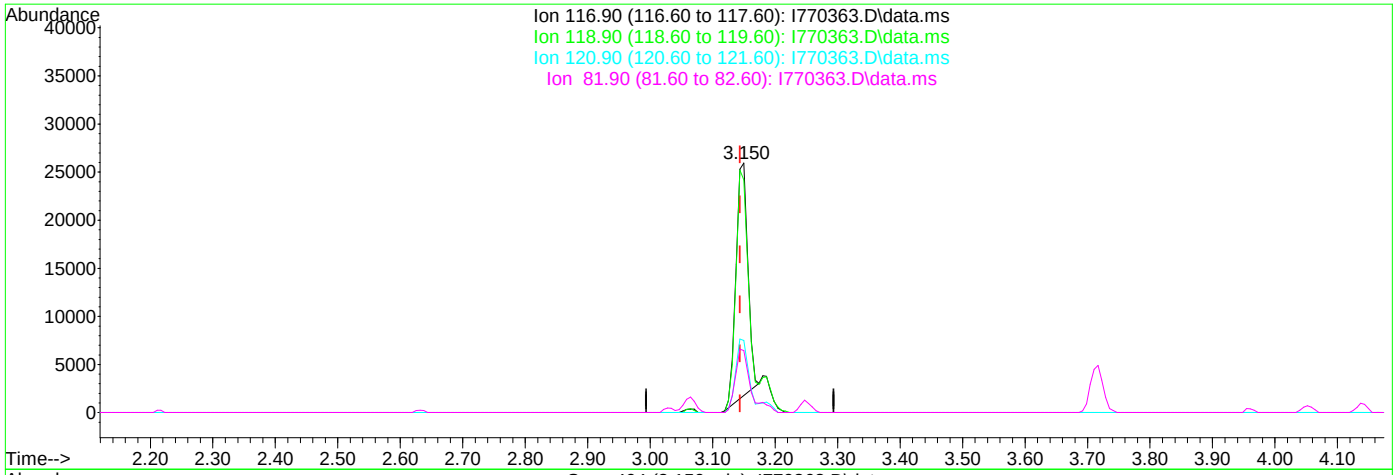
response 109982

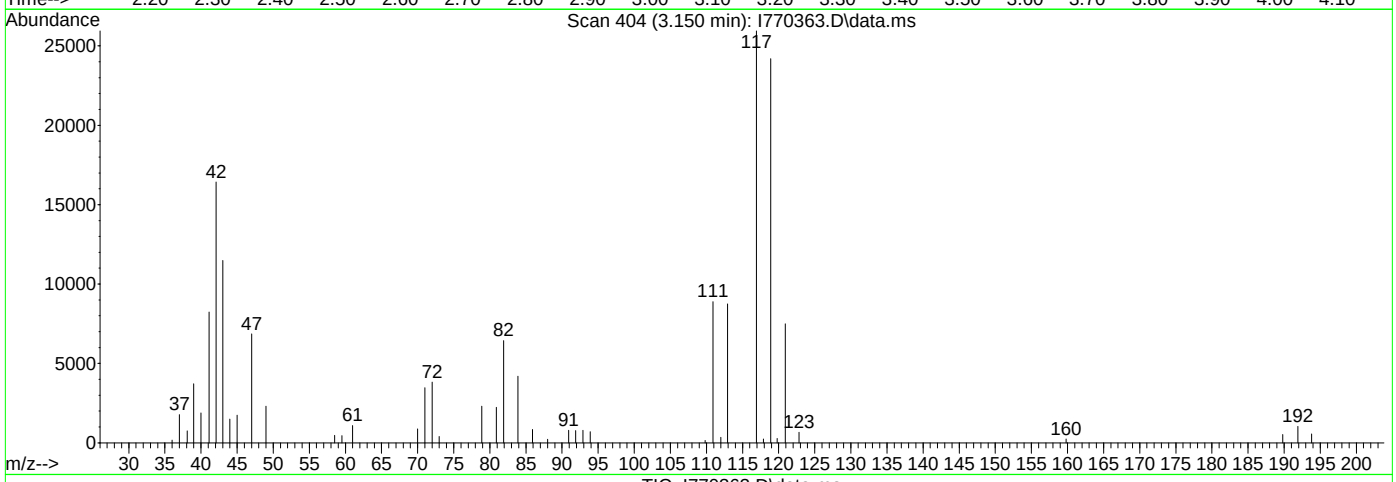
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.16
39.00	20.00	18.26
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (+0.006) 35.22ug/L

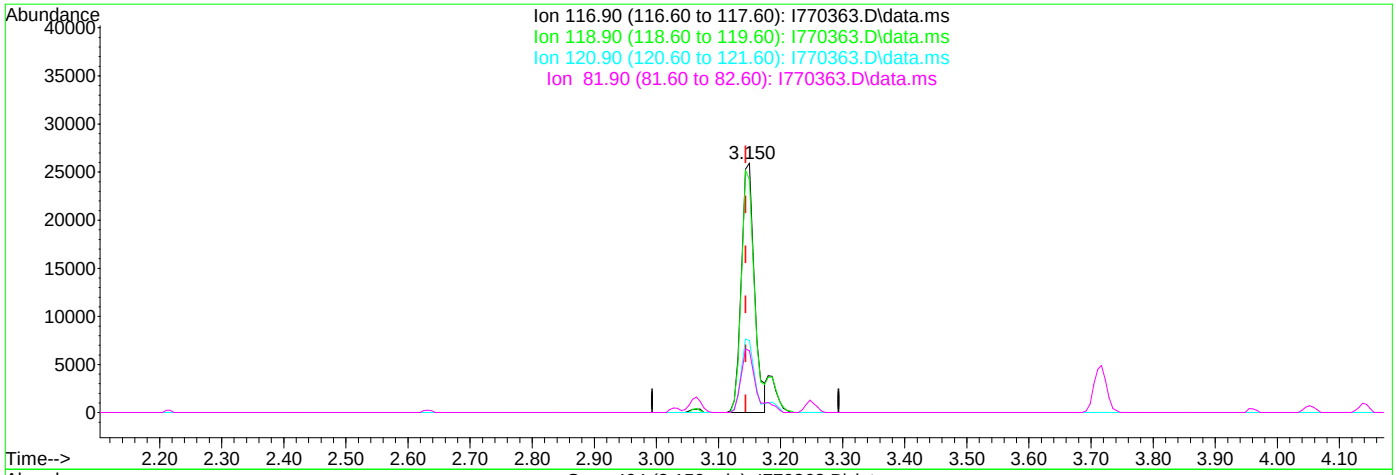
response 32739

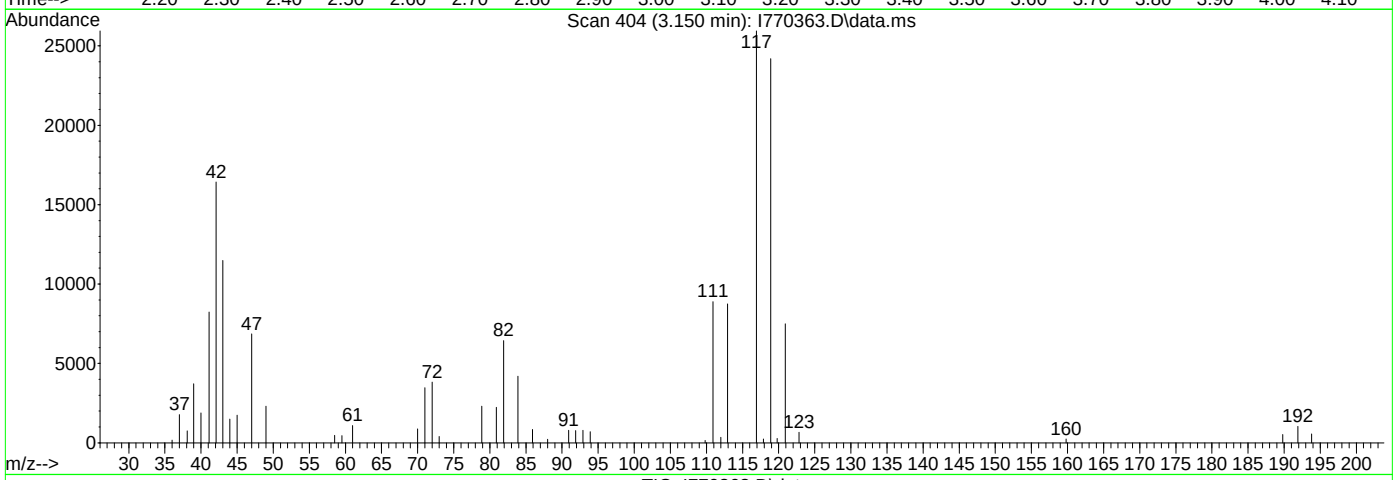
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	93.85
120.90	29.40	29.05
81.90	25.70	24.98

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(40) Carbon Tetrachloride ( )

3.150min (+0.006) 40.90ug/L m

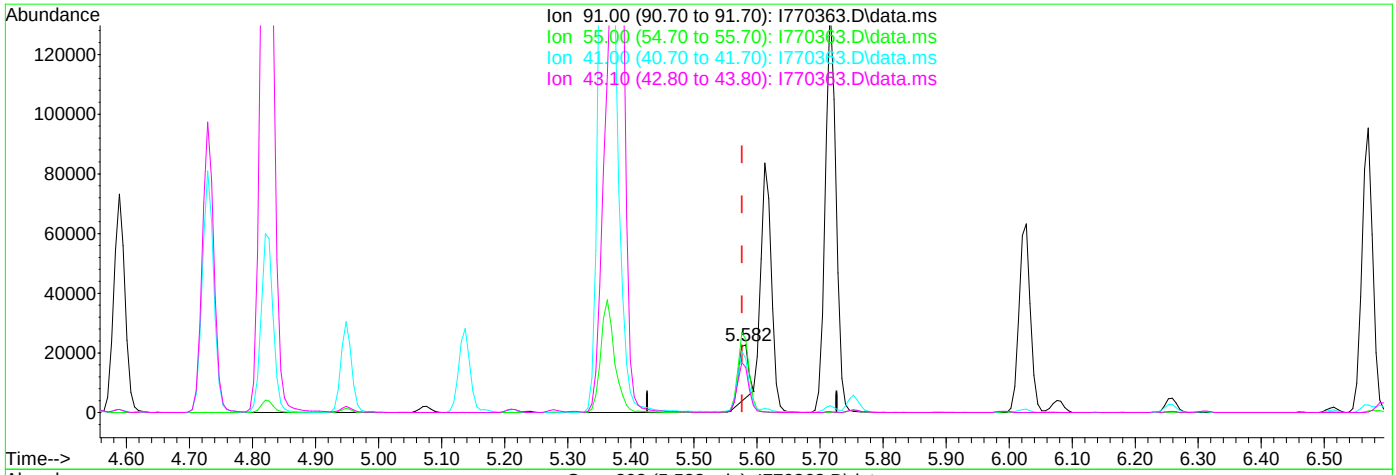
response 38015

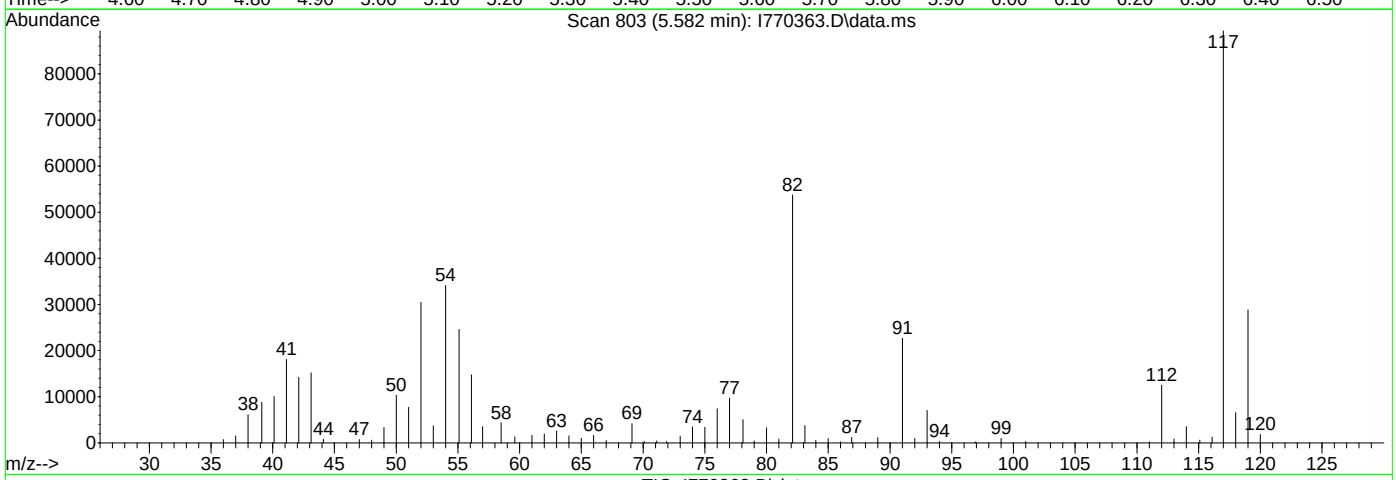
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	93.22
120.90	29.40	28.86
81.90	25.70	24.81

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.006) 27.63ug/L

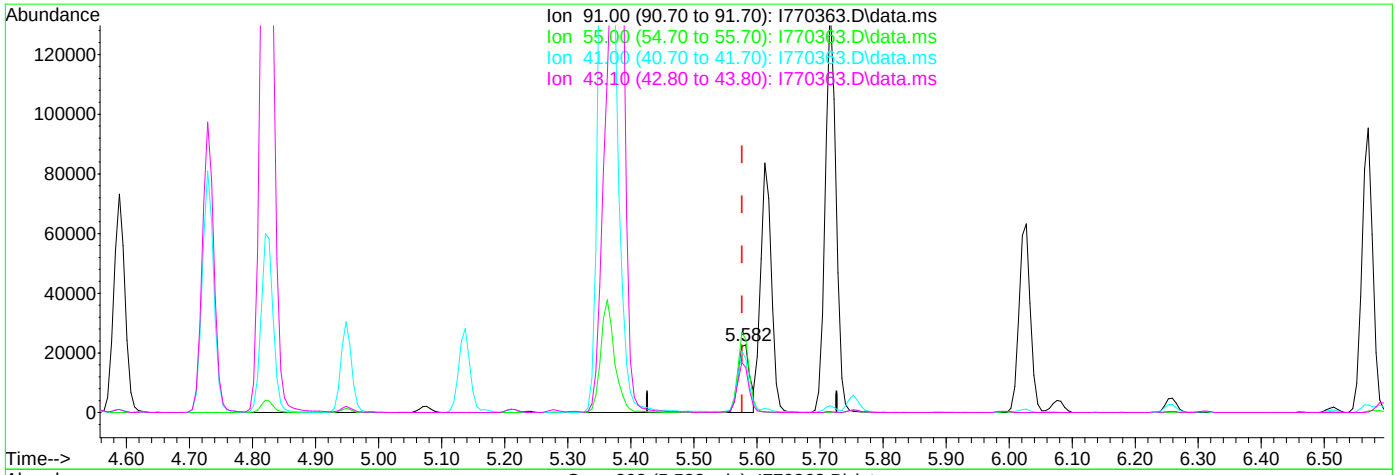
response 21073

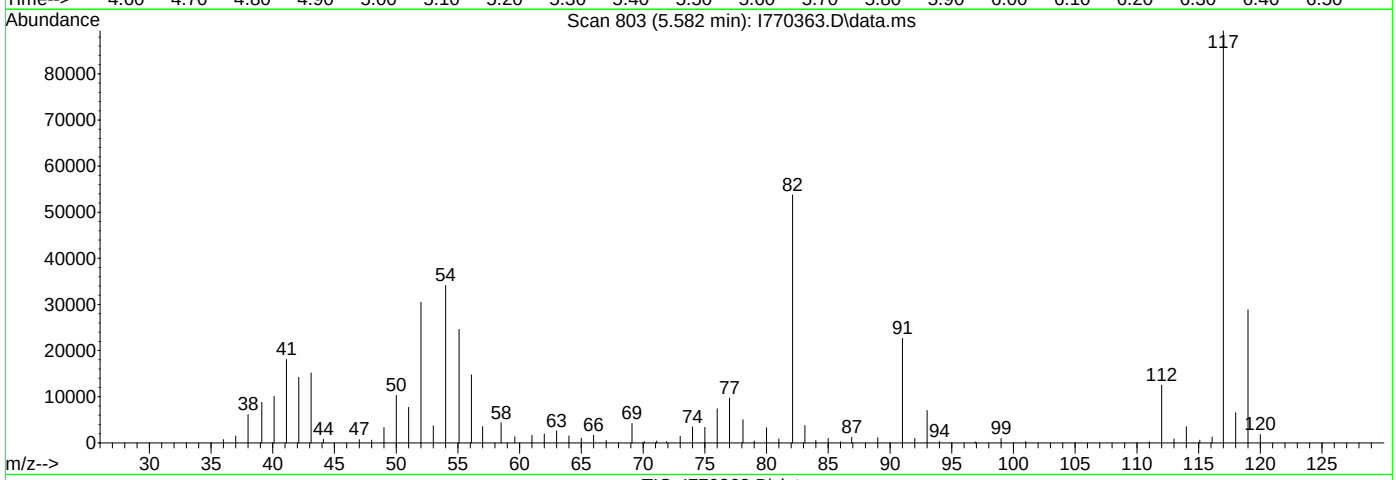
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	107.07#
41.00	64.20	77.95
43.10	52.80	65.68

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(76) 1-Chlorohexane

5.582min (+0.006) 38.73ug/L m

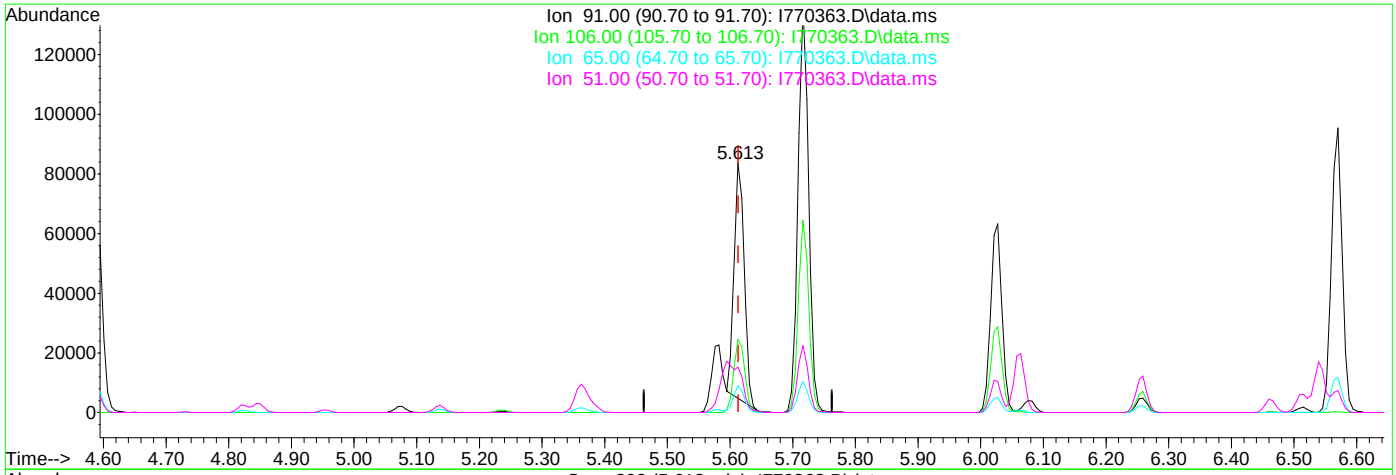
response 29541

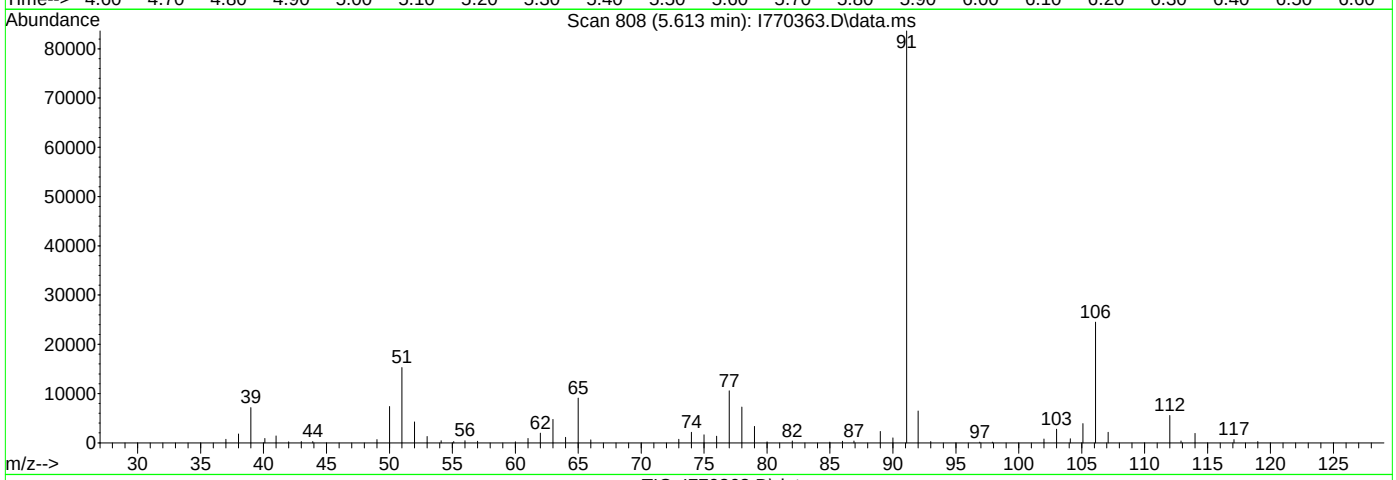
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	108.55#
41.00	64.20	79.94
43.10	52.80	66.98

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 34.52ug/L

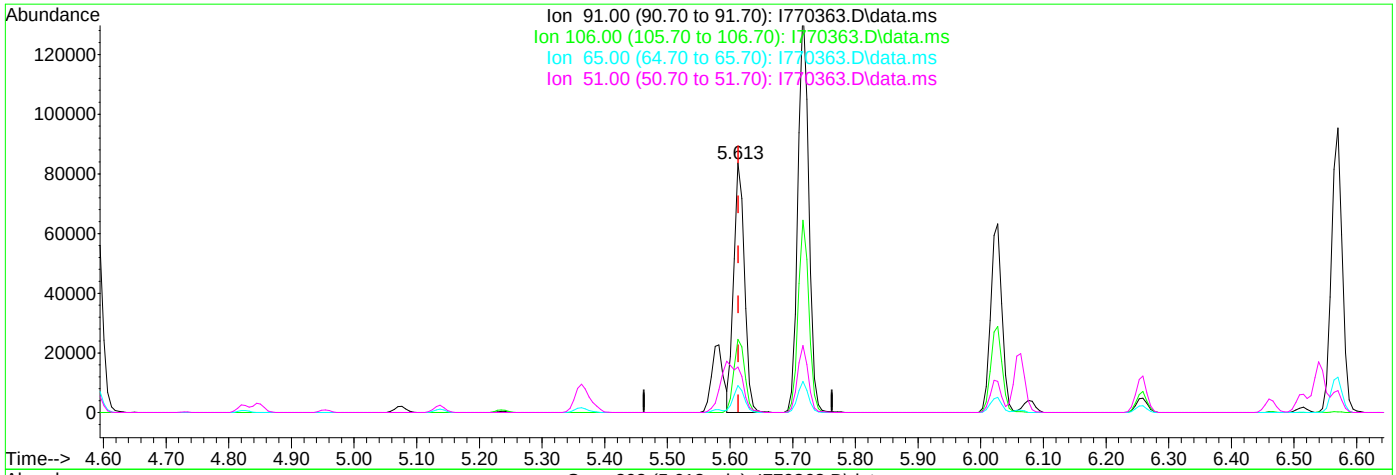
response 88375

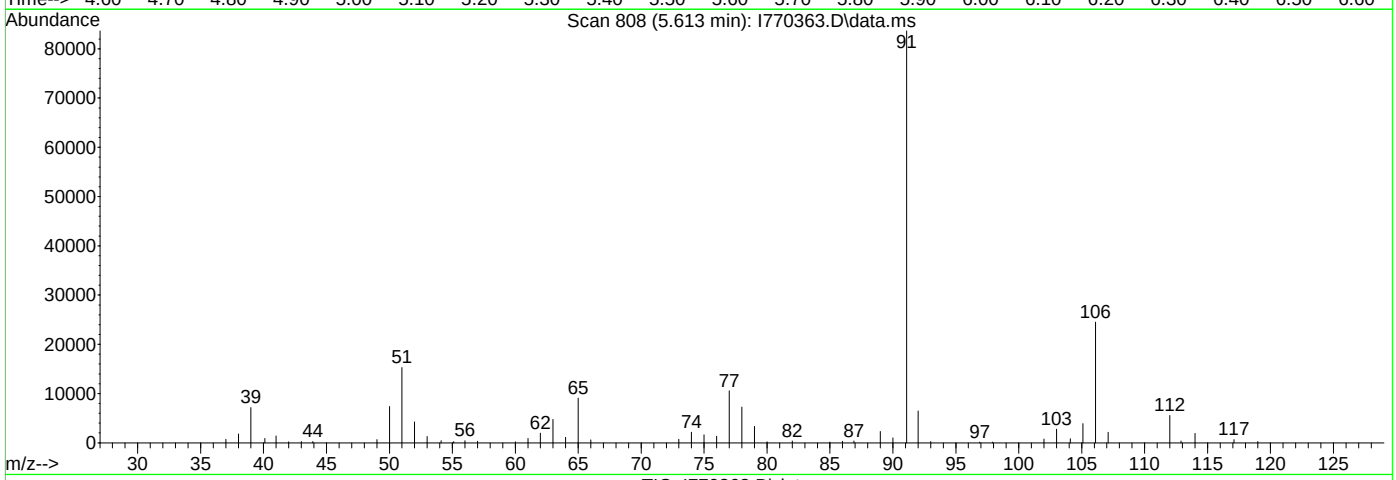
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.26
65.00	9.50	10.92
51.00	11.40	17.69

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\03-30-25\
Data File : I770363.D
Acq On : 30 Mar 2025 2:36 pm
Operator : jeniferw
Sample : ICV3517-5 Inst : VOA16-MSI
Misc : MS58738,VI3517,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 31 06:03:06 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770363.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 39.12ug/L m

response 100145

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.32
65.00	9.50	10.83
51.00	11.40	18.24

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/08/25 08:53

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	151107	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	107331	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	58691	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	46720	51.37	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.74%				
49) 1,2-Dichloroethane-d4	3.455	65	66871	52.91	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.82%				
63) Toluene-d8	4.552	98	145273	47.91	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.82%				
86) 4-Bromofluorobenzene	6.466	174	43605	50.12	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	31239	46.80	ug/L		96
3) Chloromethane	1.205	50	41369	47.58	ug/L		98
4) 1,3-butadiene	1.266	39	34125	41.10	ug/L		99
5) Vinyl Chloride	1.254	62	34381	48.03	ug/L		96
6) Bromomethane	1.449	94	14360	40.90	ug/L		99
7) Chloroethane	1.516	64	15890	47.95	ug/L		95
8) Trichlorofluoromethane	1.595	101	45556	45.67	ug/L		96
9) Ethyl Ether	1.784	59	32440	39.86	ug/L		82
10) Ethanol	1.906	45	32285m	1022.66	ug/L		
11) 1,2-Dichlorotrifluoroe...	1.888	67	30393	40.24	ug/L		99
12) 1,1-Dichloroethene	1.888	61	51570	40.36	ug/L		91
13) Freon 113	1.912	101	23694	40.69	ug/L		95
14) Carbon Disulfide	1.912	76	76734	40.16	ug/L		88
15) Iodomethane	1.973	142	26282	42.29	ug/L		89
16) Acrolein	2.077	56	64365	202.40	ug/L		98
17) Allyl chloride	2.150	41	57941	40.62	ug/L		92
18) Methylene Chloride	2.205	49	56364	39.11	ug/L		78
19) Acetone	2.235	43	129628	199.42	ug/L		97
20) Methyl acetate	2.302	43	333625	192.75	ug/L		92
21) trans-1,2-Dichloroethene	2.296	61	47442	40.13	ug/L		94
22) Hexane	2.339	56	28681	37.92	ug/L	#	77
23) Methyl Tert Butyl Ether	2.357	73	82666	40.52	ug/L	#	66
24) Acetonitrile	2.491	41	115776m	479.16	ug/L		
25) Tert Butyl Alcohol	2.412	59	180082	429.19	ug/L		80
26) Di-isopropyl ether	2.559	45	140146	46.27	ug/L		94
27) Chloroprene	2.656	53	150860	42.52	ug/L		82
28) 1,1-Dichloroethane	2.626	63	57354	44.69	ug/L		99
29) Acrylonitrile	2.656	52	118100	205.69	ug/L	#	67
30) ETBE	2.754	59	105356	40.97	ug/L		93
31) Vinyl acetate	2.754	43	531833	201.17	ug/L		99
32) cis-1,2-Dichloroethene	2.912	96	22976	40.40	ug/L	#	81
33) 2,2-Dichloropropane	2.973	77	38691	40.84	ug/L		96
34) Bromochloromethane	3.022	128	11481	40.21	ug/L	#	58
35) Cyclohexane	3.028	56	52496	40.02	ug/L	#	87
36) Chloroform	3.058	83	45367	39.51	ug/L		93
37) Ethyl acetate	3.119	43	379488	198.33	ug/L		94
38) Tetrahydrofuran	3.150	42	29981	38.83	ug/L		89
40) Carbon Tetrachloride	3.144	117	38240m	42.36	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	40409	41.82	ug/L		97
42) 2-Butanone	3.229	43	228676	199.34	ug/L		87
43) 1,1-Dichloropropene	3.241	75	28471	40.70	ug/L		85
44) tert-Butyl formate	3.302	59	184331	221.14	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	126817	419.14	ug/L	#	33
46) Methacrylonitrile	3.406	41	380183	404.13	ug/L		96
47) Benzene	3.382	78	84499	38.58	ug/L		78
48) TAME	3.442	73	69022	40.15	ug/L		80
50) 1,2-Dichloroethane	3.497	62	45283	40.12	ug/L		95
51) Isobutyl Alcohol	3.442	43	29997	779.00	ug/L		71
52) Tert Amyl Alcohol	3.552	59	132684	416.95	ug/L		87
53) Trichloroethene	3.711	95	24278	39.56	ug/L		98
54) Methylcyclohexane	3.711	83	30055	39.19	ug/L	#	73
55) Dibromomethane	3.955	93	17443	39.77	ug/L		96
56) 1,2-Dichloropropane	4.016	63	27148	39.59	ug/L		95
57) Bromodichloromethane	4.046	83	35115	40.33	ug/L	#	94
58) Methyl methacrylate	4.137	41	41420	39.45	ug/L		87
59) 1,4-Dioxane	4.180	88	14448	897.20	ug/L		73
60) 2-Chloroethyl vinyl ether	4.394	63	121414	209.42	ug/L		86
61) cis-1,3-Dichloropropene	4.430	75	39368	40.95	ug/L		87
64) Toluene	4.583	91	88933	39.26	ug/L		99
65) 2-Nitropropane	4.729	41	98882	207.37	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	350789	201.43	ug/L		95
67) trans-1,3-Dichloropropene	4.845	75	39378	40.34	ug/L		88
68) Tetrachloroethene	4.839	166	23336	41.30	ug/L		94
69) Ethyl methacrylate	4.948	69	31061	39.00	ug/L	#	72
70) 1,1,2-Trichloroethane	4.954	83	18288	38.54	ug/L		86
71) Dibromochloromethane	5.070	129	27934	40.75	ug/L		99
72) 1,3-Dichloropropane	5.131	76	36686	38.44	ug/L		79
73) 1,2-Dibromoethane	5.235	107	24697	38.56	ug/L		98
74) 3,3-Dimethyl-1-Butanol	5.363	57	728547	2195.27	ug/L		85
75) 2-hexanone	5.375	43	416146	205.99	ug/L		91
76) 1-Chlorohexane	5.576	91	30269m	40.05	ug/L		
77) Ethylbenzene	5.613	91	102415m	40.37	ug/L		
78) Chlorobenzene	5.595	112	58757	39.25	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	23592	39.04	ug/L		98
80) m,p-Xylene	5.716	91	159027	80.68	ug/L		99
81) o-Xylene	6.021	91	77796	41.10	ug/L		100
82) Styrene	6.058	104	58178	40.99	ug/L		91
83) Bromoform	6.076	173	20561	40.20	ug/L		96
84) Isopropylbenzene	6.253	105	93126	41.81	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	21403	41.00	ug/L	#	80
88) n-Propylbenzene	6.564	91	111353	40.85	ug/L		99
89) Bromobenzene	6.539	156	24875	39.40	ug/L		90
90) 1,1,2,2-Tetrachloroethane	6.613	83	34686	37.02	ug/L		96
91) 1,3,5-Trimethylbenzene	6.716	105	79916	43.28	ug/L		98
92) 2-Chlorotoluene	6.680	91	61470	40.37	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	18349	38.55	ug/L	#	79
94) 1,2,3-Trichloropropane	6.716	110	12220	40.07	ug/L		93
95) Cyclohexanone	6.747	55	22428	223.40	ug/L		90
96) 4-Chlorotoluene	6.808	91	70191	40.52	ug/L		95
97) tert-Butylbenzene	6.960	91	44383	42.49	ug/L		92
98) 1,2,4-Trimethylbenzene	7.021	105	82289	43.30	ug/L		99
99) Pentachloroethane	6.978	167	15338	42.56	ug/L	#	1
100) sec-Butylbenzene	7.106	105	89371	42.39	ug/L		99
101) 4-Isopropyltoluene	7.222	119	75793	43.20	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	45567	40.19	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	79605	41.75	ug/L		100
104) 1,4-Dichlorobenzene	7.332	146	47453	39.43	ug/L		95
105) n-Butylbenzene	7.539	92	41754	42.80	ug/L		93
106) Benzyl Chloride	7.521	126	14517	41.71	ug/L		94
107) 1,2-Dichlorobenzene	7.649	146	43491	40.23	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:41 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

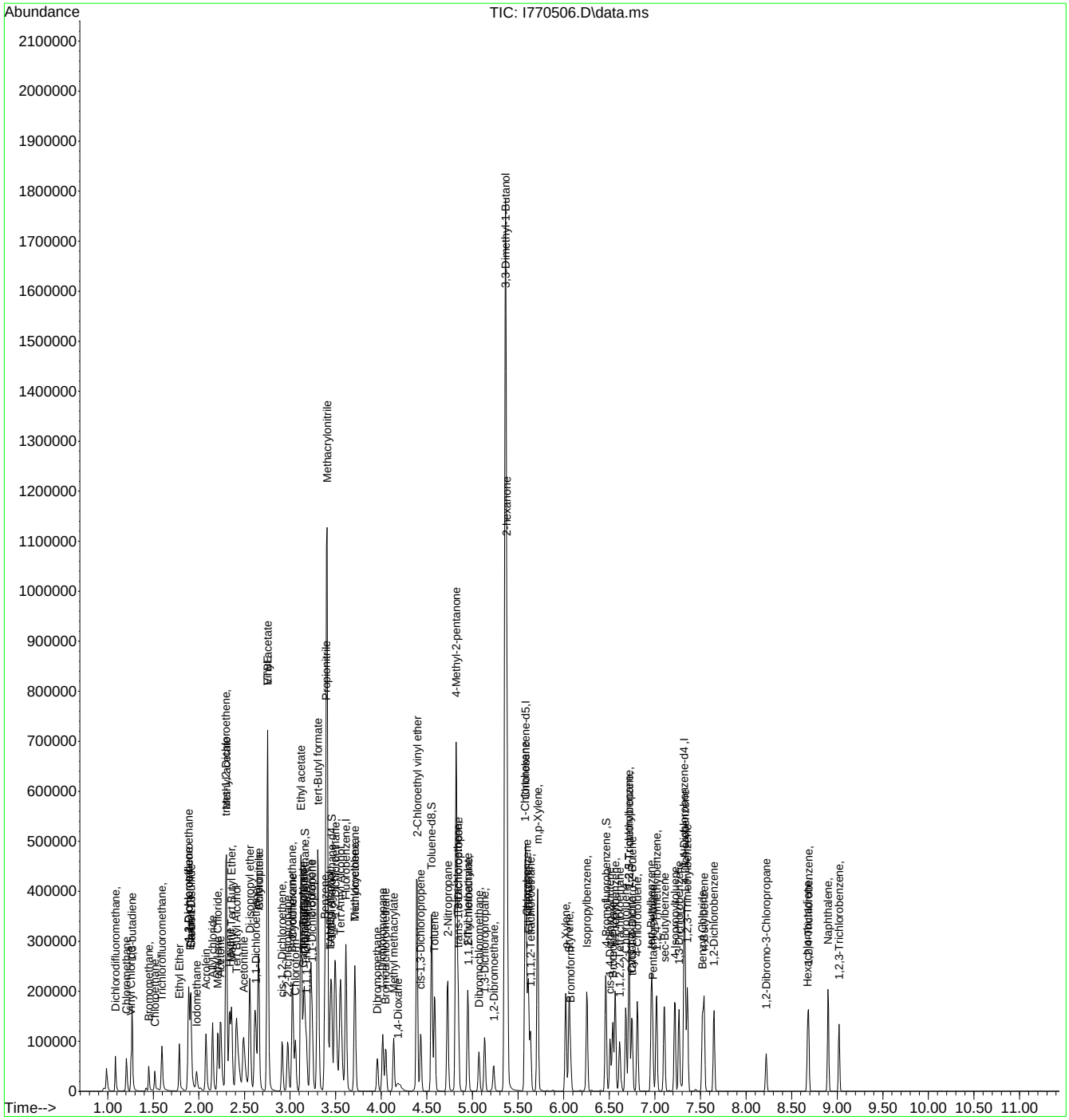
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	12623	41.79	ug/L	92
109) Hexachlorobutadiene	8.673	225	10179	42.00	ug/L	81
110) 1,2,4-Trichlorobenzene	8.685	180	24515	41.28	ug/L	96
111) Naphthalene	8.899	128	92523	42.71	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	23666	43.01	ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
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Manual Integration Approval Summary

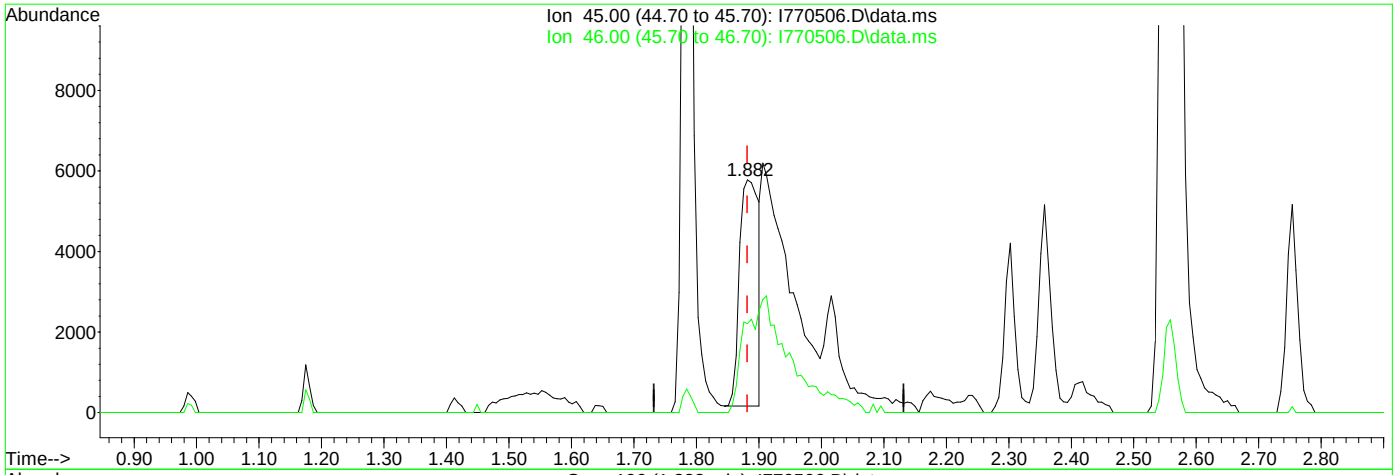
Sample Number: VI3525-CC3517
Lab FileID: I770506.D
Injection Time: 04/07/25 08:53
Method: SW846 8260D
Analyst approved: 04/07/25 09:46 Jenifer Willis
Supervisor approved: 04/08/25 08:53 Neil Christiana

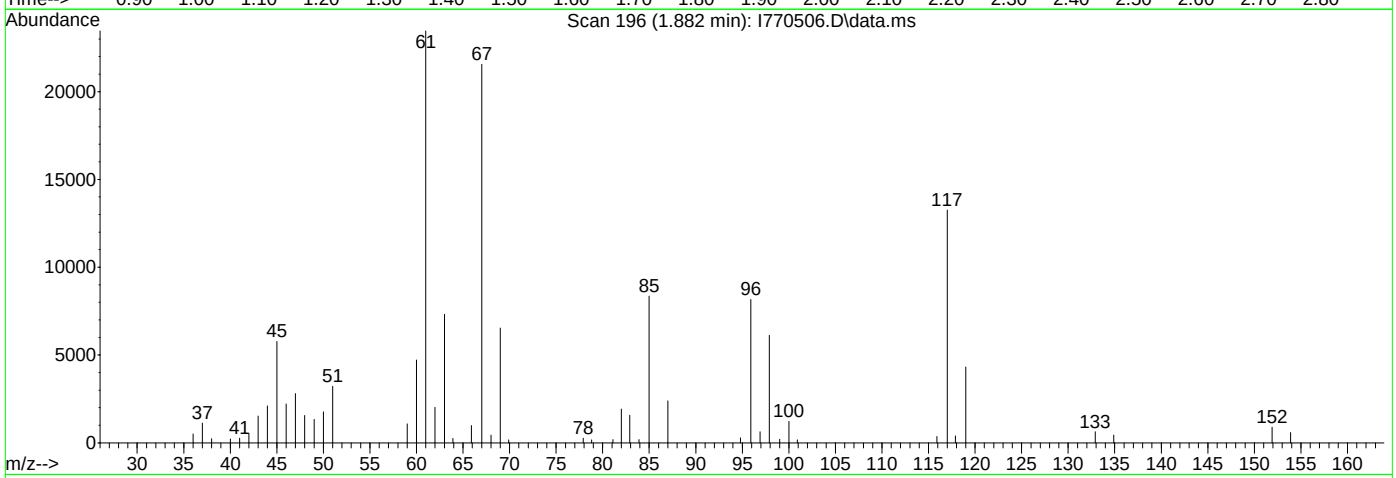
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.91	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
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Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(10) Ethanol

1.882min (0.000) 335.64ug/L

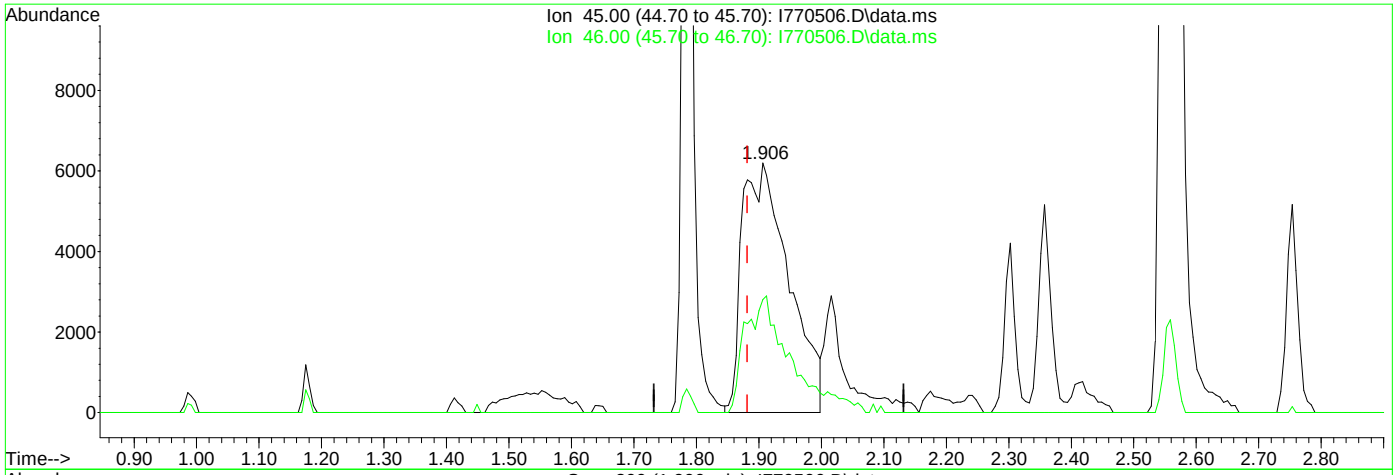
response 11890

Ion	Exp%	Act%
45.00	100	100
46.00	35.00	39.41
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770506.D\data.ms

(10) Ethanol

1.906min (+0.024) 1022.66ug/L m

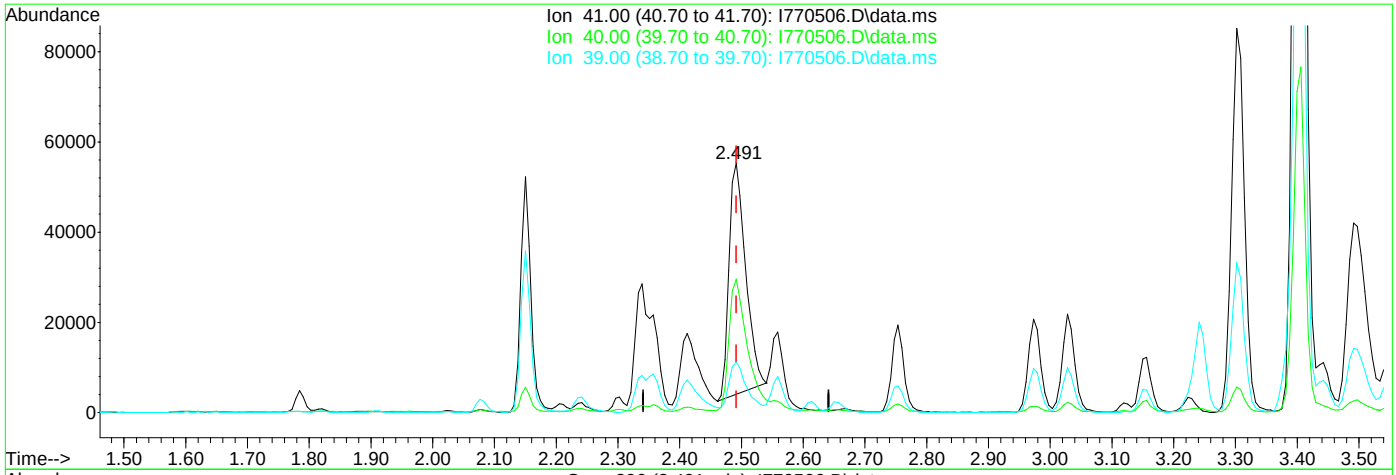
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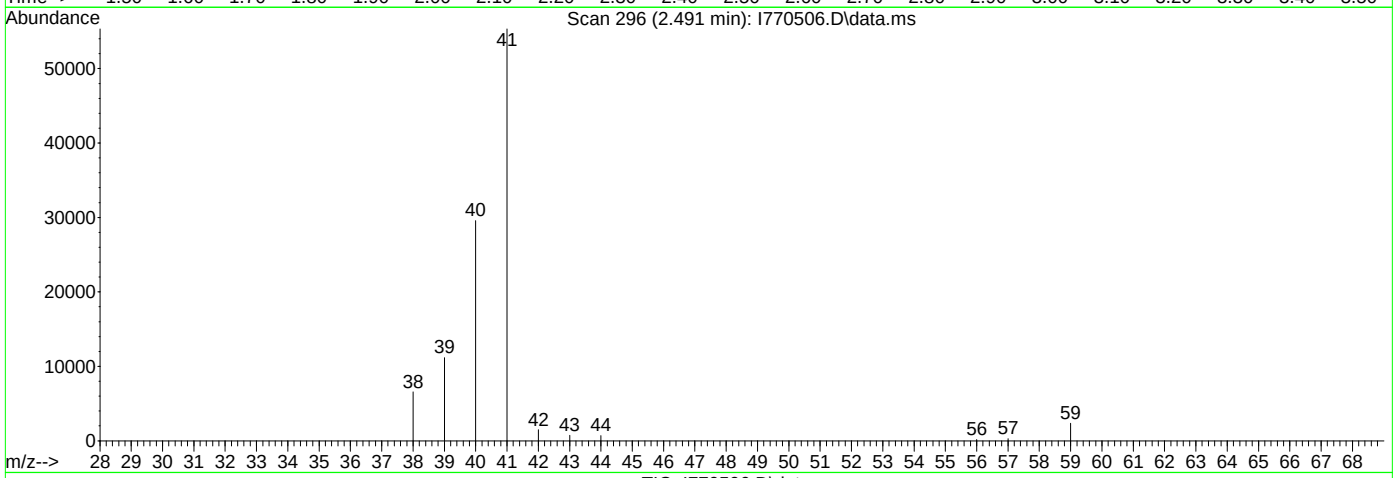
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	45.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(24) Acetonitrile

2.491min (0.000) 391.71ug/L

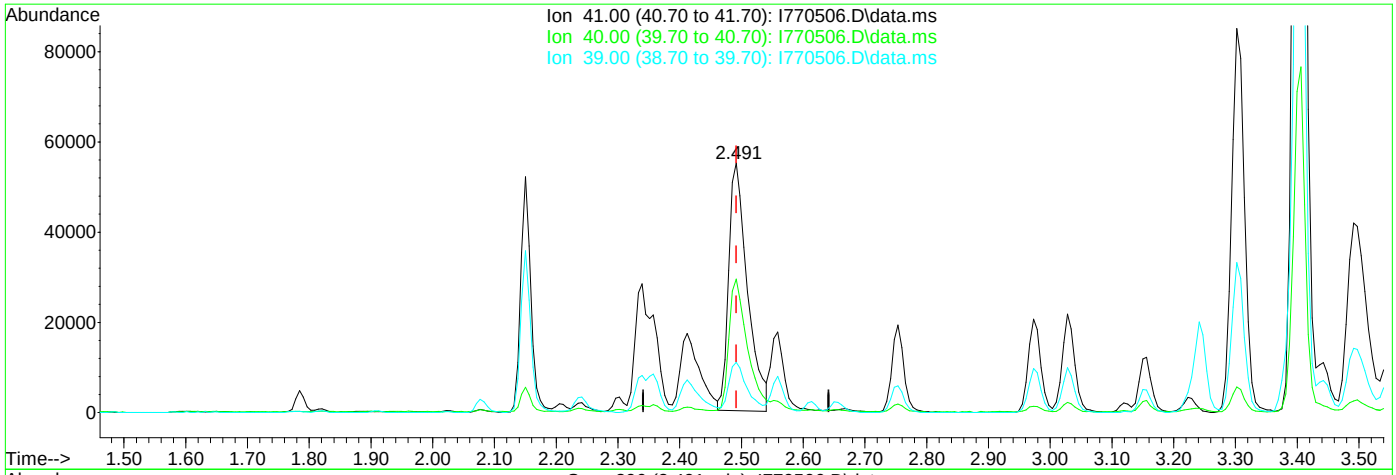
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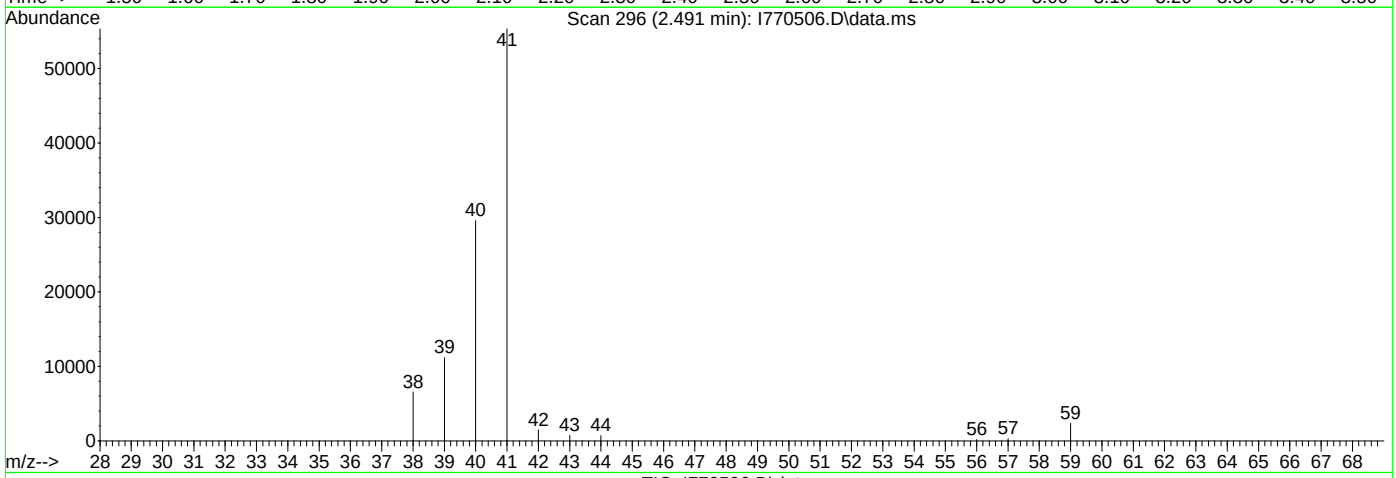
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	55.04
39.00	20.00	19.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(24) Acetonitrile

2.491min (0.000) 479.16ug/L m

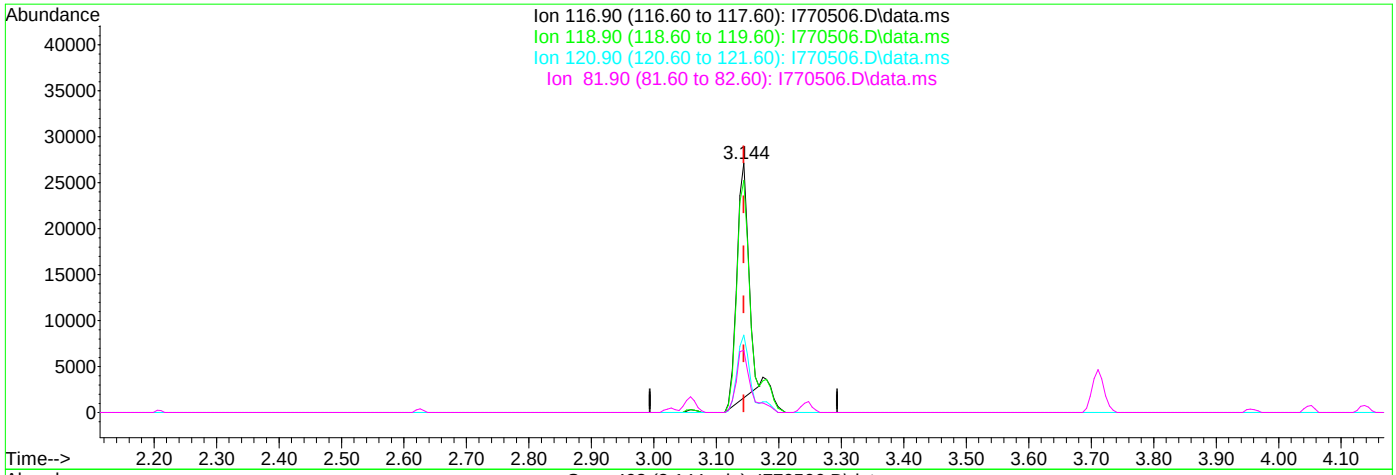
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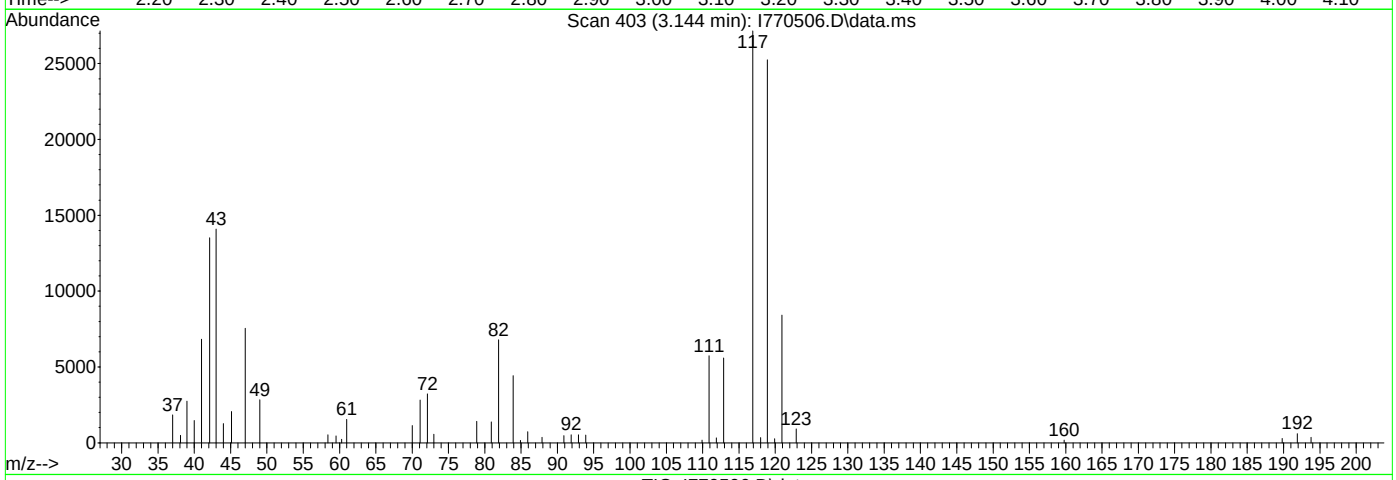
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.45
39.00	20.00	20.15
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (0.000) 37.10ug/L

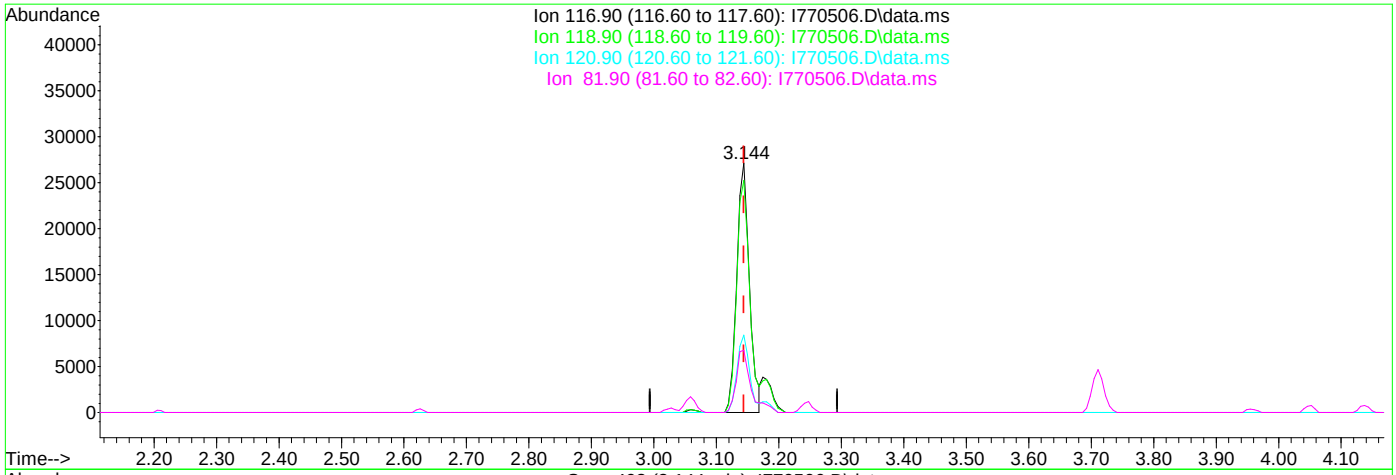
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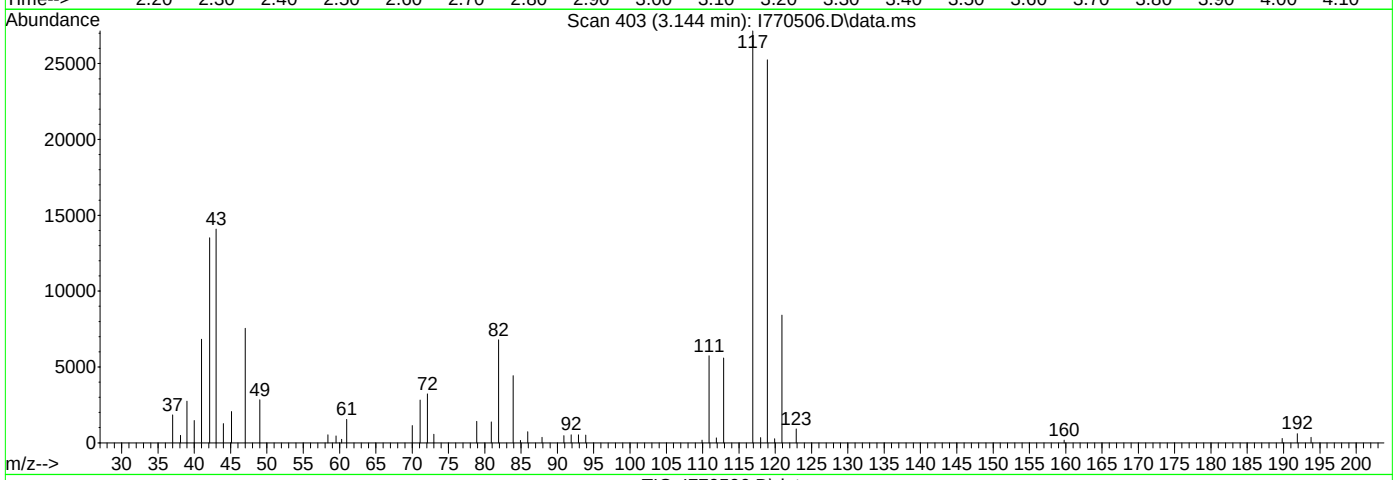
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	92.96
120.90	29.40	30.99
81.90	25.70	24.99

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (0.000) 42.36ug/L m

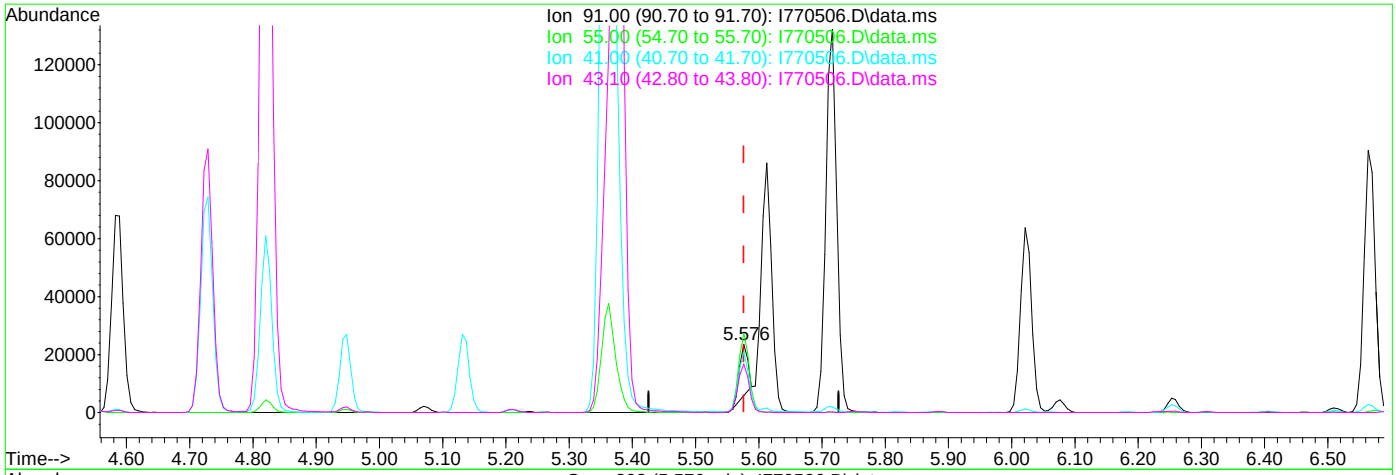
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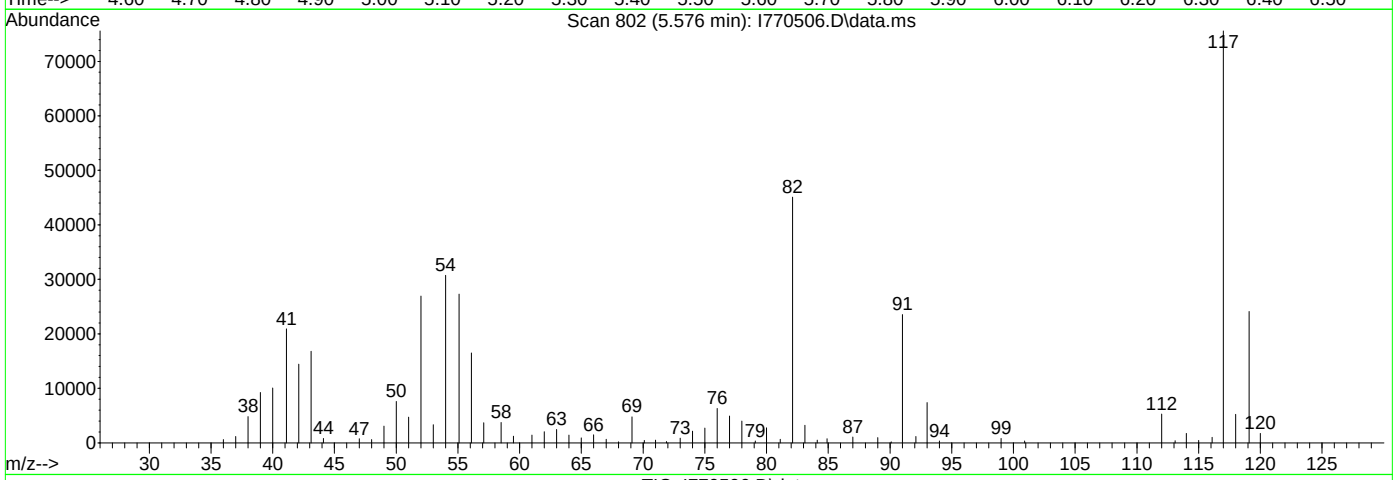
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	92.96
120.90	29.40	30.99
81.90	25.70	24.99

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(76) 1-Chlorohexane

5.576min (0.000) 23.41ug/L

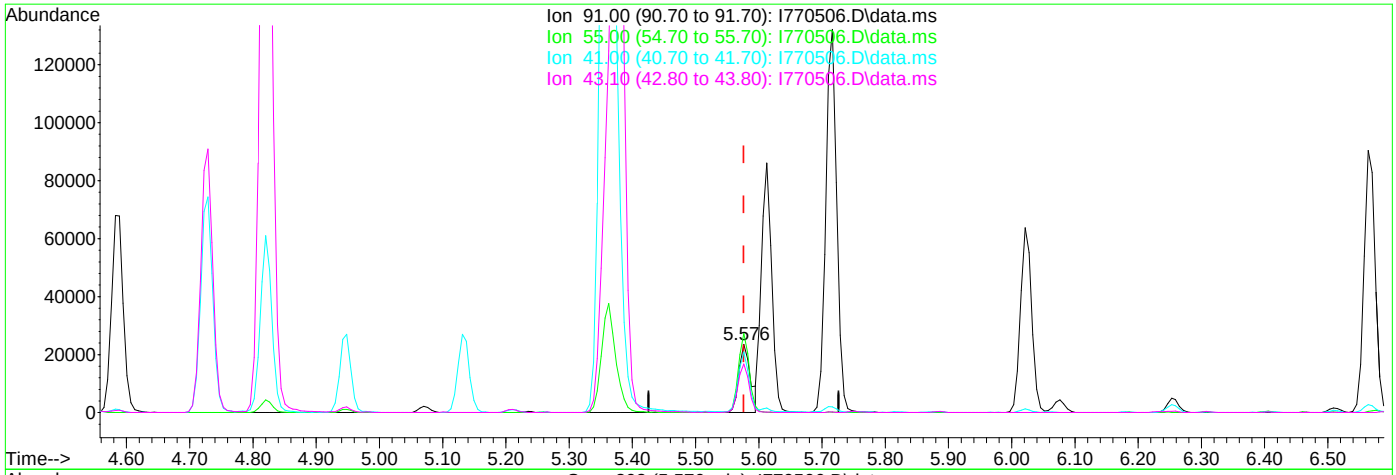
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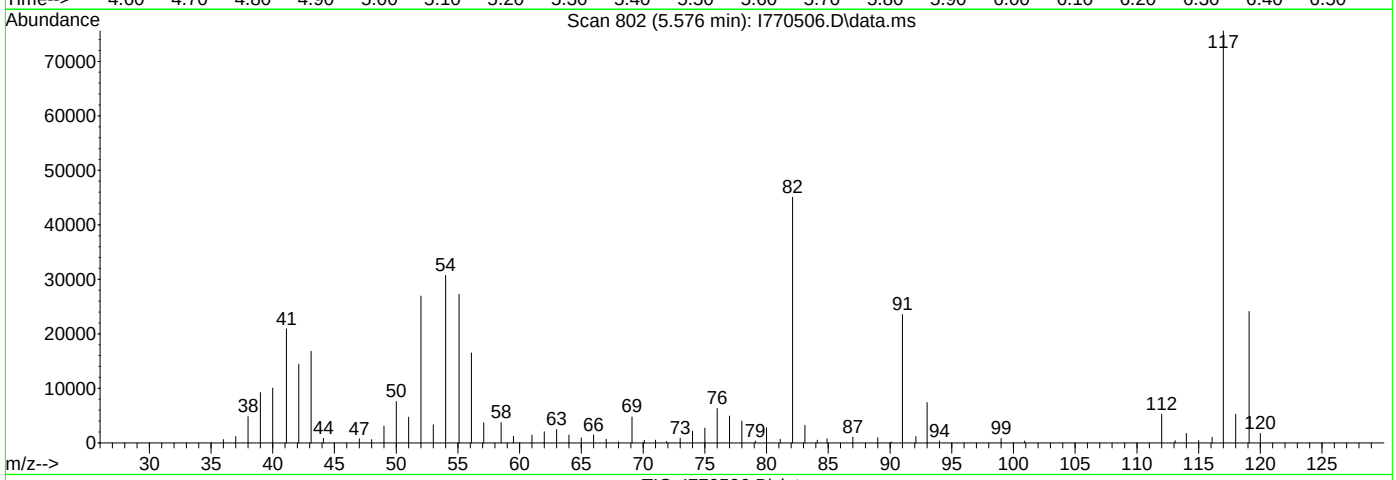
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	115.02#
41.00	64.20	86.21#
43.10	52.80	70.15

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(76) 1-Chlorohexane

5.576min (0.000) 40.05ug/L m

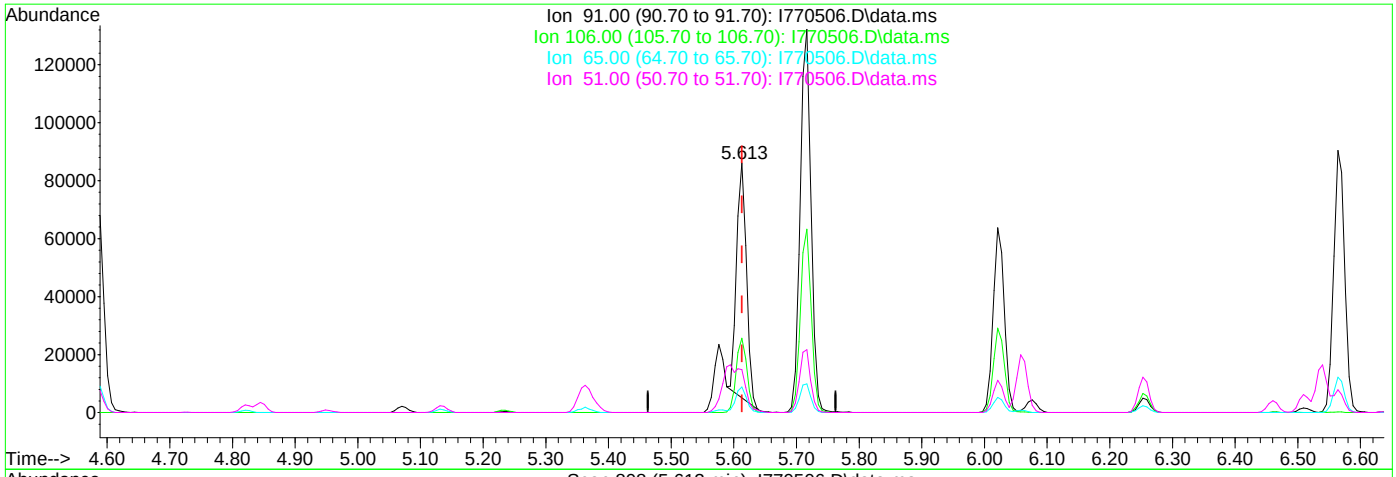
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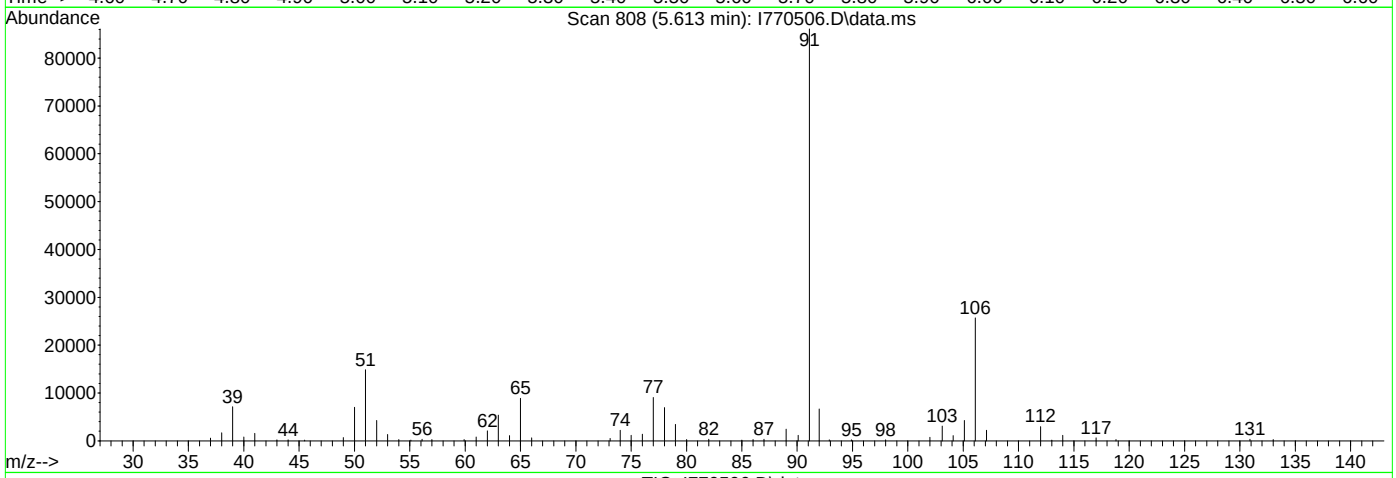
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	116.05#
41.00	64.20	88.95#
43.10	52.80	71.50

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(77) Ethylbenzene

5.613min (0.000) 34.36ug/L

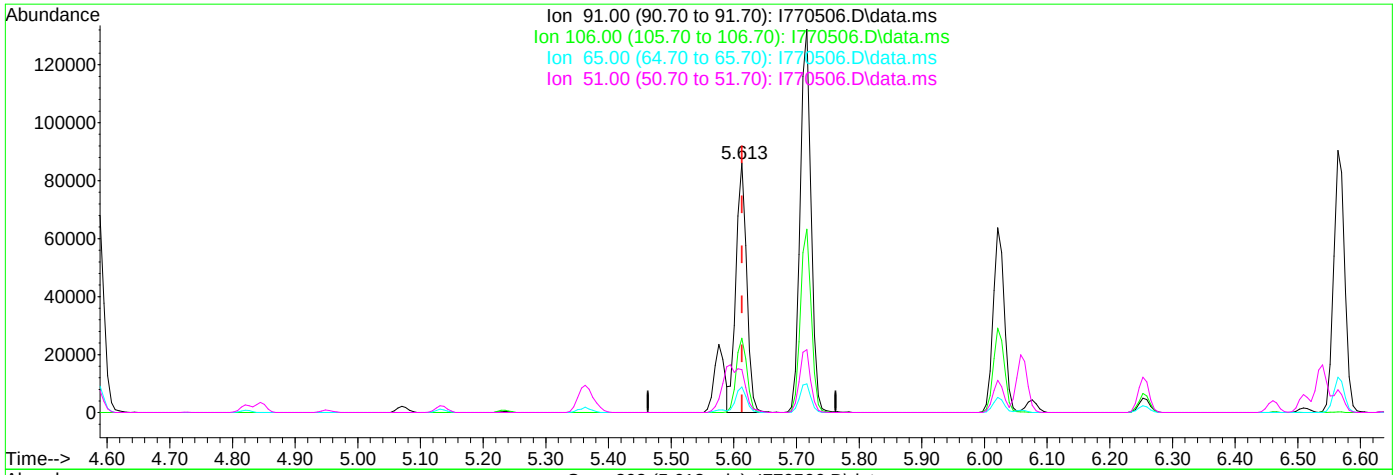
response 87167

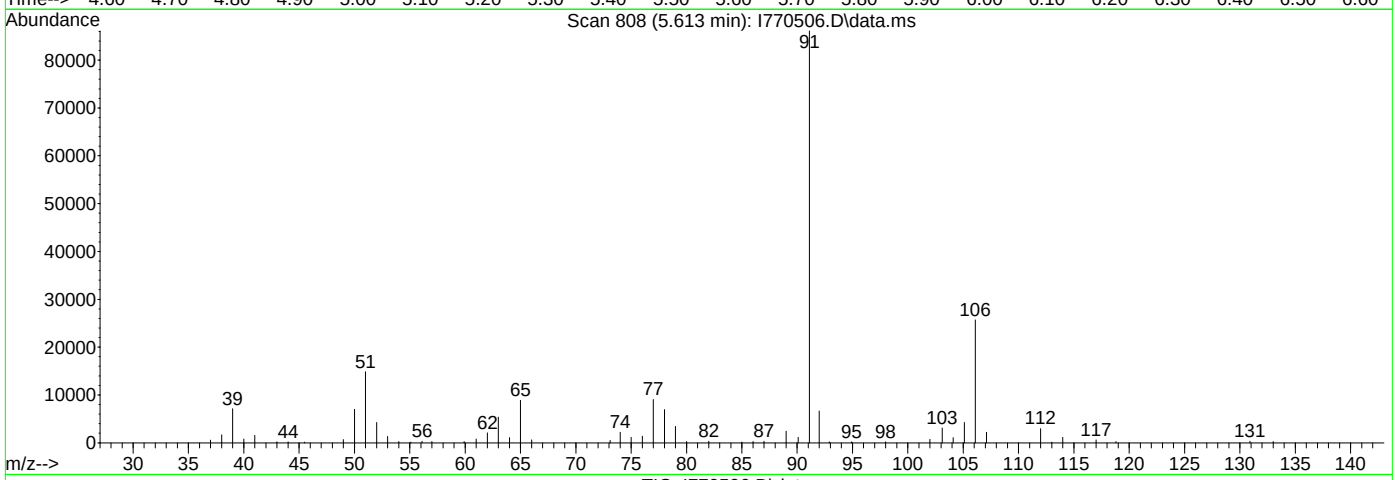
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.97
65.00	9.50	10.22
51.00	11.40	16.50

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-07-25\
Data File : I770506.D
Acq On : 7 Apr 2025 8:53 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58800,VI3525,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 07 09:43:03 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770506.D\data.ms

(77) Ethylbenzene

5.613min (0.000) 40.37ug/L m

response 102415

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.82
65.00	9.50	10.30
51.00	11.40	17.27

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/08/25 08:53

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\V
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:25:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.619	96	152390	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	109128	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	58902	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46768	50.99	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.98%			
49) 1,2-Dichloroethane-d4	3.461	65	67693	53.11	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 106.22%			
63) Toluene-d8	4.558	98	147012	47.69	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.38%			
86) 4-Bromofluorobenzene	6.466	174	42901	49.13	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	29852	44.3463	ug/L	97
3) Chloromethane	1.211	50	39156	44.6515	ug/L	98
4) 1,3-butadiene	1.272	39	35451	42.3349	ug/L	98
5) Vinyl Chloride	1.260	62	32454	44.9522	ug/L	95
6) Bromomethane	1.455	94	12197	34.4437	ug/L	99
7) Chloroethane	1.522	64	14578	43.4474	ug/L	96
8) Trichlorofluoromethane	1.601	101	42915	42.6578	ug/L	96
9) Ethyl Ether	1.790	59	31115	37.9074	ug/L	82
10) Ethanol	1.888	45	28128	858.4200	ug/L	90
11) 1,2-Dichlorotrifluoroe...	1.888	67	28640	37.5985	ug/L	99
12) 1,1-Dichloroethene	1.894	61	49078	38.0879	ug/L	91
13) Freon 113	1.918	101	21882	37.2606	ug/L	95
14) Carbon Disulfide	1.912	76	69371	35.9993	ug/L	84
15) Iodomethane	1.979	142	20561	33.4207	ug/L	91
16) Acrolein	2.083	56	58212	181.8721	ug/L	99
17) Allyl chloride	2.156	41	54328	37.7709	ug/L	90
18) Methylene Chloride	2.211	49	53559	36.8478	ug/L	78
19) Acetone	2.241	43	129662	197.6315	ug/L	97
20) Methyl acetate	2.302	43	400850	229.6373	ug/L	91
21) trans-1,2-Dichloroethene	2.296	61	44732	37.5219	ug/L	89
22) Hexane	2.339	56	26493	34.7314	ug/L #	77
23) Methyl Tert Butyl Ether	2.363	73	78789	38.2910	ug/L #	66
24) Acetonitrile	2.491	41	84602	339.7670	ug/L	99
25) Tert Butyl Alcohol	2.418	59	172131	406.7830	ug/L	78
26) Di-isopropyl ether	2.564	45	114465	37.4754	ug/L	96
27) Chloroprene	2.656	53	145401	40.6379	ug/L	81
28) 1,1-Dichloroethane	2.631	63	50337	38.8905	ug/L	95
29) Acrylonitrile	2.656	52	116244	200.7567	ug/L #	70
30) ETBE	2.759	59	101211	39.0238	ug/L	91
31) Vinyl acetate	2.759	43	492886	184.8646	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	22238	38.7752	ug/L	86
33) 2,2-Dichloropropane	2.979	77	33082	34.6227	ug/L	96
34) Bromochloromethane	3.028	128	11051	38.3814	ug/L #	54
35) Cyclohexane	3.034	56	50129	37.8921	ug/L #	88
36) Chloroform	3.064	83	43216	37.3234	ug/L	95
37) Ethyl acetate	3.125	43	375592	194.6380	ug/L	94
38) Tetrahydrofuran	3.156	42	30483	39.1449	ug/L	94
40) Carbon Tetrachloride	3.144	117	35991m	39.5319	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	37596	38.5807	ug/L	96
42) 2-Butanone	3.229	43	226539	195.8143	ug/L	86
43) 1,1-Dichloropropene	3.247	75	27028	38.3157	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:25:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) tert-Butyl formate	3.308	59	173045	205.8525	ug/L		96
45) Propionitrile	3.400	54	127506	417.8719	ug/L	#	7
46) Methacrylonitrile	3.406	41	377735	398.1501	ug/L		95
47) Benzene	3.387	78	81225	36.7726	ug/L		70
48) TAME	3.448	73	66410	38.3086	ug/L	#	77
50) 1,2-Dichloroethane	3.497	62	44257	38.8845	ug/L		94
51) Isobutyl Alcohol	3.442	43	28368	730.4924	ug/L		75
52) Tert Amyl Alcohol	3.552	59	132636	413.2941	ug/L		86
53) Trichloroethene	3.711	95	22752	36.7627	ug/L		96
54) Methylcyclohexane	3.717	83	28433	36.7664	ug/L	#	70
55) Dibromomethane	3.960	93	16907	38.2236	ug/L		98
56) 1,2-Dichloropropane	4.021	63	26092	37.7294	ug/L		90
57) Bromodichloromethane	4.052	83	33307	37.9269	ug/L	#	94
58) Methyl methacrylate	4.137	41	41808	39.4805	ug/L	#	83
59) 1,4-Dioxane	4.180	88	13308	819.4464	ug/L		76
60) 2-Chloroethyl vinyl ether	4.393	63	116401	199.0794	ug/L		85
61) cis-1,3-Dichloropropene	4.436	75	36088	37.2189	ug/L		86
64) Toluene	4.588	91	85539	37.1422	ug/L		99
65) 2-Nitropropane	4.729	41	95235	196.4362	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	349598	197.4372	ug/L		96
67) trans-1,3-Dichloropropene	4.851	75	36650	36.9226	ug/L		93
68) Tetrachloroethene	4.838	166	22731	39.5652	ug/L		95
69) Ethyl methacrylate	4.948	69	30246	37.3532	ug/L	#	73
70) 1,1,2-Trichloroethane	4.954	83	17685	36.6578	ug/L		84
71) Dibromochloromethane	5.076	129	25751	36.9468	ug/L		99
72) 1,3-Dichloropropane	5.137	76	35666	36.7570	ug/L		84
73) 1,2-Dibromoethane	5.235	107	24088	36.9872	ug/L		100
74) 3,3-Dimethyl-1-Butanol	5.363	57	754751	2236.7772	ug/L		84
75) 2-hexanone	5.381	43	423903	206.3745	ug/L		84
76) 1-Chlorohexane	5.576	91	27186m	35.3774	ug/L		
77) Ethylbenzene	5.613	91	94586m	36.6718	ug/L		
78) Chlorobenzene	5.594	112	55483	36.4549	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	22322	36.3259	ug/L		93
80) m,p-Xylene	5.716	91	150521	75.1027	ug/L		99
81) o-Xylene	6.027	91	73490	38.1900	ug/L		100
82) Styrene	6.064	104	58645	40.6377	ug/L		94
83) Bromoform	6.082	173	19089	36.7078	ug/L		96
84) Isopropylbenzene	6.259	105	87173	38.4892	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	17975	34.3088	ug/L	#	76
88) n-Propylbenzene	6.570	91	104204	38.0933	ug/L		100
89) Bromobenzene	6.539	156	24139	38.0941	ug/L		93
90) 1,1,2,2-Tetrachloroethane	6.612	83	34335	36.5167	ug/L		96
91) 1,3,5-Trimethylbenzene	6.722	105	74071	39.9752	ug/L		99
92) 2-Chlorotoluene	6.679	91	58118	38.0319	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.753	53	15063	31.5320	ug/L		83
94) 1,2,3-Trichloropropane	6.716	110	11994	39.1893	ug/L		93
95) Cyclohexanone	6.747	55	22345	221.7788	ug/L		89
96) 4-Chlorotoluene	6.807	91	68616	39.4734	ug/L		94
97) tert-Butylbenzene	6.966	91	42137	40.1936	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	77280	40.5167	ug/L		100
99) Pentachloroethane	6.978	167	13864	38.3277	ug/L	#	1
100) sec-Butylbenzene	7.106	105	82646	39.0642	ug/L		99
101) 4-Isopropyltoluene	7.222	119	69565	39.5079	ug/L		99
102) 1,3-Dichlorobenzene	7.265	146	43621	38.3327	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	76479	39.9630	ug/L		98
104) 1,4-Dichlorobenzene	7.338	146	44595	36.9233	ug/L		98
105) n-Butylbenzene	7.539	92	37190	37.9844	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:25:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

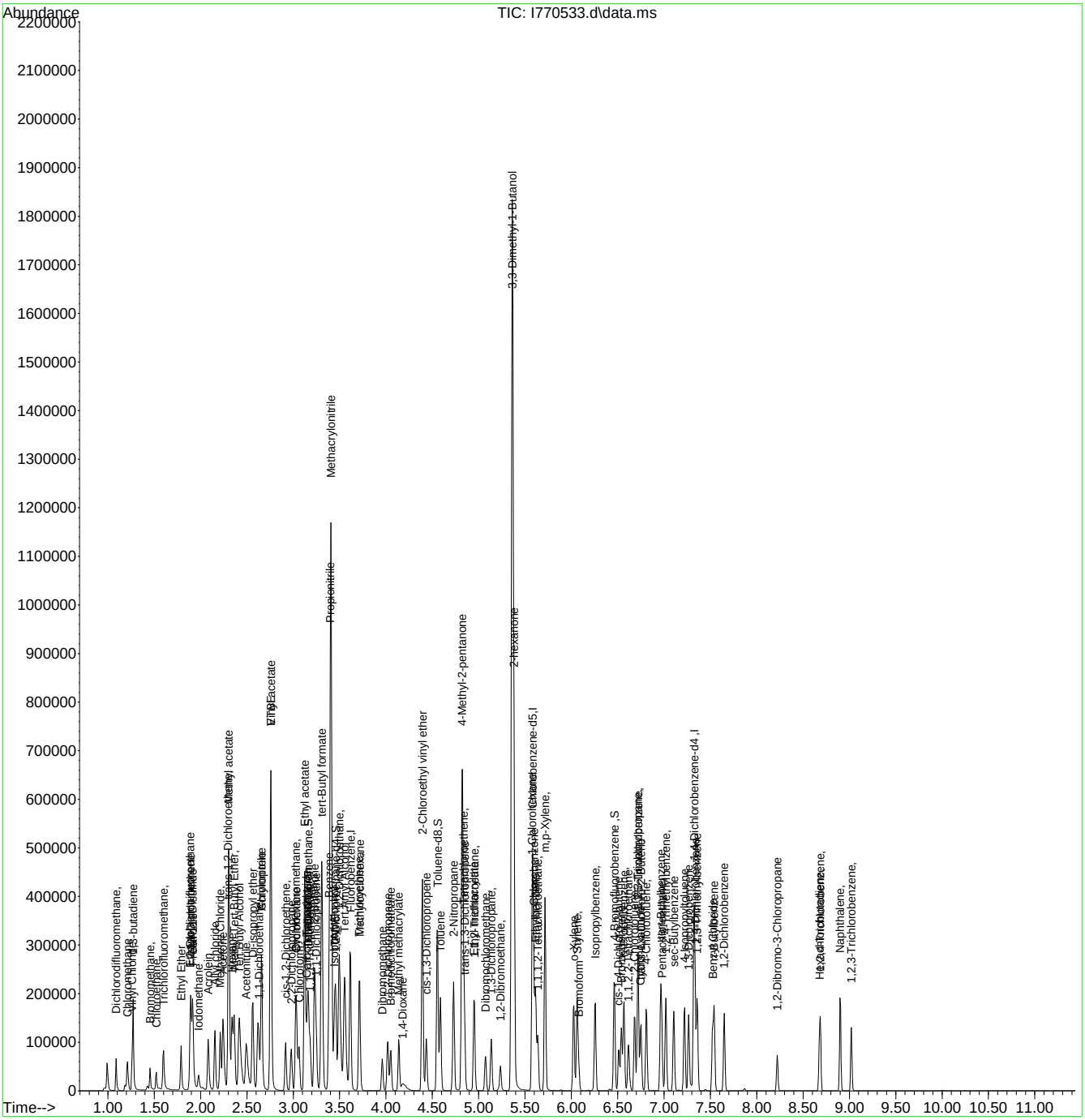
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
106) Benzyl Chloride	7.527	126	12045	34.4833 ug/L #	84
107) 1,2-Dichlorobenzene	7.649	146	42120	38.8176 ug/L	96
108) 1,2-Dibromo-3-Chloropr...	8.222	75	12354	40.7505 ug/L	91
109) Hexachlorobutadiene	8.679	225	8890	36.5484 ug/L	94
110) 1,2,4-Trichlorobenzene	8.685	180	22695	38.0782 ug/L	96
111) Naphthalene	8.899	128	89337	41.0915 ug/L	100
112) 1,2,3-Trichlorobenzene	9.020	180	22579	40.8863 ug/L	96

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:25:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

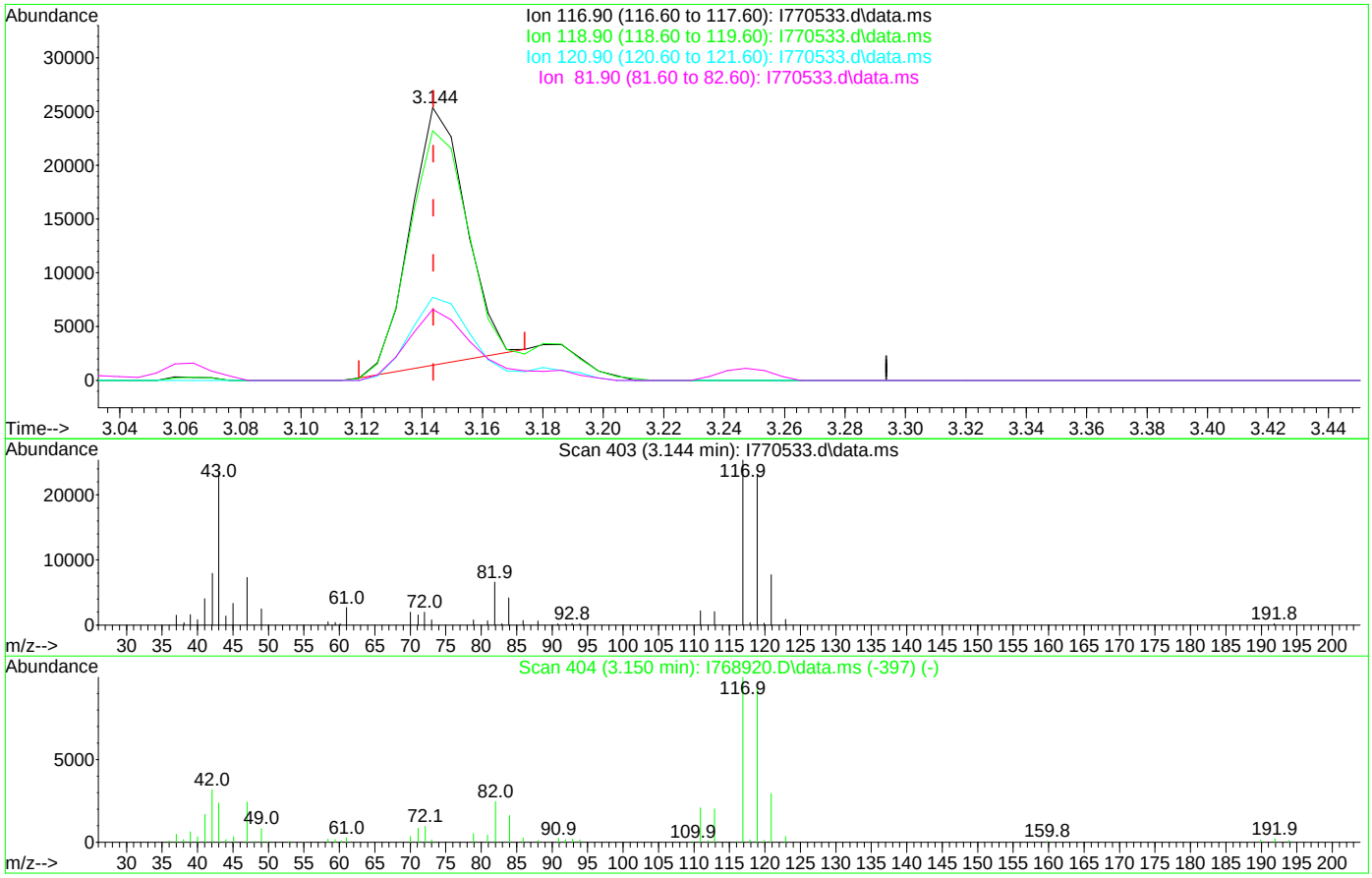
Sample Number: VI3525-ECC3517
Lab FileID: I770533.D
Injection Time: 04/07/25 16:40
Method: SW846 8260D
Analyst approved: 04/08/25 07:45 Lotus Acosta
Supervisor approved: 04/08/25 08:53 Neil Christiana

Parameter	CAS	Sig#	R.T. (min.)	Reason
Carbon Tetrachloride	56-23-5		3.14	Overlapping peak
1-Chlorohexane	544-10-5		5.58	Overlapping peak
Ethylbenzene	100-41-4		5.61	Overlapping peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 33.91ug/L

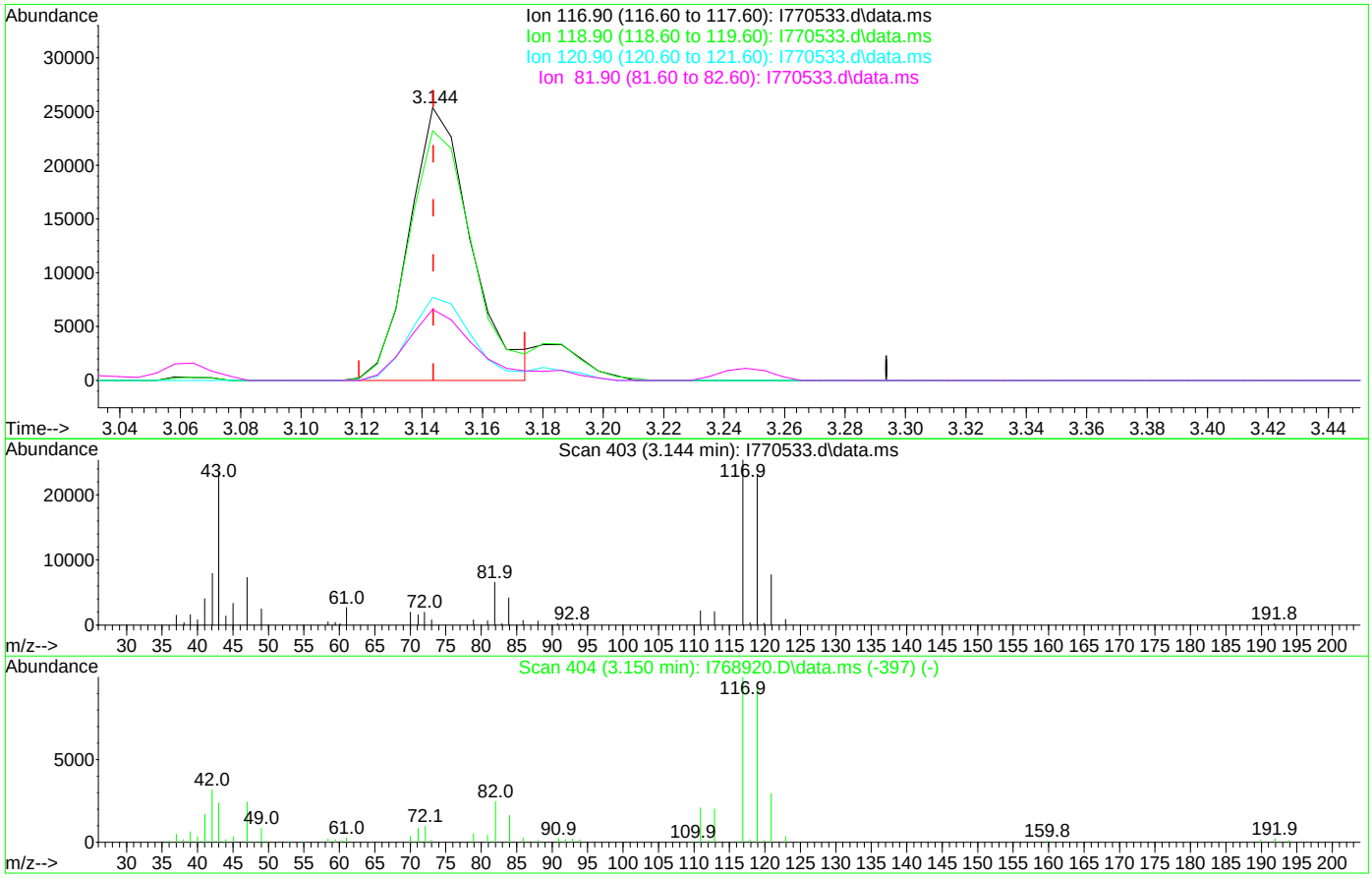
response 30875

Ion	Exp%	Act%
116.90	100	100
118.90	95.50	91.60
120.90	29.40	30.74
81.90	25.70	26.23

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 39.53ug/L m

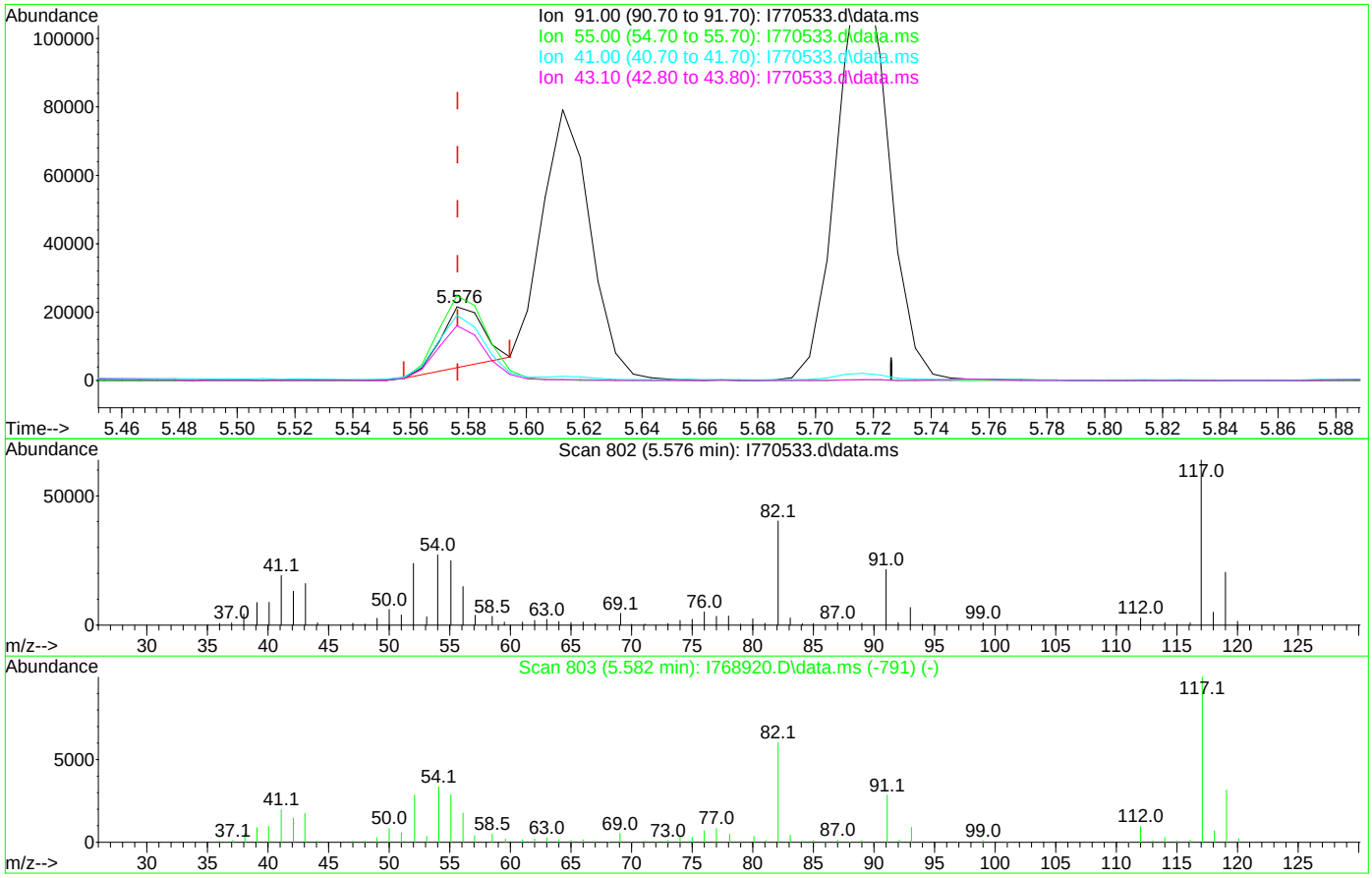
response 35991

Ion	Exp%	Act%
116.90	100	100
118.90	95.50	91.49
120.90	29.40	30.47
81.90	25.70	26.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 24.61ug/L

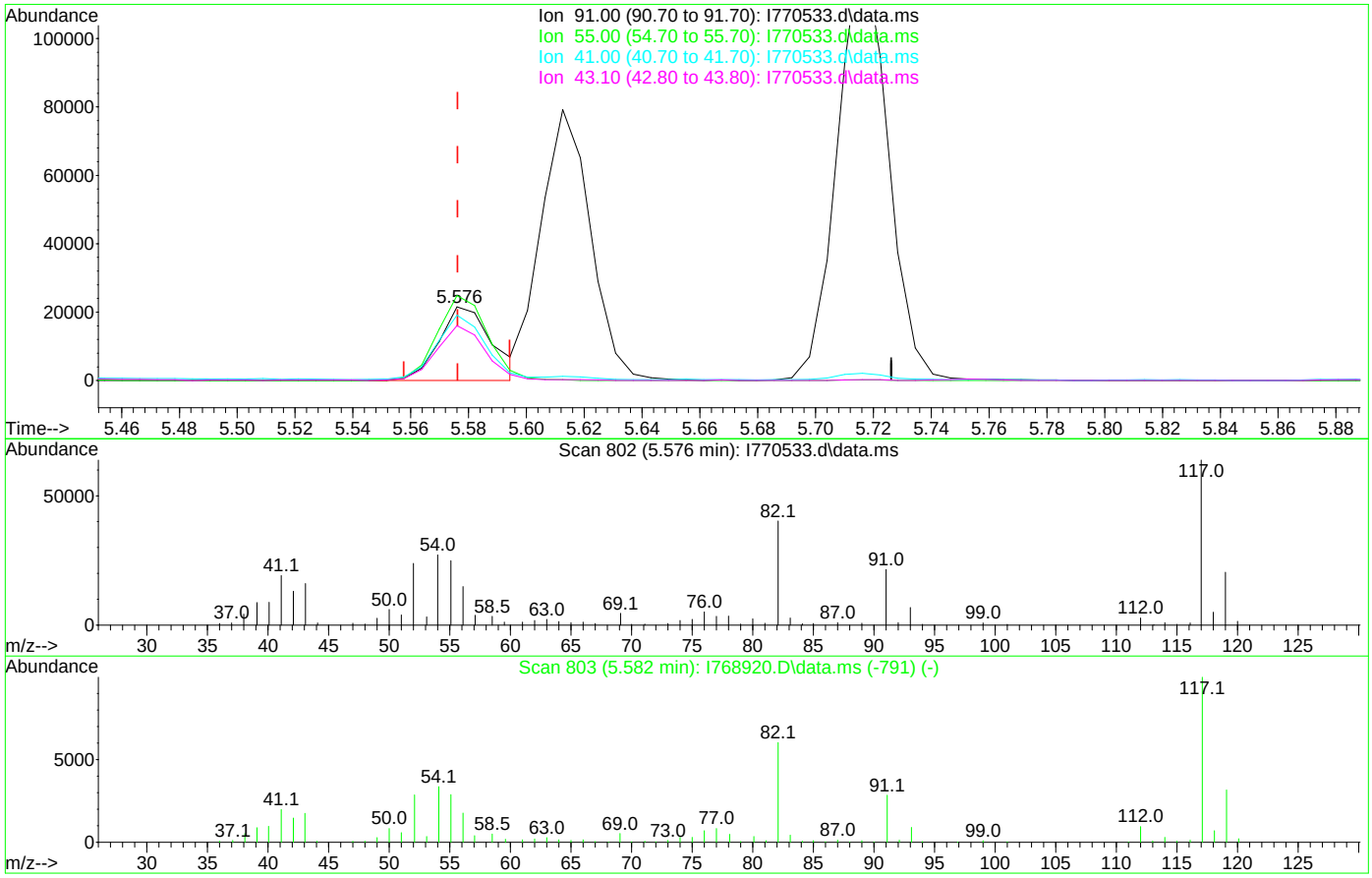
response 18915

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	115.59#
41.00	64.20	86.86#
43.10	52.80	74.37#

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 35.38ug/L m

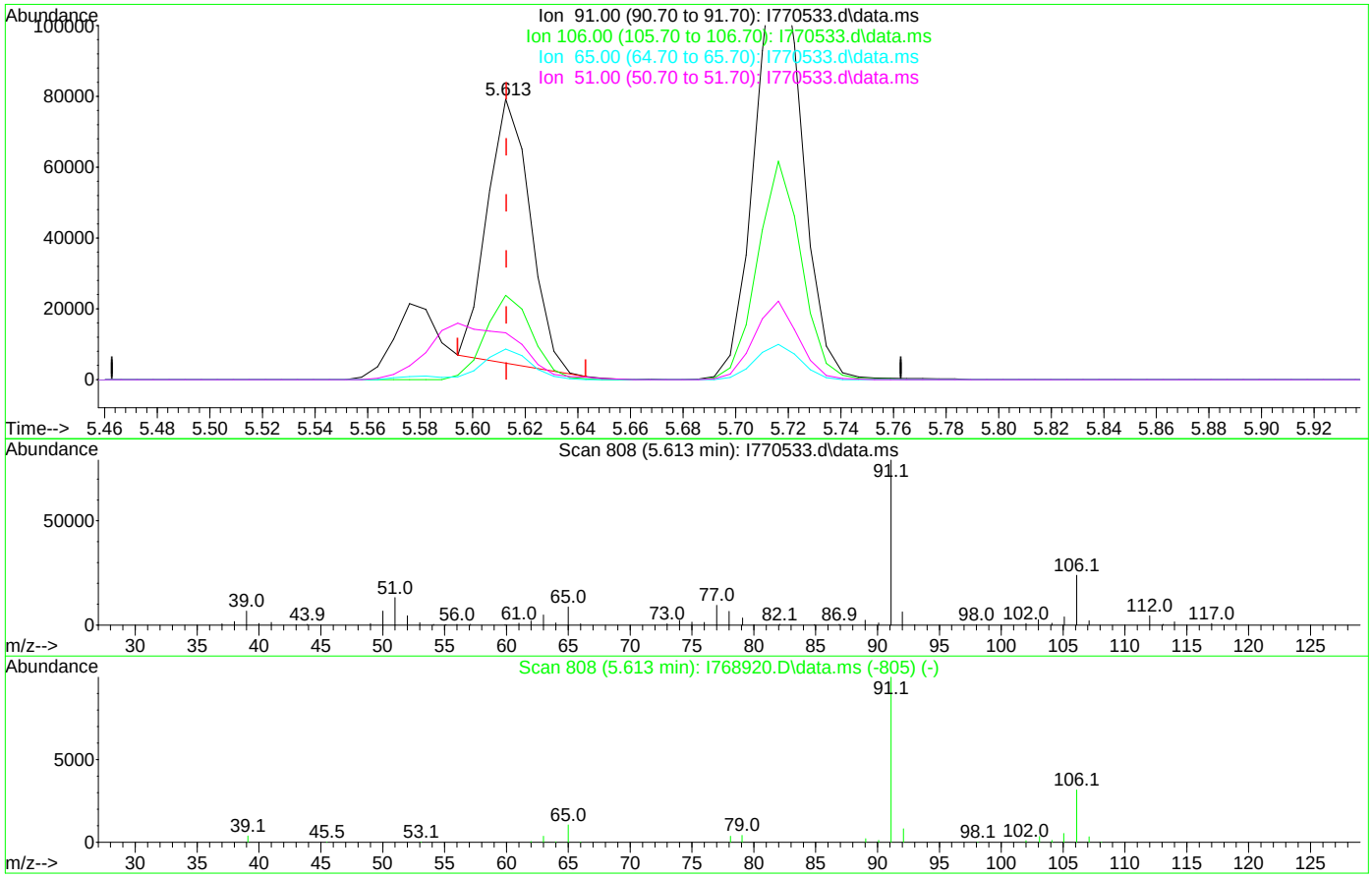
response 27186

Ion	Exp%	Act%
91.00	100	100
55.00	80.70	115.67#
41.00	64.20	89.02#
43.10	52.80	74.83#

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 32.23ug/L

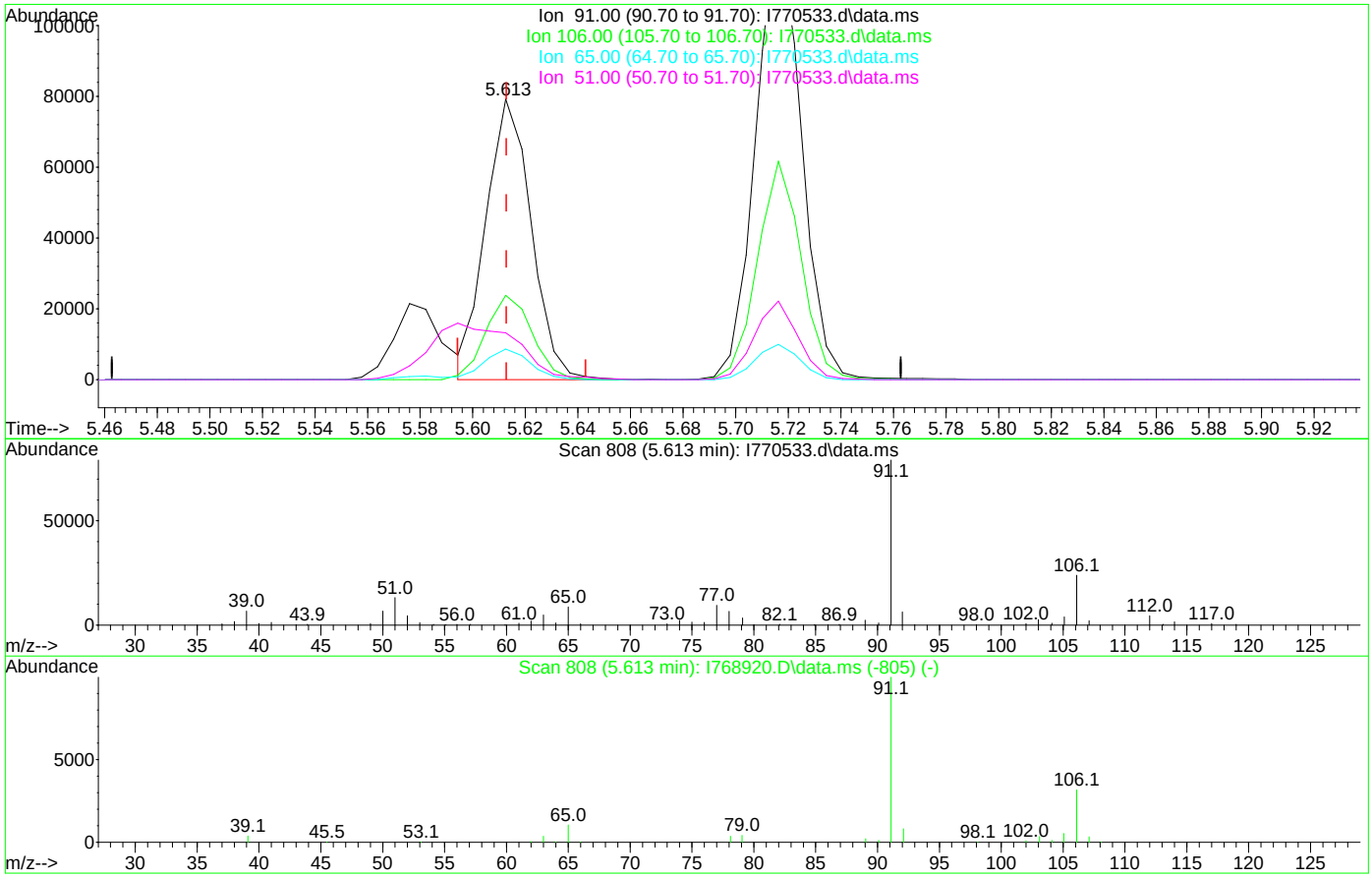
response 83121

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.10
65.00	9.50	10.99
51.00	11.40	15.96

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\VI3525\
Data File : I770533.d
Acq On : 7 Apr 2025 4:40 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3525,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 08 11:01:51 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\LotusA\Apr-2025\4-8\VI3525\method\VI3517_033
... 02025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



TIC: I770533.d\data.ms

(77) Ethylbenzene

5.613min (-0.000) 36.67ug/L m

response 94586

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.09
65.00	9.50	10.88
51.00	11.40	16.67

Manual Integrations APPROVED (compounds with "m" flag)
Neil Christiana 04/09/25 06:42

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:09:00 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	153274	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	108281	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	59160	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	47287	51.26	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.52%				
49) 1,2-Dichloroethane-d4	3.455	65	67829	52.91	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.82%				
63) Toluene-d8	4.552	98	147935	48.36	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.72%				
86) 4-Bromofluorobenzene	6.460	174	42816	48.82	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 97.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	30437	44.95	ug/L		98
3) Chloromethane	1.205	50	40516	45.94	ug/L		99
4) 1,3-butadiene	1.266	39	35101	41.68	ug/L		97
5) Vinyl Chloride	1.254	62	34320	47.26	ug/L		96
6) Bromomethane	1.449	94	12896	36.21	ug/L		99
7) Chloroethane	1.516	64	14882	44.12	ug/L		94
8) Trichlorofluoromethane	1.595	101	44748	44.22	ug/L		99
9) Ethyl Ether	1.784	59	31940	38.69	ug/L		82
10) Ethanol	1.882	45	30568	940.91	ug/L		98
11) 1,2-Dichlorotrifluoroe...	1.882	67	29417	38.40	ug/L		96
12) 1,1-Dichloroethene	1.888	61	50213	38.74	ug/L		91
13) Freon 113	1.912	101	23189	39.26	ug/L		93
14) Carbon Disulfide	1.912	76	73473	37.91	ug/L		88
15) Iodomethane	1.973	142	19726	31.98	ug/L		89
16) Acrolein	2.077	56	62858	195.01	ug/L		99
17) Allyl chloride	2.150	41	57628	39.83	ug/L		89
18) Methylene Chloride	2.205	49	55665	38.08	ug/L		78
19) Acetone	2.235	43	134898	205.14	ug/L		95
20) Methyl acetate	2.302	43	333072	189.71	ug/L		93
21) trans-1,2-Dichloroethene	2.296	61	46615	38.88	ug/L		94
22) Hexane	2.339	56	28284	36.87	ug/L	#	75
23) Methyl Tert Butyl Ether	2.357	73	81529	39.39	ug/L		67
24) Acetonitrile	2.491	41	119797m	489.59	ug/L		
25) Tert Butyl Alcohol	2.412	59	180319	423.68	ug/L		83
26) Di-isopropyl ether	2.558	45	127744	41.58	ug/L		92
27) Chloroprene	2.650	53	140307	38.99	ug/L		81
28) 1,1-Dichloroethane	2.626	63	51340	39.44	ug/L		97
29) Acrylonitrile	2.650	52	110090	189.03	ug/L	#	68
30) ETBE	2.754	59	104167	39.93	ug/L		92
31) Vinyl acetate	2.754	43	521197	194.36	ug/L		99
32) cis-1,2-Dichloroethene	2.912	96	22720	39.39	ug/L	#	83
33) 2,2-Dichloropropane	2.973	77	37537	39.06	ug/L		96
34) Bromochloromethane	3.022	128	11598	40.05	ug/L	#	57
35) Cyclohexane	3.028	56	51648	38.82	ug/L	#	88
36) Chloroform	3.058	83	45084	38.71	ug/L		94
37) Ethyl acetate	3.119	43	373632	192.51	ug/L		94
38) Tetrahydrofuran	3.150	42	32220	41.14	ug/L		90
40) Carbon Tetrachloride	3.144	117	37098m	40.51	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	38975	39.77	ug/L		98
42) 2-Butanone	3.223	43	232640	199.93	ug/L		85
43) 1,1-Dichloropropene	3.241	75	27880	39.30	ug/L		84
44) tert-Butyl formate	3.302	59	181303	214.43	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:09:00 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	133477	434.92	ug/L	#	22
46) Methacrylonitrile	3.400	41	386026	404.54	ug/L		95
47) Benzene	3.381	78	84561	38.06	ug/L		75
48) TAME	3.442	73	68562	39.32	ug/L	#	79
50) 1,2-Dichloroethane	3.491	62	45805	40.01	ug/L		93
51) Isobutyl Alcohol	3.442	43	28825	737.98	ug/L		71
52) Tert Amyl Alcohol	3.552	59	134974	418.15	ug/L		87
53) Trichloroethene	3.711	95	23630	37.96	ug/L		95
54) Methylcyclohexane	3.711	83	29400	37.80	ug/L	#	68
55) Dibromomethane	3.955	93	17016	38.25	ug/L		97
56) 1,2-Dichloropropane	4.015	63	26813	38.55	ug/L		89
57) Bromodichloromethane	4.046	83	34360	38.90	ug/L	#	96
58) Methyl methacrylate	4.137	41	42423	39.83	ug/L		86
59) 1,4-Dioxane	4.174	88	14109	863.76	ug/L		87
60) 2-Chloroethyl vinyl ether	4.387	63	121470	206.55	ug/L		82
61) cis-1,3-Dichloropropene	4.430	75	37978	38.94	ug/L		87
64) Toluene	4.582	91	87202	38.16	ug/L		97
65) 2-Nitropropane	4.723	41	100684	209.30	ug/L		97
66) 4-Methyl-2-pentanone	4.820	43	356971	203.18	ug/L		96
67) trans-1,3-Dichloropropene	4.845	75	38615	39.21	ug/L		88
68) Tetrachloroethene	4.832	166	22862	40.10	ug/L		90
69) Ethyl methacrylate	4.948	69	31047	38.64	ug/L	#	72
70) 1,1,2-Trichloroethane	4.948	83	18243	38.11	ug/L	#	78
71) Dibromochloromethane	5.070	129	27556	39.85	ug/L		98
72) 1,3-Dichloropropane	5.131	76	36888	38.31	ug/L		81
73) 1,2-Dibromoethane	5.235	107	24702	38.23	ug/L		97
74) 3,3-Dimethyl-1-Butanol	5.363	57	749916	2239.83	ug/L		85
75) 2-hexanone	5.375	43	427533	209.77	ug/L		98
76) 1-Chlorohexane	5.576	91	26660m	34.96	ug/L		
77) Ethylbenzene	5.613	91	100178m	39.14	ug/L		
78) Chlorobenzene	5.594	112	57878	38.33	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	23034	37.78	ug/L		95
80) m,p-Xylene	5.716	91	156250	78.57	ug/L		98
81) o-Xylene	6.021	91	76798	40.22	ug/L		99
82) Styrene	6.058	104	56967	39.78	ug/L		91
83) Bromoform	6.076	173	20894	40.49	ug/L		96
84) Isopropylbenzene	6.253	105	90938	40.47	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	19681	37.40	ug/L	#	77
88) n-Propylbenzene	6.564	91	109035	39.69	ug/L		98
89) Bromobenzene	6.539	156	24510	38.51	ug/L		91
90) 1,1,2,2-Tetrachloroethane	6.613	83	34988	37.05	ug/L		95
91) 1,3,5-Trimethylbenzene	6.716	105	78611	42.24	ug/L		98
92) 2-Chlorotoluene	6.680	91	60528	39.44	ug/L		96
93) trans-1,4-Dichloro-2-B...	6.747	53	16873	35.17	ug/L	#	78
94) 1,2,3-Trichloropropane	6.716	110	12472	40.57	ug/L		92
95) Cyclohexanone	6.747	55	24281	239.94	ug/L		90
96) 4-Chlorotoluene	6.808	91	70078	40.14	ug/L		94
97) tert-Butylbenzene	6.966	91	43577	41.39	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	79515	41.51	ug/L		100
99) Pentachloroethane	6.972	167	15409	42.41	ug/L	#	30
100) sec-Butylbenzene	7.106	105	86877	40.89	ug/L		99
101) 4-Isopropyltoluene	7.216	119	74690	42.23	ug/L		97
102) 1,3-Dichlorobenzene	7.265	146	44765	39.17	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	78462	40.82	ug/L		98
104) 1,4-Dichlorobenzene	7.332	146	46180	38.07	ug/L		96
105) n-Butylbenzene	7.539	92	40646	41.33	ug/L		92
106) Benzyl Chloride	7.521	126	14418	41.10	ug/L		95
107) 1,2-Dichlorobenzene	7.649	146	43465	39.88	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:09:00 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

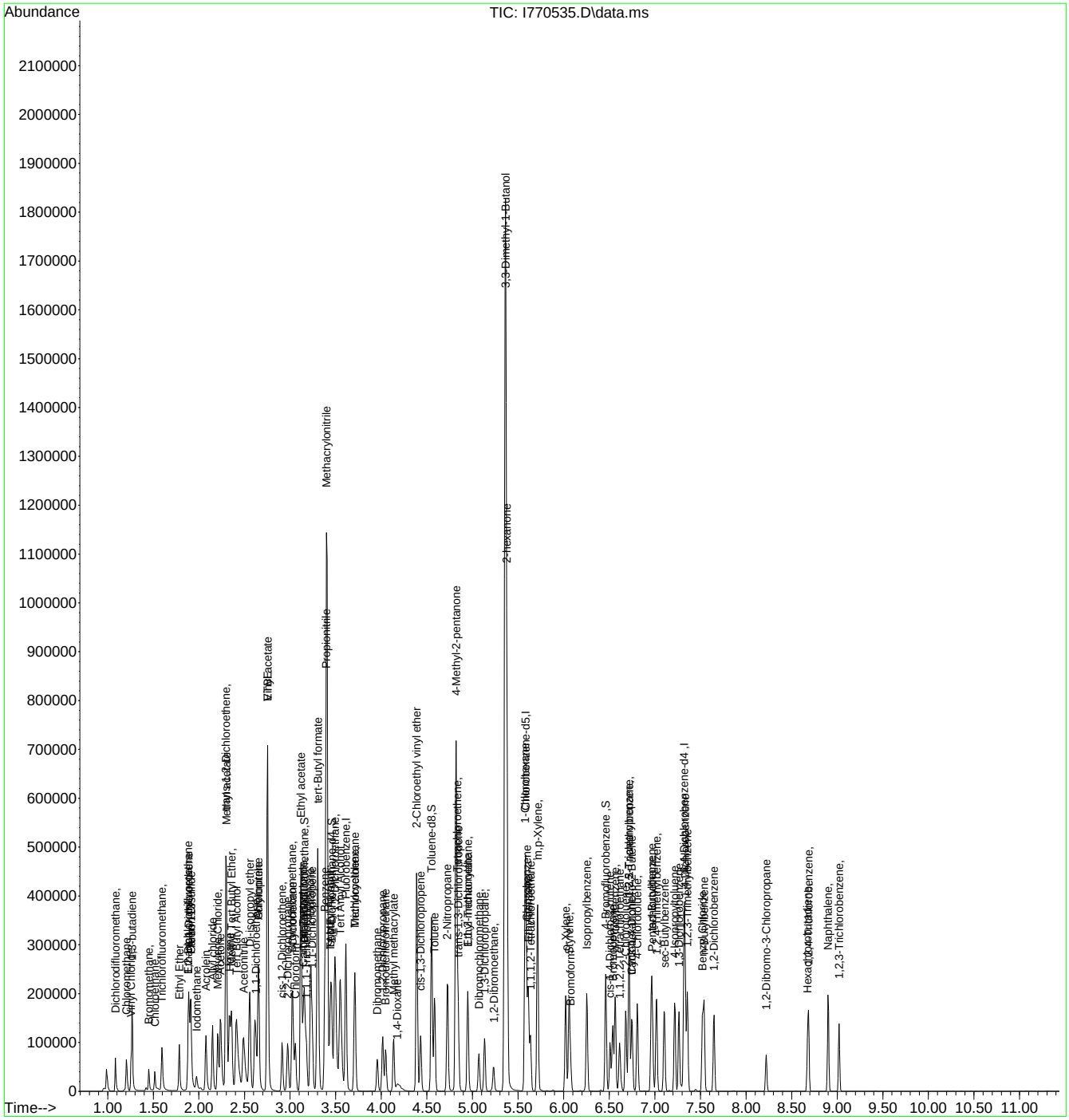
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	12270	40.30	ug/L	87
109) Hexachlorobutadiene	8.673	225	9903	40.54	ug/L	82
110) 1,2,4-Trichlorobenzene	8.685	180	23840	39.82	ug/L	97
111) Naphthalene	8.899	128	90951	41.65	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	23555	42.47	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\04-08-25\
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Acq On : 8 Apr 2025 7:56 am
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ALS Vial : 2 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration



Manual Integration Approval Summary

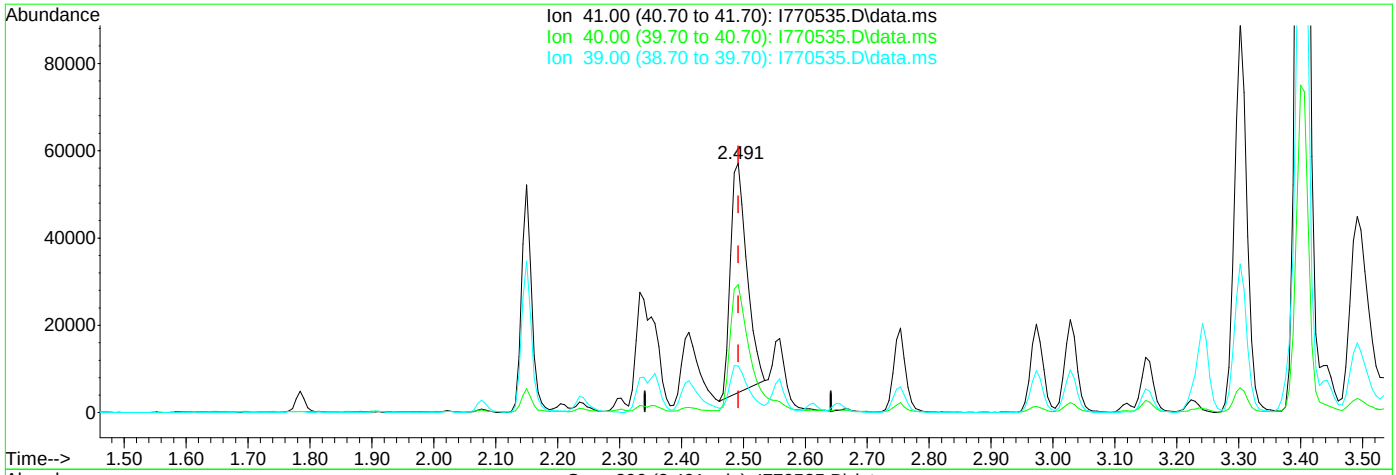
Sample Number: VI3526-CC3517
Lab FileID: I770535.D
Injection Time: 04/08/25 07:56
Method: SW846 8260D
Analyst approved: 04/08/25 10:36 Jenifer Willis
Supervisor approved: 04/09/25 06:42 Neil Christiana

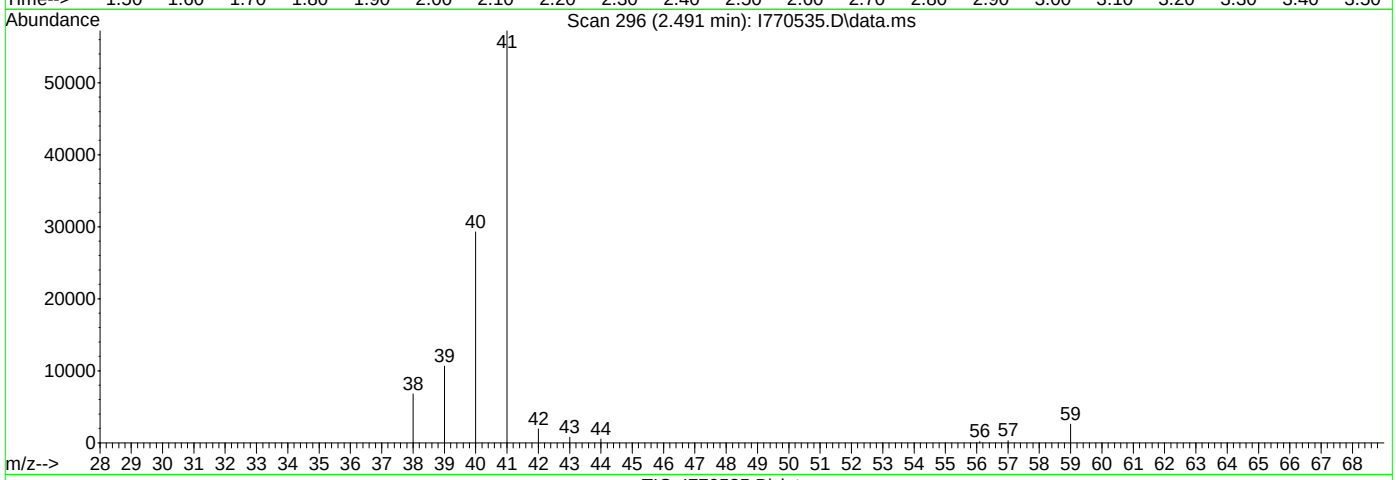
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
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Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
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TIC: I770535.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 394.71ug/L

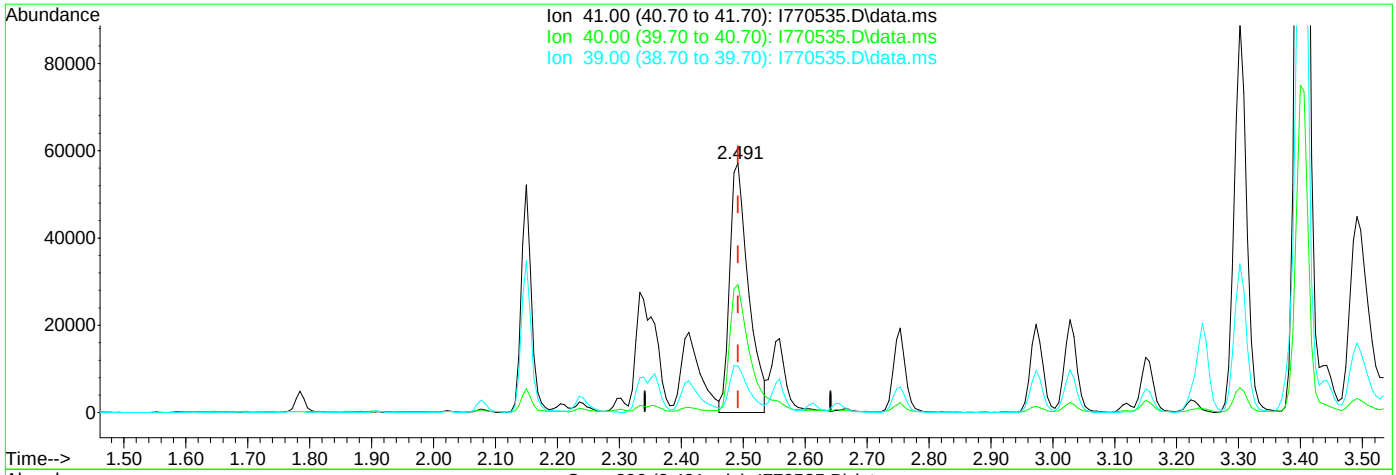
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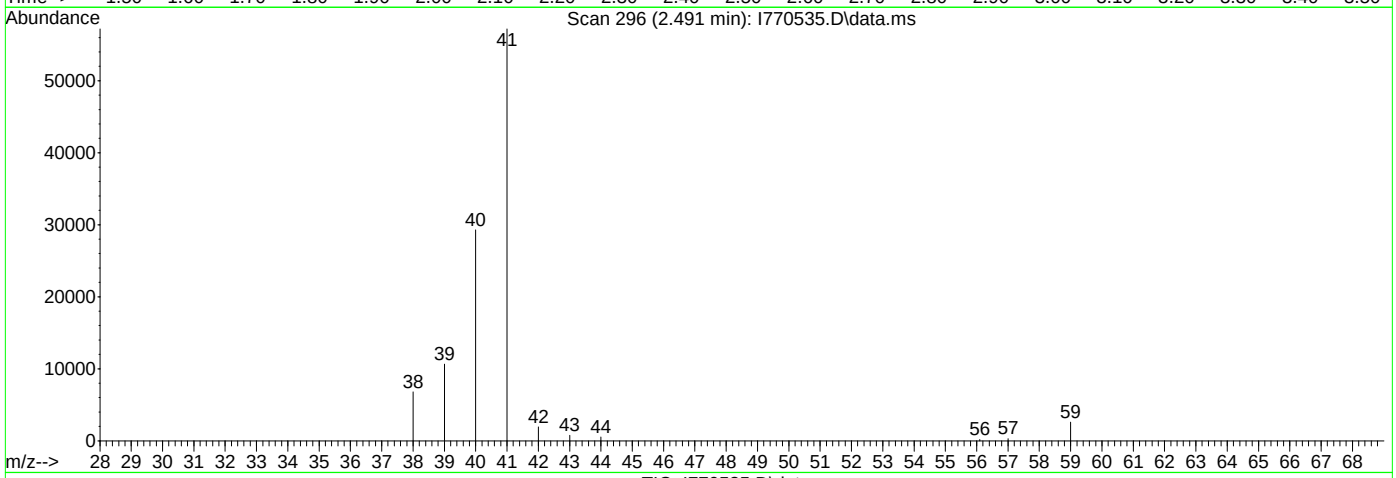
Ion	Exp%	Act%
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40.00	55.00	52.83
39.00	20.00	17.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(24) Acetonitrile

2.491min (-0.000) 489.59ug/L m

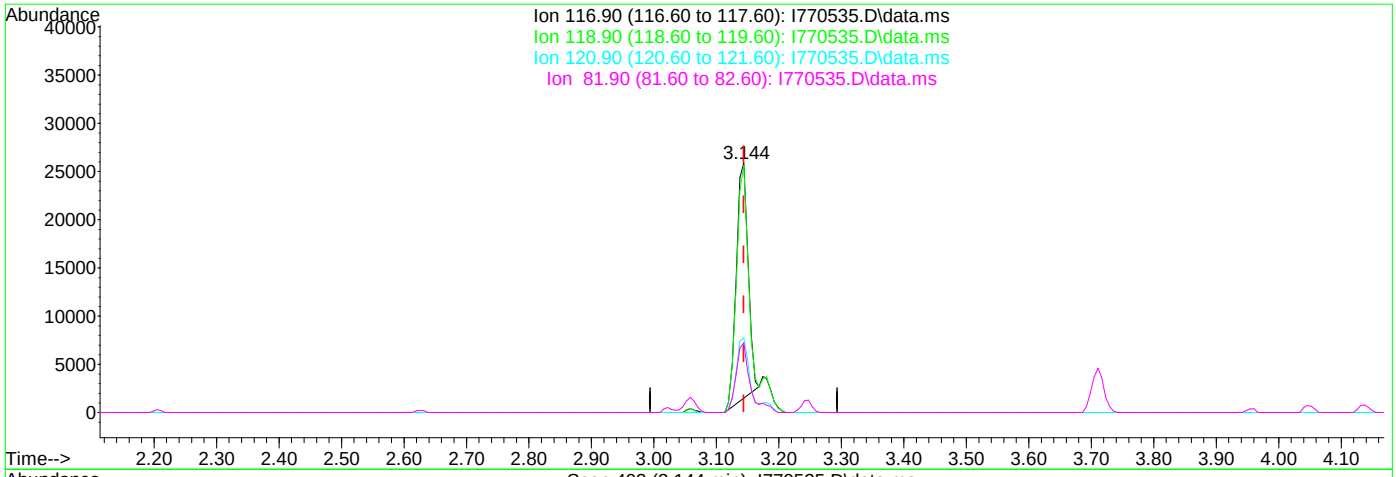
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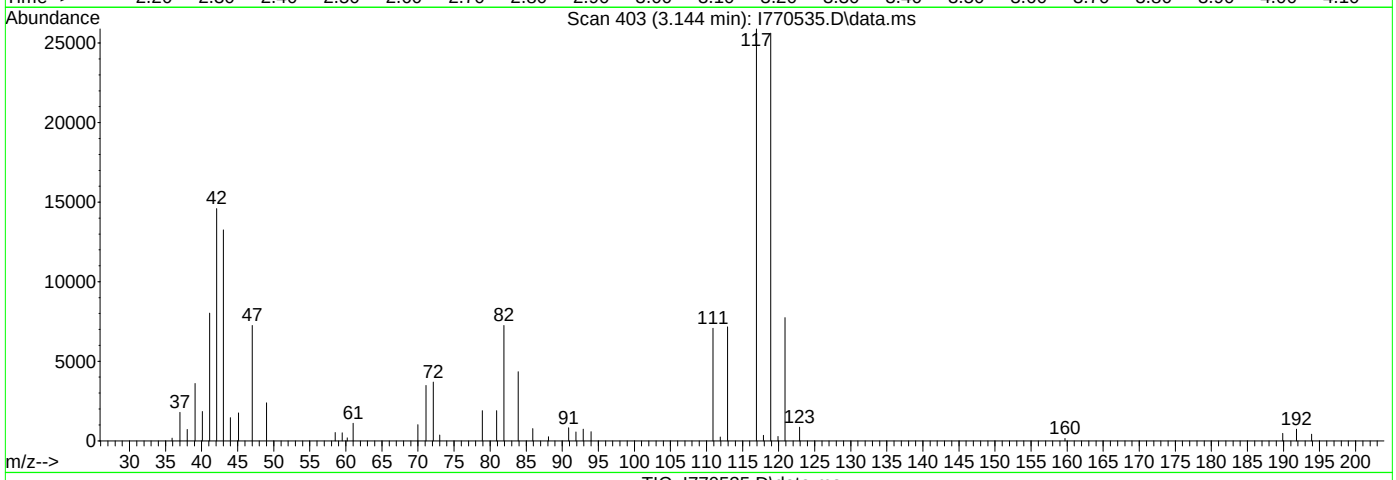
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	51.21
39.00	20.00	18.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 35.67ug/L

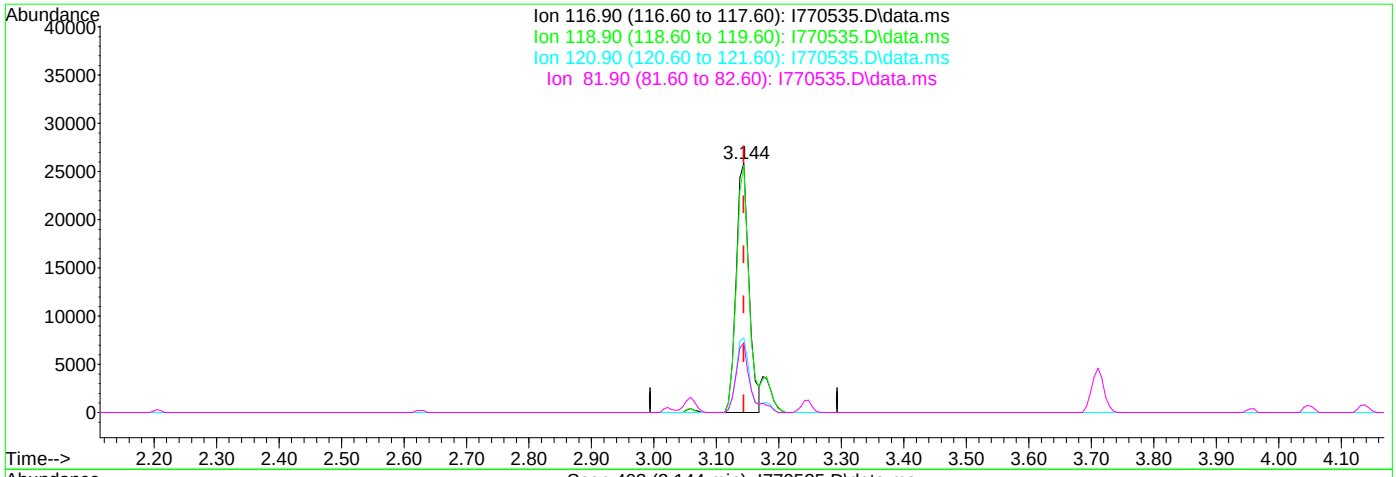
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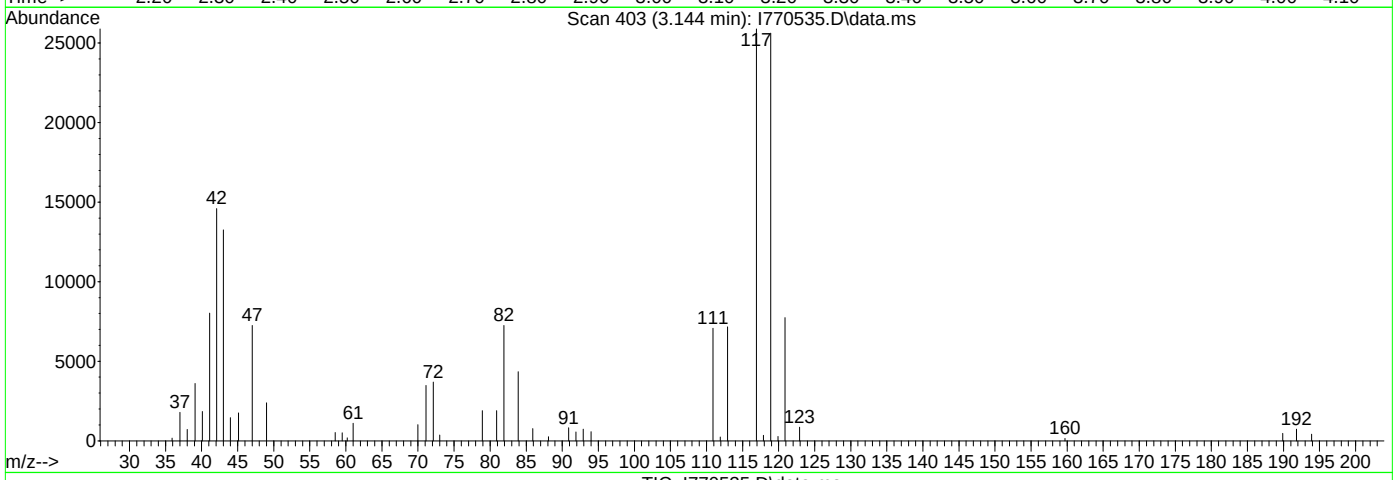
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	98.98
120.90	29.40	29.93
81.90	25.70	27.97

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 40.51ug/L m

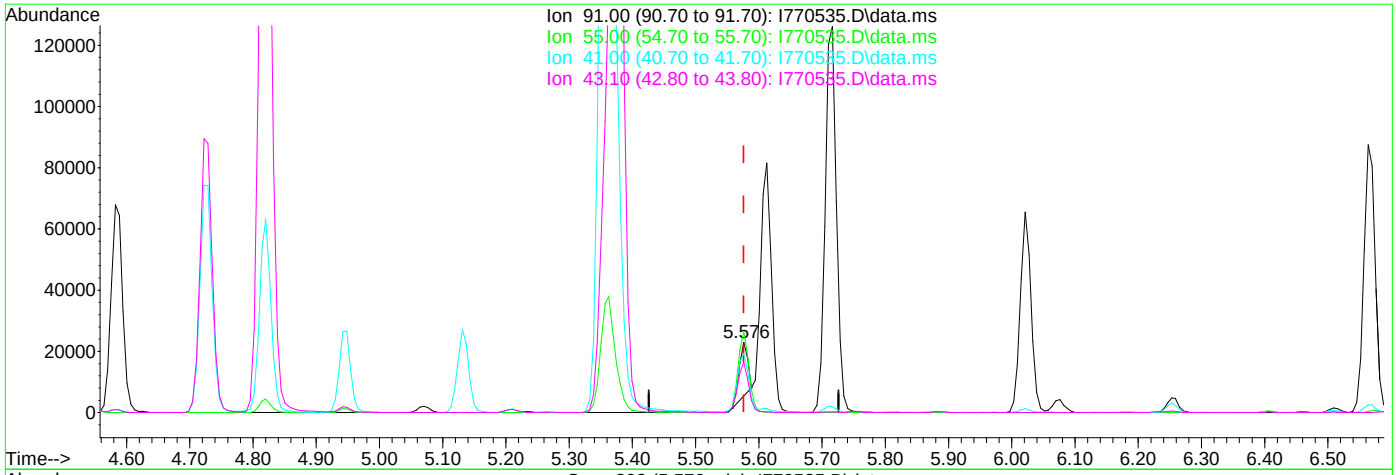
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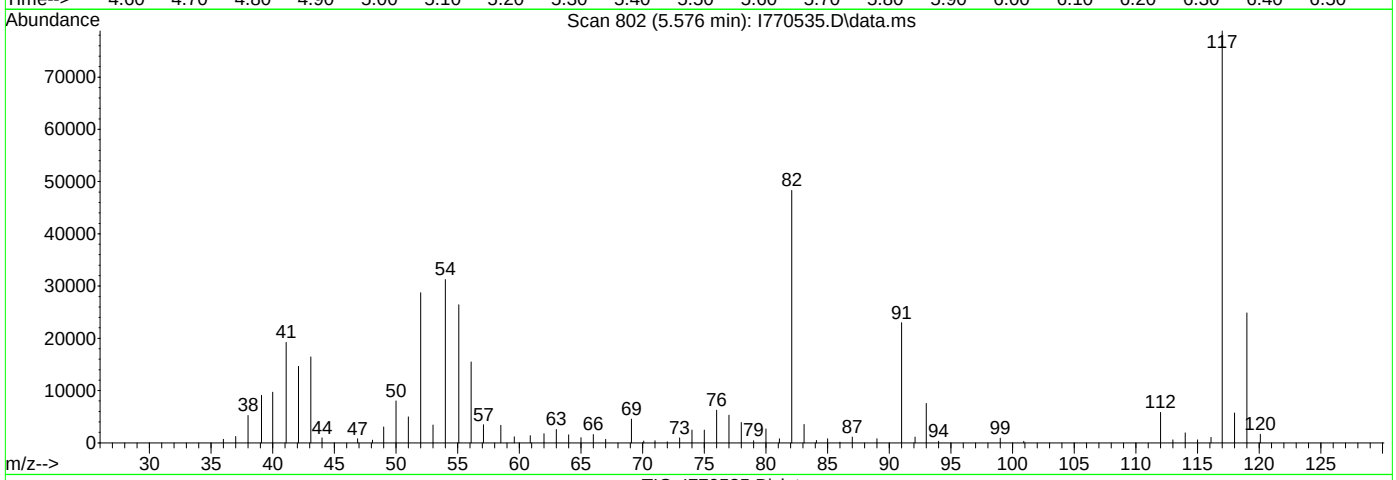
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	98.98
120.90	29.40	29.93
81.90	25.70	27.97

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 23.50ug/L

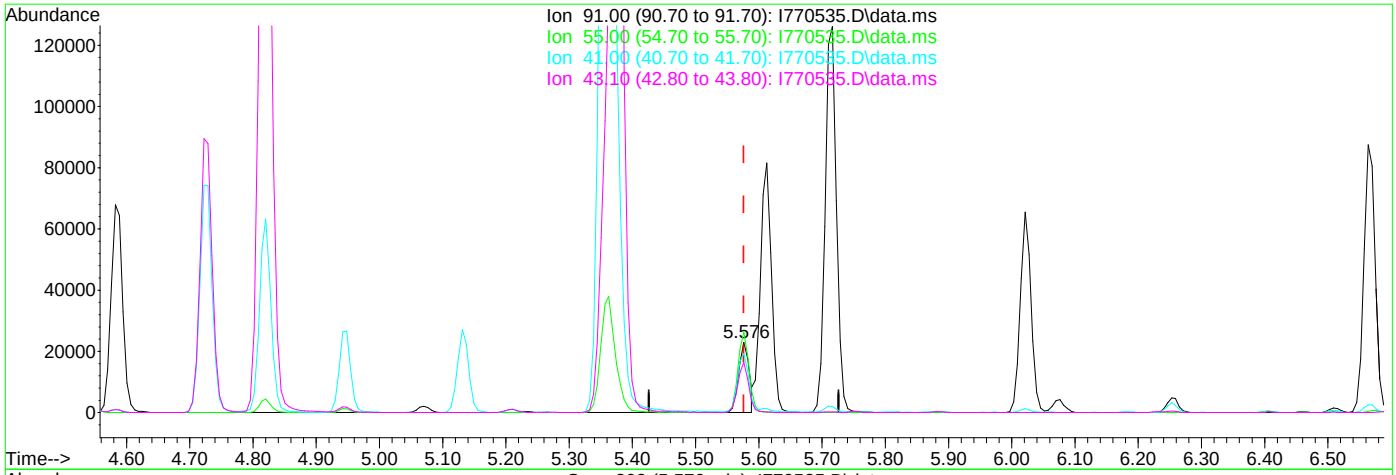
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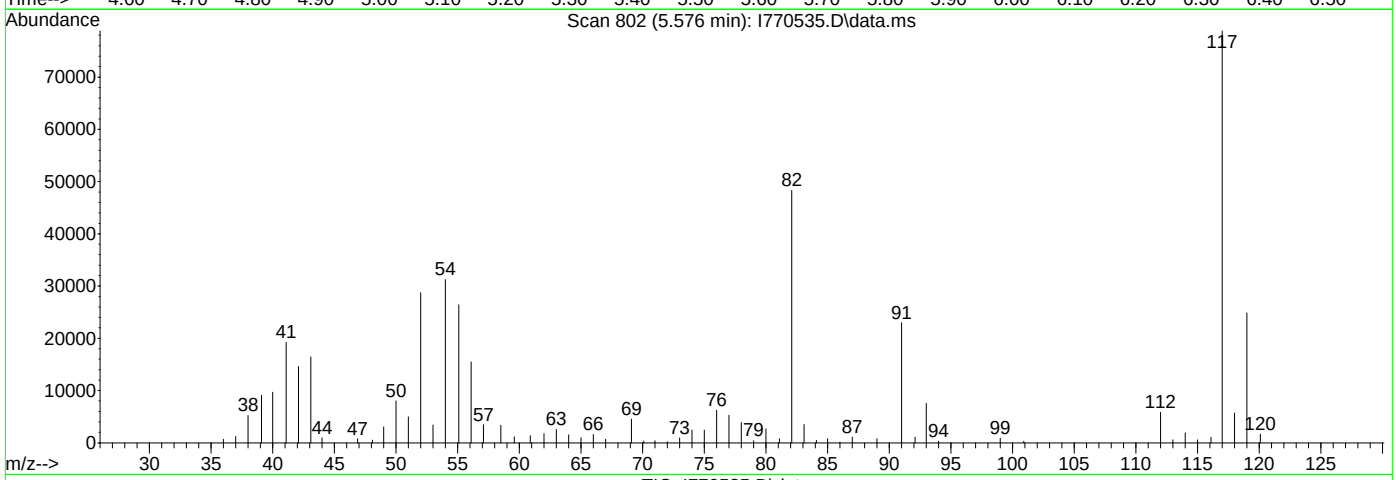
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	113.04#
41.00	64.20	80.94
43.10	52.80	68.99

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 34.96ug/L m

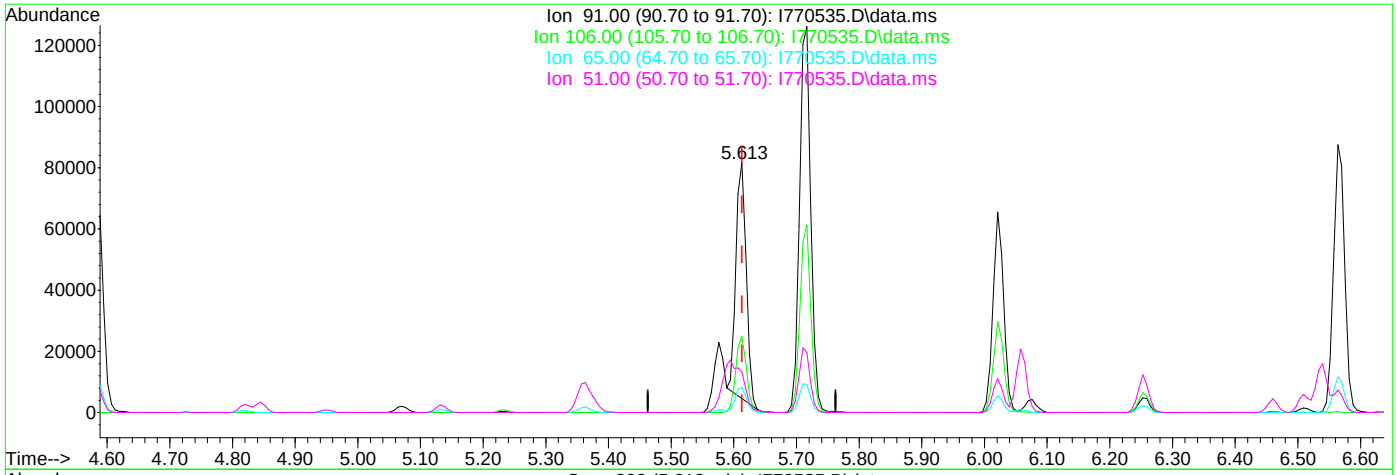
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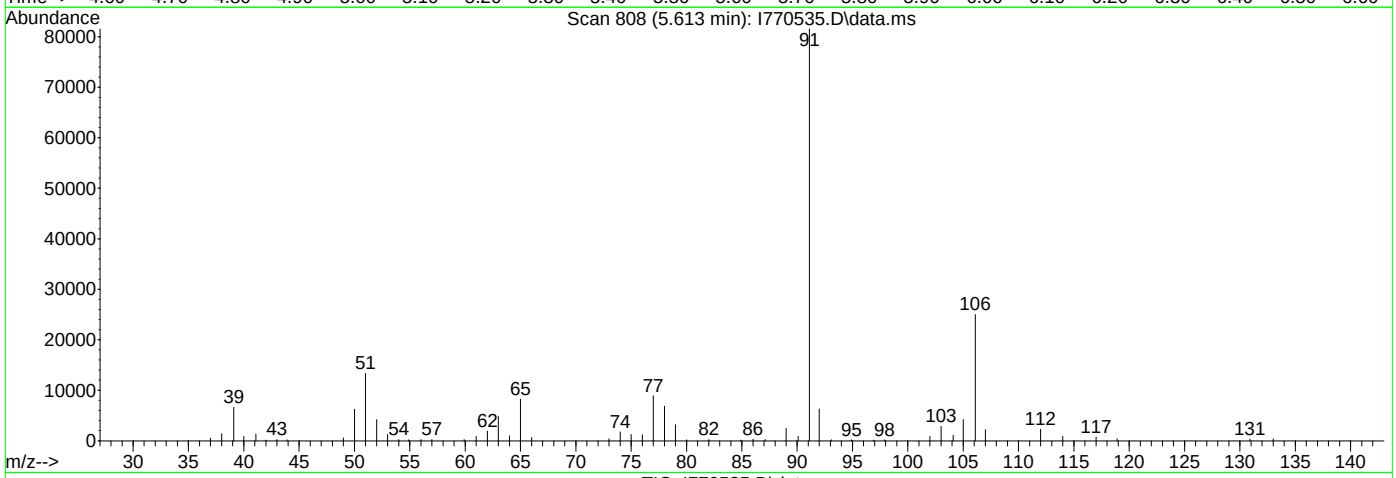
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	114.94#
41.00	64.20	83.73
43.10	52.80	71.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 33.78ug/L

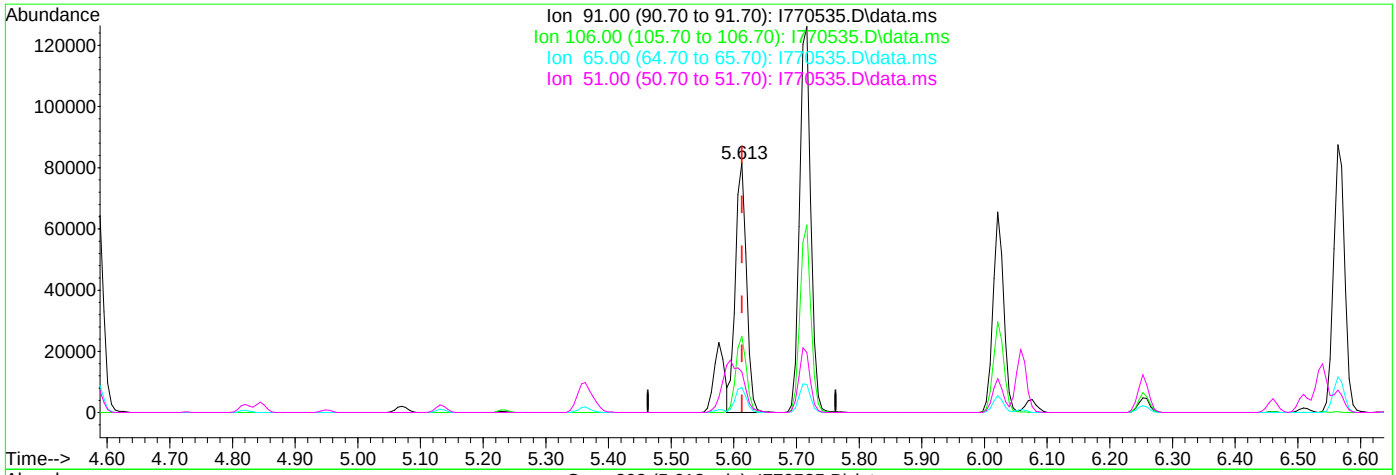
response 86444

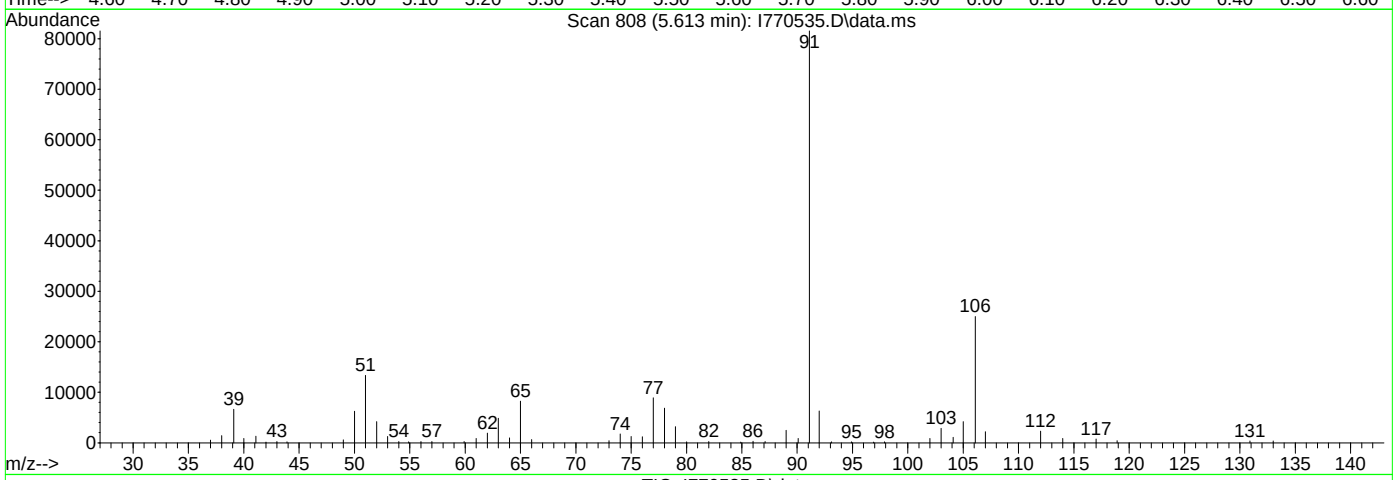
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.56
65.00	9.50	10.00
51.00	11.40	15.62

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\04-08-25\
Data File : I770535.D
Acq On : 8 Apr 2025 7:56 am
Operator : jeniferw
Sample : CC3517-5 Inst : VOA16-MSI
Misc : MS58824,VI3526,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 08 08:08:26 2025
Quant Method : C:\msdchem\1\methods\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration





TIC: I770535.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 39.14ug/L m

response 100178

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.63
65.00	9.50	10.09
51.00	11.40	16.36

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770564.d
Acq On : 8 Apr 2025 4:07 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 08 15:31:29 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	152043	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	106927	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	58615	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	46626	50.95	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.90%			
49) 1,2-Dichloroethane-d4	3.461	65	68297	53.70	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 107.40%			
63) Toluene-d8	4.552	98	146330	48.45	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.90%			
86) 4-Bromofluorobenzene	6.466	174	43919	50.55	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	30312	45.1324	ug/L	97
3) Chloromethane	1.205	50	39586	45.2448	ug/L	99
4) 1,3-butadiene	1.272	39	37703	45.1269	ug/L	95
5) Vinyl Chloride	1.260	62	32641	45.3144	ug/L	97
6) Bromomethane	1.455	94	11924	33.7496	ug/L	95
7) Chloroethane	1.516	64	15004	44.8759	ug/L	93
8) Trichlorofluoromethane	1.595	101	43545	43.3828	ug/L	96
9) Ethyl Ether	1.790	59	31548	38.5226	ug/L	85
10) Ethanol	1.882	45	27954	854.4746	ug/L	84
11) 1,2-Dichlorotrifluoroe...	1.888	67	28763	37.8462	ug/L	97
12) 1,1-Dichloroethene	1.894	61	48838	37.9881	ug/L	94
13) Freon 113	1.912	101	22540	38.4686	ug/L	93
14) Carbon Disulfide	1.912	76	69762	36.2849	ug/L	87
15) Iodomethane	1.973	142	23749	38.2949	ug/L	92
16) Acrolein	2.083	56	60955	190.7126	ug/L	100
17) Allyl chloride	2.150	41	56285	39.2208	ug/L	89
18) Methylene Chloride	2.211	49	54804	37.7904	ug/L	79
19) Acetone	2.241	43	124321	189.1874	ug/L	97
20) Methyl acetate	2.302	43	384897	221.0014	ug/L	91
21) trans-1,2-Dichloroethene	2.296	61	45427	38.1919	ug/L	90
22) Hexane	2.339	56	27837	36.5766	ug/L #	76
23) Methyl Tert Butyl Ether	2.363	73	78406	38.1918	ug/L #	63
24) Acetonitrile	2.491	41	82710	332.5591	ug/L	98
25) Tert Butyl Alcohol	2.412	59	153460	363.4871	ug/L	78
26) Di-isopropyl ether	2.558	45	117469	38.5467	ug/L	94
27) Chloroprene	2.656	53	133248	37.3263	ug/L	82
28) 1,1-Dichloroethane	2.626	63	49439	38.2839	ug/L	98
29) Acrylonitrile	2.656	52	105931	183.3634	ug/L #	68
30) ETBE	2.754	59	101855	39.3617	ug/L	92
31) Vinyl acetate	2.754	43	512138	192.5237	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	22004	38.4547	ug/L	86
33) 2,2-Dichloropropane	2.979	77	35007	36.7209	ug/L	98
34) Bromochloromethane	3.028	128	11600	40.3801	ug/L #	68
35) Cyclohexane	3.034	56	51839	39.2741	ug/L #	87
36) Chloroform	3.064	83	43902	38.0024	ug/L	95
37) Ethyl acetate	3.119	43	364235	189.1834	ug/L	94
38) Tetrahydrofuran	3.156	42	29326	37.7451	ug/L	91
40) Carbon Tetrachloride	3.144	117	31316	34.4755	ug/L	97
41) 1,1,1-Trichloroethane	3.180	97	37772	38.8498	ug/L	98
42) 2-Butanone	3.229	43	217857	188.7396	ug/L	87
43) 1,1-Dichloropropene	3.247	75	27198	38.6447	ug/L	88
44) tert-Butyl formate	3.308	59	175105	208.7784	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770564.d
Acq On : 8 Apr 2025 4:07 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 08 15:31:29 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	121504	399.1105	ug/L	#	42
46) Methacrylonitrile	3.406	41	382922	404.5386	ug/L		96
47) Benzene	3.388	78	81290	36.8861	ug/L		61
48) TAME	3.442	73	68269	39.4708	ug/L	#	78
50) 1,2-Dichloroethane	3.497	62	45111	39.7253	ug/L		94
51) Isobutyl Alcohol	3.442	43	29885	771.3124	ug/L		76
52) Tert Amyl Alcohol	3.552	59	124329	388.2937	ug/L		85
53) Trichloroethene	3.711	95	23045	37.3211	ug/L		98
54) Methylcyclohexane	3.711	83	29754	38.5623	ug/L	#	72
55) Dibromomethane	3.961	93	16947	38.4014	ug/L		97
56) 1,2-Dichloropropane	4.022	63	26270	38.0735	ug/L		93
57) Bromodichloromethane	4.052	83	33281	37.9838	ug/L	#	95
58) Methyl methacrylate	4.137	41	43108	40.8011	ug/L		84
59) 1,4-Dioxane	4.180	88	13407	827.4265	ug/L		74
60) 2-Chloroethyl vinyl ether	4.393	63	119475	204.8032	ug/L		83
61) cis-1,3-Dichloropropene	4.436	75	36925	38.1691	ug/L		87
64) Toluene	4.589	91	85199	37.7560	ug/L		98
65) 2-Nitropropane	4.729	41	93263	196.3284	ug/L		95
66) 4-Methyl-2-pentanone	4.820	43	348220	200.7070	ug/L		96
67) trans-1,3-Dichloropropene	4.851	75	37532	38.5894	ug/L		93
68) Tetrachloroethene	4.839	166	22509	39.9853	ug/L		96
69) Ethyl methacrylate	4.948	69	31389	39.5628	ug/L	#	72
70) 1,1,2-Trichloroethane	4.954	83	17612	37.2579	ug/L		82
71) Dibromochloromethane	5.076	129	26000	38.0719	ug/L		97
72) 1,3-Dichloropropane	5.137	76	36306	38.1868	ug/L		83
73) 1,2-Dibromoethane	5.235	107	24396	38.2313	ug/L		97
74) 3,3-Dimethyl-1-Butanol	5.363	57	710596	2149.2682	ug/L		84
75) 2-hexanone	5.381	43	415357	206.3763	ug/L		81
76) 1-Chlorohexane	5.582	91	19403	25.7691	ug/L	#	78
77) Ethylbenzene	5.613	91	85294	33.7499	ug/L		95
78) Chlorobenzene	5.594	112	56165	37.6626	ug/L		95
79) 1,1,1,2-Tetrachloroethane	5.637	131	22083	36.6767	ug/L		96
80) m,p-Xylene	5.716	91	151413	77.1029	ug/L		99
81) o-Xylene	6.027	91	74826	39.6847	ug/L		99
82) Styrene	6.064	104	55693	39.3865	ug/L		94
83) Bromoform	6.082	173	19073	37.4320	ug/L		97
84) Isopropylbenzene	6.259	105	88312	39.7948	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	18315	35.1290	ug/L	#	72
88) n-Propylbenzene	6.570	91	106936	39.2835	ug/L		100
89) Bromobenzene	6.539	156	24274	38.4947	ug/L	#	90
90) 1,1,2,2-Tetrachloroethane	6.619	83	34831	37.2256	ug/L		96
91) 1,3,5-Trimethylbenzene	6.722	105	75819	41.1189	ug/L		98
92) 2-Chlorotoluene	6.686	91	59122	38.8783	ug/L		94
93) trans-1,4-Dichloro-2-B...	6.753	53	14356	30.1992	ug/L		84
94) 1,2,3-Trichloropropane	6.716	110	12143	39.8704	ug/L		91
95) Cyclohexanone	6.753	55	22496	224.3707	ug/L		89
96) 4-Chlorotoluene	6.814	91	68668	39.6968	ug/L		92
97) tert-Butylbenzene	6.966	91	43480	41.6778	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	77360	40.7572	ug/L		99
99) Pentachloroethane	6.978	167	14463	40.1795	ug/L	#	3
100) sec-Butylbenzene	7.106	105	85845	40.7750	ug/L		98
101) 4-Isopropyltoluene	7.222	119	72247	41.2320	ug/L		100
102) 1,3-Dichlorobenzene	7.265	146	44293	39.1138	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	76975	40.4191	ug/L		99
104) 1,4-Dichlorobenzene	7.338	146	45767	38.0792	ug/L		98
105) n-Butylbenzene	7.539	92	39300	40.3360	ug/L		85
106) Benzyl Chloride	7.527	126	13073	37.6096	ug/L	#	89
107) 1,2-Dichlorobenzene	7.649	146	42603	39.4550	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770564.d
Acq On : 8 Apr 2025 4:07 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 08 15:31:29 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

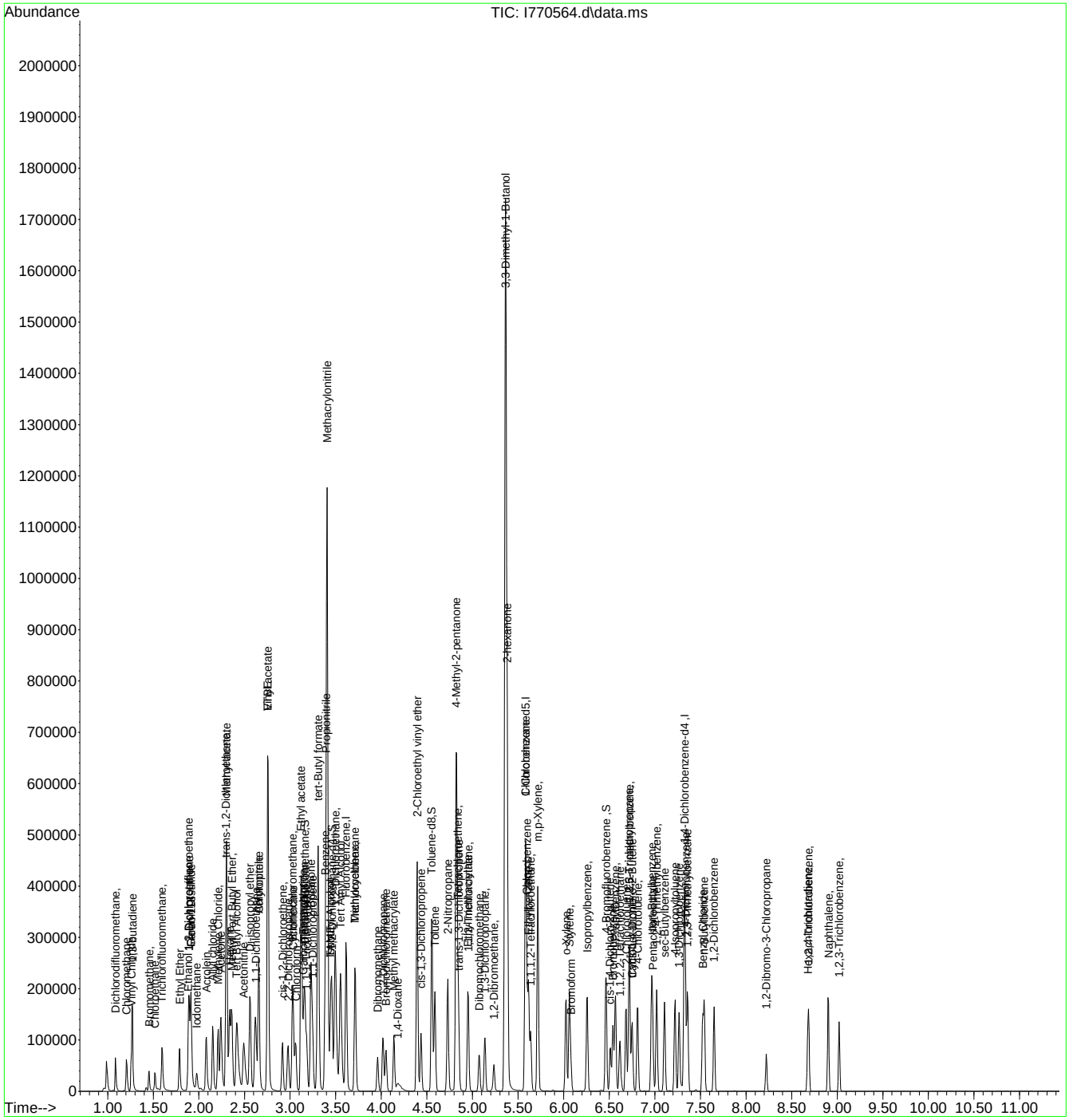
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	11656	38.6363	ug/L	95
109) Hexachlorobutadiene	8.679	225	9233	38.1444	ug/L	94
110) 1,2,4-Trichlorobenzene	8.685	180	23555	39.7146	ug/L	96
111) Naphthalene	8.905	128	89357	41.3020	ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	23340	42.4712	ug/L	94

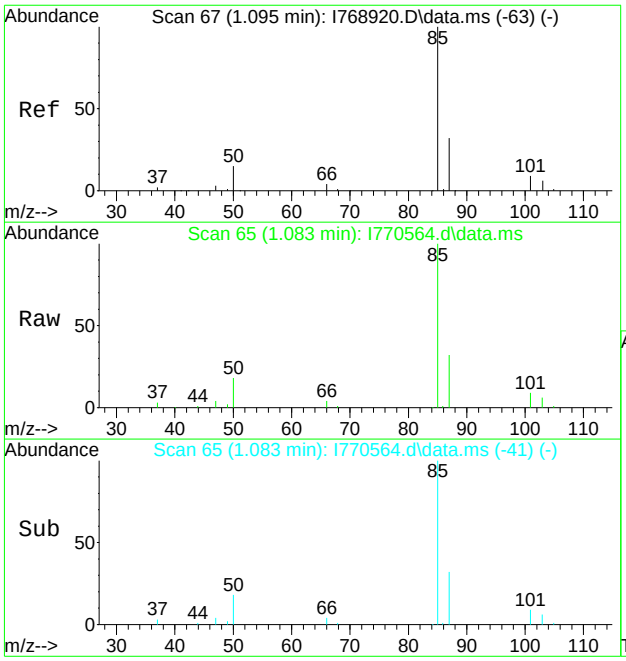
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\
Data File : I770564.d
Acq On : 8 Apr 2025 4:07 pm
Operator : jeniferw
Sample : ECC3517-5 Inst : VOA16-MSI
Misc : MS58826,VI3526,,,,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 08 15:31:29 2025
Quant Method : X:\Orlando VOA\natalil\2025\04. Apr\04082025\VI3526\METHOD\VI3517_03302025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Mar 31 06:03:02 2025
Response via : Initial Calibration

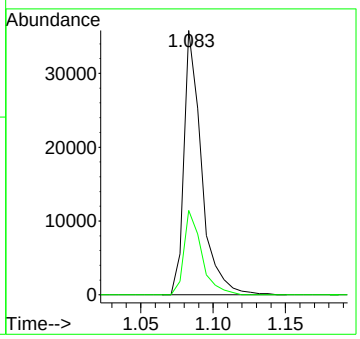


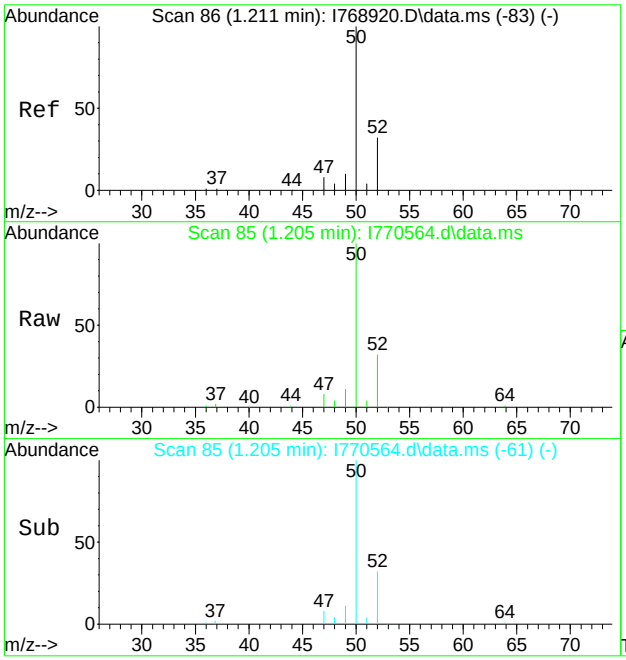


#2
Dichlorodifluoromethane
Concen: 45.1324 ug/L
RT: 1.083 min Scan# 65
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 85 Resp: 30312

Ion	Ratio	Lower	Upper
85	100		
87	31.9	3.4	63.4

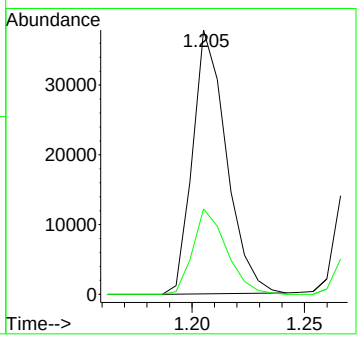


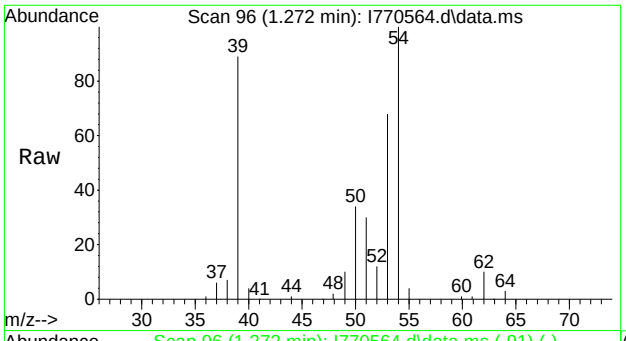


#3
Chloromethane
Concen: 45.2448 ug/L
RT: 1.205 min Scan# 85
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 50 Resp: 39586

Ion	Ratio	Lower	Upper
50	100		
52	32.3	1.8	61.8

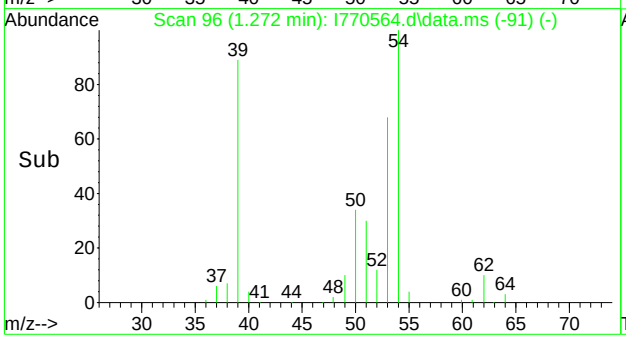


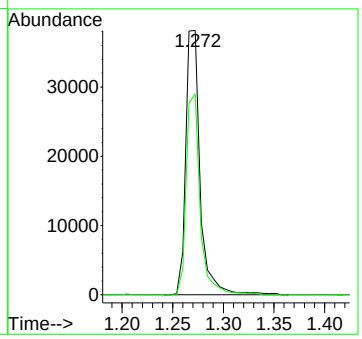


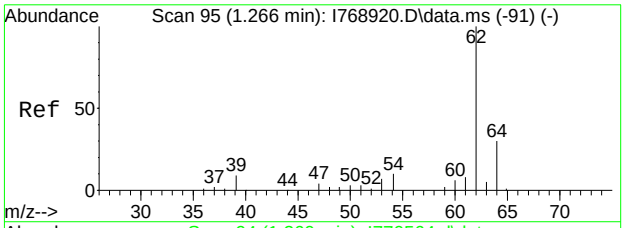
#4
1,3-butadiene
Concen: 45.1269 ug/L
RT: 1.272 min Scan# 96
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 39 Resp: 37703

Ion	Ratio	Lower	Upper
39	100		
53	76.0	52.1	92.1



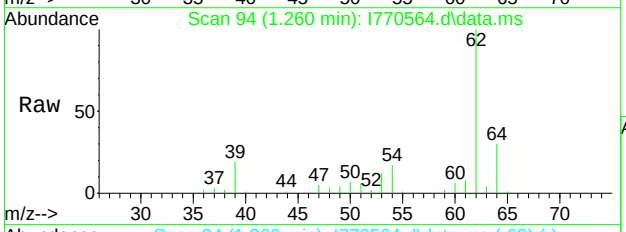


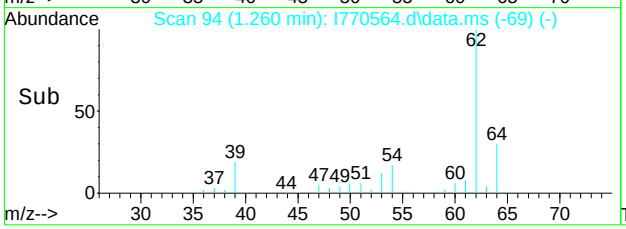


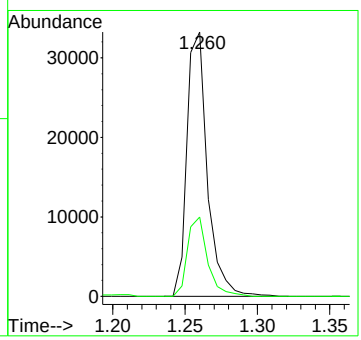
#5
Vinyl Chloride
Concen: 45.3144 ug/L
RT: 1.260 min Scan# 94
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

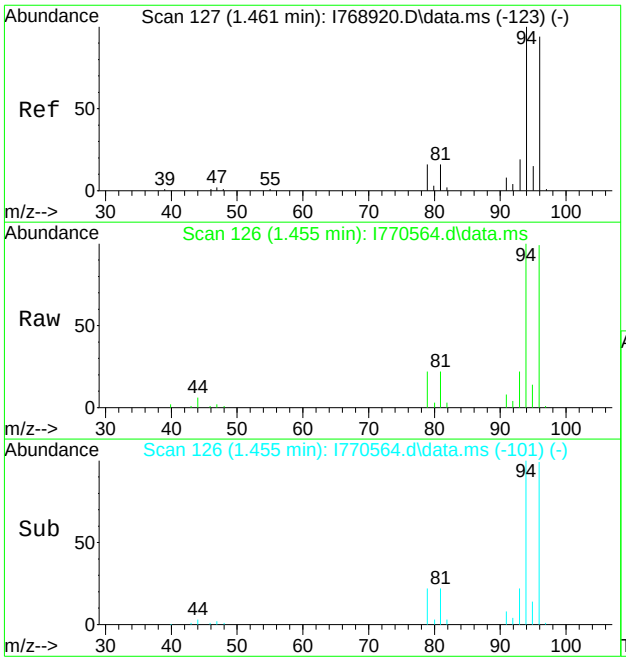
Tgt Ion: 62 Resp: 32641

Ion	Ratio	Lower	Upper
62	100		
64	30.1	1.6	61.6





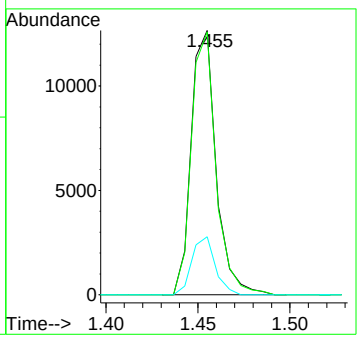


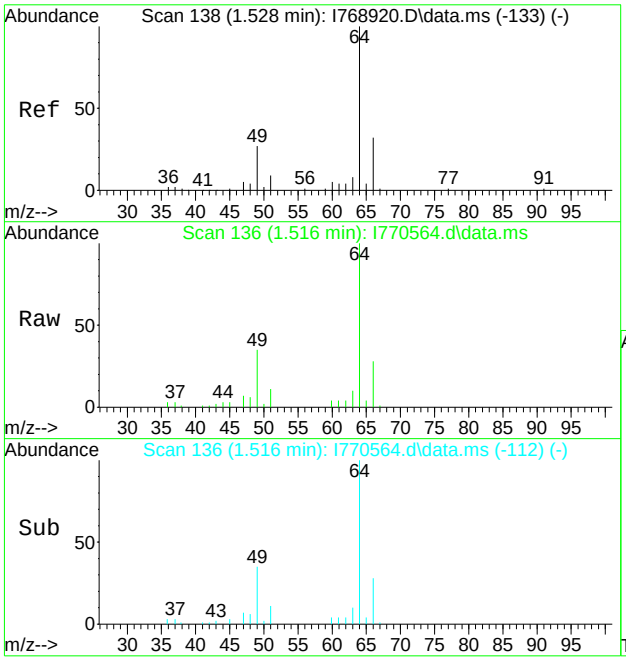


#6
Bromomethane
Concen: 33.7496 ug/L
RT: 1.455 min Scan# 126
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 94 Resp: 11924

Ion	Ratio	Lower	Upper
94	100		
96	99.4	64.0	124.0
93	21.9	0.0	51.3

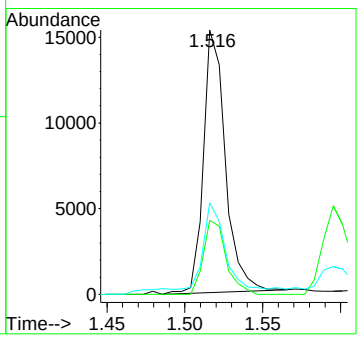


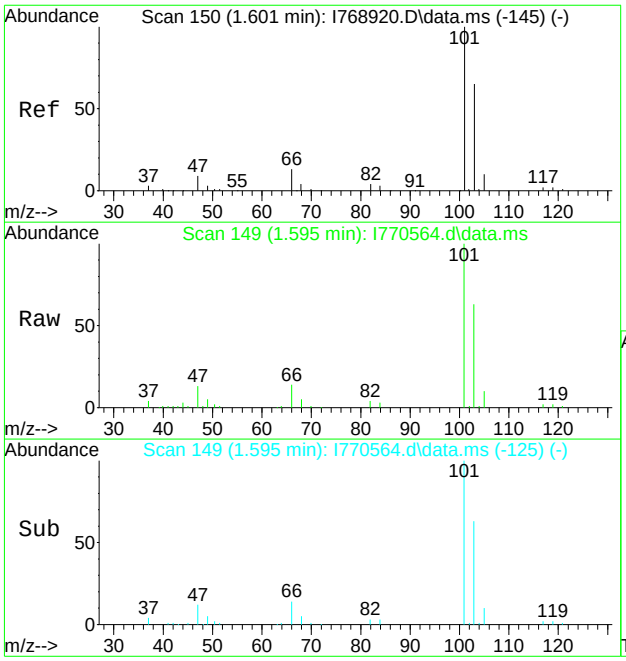


#7
Chloroethane
Concen: 44.8759 ug/L
RT: 1.516 min Scan# 136
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 64 Resp: 15004

Ion	Ratio	Lower	Upper
64	100		
66	28.0	1.7	61.7
49	32.6	0.0	58.5

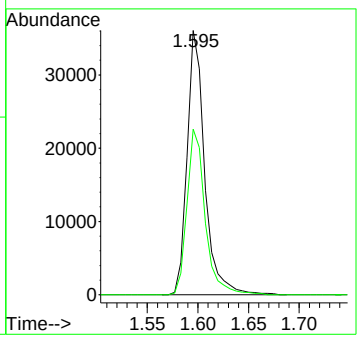


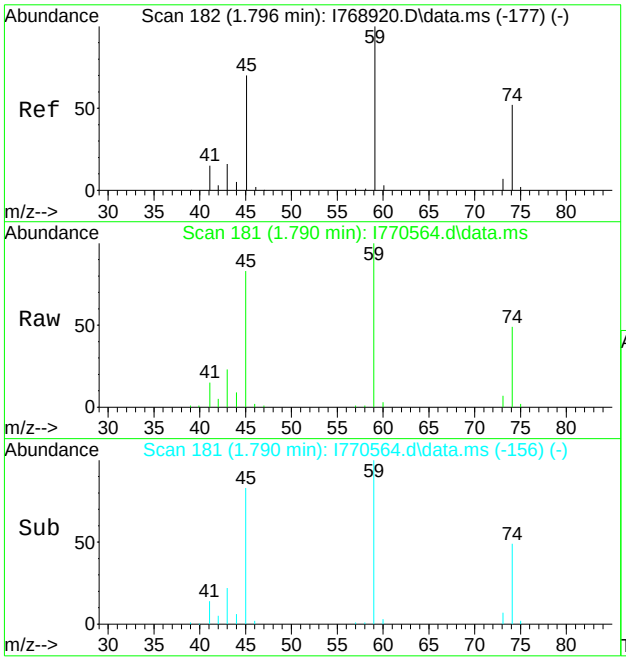


#8
Trichlorofluoromethane
Concen: 43.3828 ug/L
RT: 1.595 min Scan# 149
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:101 Resp: 43545

Ion	Ratio	Lower	Upper
101	100		
103	62.7	36.2	96.2

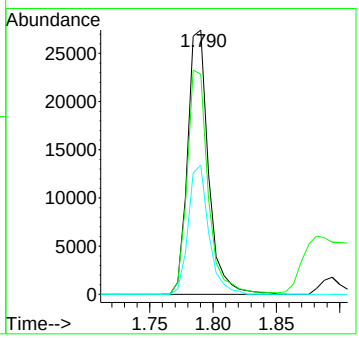


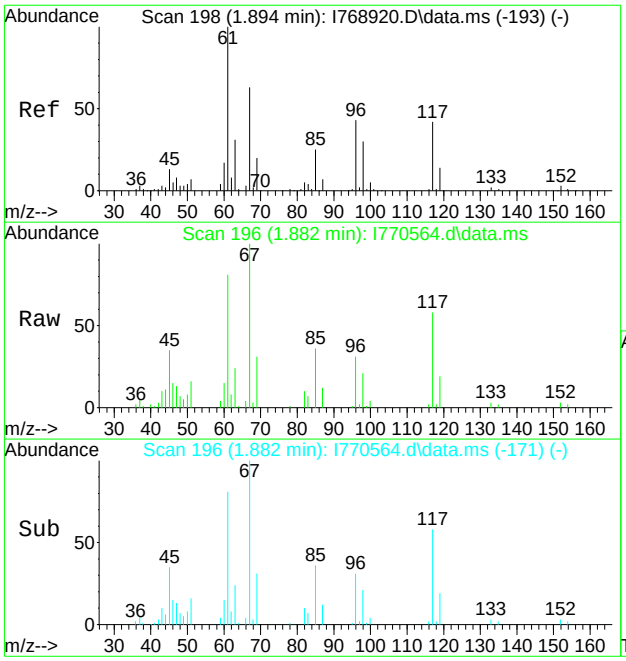


#9
Ethyl Ether
Concen: 38.5226 ug/L
RT: 1.790 min Scan# 181
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 59 Resp: 31548

Ion	Ratio	Lower	Upper
59	100		
45	83.3	54.5	94.5
74	48.9	45.8	85.8

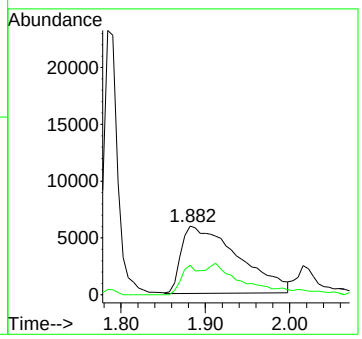


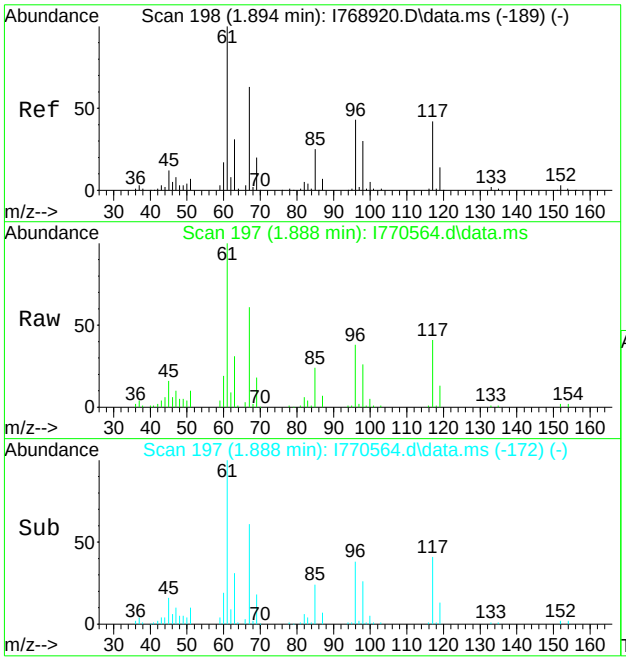


#10
Ethanol
Concen: 854.4746 ug/L
RT: 1.882 min Scan# 196
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 45 Resp: 27954

Ion	Ratio	Lower	Upper
45	100		
46	44.4	15.0	55.0

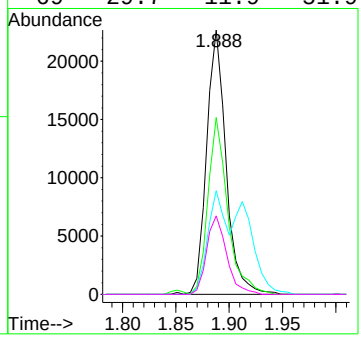


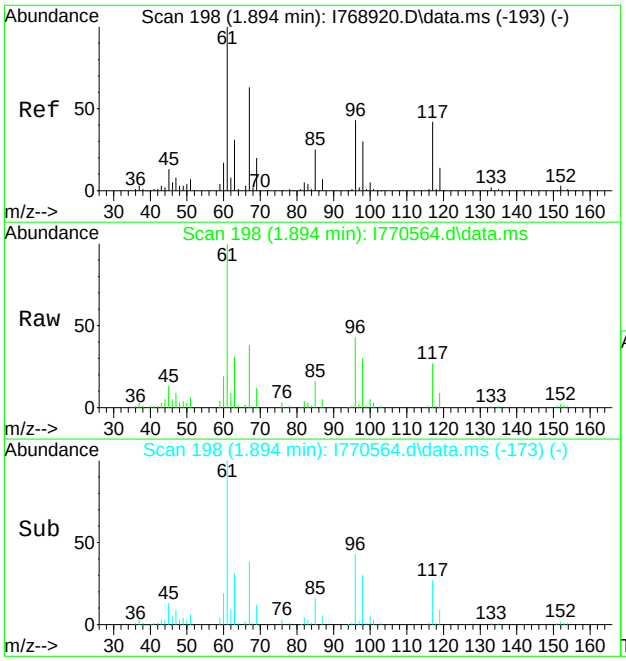


#11
1,2-Dichlorotrifluoroethane
Concen: 37.8462 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 67 Resp: 28763

Ion	Ratio	Lower	Upper
67	100		
117	66.9	44.4	84.4
85	39.3	19.8	59.8
69	29.7	11.9	51.9

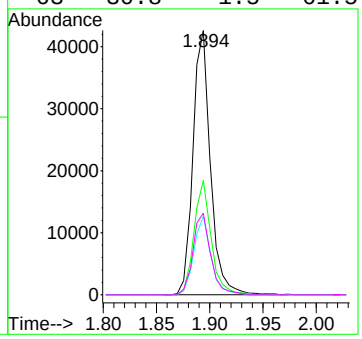


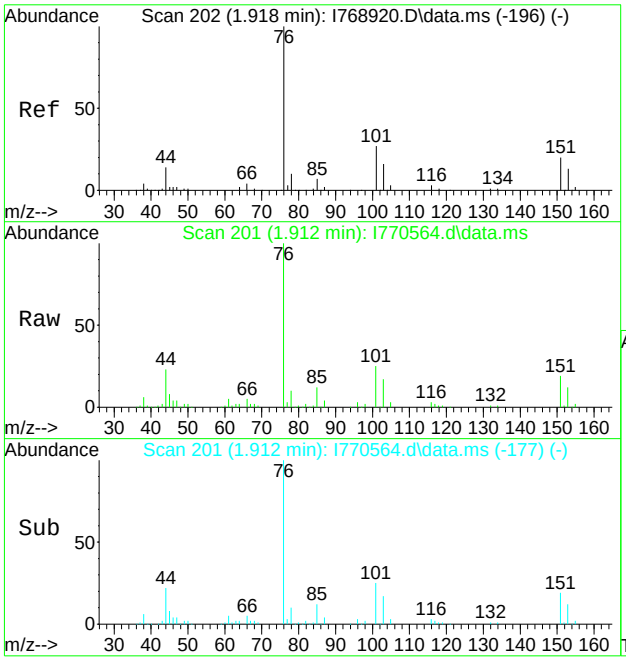


#12
1,1-Dichloroethene
Concen: 37.9881 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 61 Resp: 48838

Ion	Ratio	Lower	Upper
61	100		
96	43.3	20.8	80.8
98	29.7	2.4	62.4
63	30.8	1.5	61.5

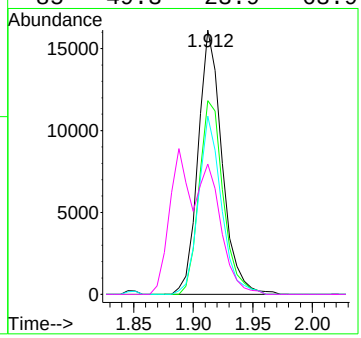


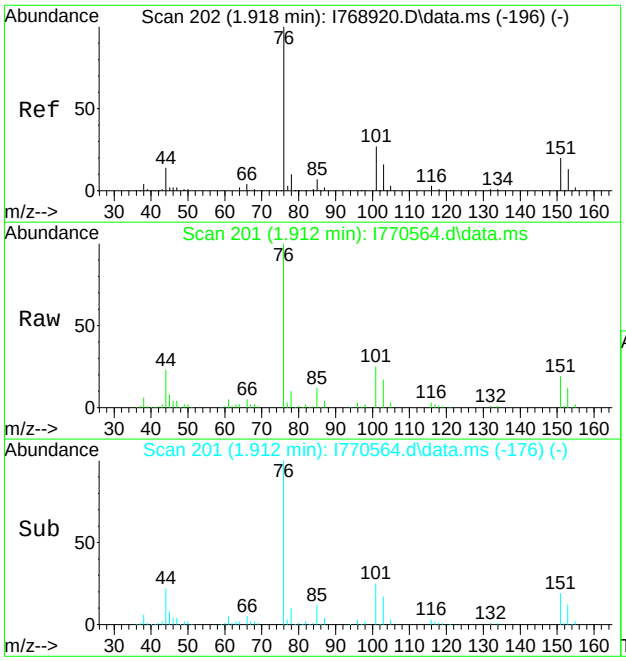


#13
Freon 113
Concen: 38.4686 ug/L
RT: 1.912 min Scan# 201
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:101 Resp: 22540

Ion	Ratio	Lower	Upper
101	100		
151	73.3	60.3	100.3
103	67.4	43.0	83.0
85	49.3	23.9	63.9

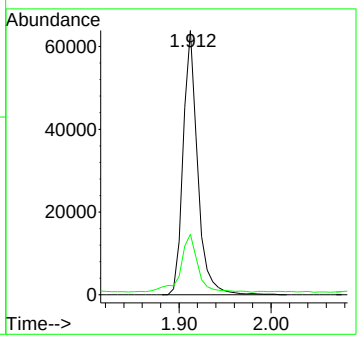


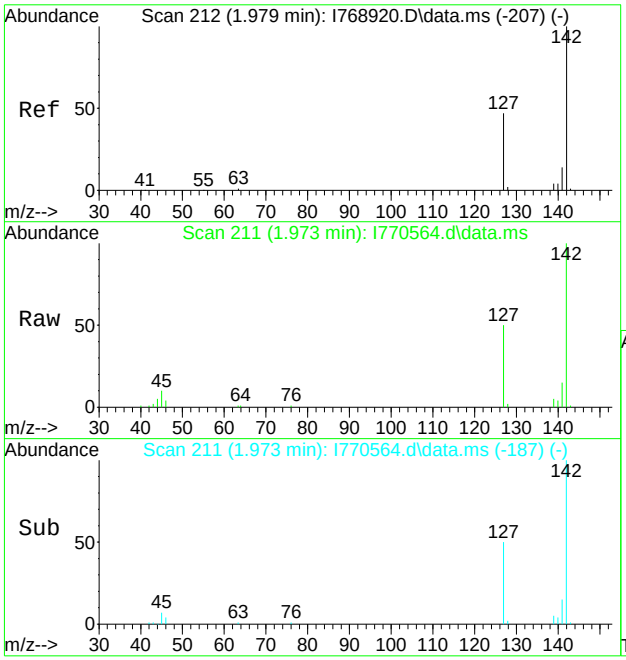


#14
Carbon Disulfide
Concen: 36.2849 ug/L
RT: 1.912 min Scan# 201
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 76 Resp: 69762

Ion	Ratio	Lower	Upper
76	100		
44	21.8	0.0	46.2

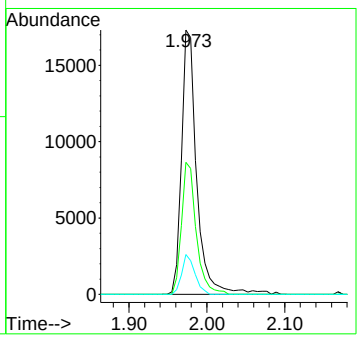


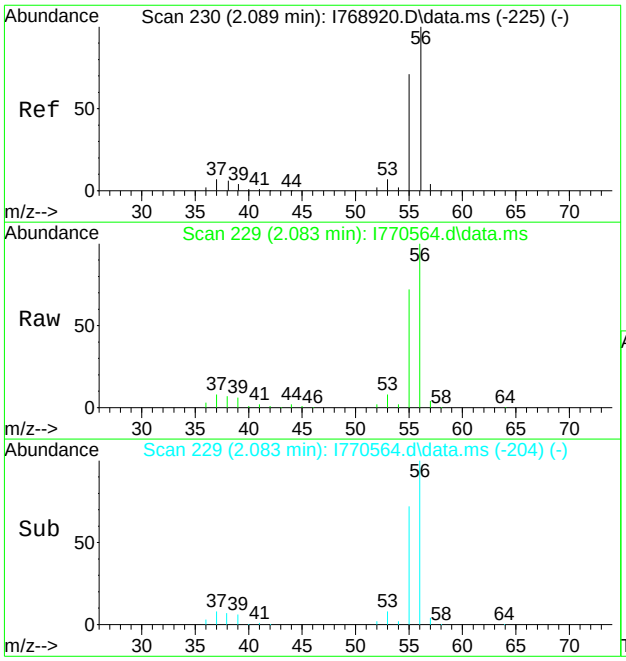


#15
Iodomethane
Concen: 38.2949 ug/L
RT: 1.973 min Scan# 211
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:142 Resp: 23749

Ion	Ratio	Lower	Upper
142	100		
127	49.9	23.5	63.5
141	15.1	0.0	34.0

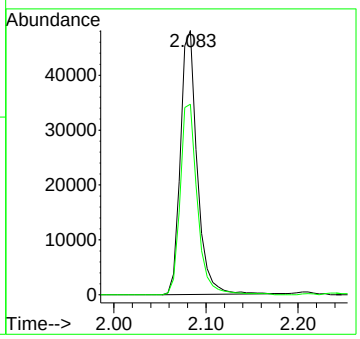


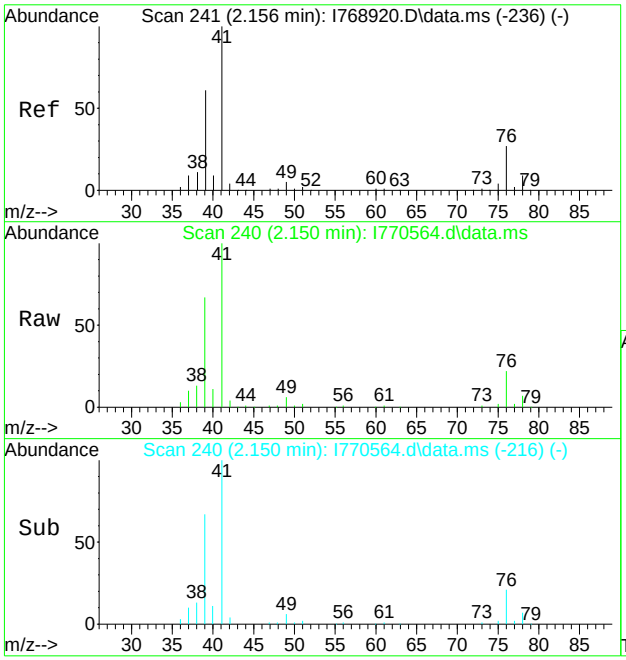


#16
Acrolein
Concen: 190.7126 ug/L
RT: 2.083 min Scan# 229
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 56 Resp: 60955

Ion	Ratio	Lower	Upper
56	100		
55	72.1	42.3	102.3

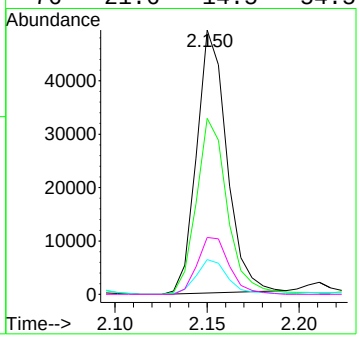


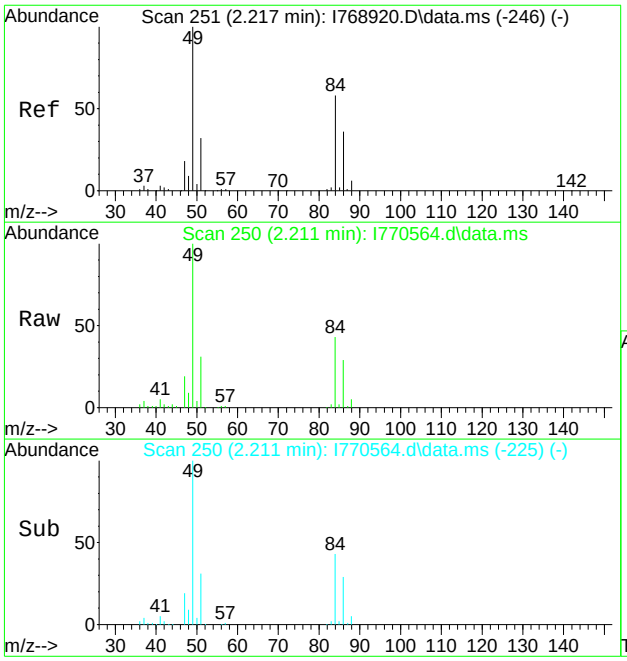


#17
Allyl chloride
Concen: 39.2208 ug/L
RT: 2.150 min Scan# 240
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 41 Resp: 56285

Ion	Ratio	Lower	Upper
41	100		
39	66.6	52.4	92.4
38	13.2	0.0	35.2
76	21.6	14.5	54.5

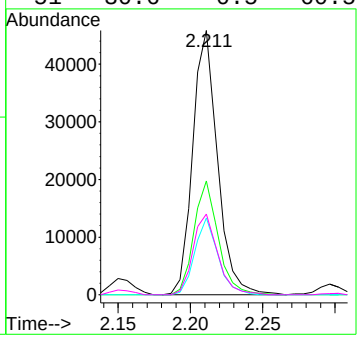


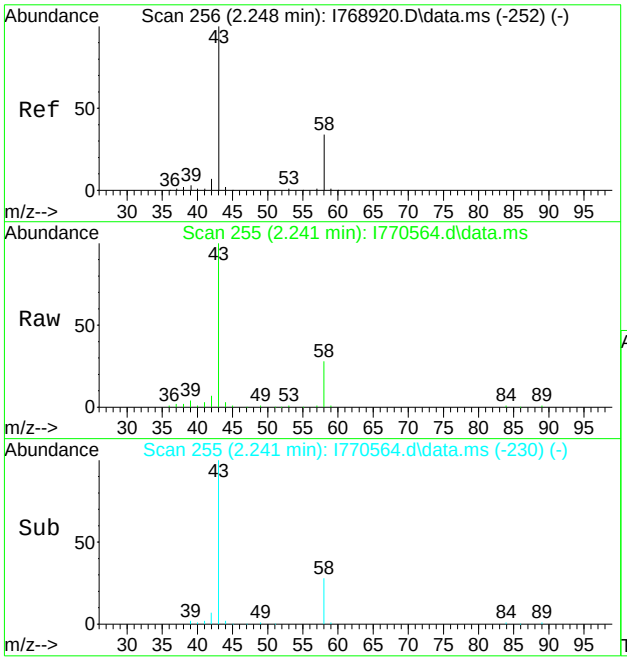


#18
Methylene Chloride
Concen: 37.7904 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 49 Resp: 54804

Ion	Ratio	Lower	Upper
49	100		
84	43.1	36.5	96.5
86	29.1	12.8	72.8
51	30.6	0.5	60.5

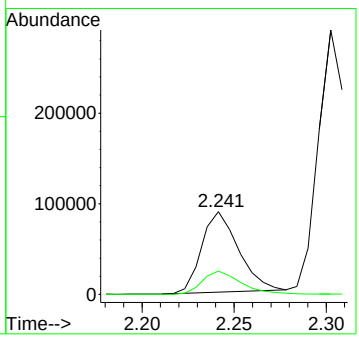


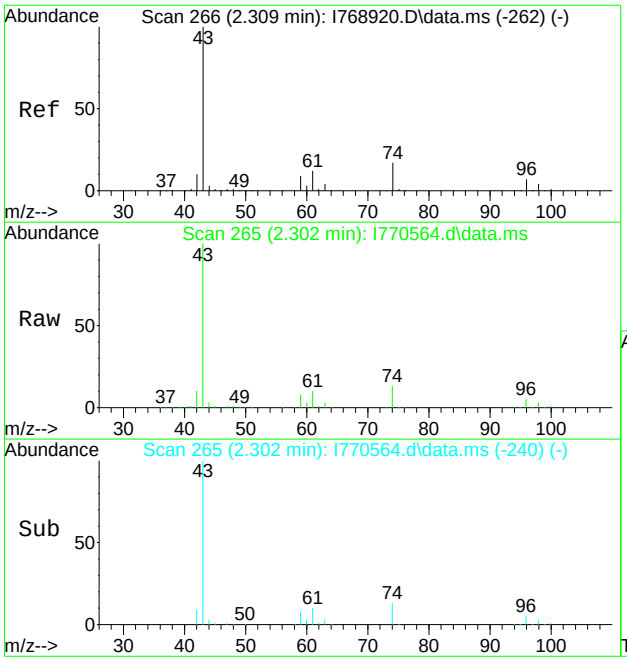


#19
Acetone
Concen: 189.1874 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 124321

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	60.0

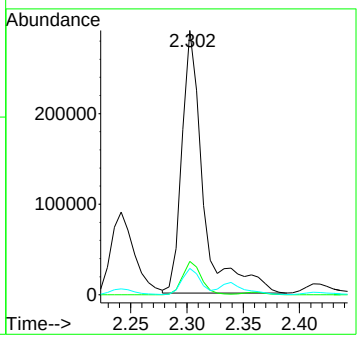


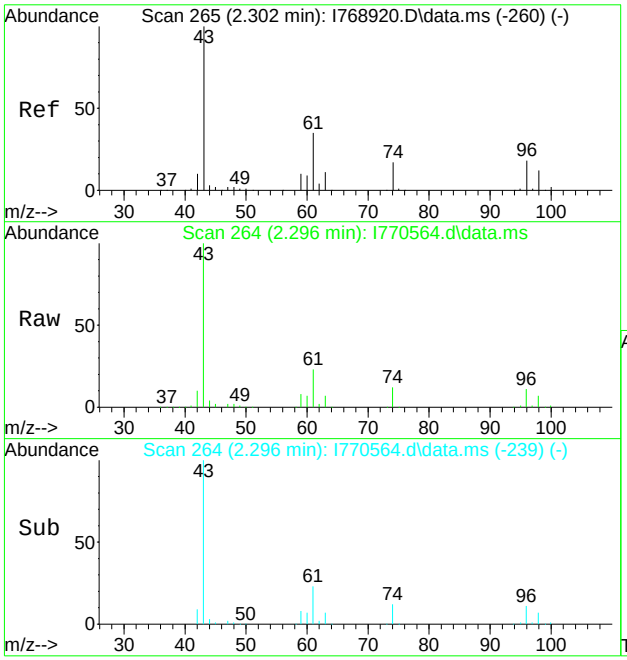


#20
Methyl acetate
Concen: 221.0014 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 384897

Ion	Ratio	Lower	Upper
43	100		
74	12.7	0.0	38.6
42	9.9	0.0	30.8

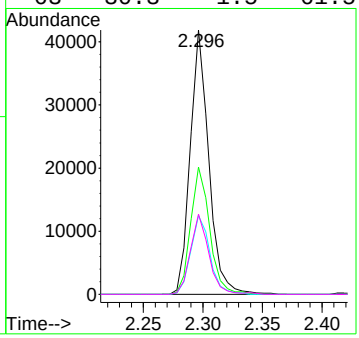


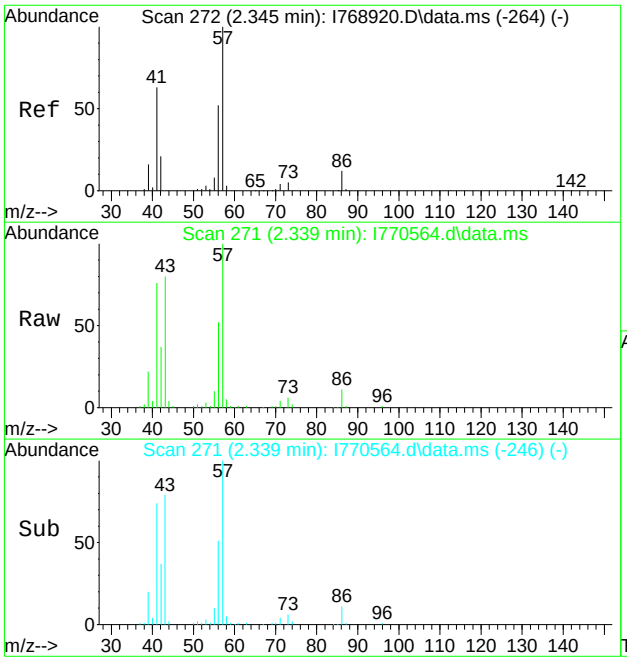


#21
trans-1,2-Dichloroethene
Concen: 38.1919 ug/L
RT: 2.296 min Scan# 264
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 61 Resp: 45427

Ion	Ratio	Lower	Upper
61	100		
96	48.1	28.4	88.4
98	29.8	5.8	65.8
63	30.3	1.5	61.5

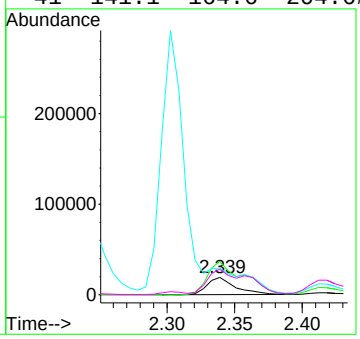


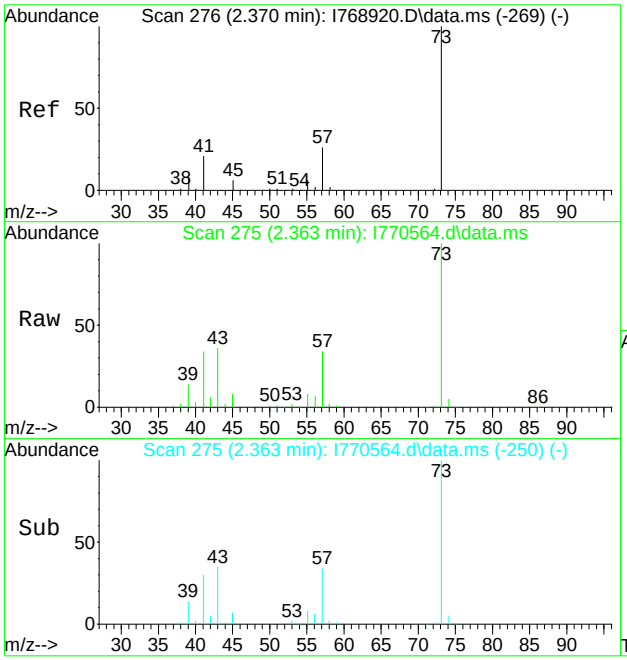


#22
Hexane
Concen: 36.5766 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 56 Resp: 27837

Ion	Ratio	Lower	Upper
56	100		
57	193.2	212.2	252.2#
43	144.2	148.9	188.9#
41	141.1	164.6	204.6#

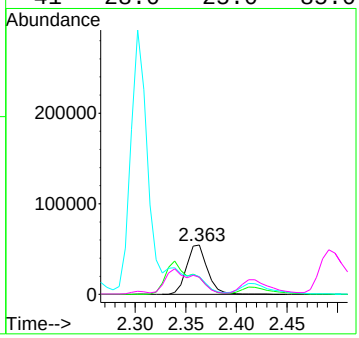


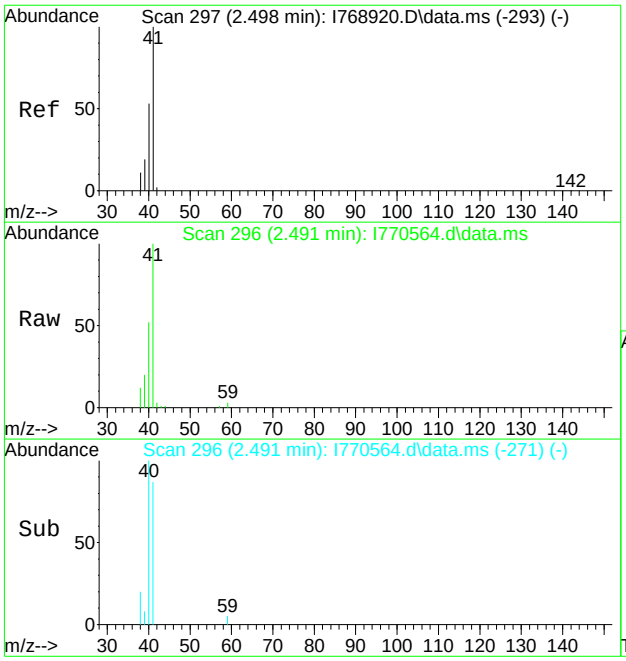


#23
Methyl Tert Butyl Ether
Concen: 38.1918 ug/L
RT: 2.363 min Scan# 275
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 73 Resp: 78406

Ion	Ratio	Lower	Upper
73	100		
57	31.2	34.2	94.2#
43	30.5	22.0	82.0
41	28.0	25.0	85.0

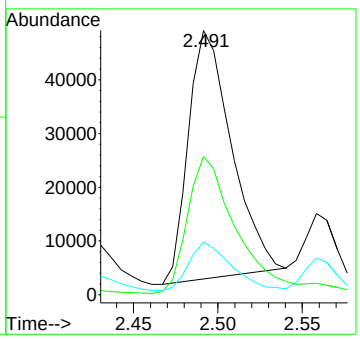


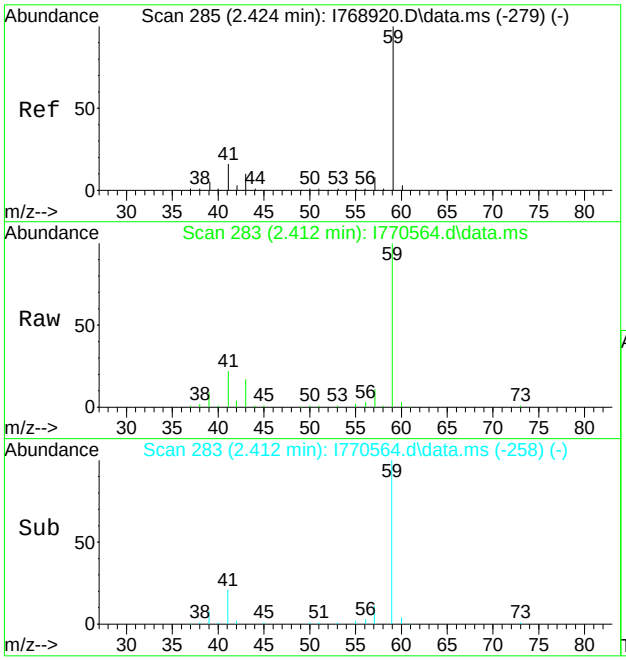


#24
Acetonitrile
Concen: 332.5591 ug/L
RT: 2.491 min Scan# 296
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 41 Resp: 82710

Ion	Ratio	Lower	Upper
41	100		
40	53.2	35.0	75.0
39	19.1	0.0	40.0

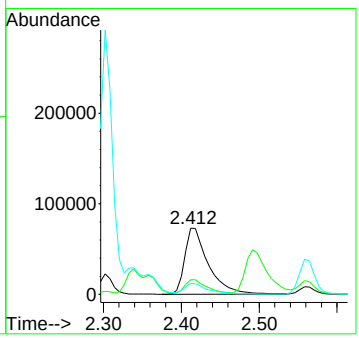


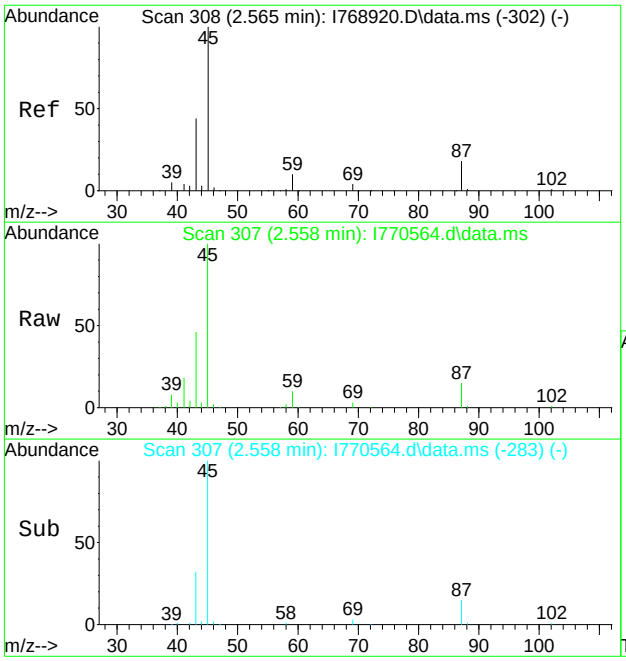


#25
Tert Butyl Alcohol
Concen: 363.4871 ug/L
RT: 2.412 min Scan# 283
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 59 Resp: 153460

Ion	Ratio	Lower	Upper
59	100		
41	15.6	8.6	48.6
43	16.1	5.3	45.3

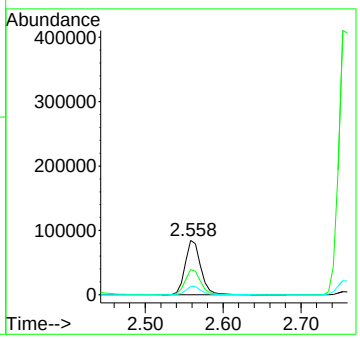


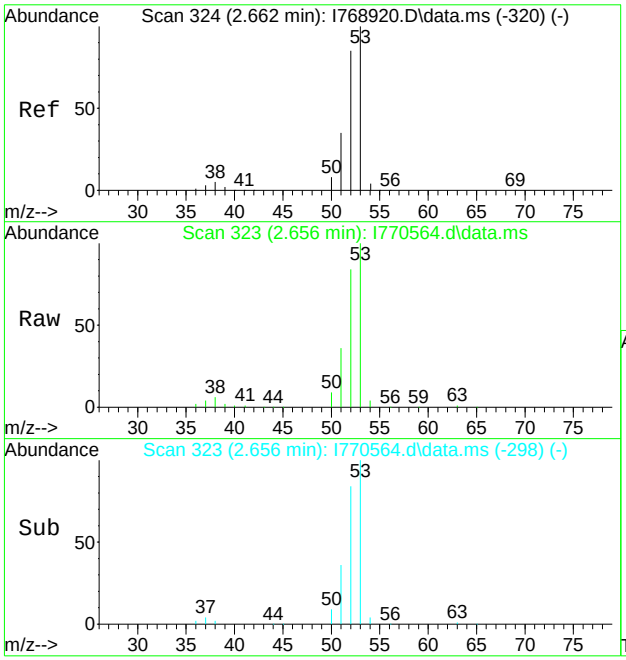


#26
Di-isopropyl ether
Concen: 38.5467 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 45 Resp: 117469

Ion	Ratio	Lower	Upper
45	100		
43	45.9	17.5	77.5
87	15.3	0.0	52.1

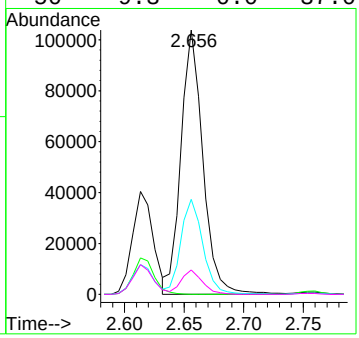


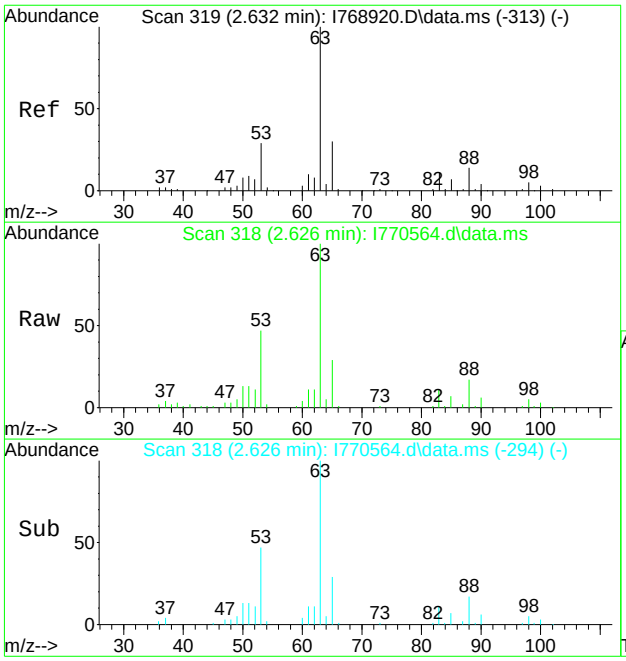


#27
Chloroprene
Concen: 37.3263 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 53 Resp: 133248

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	35.9	12.9	52.9
50	9.3	0.0	37.0

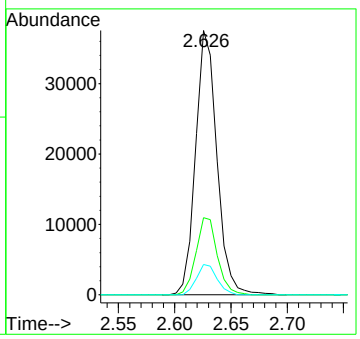


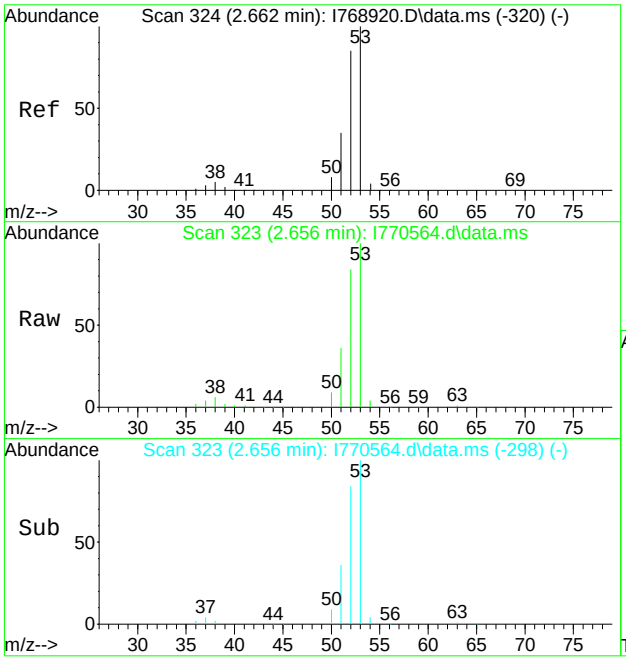


#28
1,1-Dichloroethane
Concen: 38.2839 ug/L
RT: 2.626 min Scan# 318
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 63 Resp: 49439

Ion	Ratio	Lower	Upper
63	100		
65	29.2	0.0	60.0
83	11.4	0.0	42.2

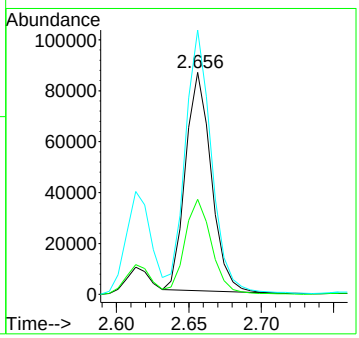


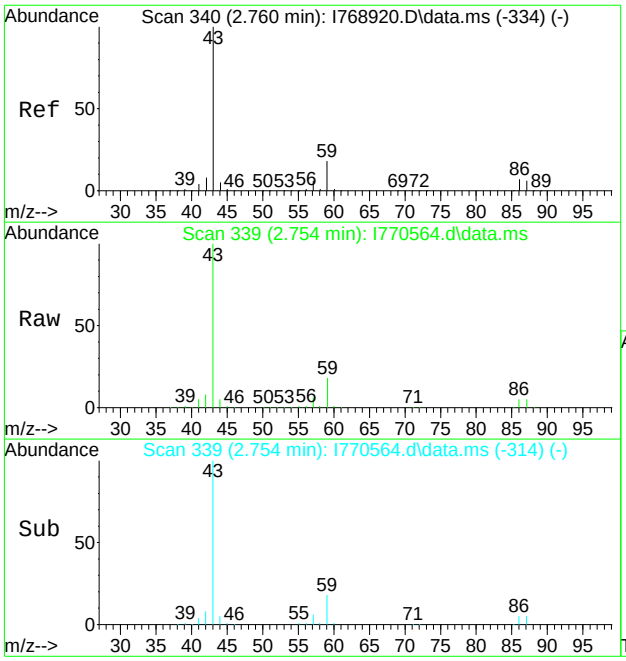


#29
Acrylonitrile
Concen: 183.3634 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 52 Resp: 105931

Ion	Ratio	Lower	Upper
52	100		
51	42.6	25.5	85.5
53	118.7	138.6	198.6#

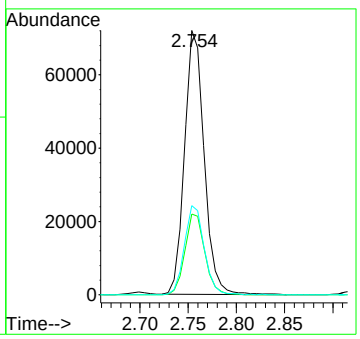


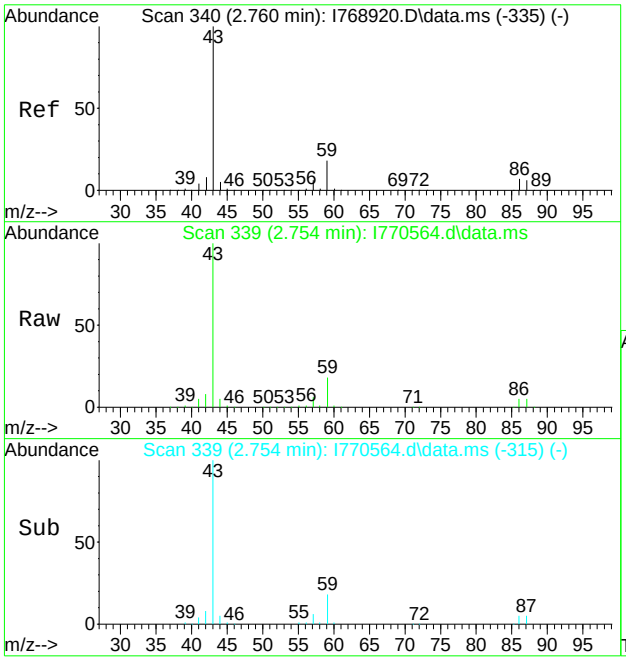


#30
ETBE
Concen: 39.3617 ug/L
RT: 2.754 min Scan# 339
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 59 Resp: 101855

Ion	Ratio	Lower	Upper
59	100		
87	30.6	17.3	57.3
57	33.7	11.2	51.2

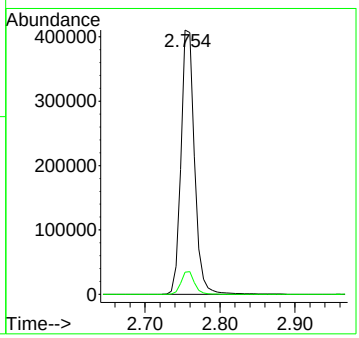


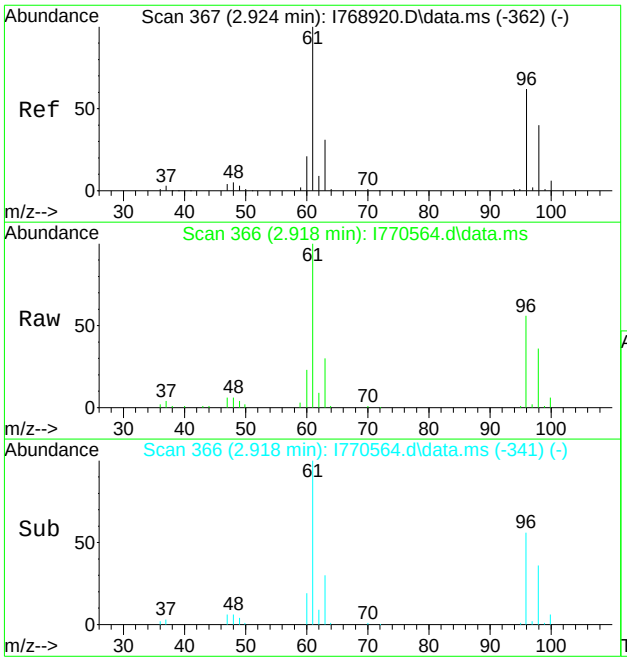


#31
Vinyl acetate
Concen: 192.5237 ug/L
RT: 2.754 min Scan# 339
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 512138

Ion	Ratio	Lower	Upper
43	100		
42	8.4	0.0	38.9

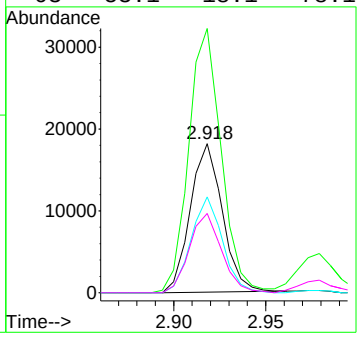


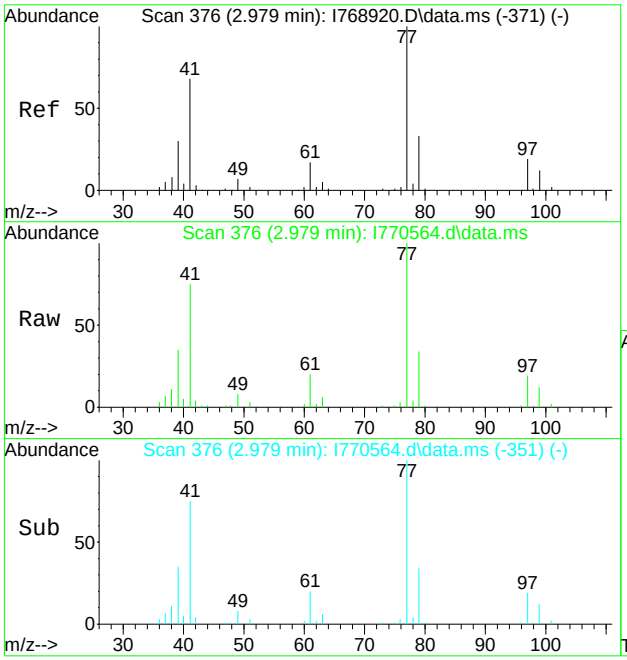


#32
cis-1,2-Dichloroethene
Concen: 38.4547 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 96 Resp: 22004

Ion	Ratio	Lower	Upper
96	100		
61	175.5	117.1	177.1
98	64.3	34.9	94.9
63	53.1	18.1	78.1

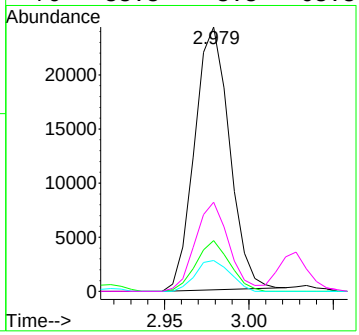


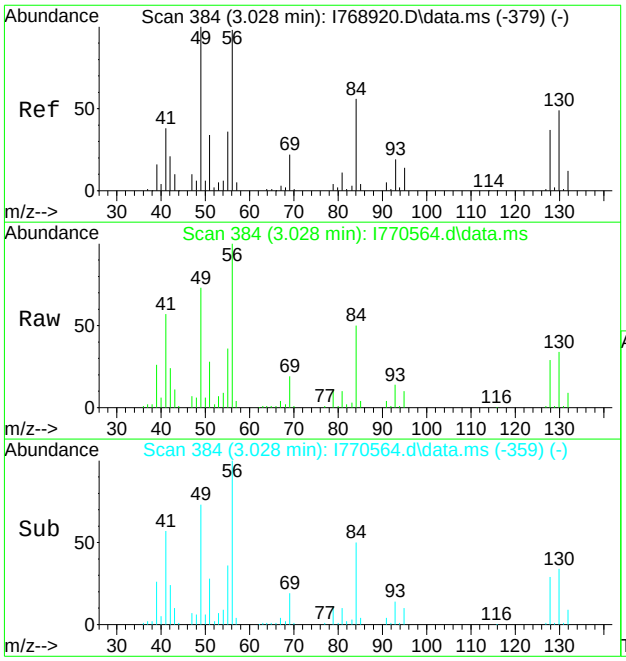


#33
2,2-Dichloropropane
Concen: 36.7209 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 77 Resp: 35007

Ion	Ratio	Lower	Upper
77	100		
97	19.2	0.0	50.9
99	11.7	0.0	43.6
79	33.8	3.3	63.3

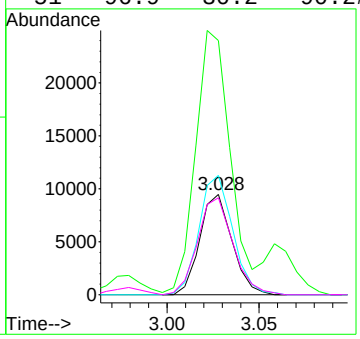


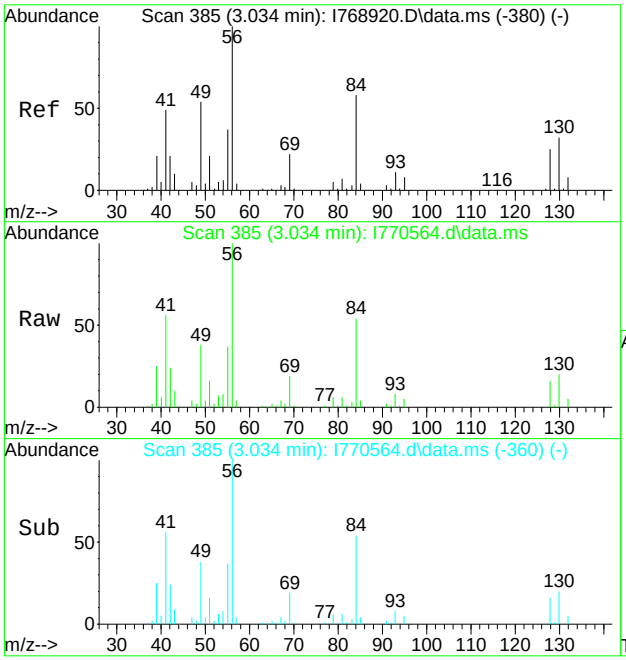


#34
Bromochloromethane
Concen: 40.3801 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:128 Resp: 11600

Ion	Ratio	Lower	Upper
128	100		
49	251.3	157.0	217.0#
130	119.2	94.7	154.7
51	96.9	30.2	90.2#

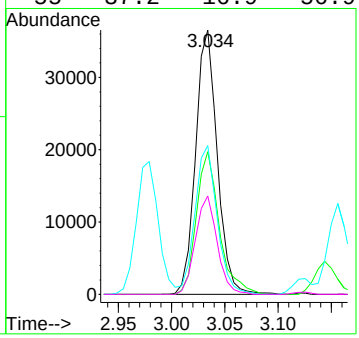


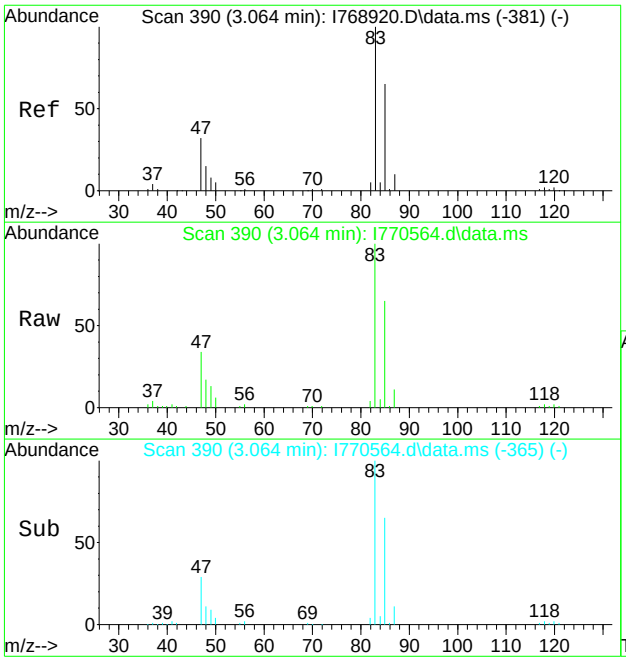


#35
Cyclohexane
Concen: 39.2741 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 56 Resp: 51839

Ion	Ratio	Lower	Upper
56	100		
84	54.0	56.7	96.7#
41	55.3	37.5	77.5
55	37.2	16.9	56.9

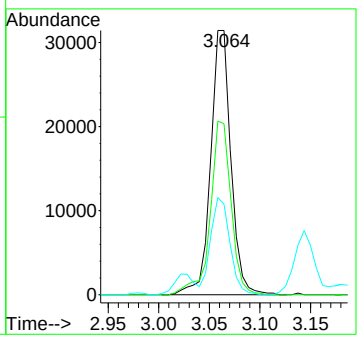


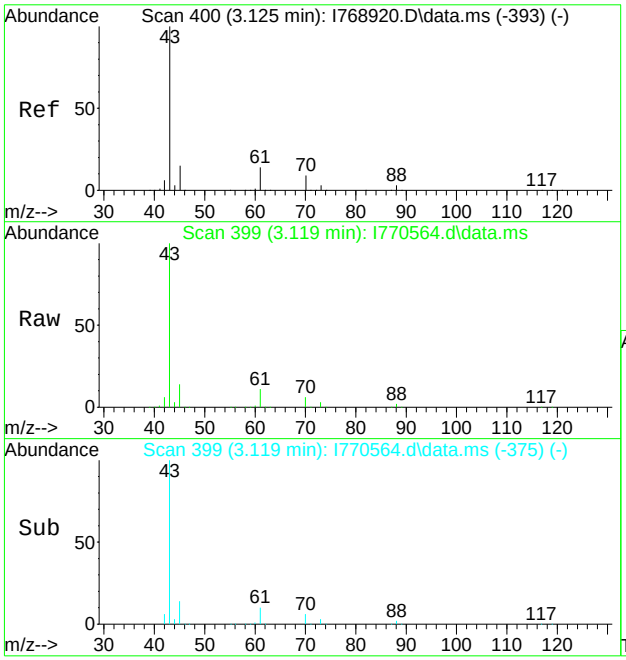


#36
Chloroform
Concen: 38.0024 ug/L
RT: 3.064 min Scan# 390
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 83 Resp: 43902

Ion	Ratio	Lower	Upper
83	100		
85	64.7	37.0	97.0
47	33.7	0.0	57.9

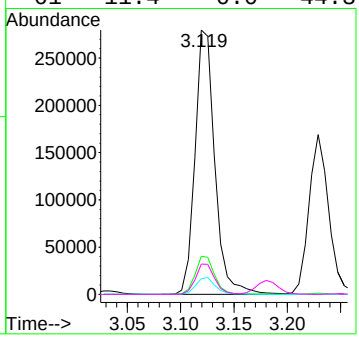


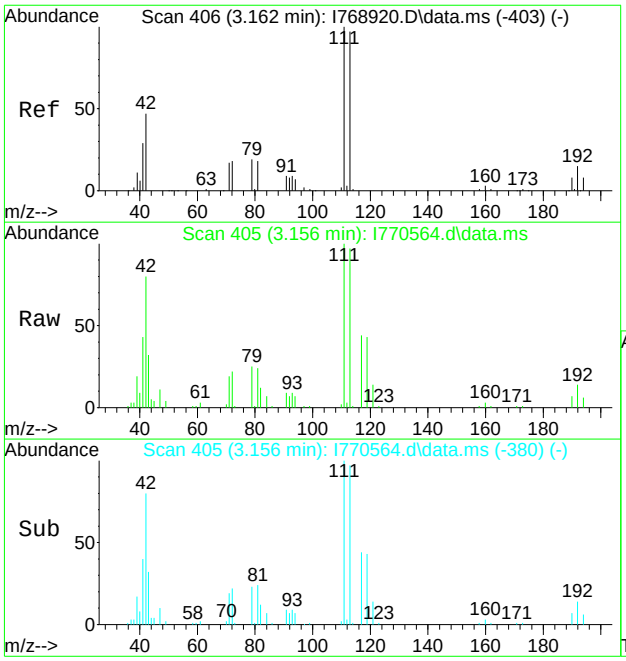


#37
Ethyl acetate
Concen: 189.1834 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 364235

Ion	Ratio	Lower	Upper
43	100		
45	14.4	0.0	44.8
70	5.9	0.0	40.6
61	11.4	0.0	44.3

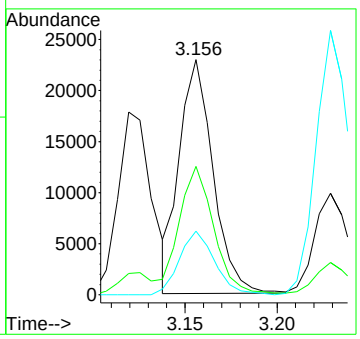


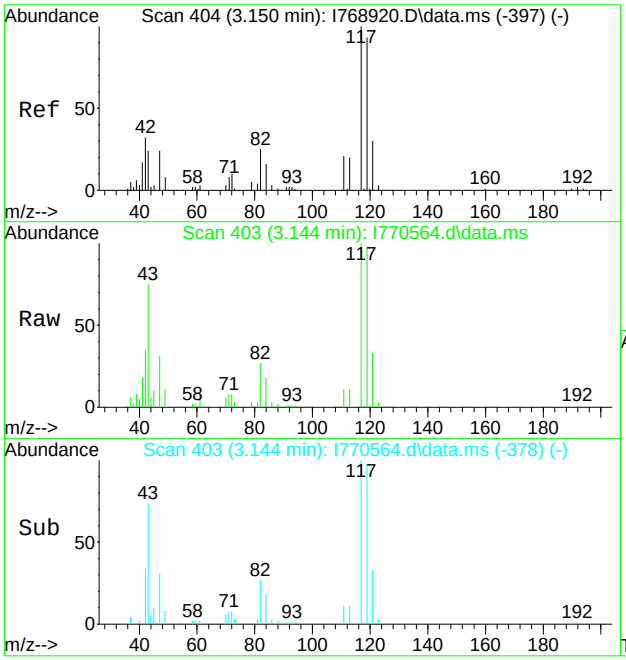


#38
Tetrahydrofuran
Concen: 37.7451 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 42 Resp: 29326

Ion	Ratio	Lower	Upper
42	100		
41	54.5	37.6	77.6
72	26.7	16.5	56.5

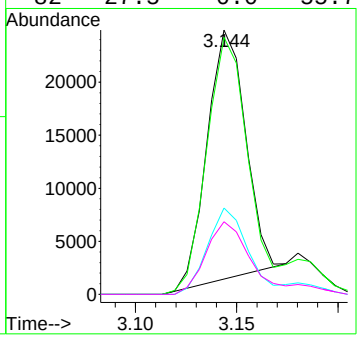


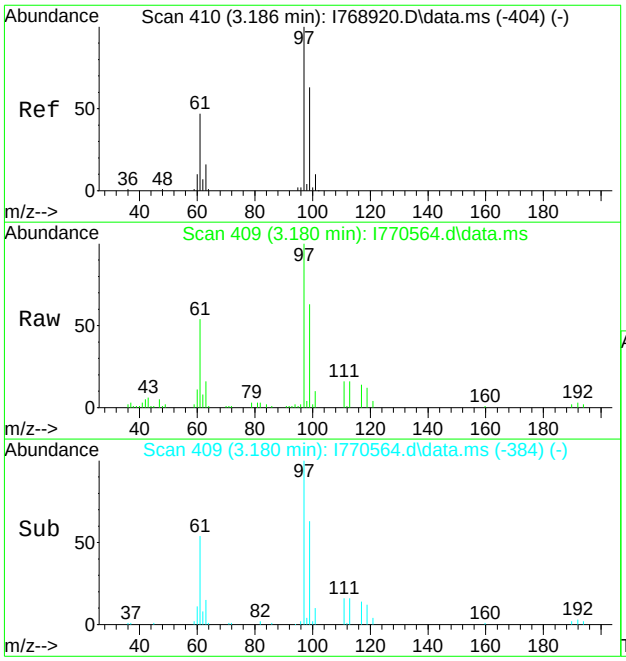


#40
Carbon Tetrachloride
Concen: 34.4755 ug/L
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:117 Resp: 31316

Ion	Ratio	Lower	Upper
117	100		
119	97.2	65.5	125.5
121	32.7	0.0	59.4
82	27.5	0.0	55.7

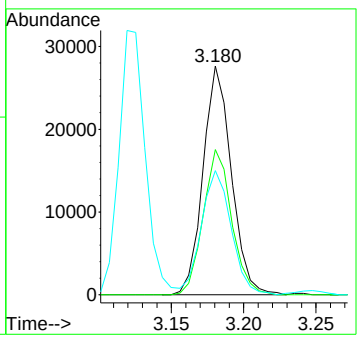


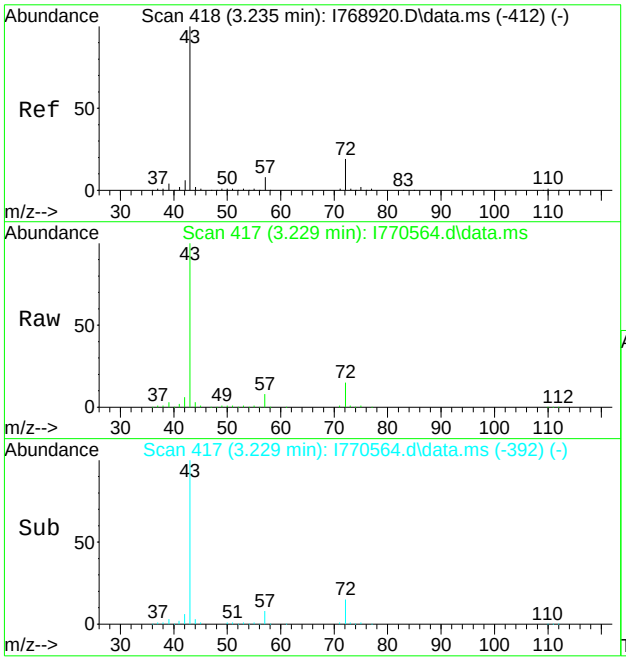


#41
1,1,1-Trichloroethane
Concen: 38.8498 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 97 Resp: 37772

Ion	Ratio	Lower	Upper
97	100		
99	63.4	32.6	92.6
61	53.7	21.2	81.2

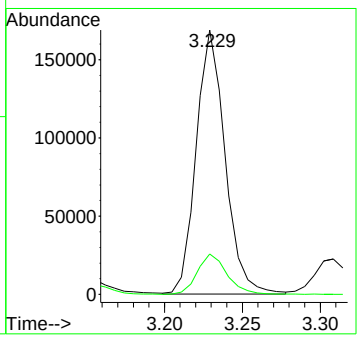


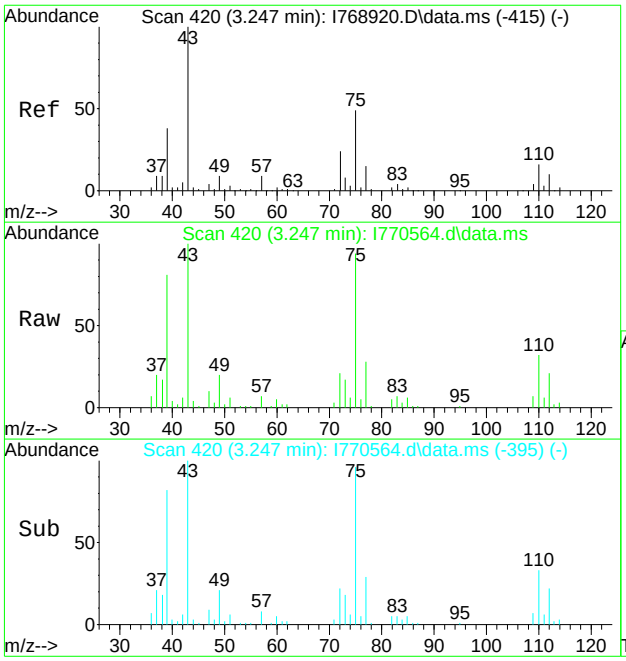


#42
2-Butanone
Concen: 188.7396 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 217857

Ion	Ratio	Lower	Upper
43	100		
72	15.4	0.0	51.3

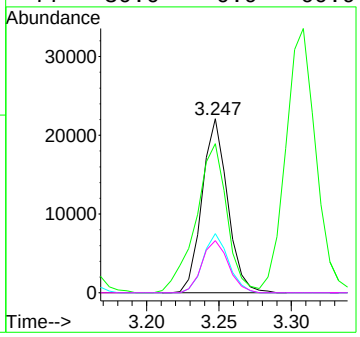


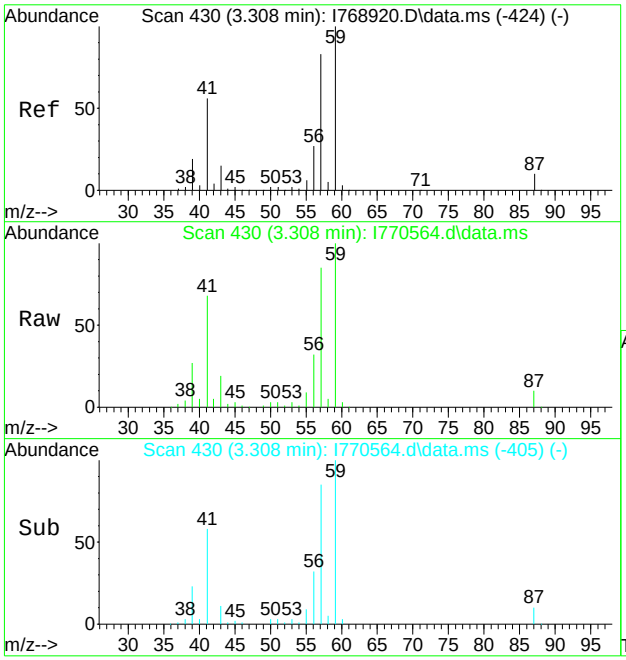


#43
1,1-Dichloropropene
Concen: 38.6447 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 75 Resp: 27198

Ion	Ratio	Lower	Upper
75	100		
39	84.4	36.7	96.7
110	34.1	4.9	64.9
77	30.0	0.9	60.9

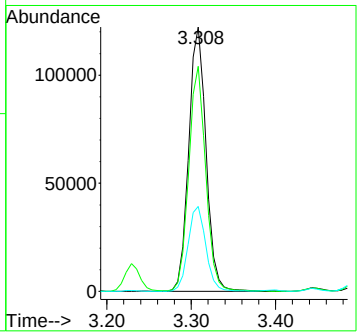


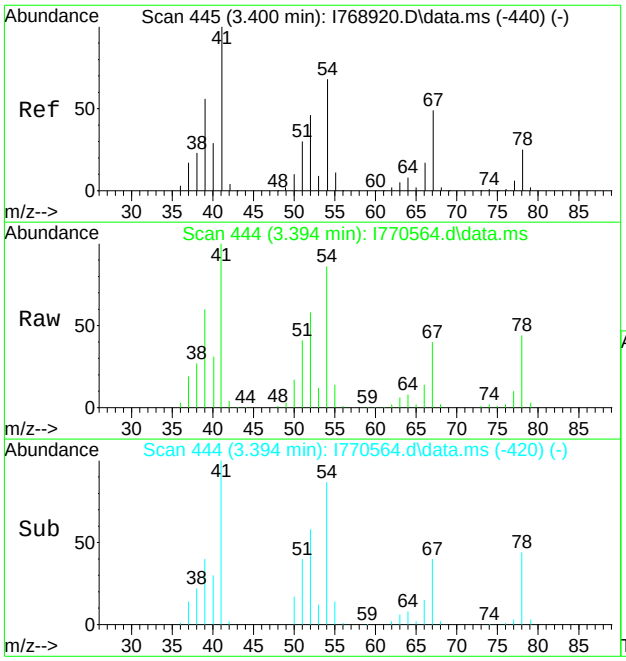


#44
tert-Butyl formate
Concen: 208.7784 ug/L
RT: 3.308 min Scan# 430
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 59 Resp: 175105

Ion	Ratio	Lower	Upper
59	100		
57	85.2	59.2	99.2
56	32.1	6.0	46.0

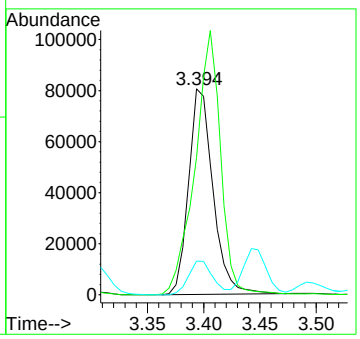


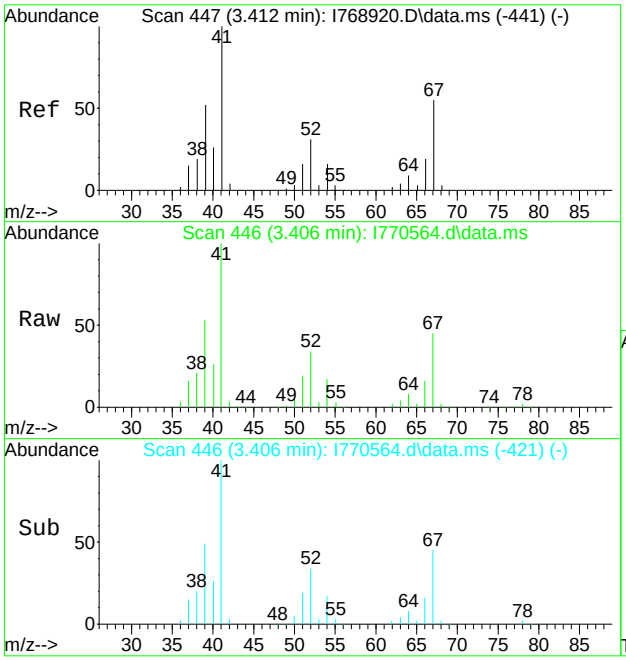


#45
Propionitrile
Concen: 399.1105 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 54 Resp: 121504

Ion	Ratio	Lower	Upper
54	100		
52	66.2	1.6	41.6#
55	16.4	0.0	34.8

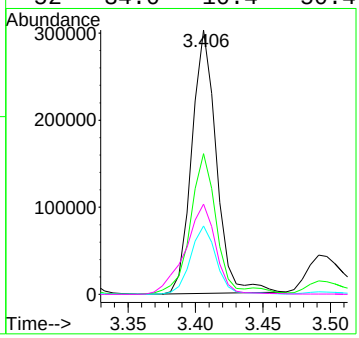


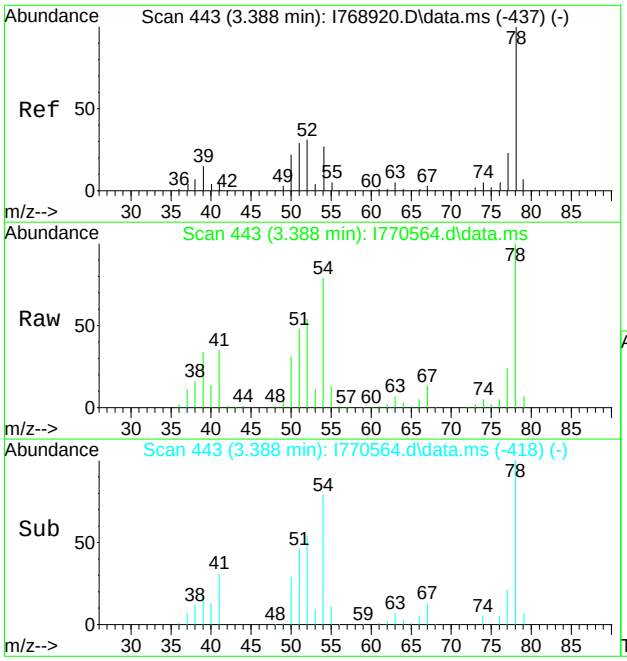


#46
Methacrylonitrile
Concen: 404.5386 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 41 Resp: 382922

Ion	Ratio	Lower	Upper
41	100		
39	52.8	36.3	76.3
40	25.7	5.3	45.3
52	34.0	10.4	50.4

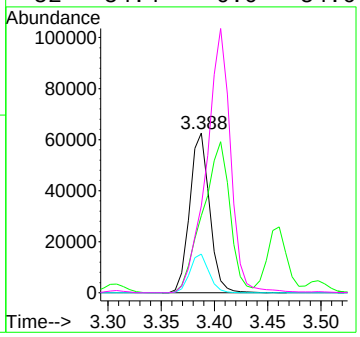


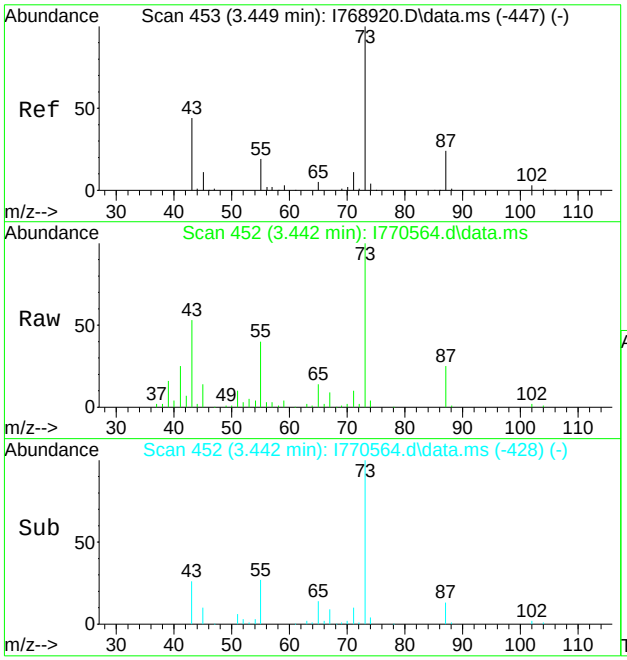


#47
Benzene
Concen: 36.8861 ug/L
RT: 3.388 min Scan# 443
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 78 Resp: 81290

Ion	Ratio	Lower	Upper
78	100		
51	48.2	0.0	51.7
77	24.2	0.0	53.1
52	54.4	0.0	54.6

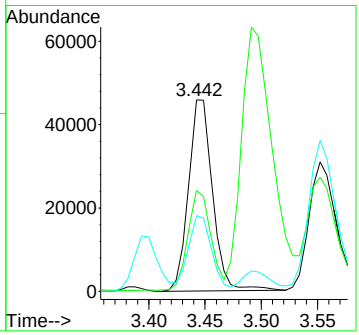


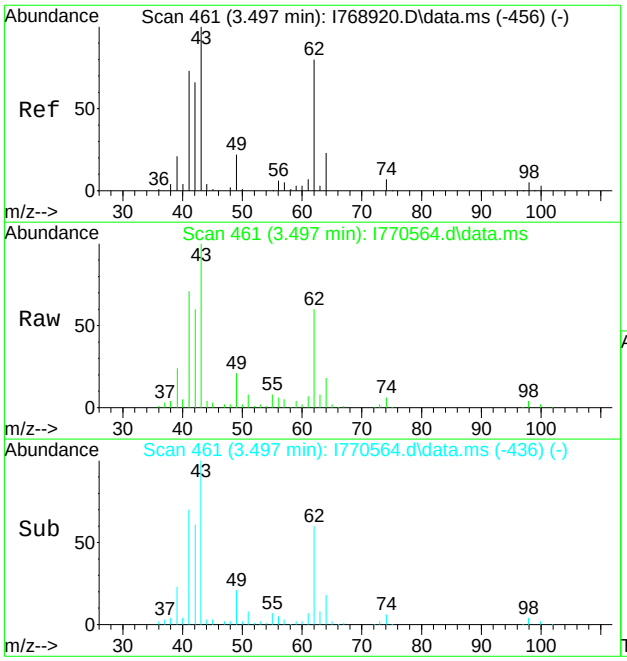


#48
TAME
Concen: 39.4708 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 73 Resp: 68269

Ion	Ratio	Lower	Upper
73	100		
43	52.1	52.3	92.3#
55	36.6	8.3	48.3

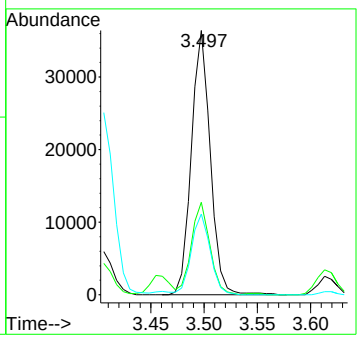


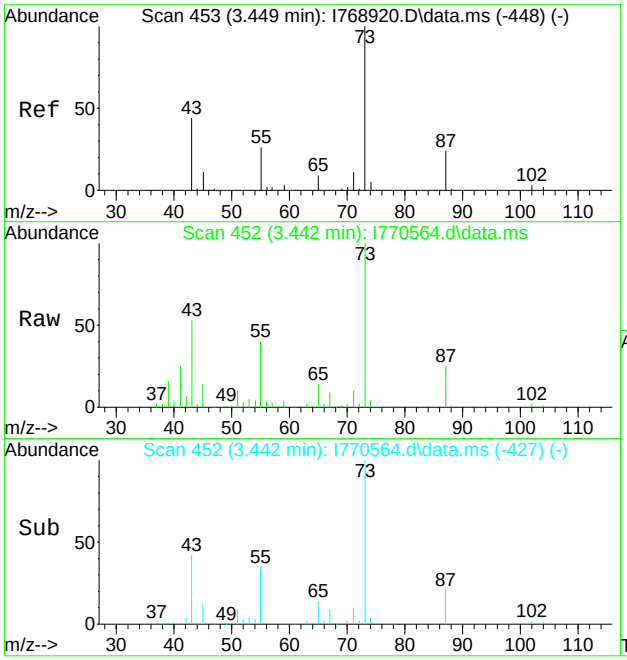


#50
1,2-Dichloroethane
Concen: 39.7253 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 62 Resp: 45111

Ion	Ratio	Lower	Upper
62	100		
49	34.9	0.0	59.2
64	30.6	1.9	61.9

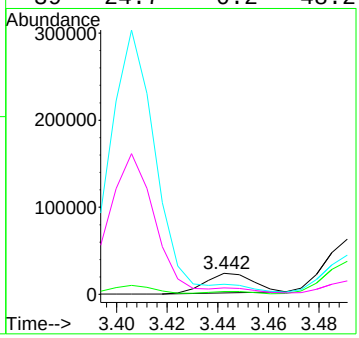


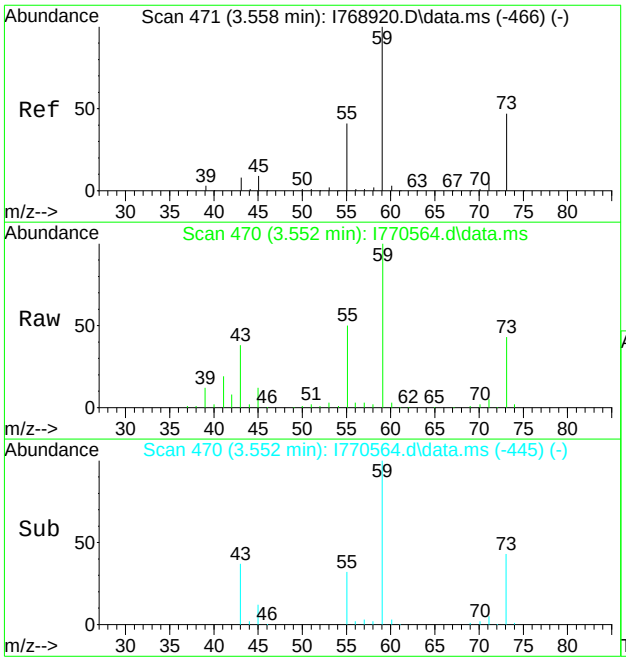


#51
Isobutyl Alcohol
Concen: 771.3124 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 29885

Ion	Ratio	Lower	Upper
43	100		
42	9.8	0.0	92.6
41	37.3	0.0	121.9
39	24.7	0.2	48.2

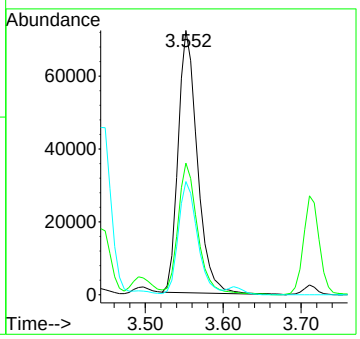


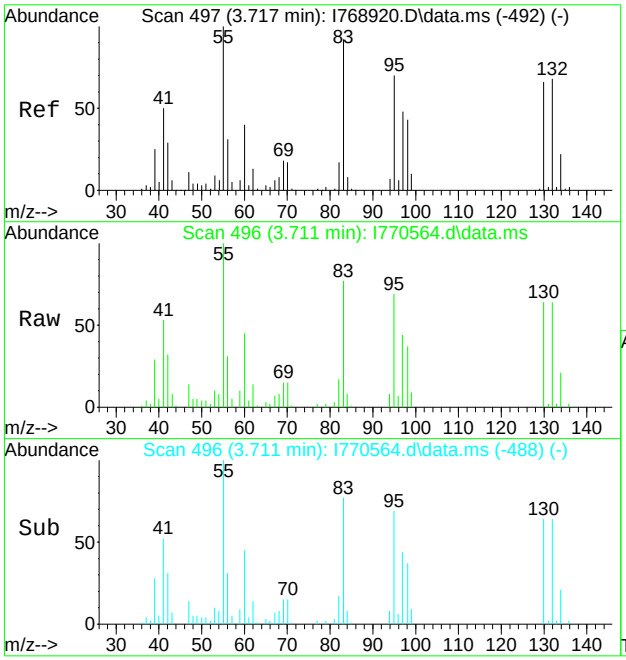


#52
Tert Amyl Alcohol
Concen: 388.2937 ug/L
RT: 3.552 min Scan# 470
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 59 Resp: 124329

Ion	Ratio	Lower	Upper
59	100		
55	49.6	13.4	73.4
73	42.8	26.6	86.6

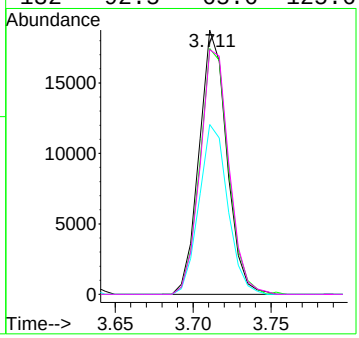


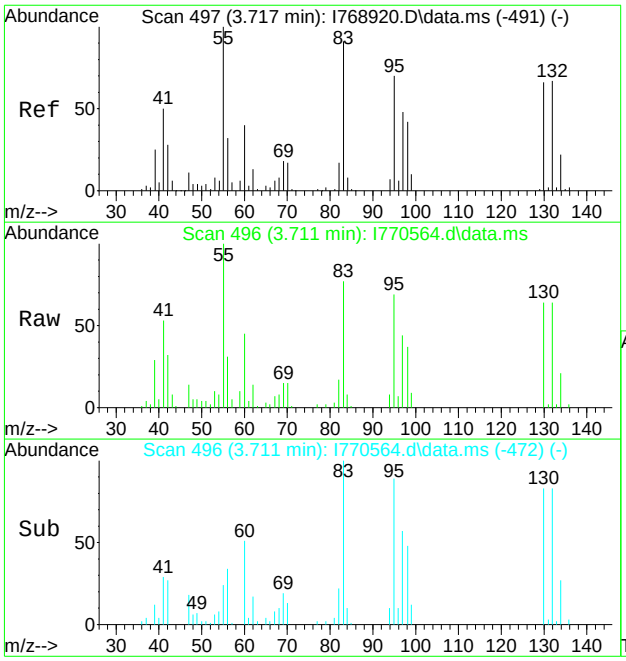


#53
Trichloroethene
Concen: 37.3211 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 95 Resp: 23045

Ion	Ratio	Lower	Upper
95	100		
130	93.0	64.6	124.6
97	64.3	34.7	94.7
132	92.5	65.6	125.6

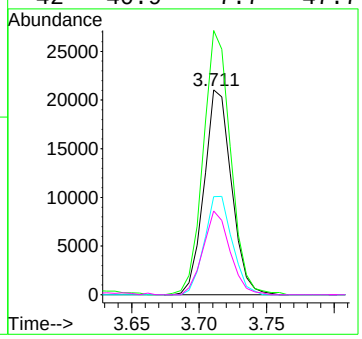


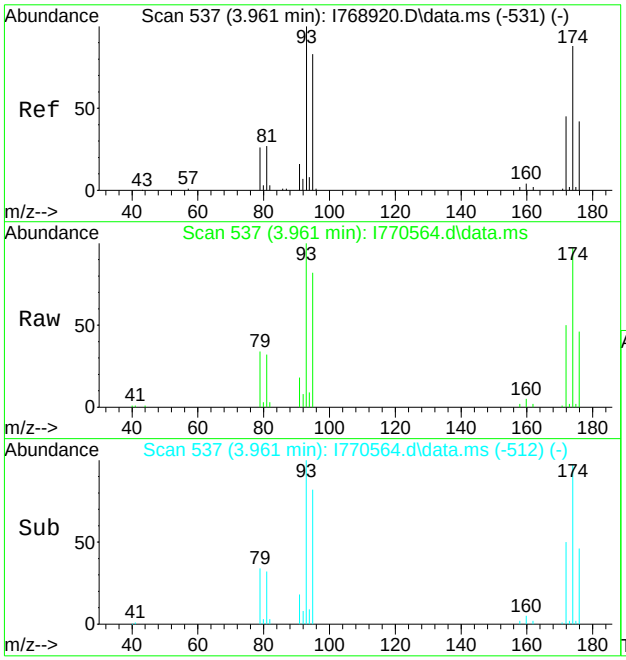


#54
Methylcyclohexane
Concen: 38.5623 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 83 Resp: 29754

Ion	Ratio	Lower	Upper
83	100		
55	129.1	70.4	110.4#
98	47.9	25.0	65.0
42	40.9	7.7	47.7

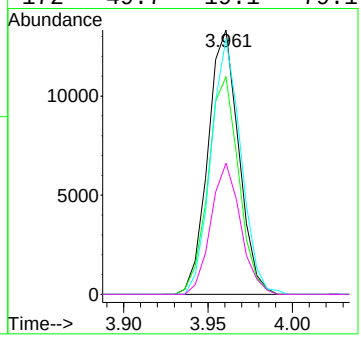


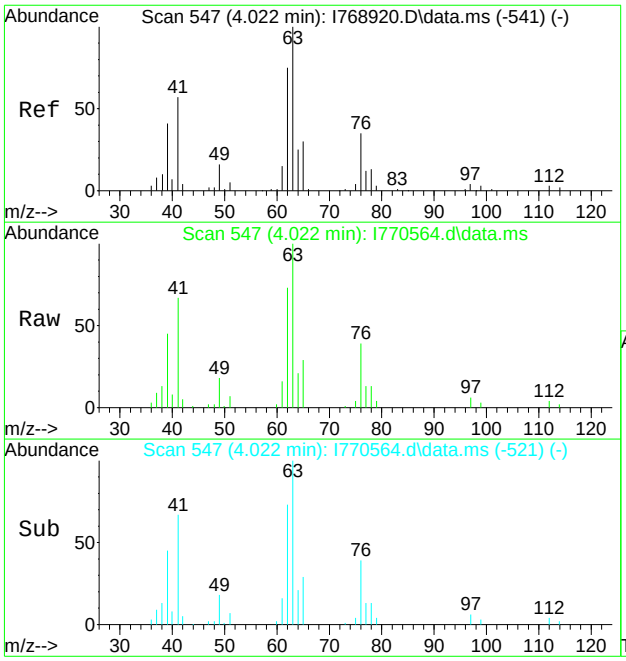


#55
Dibromomethane
Concen: 38.4014 ug/L
RT: 3.961 min Scan# 537
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 93 Resp: 16947

Ion	Ratio	Lower	Upper
93	100		
95	82.3	51.8	111.8
174	96.7	61.6	121.6
172	49.7	19.1	79.1

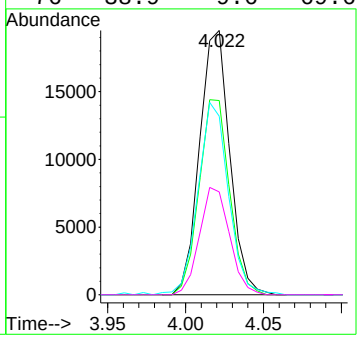


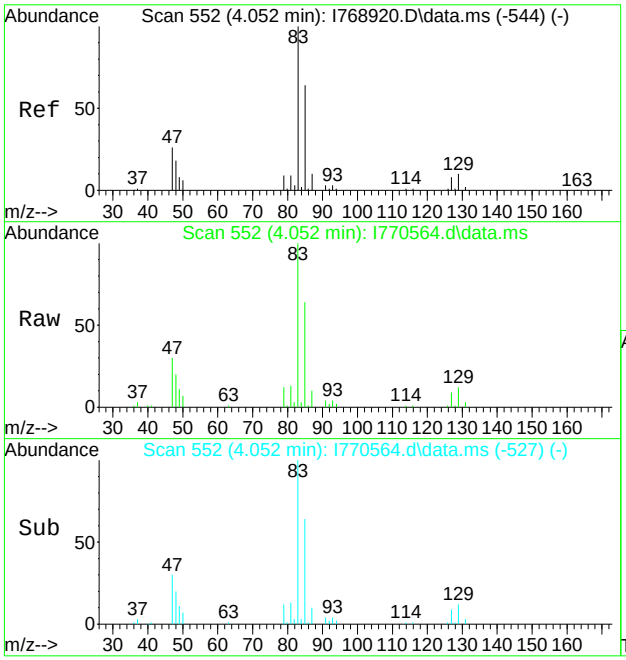


#56
1,2-Dichloropropane
Concen: 38.0735 ug/L
RT: 4.022 min Scan# 547
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 63 Resp: 26270

Ion	Ratio	Lower	Upper
63	100		
62	73.4	39.2	99.2
41	67.5	28.0	88.0
76	38.9	9.6	69.6

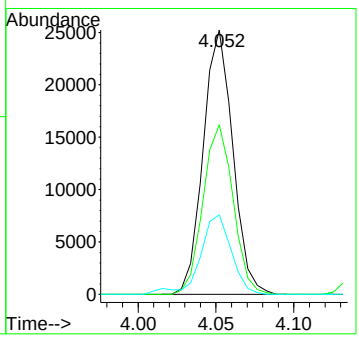


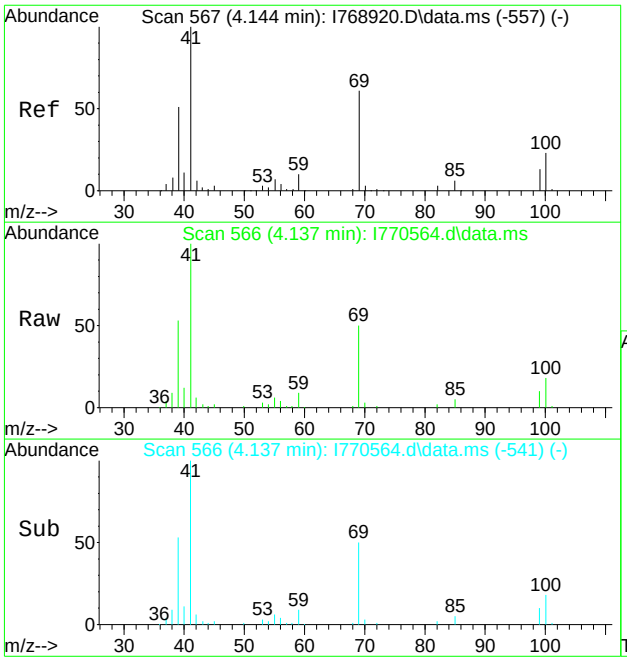


#57
Bromodichloromethane
Concen: 37.9838 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 83 Resp: 33281

Ion	Ratio	Lower	Upper
83	100		
85	64.1	45.2	84.0
47	30.1	14.9	27.7#

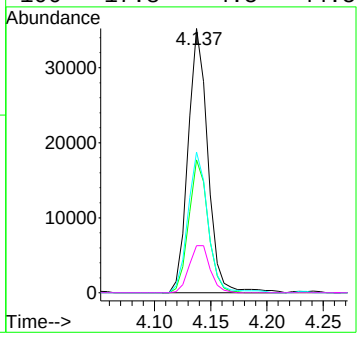


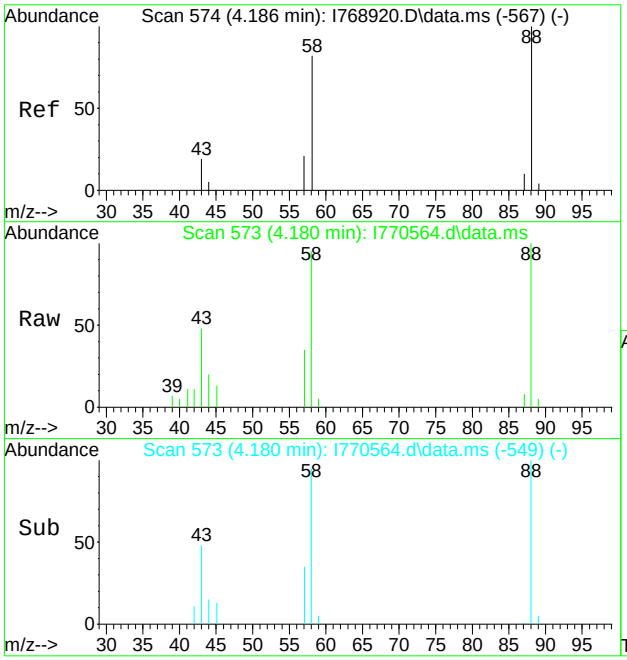


#58
Methyl methacrylate
Concen: 40.8011 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 41 Resp: 43108

Ion	Ratio	Lower	Upper
41	100		
69	50.2	49.4	89.4
39	53.2	38.8	78.8
100	17.8	4.5	44.5

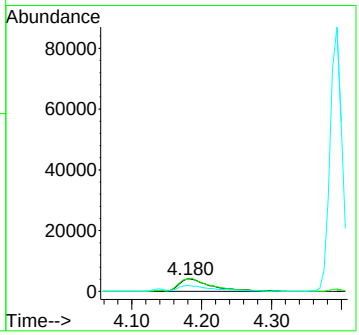


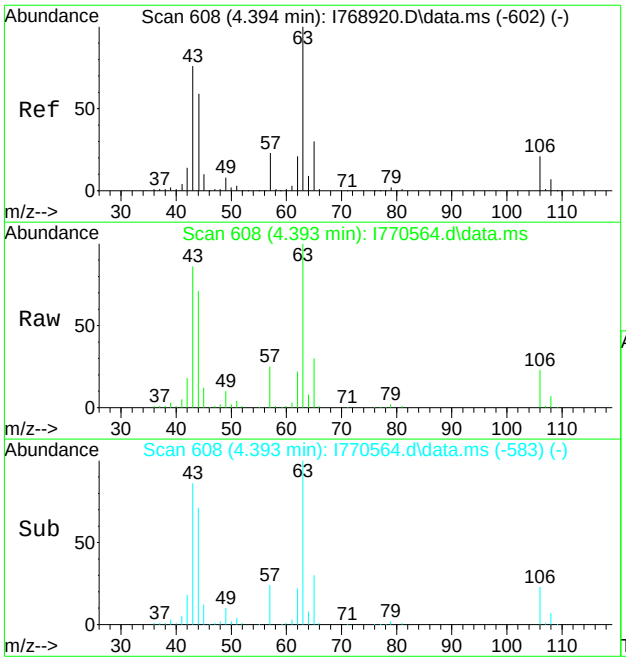


#59
1,4-Dioxane
Concen: 827.4265 ug/L
RT: 4.180 min Scan# 573
Delta R.T. -0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 88 Resp: 13407

Ion	Ratio	Lower	Upper
88	100		
58	95.4	41.6	101.6
43	47.5	5.0	65.0

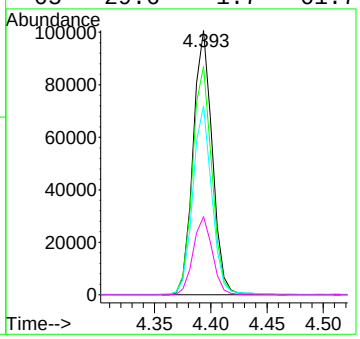


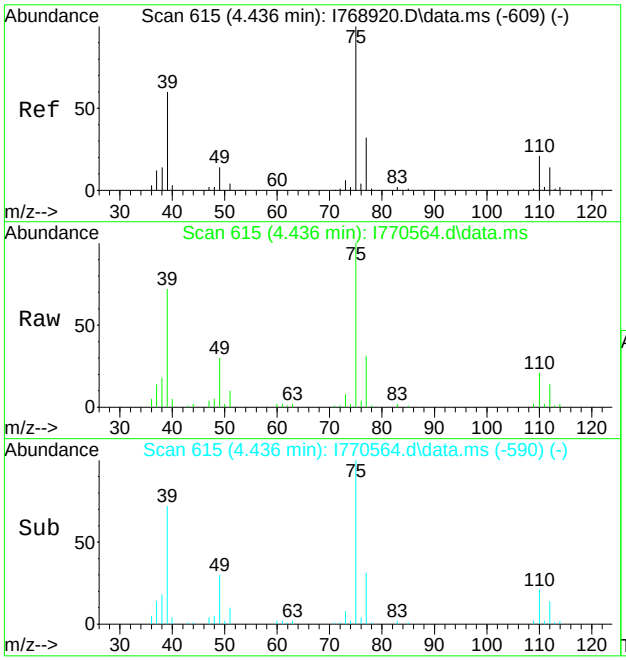


#60
2-Chloroethyl vinyl ether
Concen: 204.8032 ug/L
RT: 4.393 min Scan# 608
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 63 Resp: 119475

Ion	Ratio	Lower	Upper
63	100		
43	86.4	41.4	101.4
44	71.2	24.6	84.6
65	29.6	1.7	61.7

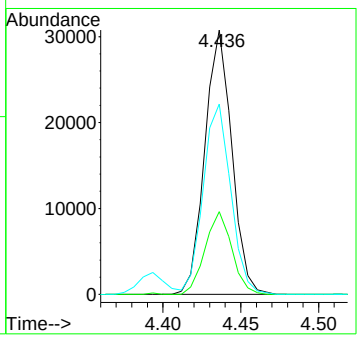


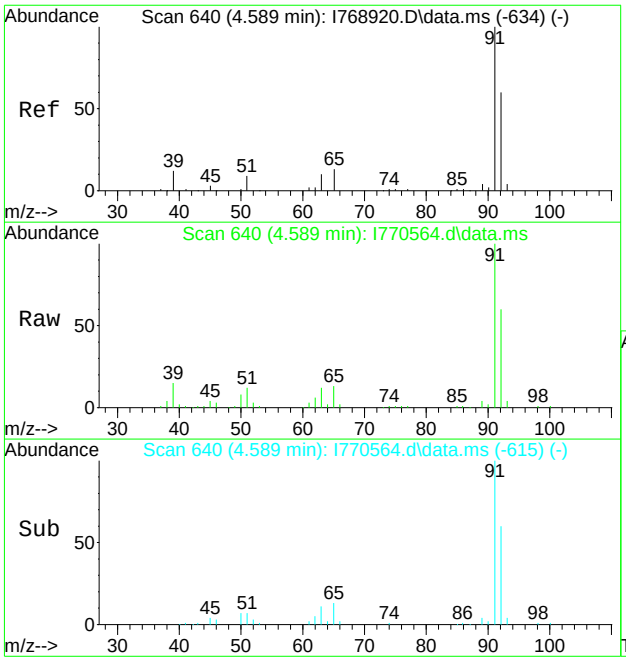


#61
cis-1,3-Dichloropropene
Concen: 38.1691 ug/L
RT: 4.436 min Scan# 615
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 75 Resp: 36925

Ion	Ratio	Lower	Upper
75	100		
77	31.3	2.0	62.0
39	72.0	27.8	87.8

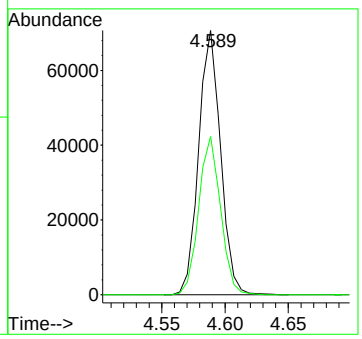


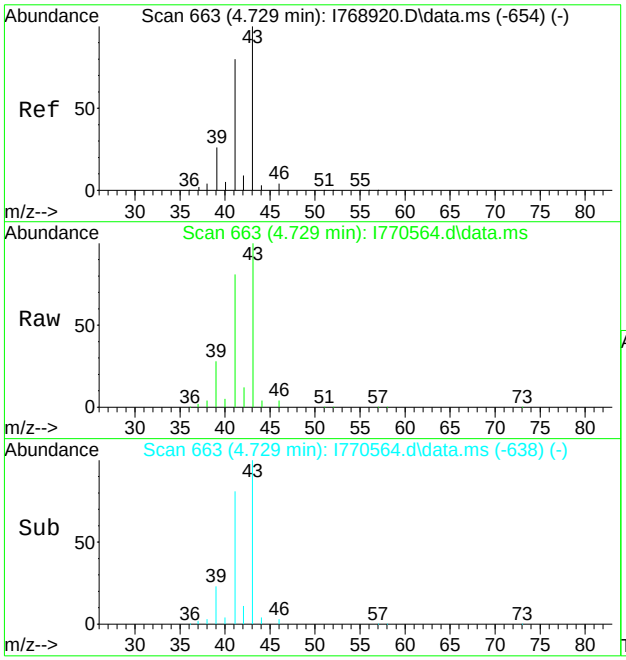


#64
Toluene
Concen: 37.7560 ug/L
RT: 4.589 min Scan# 640
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 85199

Ion	Ratio	Lower	Upper
91	100		
92	59.9	28.4	88.4

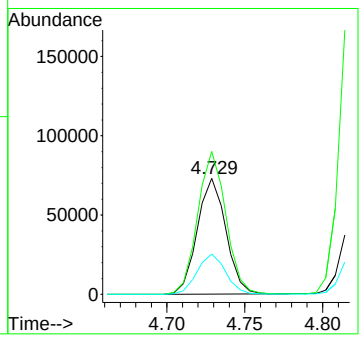


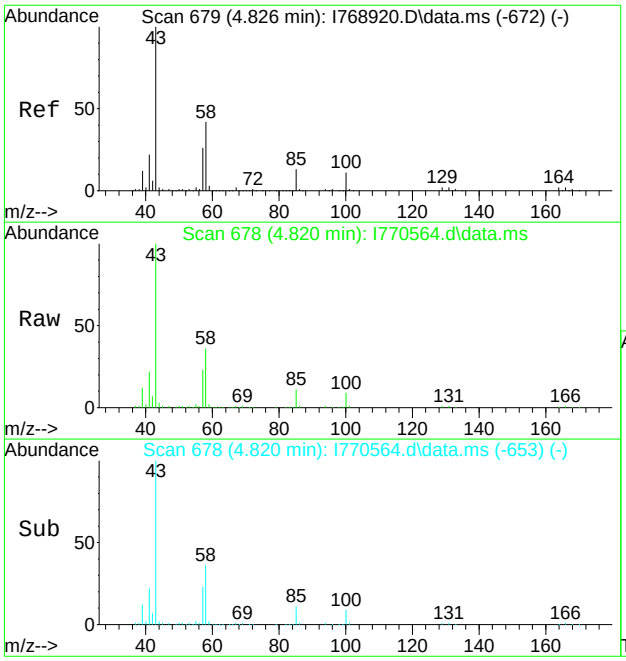


#65
2-Nitropropane
Concen: 196.3284 ug/L
RT: 4.729 min Scan# 663
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 41 Resp: 93263

Ion	Ratio	Lower	Upper
41	100		
43	123.4	97.6	137.6
39	34.8	16.3	56.3

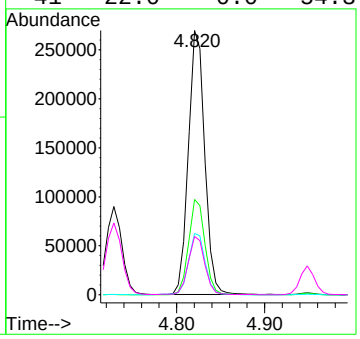


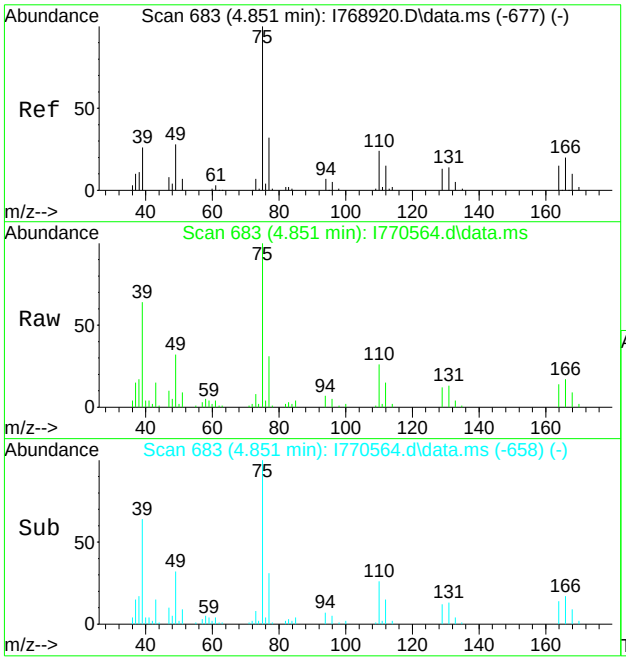


#66
4-Methyl-2-pentanone
Concen: 200.7070 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 348220

Ion	Ratio	Lower	Upper
43	100		
58	36.1	8.5	68.5
57	23.2	0.0	55.2
41	22.0	0.0	54.3

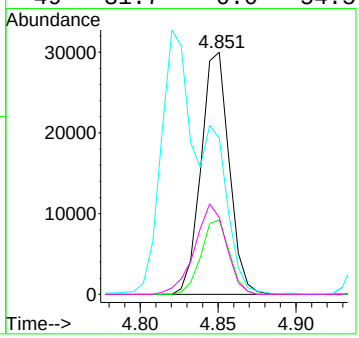


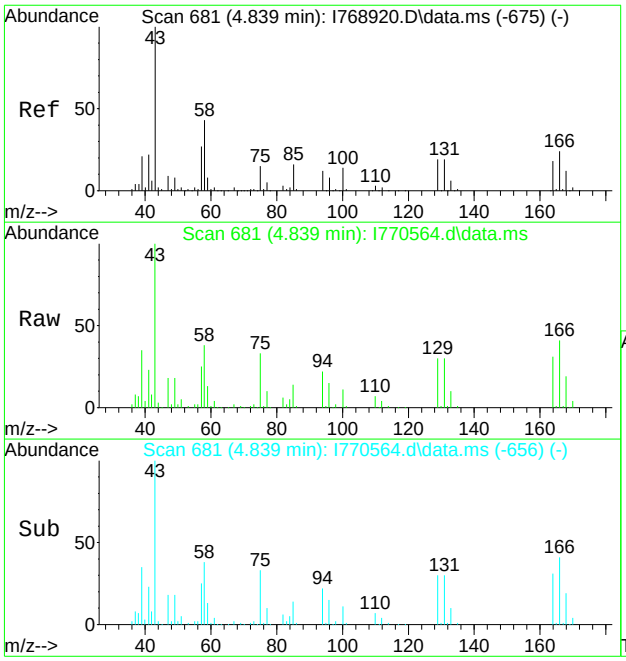


#67
trans-1,3-Dichloropropene
Concen: 38.5894 ug/L
RT: 4.851 min Scan# 683
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 75 Resp: 37532

Ion	Ratio	Lower	Upper
75	100		
77	30.7	2.0	62.0
39	63.9	29.3	89.3
49	31.7	0.0	54.5

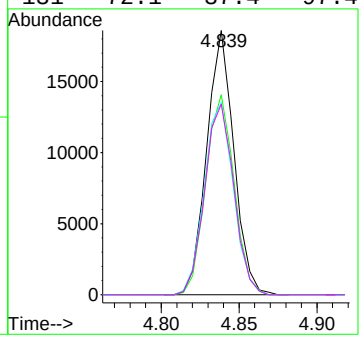


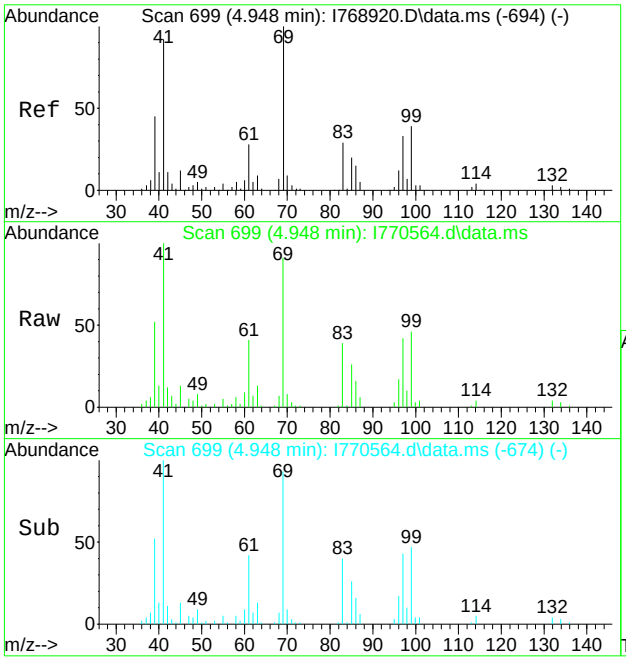


#68
Tetrachloroethene
Concen: 39.9853 ug/L
RT: 4.839 min Scan# 681
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:166 Resp: 22509

Ion	Ratio	Lower	Upper
166	100		
164	75.7	45.5	105.5
129	72.8	37.2	97.2
131	72.1	37.4	97.4

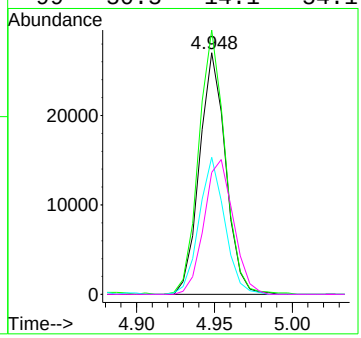


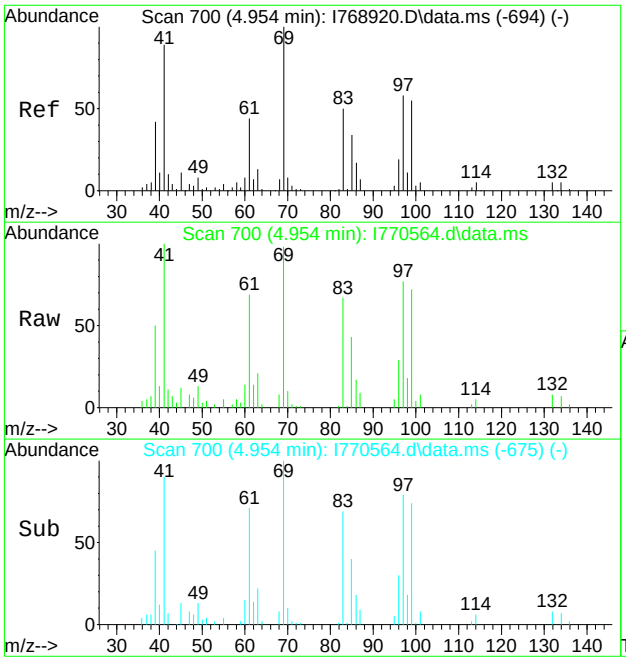


#69
Ethyl methacrylate
Concen: 39.5628 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 69 Resp: 31389

Ion	Ratio	Lower	Upper
69	100		
41	109.4	60.5	100.5#
39	56.7	24.1	64.1
99	50.5	14.1	54.1

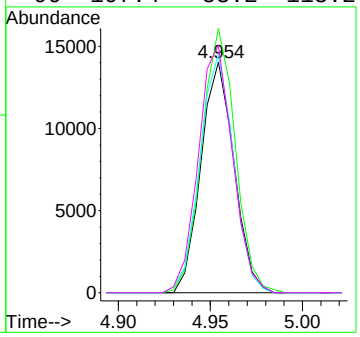


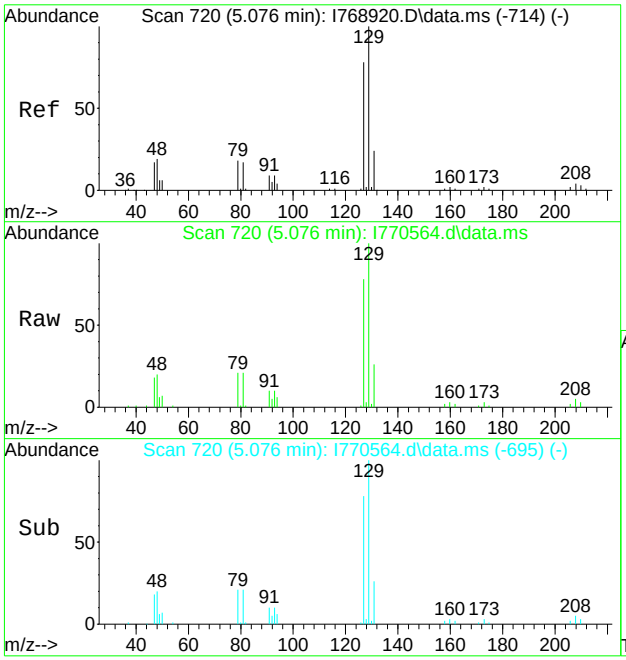


#70
1,1,2-Trichloroethane
Concen: 37.2579 ug/L
RT: 4.954 min Scan# 700
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 83 Resp: 17612

Ion	Ratio	Lower	Upper
83	100		
97	114.7	83.1	143.1
61	103.4	44.3	104.3
99	107.4	53.2	113.2

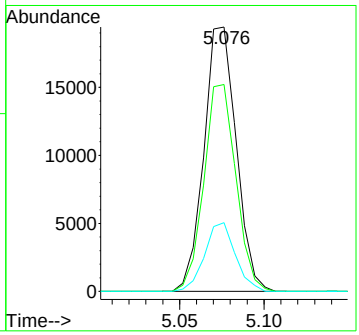


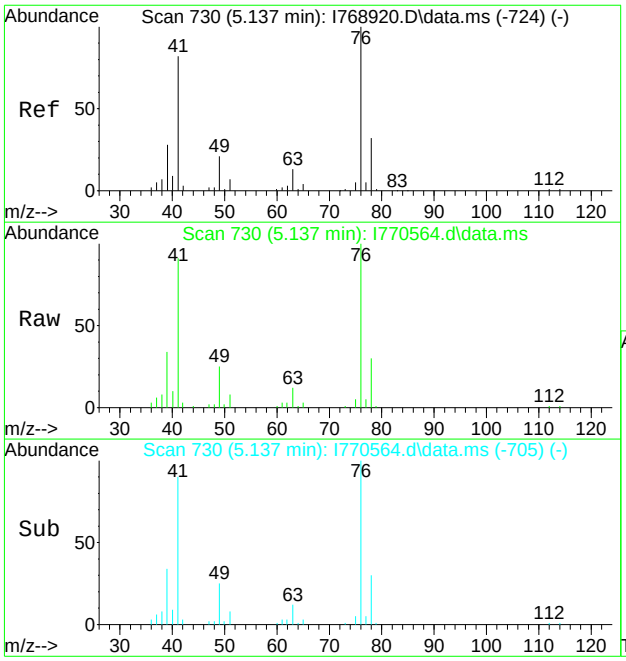


#71
Dibromochloromethane
Concen: 38.0719 ug/L
RT: 5.076 min Scan# 720
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:129 Resp: 26000

Ion	Ratio	Lower	Upper
129	100		
127	78.2	45.3	105.3
131	26.0	0.0	54.1

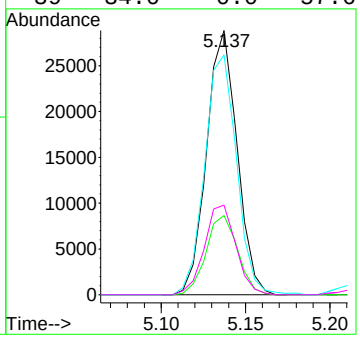


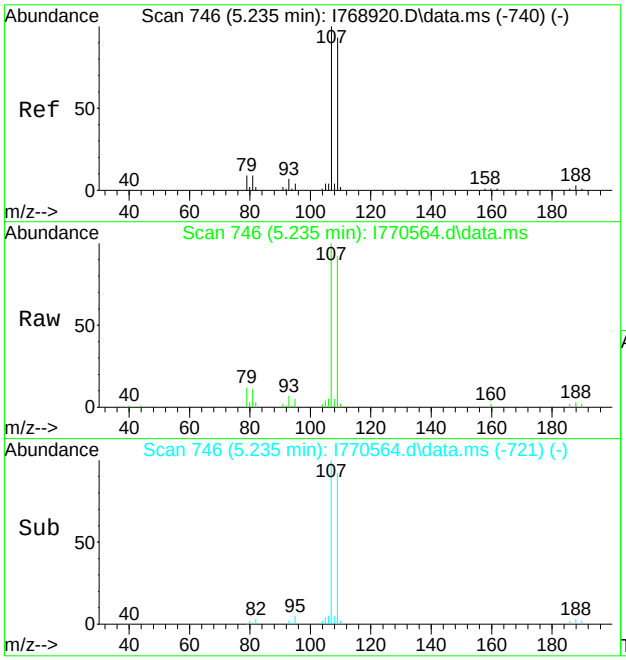


#72
1,3-Dichloropropane
Concen: 38.1868 ug/L
RT: 5.137 min Scan# 730
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 76 Resp: 36306

Ion	Ratio	Lower	Upper
76	100		
78	30.0	2.2	62.2
41	90.8	40.8	100.8
39	34.0	0.0	57.6

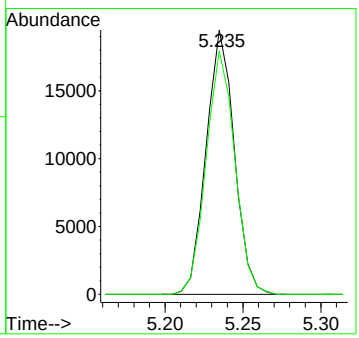


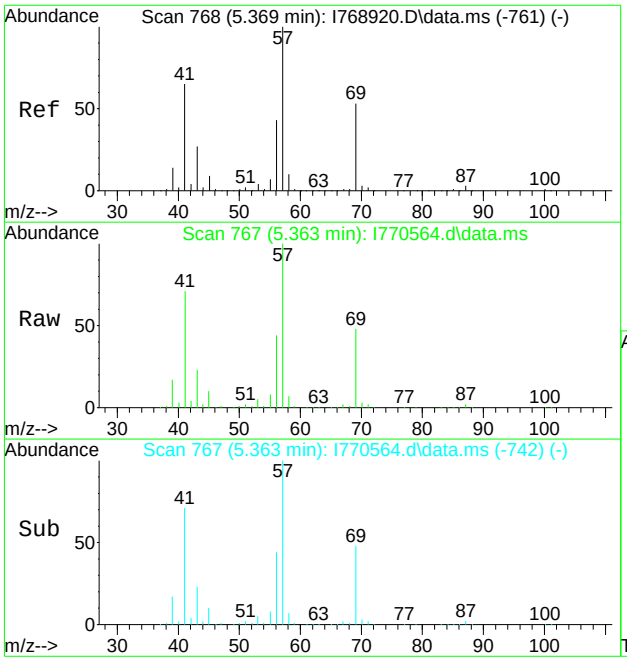


#73
1,2-Dibromoethane
Concen: 38.2313 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:107 Resp: 24396

Ion	Ratio	Lower	Upper
107	100		
109	92.2	64.8	124.8

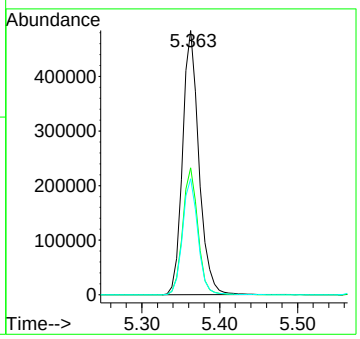


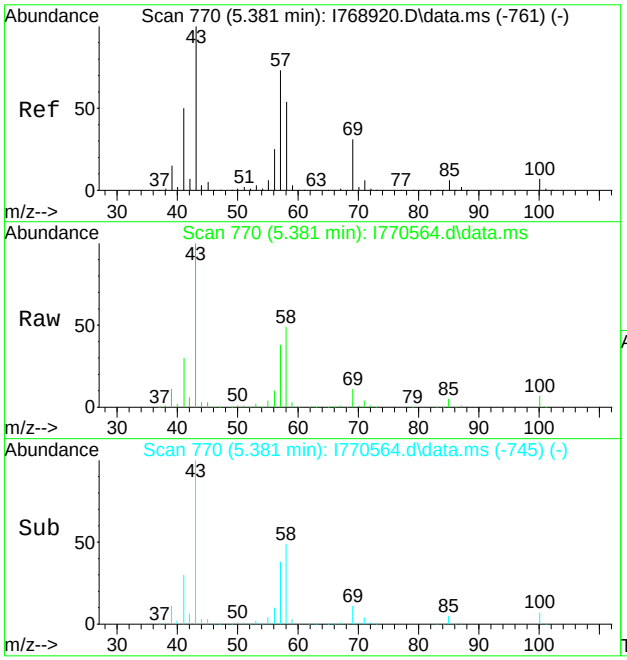


#74
3,3-Dimethyl-1-Butanol
Concen: 2149.2682 ug/L
RT: 5.363 min Scan# 767
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 57 Resp: 710596

Ion	Ratio	Lower	Upper
57	100		
69	48.0	46.8	86.8
56	43.9	22.0	62.0

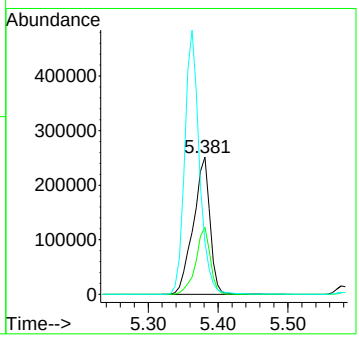


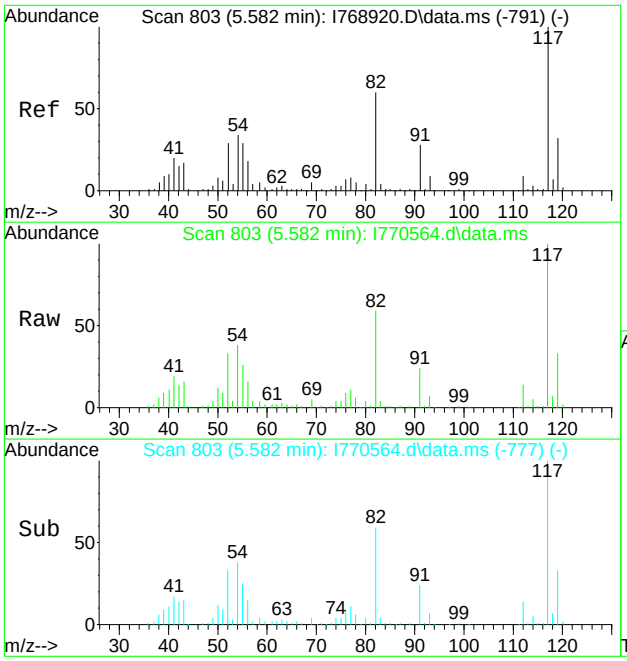


#75
2-hexanone
Concen: 206.3763 ug/L
RT: 5.381 min Scan# 770
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 43 Resp: 415357

Ion	Ratio	Lower	Upper
43	100		
58	49.0	20.1	80.1
57	37.9	33.6	93.6

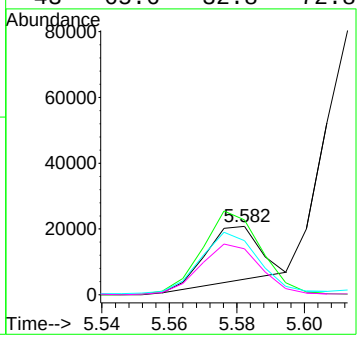


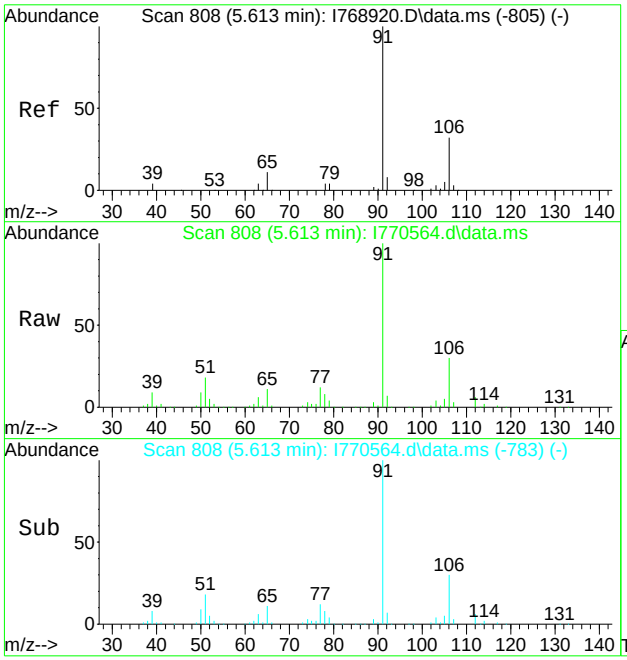


#76
1-Chlorohexane
Concen: 25.7691 ug/L
RT: 5.582 min Scan# 803
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 19403

Ion	Ratio	Lower	Upper
91	100		
55	107.2	60.7	100.7#
41	76.0	44.2	84.2
43	65.6	32.8	72.8

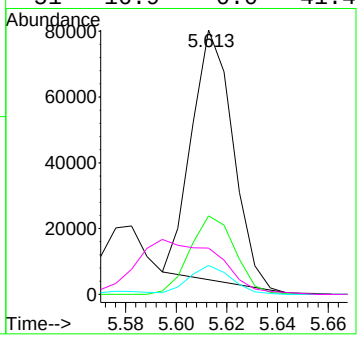


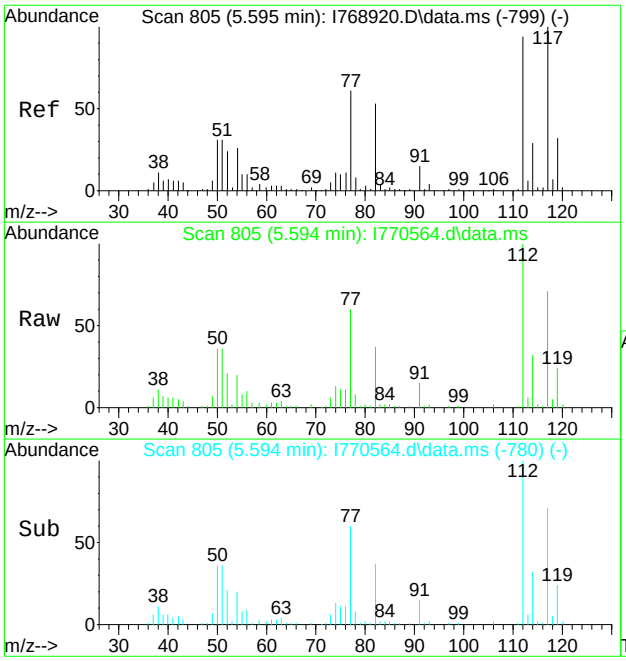


#77
Ethylbenzene
Concen: 33.7499 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 85294

Ion	Ratio	Lower	Upper
91	100		
106	29.6	0.8	60.8
65	11.0	0.0	39.5
51	16.9	0.0	41.4

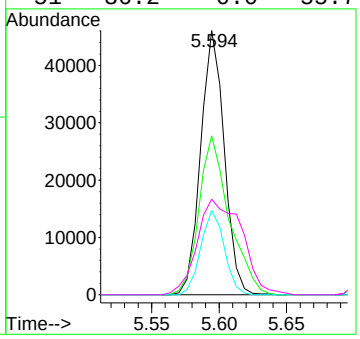


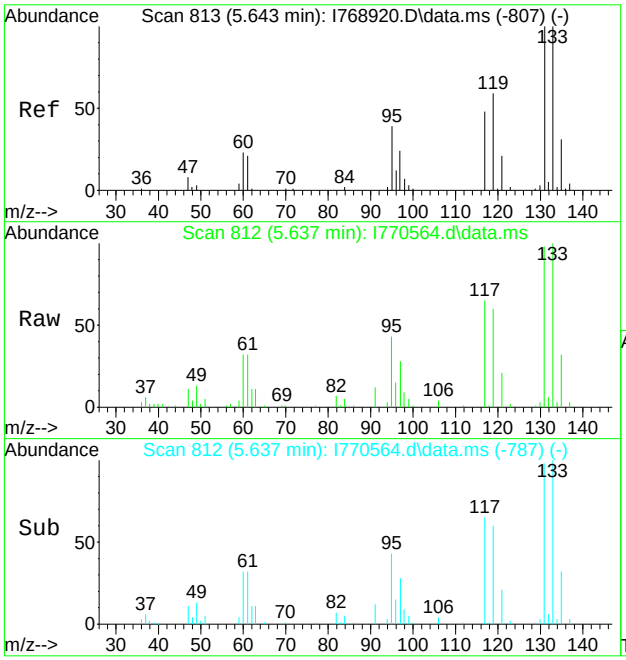


#78
Chlorobenzene
Concen: 37.6626 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:112 Resp: 56165

Ion	Ratio	Lower	Upper
112	100		
77	60.1	30.7	90.7
114	31.9	2.4	62.4
51	36.2	0.0	55.7

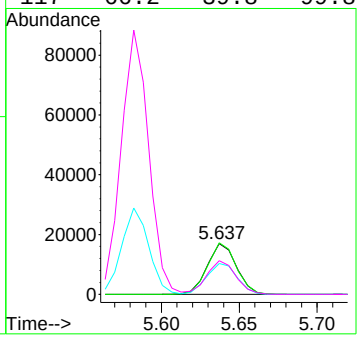


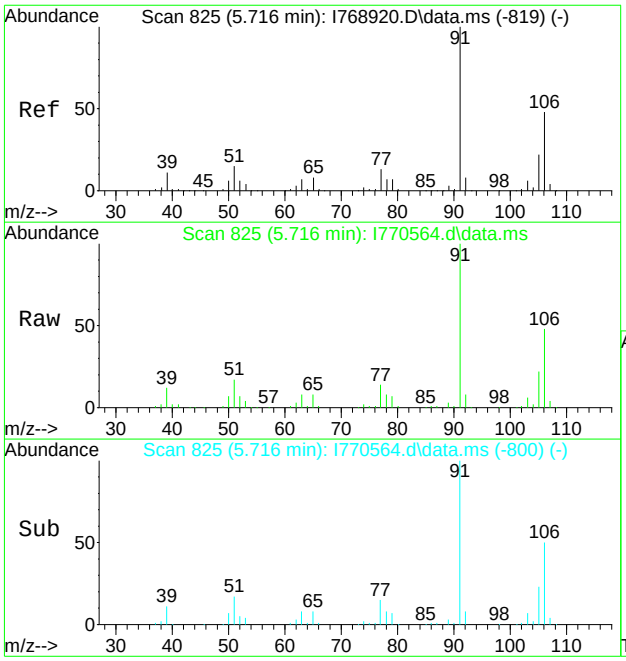


#79
1,1,1,2-Tetrachloroethane
Concen: 36.6767 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:131 Resp: 22083

Ion	Ratio	Lower	Upper
131	100		
133	101.7	70.3	130.3
119	61.1	35.8	95.8
117	66.2	39.8	99.8

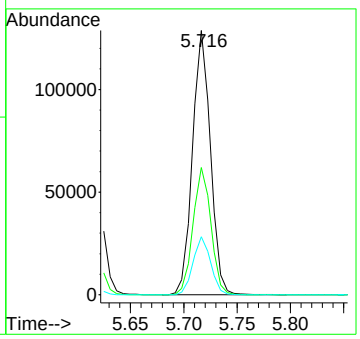


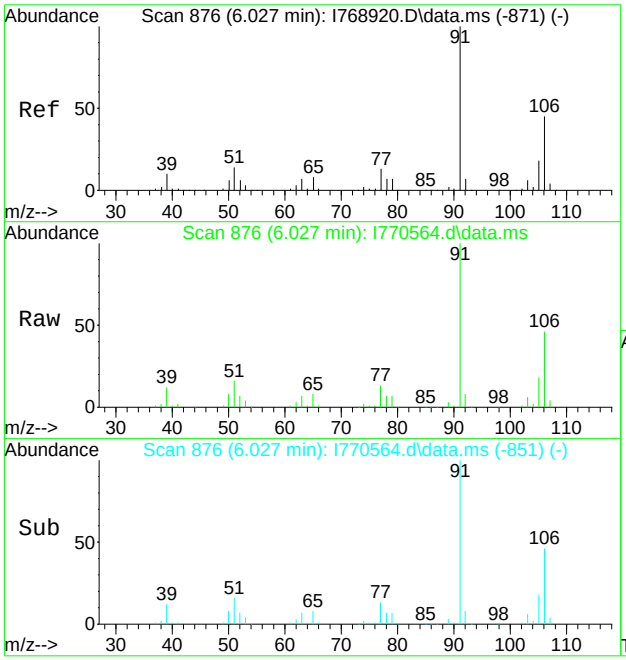


#80
m,p-Xylene
Concen: 77.1029 ug/L
RT: 5.716 min Scan# 825
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 151413

Ion	Ratio	Lower	Upper
91	100		
106	48.2	17.0	77.0
105	22.0	0.0	51.7

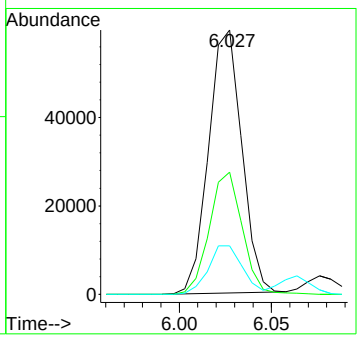


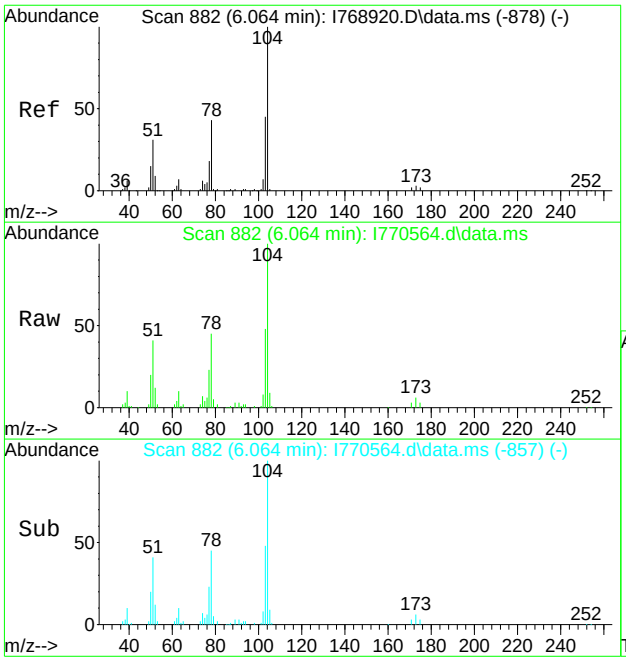


#81
o-Xylene
Concen: 39.6847 ug/L
RT: 6.027 min Scan# 876
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 74826

Ion	Ratio	Lower	Upper
91	100		
106	46.2	15.4	75.4
105	18.4	0.0	49.1

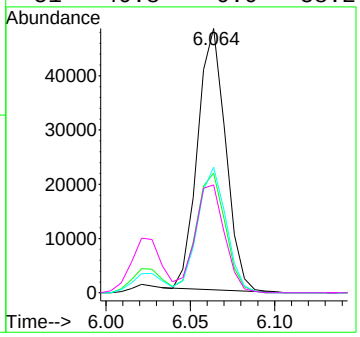


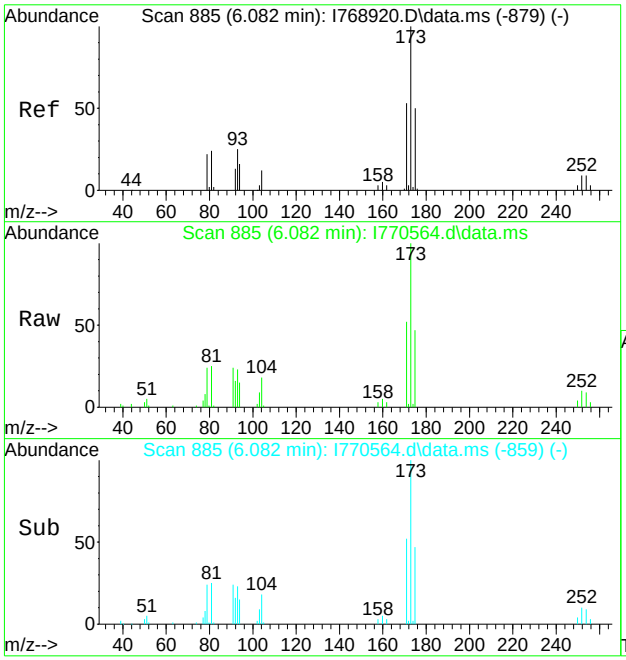


#82
Styrene
Concen: 39.3865 ug/L
RT: 6.064 min Scan# 882
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:104 Resp: 55693

Ion	Ratio	Lower	Upper
104	100		
78	45.3	15.1	75.1
103	47.5	17.1	77.1
51	40.8	0.0	58.2

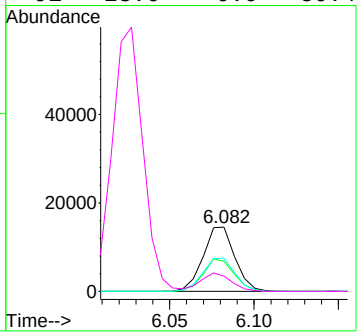


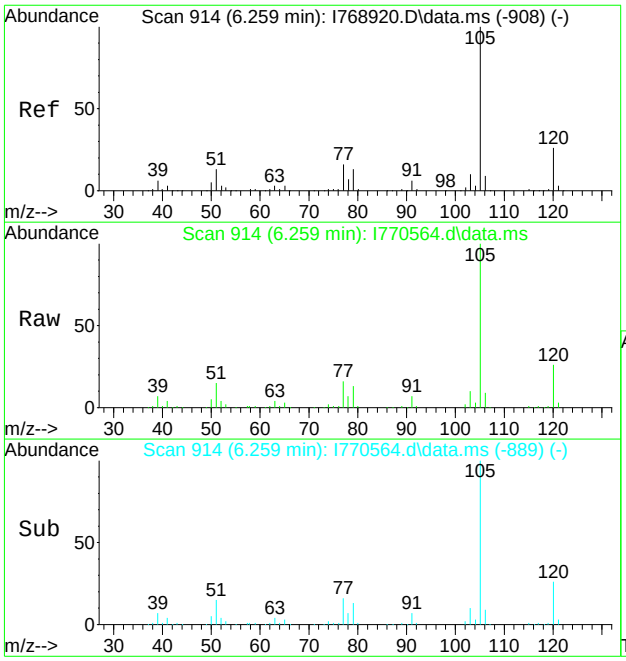


#83
Bromoform
Concen: 37.4320 ug/L
RT: 6.082 min Scan# 885
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:173 Resp: 19073

Ion	Ratio	Lower	Upper
173	100		
175	46.6	18.2	78.2
171	51.5	20.6	80.6
91	23.6	0.0	50.4

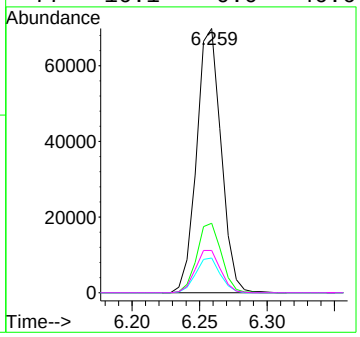


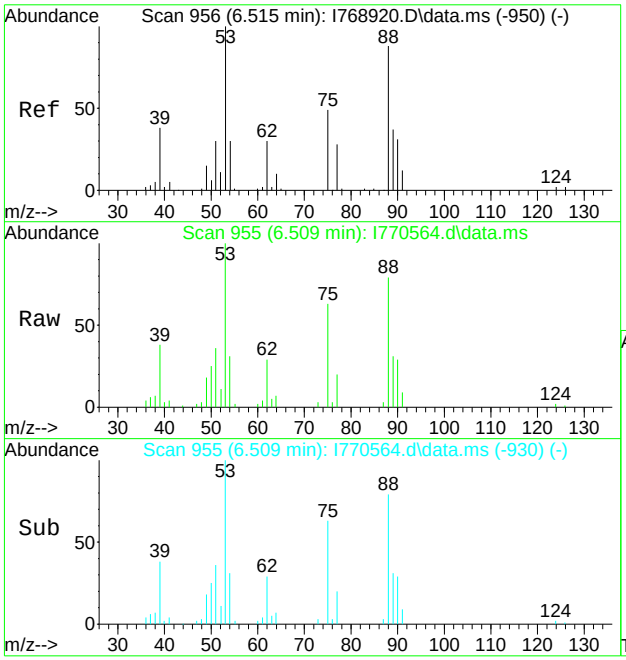


#84
Isopropylbenzene
Concen: 39.7948 ug/L
RT: 6.259 min Scan# 914
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:105 Resp: 88312

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	54.9
79	13.2	0.0	43.9
77	16.1	0.0	46.6

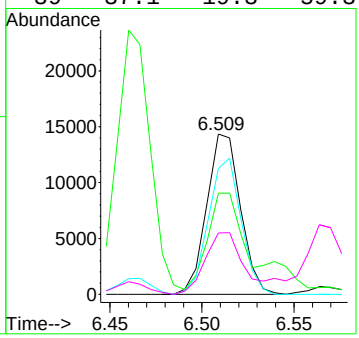


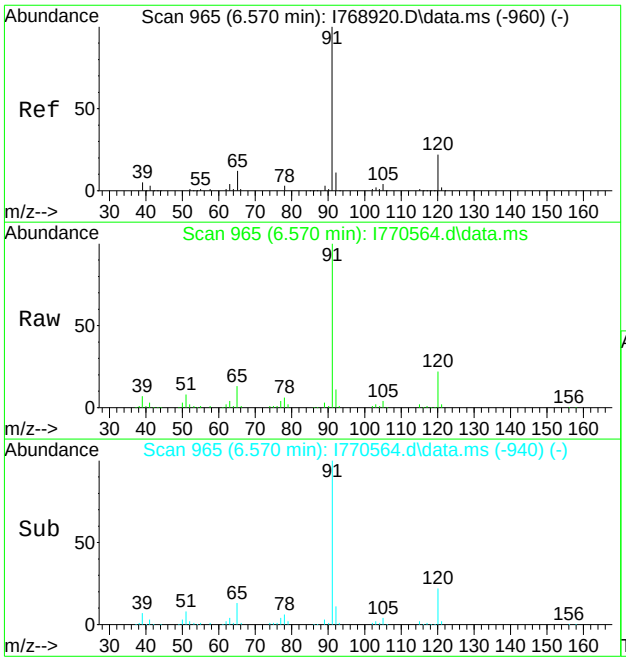


#87
cis-1,4-Dichloro-2-butene
Concen: 35.1290 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 53 Resp: 18315

Ion	Ratio	Lower	Upper
53	100		
75	45.6	62.2	102.2#
88	78.6	86.4	126.4#
39	37.1	19.3	59.3

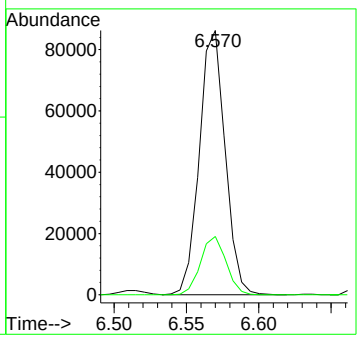


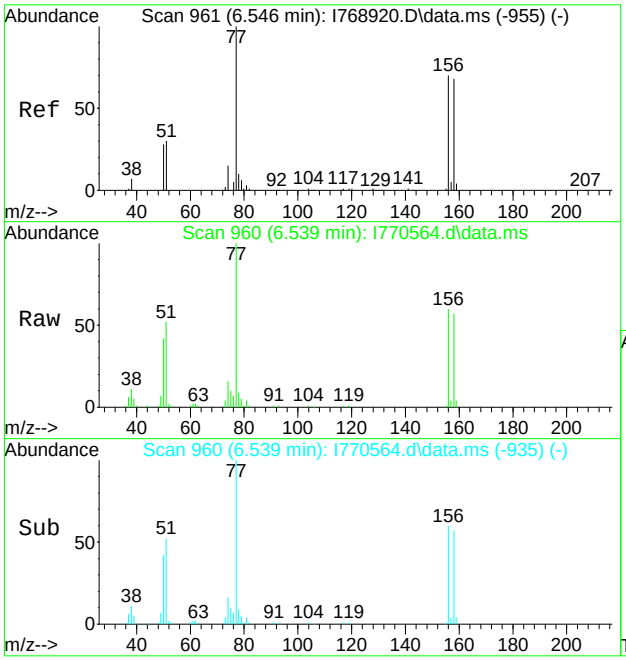


#88
n-Propylbenzene
Concen: 39.2835 ug/L
RT: 6.570 min Scan# 965
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 106936

Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	52.3

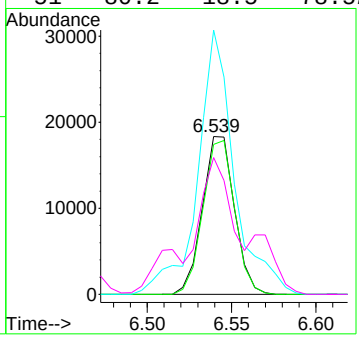


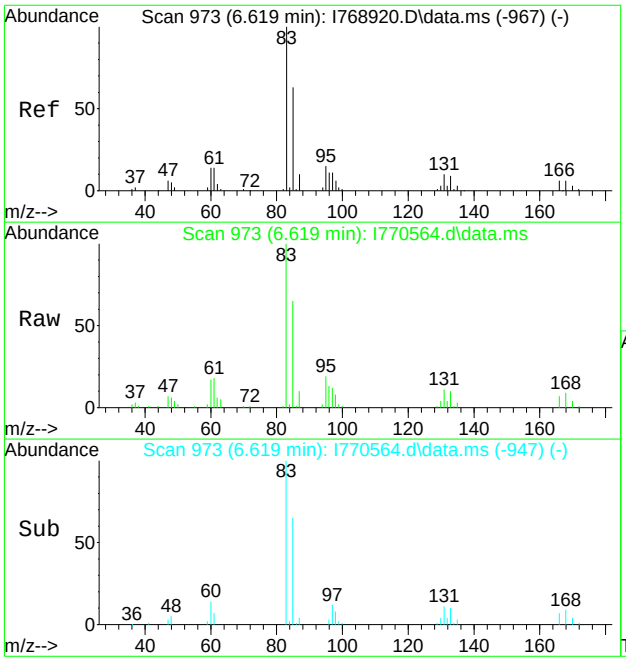


#89
Bromobenzene
Concen: 38.4947 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:156 Resp: 24274

Ion	Ratio	Lower	Upper
156	100		
158	95.1	65.5	125.5
77	163.1	126.3	186.3
51	80.2	18.5	78.5#

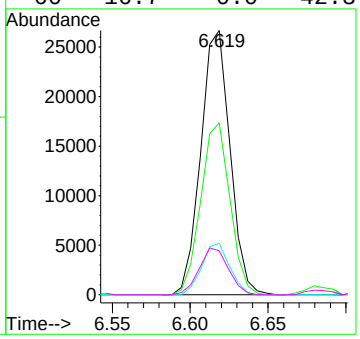


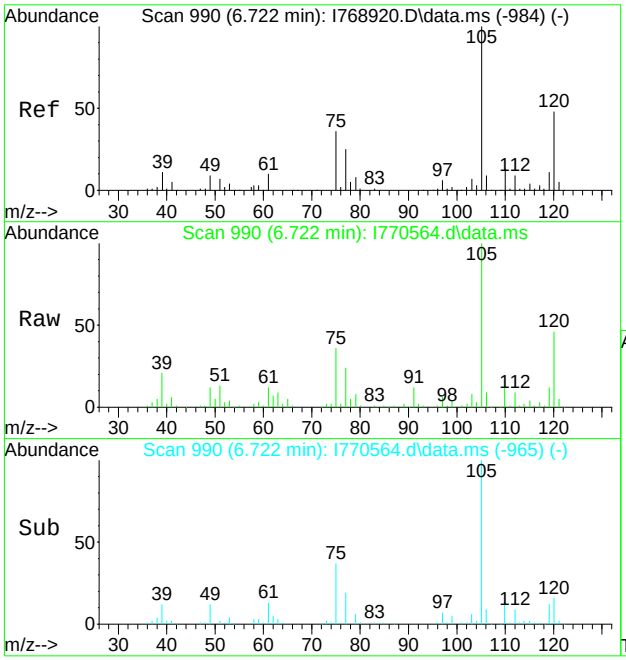


#90
1,1,2,2-Tetrachloroethane
Concen: 37.2256 ug/L
RT: 6.619 min Scan# 973
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 83 Resp: 34831

Ion	Ratio	Lower	Upper
83	100		
85	65.1	36.2	96.2
95	19.5	0.0	46.3
60	16.7	0.0	42.3

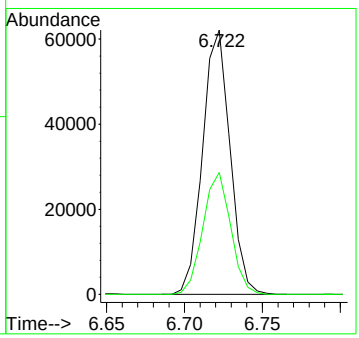


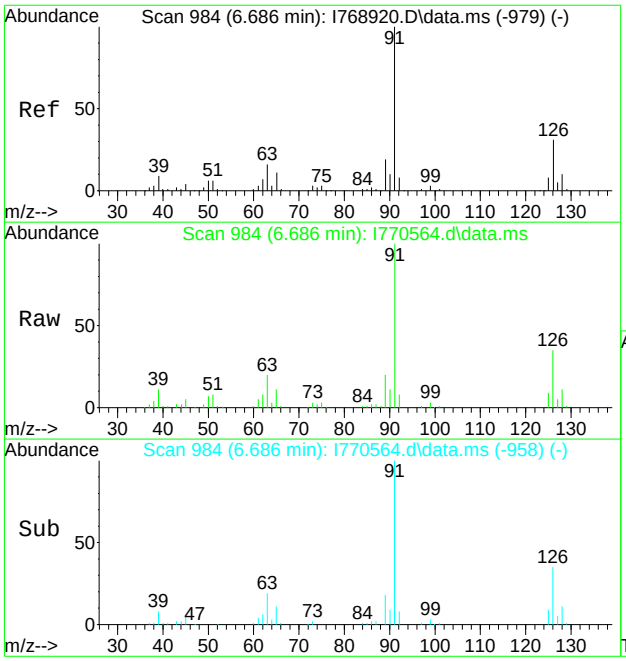


#91
1,3,5-Trimethylbenzene
Concen: 41.1189 ug/L
RT: 6.722 min Scan# 990
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:105 Resp: 75819

Ion	Ratio	Lower	Upper
105	100		
120	46.1	17.5	77.5

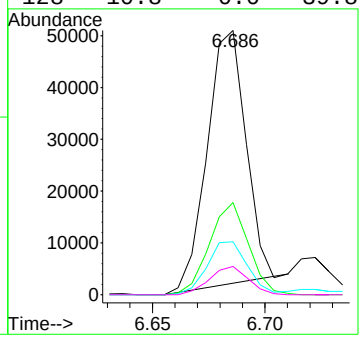


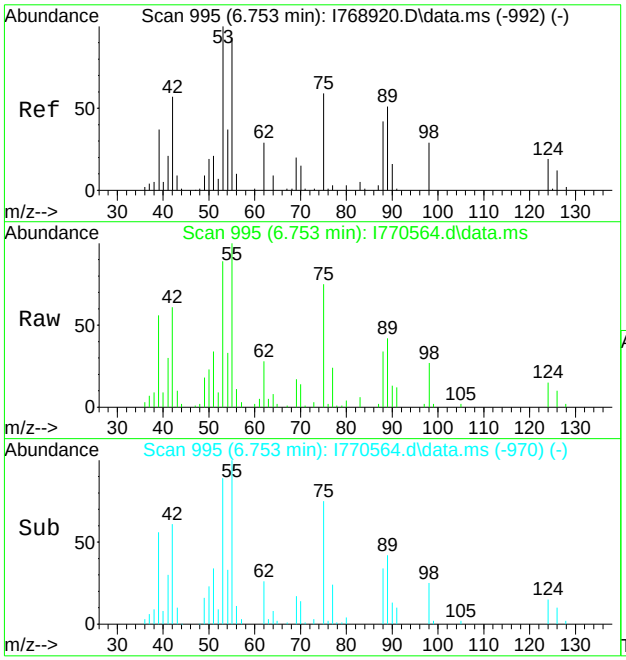


#92
2-Chlorotoluene
Concen: 38.8783 ug/L
RT: 6.686 min Scan# 984
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 59122

Ion	Ratio	Lower	Upper
91	100		
126	34.9	0.4	60.4
89	20.1	0.0	48.4
128	10.8	0.0	39.8

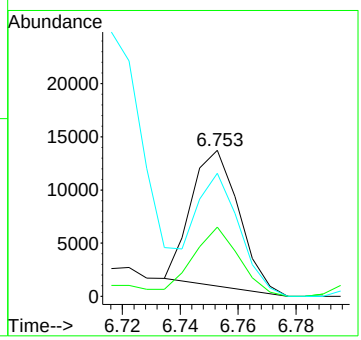


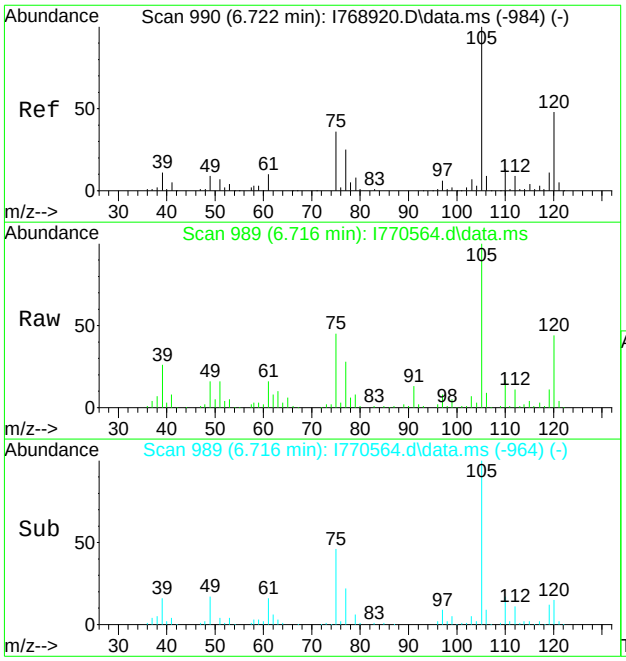


#93
trans-1,4-Dichloro-2-Butene
Concen: 30.1992 ug/L
RT: 6.753 min Scan# 995
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 53 Resp: 14356

Ion	Ratio	Lower	Upper
53	100		
89	47.3	39.5	79.5
75	84.1	80.0	120.0

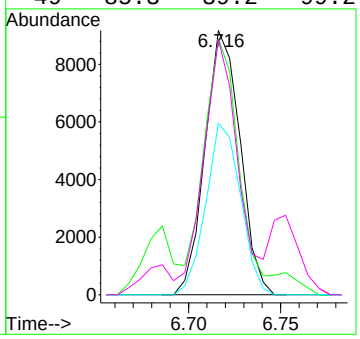


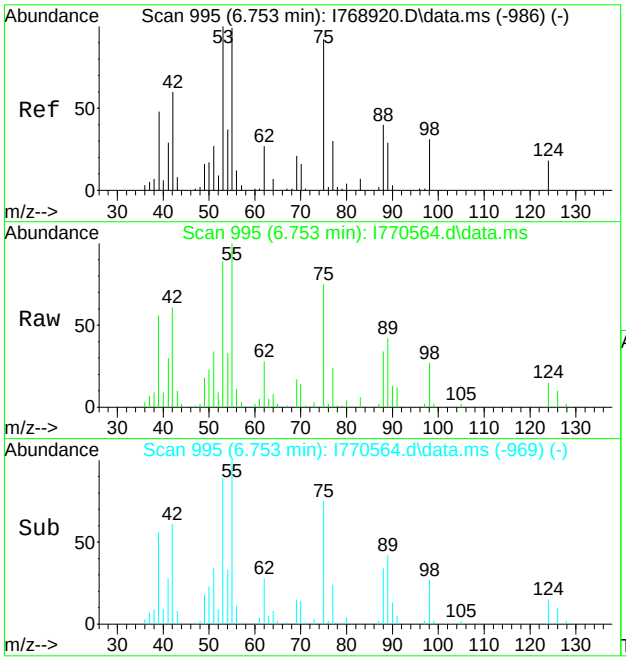


#94
1,2,3-Trichloropropane
Concen: 39.8704 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:110 Resp: 12143

Ion	Ratio	Lower	Upper
110	100		
61	88.6	57.4	117.4
112	64.9	29.8	89.8
49	85.3	39.2	99.2

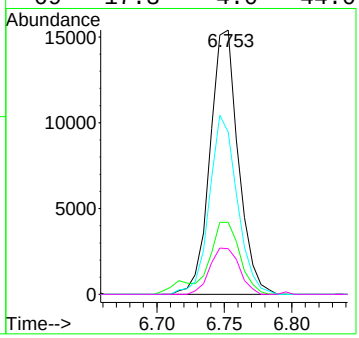


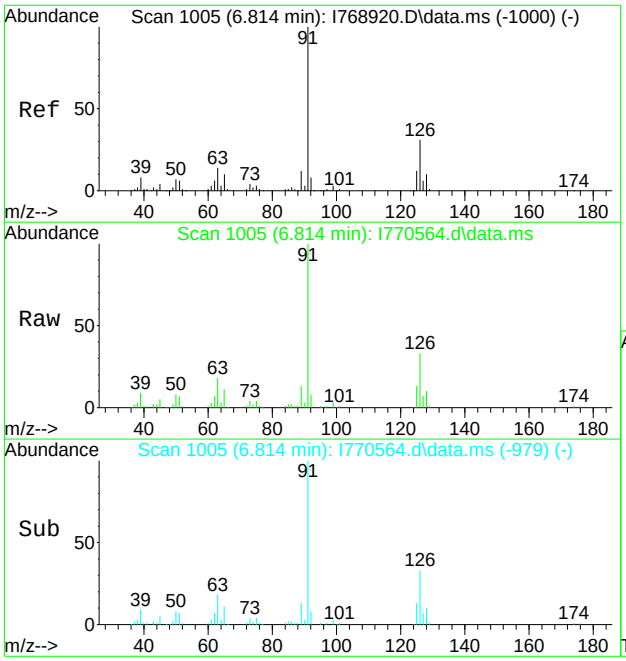


#95
Cyclohexanone
Concen: 224.3707 ug/L
RT: 6.753 min Scan# 995
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 55 Resp: 22496

Ion	Ratio	Lower	Upper
55	100		
98	27.3	20.6	60.6
42	61.4	43.8	83.8
69	17.3	4.0	44.0

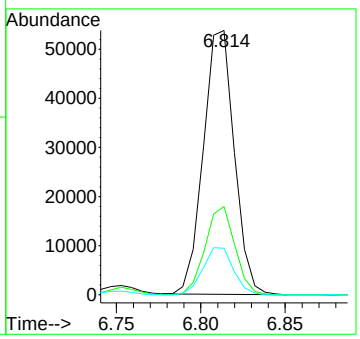


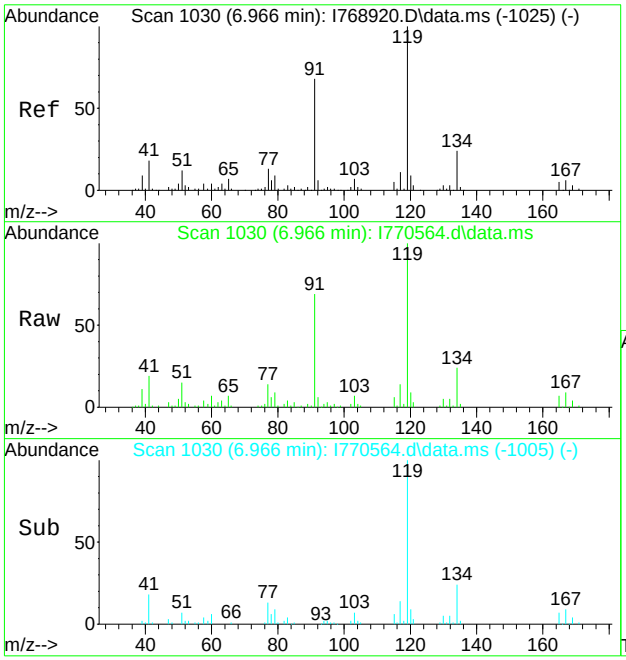


#96
4-Chlorotoluene
Concen: 39.6968 ug/L
RT: 6.814 min Scan# 1005
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 68668

Ion	Ratio	Lower	Upper
91	100		
126	33.4	0.0	59.5
63	17.7	0.0	44.0

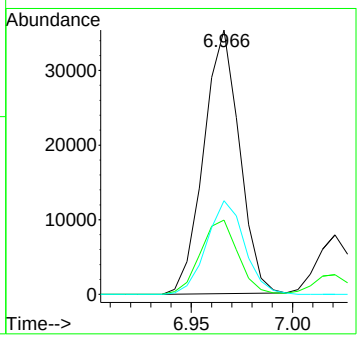


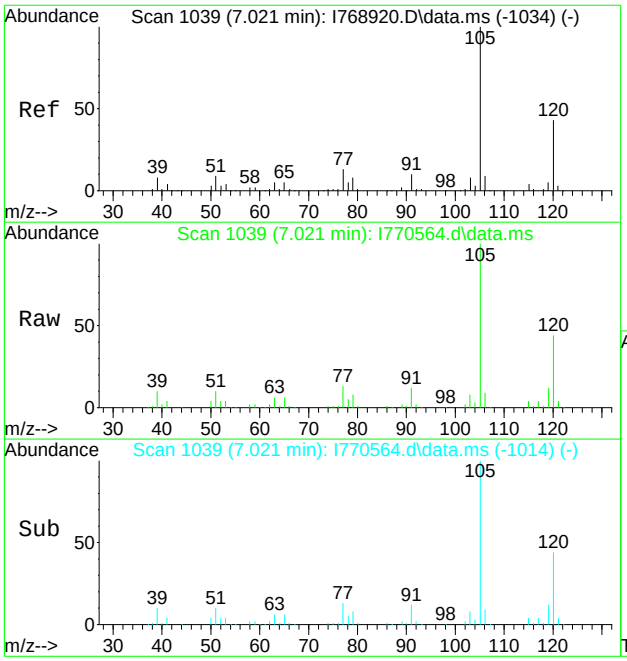


#97
tert-Butylbenzene
Concen: 41.6778 ug/L
RT: 6.966 min Scan# 1030
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 91 Resp: 43480

Ion	Ratio	Lower	Upper
91	100		
41	28.1	0.0	52.9
134	35.4	4.8	64.8

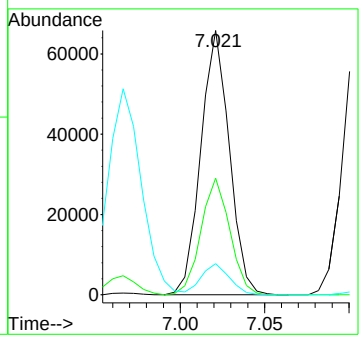


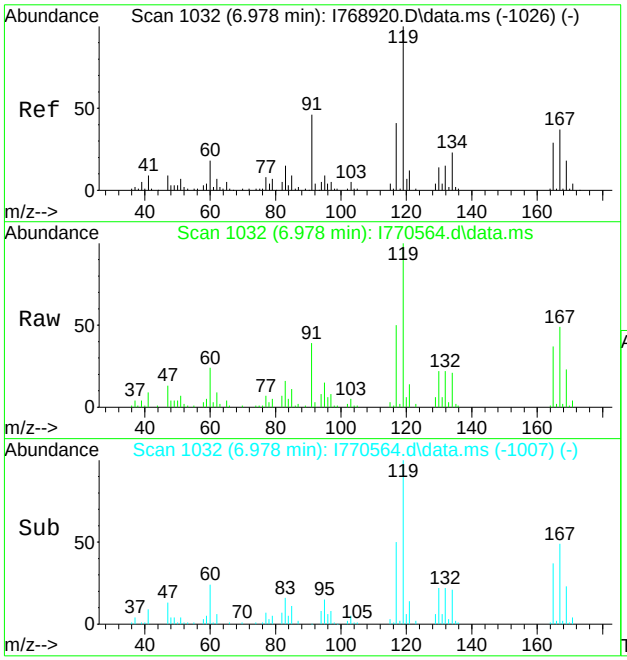


#98
1,2,4-Trimethylbenzene
Concen: 40.7572 ug/L
RT: 7.021 min Scan# 1039
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:105 Resp: 77360

Ion	Ratio	Lower	Upper
105	100		
120	44.1	13.7	73.7
119	11.8	0.0	41.5

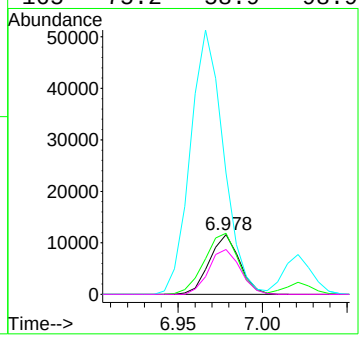


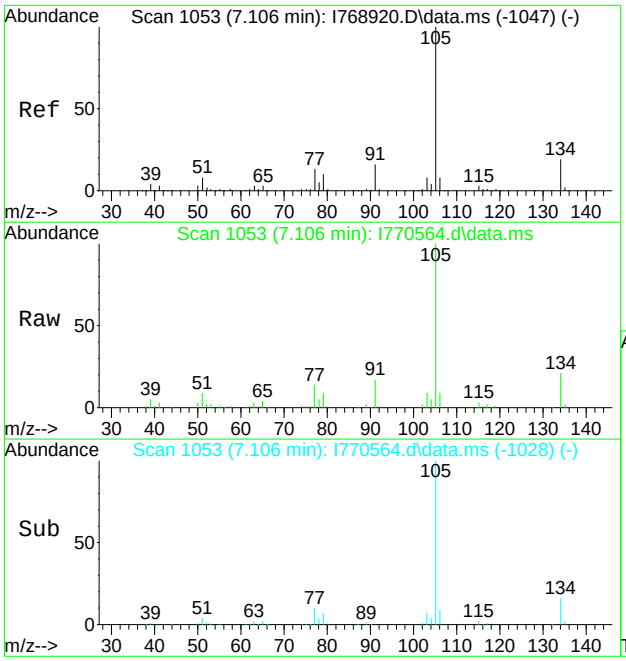


#99
Pentachloroethane
Concen: 40.1795 ug/L
RT: 6.978 min Scan# 1032
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:167 Resp: 14463

Ion	Ratio	Lower	Upper
167	100		
117	102.2	79.4	139.4
119	197.1	554.0	614.0#
165	75.2	58.9	98.9

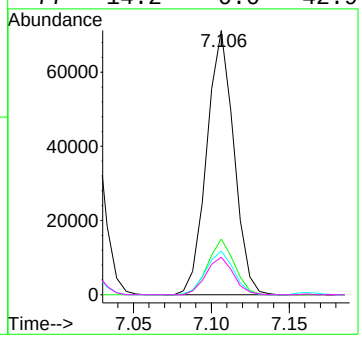


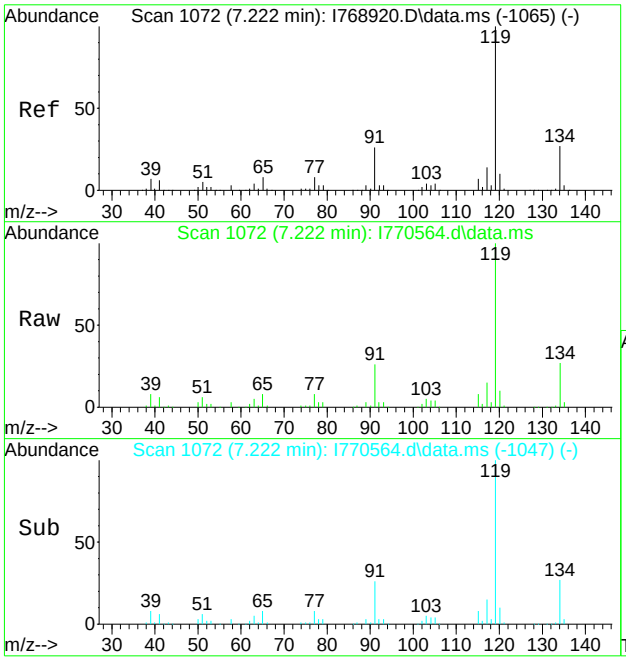


#100
sec-Butylbenzene
Concen: 40.7750 ug/L
RT: 7.106 min Scan# 1053
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:105 Resp: 85845

Ion	Ratio	Lower	Upper
105	100		
134	21.1	0.0	50.2
91	16.6	0.0	46.2
77	14.2	0.0	42.9

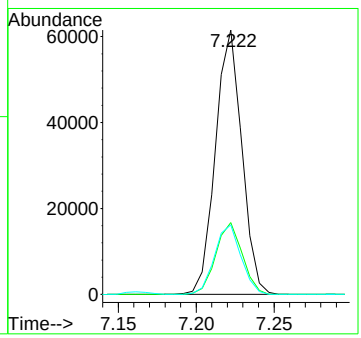


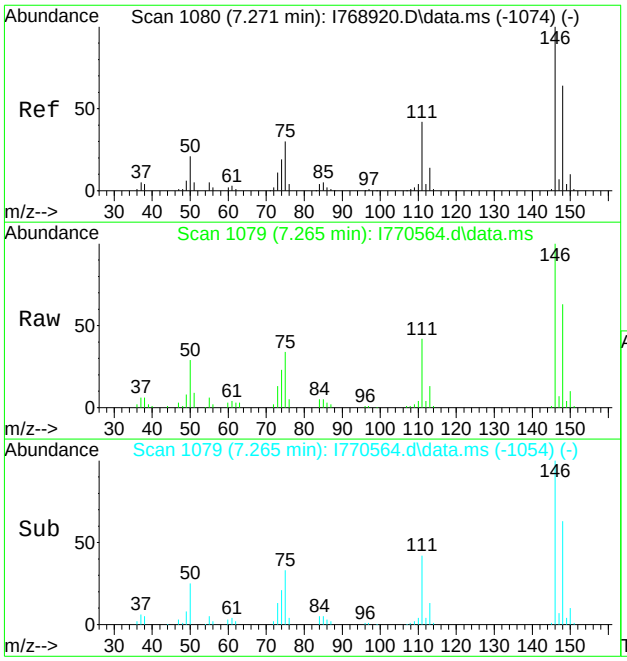


#101
4-Isopropyltoluene
Concen: 41.2320 ug/L
RT: 7.222 min Scan# 1072
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:119 Resp: 72247

Ion	Ratio	Lower	Upper
119	100		
134	27.1	0.0	57.1
91	26.3	0.0	56.2

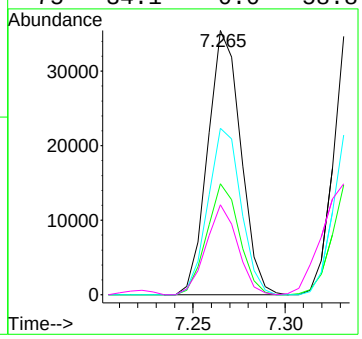


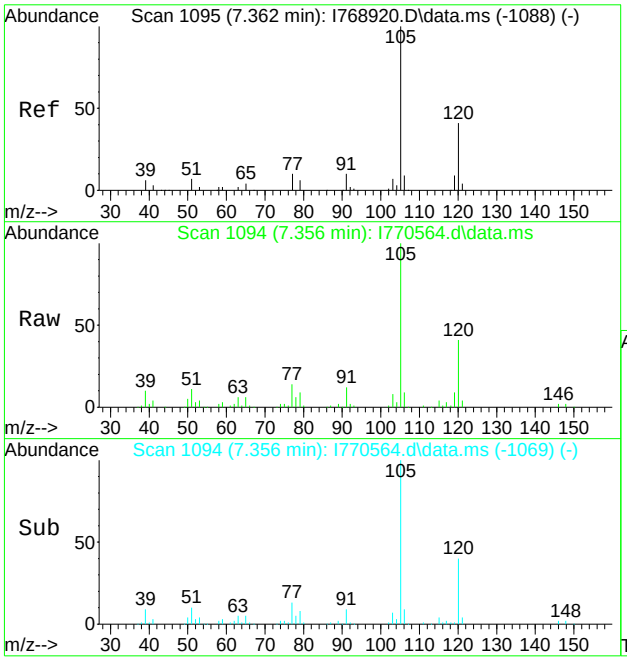


#102
1,3-Dichlorobenzene
Concen: 39.1138 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:146 Resp: 44293

Ion	Ratio	Lower	Upper
146	100		
111	42.0	11.0	71.0
148	63.0	32.9	92.9
75	34.1	0.0	58.8

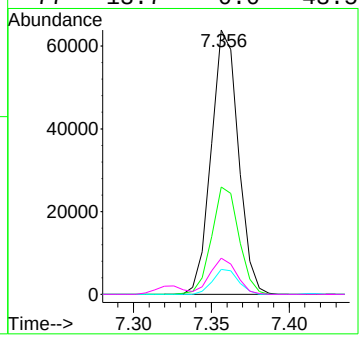


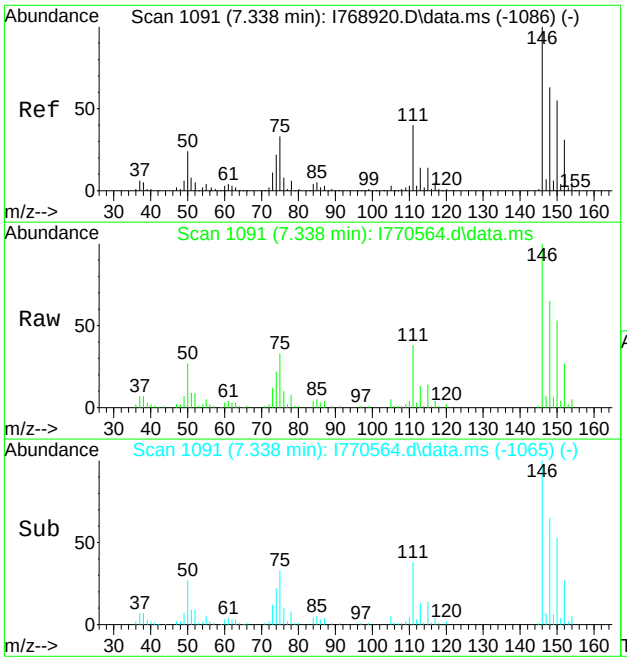


#103
1,2,3-Trimethylbenzene
Concen: 40.4191 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:105 Resp: 76975

Ion	Ratio	Lower	Upper
105	100		
120	40.6	11.0	71.0
119	9.5	0.0	39.1
77	13.7	0.0	43.5

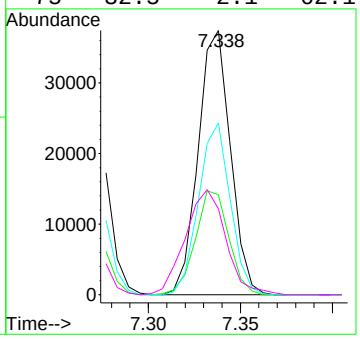


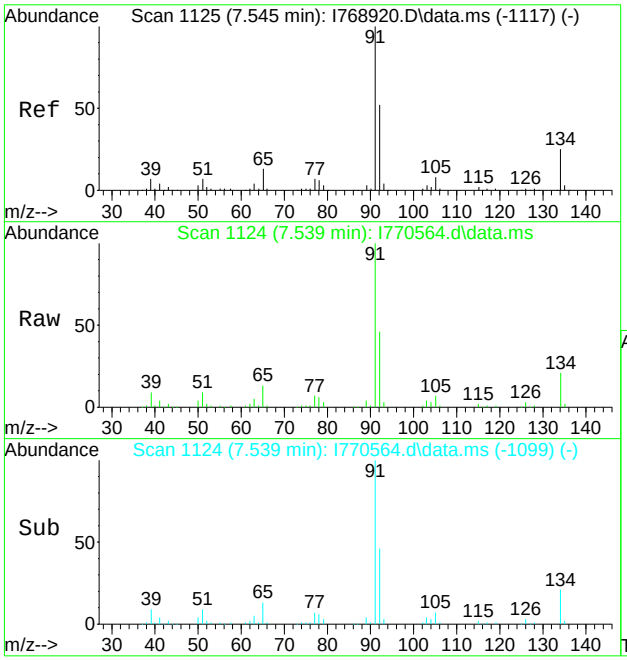


#104
1,4-Dichlorobenzene
Concen: 38.0792 ug/L
RT: 7.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:146 Resp: 45767

Ion	Ratio	Lower	Upper
146	100		
111	37.9	9.8	69.8
148	65.0	33.7	93.7
75	32.5	2.1	62.1

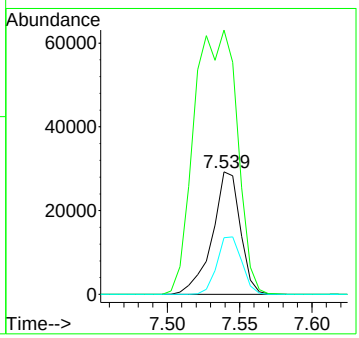


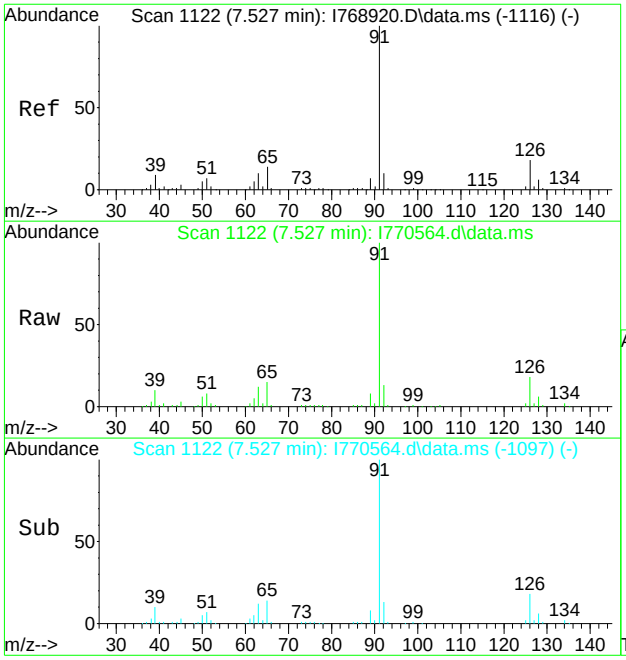


#105
n-Butylbenzene
Concen: 40.3360 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 92 Resp: 39300

Ion	Ratio	Lower	Upper
92	100		
91	215.8	158.3	218.3
134	46.3	16.3	76.3

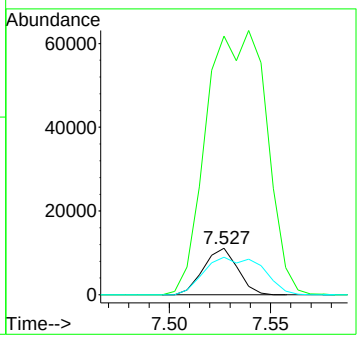


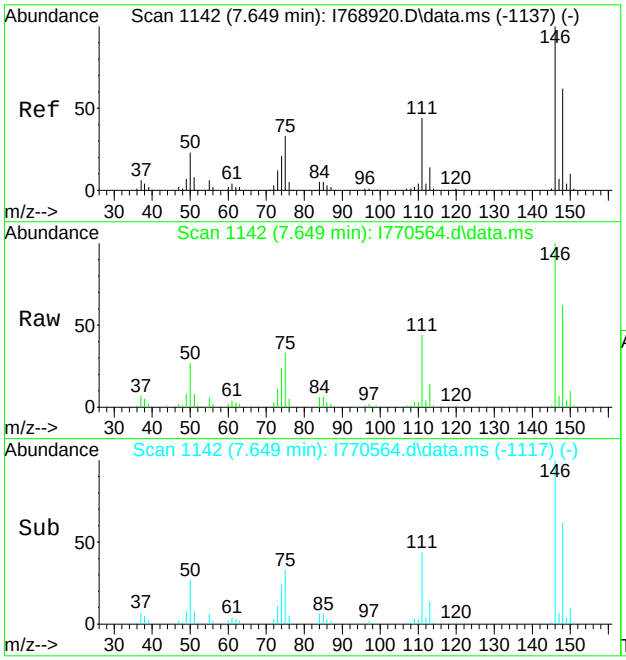


#106
Benzyl Chloride
Concen: 37.6096 ug/L
RT: 7.527 min Scan# 1122
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:126 Resp: 13073

Ion	Ratio	Lower	Upper
126	100		
91	554.8	503.6	543.6#
65	80.6	49.6	89.6

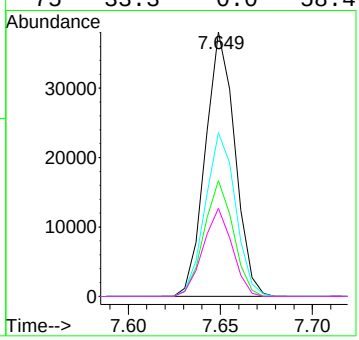


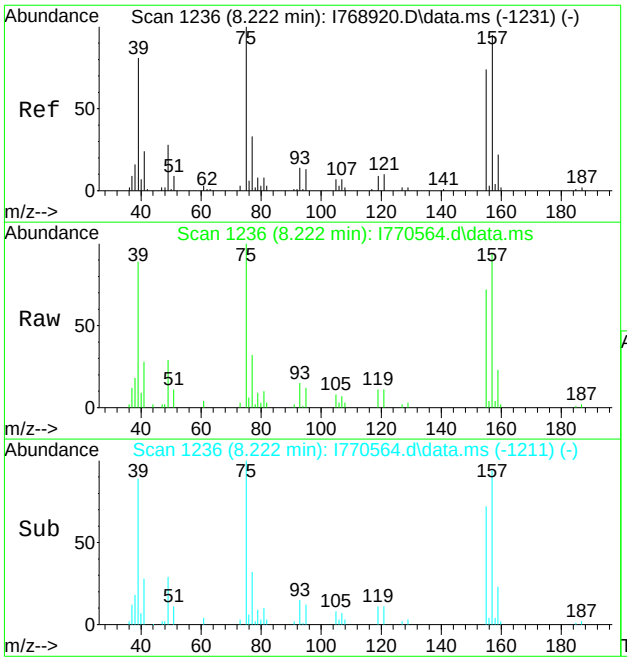


#107
1,2-Dichlorobenzene
Concen: 39.4550 ug/L
RT: 7.649 min Scan# 1142
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:146 Resp: 42603

Ion	Ratio	Lower	Upper
146	100		
111	43.8	11.2	71.2
148	61.9	34.6	94.6
75	33.3	0.0	58.4

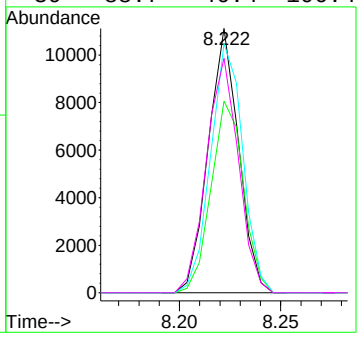


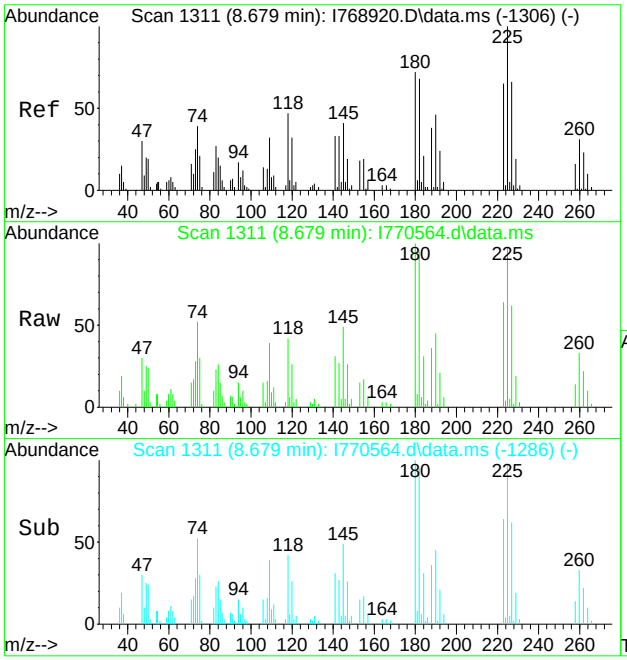


#108
1,2-Dibromo-3-Chloropropane
Concen: 38.6363 ug/L
RT: 8.222 min Scan# 1236
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion: 75 Resp: 11656

Ion	Ratio	Lower	Upper
75	100		
155	72.5	44.6	104.6
157	94.2	64.6	124.6
39	88.7	46.4	106.4

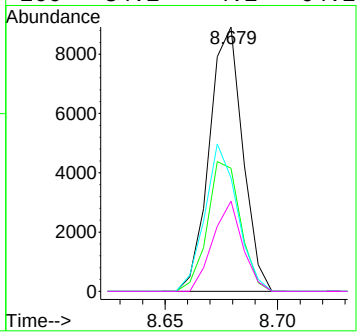


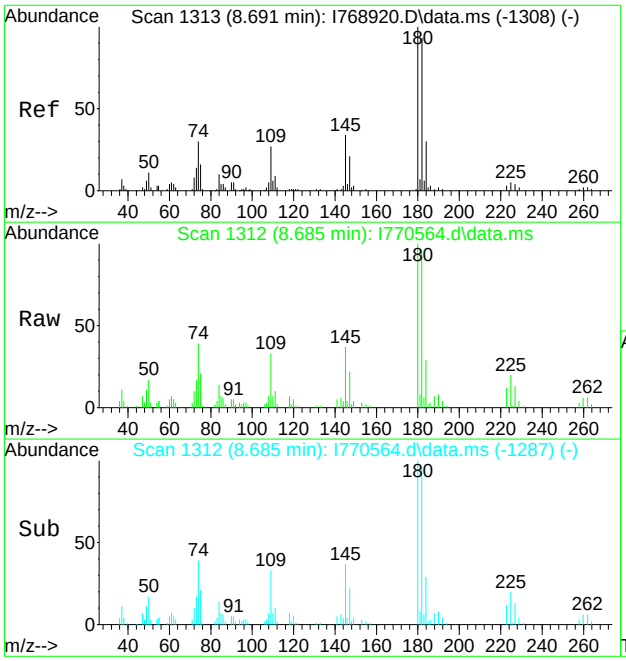


#109
Hexachlorobutadiene
Concen: 38.1444 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:225 Resp: 9233

Ion	Ratio	Lower	Upper
225	100		
190	46.5	14.4	74.4
118	43.0	3.8	63.8
260	34.2	4.2	64.2

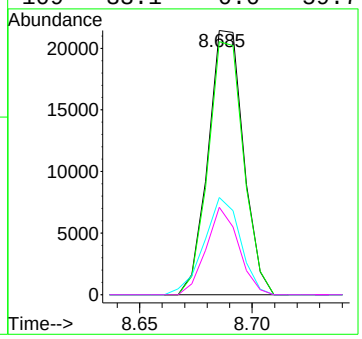


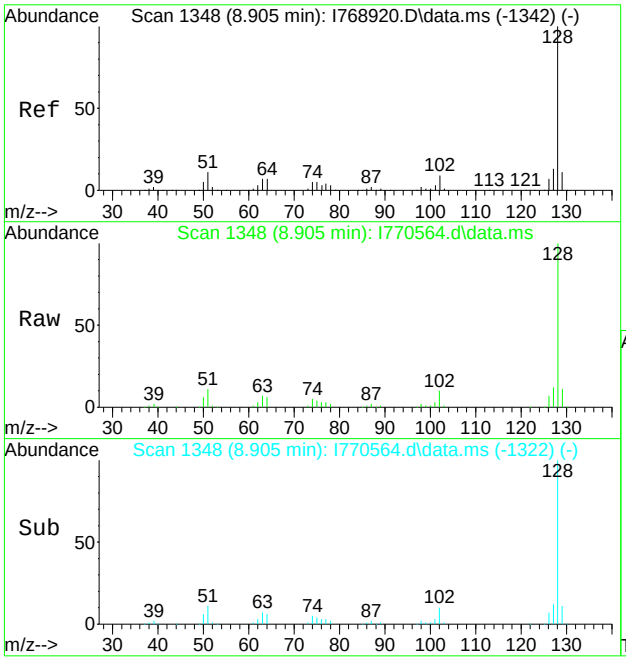


#110
1,2,4-Trichlorobenzene
Concen: 39.7146 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:180 Resp: 23555

Ion	Ratio	Lower	Upper
180	100		
182	95.7	68.0	128.0
145	36.8	4.1	64.1
109	33.1	0.0	59.7

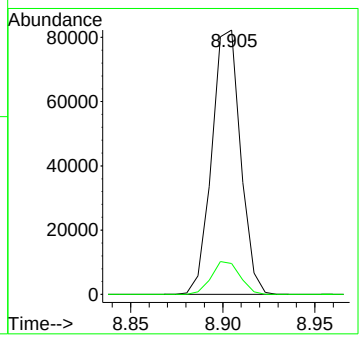


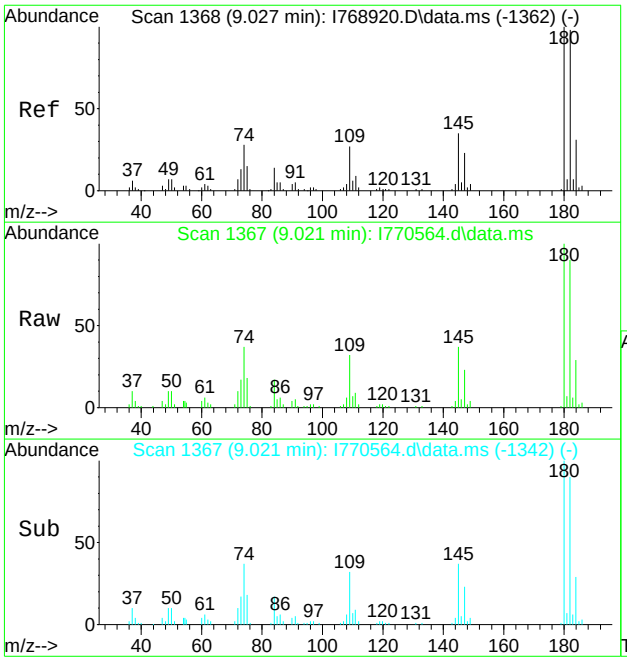


#111
Naphthalene
Concen: 41.3020 ug/L
RT: 8.905 min Scan# 1348
Delta R.T. 0.006 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:128 Resp: 89357

Ion	Ratio	Lower	Upper
128	100		
127	11.6	0.0	42.5

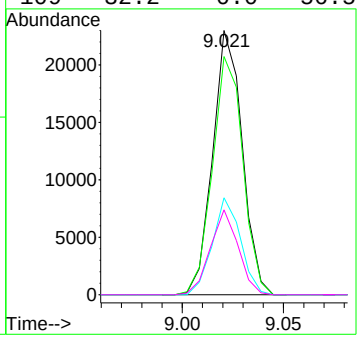




#112
1,2,3-Trichlorobenzene
Concen: 42.4712 ug/L
RT: 9.021 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I770564.d
Acq: 8 Apr 2025 4:07 pm

Tgt Ion:180 Resp: 23340

Ion	Ratio	Lower	Upper
180	100		
182	90.1	64.2	124.2
145	36.7	3.1	63.1
109	32.2	0.0	56.5



SGS -ORLANDO

VOA-GCMS ANALYSIS LOG

Instrument:	MSVOA-16I
Date:	03/30/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3517_03-30-2025.M
Calibration Date:	03/30/2025
Acq. Method:	VI_8260.M
EM Voltage:	1129V
Run ID:	**VI3517**

BFB:	VS4632
ICAL/CC:	VS4602, VS4666, VS4675
VS4658, VS4676, VS4678,VS4671	
ICV/BS:	VS4628, VS4655, VS4649
VS4656, VS4650, VS4672,	
ISTD/Surr.:	VS4632

pH Paper Lot#:	206722/230320
KI Paper Lot#:	14-1860 05/09/2022
AFA Lot#:	VS4405
Data processed by:	Jenifer W
Sample ID Ver. by:	Jenifer W
Date Verified:	03/30/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I770353	BFB	-	-	Water	1	-	-	-	-	Autofind Tune Passed ✓
I770354	IC3517-1	-	-	Water	2	-	-	-	-	1uL→100mL with 273uL MeOH ✓
I770355	IC3517-8	-	-	Water	3	-	-	-	-	2uL→100mL with 266uL MeOH ✓
I770356	IC3517-2	-	-	Water	4	-	-	-	-	5uL→100mL with 245uL MeOH ✓
I770357	IC3517-3	-	-	Water	5	-	-	-	-	10uL→100mL with 210uL MeOH ✓
I770358	IC3517-4	-	-	Water	6	-	-	-	-	25uL→100mL with 105uL MeOH ✓
I770359	ICC3517-5	-	-	Water	7	-	-	-	-	40uL→100mL ✓
I770360	IC3517-6	-	-	Water	8	-	-	-	-	70uL→100mL ✓
I770361	IC3517-7	-	-	Water	9	-	-	-	-	100uL→100mL ✓
I770362	rinse	-	-	Water	10	-	-	-	-	
I770363	ICV3517-5	-	-	Water	11	-	-	-	-	40uL→100mL ✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

SGS -ORLANDO

VOA-GCMS ANALYSIS LOG

Instrument:	MSVOA-16I
Date:	04/07/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3517_03-30-2025.M
Calibration Date:	03/30/2025
Acq. Method:	VI_8260.M
EM Voltage:	1129V
Run ID:	**VI3525**

BFB:	VS4695
ICAL/CC:	VS4679, VS4666, VS4675
VS4658, VS4676, VS4678,VS4693	
ICV/BS:	VS4628, VS4655, VS4677
VS4684, VS4650, VS4688,	
ISTD/Surr.:	VS4695

pH Paper Lot#:	206722/230320
KI Paper Lot#:	14-1860 05/09/2022
AFA Lot#:	VS4405
Data processed by:	Jenifer W/LotusA
Sample ID Ver. by:	Jenifer W
Date Verified:	04/07/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I770505	BFB	-	-	Water	1	-	-	-	-	Autofind Tune Passed ✓
I770506	CC3517-5	-	-	Water	2	-	-	-	-	40uL→100mL PBL#24,40,76,77 ✓
I770507	BS	-	-	Water	3	-	-	-	-	25uL→100mL PBL#24,40,76,77 ✓
I770508	rinse	-	-	Water	4	-	-	-	-	
I770509	MB	-	-	Water	5	-	-	-	-	AFA, ND, TICs✓
I770511	FC23653-5	-	1	Water	6	MS58824	1	N	-	TICs ✓
I770512	FC23653-3	-	1	Water	7	MS58824	1	N	-	TICs ✓
I770513	FC23653-1	-	1	Water	8	MS58824	1	N	-	TICs, ND ✓
I770514	FC23653-2	-	1	Water	9	MS58824	1	N	-	TICs
I770515	FC23653-4	-	1	Water	10	MS58824	1	N	-	TICs
I770516	FC23651-1	-	1	Water	11	MS58824	1	N	-	TICs
I770517	FC23651-2	-	1	Water	12	MS58824	1	N	-	TICs, ND ✓
I770518	FC23652-1	-	1	Water	13	MS58824	6	N	-	TICs, ND ✓
I770519	FC23652-2	-	1	Water	14	MS58824	1	N	-	TICs
I770520	FC23706-14	-	1	Water	15	MS58824	1	N	-	✓
I770521	FC23703-2	-	1	Water	16	MS58824	1	N	-	ND ✓
I770522	FC23703-1	-	1	Water	17	MS58824	1	N	-	Filtered due to silt ✓
I770523	FC23704-1	-	1	Water	18	MS58824	1	N	-	✓
I770524	FC23638-1	-	4	Water	19	MS58824	1	N	-	AFA, ✓
I770525	FC23638-2	-	4	Water	20	MS58824	1	N	-	AFA, ND ✓
I770526	FC23638-3	-	4	Water	21	MS58824	1	N	-	AFA, ND ✓
I770527	FC23638-4	-	4	Water	22	MS58824	1	N	-	AFA, Filtered due to silt, ND ✓
I770528	FC23638-5	-	4	Water	23	MS58824	1	N	-	AFA, ND ✓
I770529	FC23638-6	-	4	Water	24	MS58824	1	N	-	AFA, ND ✓
I770530	FC23638-7	-	4	Water	25	MS58824	1	N	-	AFA, ND ✓
I770531	FC23653-3MS	-	2	Water	26	MS58824	1	N	-	spike 10uL→40mL **PBL#24,40,76,77** ✓
I770532	FC23653-3MSD	-	3	Water	27	MS58824	1	N	-	spike 10uL→40mL **PBL#24,40,76,77** ✓
I770533	ECC3517-5	-	-	Water	28	-	-	-	-	40uL→100mL **PBL#24,40,76,77** ✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

SGS -ORLANDO

VOA-GCMS ANALYSIS LOG

Instrument:	MSVOA-16I
Date:	04/08/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3517_03-30-2025.M
Calibration Date:	03/30/2025
Acq. Method:	VI_8260.M
EM Voltage:	1129V
Run ID:	**VI3526/VI3528**

BFB:	VS4695
ICAL/CC:	VS4679, VS4666, VS4675
VS4658, VS4676, VS4678,VS4693	
ICV/BS:	VS4628, VS4655, VS4677
VS4684, VS4650, VS4694,	
ISTD/Surr.:	VS4695

pH Paper Lot#:	206722/230320
KI Paper Lot#:	14-1860 05/09/2022
AFA Lot#:	VS4405
Data processed by:	Jenifer W/NataliaL
Sample ID Ver. by:	Jenifer W
Date Verified:	04/08/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I770534	BFB	-	-	Water	1	-	-	-	-	Autofind Tune Passed ✓
I770535	CC3517-5	-	-	Water	2	-	-	-	-	40uL→100mL PBL#24,40,76,77 ✓
I770536	BS	-	-	Water	3	-	-	-	-	25uL→100mL PBL#24,40,76,77 ✓
I770537	rinse	-	-	Water	4	-	-	-	-	
I770538	MB	-	-	Water	5	-	-	-	-	AFA, ND, TICs✓
I770539	CC3517-1	-	-	Water	6	-	-	-	-	1uL→100mL ✓
I770540	FC23706-8	-	1	Water	7	MS58826	1	N	-	ND ✓
I770541	FC23706-1	-	1	Water	8	MS58826	1	N	-	ND ✓
I770542	FC23706-2	-	1	Water	9	MS58826	1	N	-	ND ✓
I770543	FC23706-3	-	1	Water	10	MS58826	1	N	-	ND ✓
I770544	FC23706-4	-	1	Water	11	MS58826	1	N	-	No file due to power outage
I770545	rinse	-	-	Water	12	-	-	-	-	ND ✓
I770546	FC23706-4	-	2	Water	13	MS58826	1	N	-	ND ✓
I770547	FC23706-5	-	1	Water	14	MS58826	1	N	-	ND ✓
I770548	FC23706-6	-	1	Water	15	MS58826	1	N	-	✓
I770549	FC23706-7	-	1	Water	16	MS58826	1	N	-	ND ✓
I770550	FC23706-9	-	1	Water	17	MS58826	1	N	-	✓
I770551	FC23706-10	-	1	Water	18	MS58826	1	N	-	ND ✓
I770552	FC23706-11	-	1	Water	19	MS58826	1	N	-	ND ✓
I770553	FC23423-1	-	-	Water	20	MS58826	-	-	-	5uL→100mL✓
I770553A	FC23423-1A	-	-	Water	20	MS58844	-	-	-	5uL→100mL✓
I770554	FC23423-1	5X	-	Water	21	MS58826	-	-	-	1uL→100mL✓
I770554A	FC23423-1A	5X	-	Water	21	MS58844	-	-	-	1uL→100mL✓
I770555	FC23706-12	-	1	Water	22	MS58826	1	N	-	✓
I770556	FC23706-13	-	1	Water	23	MS58826	1	N	-	✓
I770557	FC23702-2	-	1	Water	24	MS58826	1	N	-	Ecombine C12DCE and TCE✓
I770558	**FC23702-14**	5X	1	Water	25	MS58826	1	N	**10X**	10mL→50mL C12DCE OR
I770559	FC23702-13	10X	1	Water	26	MS58826	1	N	-	5mL→50mL✓
I770560	FC23702-11	50X	1	Water	27	MS58826	1	N	-	1mL→50mL✓
I770561	**FC23702-5**	25X	1	Water	28	MS58826	1	N	**10x**	2mL→50mL Overdilute
I770562	FC23706-8MS	-	2	Water	29	MS58826	1	N	-	spike 10uL→40mL PBL#24,40,76,77 ✓
I770563	FC23706-8MSD	-	3	Water	30	MS58826	1	N	-	spike 10uL→40mL PBL#24,40,76,77 ✓
I770564	ECC3517-5	-	-	Water	31	-	-	-	-	40uL→100mL PBL#24,40,76,77 ✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

Appendix E-2
2025 Quarter 2 Laboratory Data Package

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The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Bhate Environmental

Griffiss AFB; Rome, NY

GRFIS-BECOS

SGS Job Number: FC25417

Sampling Dates: 06/10/25 - 06/11/25



Report to:

Bhate Environmental
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Birmingham, AL 35205
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atorres@bhate.com
ATTN: Marcia Olive

Total number of pages in report: **458**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Norm Farmer
Technical Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI. MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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SGS North America Inc.

Sample Summary

Bhate Environmental

Job No: FC25417

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC25417-1	06/11/25	09:40	SGW	06/13/25	AQ	Ground Water	789MW-135_0525
FC25417-2	06/10/25	10:12	SGW	06/13/25	AQ	Ground Water	789MW-46R_0525
FC25417-3	06/11/25	08:44	SGW	06/13/25	AQ	Ground Water	789MW-83_0525
FC25417-4	06/11/25	10:46	SGW	06/13/25	AQ	Ground Water	789MW-95_0525
FC25417-5	06/11/25	14:10	SGW	06/13/25	AQ	Ground Water	789MW-99_0525
FC25417-6	06/11/25	14:20	SGW	06/13/25	AQ	Ground Water	789MW-99_0525-A
FC25417-7	06/11/25	08:39	SGW	06/13/25	AQ	Ground Water	789MW-216_0525
FC25417-8	06/11/25	09:45	SGW	06/13/25	AQ	Ground Water	789MW-222_0525
FC25417-8D	06/11/25	09:50	SGW	06/13/25	AQ	Water Dup/MSD	789MW-222_0525
FC25417-8S	06/11/25	09:55	SGW	06/13/25	AQ	Water Matrix Spike	789MW-222_0525
FC25417-9	06/10/25	12:00	SGW	06/13/25	AQ	Ground Water	789MW-251_0525
FC25417-10	06/11/25	14:00	SGW	06/13/25	AQ	Water	789-AB01_0525-D
FC25417-11	06/10/25	08:00	SGW	06/13/25	AQ	Trip Blank Water	789-TB01_0525-C

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental **Job No:** FC25417

Site: Griffiss AFB; Rome, NY **Report Date** 6/18/2025 10:35:00

On 06/13/2025, 10 Sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 4.6 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC25417 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VI3607

Sample(s) FC25417-8MS, FC25417-8MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Styrene are outside control limits.

VI3607-MB: Sample was treated with an anti-foaming agent.

FC25417-1 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-1 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-1 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-2 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-2: Sample was treated with an anti-foaming agent.

FC25417-3 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-3 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-3 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-4 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-4 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-4 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-5 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-5 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-5 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-6 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-6 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-6 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-7 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-7 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-7 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-8 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-8 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-8 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-9 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-9 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-9 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-10 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-10 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-10 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-11 for Bromochloromethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-11 for Bromoform: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC25417-11 for Styrene: Associated CCV outside of DOD QSM control limits high, sample is ND.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Kim Benham, Report Generation (signature on file)

Summary of Hits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC25417-1	**789MW-135_0525**					
No hits reported in this sample.						
FC25417-2	**789MW-46R_0525**					
No hits reported in this sample.						
FC25417-3	**789MW-83_0525**					
No hits reported in this sample.						
FC25417-4	**789MW-95_0525**					
No hits reported in this sample.						
FC25417-5	**789MW-99_0525**					
Benzene		0.94 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		2.0	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.37 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		1.3 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		0.47 J	1.0	0.50	ug/l	SW846 8260D
Toluene		0.49 J	1.0	0.50	ug/l	SW846 8260D
FC25417-6	**789MW-99_0525-A**					
Benzene		1.5	1.0	0.50	ug/l	SW846 8260D
2-Butanone (MEK)		7.6	5.0	3.5	ug/l	SW846 8260D
sec-Butylbenzene		0.56 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		3.6	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.76 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		2.6 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		1.0	1.0	0.50	ug/l	SW846 8260D
Toluene		0.77 J	1.0	0.50	ug/l	SW846 8260D
FC25417-7	**789MW-216_0525**					
No hits reported in this sample.						
FC25417-8	**789MW-222_0525**					
No hits reported in this sample.						

Summary of Hits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC25417-9	**789MW-251_0525**					
Acetone		84.0	25	20	ug/l	SW846 8260D
2-Butanone (MEK)		2.7 J	5.0	3.5	ug/l	SW846 8260D
FC25417-10	**789-AB01_0525-D**					
No hits reported in this sample.						
FC25417-11	**789-TB01_0525-C**					
No hits reported in this sample.						

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-135_0525		
Lab Sample ID:	FC25417-1	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772346.D	1	06/17/25 08:56	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_0525		
Lab Sample ID:	FC25417-1	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_0525		
Lab Sample ID:	FC25417-1	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-46R_0525		
Lab Sample ID:	FC25417-2	**Date Sampled:**	06/10/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I772347.D	1	06/17/25 09:13	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [b]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [b]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0525		
Lab Sample ID:	FC25417-2	**Date Sampled:**	06/10/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [b]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0525		
Lab Sample ID:	FC25417-2	**Date Sampled:**	06/10/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was treated with an anti-foaming agent.
(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-83_0525		
Lab Sample ID:	FC25417-3	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772348.D	1	06/17/25 09:29	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_0525		
Lab Sample ID:	FC25417-3	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_0525		
Lab Sample ID:	FC25417-3	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-95_0525		
Lab Sample ID:	FC25417-4	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772349.D	1	06/17/25 09:45	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0525		
Lab Sample ID:	FC25417-4	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0525		
Lab Sample ID:	FC25417-4	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: 789MW-99_0525
Lab Sample ID: FC25417-5
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 06/11/25
Date Received: 06/13/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772350.D	1	06/17/25 10:02	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.94	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0525		
Lab Sample ID:	FC25417-5	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	2.0	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.37	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	1.3	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	0.47	1.0	0.50	0.29	ug/l	J
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.49	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0525		
Lab Sample ID:	FC25417-5	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	104%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-99_0525-A		
Lab Sample ID:	FC25417-6	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772351.D	1	06/17/25 10:18	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	1.5	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	7.6	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.56	1.0	0.50	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0525-A		
Lab Sample ID:	FC25417-6	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	3.6	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.76	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.6	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	1.0	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.77	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0525-A		
Lab Sample ID:	FC25417-6	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-216_0525		
Lab Sample ID:	FC25417-7	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772352.D	1	06/17/25 10:34	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0525		
Lab Sample ID:	FC25417-7	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0525		
Lab Sample ID:	FC25417-7	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-222_0525		
Lab Sample ID:	FC25417-8	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772344.D	1	06/17/25 08:24	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_0525		
Lab Sample ID:	FC25417-8	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_0525		
Lab Sample ID:	FC25417-8	**Date Sampled:**	06/11/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: 789MW-251_0525
Lab Sample ID: FC25417-9
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 06/10/25
Date Received: 06/13/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772353.D	1	06/17/25 10:51	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	84.0	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	2.7	5.0	3.5	2.0	ug/l	J
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0525		
Lab Sample ID:	FC25417-9	**Date Sampled:**	06/10/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0525		
Lab Sample ID:	FC25417-9	**Date Sampled:**	06/10/25
Matrix:	AQ - Ground Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789-AB01_0525-D		
Lab Sample ID:	FC25417-10	**Date Sampled:**	06/11/25
Matrix:	AQ - Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772354.D	1	06/17/25 11:07	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_0525-D		
Lab Sample ID:	FC25417-10	**Date Sampled:**	06/11/25
Matrix:	AQ - Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_0525-D		
Lab Sample ID:	FC25417-10	**Date Sampled:**	06/11/25
Matrix:	AQ - Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		79-125%
2037-26-5	Toluene-D8	94%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: 789-TB01_0525-C
Lab Sample ID: FC25417-11
Matrix: AQ - Trip Blank Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 06/10/25
Date Received: 06/13/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I772345.D	1	06/17/25 08:40	JW	n/a	n/a	VI3607
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane [a]	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform [a]	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_0525-C		
Lab Sample ID:	FC25417-11	**Date Sampled:**	06/10/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene [a]	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_0525-C		
Lab Sample ID:	FC25417-11	**Date Sampled:**	06/10/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	06/13/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		79-125%
2037-26-5	Toluene-D8	93%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

(a) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- QC Evaluation: DOD QSM5.x Limits

FC25417

CHAIN-OF-CUSTODY RECORD

BEAB
Alex Torres
445 Union Boulevard, Suite 103 Lakewood, CO 80228
atorres@bhate.com

COC # SS067GW25Q2

Project Name: Griffiss Air Force Base, BECOS	Laboratory: SGS North America, Inc., Orlando, FL	Event: 2025 Griffiss Petro Q2
Project Number: GRFIS-BECOS	POC: Jean Dent-Smith, 407-425-6700 x 14911, jean.dent-smith@sgs.com	
WBS Code:	Ship to: 4405 Vineland Road, Suite C-15, Orlando FL 32811	

Comments:
SW8260D (A) = VOCs SGS

Equipment:

Code	Matrix
WG	Ground Water
WQ	Water Quality Control Matrix

Code	Container/Preservative
31	3x 40 mL glass vials, HCl to pH <2, Cool to 0-6 °C, no headspace

Event: 2025 Griffiss Petro Q2

	Sample ID	Matrix	Date	Time	Samp Init.	Analytical Test Method: SW8260D (A) (31)	Location ID	Sample Type	Depth (ft bgs) Top	Depth (ft bgs) Bottom	Cooler	Comments
1	789MW-135_0525	WG	6/11/25	0940	AS	X	WL-789MW-135	N1	23.00	33.00	1	None
2	789MW-46R_0525	WG	6/10/25	1012	AG	X	WL-789MW-46R	N1	14.00	29.00	1	None
3	789MW-83_0525	WG	6/11/25	0944	AS	X	WL-789MW-83	N1	21.00	31.00	1	None
4	789MW-95_0525	WG	6/11/25	1046	AG	X	WL-789MW-95	N1	10.50	20.50	1	None
5	789MW-98_0525	WG	—	—	—	X	WL-789MW-98	N1	10.00	20.00	1	Jet fuel present
6	789MW-99_0525	WG	6/11/25	1410	AG	X	WL-789MW-99	N1	14.50	24.50	1	None
7	789MW-99_0525-A	WG	6/11/25	1420	AG	X	WL-789MW-99	FD1	14.50	24.50	1	None
8	789MW-102_0525	WG	—	—	—	X	WL-789MW-102	N1	5	15	1	Jet fuel present
9	789MW-216_0525	WG	6/11/25	0839	AG	X	WL-789MW-216	N1	19.00	29.00	1	None
10	789MW-222_0525	WG	6/11/25	0945	AG	X	WL-789MW-222	N1	18.00	28.00	1	None
11	789MW-222_0525-MS	WG	6/11/25	0950	AG	X	WL-789MW-222	MS1	18.00	28.00	1	None
12	789MW-222_0525-SD	WG	6/11/25	0955	AG	X	WL-789MW-222	SD1	18.00	28.00	1	None
13	789MW-251_0525	WG	6/10/25	1200	AG	X	WL-789MW-251	N1	4.80	29.80	1	2/3 vols effervescent
14	789SW-02_0525	WG	—	—	—	X	789SW-02	N1	0.00	0.00	1	Flooded, can not sample
15	789SW-03_0525	WG	—	—	—	X	789SW-03	N1	0.00	0.00	1	Flooded, can not sample
16	789SW-04_0525	WG	—	—	—	X	789SW-04	N1	0.00	0.00	1	Flooded, Can not Sample
17	789-AB01_0525-D	WQ	6/11/25	1400	GW	X	FIELDQC	AB1	0.00	0.00	1	None
18	789-TB01_0525-C	WQ	6/10/25	0800	GW	X	FIELDQC	TB1	0.00	0.00	1	~~None~~ PRE-FILLED

Turnaround Time: 21 days

INITIAL ASSESSMENT
LABEL VERIFICATION
4.6 IR#1

Relinquished by: (Signature)
Date 6/12/25
Time 1200
Received by: (Signature)
GRFIS_COC_2025 Griffiss Petro 2Q.xlsx

Date 6/13/25 0945
Time
Shipping Date:
Received by Laboratory: ***(Signature, Date, Time)*** & condition

FC25417: Chain of Custody
Page 1 of 2

SGS - Orlando Sample Receipt Summary

Job Number: fc25417 **Client:** BEAB **Project:** GRIFFISS AIR FORCE BASE BECOS

Date / Time Received: 6/13/2025 9:45:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 450418307126

Cooler Temps (Raw Measured) °C: Cooler 1: (4.6);

Cooler Temps (Corrected) °C: Cooler 1: (4.6);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐

	W	or	S	N/A
3. Type of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☑		☐	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: 226422 pH 10-12:

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify) 0-14 210224

Comments DID NOT RECEIVE SAMPLES:
MW-98, MW-102, SW-02, SW-03, SW-04

Sample Receipt Summary 112723 EK Technician: HALEIGHR Date: 6/13/2025 1:46:51 PM Reviewer: Date:

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3607	SW846 8260D						
VI3607-BS	67-64-1	Acetone	BSP	REC	103	%	39-160
VI3607-BS	71-43-2	Benzene	BSP	REC	112	%	79-120
VI3607-BS	108-86-1	Bromobenzene	BSP	REC	111	%	80-120
VI3607-BS	74-97-5	Bromochloromethane	BSP	REC	115	%	78-123
VI3607-BS	75-27-4	Bromodichloromethane	BSP	REC	106	%	79-125
VI3607-BS	75-25-2	Bromoform	BSP	REC	111	%	66-130
VI3607-BS	78-93-3	2-Butanone (MEK)	BSP	REC	112	%	56-143
VI3607-BS	104-51-8	n-Butylbenzene	BSP	REC	116	%	75-128
VI3607-BS	135-98-8	sec-Butylbenzene	BSP	REC	107	%	77-126
VI3607-BS	98-06-6	tert-Butylbenzene	BSP	REC	107	%	78-124
VI3607-BS	75-15-0	Carbon Disulfide	BSP	REC	98	%	64-133
VI3607-BS	56-23-5	Carbon Tetrachloride	BSP	REC	109	%	72-136
VI3607-BS	108-90-7	Chlorobenzene	BSP	REC	111	%	82-118
VI3607-BS	75-00-3	Chloroethane	BSP	REC	84	%	60-138
VI3607-BS	67-66-3	Chloroform	BSP	REC	108	%	79-124
VI3607-BS	95-49-8	o-Chlorotoluene	BSP	REC	108	%	79-122
VI3607-BS	106-43-4	p-Chlorotoluene	BSP	REC	108	%	78-122
VI3607-BS	124-48-1	Dibromochloromethane	BSP	REC	116	%	74-126
VI3607-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	97	%	62-128
VI3607-BS	106-93-4	1,2-Dibromoethane	BSP	REC	112	%	77-121
VI3607-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	79	%	32-152
VI3607-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	110	%	80-119
VI3607-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	110	%	80-119
VI3607-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	110	%	79-118
VI3607-BS	75-34-3	1,1-Dichloroethane	BSP	REC	108	%	77-125
VI3607-BS	107-06-2	1,2-Dichloroethane	BSP	REC	102	%	73-128
VI3607-BS	75-35-4	1,1-Dichloroethylene	BSP	REC	98	%	71-131
VI3607-BS	156-59-2	cis-1,2-Dichloroethylene	BSP	REC	112	%	78-123
VI3607-BS	156-60-5	trans-1,2-Dichloroethylene	BSP	REC	104	%	75-124
VI3607-BS	540-59-0	1,2-Dichloroethene (total)	BSP	REC	108	%	79-121
VI3607-BS	78-87-5	1,2-Dichloropropane	BSP	REC	113	%	78-122
VI3607-BS	142-28-9	1,3-Dichloropropane	BSP	REC	111	%	80-119
VI3607-BS	594-20-7	2,2-Dichloropropane	BSP	REC	107	%	60-139
VI3607-BS	563-58-6	1,1-Dichloropropene	BSP	REC	124	%	79-125
VI3607-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	114	%	75-124
VI3607-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	109	%	73-127
VI3607-BS	100-41-4	Ethylbenzene	BSP	REC	108	%	79-121
VI3607-BS	87-68-3	Hexachlorobutadiene	BSP	REC	120	%	66-134
VI3607-BS	591-78-6	2-Hexanone	BSP	REC	104	%	57-139
VI3607-BS	98-82-8	Isopropylbenzene	BSP	REC	114	%	72-131
VI3607-BS	99-87-6	p-Isopropyltoluene	BSP	REC	108	%	77-127
VI3607-BS	74-83-9	Methyl Bromide	BSP	REC	96	%	53-141

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3607-BS	74-87-3	Methyl Chloride	BSP	REC	99	%	50-139
VI3607-BS	74-95-3	Methylene Bromide	BSP	REC	111	%	79-123
VI3607-BS	75-09-2	Methylene Chloride	BSP	REC	98	%	74-124
VI3607-BS	108-10-1	4-Methyl-2-pentanone (MIBK)	BSP	REC	110	%	67-130
VI3607-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	101	%	71-124
VI3607-BS	91-20-3	Naphthalene	BSP	REC	108	%	61-128
VI3607-BS	103-65-1	n-Propylbenzene	BSP	REC	110	%	76-126
VI3607-BS	100-42-5	Styrene	BSP	REC	120	%	78-123
VI3607-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	114	%	78-124
VI3607-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	102	%	71-121
VI3607-BS	127-18-4	Tetrachloroethylene	BSP	REC	120	%	74-129
VI3607-BS	108-88-3	Toluene	BSP	REC	110	%	80-121
VI3607-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	112	%	69-129
VI3607-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	111	%	69-130
VI3607-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	112	%	74-131
VI3607-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	115	%	80-119
VI3607-BS	79-01-6	Trichloroethylene	BSP	REC	112	%	79-123
VI3607-BS	75-69-4	Trichlorofluoromethane	BSP	REC	87	%	65-141
VI3607-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	107	%	73-122
VI3607-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	112	%	76-124
VI3607-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	108	%	75-124
VI3607-BS	108-05-4	Vinyl Acetate	BSP	REC	110	%	54-146
VI3607-BS	75-01-4	Vinyl Chloride	BSP	REC	99	%	58-137
VI3607-BS		m,p-Xylene	BSP	REC	109	%	80-121
VI3607-BS	95-47-6	o-Xylene	BSP	REC	108	%	78-122
VI3607-BS	1330-20-7	Xylene (total)	BSP	REC	109	%	79-121
VI3607-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	106	%	80-119
VI3607-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	96	%	81-118
VI3607-BS	2037-26-5	Toluene-D8	BSP	SURR	96	%	89-112
VI3607-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	85-114
FC25417-8MS	67-64-1	Acetone	MS	REC	86	%	39-160
FC25417-8MS	71-43-2	Benzene	MS	REC	105	%	79-120
FC25417-8MS	108-86-1	Bromobenzene	MS	REC	97	%	80-120
FC25417-8MS	74-97-5	Bromochloromethane	MS	REC	108	%	78-123
FC25417-8MS	75-27-4	Bromodichloromethane	MS	REC	96	%	79-125
FC25417-8MS	75-25-2	Bromoform	MS	REC	99	%	66-130
FC25417-8MS	78-93-3	2-Butanone (MEK)	MS	REC	97	%	56-143
FC25417-8MS	104-51-8	n-Butylbenzene	MS	REC	98	%	75-128
FC25417-8MS	135-98-8	sec-Butylbenzene	MS	REC	96	%	77-126
FC25417-8MS	98-06-6	tert-Butylbenzene	MS	REC	96	%	78-124
FC25417-8MS	75-15-0	Carbon Disulfide	MS	REC	90	%	64-133
FC25417-8MS	56-23-5	Carbon Tetrachloride	MS	REC	91	%	72-136
FC25417-8MS	108-90-7	Chlorobenzene	MS	REC	103	%	82-118
FC25417-8MS	75-00-3	Chloroethane	MS	REC	92	%	60-138
FC25417-8MS	67-66-3	Chloroform	MS	REC	101	%	79-124

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-8MS	95-49-8	o-Chlorotoluene	MS	REC	95	%	79-122
FC25417-8MS	106-43-4	p-Chlorotoluene	MS	REC	96	%	78-122
FC25417-8MS	124-48-1	Dibromochloromethane	MS	REC	102	%	74-126
FC25417-8MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	84	%	62-128
FC25417-8MS	106-93-4	1,2-Dibromoethane	MS	REC	102	%	77-121
FC25417-8MS	75-71-8	Dichlorodifluoromethane	MS	REC	86	%	32-152
FC25417-8MS	95-50-1	1,2-Dichlorobenzene	MS	REC	98	%	80-119
FC25417-8MS	541-73-1	1,3-Dichlorobenzene	MS	REC	98	%	80-119
FC25417-8MS	106-46-7	1,4-Dichlorobenzene	MS	REC	98	%	79-118
FC25417-8MS	75-34-3	1,1-Dichloroethane	MS	REC	99	%	77-125
FC25417-8MS	107-06-2	1,2-Dichloroethane	MS	REC	94	%	73-128
FC25417-8MS	75-35-4	1,1-Dichloroethylene	MS	REC	92	%	71-131
FC25417-8MS	156-59-2	cis-1,2-Dichloroethylene	MS	REC	106	%	78-123
FC25417-8MS	156-60-5	trans-1,2-Dichloroethylene	MS	REC	94	%	75-124
FC25417-8MS	540-59-0	1,2-Dichloroethene (total)	MS	REC	100	%	79-121
FC25417-8MS	78-87-5	1,2-Dichloropropane	MS	REC	103	%	78-122
FC25417-8MS	142-28-9	1,3-Dichloropropane	MS	REC	101	%	80-119
FC25417-8MS	594-20-7	2,2-Dichloropropane	MS	REC	98	%	60-139
FC25417-8MS	563-58-6	1,1-Dichloropropene	MS	REC	118	%	79-125
FC25417-8MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	95	%	75-124
FC25417-8MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	96	%	73-127
FC25417-8MS	100-41-4	Ethylbenzene	MS	REC	88	%	79-121
FC25417-8MS	87-68-3	Hexachlorobutadiene	MS	REC	92	%	66-134
FC25417-8MS	591-78-6	2-Hexanone	MS	REC	91	%	57-139
FC25417-8MS	98-82-8	Isopropylbenzene	MS	REC	104	%	72-131
FC25417-8MS	99-87-6	p-Isopropyltoluene	MS	REC	95	%	77-127
FC25417-8MS	74-83-9	Methyl Bromide	MS	REC	81	%	53-141
FC25417-8MS	74-87-3	Methyl Chloride	MS	REC	90	%	50-139
FC25417-8MS	74-95-3	Methylene Bromide	MS	REC	104	%	79-123
FC25417-8MS	75-09-2	Methylene Chloride	MS	REC	88	%	74-124
FC25417-8MS	108-10-1	4-Methyl-2-pentanone (MIBK)	MS	REC	98	%	67-130
FC25417-8MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	88	%	71-124
FC25417-8MS	91-20-3	Naphthalene	MS	REC	88	%	61-128
FC25417-8MS	103-65-1	n-Propylbenzene	MS	REC	98	%	76-126
FC25417-8MS	100-42-5	Styrene	MS	REC	102	%	78-123
FC25417-8MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	104	%	78-124
FC25417-8MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	94	%	71-121
FC25417-8MS	127-18-4	Tetrachloroethylene	MS	REC	112	%	74-129
FC25417-8MS	108-88-3	Toluene	MS	REC	101	%	80-121
FC25417-8MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	95	%	69-129
FC25417-8MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	92	%	69-130
FC25417-8MS	71-55-6	1,1,1-Trichloroethane	MS	REC	107	%	74-131
FC25417-8MS	79-00-5	1,1,2-Trichloroethane	MS	REC	105	%	80-119
FC25417-8MS	79-01-6	Trichloroethylene	MS	REC	104	%	79-123
FC25417-8MS	75-69-4	Trichlorofluoromethane	MS	REC	92	%	65-141

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-8MS	96-18-4	1,2,3-Trichloropropane	MS	REC	94	%	73-122
FC25417-8MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	99	%	76-124
FC25417-8MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	97	%	75-124
FC25417-8MS	108-05-4	Vinyl Acetate	MS	REC	97	%	54-146
FC25417-8MS	75-01-4	Vinyl Chloride	MS	REC	94	%	58-137
FC25417-8MS		m,p-Xylene	MS	REC	102	%	80-121
FC25417-8MS	95-47-6	o-Xylene	MS	REC	96	%	78-122
FC25417-8MS	1330-20-7	Xylene (total)	MS	REC	100	%	79-121
FC25417-8MS	1868-53-7	Dibromofluoromethane	MS	SURR	106	%	80-119
FC25417-8MS	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	96	%	81-118
FC25417-8MS	2037-26-5	Toluene-D8	MS	SURR	94	%	89-112
FC25417-8MS	460-00-4	4-Bromofluorobenzene	MS	SURR	98	%	85-114
FC25417-8MSD	67-64-1	Acetone	MSD	REC	91	%	39-160
FC25417-8MSD	67-64-1	Acetone	MSD	RPD	5	%	20
FC25417-8MSD	71-43-2	Benzene	MSD	REC	103	%	79-120
FC25417-8MSD	71-43-2	Benzene	MSD	RPD	2	%	20
FC25417-8MSD	108-86-1	Bromobenzene	MSD	REC	100	%	80-120
FC25417-8MSD	108-86-1	Bromobenzene	MSD	RPD	3	%	20
FC25417-8MSD	74-97-5	Bromochloromethane	MSD	REC	107	%	78-123
FC25417-8MSD	74-97-5	Bromochloromethane	MSD	RPD	0	%	20
FC25417-8MSD	75-27-4	Bromodichloromethane	MSD	REC	95	%	79-125
FC25417-8MSD	75-27-4	Bromodichloromethane	MSD	RPD	0	%	20
FC25417-8MSD	75-25-2	Bromoform	MSD	REC	98	%	66-130
FC25417-8MSD	75-25-2	Bromoform	MSD	RPD	1	%	20
FC25417-8MSD	78-93-3	2-Butanone (MEK)	MSD	REC	102	%	56-143
FC25417-8MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	6	%	20
FC25417-8MSD	104-51-8	n-Butylbenzene	MSD	REC	102	%	75-128
FC25417-8MSD	104-51-8	n-Butylbenzene	MSD	RPD	4	%	20
FC25417-8MSD	135-98-8	sec-Butylbenzene	MSD	REC	97	%	77-126
FC25417-8MSD	135-98-8	sec-Butylbenzene	MSD	RPD	1	%	20
FC25417-8MSD	98-06-6	tert-Butylbenzene	MSD	REC	99	%	78-124
FC25417-8MSD	98-06-6	tert-Butylbenzene	MSD	RPD	2	%	20
FC25417-8MSD	75-15-0	Carbon Disulfide	MSD	REC	90	%	64-133
FC25417-8MSD	75-15-0	Carbon Disulfide	MSD	RPD	0	%	20
FC25417-8MSD	56-23-5	Carbon Tetrachloride	MSD	REC	90	%	72-136
FC25417-8MSD	56-23-5	Carbon Tetrachloride	MSD	RPD	1	%	20
FC25417-8MSD	108-90-7	Chlorobenzene	MSD	REC	101	%	82-118
FC25417-8MSD	108-90-7	Chlorobenzene	MSD	RPD	2	%	20
FC25417-8MSD	75-00-3	Chloroethane	MSD	REC	82	%	60-138
FC25417-8MSD	75-00-3	Chloroethane	MSD	RPD	12	%	20
FC25417-8MSD	67-66-3	Chloroform	MSD	REC	101	%	79-124
FC25417-8MSD	67-66-3	Chloroform	MSD	RPD	0	%	20
FC25417-8MSD	95-49-8	o-Chlorotoluene	MSD	REC	96	%	79-122
FC25417-8MSD	95-49-8	o-Chlorotoluene	MSD	RPD	1	%	20
FC25417-8MSD	106-43-4	p-Chlorotoluene	MSD	REC	98	%	78-122

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-8MSD	106-43-4	p-Chlorotoluene	MSD	RPD	1	%	20
FC25417-8MSD	124-48-1	Dibromochloromethane	MSD	REC	102	%	74-126
FC25417-8MSD	124-48-1	Dibromochloromethane	MSD	RPD	1	%	20
FC25417-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	90	%	62-128
FC25417-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	7	%	20
FC25417-8MSD	106-93-4	1,2-Dibromoethane	MSD	REC	103	%	77-121
FC25417-8MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	1	%	20
FC25417-8MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	83	%	32-152
FC25417-8MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	4	%	20
FC25417-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	100	%	80-119
FC25417-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	2	%	20
FC25417-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	99	%	80-119
FC25417-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	1	%	20
FC25417-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	99	%	79-118
FC25417-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	1	%	20
FC25417-8MSD	75-34-3	1,1-Dichloroethane	MSD	REC	99	%	77-125
FC25417-8MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	0	%	20
FC25417-8MSD	107-06-2	1,2-Dichloroethane	MSD	REC	94	%	73-128
FC25417-8MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	0	%	20
FC25417-8MSD	75-35-4	1,1-Dichloroethylene	MSD	REC	93	%	71-131
FC25417-8MSD	75-35-4	1,1-Dichloroethylene	MSD	RPD	1	%	20
FC25417-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	REC	103	%	78-123
FC25417-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	RPD	3	%	20
FC25417-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	REC	93	%	75-124
FC25417-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	RPD	1	%	20
FC25417-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	REC	98	%	79-121
FC25417-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	RPD	2	%	20
FC25417-8MSD	78-87-5	1,2-Dichloropropane	MSD	REC	104	%	78-122
FC25417-8MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	1	%	20
FC25417-8MSD	142-28-9	1,3-Dichloropropane	MSD	REC	100	%	80-119
FC25417-8MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	1	%	20
FC25417-8MSD	594-20-7	2,2-Dichloropropane	MSD	REC	97	%	60-139
FC25417-8MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	1	%	20
FC25417-8MSD	563-58-6	1,1-Dichloropropene	MSD	REC	115	%	79-125
FC25417-8MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	3	%	20
FC25417-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	96	%	75-124
FC25417-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	0	%	20
FC25417-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	95	%	73-127
FC25417-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	1	%	20
FC25417-8MSD	100-41-4	Ethylbenzene	MSD	REC	86	%	79-121
FC25417-8MSD	100-41-4	Ethylbenzene	MSD	RPD	1	%	20
FC25417-8MSD	87-68-3	Hexachlorobutadiene	MSD	REC	99	%	66-134
FC25417-8MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	8	%	20
FC25417-8MSD	591-78-6	2-Hexanone	MSD	REC	96	%	57-139
FC25417-8MSD	591-78-6	2-Hexanone	MSD	RPD	5	%	20

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-8MSD	98-82-8	Isopropylbenzene	MSD	REC	103	%	72-131
FC25417-8MSD	98-82-8	Isopropylbenzene	MSD	RPD	1	%	20
FC25417-8MSD	99-87-6	p-Isopropyltoluene	MSD	REC	97	%	77-127
FC25417-8MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	2	%	20
FC25417-8MSD	74-83-9	Methyl Bromide	MSD	REC	84	%	53-141
FC25417-8MSD	74-83-9	Methyl Bromide	MSD	RPD	3	%	20
FC25417-8MSD	74-87-3	Methyl Chloride	MSD	REC	90	%	50-139
FC25417-8MSD	74-87-3	Methyl Chloride	MSD	RPD	0	%	20
FC25417-8MSD	74-95-3	Methylene Bromide	MSD	REC	105	%	79-123
FC25417-8MSD	74-95-3	Methylene Bromide	MSD	RPD	0	%	20
FC25417-8MSD	75-09-2	Methylene Chloride	MSD	REC	87	%	74-124
FC25417-8MSD	75-09-2	Methylene Chloride	MSD	RPD	0	%	20
FC25417-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	REC	102	%	67-130
FC25417-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	RPD	5	%	20
FC25417-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	90	%	71-124
FC25417-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	2	%	20
FC25417-8MSD	91-20-3	Naphthalene	MSD	REC	93	%	61-128
FC25417-8MSD	91-20-3	Naphthalene	MSD	RPD	6	%	20
FC25417-8MSD	103-65-1	n-Propylbenzene	MSD	REC	100	%	76-126
FC25417-8MSD	103-65-1	n-Propylbenzene	MSD	RPD	2	%	20
FC25417-8MSD	100-42-5	Styrene	MSD	REC	102	%	78-123
FC25417-8MSD	100-42-5	Styrene	MSD	RPD	1	%	20
FC25417-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	105	%	78-124
FC25417-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	1	%	20
FC25417-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	96	%	71-121
FC25417-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	2	%	20
FC25417-8MSD	127-18-4	Tetrachloroethylene	MSD	REC	108	%	74-129
FC25417-8MSD	127-18-4	Tetrachloroethylene	MSD	RPD	3	%	20
FC25417-8MSD	108-88-3	Toluene	MSD	REC	100	%	80-121
FC25417-8MSD	108-88-3	Toluene	MSD	RPD	1	%	20
FC25417-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	100	%	69-129
FC25417-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	5	%	20
FC25417-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	96	%	69-130
FC25417-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	4	%	20
FC25417-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	105	%	74-131
FC25417-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	2	%	20
FC25417-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	104	%	80-119
FC25417-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	1	%	20
FC25417-8MSD	79-01-6	Trichloroethylene	MSD	REC	102	%	79-123
FC25417-8MSD	79-01-6	Trichloroethylene	MSD	RPD	2	%	20
FC25417-8MSD	75-69-4	Trichlorofluoromethane	MSD	REC	88	%	65-141
FC25417-8MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	4	%	20
FC25417-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	97	%	73-122
FC25417-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	3	%	20
FC25417-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	100	%	76-124

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	1	%	20
FC25417-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	98	%	75-124
FC25417-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	1	%	20
FC25417-8MSD	108-05-4	Vinyl Acetate	MSD	REC	98	%	54-146
FC25417-8MSD	108-05-4	Vinyl Acetate	MSD	RPD	1	%	20
FC25417-8MSD	75-01-4	Vinyl Chloride	MSD	REC	93	%	58-137
FC25417-8MSD	75-01-4	Vinyl Chloride	MSD	RPD	2	%	20
FC25417-8MSD		m,p-Xylene	MSD	REC	100	%	80-121
FC25417-8MSD		m,p-Xylene	MSD	RPD	2	%	20
FC25417-8MSD	95-47-6	o-Xylene	MSD	REC	98	%	78-122
FC25417-8MSD	95-47-6	o-Xylene	MSD	RPD	2	%	20
FC25417-8MSD	1330-20-7	Xylene (total)	MSD	REC	99	%	79-121
FC25417-8MSD	1330-20-7	Xylene (total)	MSD	RPD	1	%	20
FC25417-8MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	106	%	80-119
FC25417-8MSD	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	96	%	81-118
FC25417-8MSD	2037-26-5	Toluene-D8	MSD	SURR	93	%	89-112
FC25417-8MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	101	%	85-114
VI3607-MB	1868-53-7	Dibromofluoromethane	MB	SURR	107	%	80-119
VI3607-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	97	%	81-118
VI3607-MB	2037-26-5	Toluene-D8	MB	SURR	96	%	89-112
VI3607-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	107	%	85-114
FC25417-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-1	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	99	%	81-118
FC25417-1	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC25417-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-2	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	98	%	81-118
FC25417-2	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC25417-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-3	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	97	%	81-118
FC25417-3	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC25417-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-4	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	98	%	81-118
FC25417-4	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC25417-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC25417-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	80-119
FC25417-5	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	96	%	81-118
FC25417-5	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	104	%	85-114
FC25417-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-6	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	97	%	81-118
FC25417-6	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114

* Sample used for QC is not from job FC25417

QC Evaluation: DOD QSM5.x Limits

Job Number: FC25417
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 06/10/25 thru 06/11/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC25417-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-7	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	98	%	81-118
FC25417-7	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC25417-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	80-119
FC25417-8	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	97	%	81-118
FC25417-8	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC25417-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-9	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	97	%	81-118
FC25417-9	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC25417-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-10	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	98	%	81-118
FC25417-10	2037-26-5	Toluene-D8	SAMP	SURR	94	%	89-112
FC25417-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC25417-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC25417-11	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	97	%	81-118
FC25417-11	2037-26-5	Toluene-D8	SAMP	SURR	93	%	89-112
FC25417-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114

* Sample used for QC is not from job FC25417

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-MB [a]	I772342.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.37	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.23	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.31	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-MB [a]	I772342.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.22	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.37	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.29	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
	m,p-Xylene	ND	2.0	0.47	ug/l	
95-47-6	o-Xylene	ND	1.0	0.26	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-MB [a]	I772342.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	97%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	107%	83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-BS	I772340.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	129	103	50-147
71-43-2	Benzene	25	28.1	112	81-122
108-86-1	Bromobenzene	25	27.7	111	80-121
74-97-5	Bromochloromethane	25	28.7	115	76-123
75-27-4	Bromodichloromethane	25	26.4	106	79-123
75-25-2	Bromoform	25	27.7	111	66-123
78-93-3	2-Butanone (MEK)	125	140	112	56-143
104-51-8	n-Butylbenzene	25	28.9	116	79-126
135-98-8	sec-Butylbenzene	25	26.7	107	83-133
98-06-6	tert-Butylbenzene	25	26.8	107	80-133
75-15-0	Carbon Disulfide	25	24.5	98	66-148
56-23-5	Carbon Tetrachloride	25	27.2	109	76-136
108-90-7	Chlorobenzene	25	27.7	111	82-124
75-00-3	Chloroethane	25	21.1	84	62-144
67-66-3	Chloroform	25	27.1	108	80-124
95-49-8	o-Chlorotoluene	25	27.1	108	81-127
106-43-4	p-Chlorotoluene	25	26.9	108	83-130
124-48-1	Dibromochloromethane	25	28.9	116	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	24.3	97	64-123
106-93-4	1,2-Dibromoethane	25	27.9	112	75-120
75-71-8	Dichlorodifluoromethane	25	19.7	79	42-167
95-50-1	1,2-Dichlorobenzene	25	27.6	110	82-124
541-73-1	1,3-Dichlorobenzene	25	27.6	110	84-125
106-46-7	1,4-Dichlorobenzene	25	27.4	110	78-120
75-34-3	1,1-Dichloroethane	25	27.1	108	81-122
107-06-2	1,2-Dichloroethane	25	25.6	102	75-125
75-35-4	1,1-Dichloroethylene	25	24.4	98	78-137
156-59-2	cis-1,2-Dichloroethylene	25	28.1	112	78-120
156-60-5	trans-1,2-Dichloroethylene	25	26.0	104	76-127
540-59-0	1,2-Dichloroethene (total)	50	54.1	108	77-122
78-87-5	1,2-Dichloropropane	25	28.3	113	76-124
142-28-9	1,3-Dichloropropane	25	27.7	111	80-118
594-20-7	2,2-Dichloropropane	25	26.7	107	74-139
563-58-6	1,1-Dichloropropene	25	30.9	124	79-131
10061-01-5	cis-1,3-Dichloropropene	25	28.5	114	75-118
10061-02-6	trans-1,3-Dichloropropene	25	27.2	109	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-BS	I772340.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	26.9	108	81-121
87-68-3	Hexachlorobutadiene	25	29.9	120	75-142
591-78-6	2-Hexanone	125	130	104	61-129
98-82-8	Isopropylbenzene	25	28.6	114	83-132
99-87-6	p-Isopropyltoluene	25	26.9	108	79-130
74-83-9	Methyl Bromide	25	24.0	96	59-143
74-87-3	Methyl Chloride	25	24.8	99	50-159
74-95-3	Methylene Bromide	25	27.8	111	78-119
75-09-2	Methylene Chloride	25	24.4	98	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	138	110	66-122
1634-04-4	Methyl Tert Butyl Ether	25	25.3	101	72-117
91-20-3	Naphthalene	25	27.0	108	63-132
103-65-1	n-Propylbenzene	25	27.5	110	82-133
100-42-5	Styrene	25	30.0	120*	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	28.4	114	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	25.4	102	72-120
127-18-4	Tetrachloroethylene	25	29.9	120	76-135
108-88-3	Toluene	25	27.5	110	80-120
87-61-6	1,2,3-Trichlorobenzene	25	27.9	112	68-131
120-82-1	1,2,4-Trichlorobenzene	25	27.7	111	73-129
71-55-6	1,1,1-Trichloroethane	25	28.1	112	75-130
79-00-5	1,1,2-Trichloroethane	25	28.8	115	76-119
79-01-6	Trichloroethylene	25	28.0	112	81-126
75-69-4	Trichlorofluoromethane	25	21.7	87	71-156
96-18-4	1,2,3-Trichloropropane	25	26.8	107	77-120
95-63-6	1,2,4-Trimethylbenzene	25	27.9	112	79-120
108-67-8	1,3,5-Trimethylbenzene	25	27.0	108	79-120
108-05-4	Vinyl Acetate	125	137	110	43-154
75-01-4	Vinyl Chloride	25	24.7	99	69-159
	m,p-Xylene	50	54.7	109	79-126
95-47-6	o-Xylene	25	27.1	108	80-127
1330-20-7	Xylene (total)	75	81.9	109	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3607-BS	I772340.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	79-125%
2037-26-5	Toluene-D8	96%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC25417-8MS	I772364.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8MSD	I772365.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8	I772344.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	FC25417-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	108	86	125	114	91	5	50-147/21
71-43-2	Benzene	1.0 U		25	26.2	105	25	25.8	103	2	81-122/14
108-86-1	Bromobenzene	1.0 U		25	24.3	97	25	25.0	100	3	80-121/14
74-97-5	Bromochloromethane	1.0 U		25	26.9	108	25	26.8	107	0	76-123/14
75-27-4	Bromodichloromethane	1.0 U		25	23.9	96	25	23.8	95	0	79-123/19
75-25-2	Bromoform	1.0 U		25	24.7	99	25	24.4	98	1	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	121	97	125	128	102	6	56-143/18
104-51-8	n-Butylbenzene	1.0 U		25	24.5	98	25	25.6	102	4	79-126/16
135-98-8	sec-Butylbenzene	1.0 U		25	24.0	96	25	24.3	97	1	83-133/16
98-06-6	tert-Butylbenzene	1.0 U		25	24.1	96	25	24.7	99	2	80-133/16
75-15-0	Carbon Disulfide	2.0 U		25	22.6	90	25	22.6	90	0	66-148/23
56-23-5	Carbon Tetrachloride	1.0 U		25	22.8	91	25	22.6	90	1	76-136/23
108-90-7	Chlorobenzene	1.0 U		25	25.7	103	25	25.3	101	2	82-124/14
75-00-3	Chloroethane	2.0 U		25	22.9	92	25	20.4	82	12	62-144/20
67-66-3	Chloroform	1.0 U		25	25.2	101	25	25.2	101	0	80-124/15
95-49-8	o-Chlorotoluene	1.0 U		25	23.8	95	25	24.1	96	1	81-127/15
106-43-4	p-Chlorotoluene	1.0 U		25	24.1	96	25	24.4	98	1	83-130/15
124-48-1	Dibromochloromethane	1.0 U		25	25.6	102	25	25.4	102	1	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	5.0 U		25	21.1	84	25	22.6	90	7	64-123/18
106-93-4	1,2-Dibromoethane	2.0 U		25	25.4	102	25	25.7	103	1	75-120/13
75-71-8	Dichlorodifluoromethane	2.0 U		25	21.6	86	25	20.7	83	4	42-167/19
95-50-1	1,2-Dichlorobenzene	1.0 U		25	24.5	98	25	25.1	100	2	82-124/14
541-73-1	1,3-Dichlorobenzene	1.0 U		25	24.6	98	25	24.8	99	1	84-125/14
106-46-7	1,4-Dichlorobenzene	1.0 U		25	24.4	98	25	24.7	99	1	78-120/15
75-34-3	1,1-Dichloroethane	1.0 U		25	24.8	99	25	24.7	99	0	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	23.5	94	25	23.5	94	0	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	23.0	92	25	23.2	93	1	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	26.4	106	25	25.7	103	3	78-120/15
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	23.6	94	25	23.3	93	1	76-127/17
540-59-0	1,2-Dichloroethene (total)	2.0 U		50	50.0	100	50	48.9	98	2	77-122/15
78-87-5	1,2-Dichloropropane	1.0 U		25	25.7	103	25	26.0	104	1	76-124/14
142-28-9	1,3-Dichloropropane	1.0 U		25	25.3	101	25	25.1	100	1	80-118/13
594-20-7	2,2-Dichloropropane	1.0 U		25	24.5	98	25	24.2	97	1	74-139/17
563-58-6	1,1-Dichloropropene	1.0 U		25	29.6	118	25	28.8	115	3	79-131/16
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	23.8	95	25	23.9	96	0	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	24.0	96	25	23.8	95	1	80-120/22

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC25417-8MS	I772364.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8MSD	I772365.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8	I772344.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Compound	FC25417-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	1.0 U		25	21.9	88	25	21.6	86	1	81-121/14
87-68-3	Hexachlorobutadiene	2.0 U		25	23.0	92	25	24.8	99	8	75-142/19
591-78-6	2-Hexanone	10 U		125	114	91	125	120	96	5	61-129/18
98-82-8	Isopropylbenzene	1.0 U		25	25.9	104	25	25.7	103	1	83-132/15
99-87-6	p-Isopropyltoluene	1.0 U		25	23.7	95	25	24.2	97	2	79-130/16
74-83-9	Methyl Bromide	5.0 U		25	20.3	81	25	20.9	84	3	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	22.6	90	25	22.5	90	0	50-159/19
74-95-3	Methylene Bromide	2.0 U		25	26.1	104	25	26.2	105	0	78-119/14
75-09-2	Methylene Chloride	5.0 U		25	21.9	88	25	21.8	87	0	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	122	98	125	128	102	5	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	22.0	88	25	22.4	90	2	72-117/14
91-20-3	Naphthalene	5.0 U		25	21.9	88	25	23.3	93	6	63-132/25
103-65-1	n-Propylbenzene	1.0 U		25	24.5	98	25	25.0	100	2	82-133/15
100-42-5	Styrene	1.0 U		25	25.4	102	25	25.6	102	1	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	26.0	104	25	26.2	105	1	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	23.4	94	25	23.9	96	2	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	27.9	112	25	27.1	108	3	76-135/16
108-88-3	Toluene	1.0 U		25	25.3	101	25	25.0	100	1	80-120/14
87-61-6	1,2,3-Trichlorobenzene	2.0 U		25	23.7	95	25	25.0	100	5	68-131/25
120-82-1	1,2,4-Trichlorobenzene	2.0 U		25	23.0	92	25	23.9	96	4	73-129/20
71-55-6	1,1,1-Trichloroethane	1.0 U		25	26.8	107	25	26.3	105	2	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	26.3	105	25	26.0	104	1	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	25.9	104	25	25.4	102	2	81-126/15
75-69-4	Trichlorofluoromethane	2.0 U		25	22.9	92	25	21.9	88	4	71-156/21
96-18-4	1,2,3-Trichloropropane	2.0 U		25	23.5	94	25	24.3	97	3	77-120/16
95-63-6	1,2,4-Trimethylbenzene	1.0 U		25	24.7	99	25	25.0	100	1	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U		25	24.3	97	25	24.5	98	1	79-120/19
108-05-4	Vinyl Acetate	10 U		125	121	97	125	122	98	1	43-154/14
75-01-4	Vinyl Chloride	1.0 U		25	23.6	94	25	23.2	93	2	69-159/18
	m,p-Xylene	2.0 U		50	50.8	102	50	49.8	100	2	79-126/15
95-47-6	o-Xylene	1.0 U		25	24.1	96	25	24.5	98	2	80-127/14
1330-20-7	Xylene (total)	3.0 U		75	74.9	100	75	74.3	99	1	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC25417-8MS	I772364.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8MSD	I772365.D	1	06/17/25	JW	n/a	n/a	VI3607
FC25417-8	I772344.D	1	06/17/25	JW	n/a	n/a	VI3607

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC25417-1, FC25417-2, FC25417-3, FC25417-4, FC25417-5, FC25417-6, FC25417-7, FC25417-8, FC25417-9, FC25417-10, FC25417-11

CAS No.	Surrogate Recoveries	MS	MSD	FC25417-8	Limits
1868-53-7	Dibromofluoromethane	106%	106%	107%	83-118%
17060-07-0	1,2-Dichloroethane-D4	96%	96%	97%	79-125%
2037-26-5	Toluene-D8	94%	93%	94%	85-112%
460-00-4	4-Bromofluorobenzene	98%	101%	103%	83-118%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3572-BFB
Lab File ID: I771501.D
Instrument ID: GCMSI
Injection Date: 05/18/25
Injection Time: 07:53

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	50915	100.0		Pass
96	5.0 - 9.0% of mass 95	3340	6.56		Pass
173	Less than 2.0% of mass 174	406	0.80	(1.01) [a]	Pass
174	50.0 - 200.0% of mass 95	40371	79.3		Pass
175	5.0 - 9.0% of mass 174	2946	5.79	(7.30) [a]	Pass
176	95.0 - 105.0% of mass 174	39531	77.6	(97.9) [a]	Pass
177	5.0 - 10.0% of mass 176	2520	4.95	(6.37) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3572-IC3572	I771502.D	05/18/25	08:19	00:26	Initial cal 1
VI3572-IC3572	I771503.D	05/18/25	08:35	00:42	Initial cal 8
VI3572-IC3572	I771504.D	05/18/25	08:51	00:58	Initial cal 2
VI3572-IC3572	I771505.D	05/18/25	09:07	01:14	Initial cal 3
VI3572-IC3572	I771506.D	05/18/25	09:24	01:31	Initial cal 4
VI3572-ICC3572	I771507.D	05/18/25	09:40	01:47	Initial cal 5
VI3572-IC3572	I771508.D	05/18/25	09:56	02:03	Initial cal 6
VI3572-IC3572	I771509.D	05/18/25	10:12	02:19	Initial cal 7
VI3572-ICV3572	I771511.D	05/18/25	11:58	04:05	Initial cal verification 5
VI3572-BS	I771512.D	05/18/25	12:14	04:21	Blank Spike
VI3572-MB	I771515.D	05/18/25	13:02	05:09	Method Blank
ZZZZZZ	I771520.D	05/18/25	15:13	07:20	(unrelated sample)
ZZZZZZ	I771521.D	05/18/25	15:30	07:37	(unrelated sample)
ZZZZZZ	I771522.D	05/18/25	15:46	07:53	(unrelated sample)
ZZZZZZ	I771523.D	05/18/25	16:02	08:09	(unrelated sample)
ZZZZZZ	I771524.D	05/18/25	16:19	08:26	(unrelated sample)
ZZZZZZ	I771525.D	05/18/25	16:35	08:42	(unrelated sample)
ZZZZZZ	I771526.D	05/18/25	16:51	08:58	(unrelated sample)
ZZZZZZ	I771527.D	05/18/25	17:08	09:15	(unrelated sample)
ZZZZZZ	I771528.D	05/18/25	17:24	09:31	(unrelated sample)
ZZZZZZ	I771529.D	05/18/25	17:41	09:48	(unrelated sample)
ZZZZZZ	I771530.D	05/18/25	17:57	10:04	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-BFB
Lab File ID: I772338.D
Instrument ID: GCMSI
Injection Date: 06/17/25
Injection Time: 06:32

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	43821	100.0		Pass
96	5.0 - 9.0% of mass 95	2947	6.73		Pass
173	Less than 2.0% of mass 174	329	0.75	(0.98) [a]	Pass
174	50.0 - 200.0% of mass 95	33448	76.3		Pass
175	5.0 - 9.0% of mass 174	2563	5.85	(7.66) [a]	Pass
176	95.0 - 105.0% of mass 174	32104	73.3	(96.0) [a]	Pass
177	5.0 - 10.0% of mass 176	1860	4.24	(5.79) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3607-CC3572	I772339.D	06/17/25	06:51	00:19	Continuing cal 5
VI3607-BS	I772340.D	06/17/25	07:10	00:38	Blank Spike
VI3607-MB	I772342.D	06/17/25	07:43	01:11	Method Blank
FC25417-8	I772344.D	06/17/25	08:24	01:52	789MW-222_0525
FC25417-11	I772345.D	06/17/25	08:40	02:08	789-TB01_0525-C
FC25417-1	I772346.D	06/17/25	08:56	02:24	789MW-135_0525
FC25417-2	I772347.D	06/17/25	09:13	02:41	789MW-46R_0525
FC25417-3	I772348.D	06/17/25	09:29	02:57	789MW-83_0525
FC25417-4	I772349.D	06/17/25	09:45	03:13	789MW-95_0525
FC25417-5	I772350.D	06/17/25	10:02	03:30	789MW-99_0525
FC25417-6	I772351.D	06/17/25	10:18	03:46	789MW-99_0525-A
FC25417-7	I772352.D	06/17/25	10:34	04:02	789MW-216_0525
FC25417-9	I772353.D	06/17/25	10:51	04:19	789MW-251_0525
FC25417-10	I772354.D	06/17/25	11:07	04:35	789-AB01_0525-D
ZZZZZZ	I772355.D	06/17/25	11:23	04:51	(unrelated sample)
ZZZZZZ	I772356.D	06/17/25	11:40	05:08	(unrelated sample)
ZZZZZZ	I772357.D	06/17/25	11:56	05:24	(unrelated sample)
ZZZZZZ	I772358.D	06/17/25	12:12	05:40	(unrelated sample)
ZZZZZZ	I772359.D	06/17/25	12:28	05:56	(unrelated sample)
ZZZZZZ	I772360.D	06/17/25	12:44	06:12	(unrelated sample)
ZZZZZZ	I772361.D	06/17/25	13:01	06:29	(unrelated sample)
ZZZZZZ	I772362.D	06/17/25	13:17	06:45	(unrelated sample)
ZZZZZZ	I772363.D	06/17/25	13:33	07:01	(unrelated sample)
FC25417-8MS	I772364.D	06/17/25	13:49	07:17	Matrix Spike
FC25417-8MSD	I772365.D	06/17/25	14:06	07:34	Matrix Spike Duplicate
VI3607-ECC3572	I772366.D	06/17/25	14:22	07:50	Ending cal 5

Internal Standard Area Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3607-CC3572	**Injection Date:**	06/17/25
Lab File ID:	I772339.D	**Injection Time:**	06:51
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	198773	3.61	148737	5.58	73555	7.32
Check Std [b]	175986	3.61	132342	5.58	68037	7.32
Upper Limit [c]	351972	3.78	264684	5.75	136074	7.49
Lower Limit [d]	87993	3.44	66171	5.41	34019	7.15

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VI3607-BS	178072	3.61	132256	5.58	67489	7.32
VI3607-MB [e]	173743	3.61	128154	5.58	64756	7.32
FC25417-8	172332	3.61	127480	5.58	62481	7.32
FC25417-11	170732	3.61	126093	5.58	62213	7.32
FC25417-1	168276	3.61	125472	5.58	62473	7.32
FC25417-2 [e]	167341	3.61	124586	5.58	62098	7.32
FC25417-3	166362	3.61	123698	5.58	61716	7.32
FC25417-4	163801	3.61	121505	5.58	60540	7.32
FC25417-5	167498	3.61	123130	5.58	60959	7.32
FC25417-6	166170	3.61	124936	5.58	62264	7.32
FC25417-7	167184	3.61	124792	5.58	62239	7.32
FC25417-9	165532	3.61	122966	5.58	60757	7.32
FC25417-10	166444	3.61	124261	5.58	61595	7.32
ZZZZZZ	164299	3.61	122817	5.58	60981	7.32
ZZZZZZ	163806	3.61	123166	5.58	61443	7.32
ZZZZZZ	164318	3.61	122253	5.58	61230	7.32
ZZZZZZ	163131	3.61	120633	5.58	60657	7.32
ZZZZZZ	164449	3.61	121690	5.58	60831	7.32
ZZZZZZ	161918	3.61	120425	5.58	60217	7.32
ZZZZZZ	164386	3.61	122970	5.58	61942	7.32
ZZZZZZ	162780	3.61	120168	5.58	60109	7.32
ZZZZZZ	165313	3.61	122243	5.58	60808	7.32
FC25417-8MS	168730	3.61	126751	5.58	66155	7.32
FC25417-8MSD	171331	3.61	127924	5.58	65222	7.32
VI3607-ECC3572	170460	3.61	128286	5.58	66895	7.32

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Initial Cal is: VI3572-ICC3572 I771507.D 05/18/25 09:40
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.

Internal Standard Area Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3607-CC3572	**Injection Date:**	06/17/25
Lab File ID:	I772339.D	**Injection Time:**	06:51
Instrument ID:	GCMSI	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Sample was treated with an anti-foaming agent.

Surrogate Recovery Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
FC25417-1	I772346.D	108	99	94	102
FC25417-2	I772347.D	108	98	94	102
FC25417-3	I772348.D	108	97	94	103
FC25417-4	I772349.D	108	98	95	103
FC25417-5	I772350.D	107	96	94	104
FC25417-6	I772351.D	108	97	94	101
FC25417-7	I772352.D	108	98	94	102
FC25417-8	I772344.D	107	97	94	103
FC25417-9	I772353.D	108	97	94	103
FC25417-10	I772354.D	108	98	94	102
FC25417-11	I772345.D	108	97	93	103
FC25417-8MS	I772364.D	106	96	94	98
FC25417-8MSD	I772365.D	106	96	93	101
VI3607-BS	I772340.D	106	96	96	101
VI3607-MB	I772342.D	107	97	96	107

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	83-118%
S2 = 1,2-Dichloroethane-D4	79-125%
S3 = Toluene-D8	85-112%
S4 = 4-Bromofluorobenzene	83-118%

Initial Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3572-ICC3572
Lab FileID: I771507.D

Response Factor Report VOA16-MSI

Method : C:\msdchem\1\met...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Calibration Files
1 =I771502.D 2 =I771504.D 3 =I771505.D 4 =I771506.D
5 =I771507.D 6 =I771508.D 7 =I771509.D 8 =I771503.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	----------ISTD----------									
2) Dichlorodifl	0.255	0.240	0.227	0.237	0.252	0.238	0.251	0.250	0.244	3.99
3) Chloromethan	0.236	0.221	0.208	0.213	0.220	0.208	0.212	0.228	0.218	4.49
4) 1,3-butadien	0.176	0.190	0.167	0.169	0.183	0.171	0.172	0.165	0.174	4.96
5) Vinyl Chlori	0.230	0.212	0.206	0.213	0.225	0.215	0.220	0.221	0.218	3.60
6) Bromomethane	0.162	0.128	0.112	0.109	0.120	0.120	0.126	0.132	0.126	12.98
7) Chloroethane	0.103	0.100	0.092	0.098	0.102	0.093	0.090	0.098	0.097	5.01
8) Trichloroflu	0.313	0.311	0.299	0.302	0.325	0.261	0.233	0.316	0.295	10.74
9) Ethyl Ether	0.155	0.187	0.178	0.181	0.182	0.188	0.196	0.173	0.180	6.83
10) Ethanol		0.007	0.007	0.007	0.007	0.007	0.006		0.007	8.53
11) 1,2-Dichloro	0.201	0.222	0.197	0.213	0.221	0.214	0.224	0.207	0.212	4.72
12) 1,1-Dichloro	0.236	0.288	0.259	0.276	0.286	0.282	0.292	0.266	0.273	6.87
13) Freon 113	0.121	0.174	0.151	0.165	0.176	0.167	0.180	0.150	0.161	12.04
14) Carbon Disul	0.579	0.559	0.501	0.534	0.555	0.548	0.570	0.528	0.547	4.60
15) Iodomethane		0.108	0.116	0.159	0.180	0.177	0.180		0.153	21.49
---- Quadratic regr., Force(0,0) ---- Coefficient = 0.9985										
Response Ratio = 0.00000 + 0.16432 *A + 0.00838 *A^2										
16) Acrolein	0.074	0.078	0.069	0.070	0.069	0.070	0.070	0.069	0.071	4.61
17) Allyl chlori	0.404	0.304	0.270	0.264	0.278	0.267	0.265	0.336	0.299	16.62
18) Methylene Ch	0.352	0.282	0.262	0.261	0.261	0.256	0.256	0.283	0.277	11.69
19) Acetone	0.160	0.157	0.143	0.139	0.142	0.132	0.117	0.148	0.142	9.71
20) Methyl aceta	0.404	0.339	0.364	0.313	0.312	0.323	0.316	0.333	0.338	9.45
21) trans-1,2-Di	0.265	0.272	0.250	0.257	0.266	0.260	0.267	0.251	0.261	3.05
22) Hexane	0.121	0.160	0.141	0.141	0.150	0.142	0.149	0.135	0.142	8.08
23) Methyl Tert	0.595	0.594	0.548	0.574	0.572	0.572	0.579	0.582	0.577	2.59
24) Acetonitrile		0.055	0.051	0.047	0.048	0.045	0.045	0.065	0.051	13.87
25) Tert Butyl A	0.098	0.090	0.083	0.088	0.090	0.083	0.082	0.092	0.088	5.97
26) Di-isopropyl	0.619	0.621	0.568	0.589	0.595	0.588	0.590	0.589	0.595	2.94
27) Chloroprene	0.636	0.741	0.722	0.716	0.726	0.711	0.695	0.701	0.706	4.47
28) 1,1-Dichloro	0.333	0.343	0.309	0.326	0.329	0.321	0.326	0.319	0.326	3.06
29) Acrylonitril	0.109	0.123	0.117	0.112	0.114	0.113	0.112	0.120	0.115	3.89
30) ETBE	0.571	0.614	0.563	0.601	0.610	0.605	0.616	0.554	0.592	4.22
31) Vinyl acetat	0.440	0.579	0.538	0.543	0.551	0.552	0.550	0.501	0.532	8.04
32) cis-1,2-Dich	0.189	0.188	0.172	0.178	0.184	0.178	0.185	0.184	0.182	3.12
33) 2,2-Dichloro	0.249	0.276	0.243	0.256	0.259	0.255	0.260	0.261	0.258	3.76
34) Bromochlorom	0.079	0.096	0.090	0.094	0.092	0.090	0.090	0.092	0.090	5.72
35) Cyclohexane	0.213	0.286	0.254	0.277	0.288	0.275	0.291	0.261	0.268	9.68
36) Chloroform	0.583	0.406	0.344	0.344	0.343	0.331	0.334	0.433	0.390	22.18
---- Linear regr., Force(0,0) ---- Coefficient = 0.9997										
Response Ratio = 0.00000 + 0.33893 *A										
37) Ethyl acetat	0.357	0.418	0.379	0.381	0.386	0.383	0.379	0.372	0.382	4.53
38) Tetrahydrofu		0.164	0.153	0.147	0.149	0.141	0.136		0.148	6.51
39) Dibromofluor	0.285	0.288	0.286	0.285	0.284	0.283	0.284	0.286	0.285	0.61
40) Carbon Tetra	0.182	0.236	0.213	0.230	0.238	0.233	0.237	0.230	0.225	8.45

Initial Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3572-ICC3572
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41) 1,1,1-Trichl	0.227	0.269	0.253	0.262	0.271	0.258	0.265	0.263	0.258	5.39
42) 2-Butanone	0.230	0.253	0.233	0.231	0.233	0.227	0.221	0.225	0.232	4.19
43) 1,1-Dichloro	0.195	0.217	0.194	0.212	0.216	0.210	0.215	0.207	0.208	4.36
44) tert-Butyl f	0.157	0.173	0.161	0.176	0.181	0.182	0.185	0.156	0.171	6.88
---- Linear regr., Force(0,0) ---- Coefficient = 0.9998										
Response Ratio = 0.00000 + 0.18333 *A										
45) Propionitril	0.065	0.070	0.065	0.063	0.065	0.064	0.064	0.064	0.065	2.98
46) Methacryloni	0.217	0.216	0.204	0.201	0.210	0.207	0.206	0.204	0.208	2.78
47) Benzene	0.695	0.724	0.638	0.681	0.697	0.676	0.682	0.688	0.685	3.55
48) TAME	0.529	0.554	0.515	0.538	0.546	0.539	0.532	0.492	0.531	3.68
49) 1,2-Dichloro	0.342	0.348	0.344	0.342	0.346	0.319	0.310	0.344	0.337	4.17
50) 1,2-Dichloro	0.276	0.280	0.255	0.271	0.267	0.266	0.263	0.271	0.269	2.92
51) Isobutyl Alc		0.009	0.008	0.008	0.008	0.008	0.009	0.008	0.008	4.56
52) Tert Amyl Al	0.064	0.066	0.068	0.068	0.071	0.071	0.074	0.062	0.068	5.86
53) Trichloroeth	0.196	0.187	0.172	0.183	0.186	0.183	0.185	0.188	0.185	3.61
54) Methylcycloh	0.167	0.240	0.217	0.232	0.253	0.240	0.254	0.198	0.225	13.32
55) Dibromometha	0.135	0.136	0.128	0.134	0.135	0.133	0.133	0.123	0.132	3.30
56) 1,2-Dichloro	0.166	0.190	0.177	0.183	0.186	0.183	0.183	0.186	0.182	4.14
57) Bromodichlor	0.267	0.267	0.240	0.252	0.259	0.256	0.256	0.265	0.258	3.48
58) Methyl metha	0.224	0.232	0.224	0.231	0.242	0.238	0.234	0.216	0.230	3.68
59) 1,4-Dioxane		0.004	0.005	0.005	0.005	0.005	0.005		0.005	9.71
60) 2-Chloroethy	0.138	0.165	0.157	0.168	0.170	0.168	0.168	0.146	0.160	7.45
61) cis-1,3-Dich	0.268	0.298	0.274	0.292	0.303	0.301	0.303	0.268	0.288	5.39
62) I Chlorobenzene-d5	----------ISTD----------									
63) Toluene-d8	1.281	1.292	1.295	1.281	1.278	1.271	1.279	1.287	1.283	0.61
64) Toluene	1.001	1.011	0.923	0.960	0.971	0.943	0.960	0.967	0.967	2.96
65) 2-Nitropropa	0.116	0.118	0.114	0.127	0.134	0.136	0.138	0.110	0.124	8.82
66) 4-Methyl-2-p	0.441	0.524	0.495	0.490	0.501	0.497	0.497	0.454	0.487	5.50
67) trans-1,3-Di	0.364	0.408	0.377	0.400	0.405	0.400	0.408	0.364	0.391	4.92
68) Tetrachloroe	0.203	0.239	0.210	0.225	0.232	0.227	0.232	0.203	0.221	6.38
69) Ethyl methac	0.331	0.350	0.336	0.352	0.379	0.379	0.387	0.311	0.353	7.63
70) 1,1,2-Trichl	0.192	0.219	0.200	0.207	0.206	0.202	0.206	0.197	0.204	3.98
71) Dibromochlor	0.251	0.265	0.246	0.258	0.263	0.263	0.266	0.252	0.258	2.84
72) 1,3-Dichloro	0.394	0.421	0.394	0.408	0.406	0.399	0.398	0.398	0.402	2.28
73) 1,2-Dibromoe	0.261	0.288	0.258	0.268	0.269	0.268	0.268	0.254	0.267	3.90
74) 3,3-Dimethyl	0.092	0.097	0.096	0.103	0.107	0.113	0.113	0.086	0.101	9.66
75) 2-hexanone	0.528	0.605	0.585	0.585	0.603	0.618	0.615	0.527	0.583	6.24
76) 1-Chlorohexa	0.368	0.338	0.305	0.328	0.334	0.319	0.331	0.293	0.327	6.89
77) Ethylbenzene	1.084	1.102	0.989	1.037	1.069	1.057	1.077	1.035	1.056	3.36
78) Chlorobenzen	0.647	0.654	0.583	0.626	0.619	0.616	0.620	0.640	0.625	3.57
79) 1,1,1,2-Tetr	0.190	0.233	0.215	0.223	0.227	0.224	0.227	0.207	0.218	6.49
80) m,p-Xylene	0.760	0.824	0.767	0.815	0.835	0.820	0.833	0.741	0.799	4.64
81) o-Xylene	0.801	0.826	0.754	0.789	0.816	0.816	0.833	0.725	0.795	4.75
82) Styrene	0.516	0.623	0.599	0.610	0.629	0.632	0.644	0.538	0.599	7.83
83) Bromoform	0.154	0.177	0.167	0.181	0.188	0.190	0.199	0.168	0.178	8.18
84) Isopropylben	0.881	0.955	0.863	0.942	0.968	0.962	0.984	0.770	0.916	7.94
85) I 1,4-Dichlorobenzene-d	----------ISTD----------									
86) 4-Bromofluor	0.768	0.772	0.748	0.747	0.750	0.745	0.736	0.769	0.754	1.76
87) cis-1,4-Dich		0.322	0.295	0.298	0.314	0.315	0.315		0.310	3.47
88) n-Propylbenz	2.290	2.434	2.181	2.375	2.419	2.373	2.379	1.955	2.301	7.03
89) Bromobenzene	0.551	0.550	0.500	0.521	0.523	0.515	0.514	0.484	0.520	4.37
90) 1,1,2,2-Tetr	0.865	0.896	0.781	0.810	0.814	0.817	0.806	0.812	0.825	4.46
91) 1,3,5-Trimet	1.507	1.572	1.397	1.571	1.626	1.612	1.618	1.227	1.516	9.19
92) 2-Chlorotolu	1.364	1.394	1.205	1.320	1.328	1.320	1.313	1.147	1.299	6.32
93) trans-1,4-Di		0.260	0.222	0.242	0.241	0.243	0.241	0.240	0.241	4.61
94) 1,2,3-Trichl		0.266	0.242	0.253	0.254	0.258	0.252	0.235	0.251	4.07
95) Cyclohexanon		0.064	0.061	0.063	0.065	0.068	0.066		0.064	3.86

Initial Calibration Summary

Job Number: FC25417
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Sample: VI3572-ICC3572
Lab FileID: I771507.D

96)	4-Chlorotolu	1.454	1.568	1.376	1.476	1.506	1.493	1.477	1.311	1.458	5.48
97)	tert-Butylbe	0.758	0.863	0.800	0.865	0.891	0.885	0.882	0.676	0.828	9.32
98)	1,2,4-Trimet	1.380	1.588	1.453	1.608	1.663	1.651	1.644	1.267	1.532	9.64
99)	Pentachloroe	0.232	0.299	0.264	0.287	0.299	0.296	0.293	0.254	0.278	9.01
100)	sec-Butylben	1.598	1.837	1.663	1.838	1.906	1.870	1.863	1.321	1.737	11.52
101)	4-Isopropylt	1.269	1.484	1.375	1.513	1.574	1.563	1.574	1.094	1.431	12.12
102)	1,3-Dichloro	0.944	0.981	0.875	0.937	0.951	0.933	0.924	0.839	0.923	4.89
103)	1,2,3-Trimet	1.546	1.696	1.515	1.644	1.677	1.649	1.674	1.383	1.598	6.78
104)	1,4-Dichloro	0.953	1.024	0.941	0.972	0.972	0.950	0.958	0.946	0.965	2.76
105)	n-Butylbenze	0.731	0.820	0.767	0.852	0.879	0.876	0.891	0.604	0.802	12.24
106)	Benzyl Chlor		0.271	0.246	0.290	0.294	0.303	0.315	0.227	0.278	11.43
107)	1,2-Dichloro	0.841	0.933	0.833	0.893	0.904	0.896	0.907	0.806	0.877	5.05
108)	1,2-Dibromo-		0.218	0.202	0.221	0.223	0.229	0.237		0.222	5.27
109)	Hexachlorobu		0.178	0.148	0.175	0.181	0.169	0.174	0.135	0.166	10.43
110)	1,2,4-Trichl	0.415	0.492	0.464	0.501	0.514	0.507	0.520	0.414	0.478	8.96
111)	Naphthalene	1.801	1.856	1.771	1.973	2.053	2.065	2.130	1.668	1.915	8.60
112)	1,2,3-Trichl	0.442	0.476	0.432	0.480	0.490	0.484	0.490	0.378	0.459	8.60

(#) = Out of Range ### Number of calibration levels exceeded format ###

VI3572_05182025.M Sun May 18 13:13:46 2025

Initial Calibration Verification

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3572-ICV3572
Lab FileID: I771511.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\05-18-25\I771511.D Vial: 11
Acq On : 18 May 2025 11:58 am Operator: jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Sun May 18 13:02:01 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	106	0.00	3.61
2	Dichlorodifluoromethane	0.244	0.211	13.5	88	0.00	1.08
3	Chloromethane	0.218	0.191	12.4	92	0.00	1.20
4	1,3-butadiene	0.174	0.132	24.1#	76	0.00	1.27
5	Vinyl Chloride	0.218	0.210	3.7	99	0.00	1.26
6	Bromomethane	0.126	0.126	0.0	110	0.00	1.45
7	Chloroethane	0.097	0.107	-10.3	112	0.00	1.52
8	Trichlorofluoromethane	0.295	0.307	-4.1	100	0.00	1.60
9	Ethyl Ether	0.180	0.177	1.7	103	0.00	1.78
10	Ethanol	0.007	0.006	14.3	94	0.00	1.87
11	1,2-Dichlorotrifluoroetha	0.212	0.218	-2.8	104	0.00	1.89
12	1,1-Dichloroethene	0.273	0.239	12.5	88	0.00	1.89
13	Freon 113	0.161	0.178	-10.6	106	0.00	1.91
14	Carbon Disulfide	0.547	0.528	3.5	101	0.00	1.91
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	40.271	-0.7	101	0.00	1.97
	----------	AvgRF	CCRF	%Dev	----------		
16	Acrolein	0.071	0.059	16.9	90	0.00	2.08
17	Allyl chloride	0.299	0.268	10.4	102	0.00	2.15
18	Methylene Chloride	0.277	0.244	11.9	99	0.00	2.20
19	Acetone	0.142	0.145	-2.1	108	0.00	2.24
20	Methyl acetate	0.338	0.333	1.5	112	0.00	2.30
21	trans-1,2-Dichloroethene	0.261	0.236	9.6	94	0.00	2.30
22	Hexane	0.142	0.143	-0.7	100	0.00	2.34
23	Methyl Tert Butyl Ether	0.577	0.591	-2.4	109	0.00	2.36
24	Acetonitrile	0.051	0.052	-2.0	116	0.00	2.49
25	Tert Butyl Alcohol	0.088	0.082	6.8	97	0.00	2.41
26	Di-isopropyl ether	0.595	0.634	-6.6	112	0.00	2.55
27	Chloroprene	0.706	0.771	-9.2	112	0.00	2.65
28	1,1-Dichloroethane	0.326	0.319	2.1	102	0.00	2.63
29	Acrylonitrile	0.115	0.119	-3.5	110	0.00	2.65
30	ETBE	0.592	0.598	-1.0	103	0.00	2.75
31	Vinyl acetate	0.532	0.560	-5.3	107	0.00	2.75
32	cis-1,2-Dichloroethene	0.182	0.176	3.3	101	0.00	2.91
33	2,2-Dichloropropane	0.258	0.263	-1.9	107	0.00	2.97
34	Bromochloromethane	0.090	0.092	-2.2	106	0.00	3.02
35	Cyclohexane	0.268	0.286	-6.7	105	0.00	3.03
	----------	Amount	Calc.	%Drift	----------		
36	Chloroform	40.000	39.607	1.0	103	0.00	3.06

Initial Calibration Verification

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Sample: VI3572-ICV3572
Lab FileID: I771511.D

			AvgRF	CCRF	%Dev			
37		Ethyl acetate	0.382	0.399	-4.5	109	0.00	3.11
38		Tetrahydrofuran	0.148	0.136	8.1	96	0.00	3.15
39	S	Dibromofluoromethane	0.285	0.284	0.4	105	0.00	3.16
40		Carbon Tetrachloride	0.225	0.225	0.0	100	0.00	3.14
41		1,1,1-Trichloroethane	0.258	0.270	-4.7	105	0.00	3.17
42		2-Butanone	0.232	0.219	5.6	99	0.00	3.22
43		1,1-Dichloropropene	0.208	0.219	-5.3	107	0.00	3.24

			Amount	Calc.	%Drift			
44		tert-Butyl formate	200.000	224.832	-12.4	120	0.00	3.30

			AvgRF	CCRF	%Dev			
45		Propionitrile	0.065	0.067	-3.1	108	0.00	3.39
46		Methacrylonitrile	0.208	0.212	-1.9	107	0.00	3.40
47		Benzene	0.685	0.649	5.3	98	0.00	3.38
48		TAME	0.531	0.525	1.1	102	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.337	0.344	-2.1	105	0.00	3.45
50		1,2-Dichloroethane	0.269	0.261	3.0	103	0.00	3.49
51		Isobutyl Alcohol	0.008	0.007	12.5	99	0.00	3.44
52		Tert Amyl Alcohol	0.068	0.069	-1.5	104	0.00	3.55
53		Trichloroethene	0.185	0.178	3.8	101	0.00	3.70
54		Methylcyclohexane	0.225	0.251	-11.6	104	0.00	3.71
55		Dibromomethane	0.132	0.133	-0.8	104	0.00	3.95
56		1,2-Dichloropropane	0.182	0.182	0.0	103	0.00	4.02
57		Bromodichloromethane	0.258	0.253	1.9	103	0.00	4.05
58		Methyl methacrylate	0.230	0.247	-7.4	108	0.00	4.13
59		1,4-Dioxane	0.005	0.005	0.0	98	0.00	4.17
60		2-Chloroethyl vinyl ether	0.160	0.169	-5.6	105	0.00	4.39
61		cis-1,3-Dichloropropene	0.288	0.295	-2.4	103	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00	5.58
63	S	Toluene-d8	1.283	1.282	0.1	105	0.00	4.55
64		Toluene	0.967	0.937	3.1	101	0.00	4.58
65		2-Nitropropane	0.124	0.143	-15.3	112	0.00	4.72
66		4-Methyl-2-pentanone	0.487	0.525	-7.8	110	0.00	4.81
67		trans-1,3-Dichloropropene	0.391	0.392	-0.3	101	0.00	4.84
68		Tetrachloroethene	0.221	0.227	-2.7	102	0.00	4.83
69		Ethyl methacrylate	0.353	0.400	-13.3	111	0.00	4.94
70		1,1,2-Trichloroethane	0.204	0.208	-2.0	105	0.00	4.95
71		Dibromochloromethane	0.258	0.276	-7.0	110	0.00	5.07
72		1,3-Dichloropropane	0.402	0.402	0.0	104	0.00	5.13
73		1,2-Dibromoethane	0.267	0.262	1.9	102	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.101	0.102	-1.0	100	0.00	5.36
75		2-hexanone	0.583	0.615	-5.5	107	0.00	5.37
76		1-Chlorohexane	0.327	0.316	3.4	99	0.00	5.58
77		Ethylbenzene	1.056	1.058	-0.2	104	0.00	5.61
78		Chlorobenzene	0.625	0.636	-1.8	108	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.218	0.230	-5.5	106	0.00	5.63
80		m,p-Xylene	0.799	0.820	-2.6	103	0.00	5.71
81		o-Xylene	0.795	0.815	-2.5	105	0.00	6.02
82		Styrene	0.599	0.663	-10.7	111	0.00	6.06
83		Bromoform	0.178	0.188	-5.6	105	0.00	6.08
84		Isopropylbenzene	0.916	0.994	-8.5	108	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00	7.32
86	S	4-Bromofluorobenzene	0.754	0.757	-0.4	105	0.00	6.46
87		cis-1,4-Dichloro-2-butene	0.310	0.320	-3.2	106	0.00	6.51
88		n-Propylbenzene	2.301	2.475	-7.6	107	0.00	6.56

Initial Calibration Verification

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3572-ICV3572
Lab FileID: I771511.D

89	Bromobenzene	0.520	0.531	-2.1	106	0.00	6.54
90	1,1,2,2-Tetrachloroethane	0.825	0.804	2.5	103	0.00	6.61
91	1,3,5-Trimethylbenzene	1.516	1.641	-8.2	105	0.00	6.72
92	2-Chlorotoluene	1.299	1.353	-4.2	106	0.00	6.68
93	trans-1,4-Dichloro-2-Bute	0.241	0.256	-6.2	110	0.00	6.75
94	1,2,3-Trichloropropane	0.251	0.258	-2.8	106	0.00	6.72
95	Cyclohexanone	0.064	0.057	10.9	92	0.00	6.75
96	4-Chlorotoluene	1.458	1.529	-4.9	106	0.00	6.81
97	tert-Butylbenzene	0.828	0.908	-9.7	106	0.00	6.96
98	1,2,4-Trimethylbenzene	1.532	1.678	-9.5	105	0.00	7.01
99	Pentachloroethane	0.278	0.300	-7.9	105	0.00	6.97
100	sec-Butylbenzene	1.737	1.838	-5.8	101	0.00	7.10
101	4-Isopropyltoluene	1.431	1.552	-8.5	103	0.00	7.22
102	1,3-Dichlorobenzene	0.923	0.957	-3.7	105	0.00	7.26
103	1,2,3-Trimethylbenzene	1.598	1.701	-6.4	106	0.00	7.36
104	1,4-Dichlorobenzene	0.965	0.989	-2.5	106	0.00	7.33
105	n-Butylbenzene	0.802	0.920	-14.7	109	0.00	7.54
106	Benzyl Chloride	0.278	0.302	-8.6	107	0.00	7.52
107	1,2-Dichlorobenzene	0.877	0.929	-5.9	107	0.00	7.64
108	1,2-Dibromo-3-Chloropropa	0.222	0.227	-2.3	106	0.00	8.22
109	Hexachlorobutadiene	0.166	0.179	-7.8	103	0.00	8.67
110	1,2,4-Trichlorobenzene	0.478	0.522	-9.2	106	0.00	8.69
111	Naphthalene	1.915	2.094	-9.3	106	0.00	8.90
112	1,2,3-Trichlorobenzene	0.459	0.491	-7.0	104	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I771507.D VI3572_05182025.M Sun May 18 13:14:20 2025

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-CC3572
Lab FileID: I772339.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\06-17-25\I772339.D Vial: 2
Acq On : 17 Jun 2025 6:51 am Operator: jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Sun May 18 13:02:01 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	89	0.00	3.61
2	Dichlorodifluoromethane	0.244	0.264	-8.2	92	0.00	1.09
3	Chloromethane	0.218	0.247	-13.3	100	0.00	1.21
4	1,3-butadiene	0.174	0.167	4.0	81	0.00	1.27
5	Vinyl Chloride	0.218	0.238	-9.2	94	0.00	1.26
6	Bromomethane	0.126	0.115	8.7	85	0.00	1.45
7	Chloroethane	0.097	0.091	6.2	79	0.00	1.52
8	Trichlorofluoromethane	0.295	0.303	-2.7	82	0.00	1.60
9	Ethyl Ether	0.180	0.191	-6.1	93	0.00	1.78
10	Ethanol	0.007	0.007	0.0	91	0.00	1.88
11	1,2-Dichlorotrifluoroetha	0.212	0.220	-3.8	88	0.00	1.89
12	1,1-Dichloroethene	0.273	0.254	7.0	79	0.00	1.89
13	Freon 113	0.161	0.182	-13.0	91	0.00	1.91
14	Carbon Disulfide	0.547	0.607	-11.0	97	0.00	1.91
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	50.189	-25.5#	107	0.00	1.97
	----------	AvgRF	CCRF	%Dev	----------		
16	Acrolein	0.071	0.070	1.4	91	0.00	2.08
17	Allyl chloride	0.299	0.168	43.8#	53	0.00	2.15
18	Methylene Chloride	0.277	0.264	4.7	89	0.00	2.21
19	Acetone	0.142	0.141	0.7	88	0.00	2.24
20	Methyl acetate	0.338	0.338	0.0	96	0.00	2.30
21	trans-1,2-Dichloroethene	0.261	0.252	3.4	84	0.00	2.30
22	Hexane	0.142	0.156	-9.9	92	0.00	2.34
23	Methyl Tert Butyl Ether	0.577	0.611	-5.9	95	0.00	2.36
24	Acetonitrile	0.051	0.052	-2.0	97	0.00	2.49
25	Tert Butyl Alcohol	0.088	0.098	-11.4	97	0.00	2.41
26	Di-isopropyl ether	0.595	0.708	-19.0	105	0.00	2.56
27	Chloroprene	0.706	0.858	-21.5#	105	0.00	2.66
28	1,1-Dichloroethane	0.326	0.356	-9.2	96	0.00	2.63
29	Acrylonitrile	0.115	0.132	-14.8	103	0.00	2.66
30	ETBE	0.592	0.683	-15.4	99	0.00	2.75
31	Vinyl acetate	0.532	0.615	-15.6	99	0.00	2.75
32	cis-1,2-Dichloroethene	0.182	0.204	-12.1	98	0.00	2.91
33	2,2-Dichloropropane	0.258	0.277	-7.4	95	0.00	2.97
34	Bromochloromethane	0.090	0.112	-24.4#	107	0.00	3.02
35	Cyclohexane	0.268	0.328	-22.4#	101	0.00	3.03
	----------	Amount	Calc.	%Drift	----------		
36	Chloroform	40.000	44.535	-11.3	97	0.00	3.06

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-CC3572
Lab FileID: I772339.D

			AvgRF	CCRF	%Dev			
37		Ethyl acetate	0.382	0.437	-14.4	100	0.00	3.12
38		Tetrahydrofuran	0.148	0.168	-13.5	100	0.00	3.15
39	S	Dibromofluoromethane	0.285	0.306	-7.4	95	0.00	3.16
40		Carbon Tetrachloride	0.225	0.251	-11.6	93	0.00	3.14
41		1,1,1-Trichloroethane	0.258	0.285	-10.5	93	0.00	3.18
42		2-Butanone	0.232	0.260	-12.1	99	0.00	3.22
43		1,1-Dichloropropene	0.208	0.227	-9.1	93	0.00	3.24
			Amount	Calc.	%Drift			
44		tert-Butyl formate	200.000	177.425	11.3	80	0.00	3.30
			AvgRF	CCRF	%Dev			
45		Propionitrile	0.065	0.068	-4.6	92	0.00	3.39
46		Methacrylonitrile	0.208	0.203	2.4	86	0.00	3.40
47		Benzene	0.685	0.764	-11.5	97	0.00	3.38
48		TAME	0.531	0.611	-15.1	99	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.337	0.322	4.5	83	0.00	3.45
50		1,2-Dichloroethane	0.269	0.278	-3.3	92	0.00	3.49
51		Isobutyl Alcohol	0.008	0.008	0.0	88	0.00	3.44
52		Tert Amyl Alcohol	0.068	0.078	-14.7	98	0.00	3.55
53		Trichloroethene	0.185	0.204	-10.3	97	0.00	3.71
54		Methylcyclohexane	0.225	0.276	-22.7#	97	0.00	3.71
55		Dibromomethane	0.132	0.151	-14.4	99	0.00	3.95
56		1,2-Dichloropropane	0.182	0.208	-14.3	99	0.00	4.02
57		Bromodichloromethane	0.258	0.288	-11.6	99	0.00	4.05
58		Methyl methacrylate	0.230	0.217	5.7	79	0.00	4.13
59		1,4-Dioxane	0.005	0.006	-20.0	97	0.00	4.17
60		2-Chloroethyl vinyl ether	0.160	0.179	-11.9	93	0.00	4.39
61		cis-1,3-Dichloropropene	0.288	0.340	-18.1	100	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00	5.58
63	S	Toluene-d8	1.283	1.229	4.2	86	0.00	4.55
64		Toluene	0.967	1.063	-9.9	97	0.00	4.58
65		2-Nitropropane	0.124	0.119	4.0	79	0.00	4.72
66		4-Methyl-2-pentanone	0.487	0.548	-12.5	97	0.00	4.82
67		trans-1,3-Dichloropropene	0.391	0.439	-12.3	96	0.00	4.84
68		Tetrachloroethene	0.221	0.253	-14.5	97	0.00	4.83
69		Ethyl methacrylate	0.353	0.368	-4.2	86	0.00	4.94
70		1,1,2-Trichloroethane	0.204	0.243	-19.1	105	0.00	4.95
71		Dibromochloromethane	0.258	0.302	-17.1	102	0.00	5.07
72		1,3-Dichloropropane	0.402	0.468	-16.4	103	0.00	5.13
73		1,2-Dibromoethane	0.267	0.310	-16.1	103	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.101	0.110	-8.9	91	0.00	5.36
75		2-hexanone	0.583	0.613	-5.1	90	0.00	5.37
76		1-Chlorohexane	0.327	0.349	-6.7	93	0.00	5.58
77		Ethylbenzene	1.056	1.188	-12.5	99	0.00	5.61
78		Chlorobenzene	0.625	0.699	-11.8	101	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.218	0.258	-18.3	101	0.00	5.64
80		m,p-Xylene	0.799	0.923	-15.5	98	0.00	5.71
81		o-Xylene	0.795	0.909	-14.3	99	0.00	6.02
82		Styrene	0.599	0.759	-26.7#	107	0.00	6.06
83		Bromoform	0.178	0.217	-21.9#	103	0.00	6.08
84		Isopropylbenzene	0.916	1.069	-16.7	98	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00	7.32
86	S	4-Bromofluorobenzene	0.754	0.756	-0.3	93	0.00	6.46
87		cis-1,4-Dichloro-2-butene	0.310	0.286	7.7	84	0.00	6.51
88		n-Propylbenzene	2.301	2.571	-11.7	98	0.00	6.56

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-CC3572
Lab FileID: I772339.D

89	Bromobenzene	0.520	0.592	-13.8	105	0.00	6.54
90	1,1,2,2-Tetrachloroethane	0.825	0.920	-11.5	105	0.00	6.61
91	1,3,5-Trimethylbenzene	1.516	1.734	-14.4	99	0.00	6.72
92	2-Chlorotoluene	1.299	1.434	-10.4	100	0.00	6.68
93	trans-1,4-Dichloro-2-Bute	0.241	0.227	5.8	87	0.00	6.75
94	1,2,3-Trichloropropane	0.251	0.280	-11.6	102	0.00	6.72
95	Cyclohexanone	0.064	0.073	-14.1	105	0.00	6.74
96	4-Chlorotoluene	1.458	1.632	-11.9	100	0.00	6.81
97	tert-Butylbenzene	0.828	0.905	-9.3	94	0.00	6.96
98	1,2,4-Trimethylbenzene	1.532	1.783	-16.4	99	0.00	7.01
99	Pentachloroethane	0.278	0.314	-12.9	97	0.00	6.97
100	sec-Butylbenzene	1.737	1.988	-14.5	96	0.00	7.10
101	4-Isopropyltoluene	1.431	1.652	-15.4	97	0.00	7.22
102	1,3-Dichlorobenzene	0.923	1.051	-13.9	102	0.00	7.26
103	1,2,3-Trimethylbenzene	1.598	1.890	-18.3	104	0.00	7.36
104	1,4-Dichlorobenzene	0.965	1.083	-12.2	103	0.00	7.33
105	n-Butylbenzene	0.802	0.923	-15.1	97	0.00	7.54
106	Benzyl Chloride	0.278	0.333	-19.8	105	0.00	7.52
107	1,2-Dichlorobenzene	0.877	1.004	-14.5	103	0.00	7.64
108	1,2-Dibromo-3-Chloropropa	0.222	0.239	-7.7	99	0.00	8.22
109	Hexachlorobutadiene	0.166	0.188	-13.3	96	0.00	8.67
110	1,2,4-Trichlorobenzene	0.478	0.539	-12.8	97	0.00	8.69
111	Naphthalene	1.915	2.209	-15.4	100	0.00	8.90
112	1,2,3-Trichlorobenzene	0.459	0.531	-15.7	100	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I771507.D VI3572_05182025.M Tue Jun 17 07:29:52 2025

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-ECC3572
Lab FileID: I772366.D

Evaluate Continuing Calibration Report

Data File : X:\Orlando VOA\paula...June\VI3607\I772366.d Vial: 29
Acq On : 17 Jun 2025 2:22 pm Operator: jeniferw
Sample : ECC3572-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : X:\Orlando VOA\p...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Sun May 18 13:02:01 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	86	0.00	3.61
2	Dichlorodifluoromethane	0.244	0.251	-2.9	85	0.00	1.09
3	Chloromethane	0.218	0.230	-5.5	90	0.00	1.21
4	1,3-butadiene	0.174	0.168	3.4	79	0.00	1.27
5	Vinyl Chloride	0.218	0.228	-4.6	87	0.00	1.26
6	Bromomethane	0.126	0.113	10.3	81	0.00	1.45
7	Chloroethane	0.097	0.081	16.5	68	0.00	1.52
8	Trichlorofluoromethane	0.295	0.293	0.7	77	0.00	1.60
9	Ethyl Ether	0.180	0.174	3.3	82	0.00	1.79
10	Ethanol	0.007	0.007	0.0	90	0.01	1.89
11	1,2-Dichlorotrifluoroetha	0.212	0.197	7.1	77	0.00	1.89
12	1,1-Dichloroethene	0.273	0.227	16.8	68	0.00	1.89
13	Freon 113	0.161	0.165	-2.5	80	0.00	1.92
14	Carbon Disulfide	0.547	0.533	2.6	82	0.00	1.91
	----------	True	Calc.	% Drift	----------		
15	Iodomethane	40.000	47.761	-19.4	98	0.00	1.98
	----------	AvgRF	CCRF	% Dev	----------		
16	Acrolein	0.071	0.065	8.5	81	0.00	2.08
17	Allyl chloride	0.299	0.151	49.5	46#	0.00	2.16
18	Methylene Chloride	0.277	0.233	15.9	77	0.00	2.21
19	Acetone	0.142	0.135	4.9	82	0.00	2.24
20	Methyl acetate	0.338	0.312	7.7	86	0.00	2.30
21	trans-1,2-Dichloroethene	0.261	0.224	14.2	72	0.00	2.30
22	Hexane	0.142	0.134	5.6	77	0.00	2.34
23	Methyl Tert Butyl Ether	0.577	0.556	3.6	83	0.00	2.36
24	Acetonitrile	0.051	0.041	19.6	74	0.00	2.49
25	Tert Butyl Alcohol	0.088	0.093	-5.7	88	0.00	2.41
26	Di-isopropyl ether	0.595	0.610	-2.5	88	0.00	2.56
27	Chloroprene	0.706	0.811	-14.9	96	0.00	2.66
28	1,1-Dichloroethane	0.326	0.321	1.5	84	0.00	2.63
29	Acrylonitrile	0.115	0.126	-9.6	95	0.00	2.66
30	ETBE	0.592	0.624	-5.4	88	0.00	2.75
31	Vinyl acetate	0.532	0.557	-4.7	87	0.00	2.75
32	cis-1,2-Dichloroethene	0.182	0.186	-2.2	87	0.00	2.92
33	2,2-Dichloropropane	0.258	0.236	8.5	78	0.00	2.98
34	Bromochloromethane	0.090	0.102	-13.3	95	0.00	3.03
35	Cyclohexane	0.268	0.291	-8.6	86	0.00	3.03
	----------	True	Calc.	% Drift	----------		
36	Chloroform	40.000	40.332	-0.8	85	0.00	3.06

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-ECC3572
Lab FileID: I772366.D

			AvgRF	CCRF	% Dev			
37		Ethyl acetate	0.382	0.411	-7.6	91	0.00	3.12
38		Tetrahydrofuran	0.148	0.156	-5.4	89	0.00	3.16
39	S	Dibromofluoromethane	0.285	0.305	-7.0	92	0.00	3.16
40		Carbon Tetrachloride	0.225	0.193	14.2	69	0.00	3.14
41		1,1,1-Trichloroethane	0.258	0.261	-1.2	82	0.00	3.18
42		2-Butanone	0.232	0.249	-7.3	91	0.00	3.23
43		1,1-Dichloropropene	0.208	0.207	0.5	82	0.00	3.25
			True	Calc.	% Drift			
44		tert-Butyl formate	200.000	163.597	18.2	71	0.00	3.31
			AvgRF	CCRF	% Dev			
45		Propionitrile	0.065	0.064	1.5	83	0.00	3.39
46		Methacrylonitrile	0.208	0.188	9.6	77	0.00	3.41
47		Benzene	0.685	0.689	-0.6	85	0.00	3.39
48		TAME	0.531	0.532	-0.2	84	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.337	0.321	4.7	80	0.00	3.45
50		1,2-Dichloroethane	0.269	0.250	7.1	80	0.00	3.50
51		Isobutyl Alcohol	0.008	0.007	12.5	78	0.00	3.44
52		Tert Amyl Alcohol	0.068	0.071	-4.4	86	0.00	3.55
53		Trichloroethene	0.185	0.185	0.0	85	0.00	3.71
54		Methylcyclohexane	0.225	0.248	-10.2	84	0.00	3.71
55		Dibromomethane	0.132	0.137	-3.8	87	0.00	3.95
56		1,2-Dichloropropane	0.182	0.191	-4.9	88	0.00	4.02
57		Bromodichloromethane	0.258	0.256	0.8	85	0.00	4.05
58		Methyl methacrylate	0.230	0.202	12.2	71	0.00	4.14
59		1,4-Dioxane	0.005	0.006	-20.0	95	0.00	4.18
60		2-Chloroethyl vinyl ether	0.160	0.172	-7.5	87	0.00	4.39
61		cis-1,3-Dichloropropene	0.288	0.302	-4.9	86	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00	5.58
63	S	Toluene-d8	1.283	1.237	3.6	83	0.00	4.55
64		Toluene	0.967	0.967	0.0	86	0.00	4.58
65		2-Nitropropane	0.124	0.104	16.1	67	0.00	4.73
66		4-Methyl-2-pentanone	0.487	0.518	-6.4	89	0.00	4.82
67		trans-1,3-Dichloropropene	0.391	0.389	0.5	83	0.00	4.84
68		Tetrachloroethene	0.221	0.250	-13.1	93	0.00	4.83
69		Ethyl methacrylate	0.353	0.353	0.0	80	0.00	4.95
70		1,1,2-Trichloroethane	0.204	0.217	-6.4	91	0.00	4.95
71		Dibromochloromethane	0.258	0.273	-5.8	89	0.00	5.07
72		1,3-Dichloropropane	0.402	0.422	-5.0	90	0.00	5.13
73		1,2-Dibromoethane	0.267	0.282	-5.6	91	0.00	5.23
74		3,3-Dimethyl-1-Butanol	0.101	0.106	-5.0	85	0.00	5.36
75		2-hexanone	0.583	0.585	-0.3	84	0.00	5.37
76		1-Chlorohexane	0.327	0.202	38.2	52	0.00	5.58
77		Ethylbenzene	1.056	0.938	11.2	76	0.00	5.61
78		Chlorobenzene	0.625	0.640	-2.4	89	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.218	0.233	-6.9	88	0.00	5.64
80		m,p-Xylene	0.799	0.823	-3.0	85	0.00	5.72
81		o-Xylene	0.795	0.817	-2.8	86	0.00	6.02
82		Styrene	0.599	0.645	-7.7	89	0.00	6.06
83		Bromoform	0.178	0.189	-6.2	87	0.00	6.08
84		Isopropylbenzene	0.916	0.969	-5.8	86	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00	7.32
86	S	4-Bromofluorobenzene	0.754	0.759	-0.7	92	0.00	6.46
87		cis-1,4-Dichloro-2-butene	0.310	0.230	25.8	67	0.00	6.51
88		n-Propylbenzene	2.301	2.270	1.3	85	0.00	6.56

Continuing Calibration Summary

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3607-ECC3572
Lab FileID: I772366.D

89	Bromobenzene	0.520	0.524	-0.8	91	0.00	6.54
90	1,1,2,2-Tetrachloroethane	0.825	0.831	-0.7	93	0.00	6.61
91	1,3,5-Trimethylbenzene	1.516	1.537	-1.4	86	0.00	6.72
92	2-Chlorotoluene	1.299	1.284	1.2	88	0.00	6.68
93	trans-1,4-Dichloro-2-Bute	0.241	0.186	22.8	70	0.00	6.75
94	1,2,3-Trichloropropane	0.251	0.259	-3.2	93	0.00	6.72
95	Cyclohexanone	0.064	0.069	-7.8	97	0.00	6.75
96	4-Chlorotoluene	1.458	1.436	1.5	87	0.00	6.81
97	tert-Butylbenzene	0.828	0.816	1.4	83	0.00	6.96
98	1,2,4-Trimethylbenzene	1.532	1.582	-3.3	87	0.00	7.01
99	Pentachloroethane	0.278	0.256	7.9	78	0.00	6.97
100	sec-Butylbenzene	1.737	1.756	-1.1	84	0.00	7.10
101	4-Isopropyltoluene	1.431	1.455	-1.7	84	0.00	7.22
102	1,3-Dichlorobenzene	0.923	0.937	-1.5	90	0.00	7.26
103	1,2,3-Trimethylbenzene	1.598	1.708	-6.9	93	0.00	7.36
104	1,4-Dichlorobenzene	0.965	0.966	-0.1	90	0.00	7.33
105	n-Butylbenzene	0.802	0.804	-0.2	83	0.00	7.54
106	Benzyl Chloride	0.278	0.265	4.7	82	0.00	7.52
107	1,2-Dichlorobenzene	0.877	0.906	-3.3	91	0.00	7.65
108	1,2-Dibromo-3-Chloropropa	0.222	0.208	6.3	85	0.00	8.22
109	Hexachlorobutadiene	0.166	0.163	1.8	82	0.00	8.67
110	1,2,4-Trichlorobenzene	0.478	0.489	-2.3	87	0.00	8.69
111	Naphthalene	1.915	1.969	-2.8	87	0.00	8.90
112	1,2,3-Trichlorobenzene	0.459	0.472	-2.8	88	0.00	9.02

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I771507.D VI3572_05182025.M Tue Jun 17 21:16:41 2025

Run Sequence Report

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3572 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3572-BFB	I771501.D	05/18/25 07:53	n/a	BFB Tune
VI3572-IC3572	I771502.D	05/18/25 08:19	n/a	Initial cal 1
VI3572-IC3572	I771503.D	05/18/25 08:35	n/a	Initial cal 8
VI3572-IC3572	I771504.D	05/18/25 08:51	n/a	Initial cal 2
VI3572-IC3572	I771505.D	05/18/25 09:07	n/a	Initial cal 3
VI3572-IC3572	I771506.D	05/18/25 09:24	n/a	Initial cal 4
VI3572-ICC3572	I771507.D	05/18/25 09:40	n/a	Initial cal 5
VI3572-IC3572	I771508.D	05/18/25 09:56	n/a	Initial cal 6
VI3572-IC3572	I771509.D	05/18/25 10:12	n/a	Initial cal 7
VI3572-ICV3572	I771511.D	05/18/25 11:58	n/a	Initial cal verification 5
VI3572-BS	I771512.D	05/18/25 12:14	n/a	Blank Spike
VI3572-MB	I771515.D	05/18/25 13:02	n/a	Method Blank
ZZZZZZ	I771520.D	05/18/25 15:13	n/a	(unrelated sample)
ZZZZZZ	I771521.D	05/18/25 15:30	n/a	(unrelated sample)
ZZZZZZ	I771522.D	05/18/25 15:46	n/a	(unrelated sample)
ZZZZZZ	I771523.D	05/18/25 16:02	n/a	(unrelated sample)
ZZZZZZ	I771524.D	05/18/25 16:19	n/a	(unrelated sample)
ZZZZZZ	I771525.D	05/18/25 16:35	n/a	(unrelated sample)
ZZZZZZ	I771526.D	05/18/25 16:51	n/a	(unrelated sample)
ZZZZZZ	I771527.D	05/18/25 17:08	n/a	(unrelated sample)
ZZZZZZ	I771528.D	05/18/25 17:24	n/a	(unrelated sample)
ZZZZZZ	I771529.D	05/18/25 17:41	n/a	(unrelated sample)
ZZZZZZ	I771530.D	05/18/25 17:57	n/a	(unrelated sample)

Run Sequence Report

Job Number: FC25417
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3607 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3607-BFB	I772338.D	06/17/25 06:32	n/a	BFB Tune
VI3607-CC3572	I772339.D	06/17/25 06:51	n/a	Continuing cal 5
VI3607-BS	I772340.D	06/17/25 07:10	n/a	Blank Spike
VI3607-MB	I772342.D	06/17/25 07:43	n/a	Method Blank
FC25417-8	I772344.D	06/17/25 08:24	n/a	789MW-222_0525
FC25417-11	I772345.D	06/17/25 08:40	n/a	789-TB01_0525-C
FC25417-1	I772346.D	06/17/25 08:56	n/a	789MW-135_0525
FC25417-2	I772347.D	06/17/25 09:13	n/a	789MW-46R_0525
FC25417-3	I772348.D	06/17/25 09:29	n/a	789MW-83_0525
FC25417-4	I772349.D	06/17/25 09:45	n/a	789MW-95_0525
FC25417-5	I772350.D	06/17/25 10:02	n/a	789MW-99_0525
FC25417-6	I772351.D	06/17/25 10:18	n/a	789MW-99_0525-A
FC25417-7	I772352.D	06/17/25 10:34	n/a	789MW-216_0525
FC25417-9	I772353.D	06/17/25 10:51	n/a	789MW-251_0525
FC25417-10	I772354.D	06/17/25 11:07	n/a	789-AB01_0525-D
ZZZZZZ	I772355.D	06/17/25 11:23	n/a	(unrelated sample)
ZZZZZZ	I772356.D	06/17/25 11:40	n/a	(unrelated sample)
ZZZZZZ	I772357.D	06/17/25 11:56	n/a	(unrelated sample)
ZZZZZZ	I772358.D	06/17/25 12:12	n/a	(unrelated sample)
ZZZZZZ	I772359.D	06/17/25 12:28	n/a	(unrelated sample)
ZZZZZZ	I772360.D	06/17/25 12:44	n/a	(unrelated sample)
ZZZZZZ	I772361.D	06/17/25 13:01	n/a	(unrelated sample)
ZZZZZZ	I772362.D	06/17/25 13:17	n/a	(unrelated sample)
ZZZZZZ	I772363.D	06/17/25 13:33	n/a	(unrelated sample)
FC25417-8MS	I772364.D	06/17/25 13:49	n/a	Matrix Spike
FC25417-8MSD	I772365.D	06/17/25 14:06	n/a	Matrix Spike Duplicate
VI3607-ECC3572	I772366.D	06/17/25 14:22	n/a	Ending cal 5

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772346.d
Acq On : 17 Jun 2025 8:56 am
Operator : jeniferw
Sample : FC25417-1 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 17 20:58:01 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

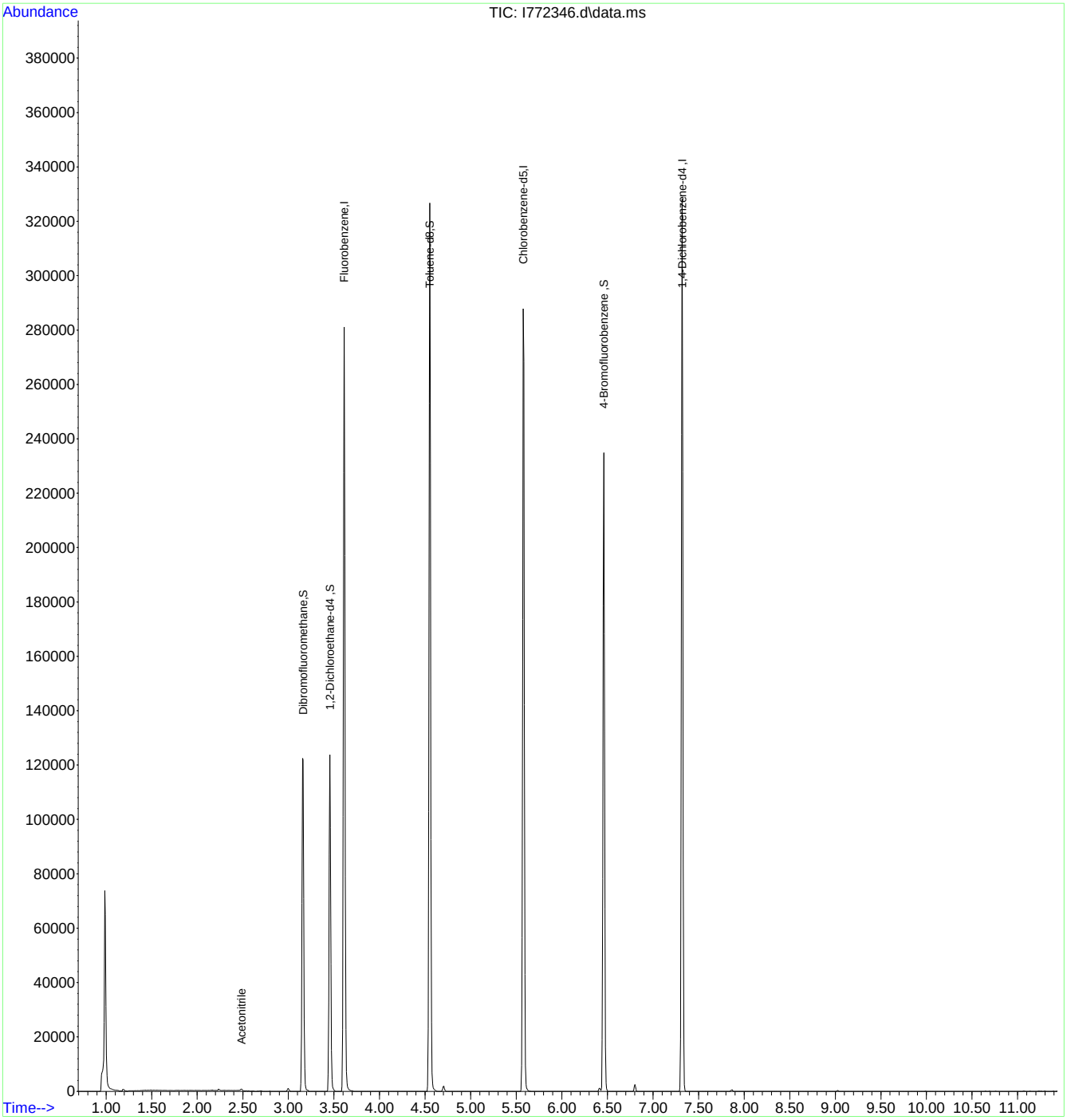
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	168276	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	125472	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	62473	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	52035	54.24	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 108.48%			
49) 1,2-Dichloroethane-d4	3.455	65	56085	49.45	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 98.90%			
63) Toluene-d8	4.552	98	150928	46.88	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.76%			
86) 4-Bromofluorobenzene	6.460	174	48098	51.03	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.06%			
Target Compounds						Qvalue
24) Acetonitrile	2.485	41	399	2.3373	ug/L	68

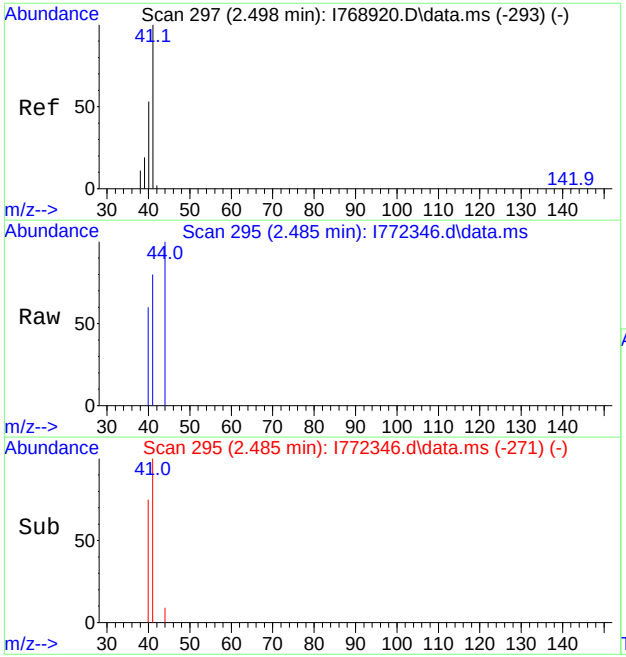
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772346.d
Acq On : 17 Jun 2025 8:56 am
Operator : jeniferw
Sample : FC25417-1 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 17 20:58:01 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

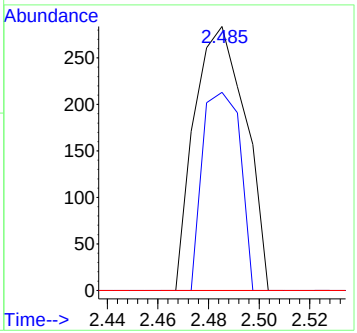




#24
Acetonitrile
Concen: 2.3373 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I772346.d
Acq: 17 Jun 2025 8:56 am

Tgt Ion: 41 Resp: 399

Ion	Ratio	Lower	Upper
41	100		
40	75.0	35.0	75.0
39	0.0	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772347.d
Acq On : 17 Jun 2025 9:13 am
Operator : jeniferw
Sample : FC25417-2 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 17 20:58:29 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

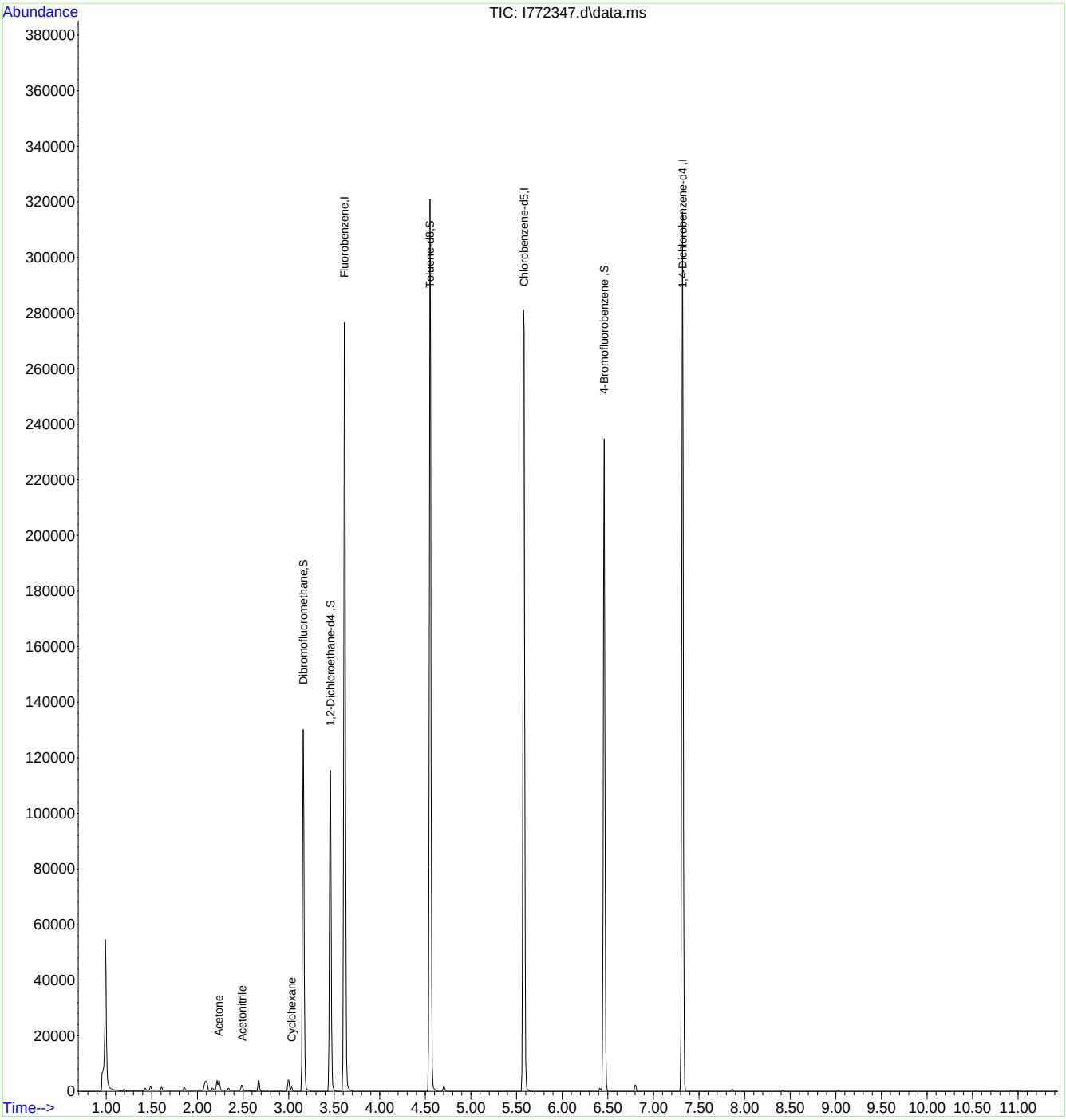
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	167341	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	124586	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	62098	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51722	54.21	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 108.42%			
49) 1,2-Dichloroethane-d4	3.461	65	55127	48.87	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.74%			
63) Toluene-d8	4.552	98	149483	46.76	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.52%			
86) 4-Bromofluorobenzene	6.460	174	47666	50.87	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.74%			
Target Compounds						Qvalue
19) Acetone	2.235	43	2785	5.8553	ug/L	91
24) Acetonitrile	2.491	41	1508	8.8829	ug/L	84
35) Cyclohexane	3.034	56	523	0.5830	ug/L	88

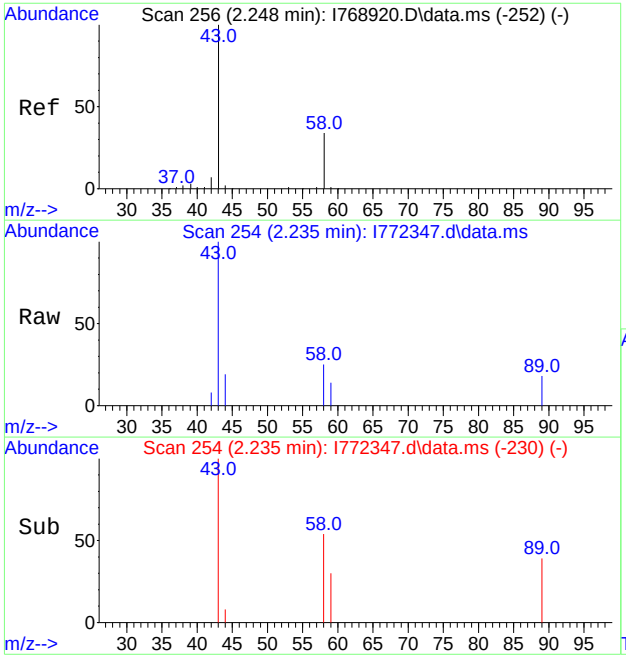
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772347.d
Acq On : 17 Jun 2025 9:13 am
Operator : jeniferw
Sample : FC25417-2 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 17 20:58:29 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

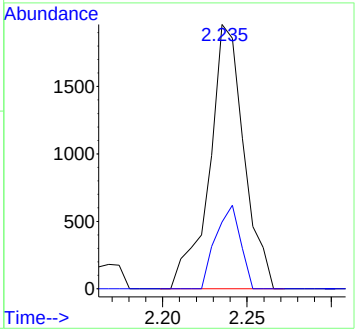


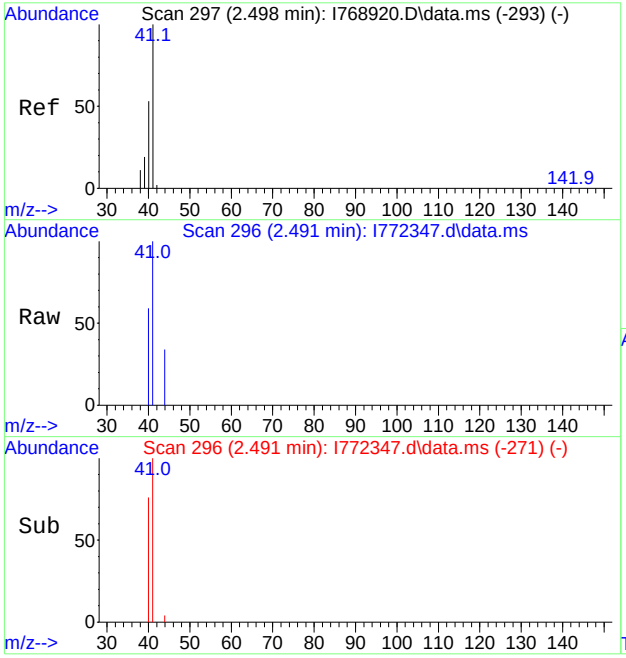


#19
Acetone
Concen: 5.8553 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I772347.d
Acq: 17 Jun 2025 9:13 am

Tgt Ion: 43 Resp: 2785

Ion	Ratio	Lower	Upper
43	100		
58	25.2	0.0	60.0

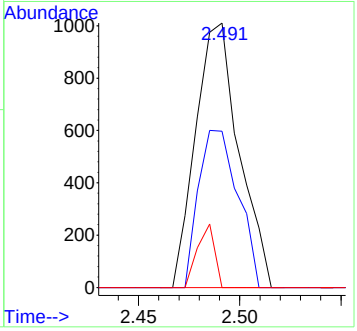


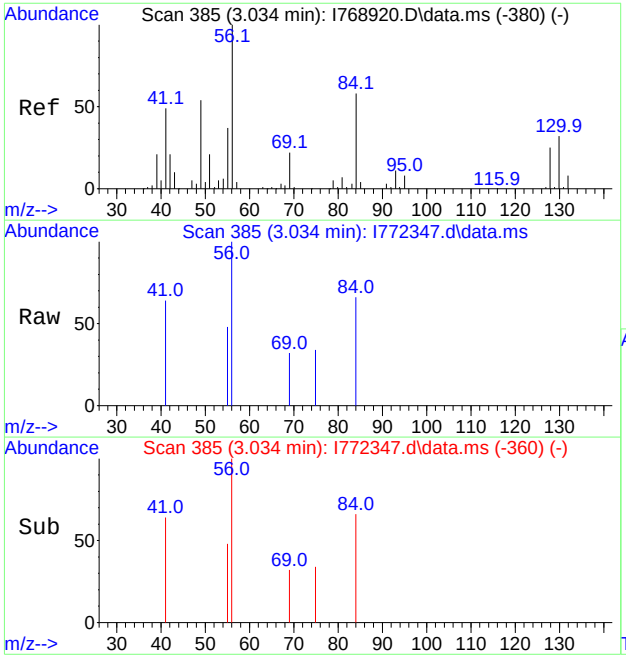


#24
Acetonitrile
Concen: 8.8829 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I772347.d
Acq: 17 Jun 2025 9:13 am

Tgt Ion: 41 Resp: 1508

Ion	Ratio	Lower	Upper
41	100		
40	59.1	35.0	75.0
39	0.0	0.0	40.0

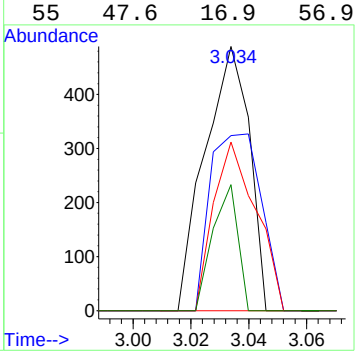




#35
Cyclohexane
Concen: 0.5830 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772347.d
Acq: 17 Jun 2025 9:13 am

Tgt Ion: 56 Resp: 523

Ion	Ratio	Lower	Upper
56	100		
84	66.3	56.7	96.7
41	63.8	37.5	77.5
55	47.6	16.9	56.9



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772348.d
Acq On : 17 Jun 2025 9:29 am
Operator : jeniferw
Sample : FC25417-3 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 17 20:59:00 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

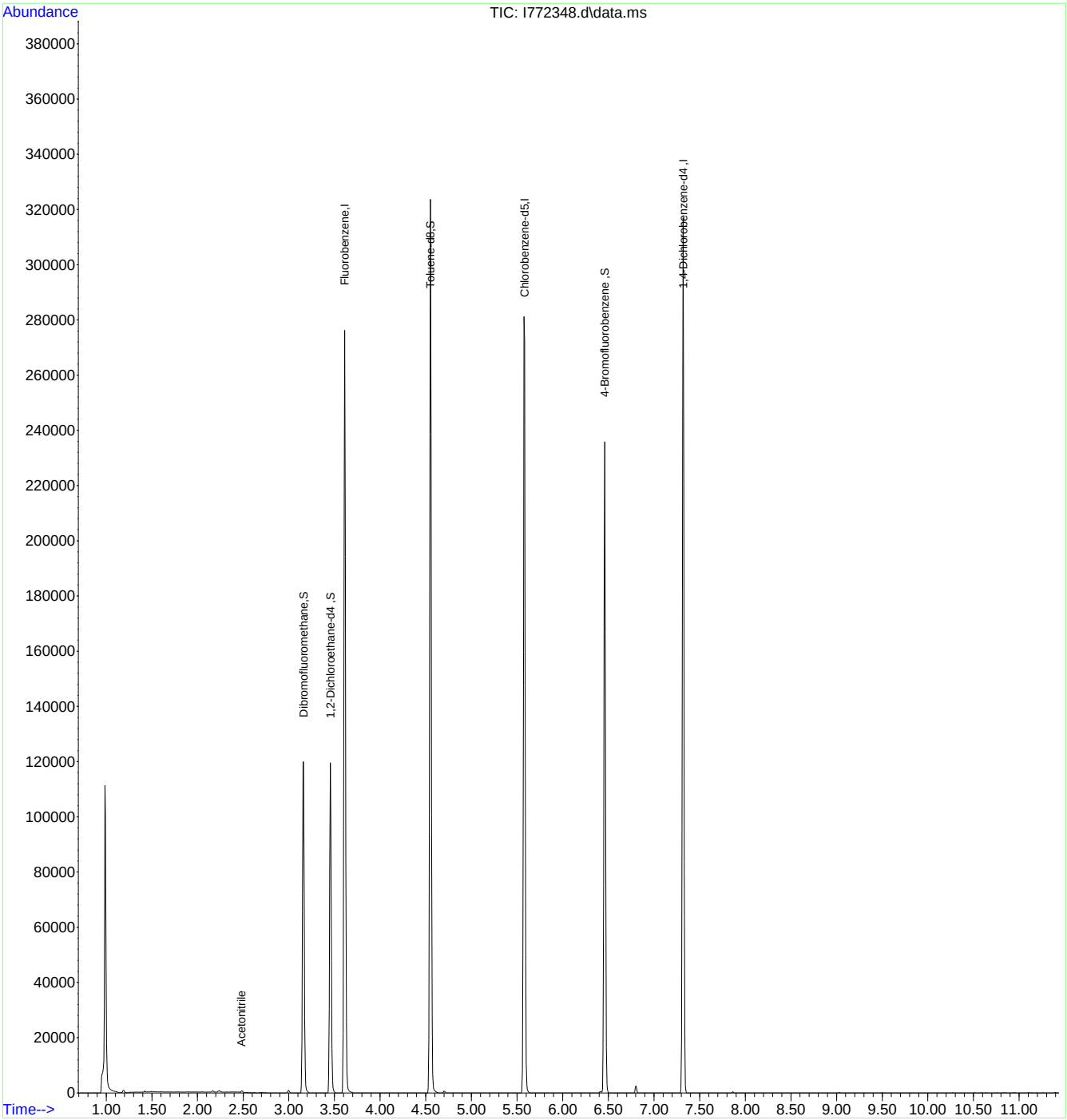
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.613	96	166362	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.582	117	123698	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.320	152	61716	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.162	113	51147	53.93	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery = 107.86%			
49) 1,2-Dichloroethane-d4		3.455	65	54581	48.67	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125		Recovery = 97.34%			
63) Toluene-d8		4.552	98	148974	46.94	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112		Recovery = 93.88%			
86) 4-Bromofluorobenzene		6.460	174	47818	51.35	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery = 102.70%			
Target Compounds							Qvalue
24) Acetonitrile		2.479	41	378	2.2397	ug/L	82

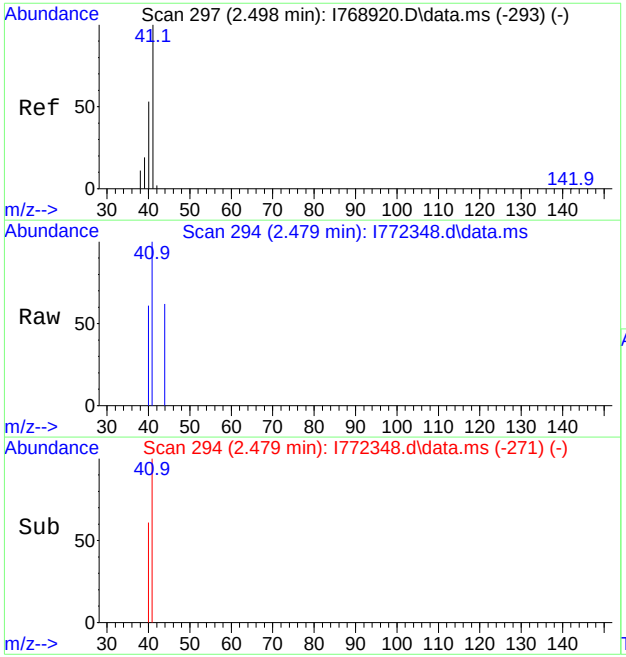
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772348.d
Acq On : 17 Jun 2025 9:29 am
Operator : jeniferw
Sample : FC25417-3 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 17 20:59:00 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

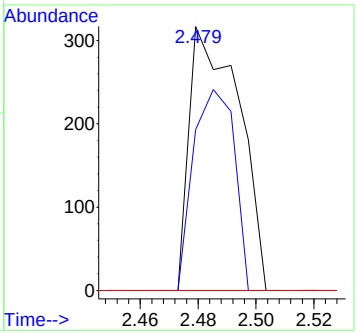




#24
Acetonitrile
Concen: 2.2397 ug/L
RT: 2.479 min Scan# 294
Delta R.T. -0.012 min
Lab File: I772348.d
Acq: 17 Jun 2025 9:29 am

Tgt Ion: 41 Resp: 378

Ion	Ratio	Lower	Upper
41	100		
40	60.9	35.0	75.0
39	0.0	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772349.d
Acq On : 17 Jun 2025 9:45 am
Operator : jeniferw
Sample : FC25417-4 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 17 20:59:35 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

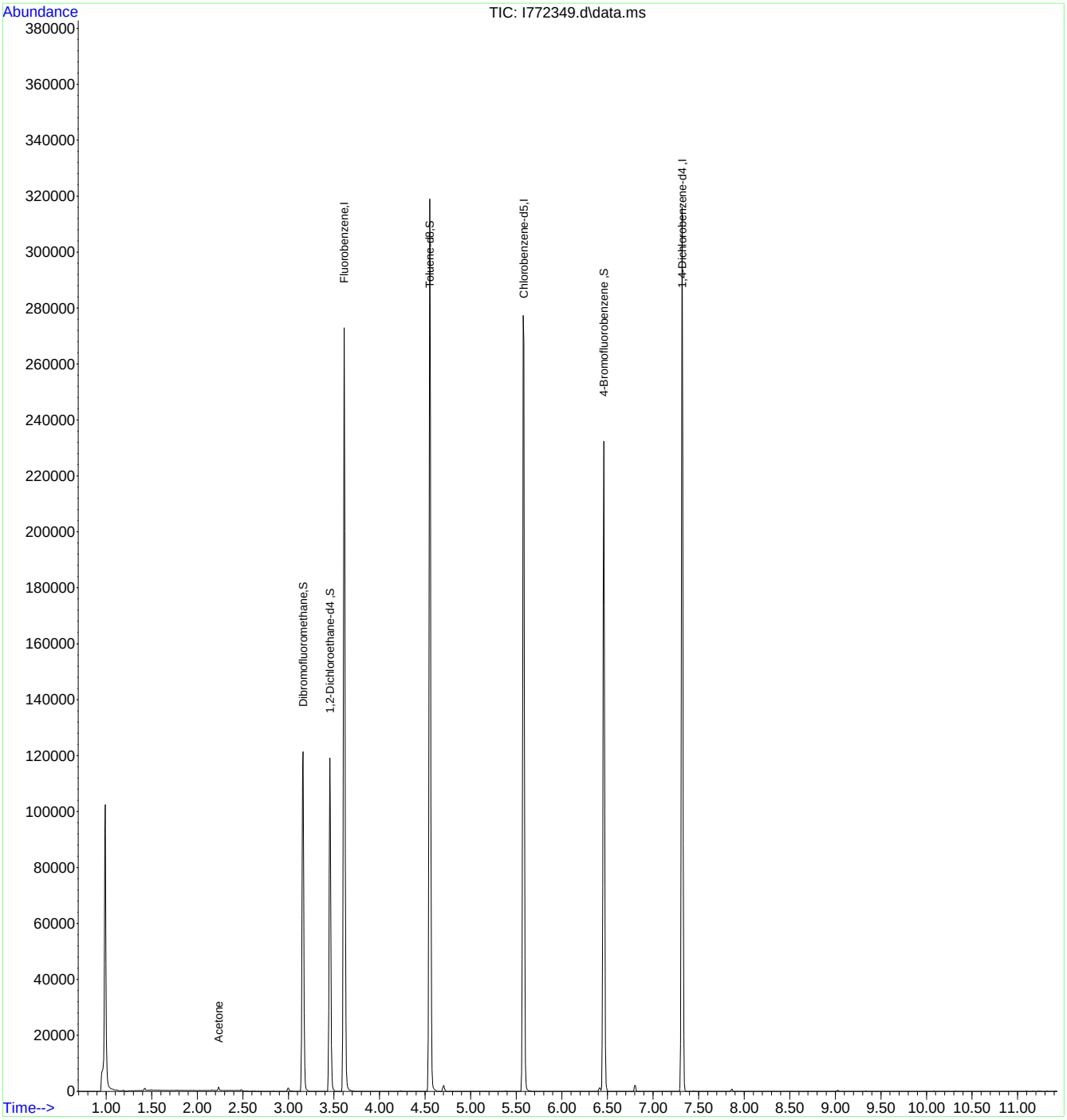
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	163801	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	121505	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	60540	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	50585	54.17	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 108.34%			
49) 1,2-Dichloroethane-d4	3.454	65	54050	48.95	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.90%			
63) Toluene-d8	4.552	98	147811	47.41	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.82%			
86) 4-Bromofluorobenzene	6.460	174	46852	51.29	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.58%			
Target Compounds						Qvalue
19) Acetone	2.235	43	980	2.1049	ug/L	99

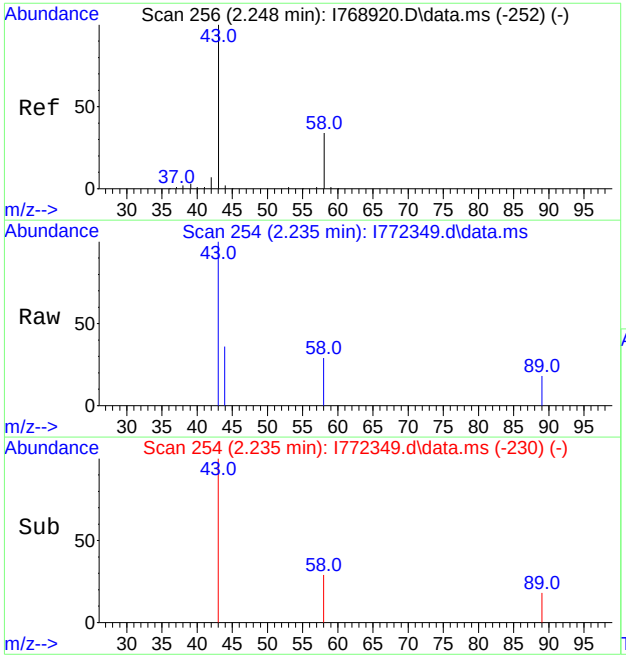
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772349.d
Acq On : 17 Jun 2025 9:45 am
Operator : jeniferw
Sample : FC25417-4 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 17 20:59:35 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

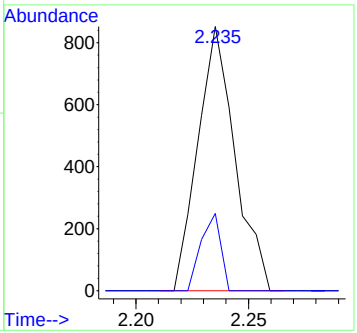




#19
Acetone
Concen: 2.1049 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I772349.d
Acq: 17 Jun 2025 9:45 am

Tgt Ion: 43 Resp: 980

Ion	Ratio	Lower	Upper
43	100		
58	29.2	0.0	60.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772350.d
Acq On : 17 Jun 2025 10:02 am
Operator : jeniferw
Sample : FC25417-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 21:00:51 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

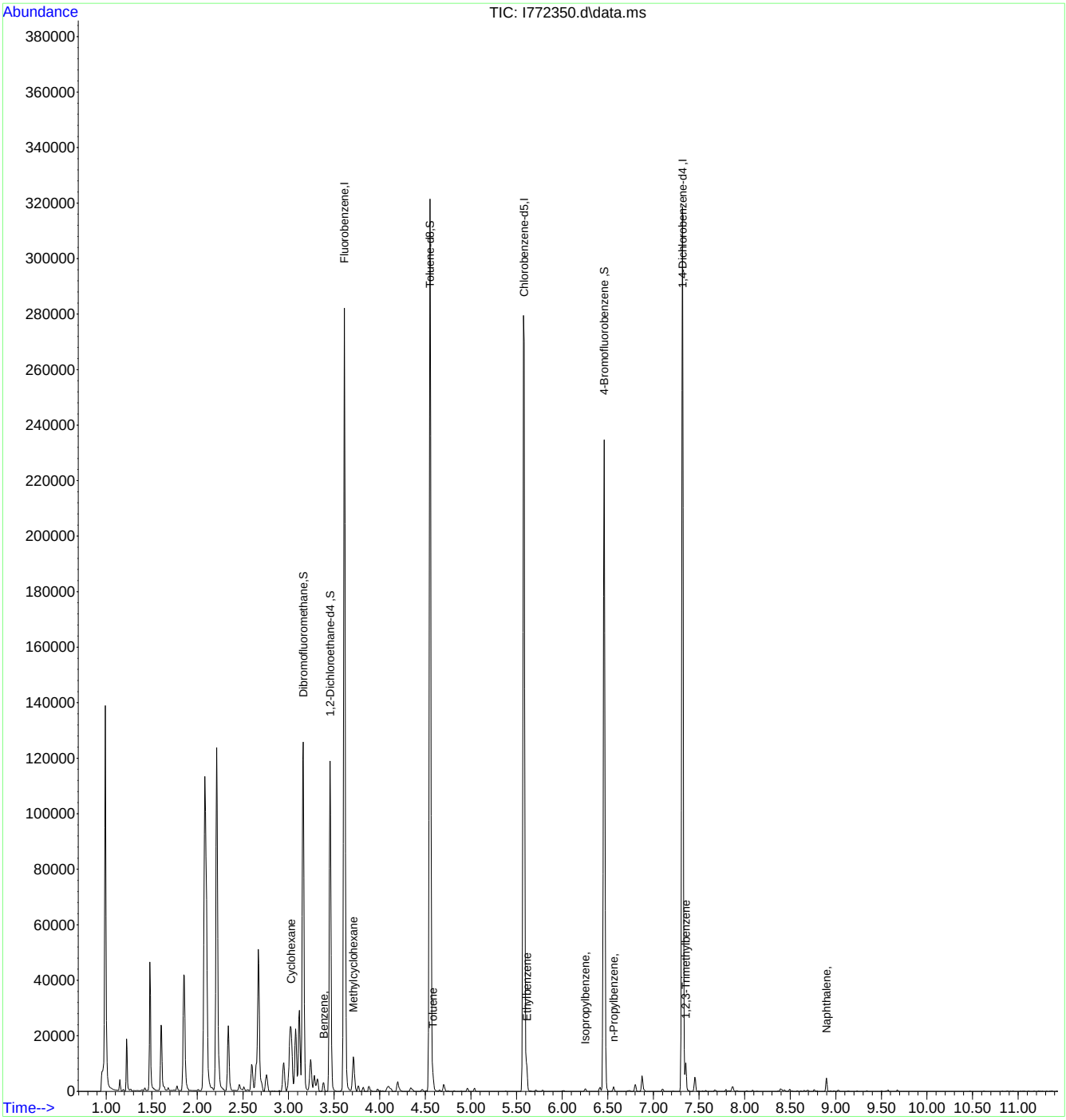
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	167498	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	123130	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	60959	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51142	53.56	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.12%			
49) 1,2-Dichloroethane-d4	3.455	65	54377	48.16	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 96.32%			
63) Toluene-d8	4.552	98	149194	47.22	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.44%			
86) 4-Bromofluorobenzene	6.460	174	47704	51.87	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.74%			
Target Compounds						Qvalue
35) Cyclohexane	3.028	56	6751	7.5188	ug/L	93
47) Benzene	3.388	78	2149	0.9363	ug/L	90
54) Methylcyclohexane	3.711	83	3261	4.3243	ug/L	96
64) Toluene	4.582	91	1171	0.4918	ug/L	94
77) Ethylbenzene	5.613	91	5169	1.9870	ug/L	98
84) Isopropylbenzene	6.253	105	841	0.3729	ug/L	75
88) n-Propylbenzene	6.564	91	1316	0.4691	ug/L	78
103) 1,2,3-Trimethylbenzene	7.356	105	5156	2.6464	ug/L	96
111) Naphthalene	8.899	128	3038	1.3015	ug/L	94

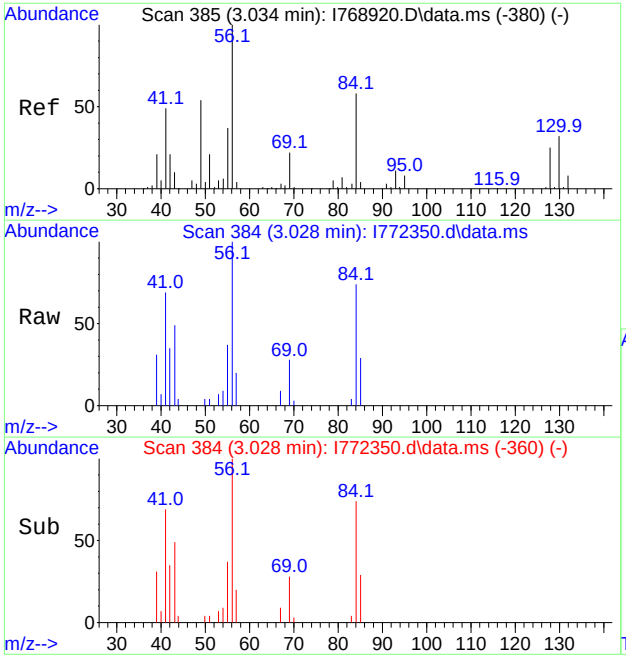
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772350.d
Acq On : 17 Jun 2025 10:02 am
Operator : jeniferw
Sample : FC25417-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 17 21:00:51 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

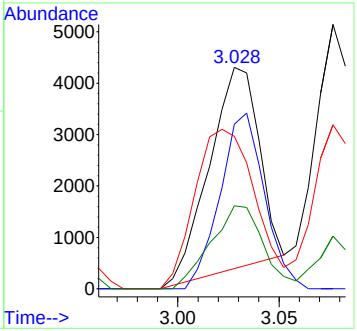


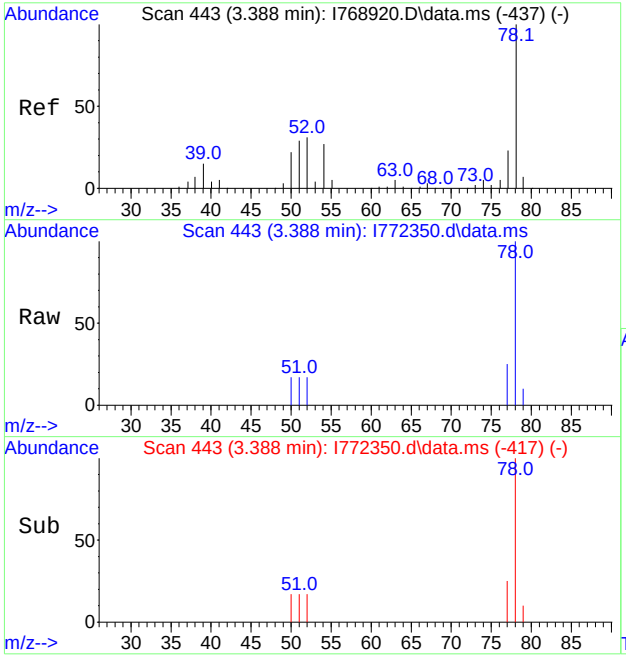


#35
Cyclohexane
Concen: 7.5188 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.006 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 56 Resp: 6751

Ion	Ratio	Lower	Upper
56	100		
84	74.3	56.7	96.7
41	68.9	37.5	77.5
55	37.4	16.9	56.9

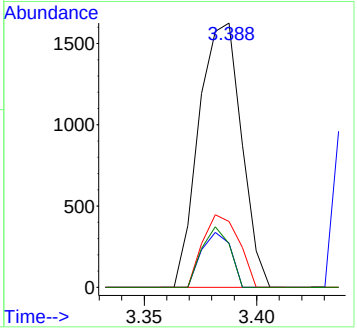


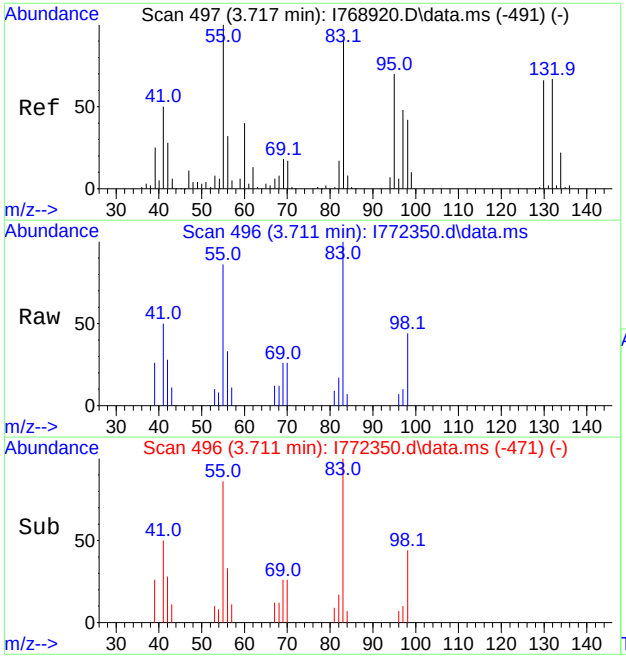


#47
Benzene
Concen: 0.9363 ug/L
RT: 3.388 min Scan# 443
Delta R.T. 0.006 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 78 Resp: 2149

Ion	Ratio	Lower	Upper
78	100		
51	16.8	0.0	51.7
77	24.9	0.0	53.1
52	16.5	0.0	54.6

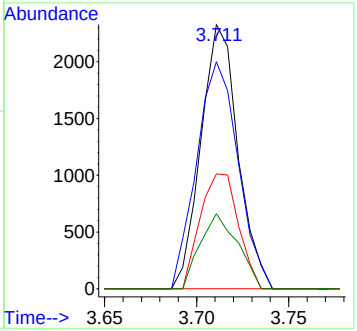


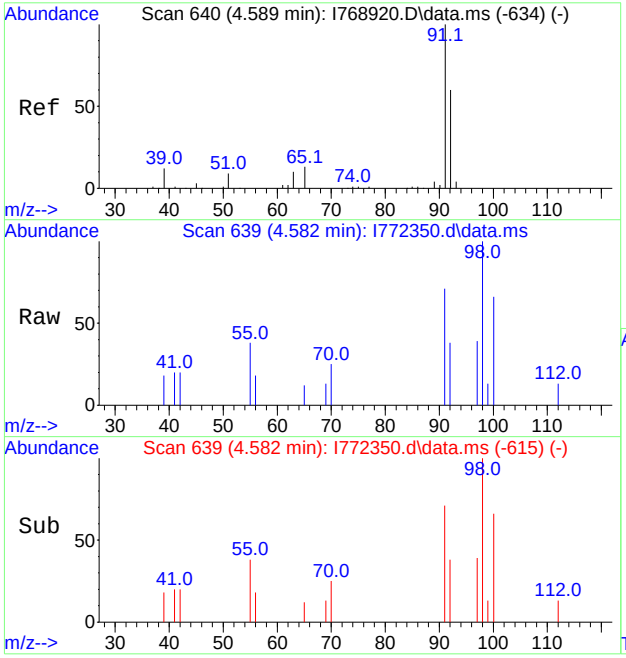


#54
Methylcyclohexane
Concen: 4.3243 ug/L
RT: 3.711 min Scan# 496
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 83 Resp: 3261

Ion	Ratio	Lower	Upper
83	100		
55	85.8	70.4	110.4
98	43.5	25.0	65.0
42	28.4	7.7	47.7

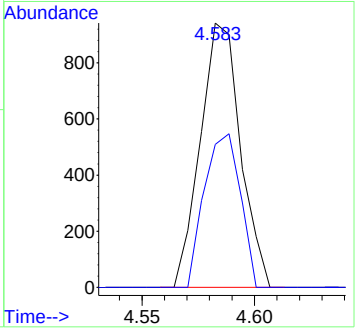


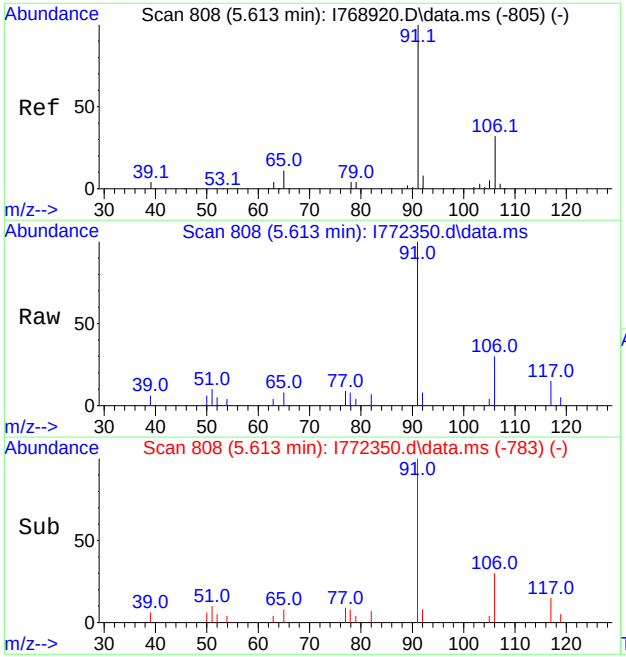


#64
Toluene
Concen: 0.4918 ug/L
RT: 4.582 min Scan# 639
Delta R.T. -0.006 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 91 Resp: 1171

Ion	Ratio	Lower	Upper
91	100		
92	54.0	28.4	88.4

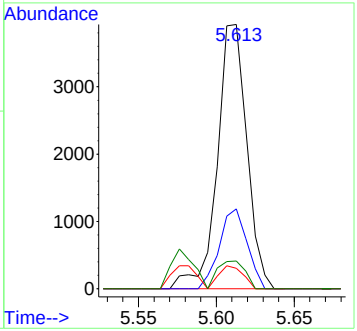


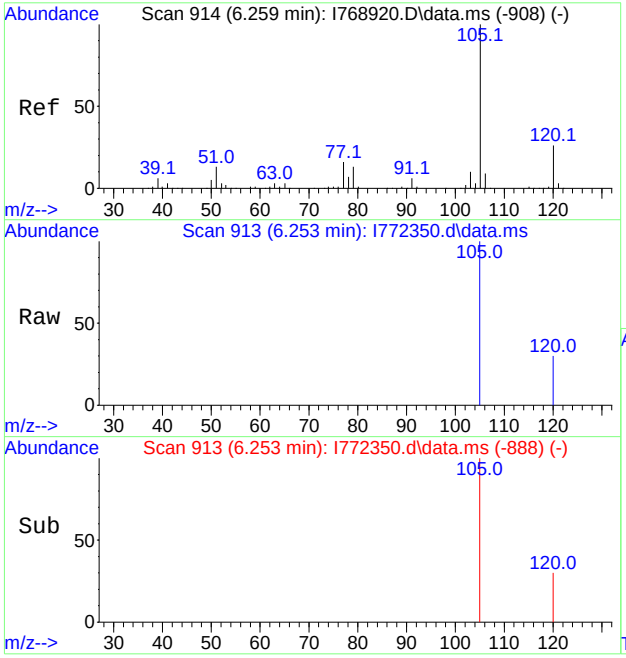


#77
Ethylbenzene
Concen: 1.9870 ug/L
RT: 5.613 min Scan# 808
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 91 Resp: 5169

Ion	Ratio	Lower	Upper
91	100		
106	30.2	0.8	60.8
65	7.8	0.0	39.5
51	10.5	0.0	41.4

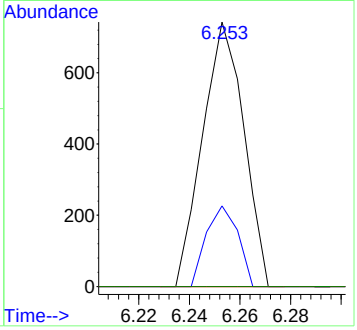


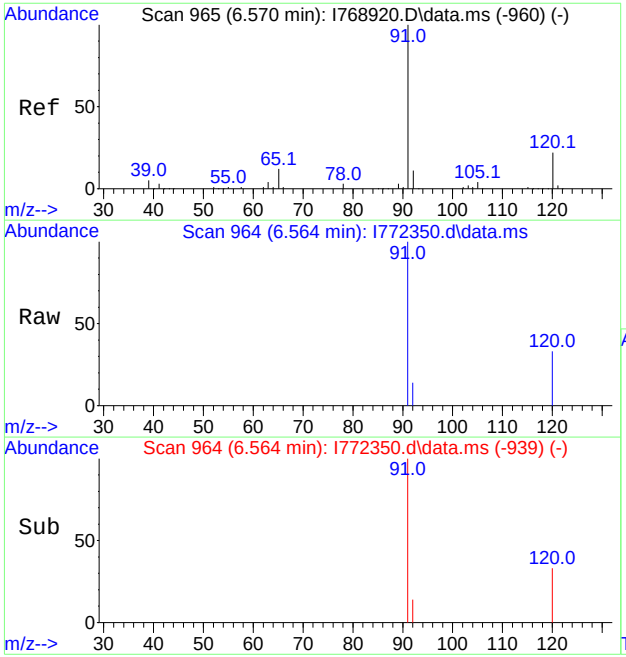


#84
Isopropylbenzene
Concen: 0.3729 ug/L
RT: 6.253 min Scan# 913
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion:105 Resp: 841

Ion	Ratio	Lower	Upper
105	100		
120	30.4	0.0	54.9
79	0.0	0.0	43.9
77	0.0	0.0	46.6

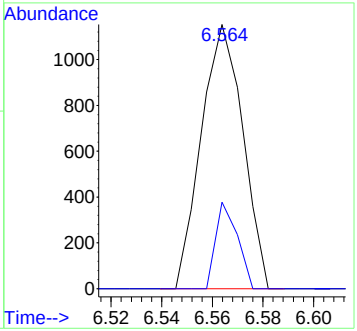


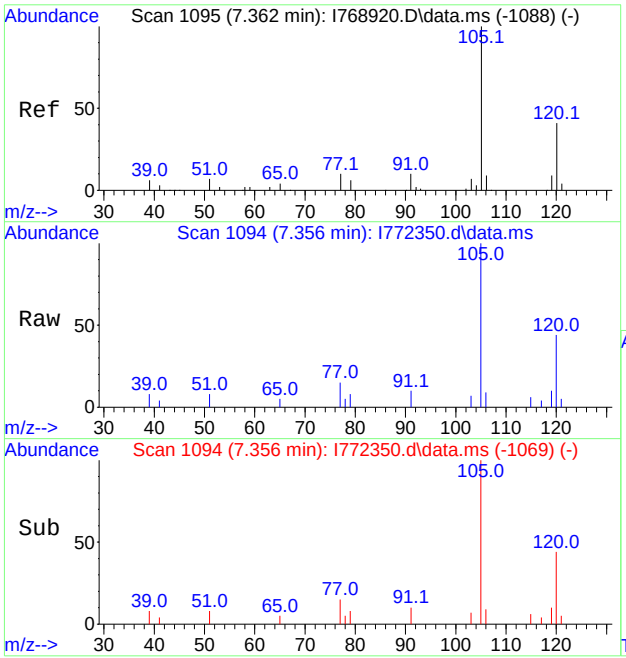


#88
n-Propylbenzene
Concen: 0.4691 ug/L
RT: 6.564 min Scan# 964
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion: 91 Resp: 1316

Ion	Ratio	Lower	Upper
91	100		
120	32.8	0.0	52.3

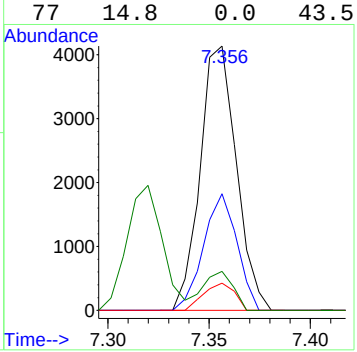


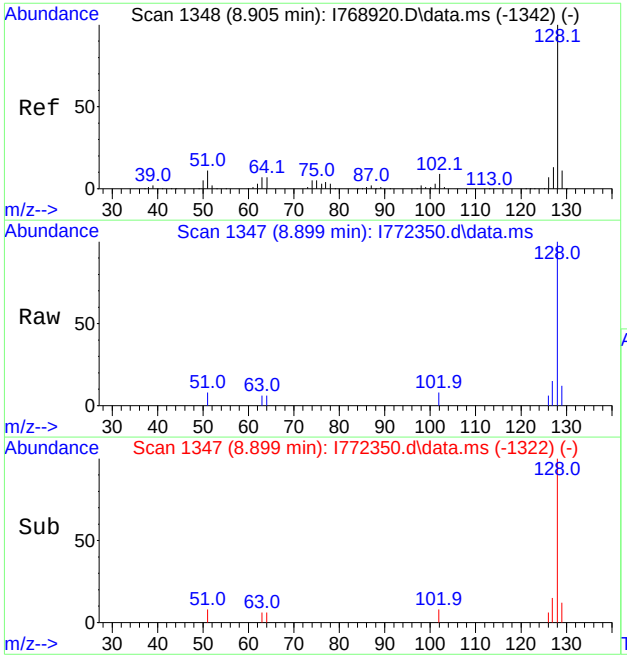


#103
1,2,3-Trimethylbenzene
Concen: 2.6464 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion:105 Resp: 5156

Ion	Ratio	Lower	Upper
105	100		
120	44.1	11.0	71.0
119	10.3	0.0	39.1
77	14.8	0.0	43.5

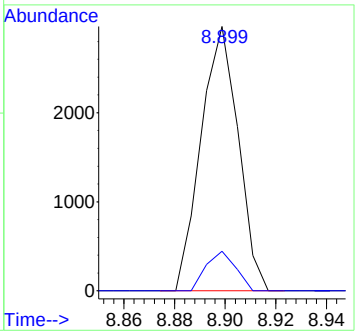




#111
Naphthalene
Concen: 1.3015 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. 0.000 min
Lab File: I772350.d
Acq: 17 Jun 2025 10:02 am

Tgt Ion:128 Resp: 3038

Ion	Ratio	Lower	Upper
128	100		
127	15.0	0.0	42.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772351.d
Acq On : 17 Jun 2025 10:18 am
Operator : jeniferw
Sample : FC25417-6 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 17 21:02:35 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

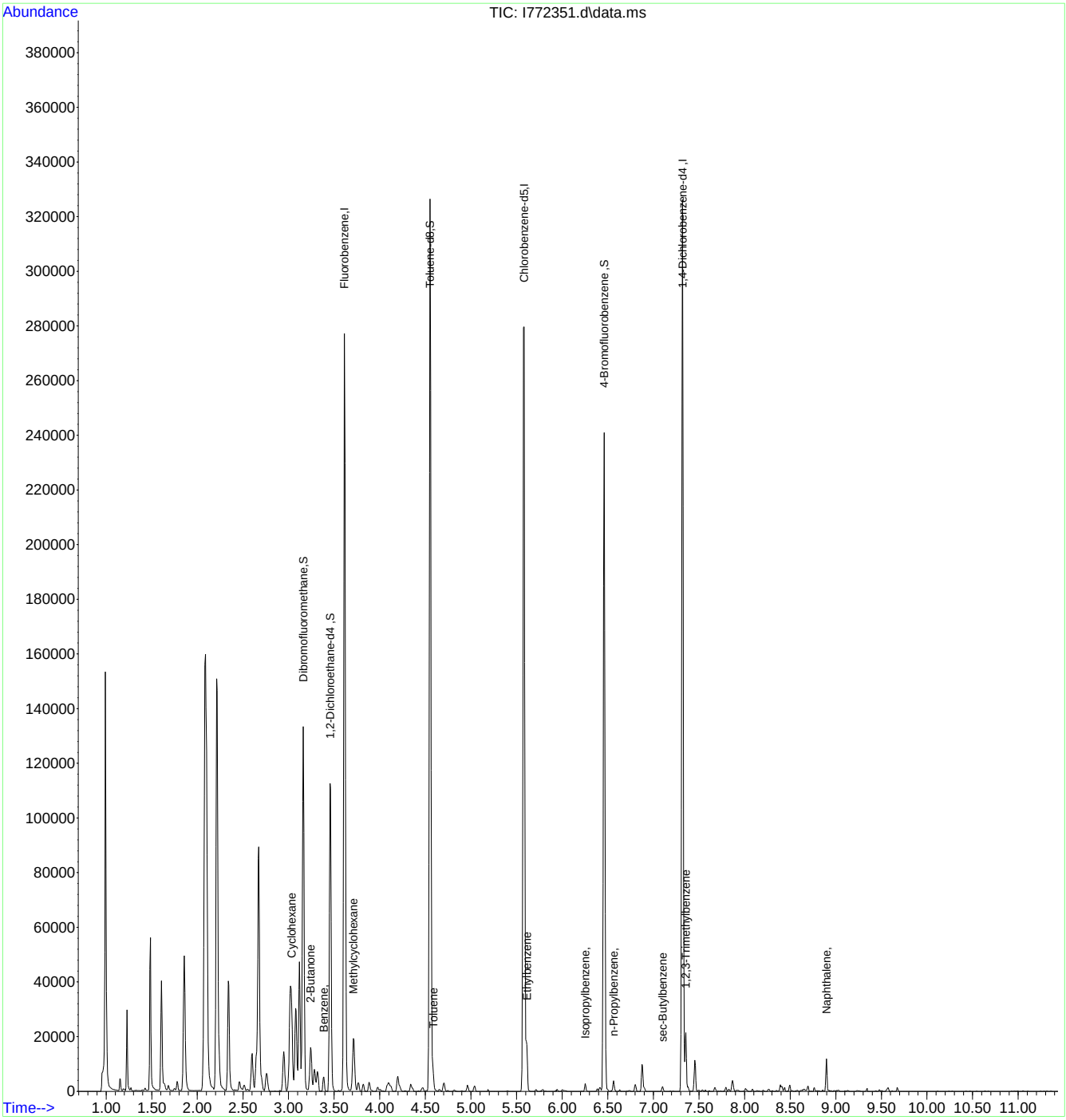
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	166170	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	124936	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	62264	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51037	53.87	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.74%			
49) 1,2-Dichloroethane-d4	3.455	65	54251	48.44	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 96.88%			
63) Toluene-d8	4.552	98	151274	47.19	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.38%			
86) 4-Bromofluorobenzene	6.460	174	47502	50.56	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.12%			
Target Compounds						Qvalue
35) Cyclohexane	3.034	56	11082	12.4410	ug/L	96
42) 2-Butanone	3.241	43	5843	7.5832	ug/L	66
47) Benzene	3.387	78	3469	1.5235	ug/L	89
54) Methylcyclohexane	3.711	83	5419	7.2434	ug/L	96
64) Toluene	4.588	91	1865	0.7720	ug/L	93
77) Ethylbenzene	5.613	91	9595	3.6350	ug/L	98
84) Isopropylbenzene	6.253	105	1729	0.7557	ug/L	94
88) n-Propylbenzene	6.564	91	2909	1.0153	ug/L	94
100) sec-Butylbenzene	7.100	105	1214	0.5612	ug/L	82
103) 1,2,3-Trimethylbenzene	7.356	105	9886	4.9679	ug/L	95
111) Naphthalene	8.899	128	6128	2.5702	ug/L	96

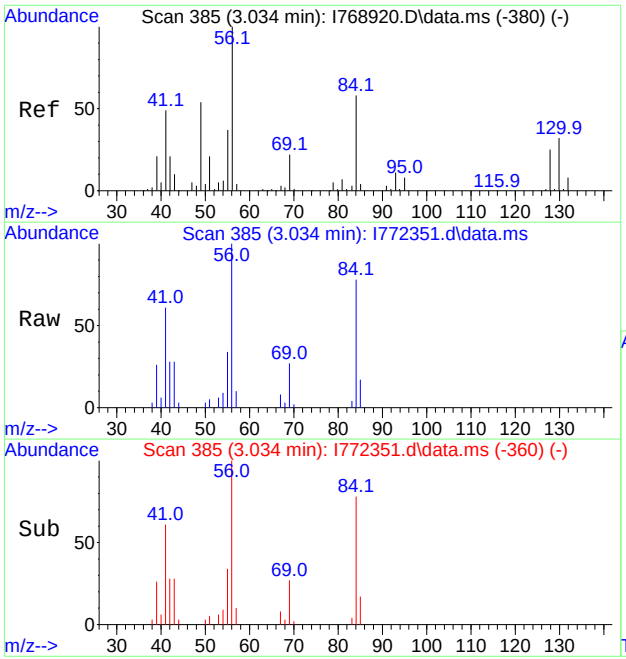
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772351.d
Acq On : 17 Jun 2025 10:18 am
Operator : jeniferw
Sample : FC25417-6 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 17 21:02:35 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

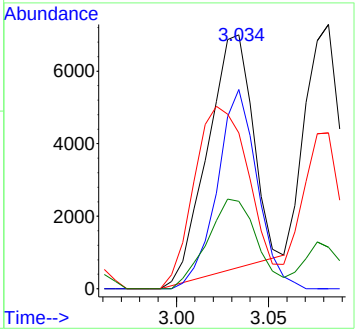


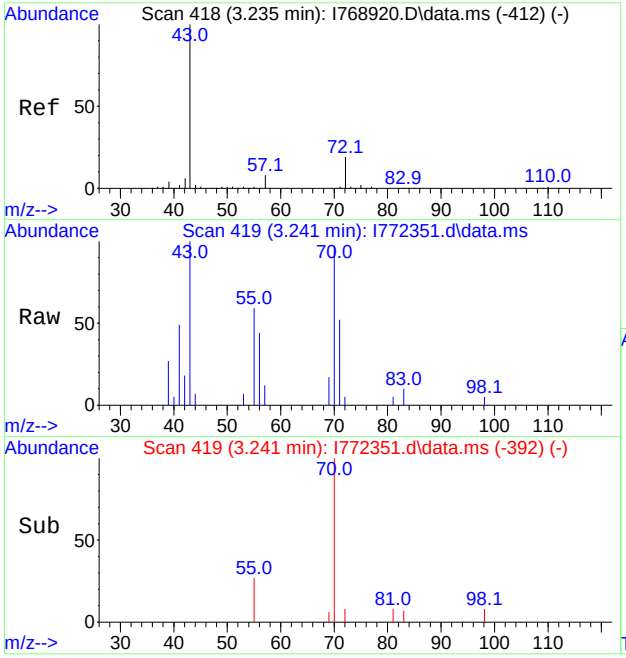


#35
Cyclohexane
Concen: 12.4410 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 56 Resp: 11082

Ion	Ratio	Lower	Upper
56	100		
84	78.5	56.7	96.7
41	61.4	37.5	77.5
55	34.4	16.9	56.9

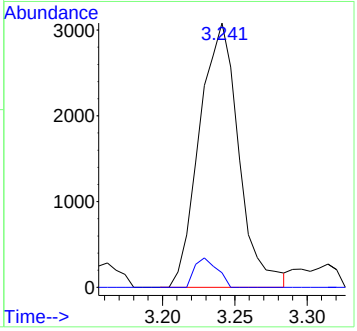


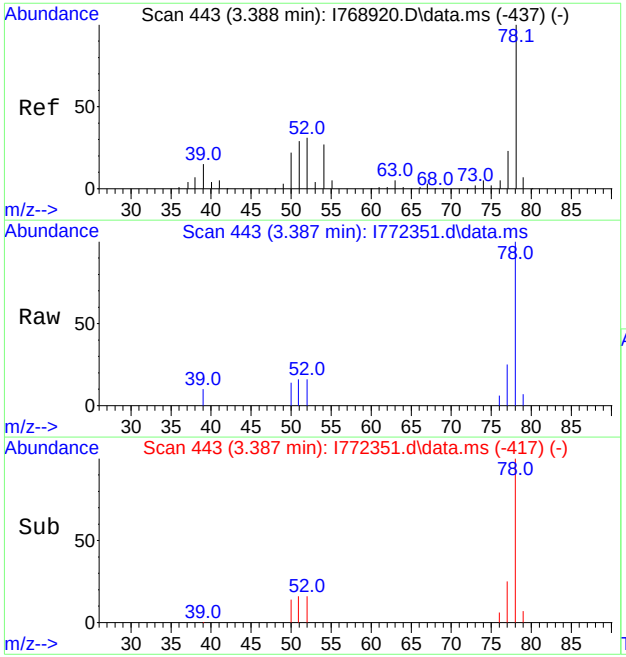


#42
2-Butanone
Concen: 7.5832 ug/L
RT: 3.241 min Scan# 419
Delta R.T. 0.012 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 43 Resp: 5843

Ion	Ratio	Lower	Upper
43	100		
72	5.5	0.0	51.3

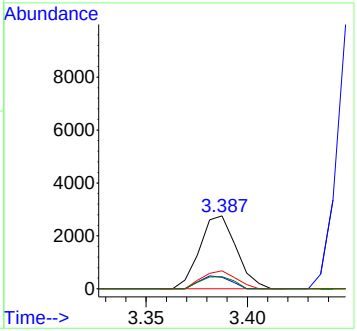


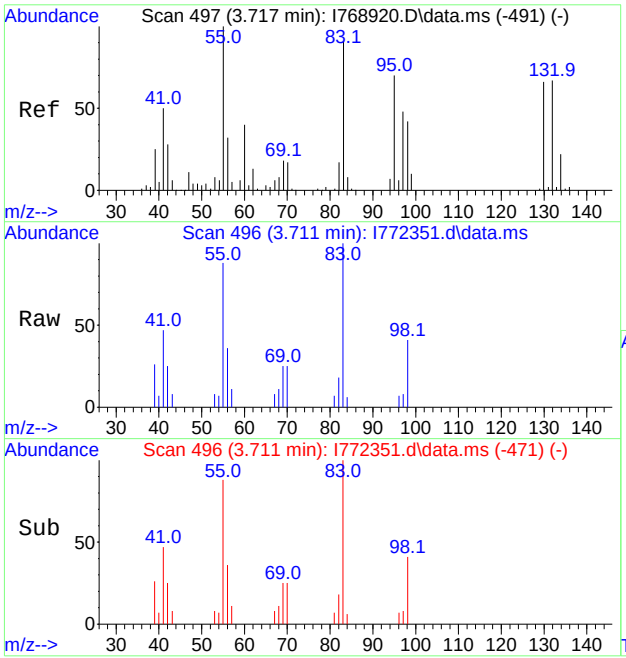


#47
Benzene
Concen: 1.5235 ug/L
RT: 3.387 min Scan# 443
Delta R.T. 0.006 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 78 Resp: 3469

Ion	Ratio	Lower	Upper
78	100		
51	15.8	0.0	51.7
77	24.7	0.0	53.1
52	16.5	0.0	54.6

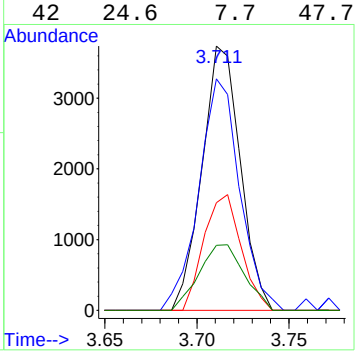


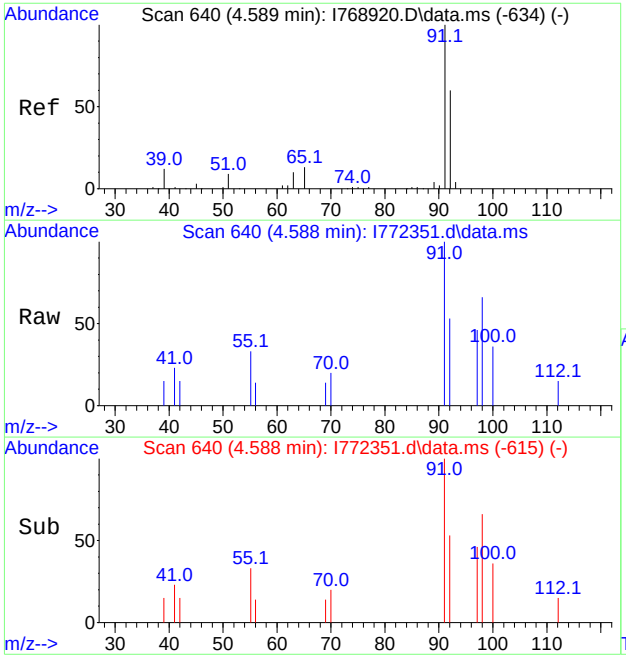


#54
Methylcyclohexane
Concen: 7.2434 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 83 Resp: 5419

Ion	Ratio	Lower	Upper
83	100		
55	87.6	70.4	110.4
98	40.8	25.0	65.0
42	24.6	7.7	47.7

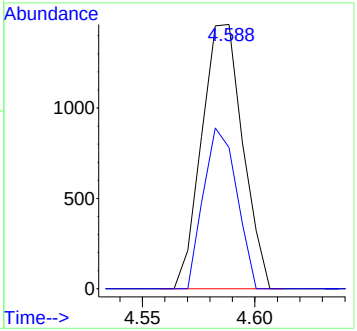


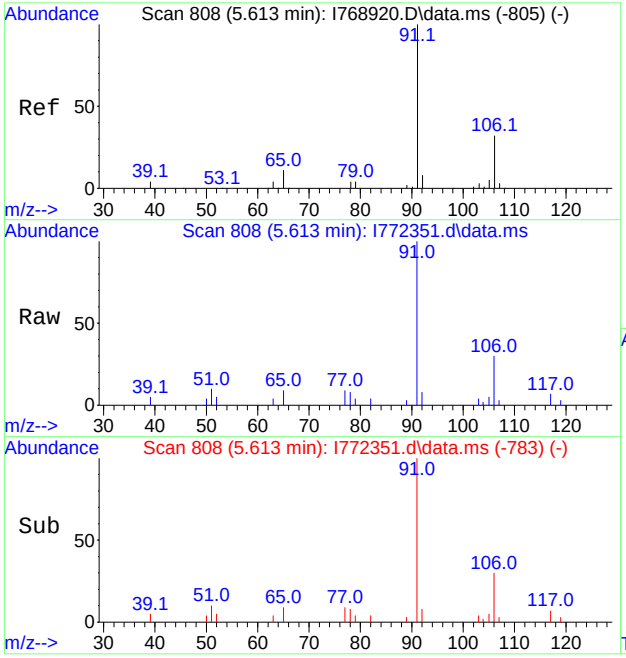


#64
Toluene
Concen: 0.7720 ug/L
RT: 4.588 min Scan# 640
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 91 Resp: 1865

Ion	Ratio	Lower	Upper
91	100		
92	53.5	28.4	88.4

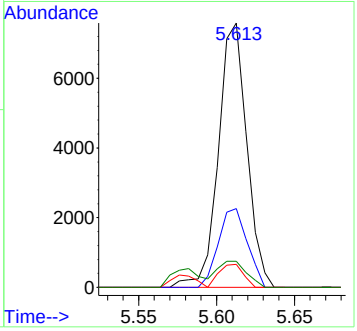


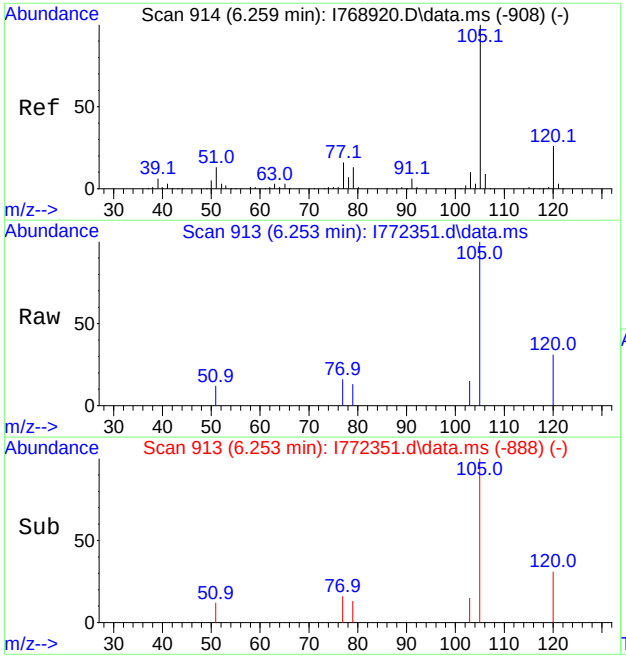


#77
Ethylbenzene
Concen: 3.6350 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 91 Resp: 9595

Ion	Ratio	Lower	Upper
91	100		
106	29.8	0.8	60.8
65	8.7	0.0	39.5
51	9.9	0.0	41.4

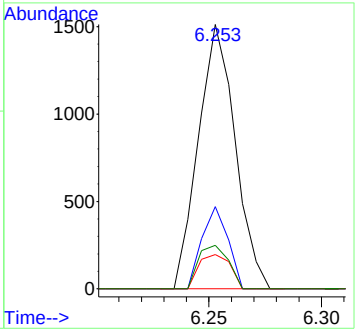


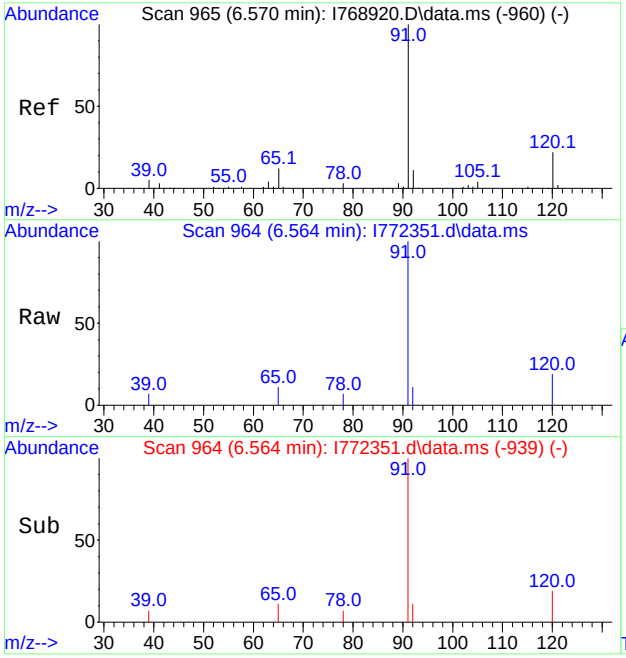


#84
Isopropylbenzene
Concen: 0.7557 ug/L
RT: 6.253 min Scan# 913
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion:105 Resp: 1729

Ion	Ratio	Lower	Upper
105	100		
120	31.1	0.0	54.9
79	13.0	0.0	43.9
77	16.5	0.0	46.6

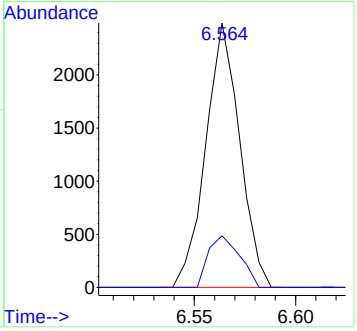


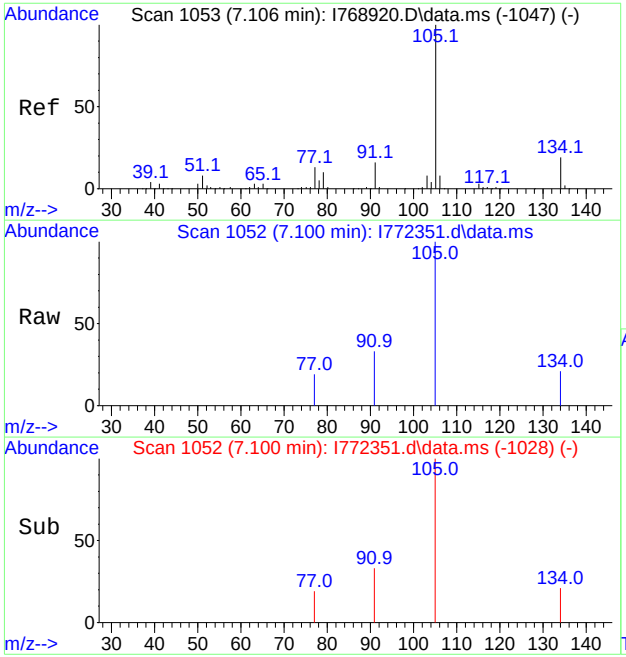


#88
n-Propylbenzene
Concen: 1.0153 ug/L
RT: 6.564 min Scan# 964
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion: 91 Resp: 2909

Ion	Ratio	Lower	Upper
91	100		
120	19.5	0.0	52.3

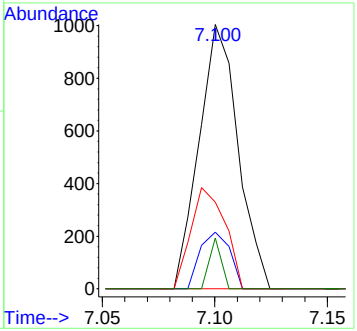


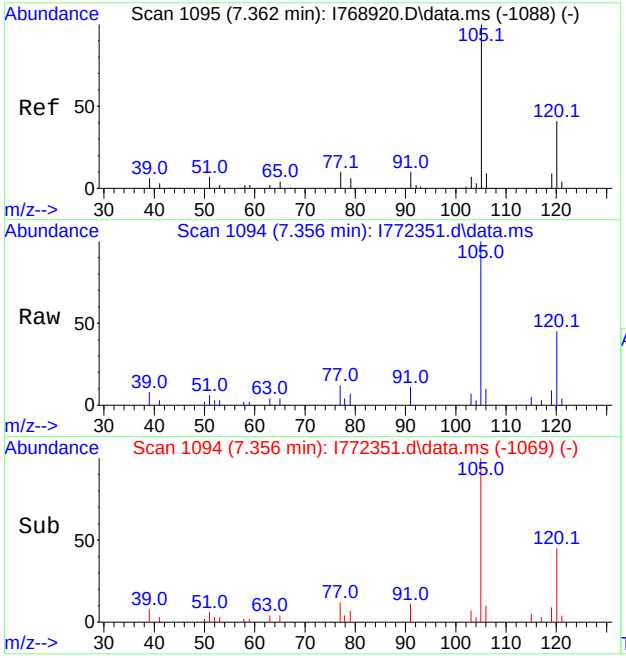


#100
sec-Butylbenzene
Concen: 0.5612 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. -0.006 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion:105 Resp: 1214

Ion	Ratio	Lower	Upper
105	100		
134	21.4	0.0	50.2
91	32.7	0.0	46.2
77	19.2	0.0	42.9

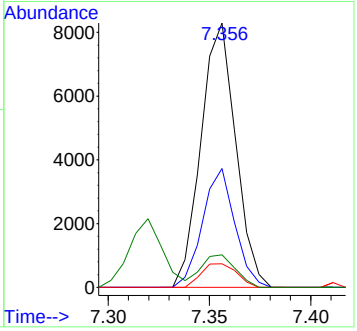


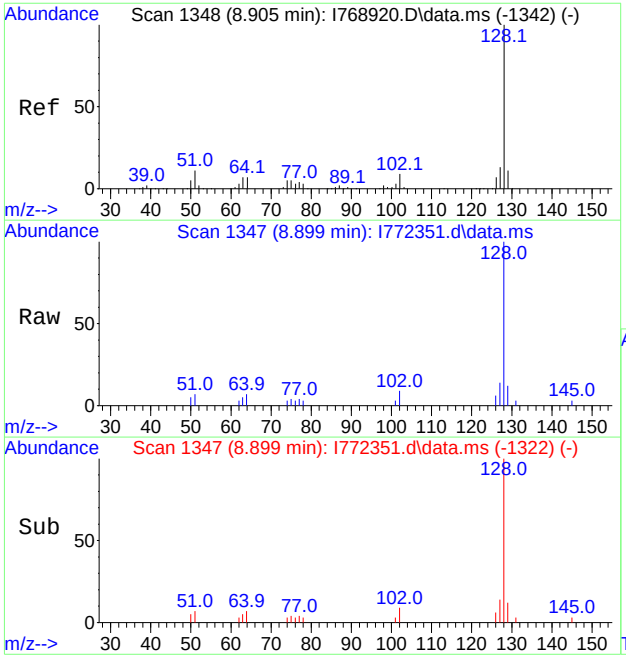


#103
1,2,3-Trimethylbenzene
Concen: 4.9679 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion:105 Resp: 9886

Ion	Ratio	Lower	Upper
105	100		
120	45.0	11.0	71.0
119	9.0	0.0	39.1
77	12.3	0.0	43.5

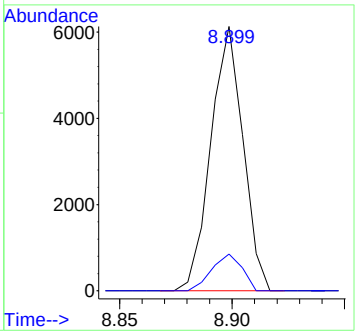




#111
Naphthalene
Concen: 2.5702 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I772351.d
Acq: 17 Jun 2025 10:18 am

Tgt Ion:128 Resp: 6128

Ion	Ratio	Lower	Upper
128	100		
127	13.9	0.0	42.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772352.d
Acq On : 17 Jun 2025 10:34 am
Operator : jeniferw
Sample : FC25417-7 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 21:03:00 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

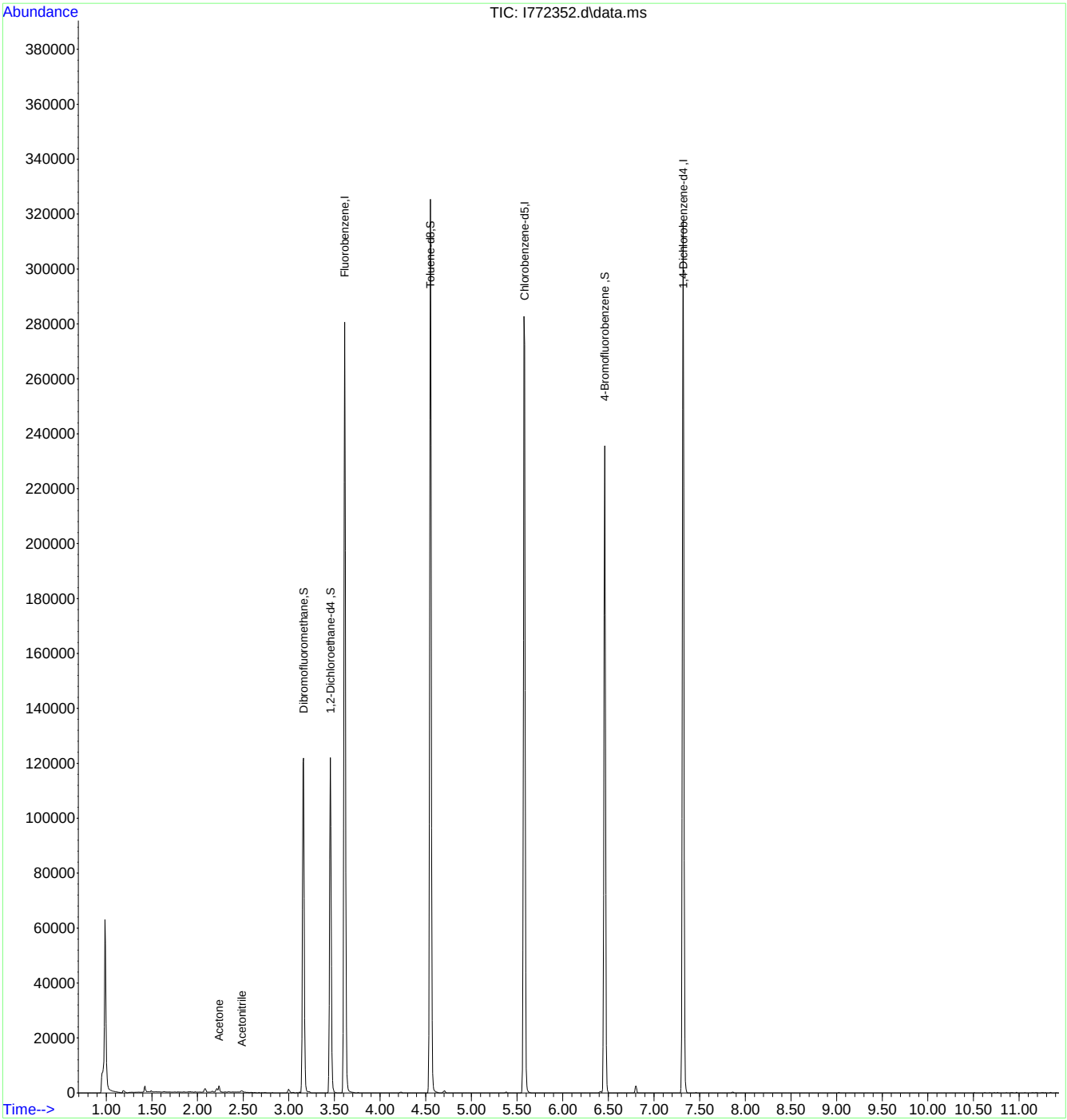
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	167184	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	124792	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	62239	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51419	53.95	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.90%			
49) 1,2-Dichloroethane-d4	3.455	65	55078	48.88	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.76%			
63) Toluene-d8	4.552	98	150134	46.89	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.78%			
86) 4-Bromofluorobenzene	6.460	174	47979	51.09	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.18%			
Target Compounds						Qvalue
19) Acetone	2.235	43	1727	3.6343	ug/L	94
24) Acetonitrile	2.485	41	435	2.5648	ug/L	80

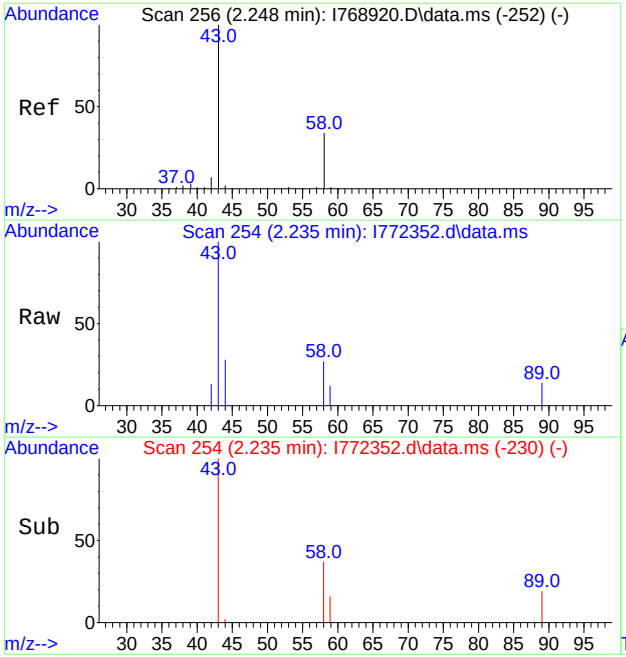
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772352.d
Acq On : 17 Jun 2025 10:34 am
Operator : jeniferw
Sample : FC25417-7 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 17 21:03:00 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

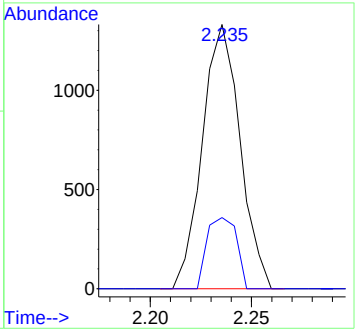


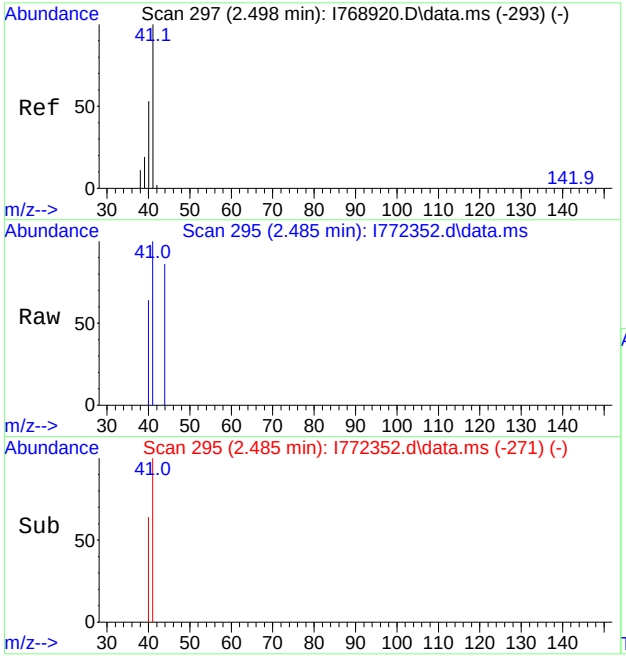


#19
Acetone
Concen: 3.6343 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I772352.d
Acq: 17 Jun 2025 10:34 am

Tgt Ion: 43 Resp: 1727

Ion	Ratio	Lower	Upper
43	100		
58	27.0	0.0	60.0

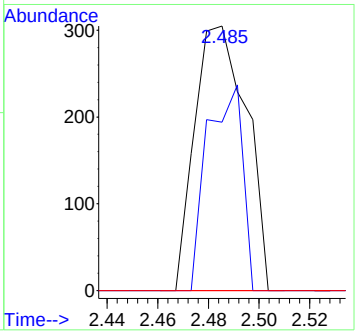




#24
Acetonitrile
Concen: 2.5648 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I772352.d
Acq: 17 Jun 2025 10:34 am

Tgt Ion: 41 Resp: 435

Ion	Ratio	Lower	Upper
41	100		
40	63.6	35.0	75.0
39	0.0	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772344.d
Acq On : 17 Jun 2025 8:24 am
Operator : jeniferw
Sample : FC25417-8 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 17 20:57:21 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

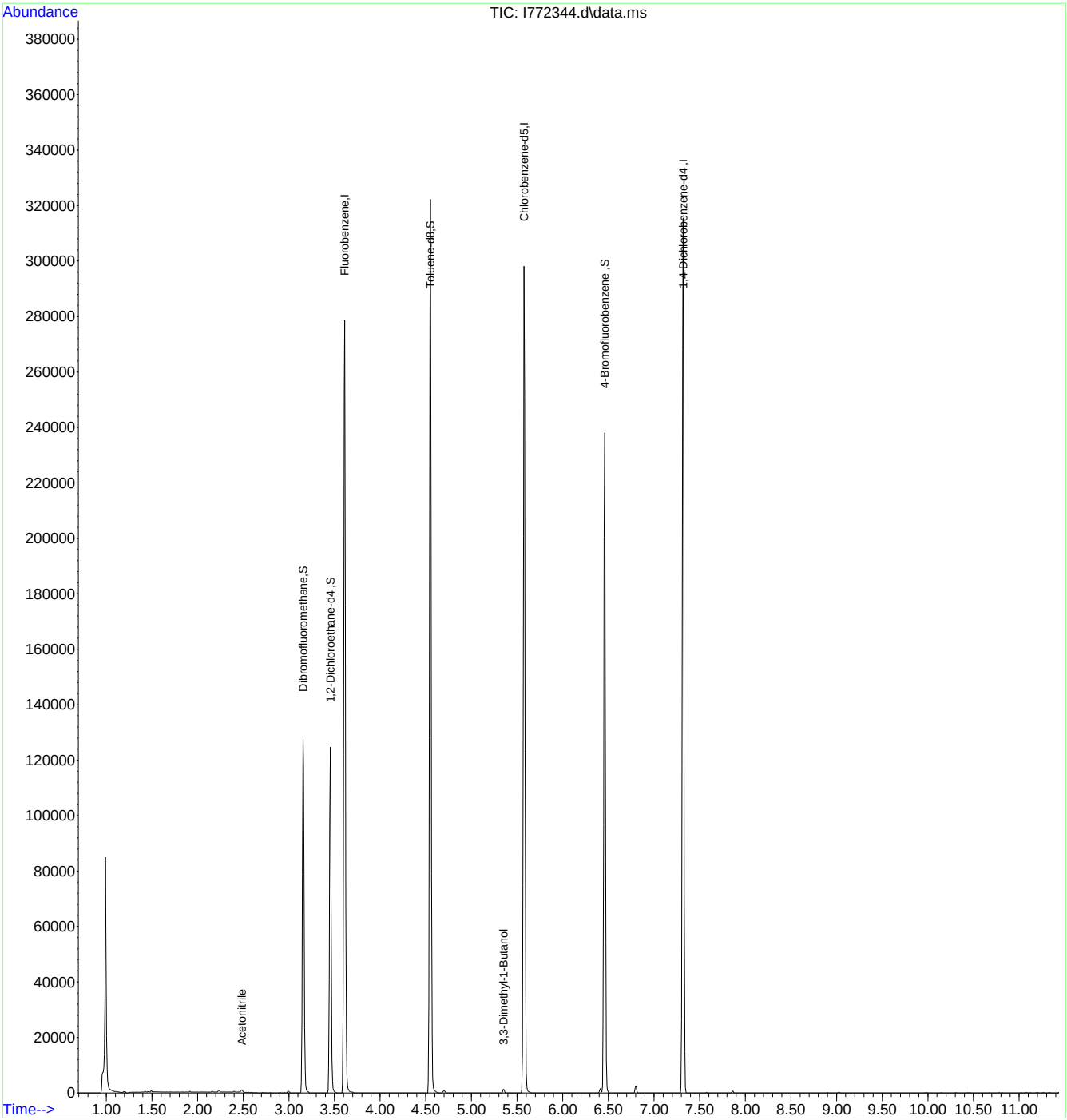
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		3.613	96	172332	50.00	ug/L	0.00
62) Chlorobenzene-d5		5.576	117	127480	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4		7.320	152	62481	50.00	ug/L	0.00
System Monitoring Compounds							
39) Dibromofluoromethane		3.156	113	52640	53.58	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	107.16%		
49) 1,2-Dichloroethane-d4		3.454	65	56549	48.68	ug/L	0.00
Spiked Amount	50.000	Range 79 - 125		Recovery =	97.36%		
63) Toluene-d8		4.552	98	153457	46.91	ug/L	0.00
Spiked Amount	50.000	Range 85 - 112		Recovery =	93.82%		
86) 4-Bromofluorobenzene		6.460	174	48650	51.61	ug/L	0.00
Spiked Amount	50.000	Range 83 - 118		Recovery =	103.22%		
Target Compounds							Qvalue
24) Acetonitrile		2.485	41	726	4.1527	ug/L	78
74) 3,3-Dimethyl-1-Butanol		5.350	57	623	2.4259	ug/L	96

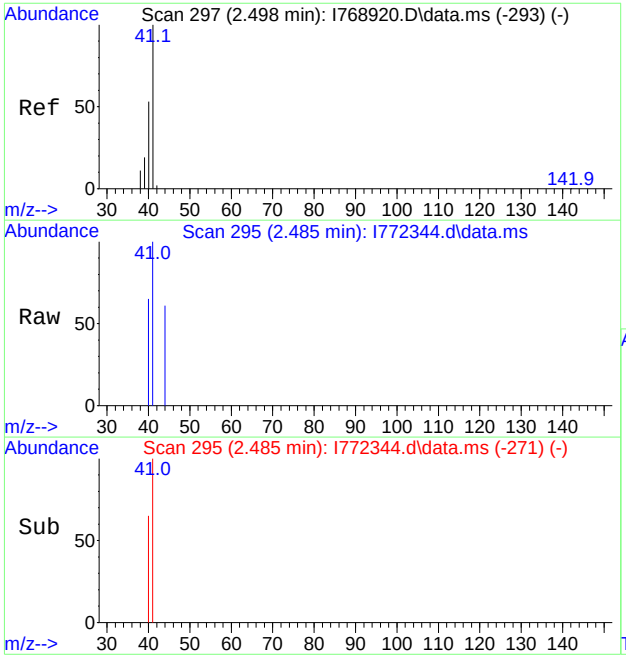
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772344.d
Acq On : 17 Jun 2025 8:24 am
Operator : jeniferw
Sample : FC25417-8 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 17 20:57:21 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

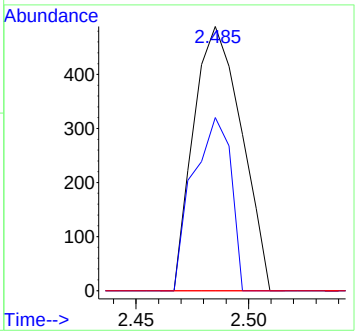


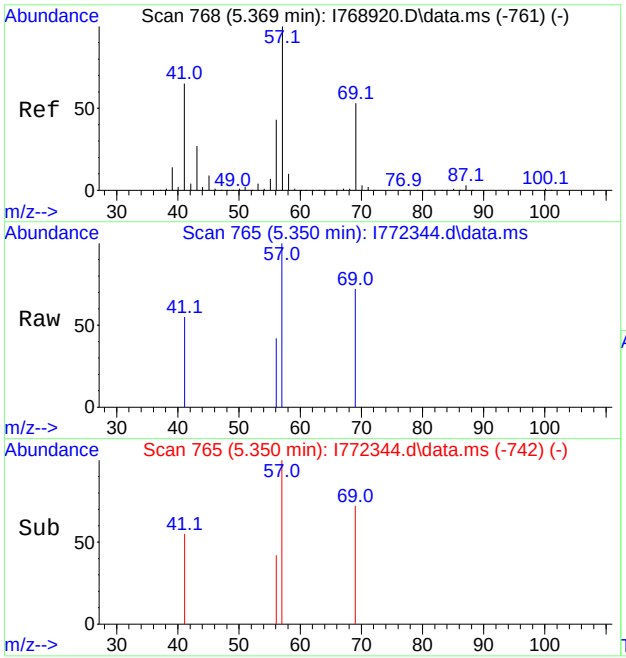


#24
Acetonitrile
Concen: 4.1527 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I772344.d
Acq: 17 Jun 2025 8:24 am

Tgt Ion: 41 Resp: 726

Ion	Ratio	Lower	Upper
41	100		
40	65.4	35.0	75.0
39	0.0	0.0	40.0

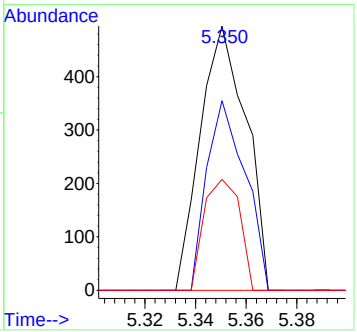




#74
3,3-Dimethyl-1-Butanol
Concen: 2.4259 ug/L
RT: 5.350 min Scan# 765
Delta R.T. -0.012 min
Lab File: I772344.d
Acq: 17 Jun 2025 8:24 am

Tgt Ion: 57 Resp: 623

Ion	Ratio	Lower	Upper
57	100		
69	71.7	46.8	86.8
56	42.0	22.0	62.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772353.d
Acq On : 17 Jun 2025 10:51 am
Operator : jeniferw
Sample : FC25417-9 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 21:03:33 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

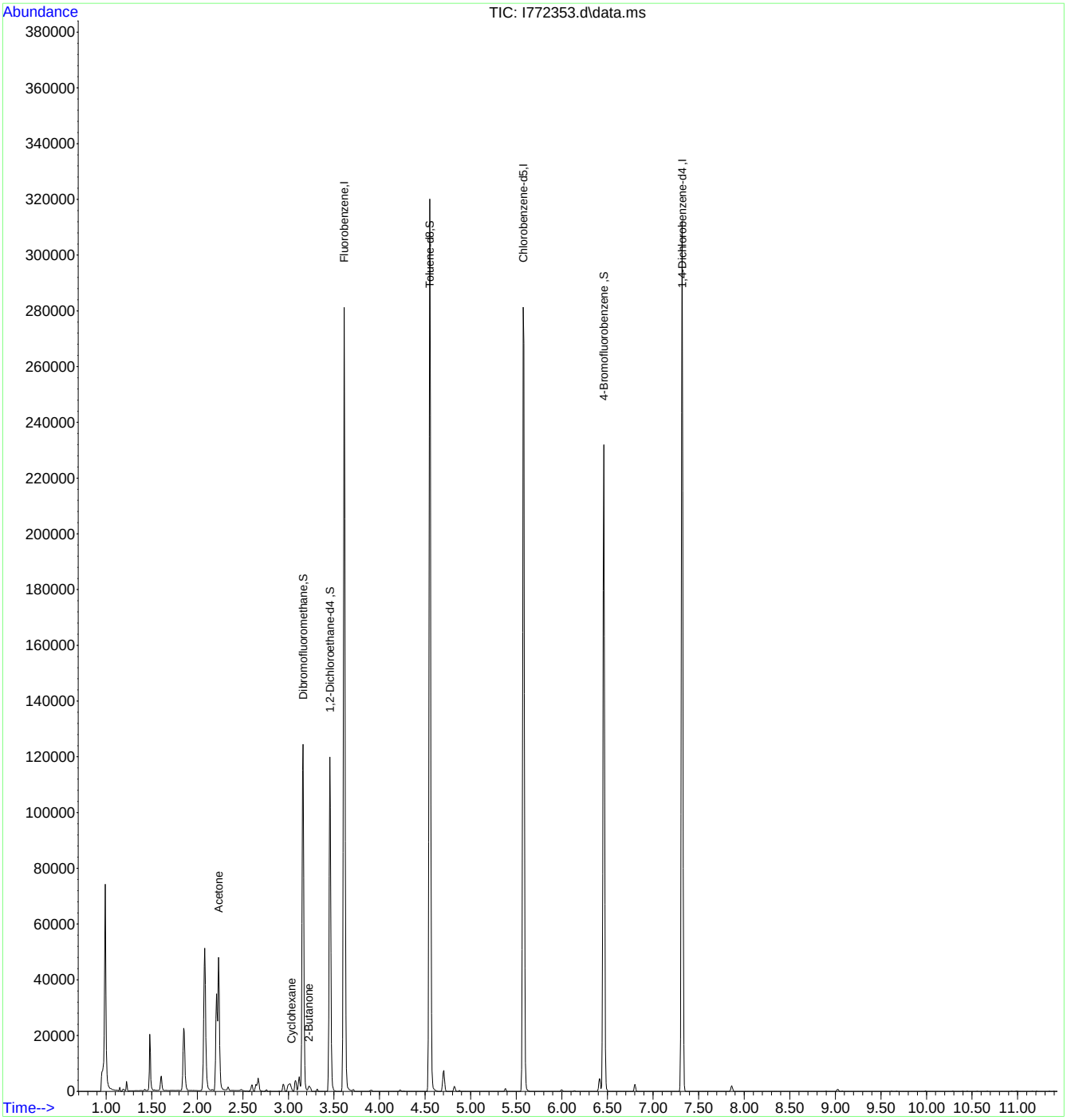
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	165532	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	122966	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	60757	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51043	54.09	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 108.18%			
49) 1,2-Dichloroethane-d4	3.454	65	54328	48.69	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.38%			
63) Toluene-d8	4.552	98	147937	46.89	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.78%			
86) 4-Bromofluorobenzene	6.460	174	47401	51.71	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.42%			
Target Compounds						Qvalue
19) Acetone	2.235	43	39524	84.0051	ug/L	97
35) Cyclohexane	3.034	56	644	0.7258	ug/L	88
42) 2-Butanone	3.223	43	2109	2.7477	ug/L	98

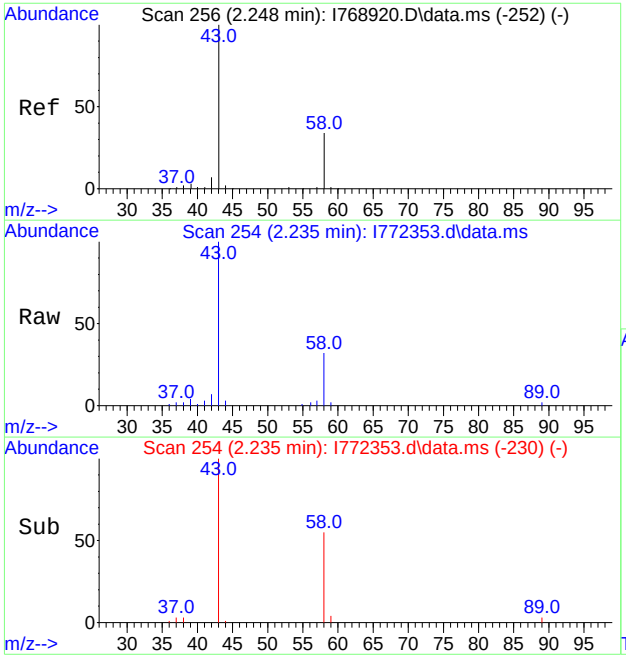
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772353.d
Acq On : 17 Jun 2025 10:51 am
Operator : jeniferw
Sample : FC25417-9 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 17 21:03:33 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

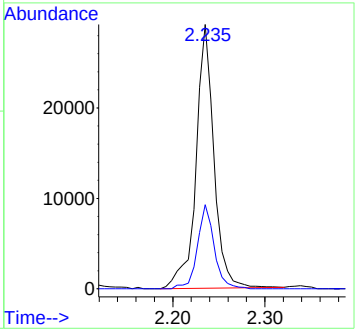


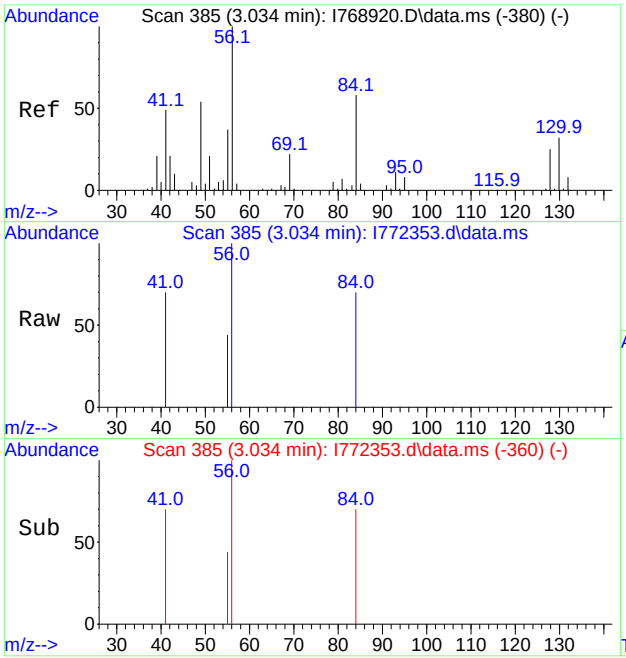


#19
Acetone
Concen: 84.0051 ug/L
RT: 2.235 min Scan# 254
Delta R.T. -0.006 min
Lab File: I772353.d
Acq: 17 Jun 2025 10:51 am

Tgt Ion: 43 Resp: 39524

Ion	Ratio	Lower	Upper
43	100		
58	31.8	0.0	60.0

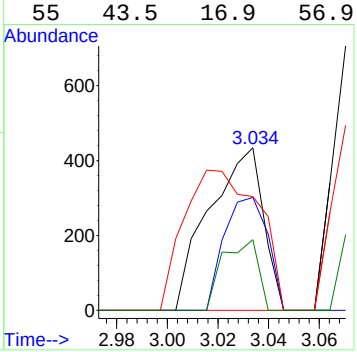


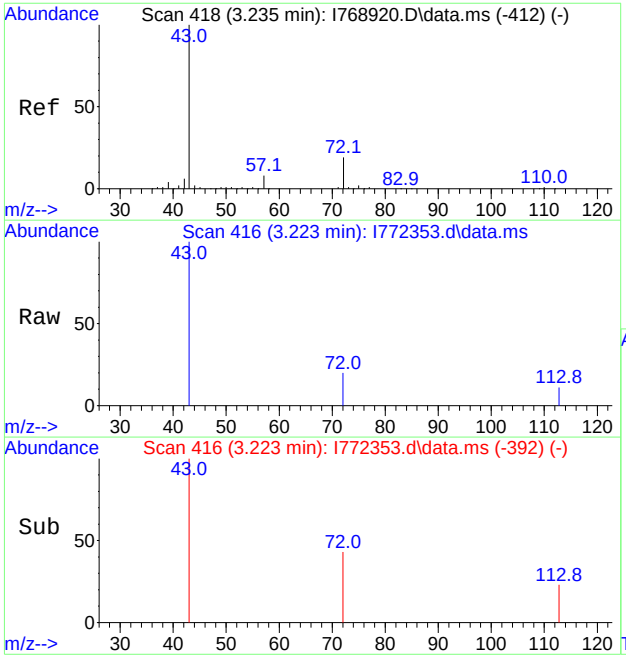


#35
Cyclohexane
Concen: 0.7258 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772353.d
Acq: 17 Jun 2025 10:51 am

Tgt Ion: 56 Resp: 644

Ion	Ratio	Lower	Upper
56	100		
84	69.6	56.7	96.7
41	70.0	37.5	77.5
55	43.5	16.9	56.9

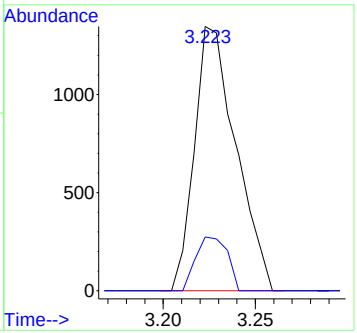




#42
2-Butanone
Concen: 2.7477 ug/L
RT: 3.223 min Scan# 416
Delta R.T. -0.006 min
Lab File: I772353.d
Acq: 17 Jun 2025 10:51 am

Tgt Ion: 43 Resp: 2109

Ion	Ratio	Lower	Upper
43	100		
72	20.3	0.0	51.3



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772354.d
Acq On : 17 Jun 2025 11:07 am
Operator : jeniferw
Sample : FC25417-10 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 17 21:03:51 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

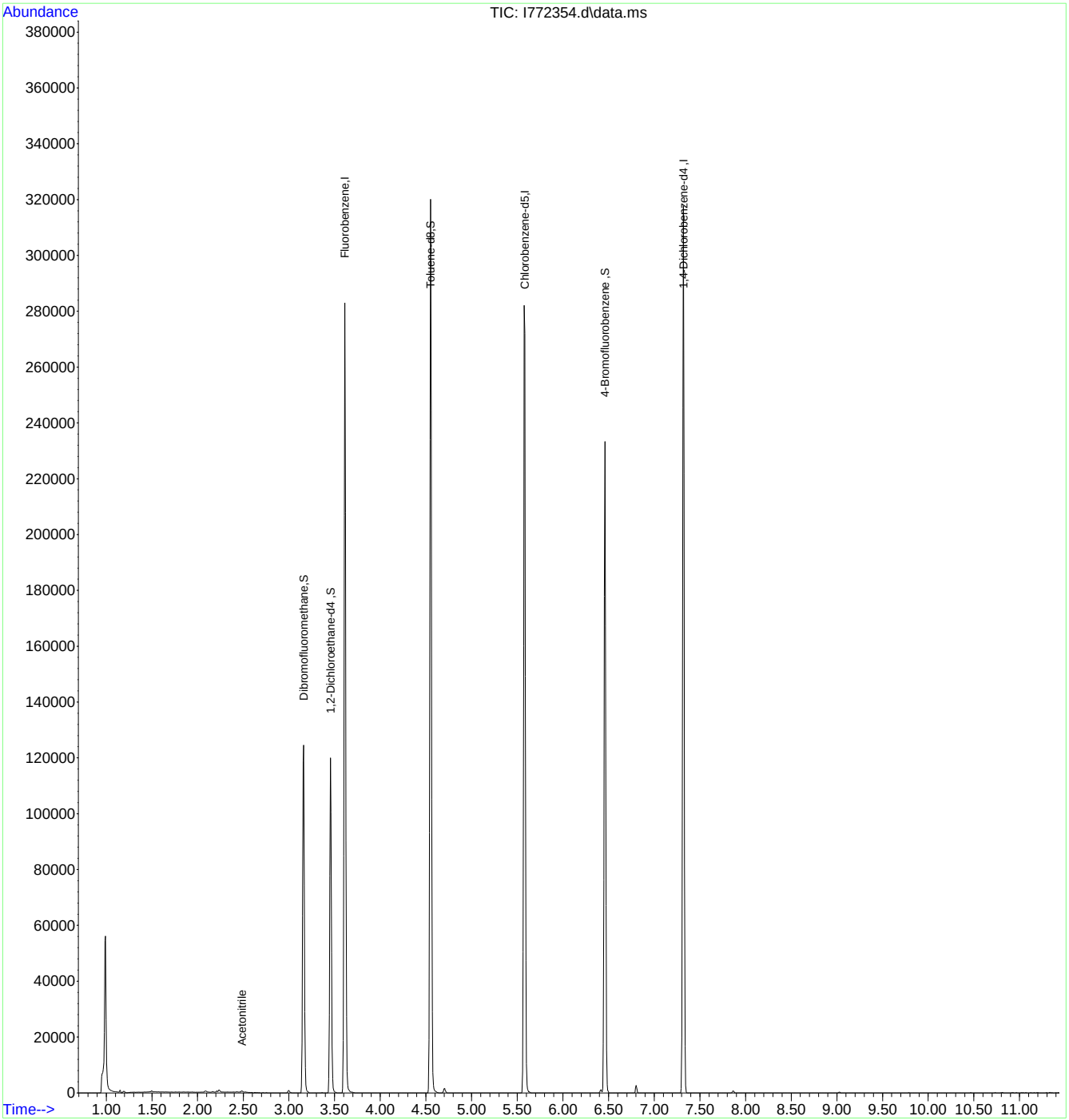
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	166444	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	124261	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	61595	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51148	53.90	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.80%			
49) 1,2-Dichloroethane-d4	3.455	65	54751	48.80	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.60%			
63) Toluene-d8	4.552	98	149474	46.88	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.76%			
86) 4-Bromofluorobenzene	6.460	174	47499	51.11	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.22%			
Target Compounds						Qvalue
24) Acetonitrile	2.485	41	337	1.9958	ug/L	78

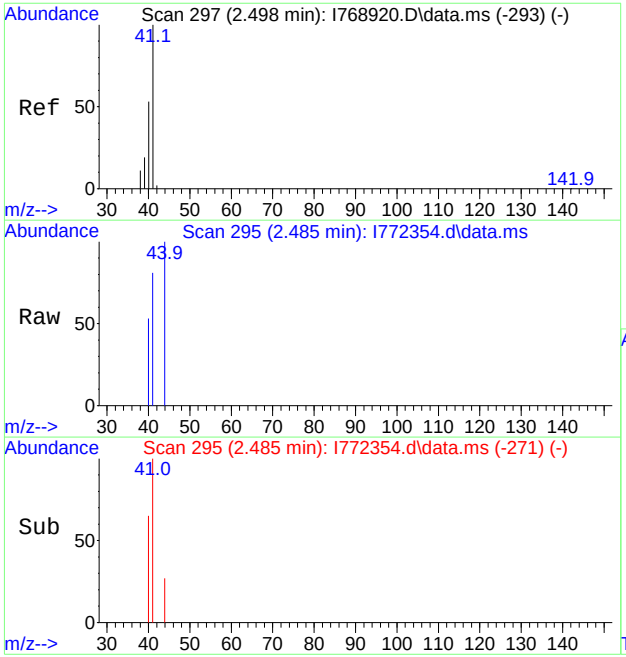
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772354.d
Acq On : 17 Jun 2025 11:07 am
Operator : jeniferw
Sample : FC25417-10 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 17 21:03:51 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

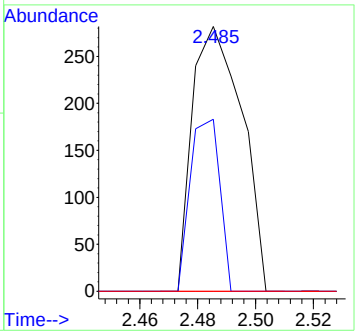




#24
Acetonitrile
Concen: 1.9958 ug/L
RT: 2.485 min Scan# 295
Delta R.T. -0.006 min
Lab File: I772354.d
Acq: 17 Jun 2025 11:07 am

Tgt Ion: 41 Resp: 337

Ion	Ratio	Lower	Upper
41	100		
40	64.9	35.0	75.0
39	0.0	0.0	40.0



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772345.d
Acq On : 17 Jun 2025 8:40 am
Operator : jeniferw
Sample : FC25417-11 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 20:57:39 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

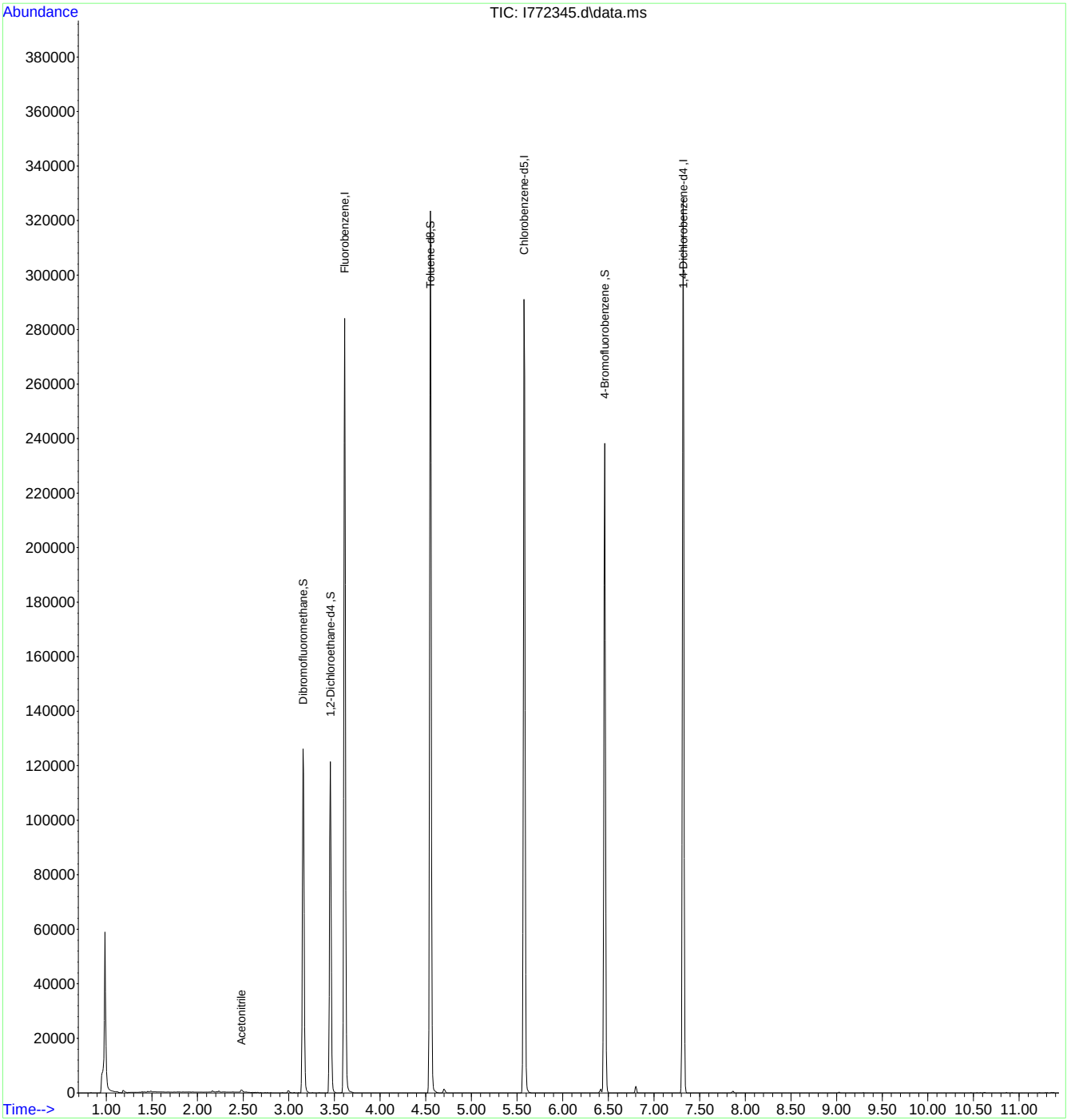
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	170732	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	126093	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	62213	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	52438	53.87	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.74%			
49) 1,2-Dichloroethane-d4	3.455	65	55697	48.40	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 96.80%			
63) Toluene-d8	4.552	98	151194	46.73	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.46%			
86) 4-Bromofluorobenzene	6.460	174	48425	51.59	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 103.18%			
Target Compounds						Qvalue
24) Acetonitrile	2.479	41	633	3.6546	ug/L	81

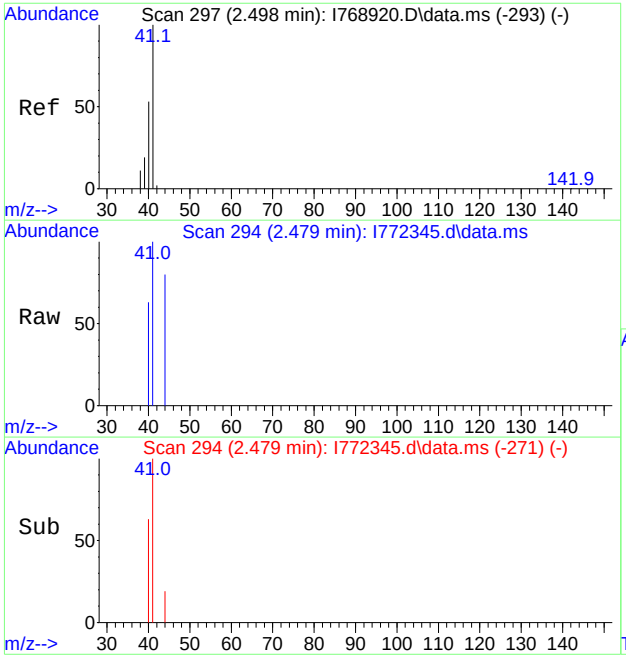
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772345.d
Acq On : 17 Jun 2025 8:40 am
Operator : jeniferw
Sample : FC25417-11 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 17 20:57:39 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

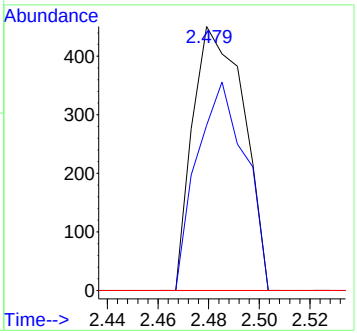




#24
Acetonitrile
Concen: 3.6546 ug/L
RT: 2.479 min Scan# 294
Delta R.T. -0.012 min
Lab File: I772345.d
Acq: 17 Jun 2025 8:40 am

Tgt Ion: 41 Resp: 633

Ion	Ratio	Lower	Upper
41	100		
40	62.5	35.0	75.0
39	0.0	0.0	40.0



7.1.11

7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772342.D
Acq On : 17 Jun 2025 7:43 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 17 08:11:46 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

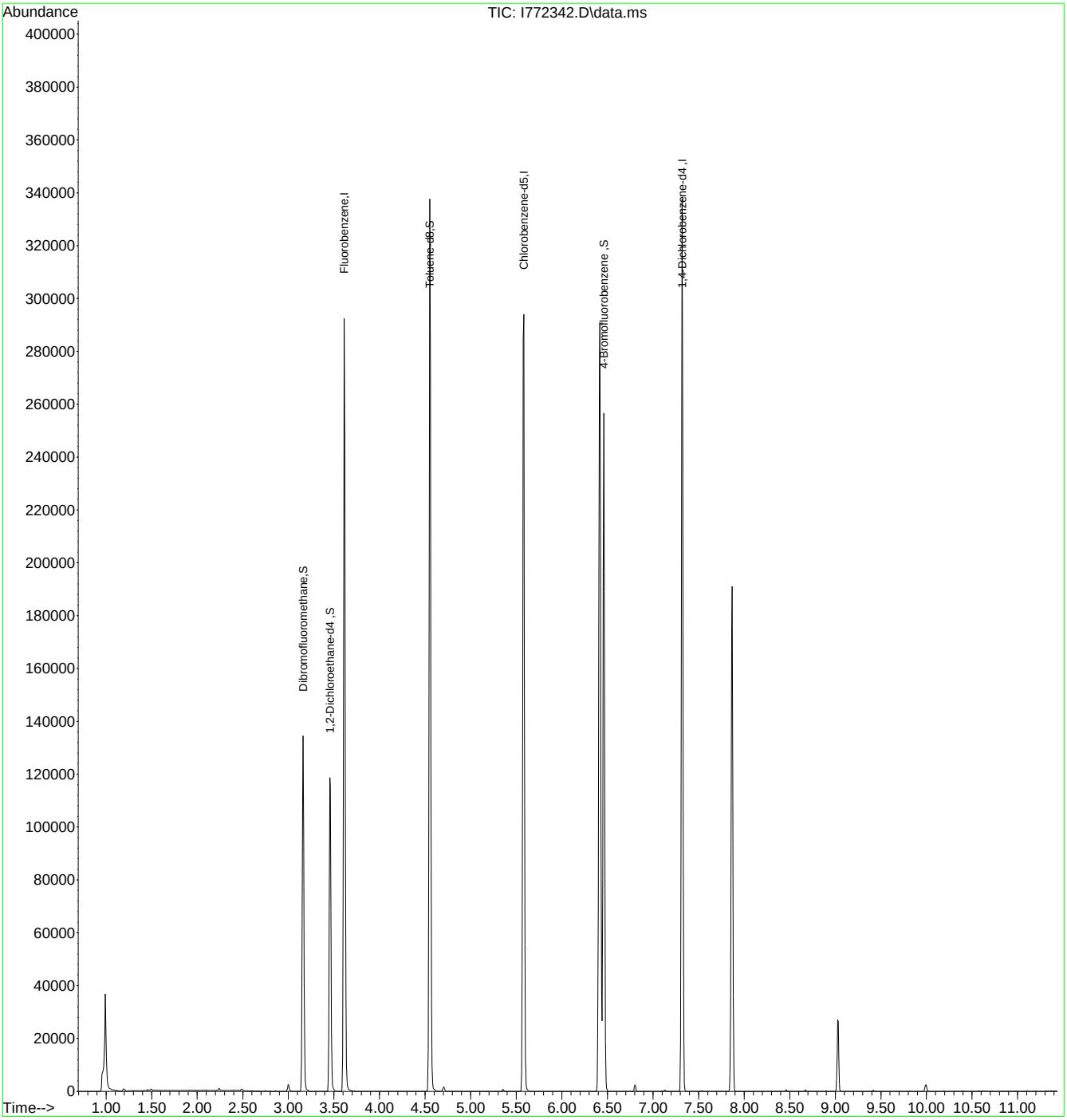
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	173743	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	128154	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	64756	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	52923	53.43	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.86%			
49) 1,2-Dichloroethane-d4	3.455	65	56852	48.55	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 97.10%			
63) Toluene-d8	4.552	98	157316	47.84	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.68%			
86) 4-Bromofluorobenzene	6.460	174	52289	53.52	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.04%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772342.D
Acq On : 17 Jun 2025 7:43 am
Operator : jeniferw
Sample : MB Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 17 08:11:46 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
06/18/25 08:20

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:29:27 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	178072	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.576	117	132256	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	67489	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	53843	53.04	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.08%				
49) 1,2-Dichloroethane-d4	3.454	65	57789	48.15	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 96.30%				
63) Toluene-d8	4.552	98	163101	48.06	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.12%				
86) 4-Bromofluorobenzene	6.460	174	51671	50.74	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	17099	19.70	ug/L		100
3) Chloromethane	1.205	50	19291	24.82	ug/L		98
4) 1,3-butadiene	1.266	39	14931	24.07	ug/L		97
5) Vinyl Chloride	1.254	62	19147	24.69	ug/L		99
6) Bromomethane	1.449	94	10772	24.00	ug/L		98
7) Chloroethane	1.516	64	7272	21.07	ug/L		95
8) Trichlorofluoromethane	1.595	101	22844	21.75	ug/L		100
9) Ethyl Ether	1.784	59	15800	24.64	ug/L		98
10) Ethanol	1.876	45	14687	606.25	ug/L		91
11) 1,2-Dichlorotrifluoroe...	1.882	67	18414	24.34	ug/L		99
12) 1,1-Dichloroethene	1.888	61	23703	24.37	ug/L		93
13) Freon 113	1.912	101	14201	24.83	ug/L		93
14) Carbon Disulfide	1.912	76	47714	24.50	ug/L		93
15) Iodomethane	1.973	142	17751	29.45	ug/L		98
16) Acrolein	2.077	56	28591	113.12	ug/L		98
17) Allyl chloride	2.150	41	20551	19.33	ug/L		96
18) Methylene Chloride	2.205	49	24004	24.36	ug/L		97
19) Acetone	2.235	43	65469	129.35	ug/L		97
20) Methyl acetate	2.296	43	148093	123.01	ug/L		97
21) trans-1,2-Dichloroethene	2.296	61	24188	26.02	ug/L		90
22) Hexane	2.333	56	11632	22.92	ug/L	#	74
23) Methyl Tert Butyl Ether	2.357	73	51996	25.30	ug/L	#	49
24) Acetonitrile	2.485	41	51047m	282.57	ug/L		
25) Tert Butyl Alcohol	2.406	59	80815	257.43	ug/L		80
26) Di-isopropyl ether	2.558	45	55169	26.04	ug/L		97
27) Chloroprene	2.650	53	73357	29.18	ug/L		84
28) 1,1-Dichloroethane	2.625	63	31472	27.12	ug/L		99
29) Acrylonitrile	2.650	52	58800	143.81	ug/L	#	68
30) ETBE	2.753	59	55791	26.46	ug/L		95
31) Vinyl acetate	2.753	43	259409	136.96	ug/L		98
32) cis-1,2-Dichloroethene	2.912	96	18235	28.11	ug/L		91
33) 2,2-Dichloropropane	2.973	77	24462	26.66	ug/L		98
34) Bromochloromethane	3.022	128	9251	28.73	ug/L		92
35) Cyclohexane	3.028	56	24443	25.61	ug/L		94
36) Chloroform	3.058	83	32713	27.10	ug/L		94
37) Ethyl acetate	3.119	43	190771	140.26	ug/L		99
38) Tetrahydrofuran	3.150	42	13998	26.49	ug/L		92
40) Carbon Tetrachloride	3.137	117	21768m	27.20	ug/L		
41) 1,1,1-Trichloroethane	3.174	97	25903	28.14	ug/L		94
42) 2-Butanone	3.223	43	115831	140.28	ug/L		91
43) 1,1-Dichloropropene	3.241	75	22932	30.93	ug/L		89
44) tert-Butyl formate	3.302	59	94785	145.17	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:29:27 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.387	54	64819	279.84	ug/L	#	46
46)	Methacrylonitrile	3.400	41	192104	259.21	ug/L		95
47)	Benzene	3.381	78	68654	28.14	ug/L		91
48)	TAME	3.442	73	49414	26.15	ug/L	#	61
50)	1,2-Dichloroethane	3.491	62	24476	25.58	ug/L		98
51)	Isobutyl Alcohol	3.436	43	12903	444.68	ug/L		76
52)	Tert Amyl Alcohol	3.546	59	68902	284.01	ug/L		96
53)	Trichloroethene	3.704	95	18463	28.03	ug/L		97
54)	Methylcyclohexane	3.711	83	21783	27.17	ug/L		91
55)	Dibromomethane	3.954	93	13077	27.82	ug/L		96
56)	1,2-Dichloropropane	4.015	63	18337	28.33	ug/L		92
57)	Bromodichloromethane	4.046	83	24189	26.37	ug/L		96
58)	Methyl methacrylate	4.131	41	20644	25.19	ug/L		86
59)	1,4-Dioxane	4.180	88	12322	693.92	ug/L		92
60)	2-Chloroethyl vinyl ether	4.387	63	80623	141.66	ug/L		94
61)	cis-1,3-Dichloropropene	4.430	75	29272	28.51	ug/L		89
64)	Toluene	4.582	91	70225	27.46	ug/L		100
65)	2-Nitropropane	4.723	41	37967	115.71	ug/L		99
66)	4-Methyl-2-pentanone	4.814	43	178411	138.45	ug/L		96
67)	trans-1,3-Dichloropropene	4.844	75	28073	27.16	ug/L		85
68)	Tetrachloroethene	4.832	166	17493	29.90	ug/L		88
69)	Ethyl methacrylate	4.942	69	26760	28.64	ug/L		82
70)	1,1,2-Trichloroethane	4.948	83	15525	28.82	ug/L		93
71)	Dibromochloromethane	5.070	129	19748	28.92	ug/L		96
72)	1,3-Dichloropropane	5.131	76	29492	27.73	ug/L		87
73)	1,2-Dibromoethane	5.229	107	19696	27.93	ug/L		99
74)	3,3-Dimethyl-1-Butanol	5.357	57	354900	1332.04	ug/L		95
75)	2-hexanone	5.375	43	201373	130.48	ug/L		77
76)	1-Chlorohexane	5.576	91	22124m	25.58	ug/L		
77)	Ethylbenzene	5.607	91	75150m	26.89	ug/L		
78)	Chlorobenzene	5.588	112	45785	27.67	ug/L		97
79)	1,1,1,2-Tetrachloroethane	5.631	131	16362	28.36	ug/L		97
80)	m,p-Xylene	5.710	91	115762	54.75	ug/L		98
81)	o-Xylene	6.021	91	57041	27.12	ug/L		99
82)	Styrene	6.058	104	47570	30.03	ug/L		96
83)	Bromoform	6.076	173	13032	27.66	ug/L		98
84)	Isopropylbenzene	6.253	105	69190	28.57	ug/L		97
87)	cis-1,4-Dichloro-2-butene	6.509	53	9546	22.84	ug/L		93
88)	n-Propylbenzene	6.564	91	85387	27.49	ug/L		100
89)	Bromobenzene	6.539	156	19410	27.66	ug/L		91
90)	1,1,2,2-Tetrachloroethane	6.612	83	28327	25.43	ug/L		98
91)	1,3,5-Trimethylbenzene	6.716	105	55309	27.03	ug/L		100
92)	2-Chlorotoluene	6.679	91	47429	27.05	ug/L		95
93)	trans-1,4-Dichloro-2-B...	6.747	53	11105	34.11	ug/L	#	79
94)	1,2,3-Trichloropropane	6.710	110	9093	26.79	ug/L		85
95)	Cyclohexanone	6.740	55	15281	176.01	ug/L		98
96)	4-Chlorotoluene	6.808	91	52919	26.90	ug/L		90
97)	tert-Butylbenzene	6.960	91	29910	26.77	ug/L		95
98)	1,2,4-Trimethylbenzene	7.015	105	57714	27.91	ug/L		98
99)	Pentachloroethane	6.972	167	10754	28.68	ug/L	#	13
100)	sec-Butylbenzene	7.100	105	62613	26.70	ug/L		98
101)	4-Isopropyltoluene	7.216	119	52020	26.93	ug/L		95
102)	1,3-Dichlorobenzene	7.265	146	34408	27.62	ug/L		98
103)	1,2,3-Trimethylbenzene	7.356	105	59040	27.37	ug/L		96
104)	1,4-Dichlorobenzene	7.332	146	35680	27.41	ug/L		99
105)	n-Butylbenzene	7.539	92	31282	28.88	ug/L		99
106)	Benzyl Chloride	7.521	126	10172	27.12	ug/L		95
107)	1,2-Dichlorobenzene	7.643	146	32682	27.61	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:29:27 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

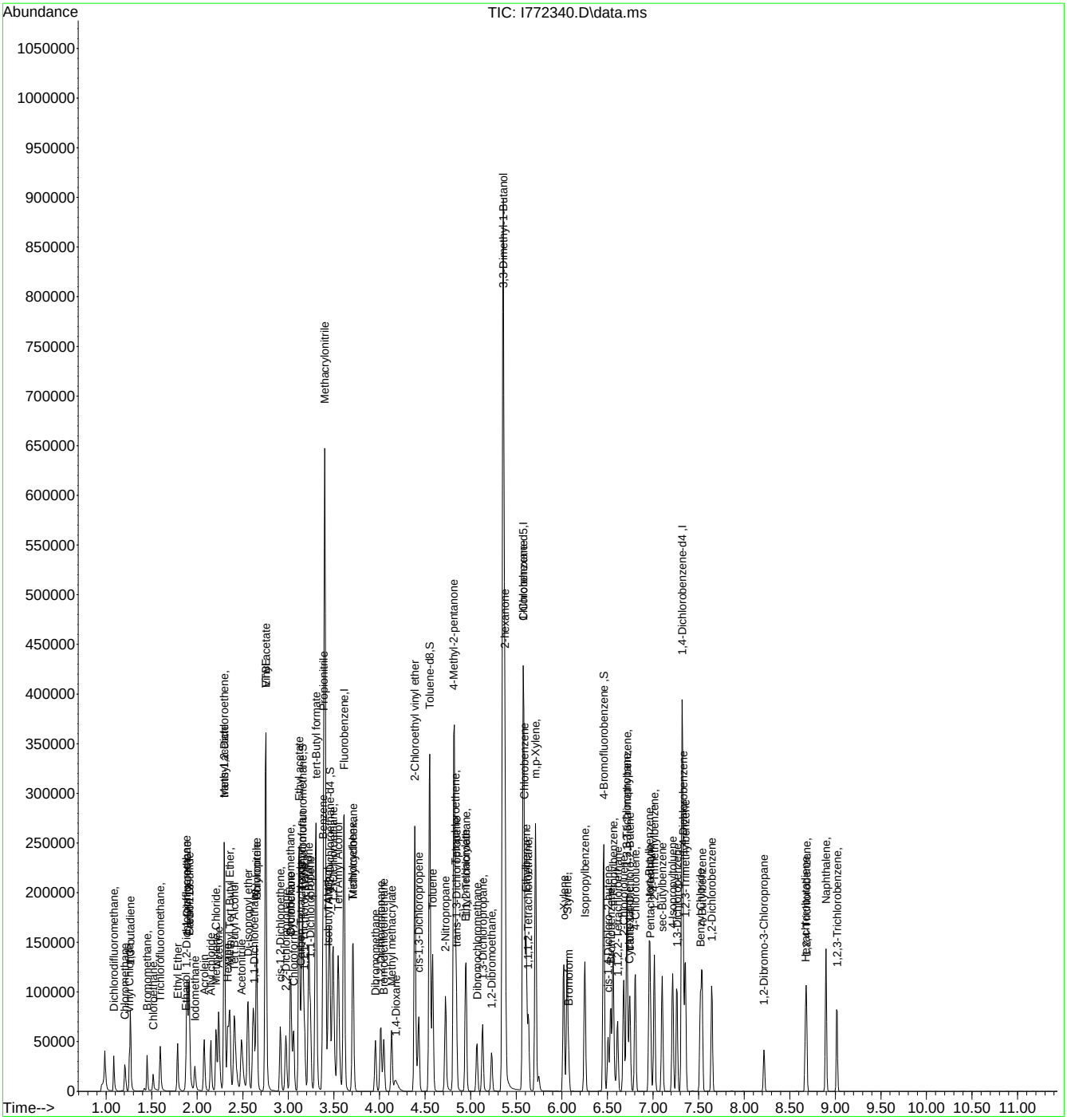
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	7293	24.35	ug/L	89
109) Hexachlorobutadiene	8.673	225	6707	29.93	ug/L	95
110) 1,2,4-Trichlorobenzene	8.685	180	17885	27.70	ug/L	93
111) Naphthalene	8.899	128	69883	27.04	ug/L	98
112) 1,2,3-Trichlorobenzene	9.020	180	17288	27.90	ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:29:27 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration



Manual Integration Approval Summary

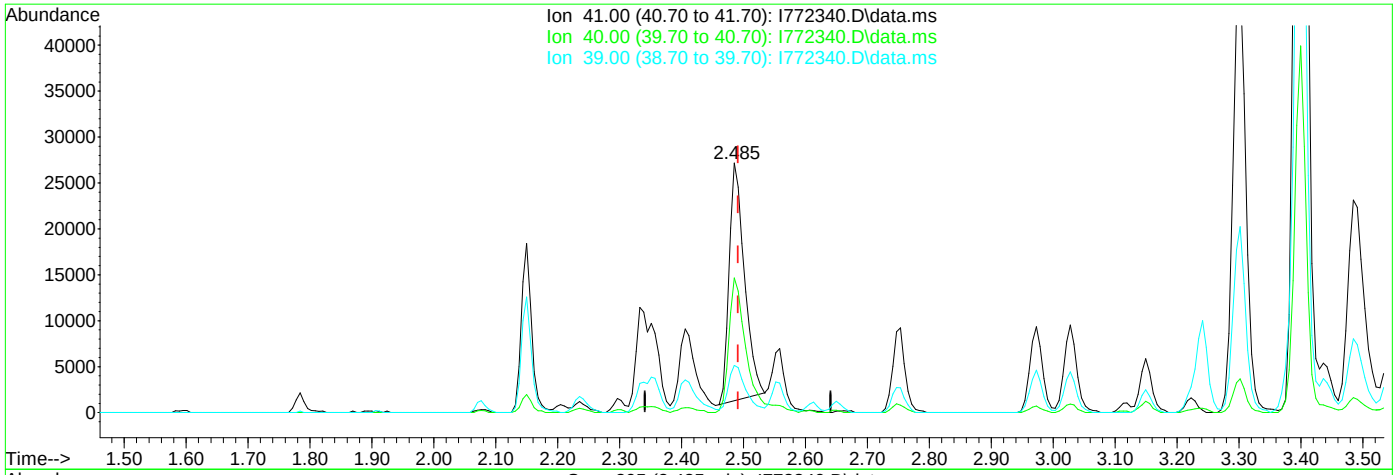
Sample Number: VI3607-BS
Lab FileID: I772340.D
Injection Time: 06/17/25 07:10
Method: SW846 8260D
Analyst approved: 06/17/25 07:31 Jenifer Willis
Supervisor approved: 06/18/25 08:20 Karen Watson

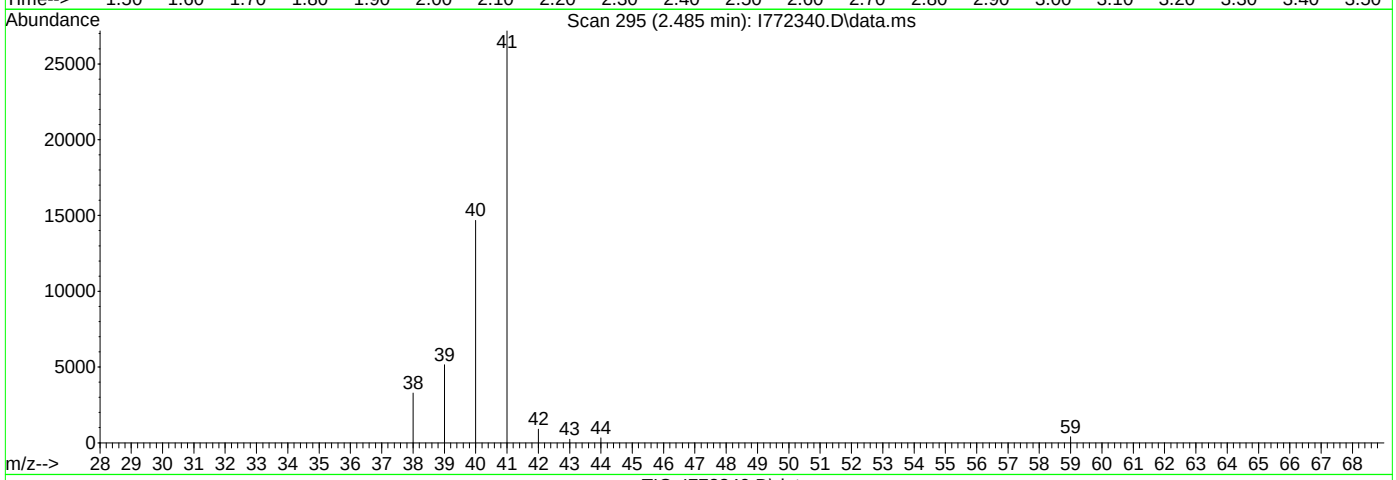
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 246.38ug/L

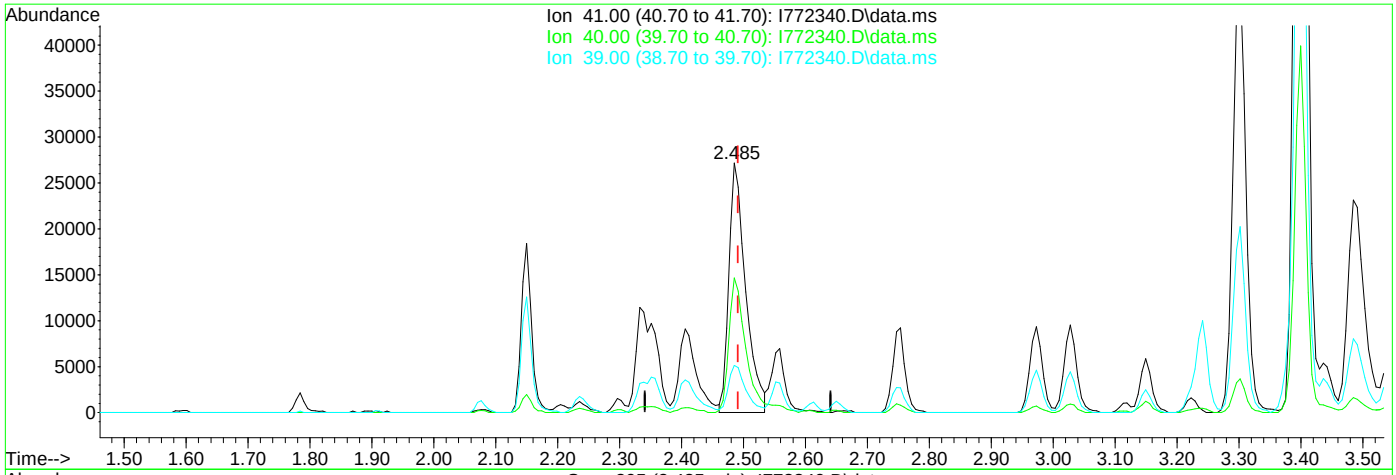
response 44508

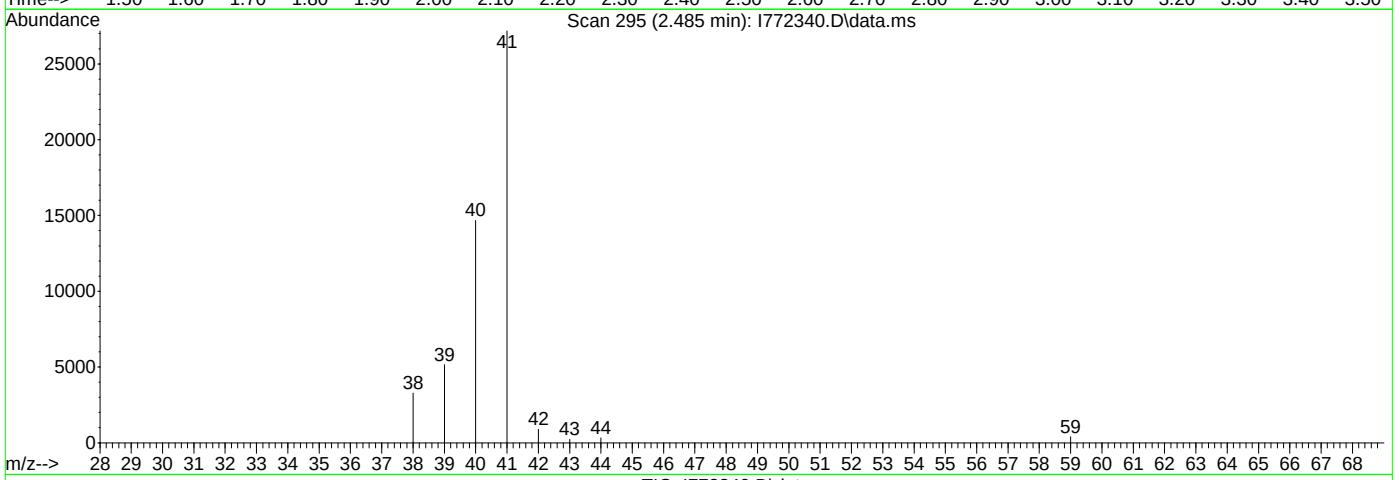
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.72
39.00	20.00	18.34
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 282.57ug/L m

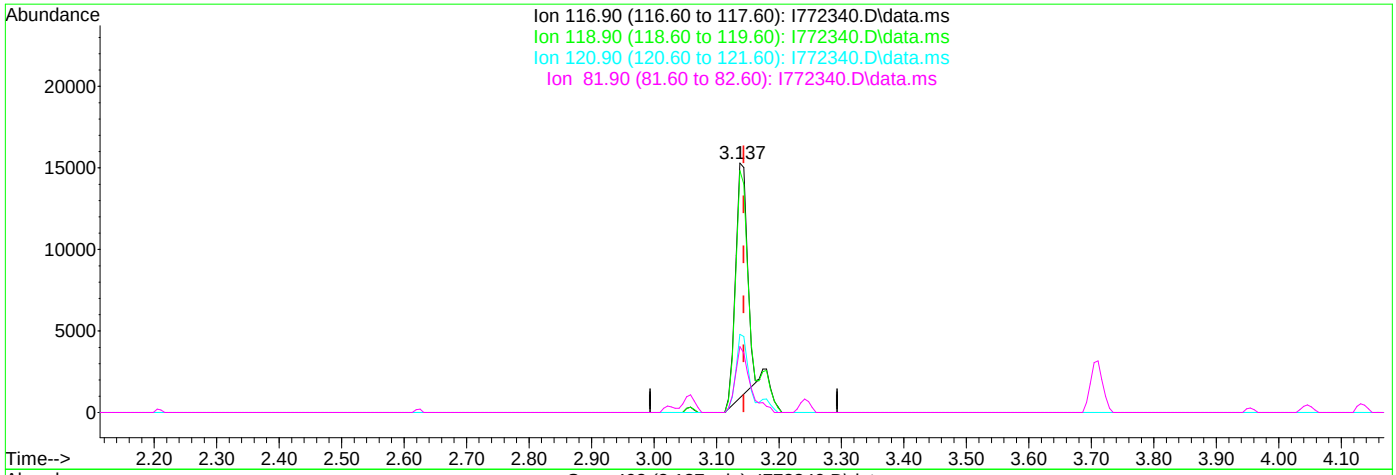
response 51047

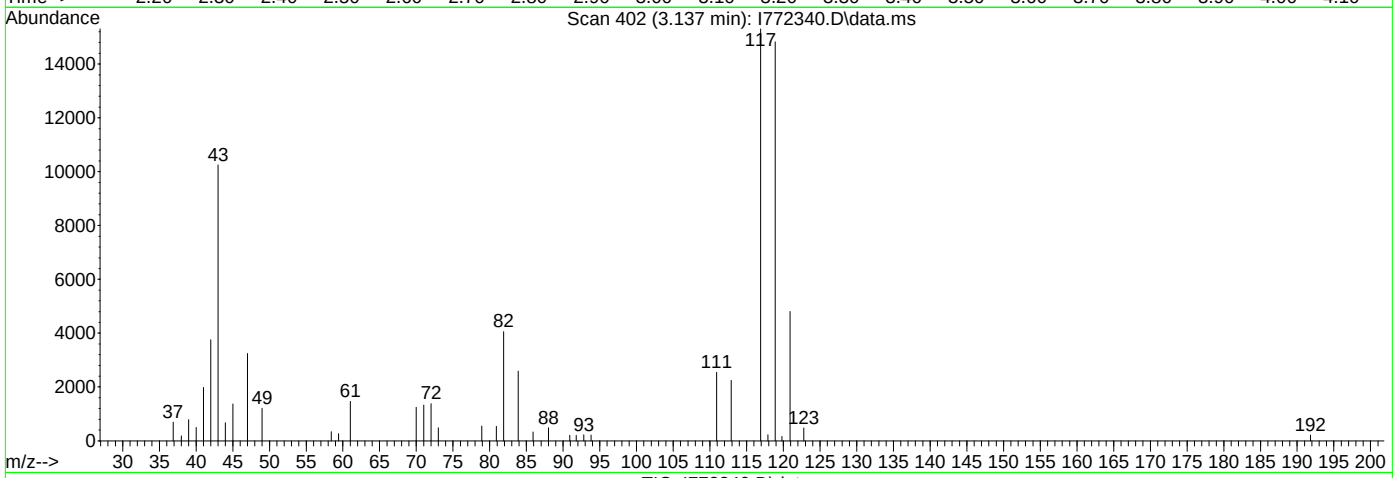
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.97
39.00	20.00	18.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(40) Carbon Tetrachloride ( )

3.137min (-0.006) 23.93ug/L

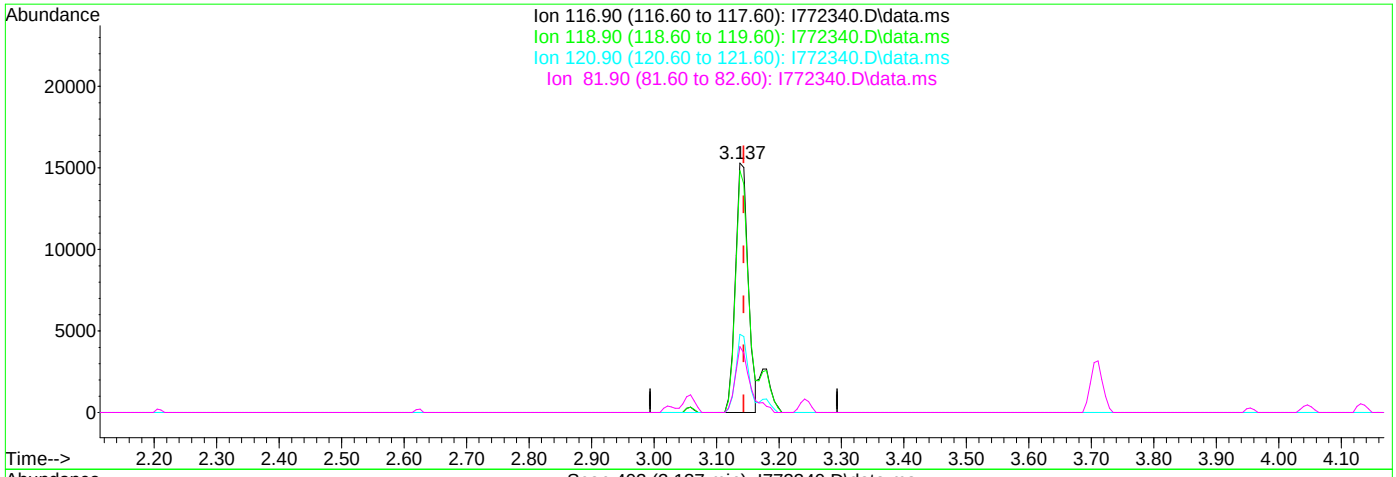
response 19157

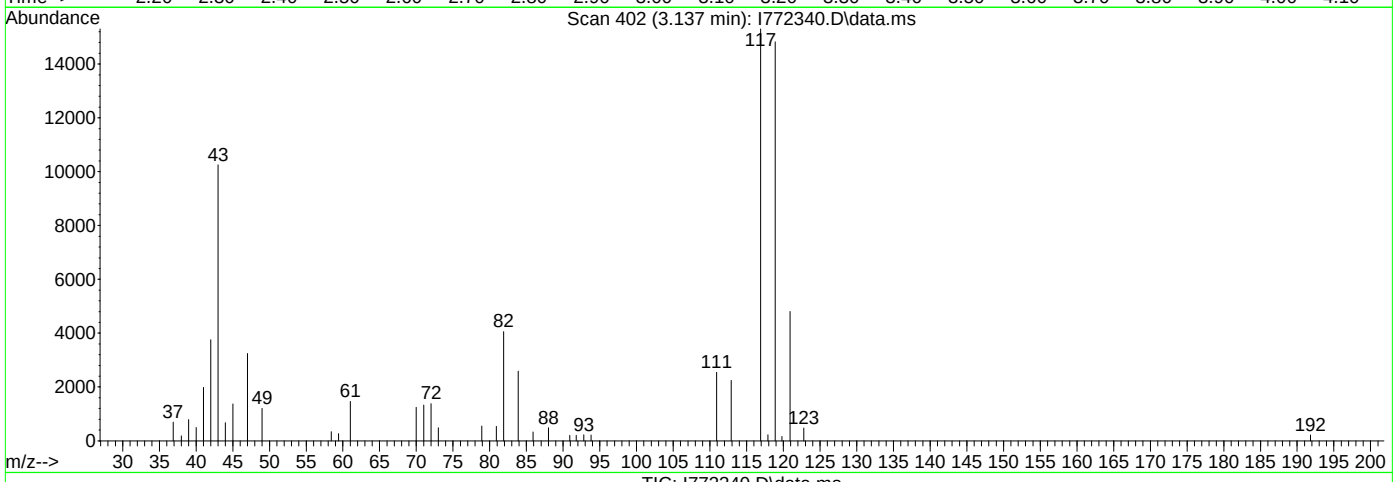
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.87
120.90	29.40	31.41
81.90	25.70	26.47

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(40) Carbon Tetrachloride ( )

3.137min (-0.006) 27.20ug/L m

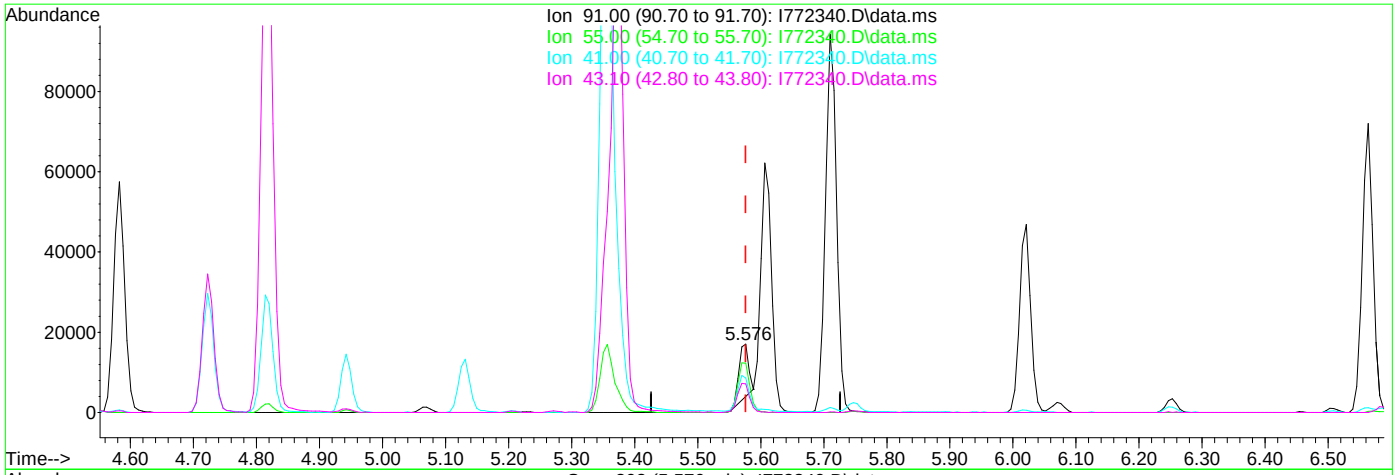
response 21768

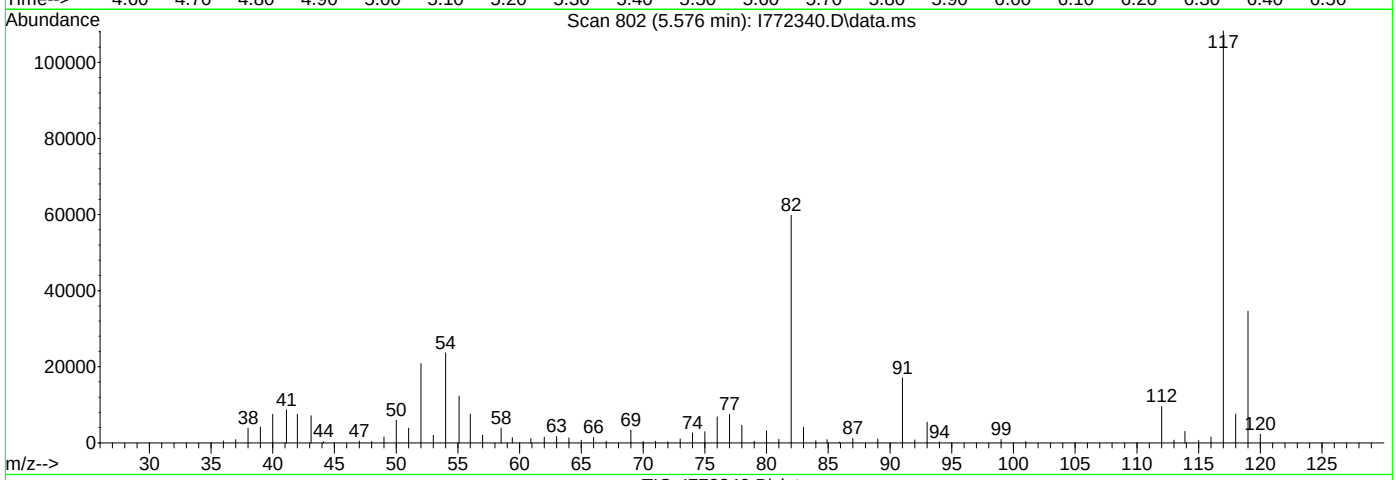
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.87
120.90	29.40	31.41
81.90	25.70	26.47

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 17.72ug/L

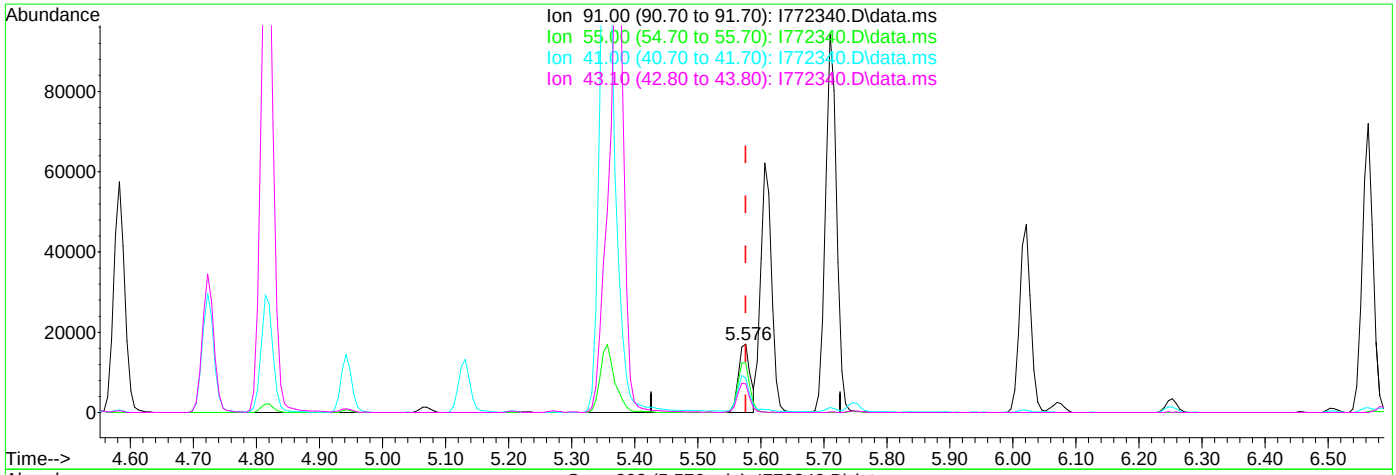
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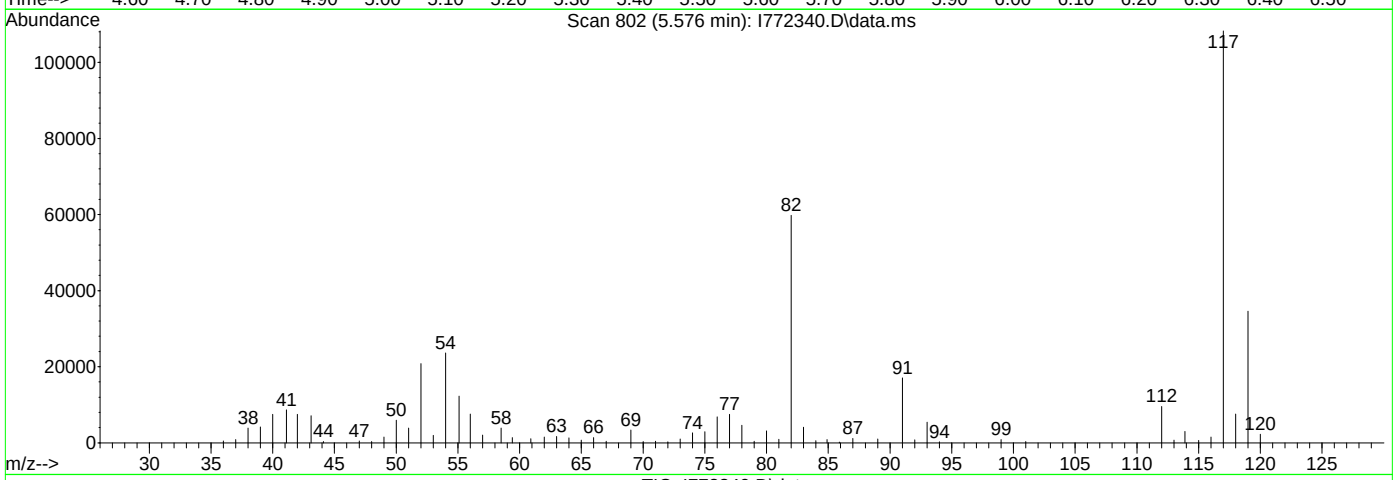
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	71.29
41.00	64.20	47.72
43.10	52.80	40.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 25.58ug/L m

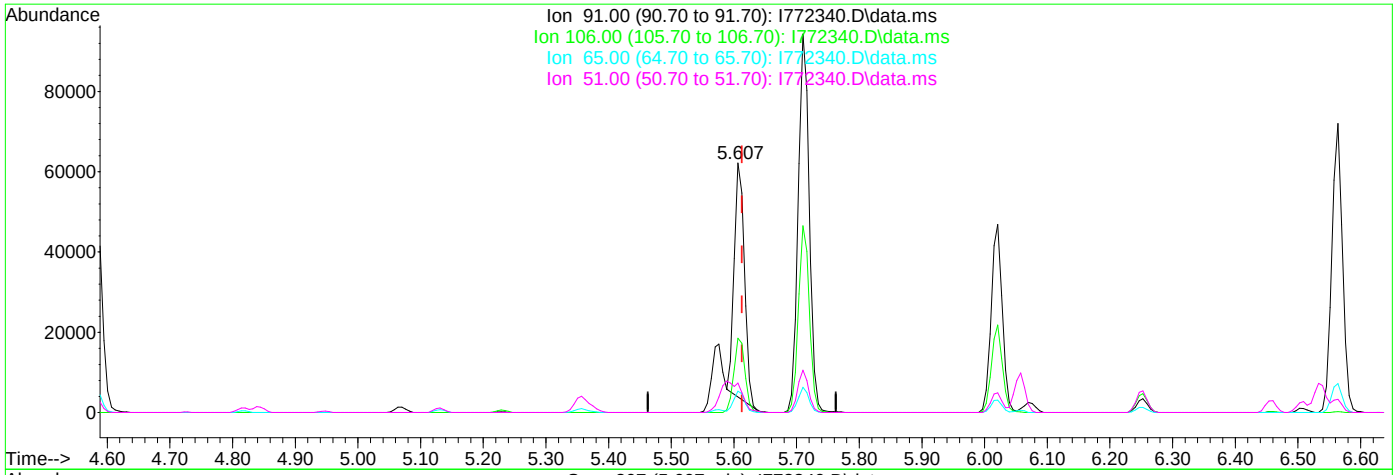
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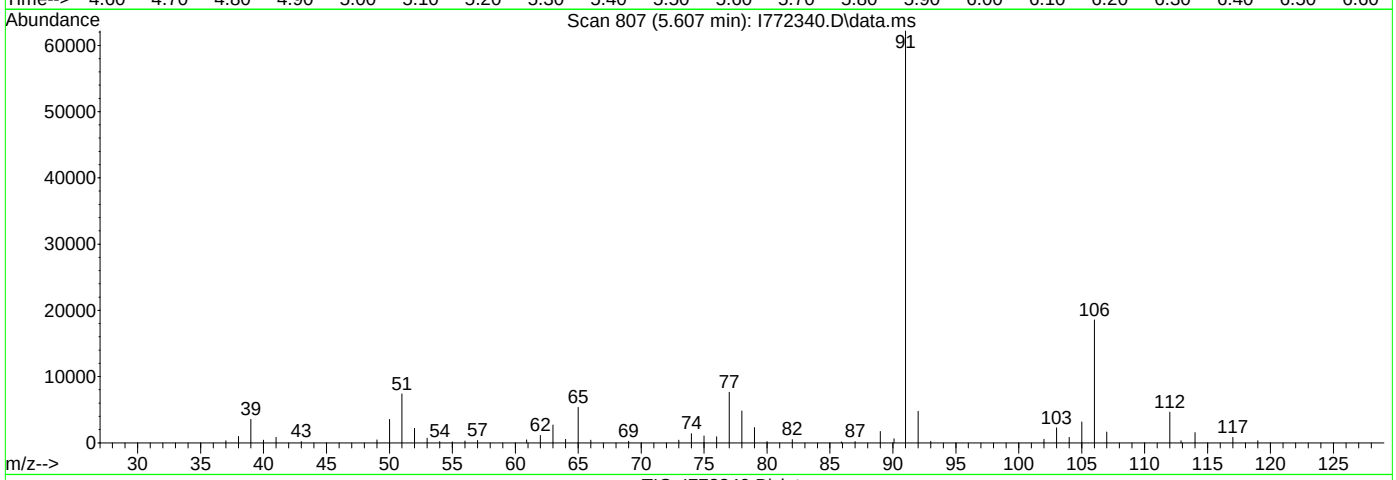
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	72.12
41.00	64.20	50.71
43.10	52.80	41.94

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(77) Ethylbenzene

5.607min (-0.006) 23.46ug/L

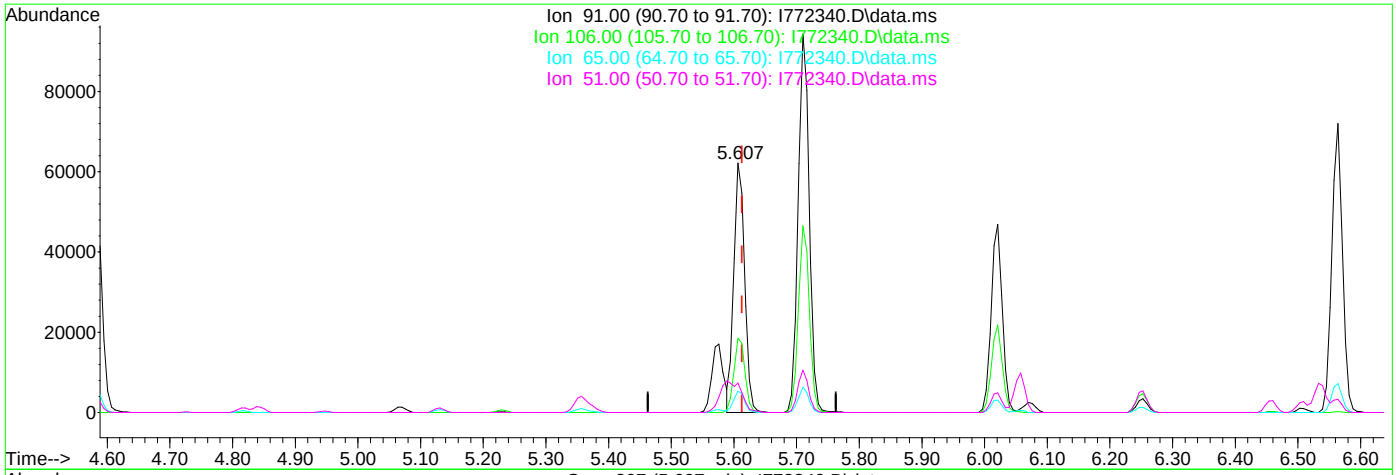
response 65556

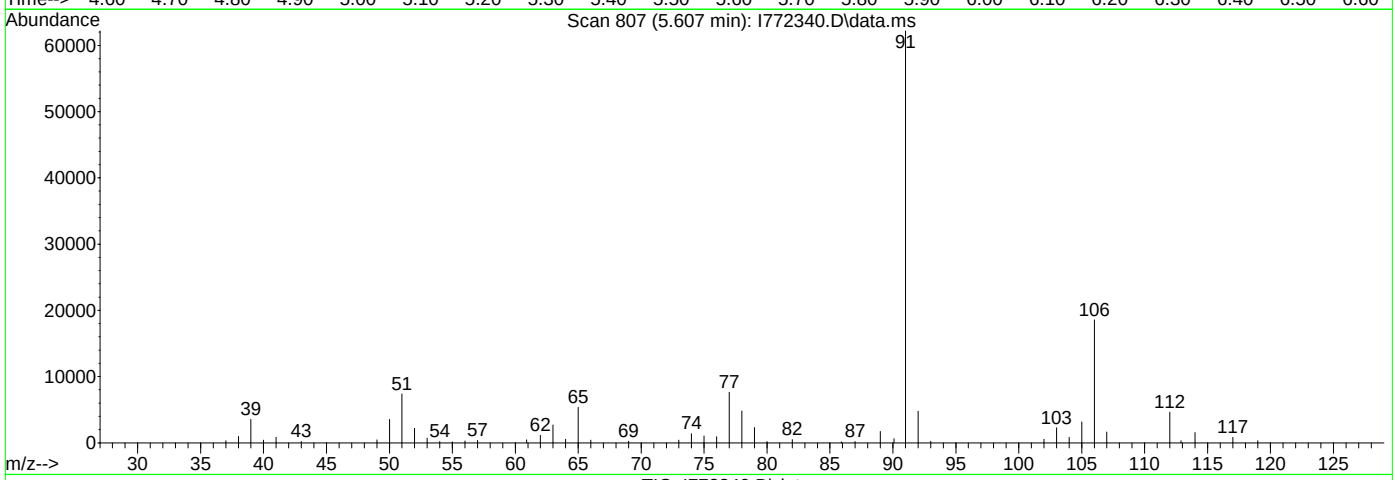
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.85
65.00	9.50	8.68
51.00	11.40	11.39

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772340.D
Acq On : 17 Jun 2025 7:10 am
Operator : jeniferw
Sample : BS Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 17 07:28:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772340.D\data.ms

(77) Ethylbenzene

5.607min (-0.006) 26.89ug/L m

response 75150

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.81
65.00	9.50	8.59
51.00	11.40	11.84

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772364.d
Acq On : 17 Jun 2025 1:49 pm
Operator : jeniferw
Sample : FC25417-8MS Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 17 20:53:43 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	168730	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	126751	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	66155	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	50985	53.00	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.00%			
49) 1,2-Dichloroethane-d4	3.461	65	54755	48.14	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 96.28%			
63) Toluene-d8	4.552	98	152773	46.97	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.94%			
86) 4-Bromofluorobenzene	6.460	174	49007	49.10	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	17779	21.6182	ug/L	95
3) Chloromethane	1.211	50	16637	22.5910	ug/L	98
4) 1,3-butadiene	1.272	39	15455	26.2902	ug/L	93
5) Vinyl Chloride	1.260	62	17367	23.6335	ug/L	99
6) Bromomethane	1.455	94	8654	20.3497	ug/L	98
7) Chloroethane	1.522	64	7492	22.9052	ug/L	98
8) Trichlorofluoromethane	1.607	101	22764	22.8723	ug/L	97
9) Ethyl Ether	1.790	59	12947	21.3119	ug/L	95
10) Ethanol	1.875	45	10056	438.0712	ug/L	89
11) 1,2-Dichlorotrifluoroe...	1.888	67	17056	23.7922	ug/L	99
12) 1,1-Dichloroethene	1.894	61	21235	23.0437	ug/L	92
13) Freon 113	1.918	101	13665	25.2171	ug/L	93
14) Carbon Disulfide	1.918	76	41668	22.5817	ug/L	95
15) Iodomethane	1.979	142	12618	22.2499	ug/L	100
16) Acrolein	2.083	56	23329	97.4127	ug/L	98
17) Allyl chloride	2.156	41	18450	18.3155	ug/L	95
18) Methylene Chloride	2.211	49	20432	21.8873	ug/L	97
19) Acetone	2.241	43	51836	108.0852	ug/L	96
20) Methyl acetate	2.302	43	118330	103.7276	ug/L	97
21) trans-1,2-Dichloroethene	2.302	61	20776	23.5897	ug/L	89
22) Hexane	2.339	56	11561	24.0453	ug/L #	67
23) Methyl Tert Butyl Ether	2.357	73	42929	22.0405	ug/L #	59
24) Acetonitrile	2.491	41	38930	227.4304	ug/L	98
25) Tert Butyl Alcohol	2.406	59	77325	259.9498	ug/L	82
26) Di-isopropyl ether	2.558	45	45742	22.7841	ug/L	99
27) Chloroprene	2.656	53	62744	26.3368	ug/L	83
28) 1,1-Dichloroethane	2.631	63	27258	24.7886	ug/L	98
29) Acrylonitrile	2.656	52	48377	124.8706	ug/L #	68
30) ETBE	2.753	59	46797	23.4257	ug/L	97
31) Vinyl acetate	2.753	43	216392	120.5749	ug/L	100
32) cis-1,2-Dichloroethene	2.918	96	16217	26.3836	ug/L	87
33) 2,2-Dichloropropane	2.979	77	21309	24.5118	ug/L	99
34) Bromochloromethane	3.028	128	8214	26.9216	ug/L	92
35) Cyclohexane	3.034	56	23651	26.1485	ug/L	93
36) Chloroform	3.058	83	28879	25.2495	ug/L	95
37) Ethyl acetate	3.119	43	152713	118.4971	ug/L	99
38) Tetrahydrofuran	3.156	42	10755	21.4793	ug/L	90
40) Carbon Tetrachloride	3.144	117	17312	22.8267	ug/L	98
41) 1,1,1-Trichloroethane	3.180	97	23387	26.8167	ug/L	95
42) 2-Butanone	3.229	43	94600	120.9113	ug/L	90
43) 1,1-Dichloropropene	3.247	75	20810	29.6243	ug/L	89
44) tert-Butyl formate	3.308	59	10865	17.5616	ug/L	91

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772364.d
Acq On : 17 Jun 2025 1:49 pm
Operator : jeniferw
Sample : FC25417-8MS Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 17 20:53:43 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) Propionitrile	3.394	54	54705	249.2503	ug/L #	39
46) Methacrylonitrile	3.406	41	166402	236.9641	ug/L	96
47) Benzene	3.387	78	60518	26.1752	ug/L	81
48) TAME	3.442	73	41820	23.3578	ug/L #	65
50) 1,2-Dichloroethane	3.497	62	21291	23.4823	ug/L	98
51) Isobutyl Alcohol	3.442	43	9698	352.7280	ug/L	73
52) Tert Amyl Alcohol	3.546	59	52970	230.4240	ug/L	96
53) Trichloroethene	3.711	95	16141	25.8578	ug/L	96
54) Methylcyclohexane	3.711	83	20874	27.4782	ug/L	94
55) Dibromomethane	3.960	93	11608	26.0629	ug/L	94
56) 1,2-Dichloropropane	4.015	63	15754	25.6847	ug/L	95
57) Bromodichloromethane	4.052	83	20803	23.9364	ug/L	98
58) Methyl methacrylate	4.137	41	17543	22.5881	ug/L	86
59) 1,4-Dioxane	4.174	88	7986	474.6337	ug/L	95
61) cis-1,3-Dichloropropene	4.430	75	23191	23.8384	ug/L	90
64) Toluene	4.588	91	62071	25.3257	ug/L	99
65) 2-Nitropropane	4.729	41	30718	97.6815	ug/L	100
66) 4-Methyl-2-pentanone	4.820	43	151249	122.4697	ug/L	96
67) trans-1,3-Dichloropropene	4.844	75	23795	24.0209	ug/L	88
68) Tetrachloroethene	4.832	166	15659	27.9231	ug/L	93
69) Ethyl methacrylate	4.948	69	23078	25.7708	ug/L #	76
70) 1,1,2-Trichloroethane	4.948	83	13573	26.2950	ug/L	91
71) Dibromochloromethane	5.070	129	16727	25.5604	ug/L	99
72) 1,3-Dichloropropane	5.131	76	25744	25.2537	ug/L	87
73) 1,2-Dibromoethane	5.235	107	17161	25.3899	ug/L	96
74) 3,3-Dimethyl-1-Butanol	5.357	57	282789	1107.4862	ug/L	95
75) 2-hexanone	5.375	43	169221	114.4104	ug/L	78
76) 1-Chlorohexane	5.576	91	12700	15.3231	ug/L	89
77) Ethylbenzene	5.613	91	58593	21.8799	ug/L	98
78) Chlorobenzene	5.594	112	40759	25.7055	ug/L	97
79) 1,1,1,2-Tetrachloroethane	5.637	131	14374	25.9923	ug/L	95
80) m,p-Xylene	5.716	91	102912	50.7819	ug/L	99
81) o-Xylene	6.021	91	48670	24.1485	ug/L	99
82) Styrene	6.058	104	38571	25.4081	ug/L	98
83) Bromoform	6.076	173	11140	24.6695	ug/L	98
84) Isopropylbenzene	6.253	105	60213	25.9392	ug/L	98
87) cis-1,4-Dichloro-2-butene	6.509	53	7321	17.8675	ug/L	96
88) n-Propylbenzene	6.564	91	74621	24.5119	ug/L	100
89) Bromobenzene	6.539	156	16702	24.2847	ug/L	93
90) 1,1,2,2-Tetrachloroethane	6.612	83	25510	23.3618	ug/L	97
91) 1,3,5-Trimethylbenzene	6.716	105	48776	24.3137	ug/L	100
92) 2-Chlorotoluene	6.679	91	40982	23.8460	ug/L	97
93) trans-1,4-Dichloro-2-B...	6.747	53	6056	18.9774	ug/L	87
94) 1,2,3-Trichloropropane	6.716	110	7827	23.5252	ug/L	81
95) Cyclohexanone	6.747	55	7846	92.1927	ug/L	93
96) 4-Chlorotoluene	6.807	91	46548	24.1356	ug/L	94
97) tert-Butylbenzene	6.960	91	26403	24.1116	ug/L	97
98) 1,2,4-Trimethylbenzene	7.015	105	50024	24.6824	ug/L	98
99) Pentachloroethane	6.972	167	9667	26.2971	ug/L #	22
100) sec-Butylbenzene	7.100	105	55181	24.0082	ug/L	98
101) 4-Isopropyltoluene	7.216	119	44781	23.6533	ug/L	96
102) 1,3-Dichlorobenzene	7.265	146	30082	24.6320	ug/L	98
103) 1,2,3-Trimethylbenzene	7.356	105	51786	24.4927	ug/L	98
104) 1,4-Dichlorobenzene	7.332	146	31164	24.4205	ug/L	97
105) n-Butylbenzene	7.539	92	26063	24.5498	ug/L	97
106) Benzyl Chloride	7.521	126	7974	21.6852	ug/L	96
107) 1,2-Dichlorobenzene	7.643	146	28454	24.5257	ug/L	96
108) 1,2-Dibromo-3-Chloropr...	8.216	75	6193	21.0934	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772364.d
Acq On : 17 Jun 2025 1:49 pm
Operator : jeniferw
Sample : FC25417-8MS Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 17 20:53:43 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
109) Hexachlorobutadiene	8.673	225	5054	23.0115 ug/L	93
110) 1,2,4-Trichlorobenzene	8.685	180	14561	23.0053 ug/L	97
111) Naphthalene	8.899	128	55513	21.9140 ug/L	99
112) 1,2,3-Trichlorobenzene	9.020	180	14371	23.6615 ug/L	97

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

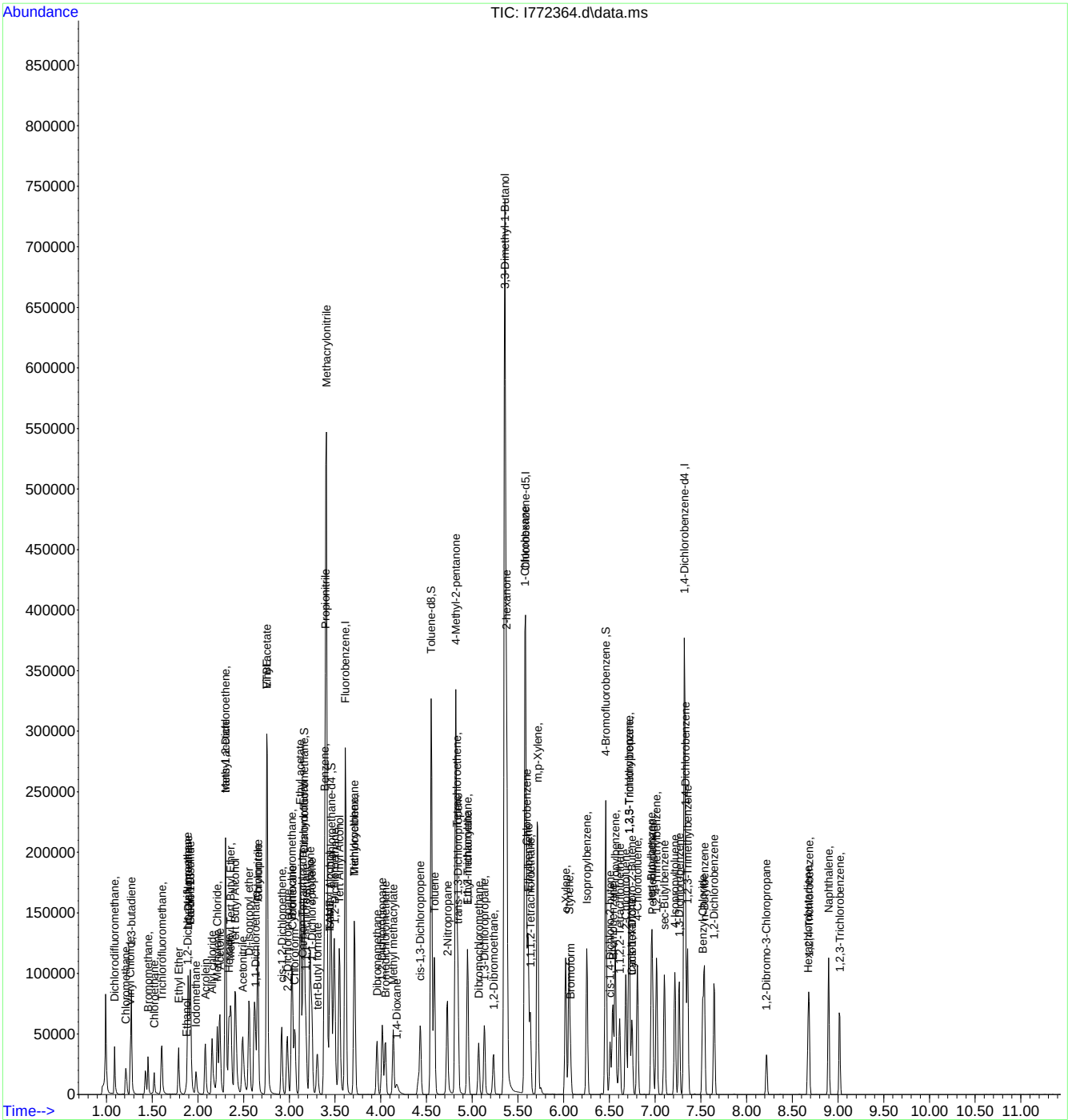
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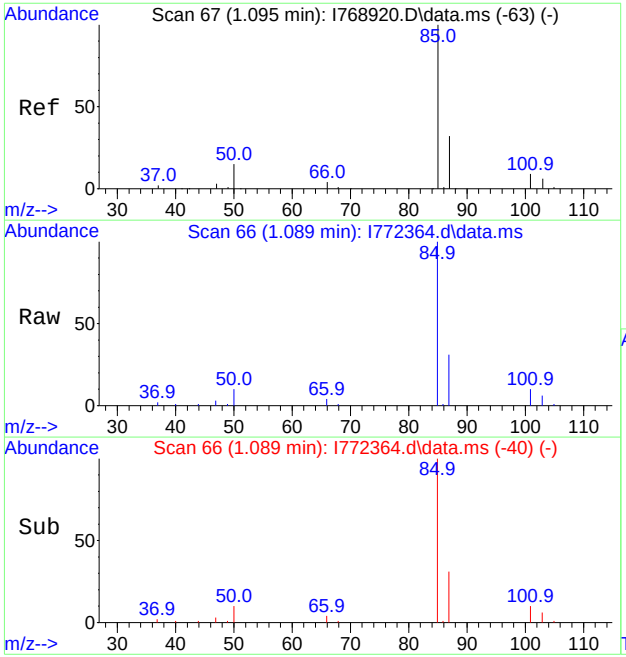
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Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772364.d
Acq On : 17 Jun 2025 1:49 pm
Operator : jeniferw
Sample : FC25417-8MS Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 17 20:53:43 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

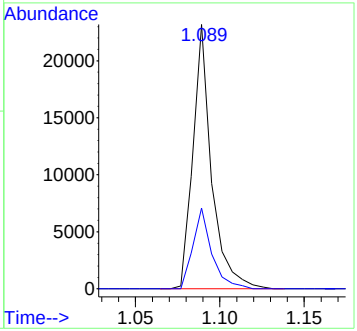


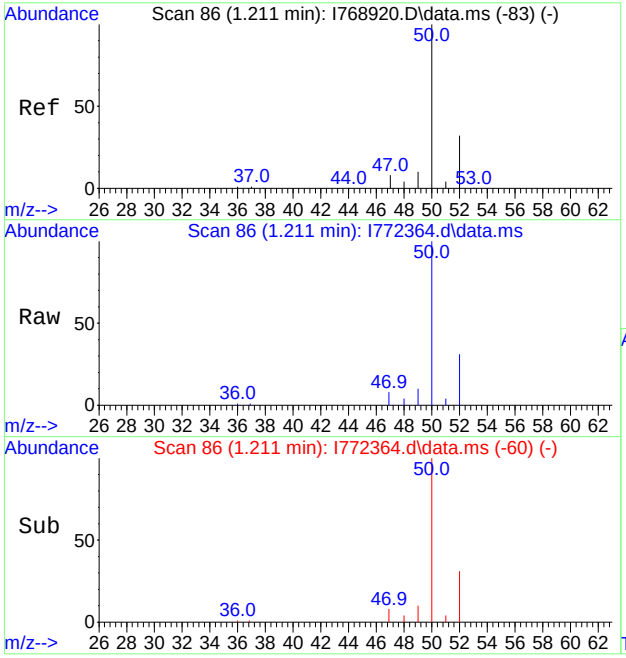


#2
Dichlorodifluoromethane
Concen: 21.6182 ug/L
RT: 1.089 min Scan# 66
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 85 Resp: 17779

Ion	Ratio	Lower	Upper
85	100		
87	30.6	3.4	63.4

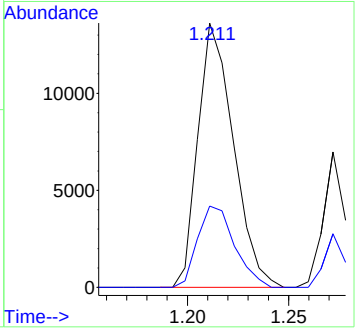


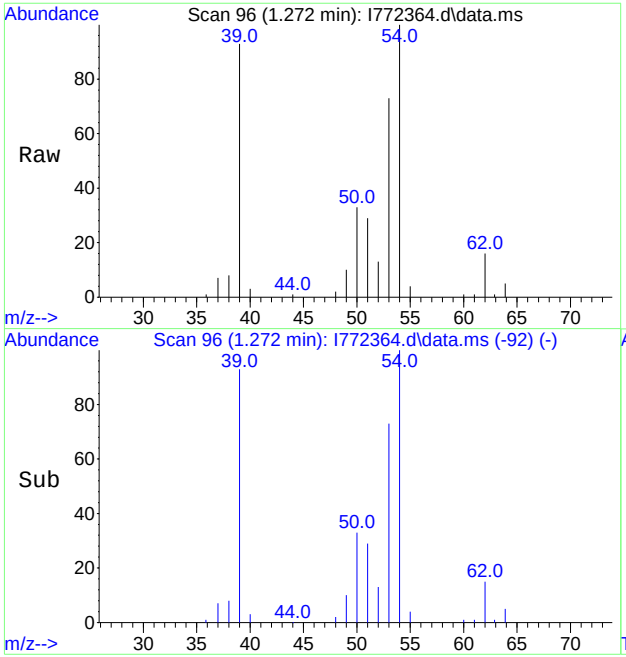


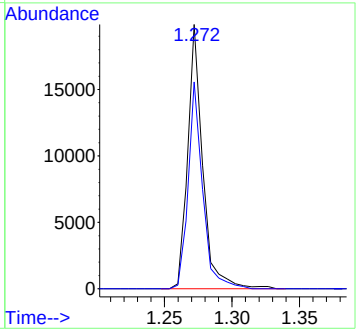
#3
Chloromethane
Concen: 22.5910 ug/L
RT: 1.211 min Scan# 86
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 50 Resp: 16637

Ion	Ratio	Lower	Upper
50	100		
52	30.7	1.8	61.8



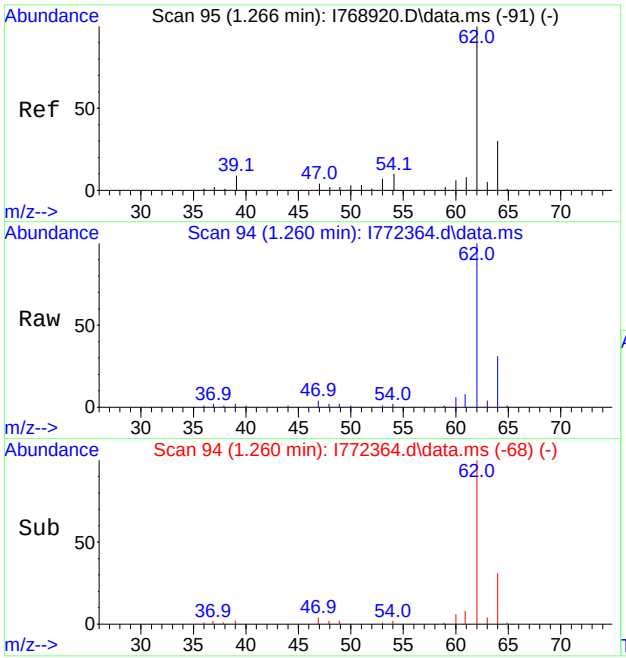


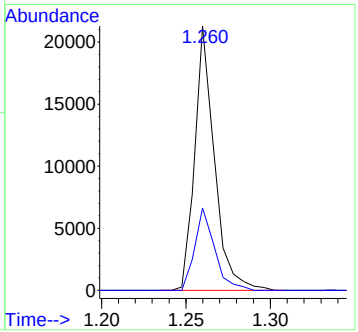


#4
1,3-butadiene
Concen: 26.2902 ug/L
RT: 1.272 min Scan# 96
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 39 Resp: 15455

Ion	Ratio	Lower	Upper
39	100		
53	78.2	52.1	92.1

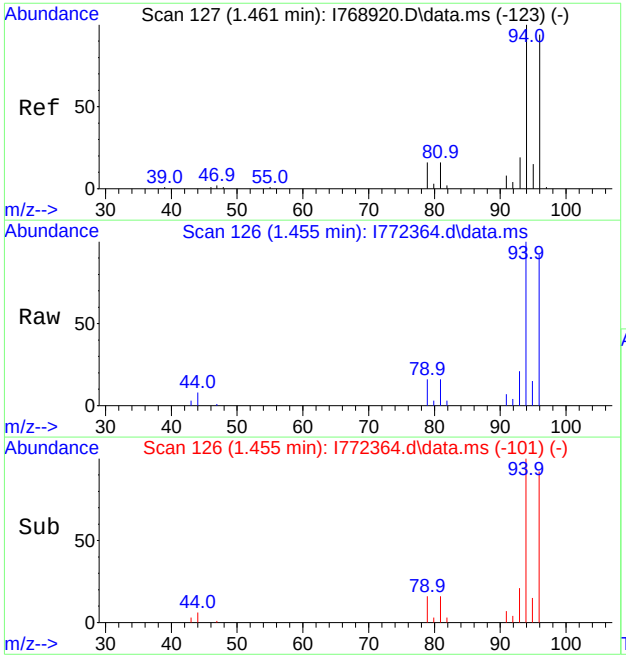




#5
Vinyl Chloride
Concen: 23.6335 ug/L
RT: 1.260 min Scan# 94
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 62 Resp: 17367

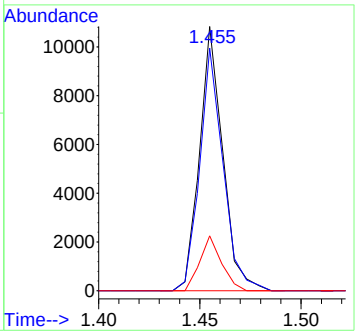
Ion	Ratio	Lower	Upper
62	100		
64	31.2	1.6	61.6

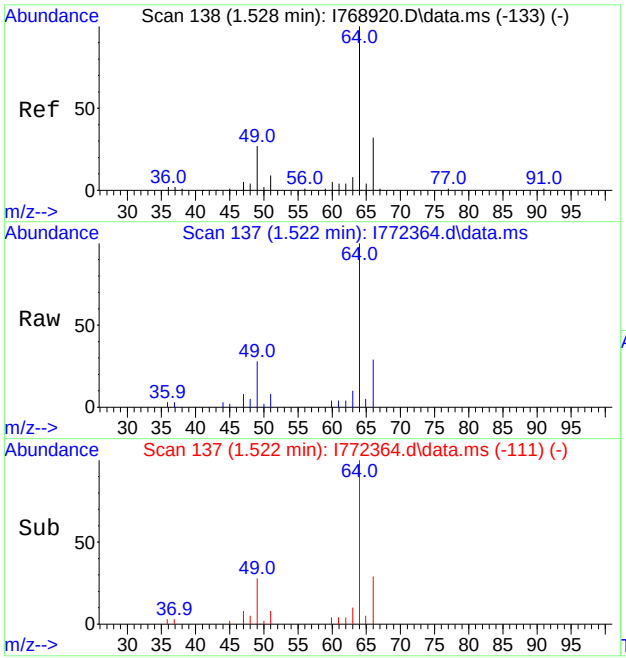


#6
Bromomethane
Concen: 20.3497 ug/L
RT: 1.455 min Scan# 126
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 94 Resp: 8654

Ion	Ratio	Lower	Upper
94	100		
96	91.8	64.0	124.0
93	20.7	0.0	51.3

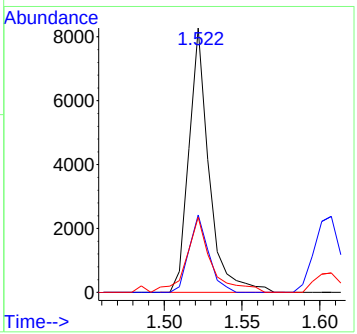


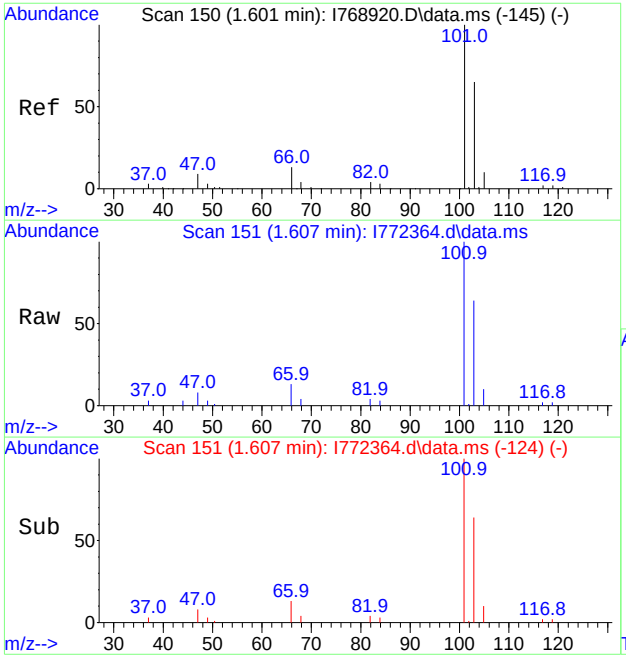


#7
Chloroethane
Concen: 22.9052 ug/L
RT: 1.522 min Scan# 137
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 64 Resp: 7492

Ion	Ratio	Lower	Upper
64	100		
66	29.3	1.7	61.7
49	28.5	0.0	58.5

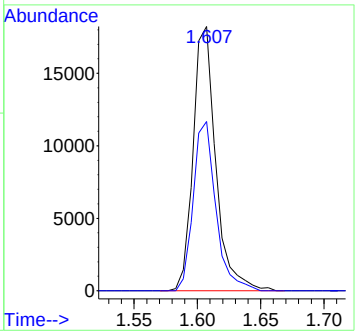


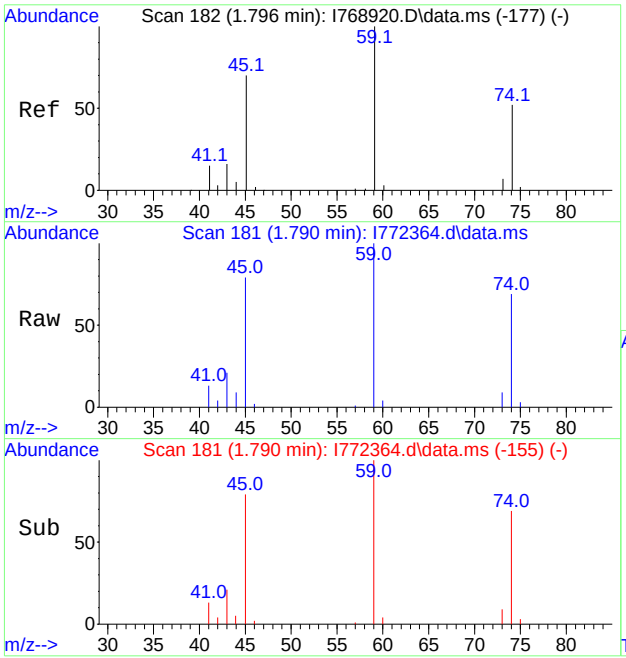


#8
Trichlorofluoromethane
Concen: 22.8723 ug/L
RT: 1.607 min Scan# 151
Delta R.T. 0.012 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:101 Resp: 22764

Ion	Ratio	Lower	Upper
101	100		
103	64.0	36.2	96.2

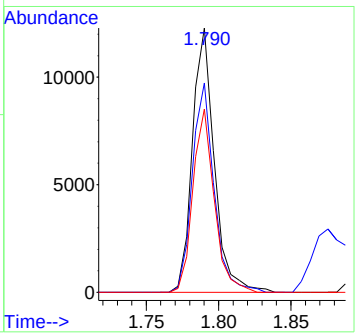


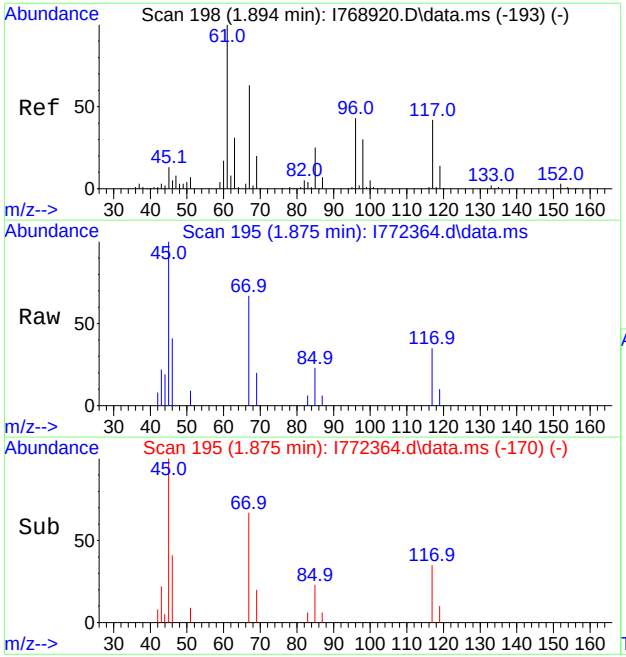


#9
Ethyl Ether
Concen: 21.3119 ug/L
RT: 1.790 min Scan# 181
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 59 Resp: 12947

Ion	Ratio	Lower	Upper
59	100		
45	79.2	54.5	94.5
74	69.4	45.8	85.8

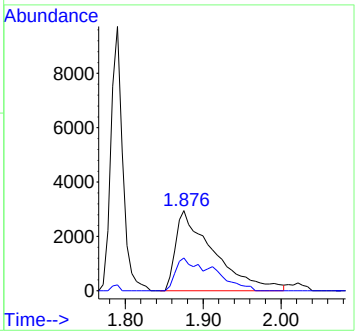


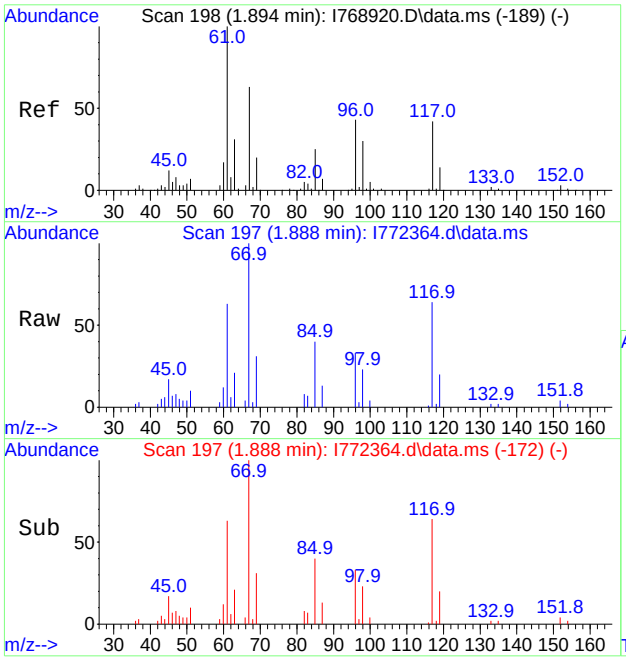


#10
Ethanol
Concen: 438.0712 ug/L
RT: 1.875 min Scan# 195
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 45 Resp: 10056

Ion	Ratio	Lower	Upper
45	100		
46	41.2	15.0	55.0

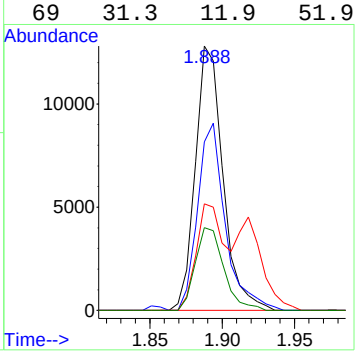


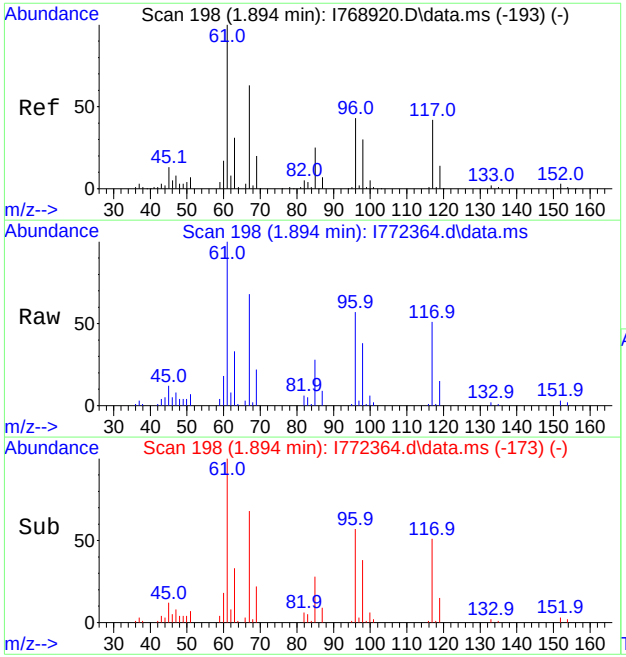


#11
1,2-Dichlorotrifluoroethane
Concen: 23.7922 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 67 Resp: 17056

Ion	Ratio	Lower	Upper
67	100		
117	63.7	44.4	84.4
85	40.3	19.8	59.8
69	31.3	11.9	51.9

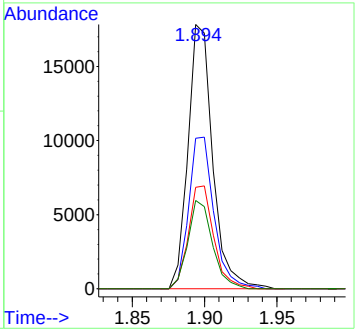


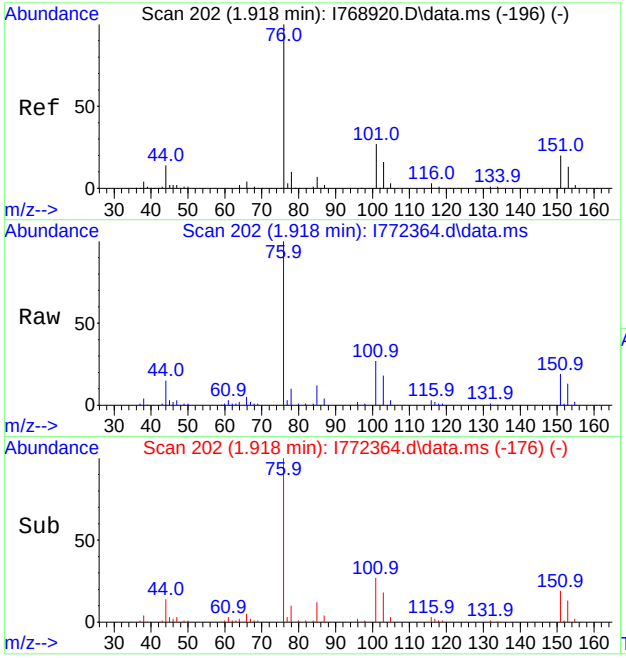


#12
1,1-Dichloroethene
Concen: 23.0437 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 61 Resp: 21235

Ion	Ratio	Lower	Upper
61	100		
96	56.9	20.8	80.8
98	38.4	2.4	62.4
63	33.4	1.5	61.5

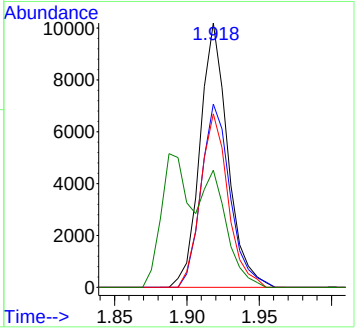


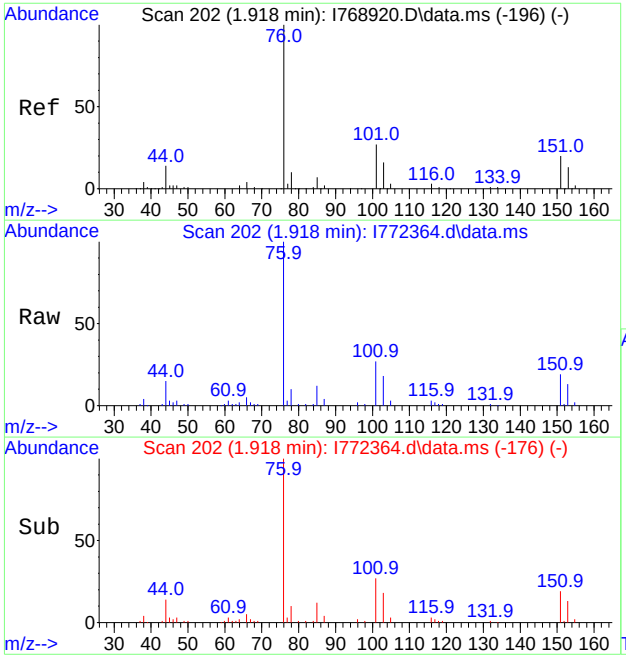


#13
Freon 113
Concen: 25.2171 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:101 Resp: 13665

Ion	Ratio	Lower	Upper
101	100		
151	69.3	60.3	100.3
103	65.6	43.0	83.0
85	44.3	23.9	63.9

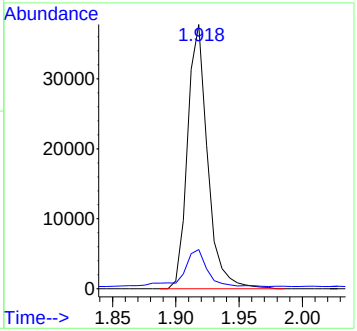


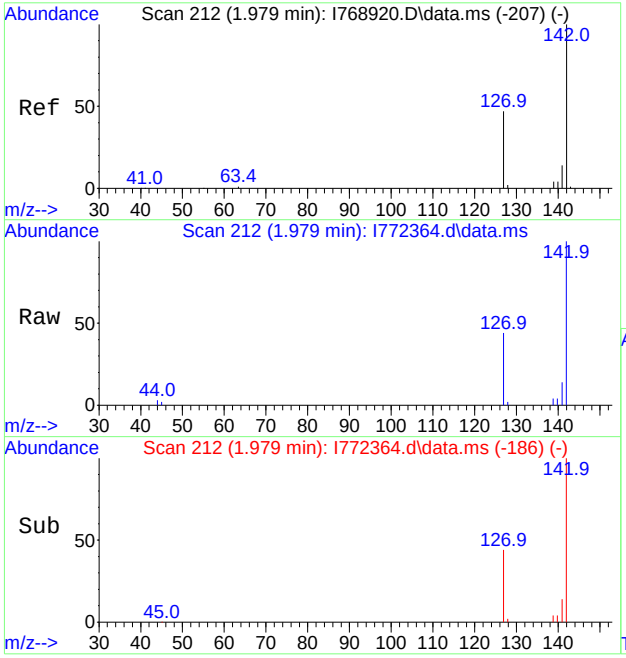


#14
Carbon Disulfide
Concen: 22.5817 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 76 Resp: 41668

Ion	Ratio	Lower	Upper
76	100		
44	13.9	0.0	46.2

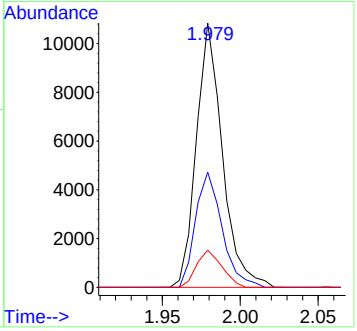


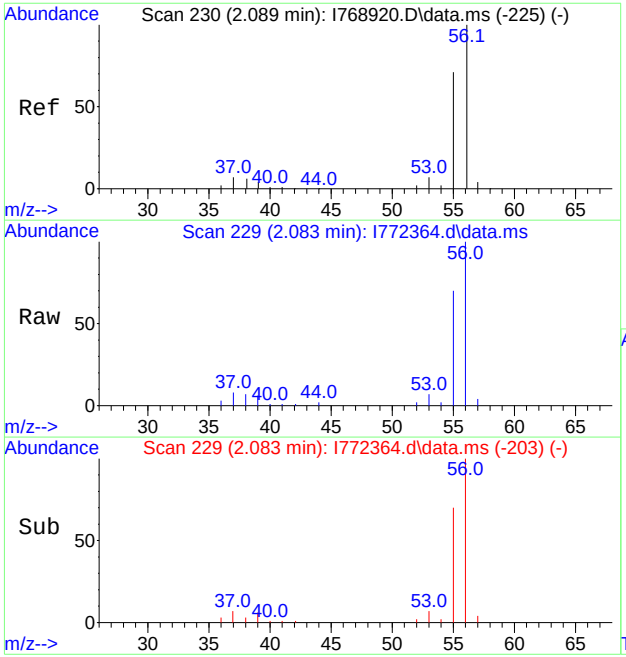


#15
Iodomethane
Concen: 22.2499 ug/L
RT: 1.979 min Scan# 212
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:142 Resp: 12618

Ion	Ratio	Lower	Upper
142	100		
127	43.5	23.5	63.5
141	14.1	0.0	34.0

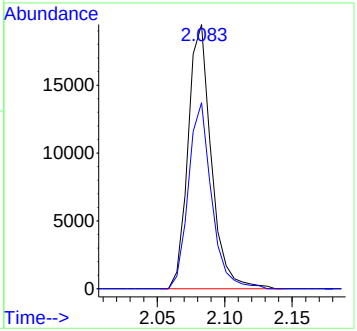


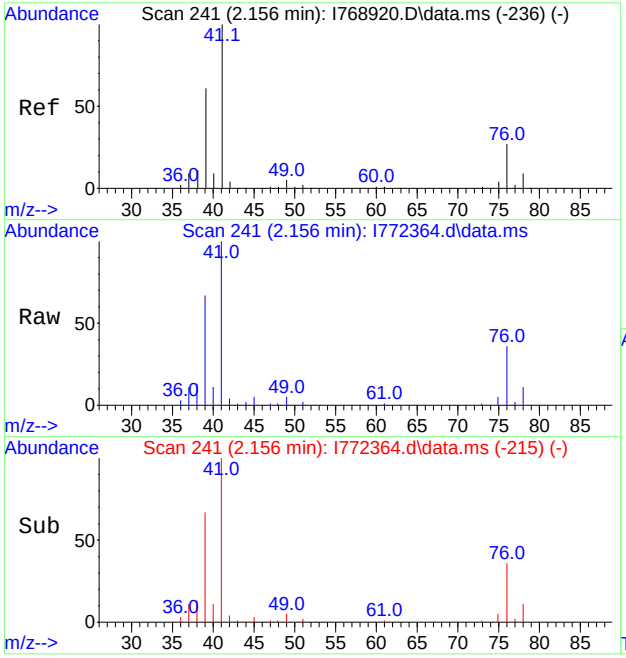


#16
Acrolein
Concen: 97.4127 ug/L
RT: 2.083 min Scan# 229
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 56 Resp: 23329

Ion	Ratio	Lower	Upper
56	100		
55	70.4	42.3	102.3

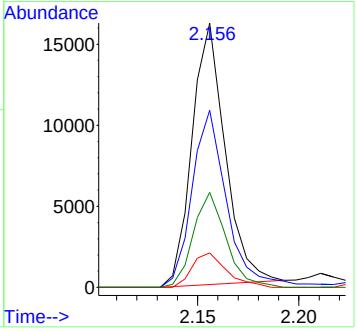


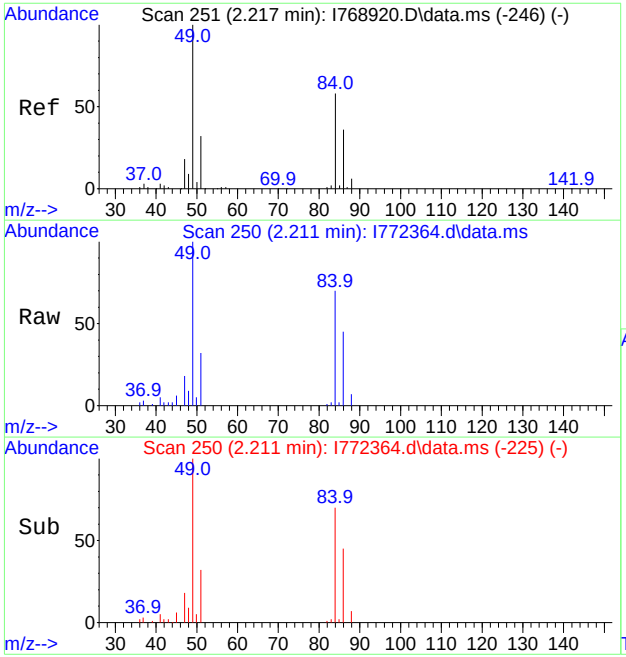


#17
Allyl chloride
Concen: 18.3155 ug/L
RT: 2.156 min Scan# 241
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 41 Resp: 18450

Ion	Ratio	Lower	Upper
41	100		
39	67.0	52.4	92.4
38	13.1	0.0	35.2
76	35.9	14.5	54.5

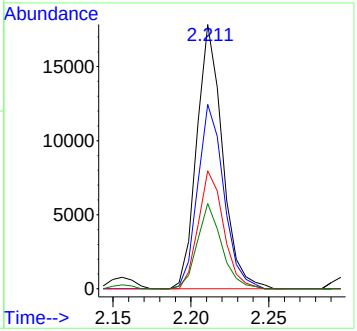


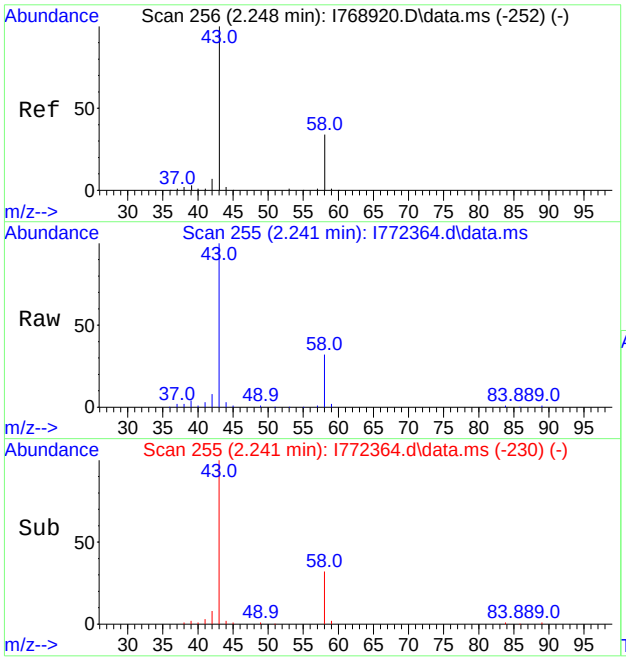


#18
Methylene Chloride
Concen: 21.8873 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 49 Resp: 20432

Ion	Ratio	Lower	Upper
49	100		
84	69.7	36.5	96.5
86	44.7	12.8	72.8
51	32.2	0.5	60.5

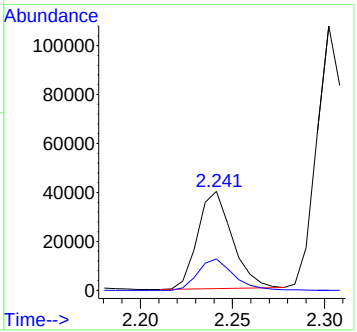


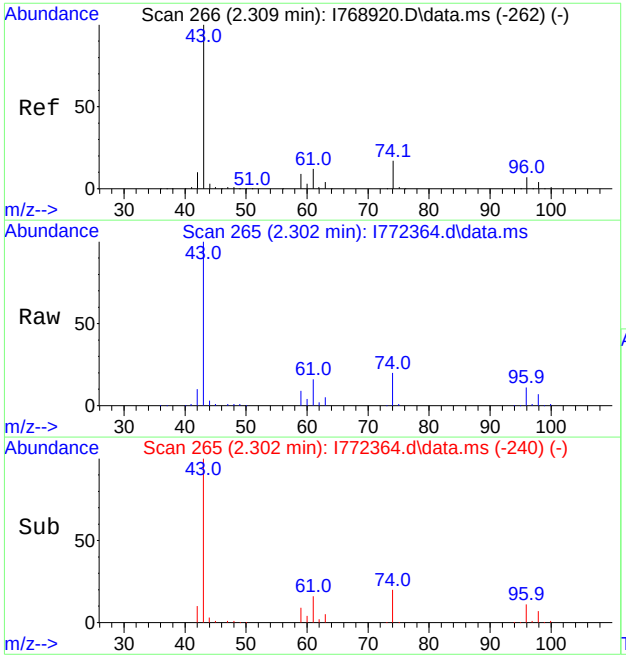


#19
Acetone
Concen: 108.0852 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 51836

Ion	Ratio	Lower	Upper
43	100		
58	32.1	0.0	60.0

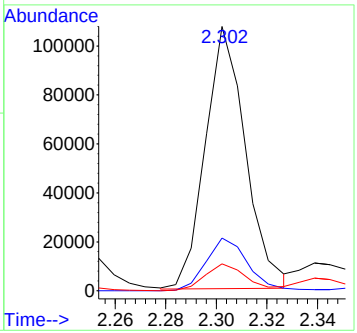


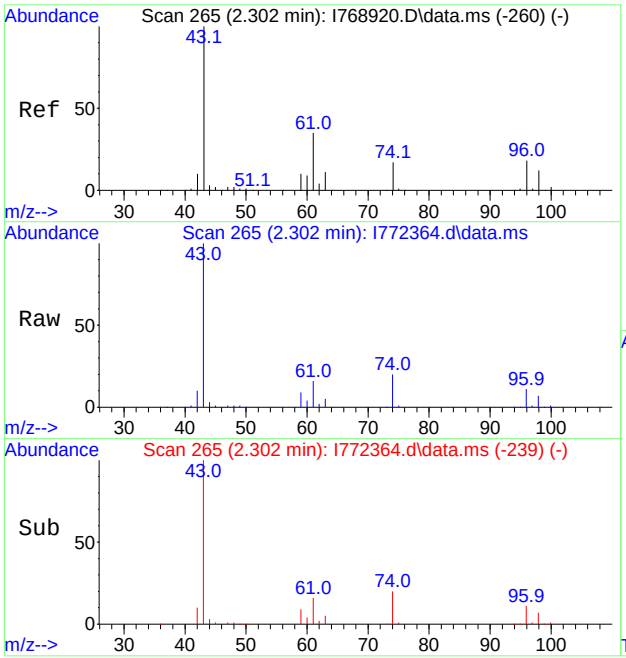


#20
Methyl acetate
Concen: 103.7276 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 118330

Ion	Ratio	Lower	Upper
43	100		
74	20.2	0.0	38.6
42	10.3	0.0	30.8

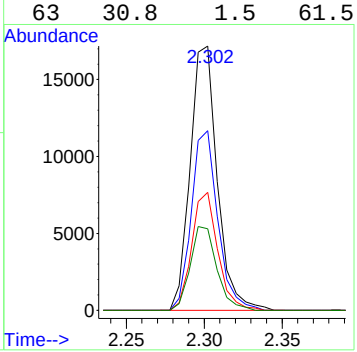


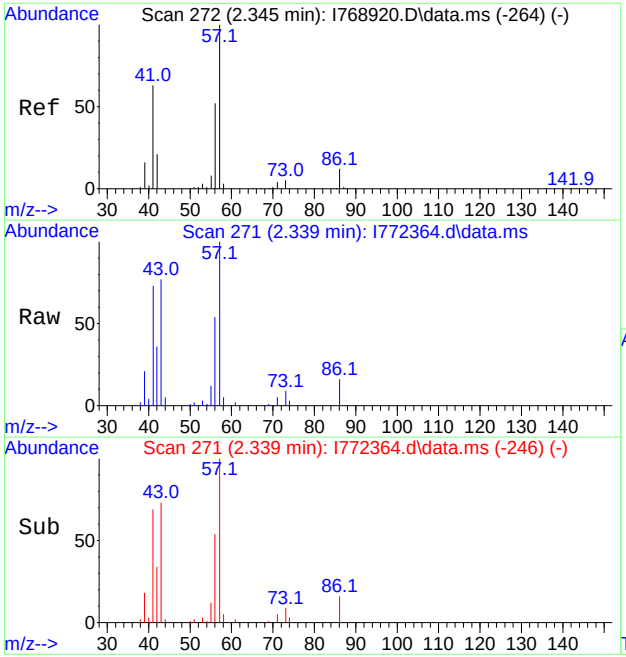


#21
trans-1,2-Dichloroethene
Concen: 23.5897 ug/L
RT: 2.302 min Scan# 265
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 61 Resp: 20776

Ion	Ratio	Lower	Upper
61	100		
96	68.0	28.4	88.4
98	44.7	5.8	65.8
63	30.8	1.5	61.5

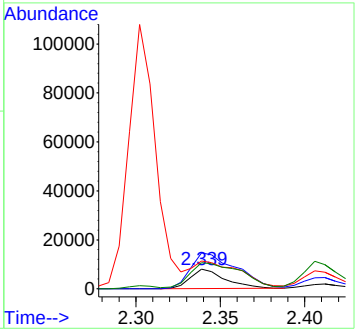


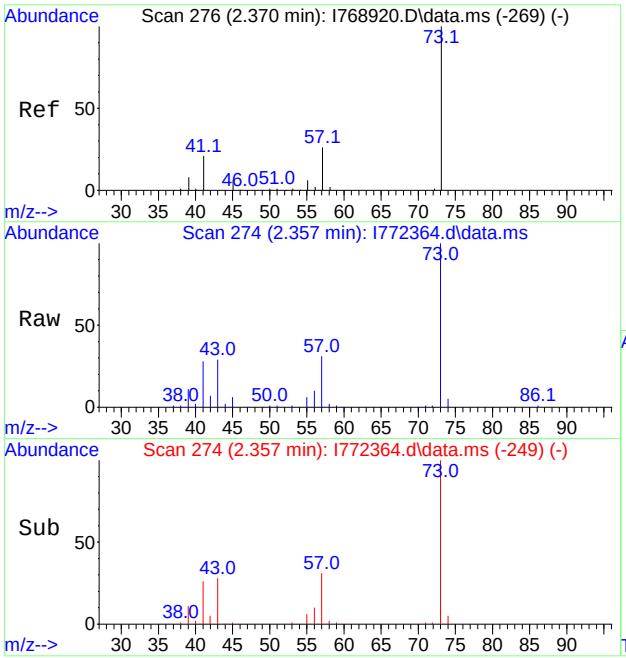


#22
Hexane
Concen: 24.0453 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 56 Resp: 11561

Ion	Ratio	Lower	Upper
56	100		
57	183.6	212.2	252.2#
43	127.7	148.9	188.9#
41	128.2	164.6	204.6#

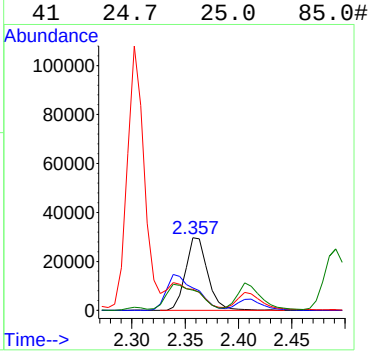


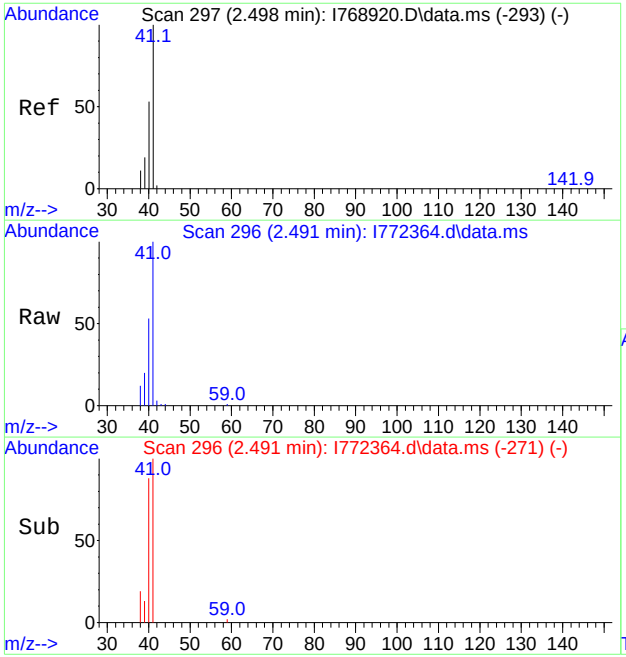


#23
Methyl Tert Butyl Ether
Concen: 22.0405 ug/L
RT: 2.357 min Scan# 274
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 73 Resp: 42929

Ion	Ratio	Lower	Upper
73	100		
57	29.8	34.2	94.2#
43	26.7	22.0	82.0
41	24.7	25.0	85.0#

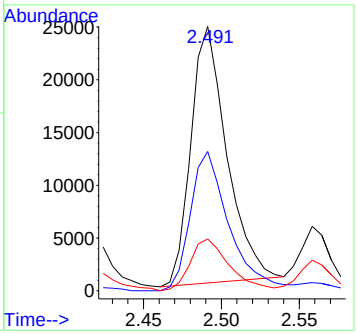


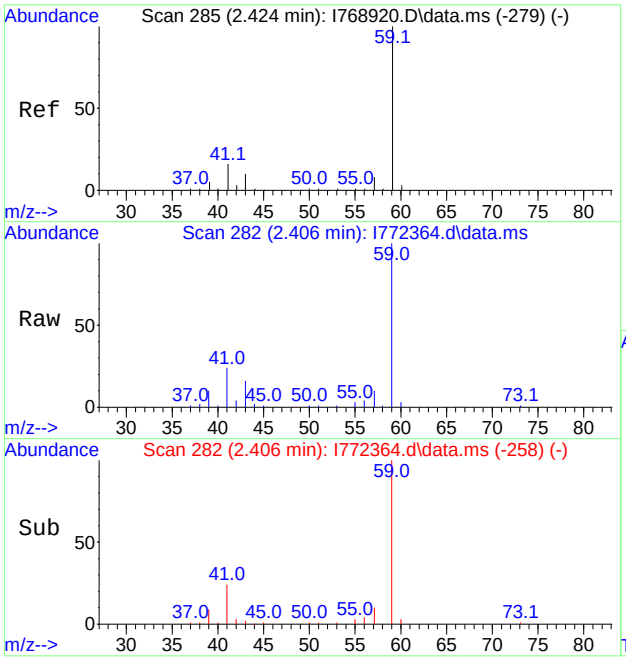


#24
Acetonitrile
Concen: 227.4304 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 41 Resp: 38930

Ion	Ratio	Lower	Upper
41	100		
40	53.5	35.0	75.0
39	20.0	0.0	40.0

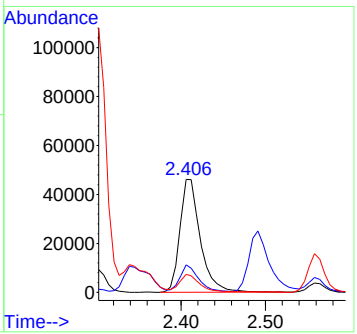


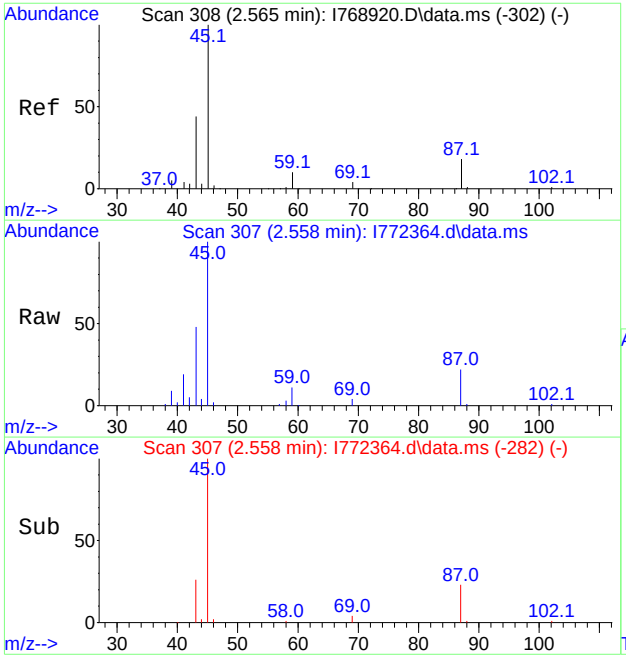


#25
Tert Butyl Alcohol
Concen: 259.9498 ug/L
RT: 2.406 min Scan# 282
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 59 Resp: 77325

Ion	Ratio	Lower	Upper
59	100		
41	19.7	8.6	48.6
43	15.9	5.3	45.3

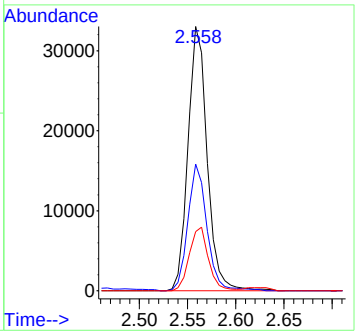


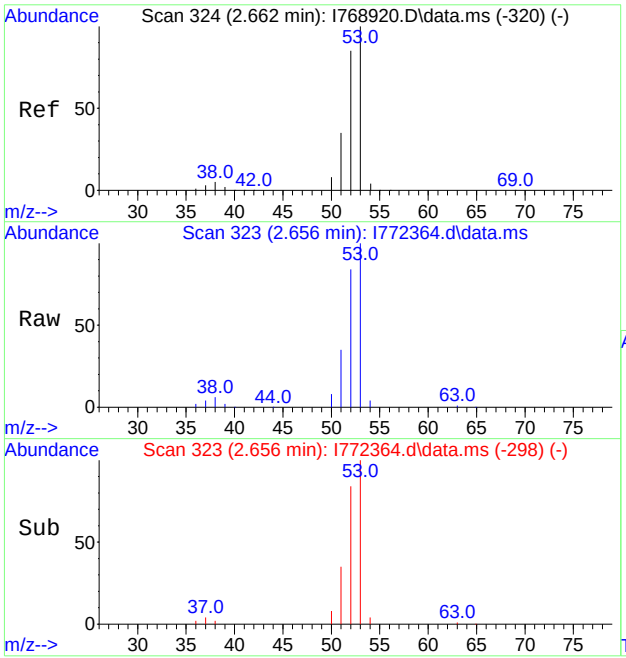


#26
Di-isopropyl ether
Concen: 22.7841 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 45 Resp: 45742

Ion	Ratio	Lower	Upper
45	100		
43	47.9	17.5	77.5
87	22.4	0.0	52.1

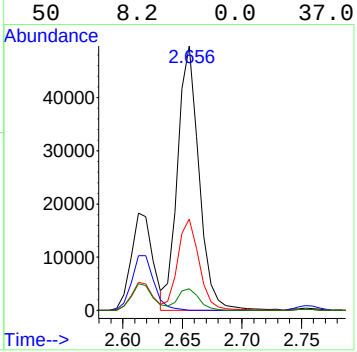


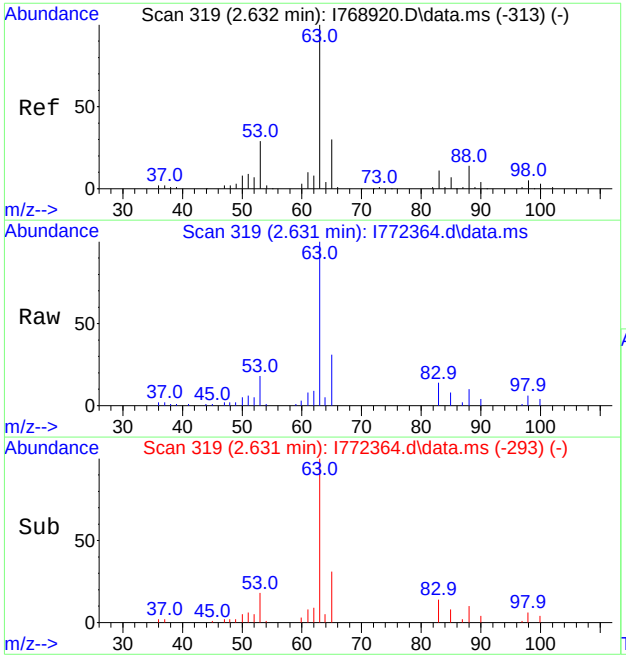


#27
Chloroprene
Concen: 26.3368 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 53 Resp: 62744

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	34.6	12.9	52.9
50	8.2	0.0	37.0

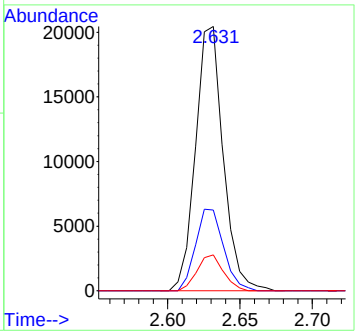


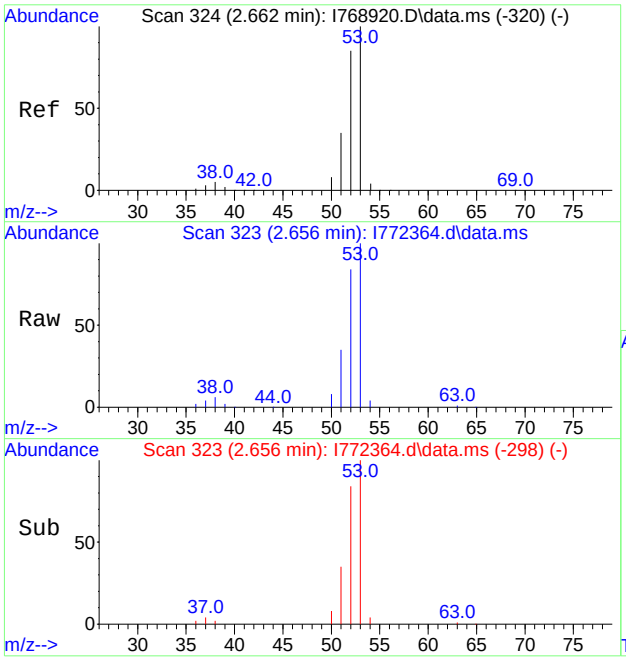


#28
1,1-Dichloroethane
Concen: 24.7886 ug/L
RT: 2.631 min Scan# 319
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 63 Resp: 27258

Ion	Ratio	Lower	Upper
63	100		
65	30.6	0.0	60.0
83	13.5	0.0	42.2

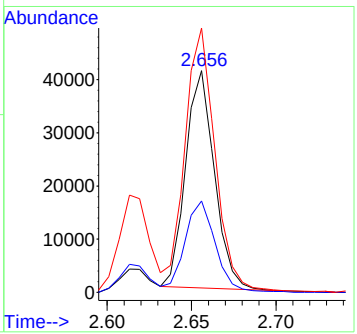


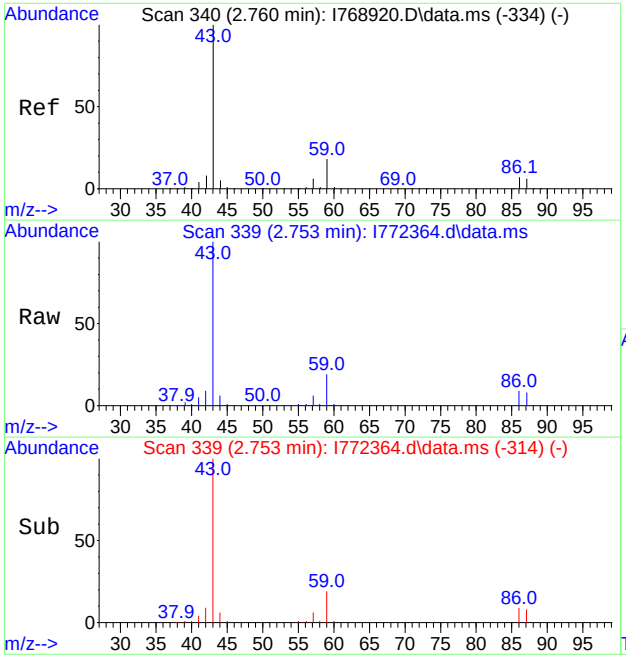


#29
Acrylonitrile
Concen: 124.8706 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 52 Resp: 48377

Ion	Ratio	Lower	Upper
52	100		
51	41.1	25.5	85.5
53	119.3	138.6	198.6#

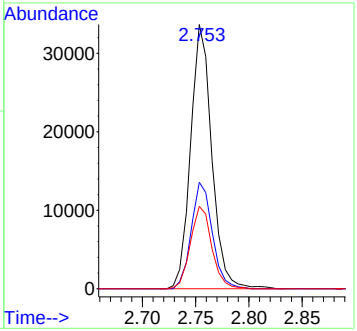


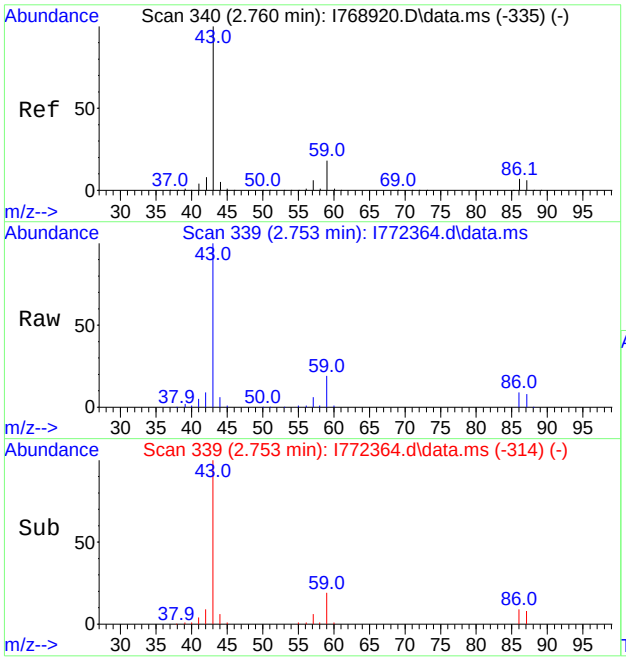


#30
ETBE
Concen: 23.4257 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 59 Resp: 46797

Ion	Ratio	Lower	Upper
59	100		
87	40.3	17.3	57.3
57	31.2	11.2	51.2

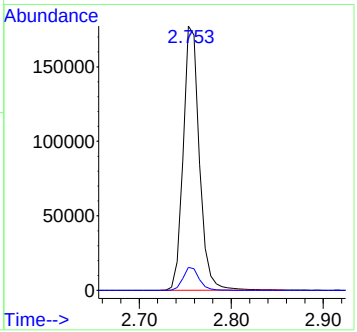


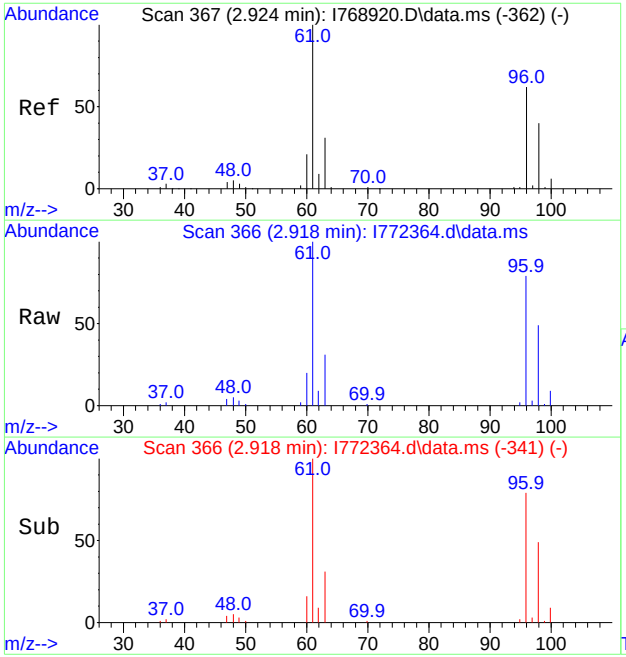


#31
Vinyl acetate
Concen: 120.5749 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 216392

Ion	Ratio	Lower	Upper
43	100		
42	8.7	0.0	38.9

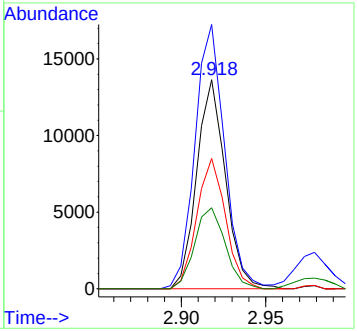


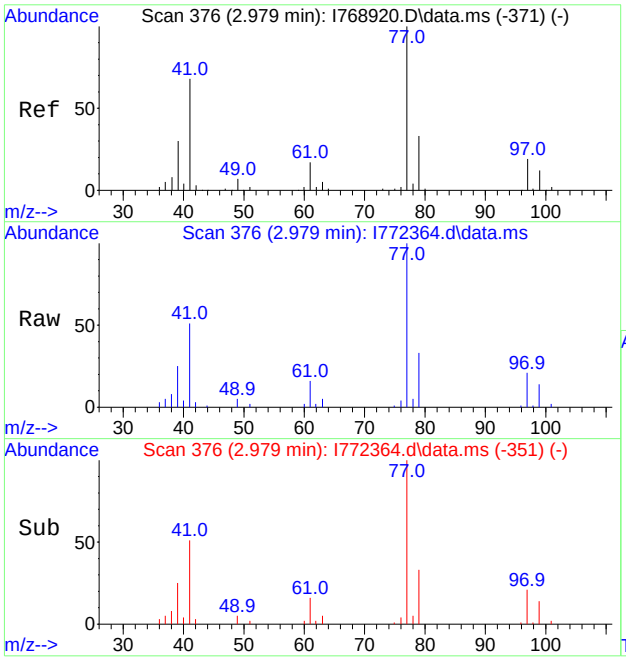


#32
cis-1,2-Dichloroethene
Concen: 26.3836 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 96 Resp: 16217

Ion	Ratio	Lower	Upper
96	100		
61	126.5	117.1	177.1
98	62.4	34.9	94.9
63	38.8	18.1	78.1

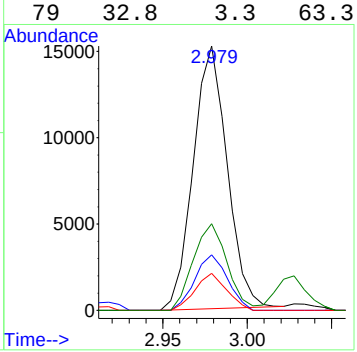


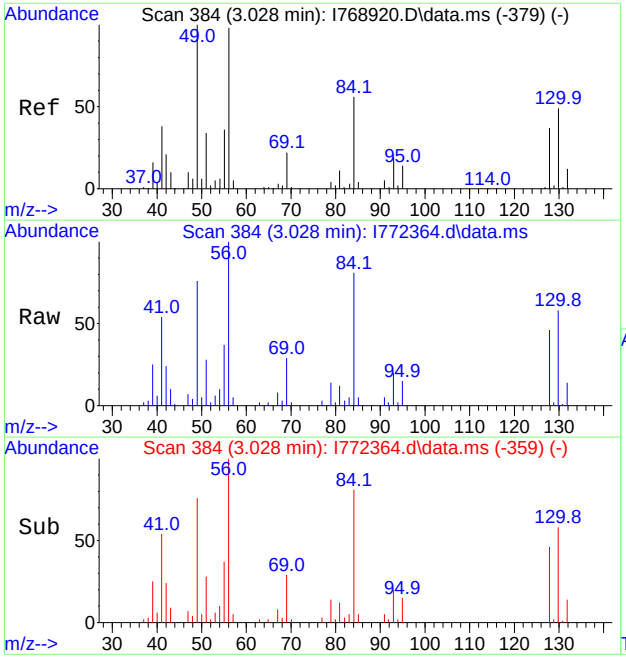


#33
2,2-Dichloropropane
Concen: 24.5118 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 77 Resp: 21309

Ion	Ratio	Lower	Upper
77	100		
97	21.0	0.0	50.9
99	14.0	0.0	43.6
79	32.8	3.3	63.3

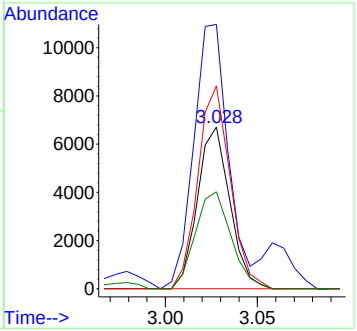


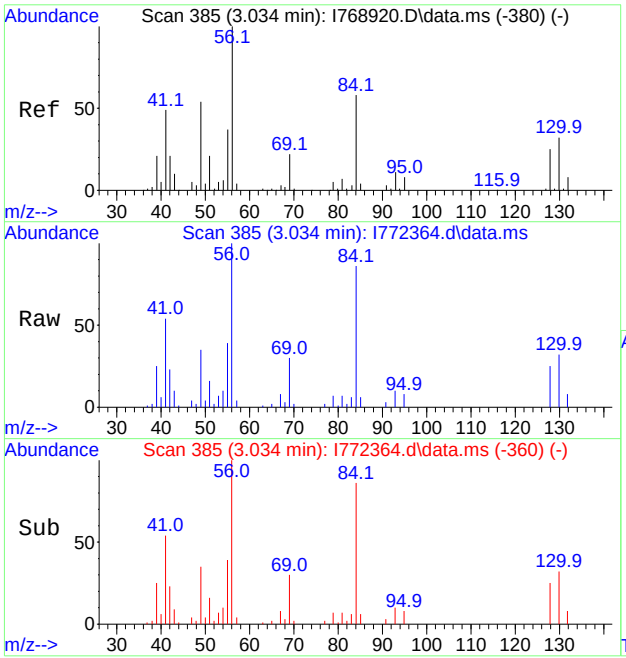


#34
Bromochloromethane
Concen: 26.9216 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:128 Resp: 8214

Ion	Ratio	Lower	Upper
128	100		
49	163.5	157.0	217.0
130	125.4	94.7	154.7
51	60.0	30.2	90.2

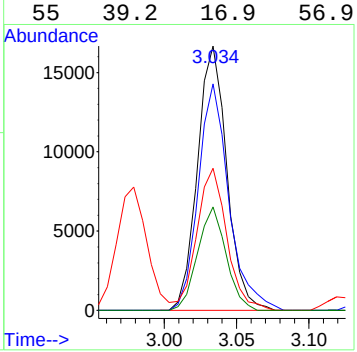


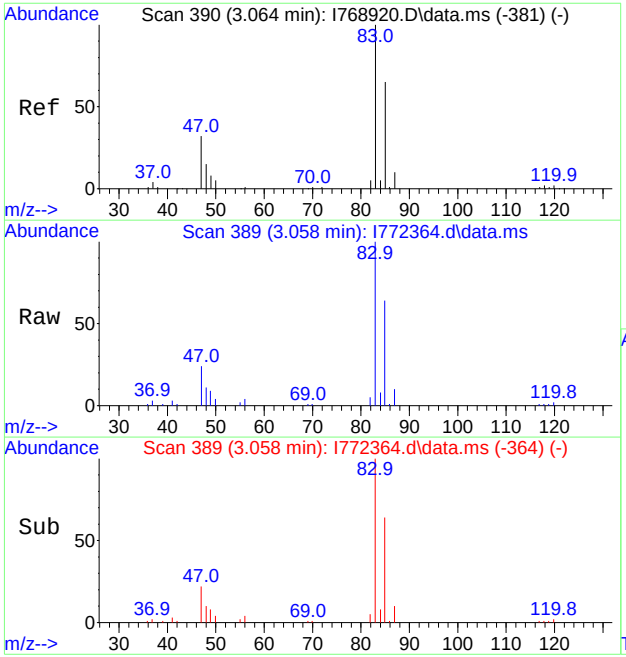


#35
Cyclohexane
Concen: 26.1485 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 56 Resp: 23651

Ion	Ratio	Lower	Upper
56	100		
84	85.6	56.7	96.7
41	53.7	37.5	77.5
55	39.2	16.9	56.9

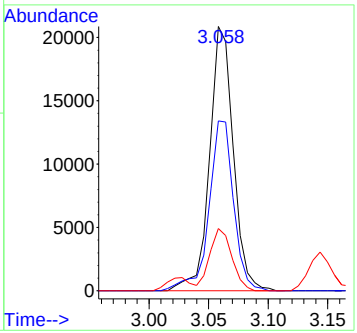


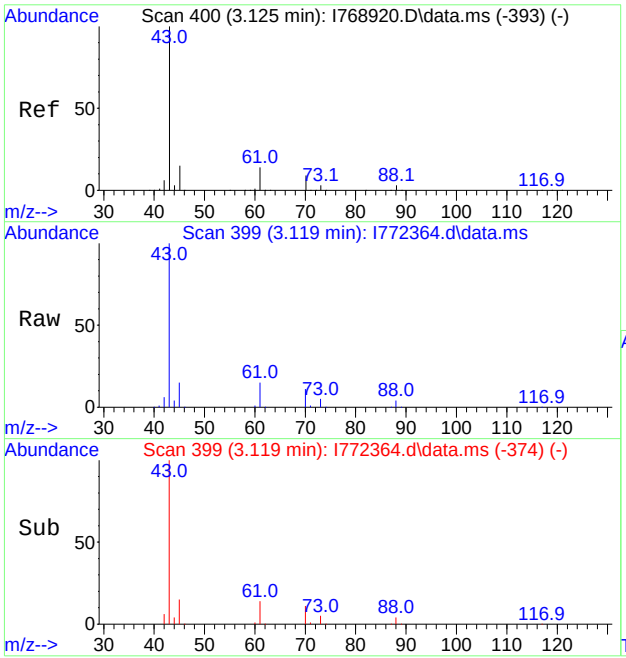


#36
Chloroform
Concen: 25.2495 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 83 Resp: 28879

Ion	Ratio	Lower	Upper
83	100		
85	64.2	37.0	97.0
47	23.5	0.0	57.9

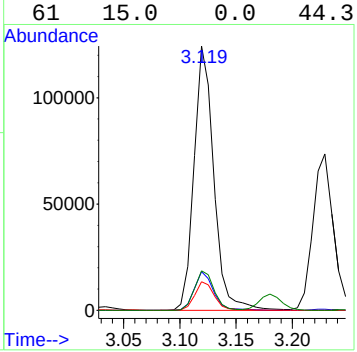


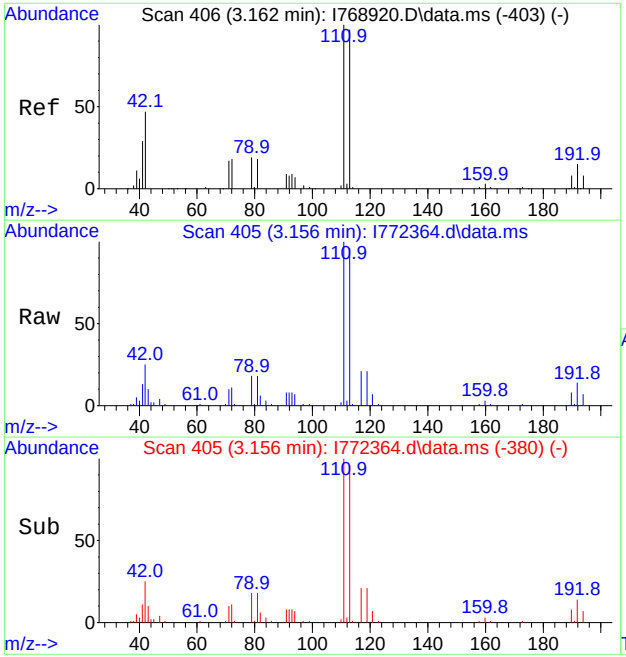


#37
Ethyl acetate
Concen: 118.4971 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 152713

Ion	Ratio	Lower	Upper
43	100		
45	14.6	0.0	44.8
70	10.8	0.0	40.6
61	15.0	0.0	44.3

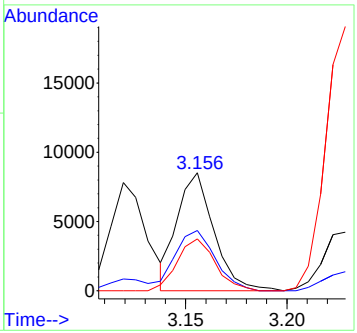


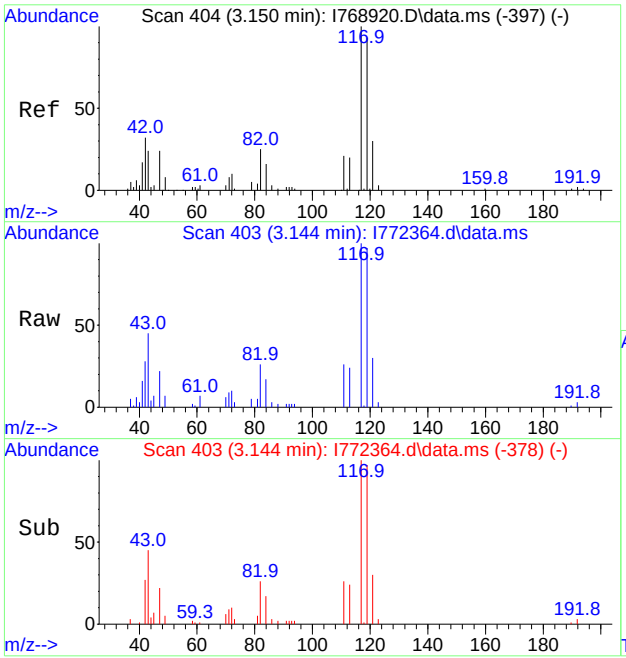


#38
Tetrahydrofuran
Concen: 21.4793 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 42 Resp: 10755

Ion	Ratio	Lower	Upper
42	100		
41	51.1	37.6	77.6
72	44.1	16.5	56.5

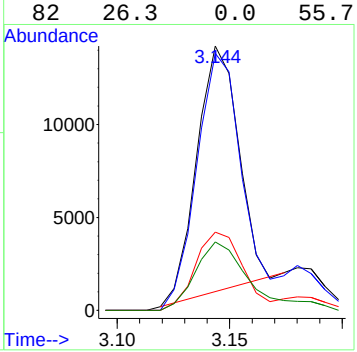


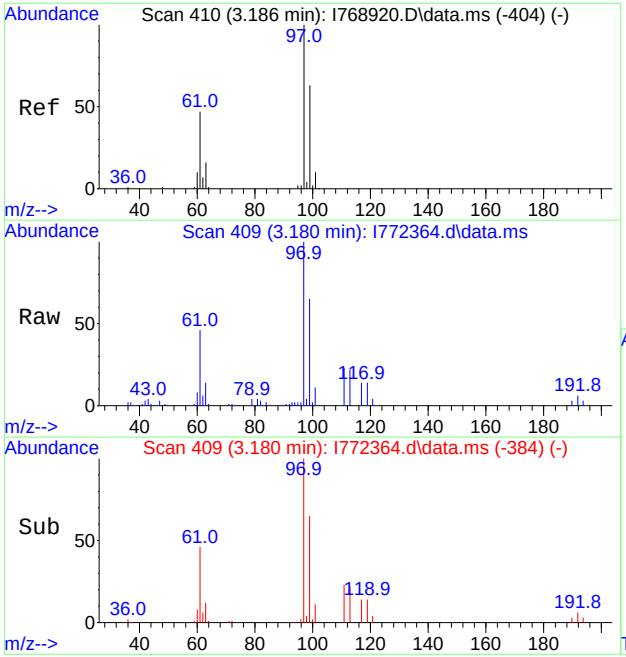


#40
Carbon Tetrachloride
Concen: 22.8267 ug/L
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:117 Resp: 17312

Ion	Ratio	Lower	Upper
117	100		
119	98.6	65.5	125.5
121	30.0	0.0	59.4
82	26.3	0.0	55.7

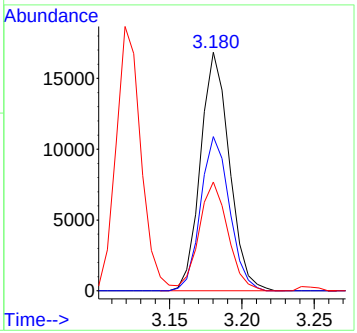


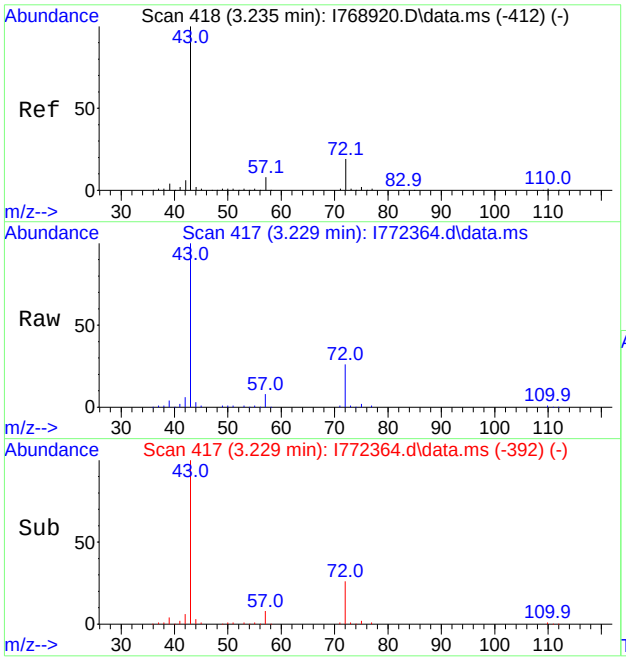


#41
1,1,1-Trichloroethane
Concen: 26.8167 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 97 Resp: 23387

Ion	Ratio	Lower	Upper
97	100		
99	64.7	32.6	92.6
61	45.6	21.2	81.2

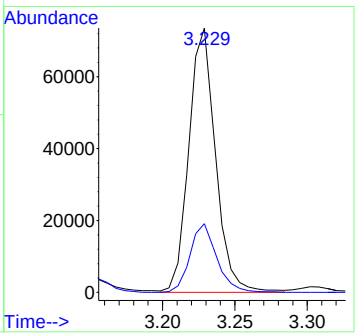


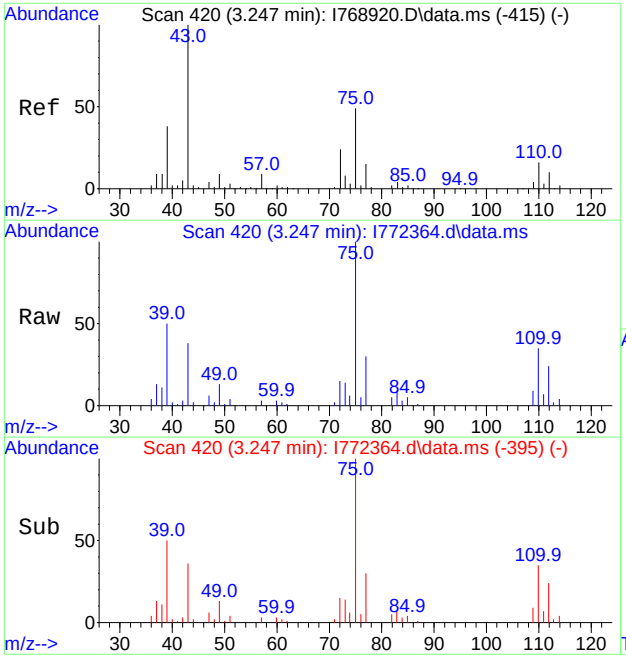


#42
2-Butanone
Concen: 120.9113 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 94600

Ion	Ratio	Lower	Upper
43	100		
72	26.1	0.0	51.3

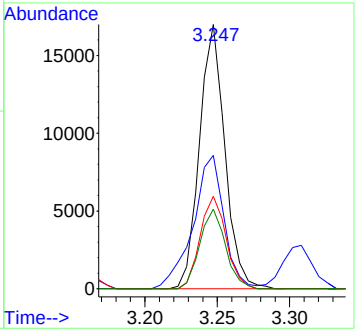


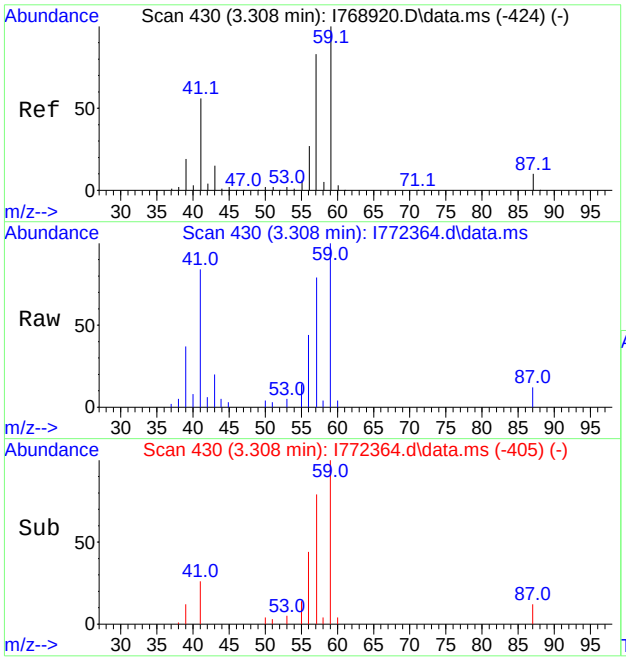


#43
1,1-Dichloropropene
Concen: 29.6243 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 75 Resp: 20810

Ion	Ratio	Lower	Upper
75	100		
39	49.0	36.7	96.7
110	35.0	4.9	64.9
77	30.1	0.9	60.9

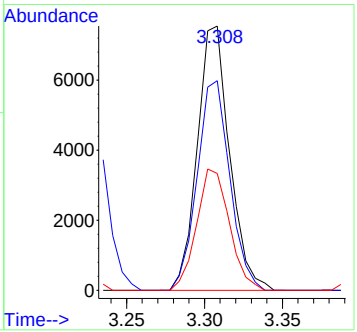


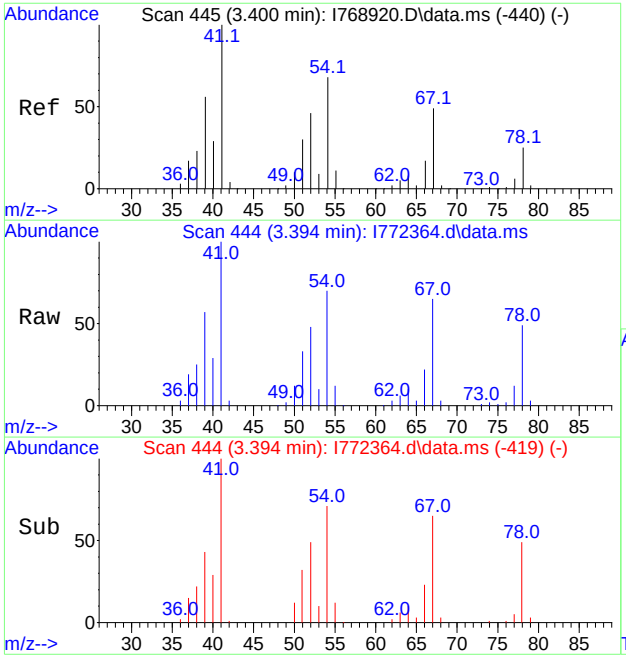


#44
tert-Butyl formate
Concen: 17.5616 ug/L
RT: 3.308 min Scan# 430
Delta R.T. 0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 59 Resp: 10865

Ion	Ratio	Lower	Upper
59	100		
57	79.3	59.2	99.2
56	44.2	6.0	46.0

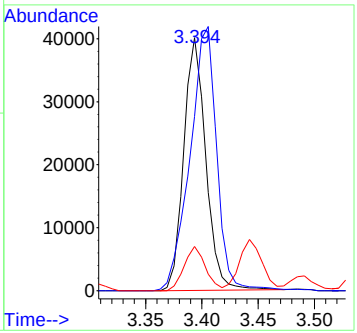


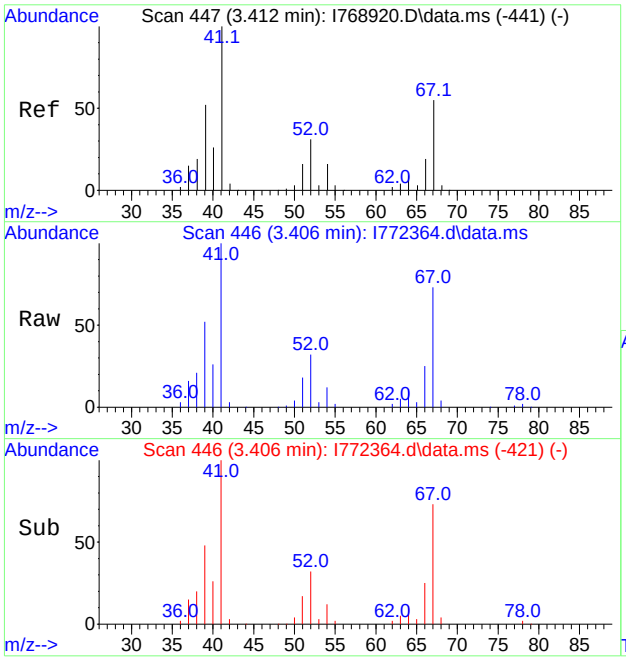


#45
Propionitrile
Concen: 249.2503 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 54 Resp: 54705

Ion	Ratio	Lower	Upper
54	100		
52	68.3	1.6	41.6#
55	17.5	0.0	34.8

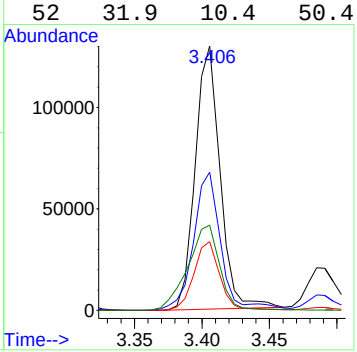


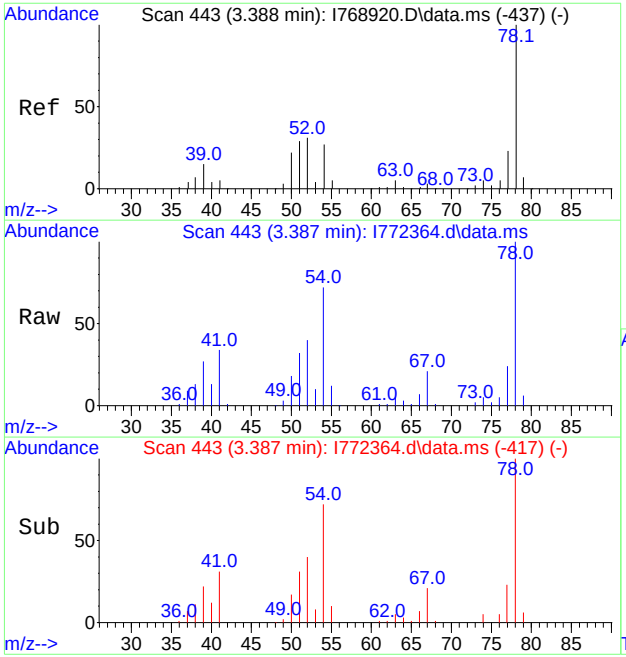


#46
Methacrylonitrile
Concen: 236.9641 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 41 Resp: 166402

Ion	Ratio	Lower	Upper
41	100		
39	51.6	36.3	76.3
40	25.9	5.3	45.3
52	31.9	10.4	50.4

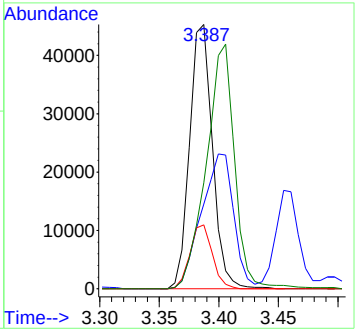


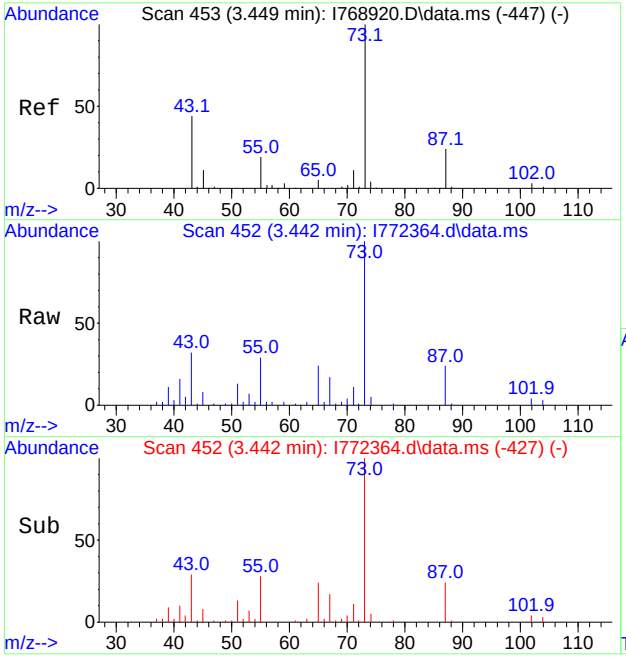


#47
Benzene
Concen: 26.1752 ug/L
RT: 3.387 min Scan# 443
Delta R.T. 0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 78 Resp: 60518

Ion	Ratio	Lower	Upper
78	100		
51	32.0	0.0	51.7
77	24.2	0.0	53.1
52	40.1	0.0	54.6

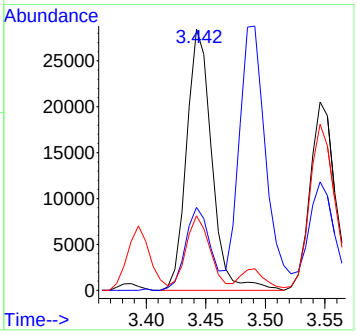


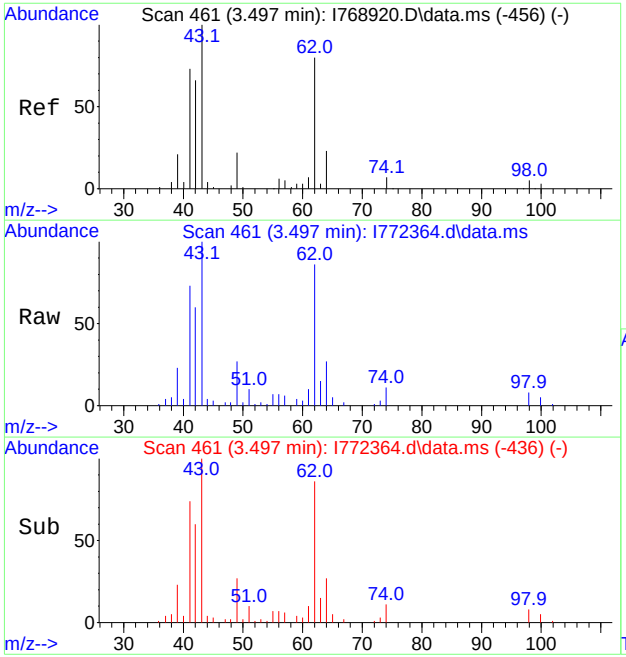


#48
TAME
Concen: 23.3578 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 73 Resp: 41820

Ion	Ratio	Lower	Upper
73	100		
43	31.8	52.3	92.3#
55	27.5	8.3	48.3

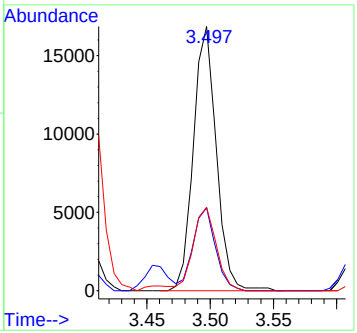


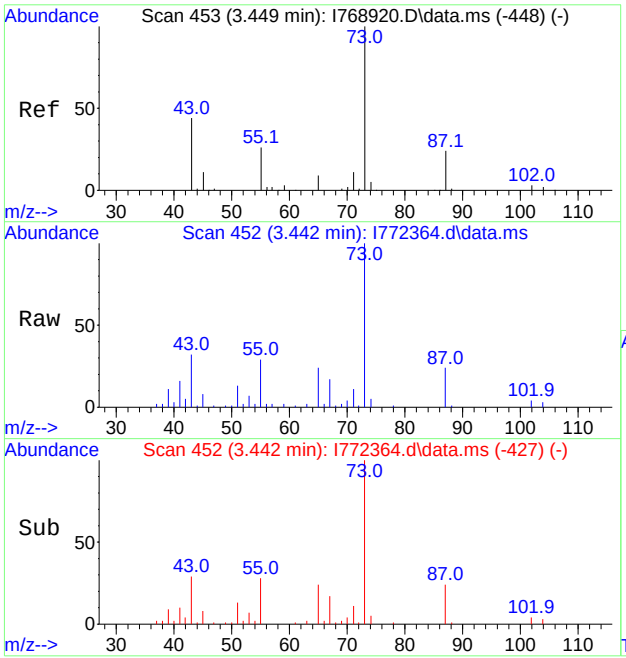


#50
1,2-Dichloroethane
Concen: 23.4823 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 62 Resp: 21291

Ion	Ratio	Lower	Upper
62	100		
49	31.3	0.0	59.2
64	31.6	1.9	61.9

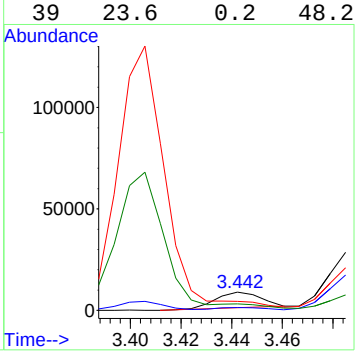


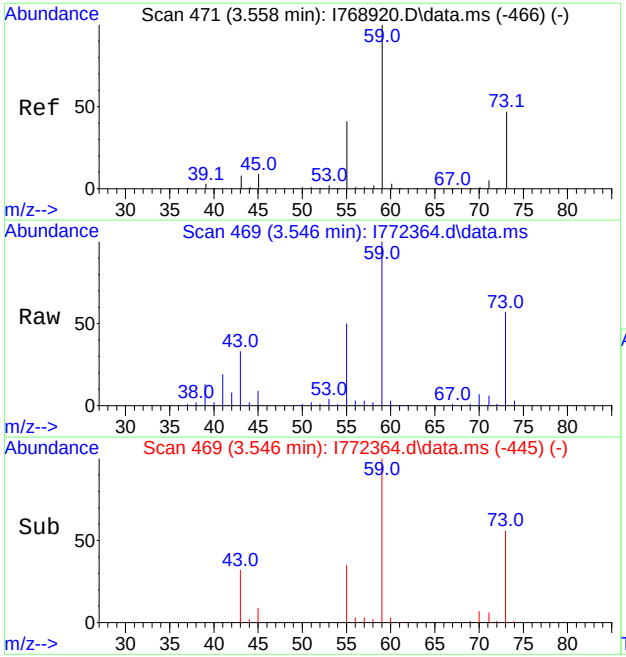


#51
Isobutyl Alcohol
Concen: 352.7280 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 9698

Ion	Ratio	Lower	Upper
43	100		
42	12.0	0.0	92.6
41	32.4	0.0	121.9
39	23.6	0.2	48.2

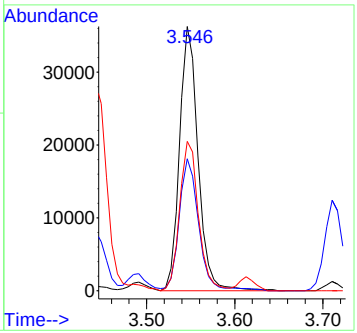


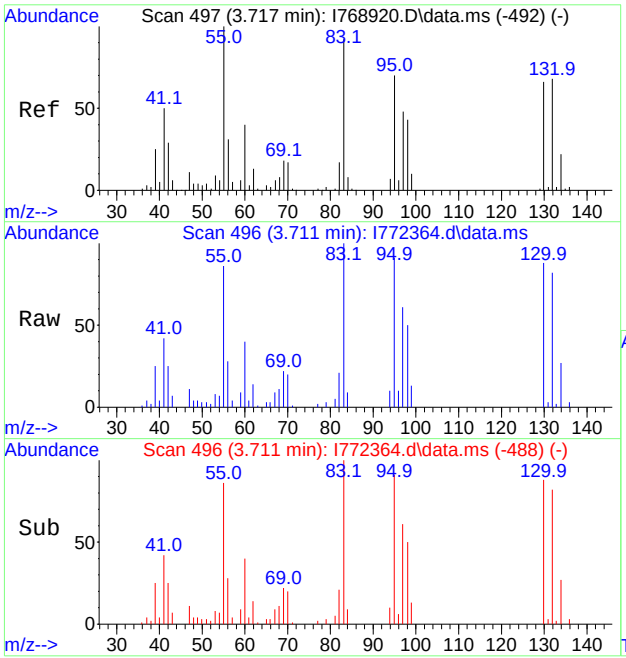


#52
Tert Amyl Alcohol
Concen: 230.4240 ug/L
RT: 3.546 min Scan# 469
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 59 Resp: 52970

Ion	Ratio	Lower	Upper
59	100		
55	49.9	13.4	73.4
73	56.5	26.6	86.6

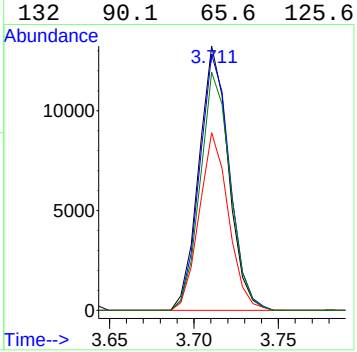


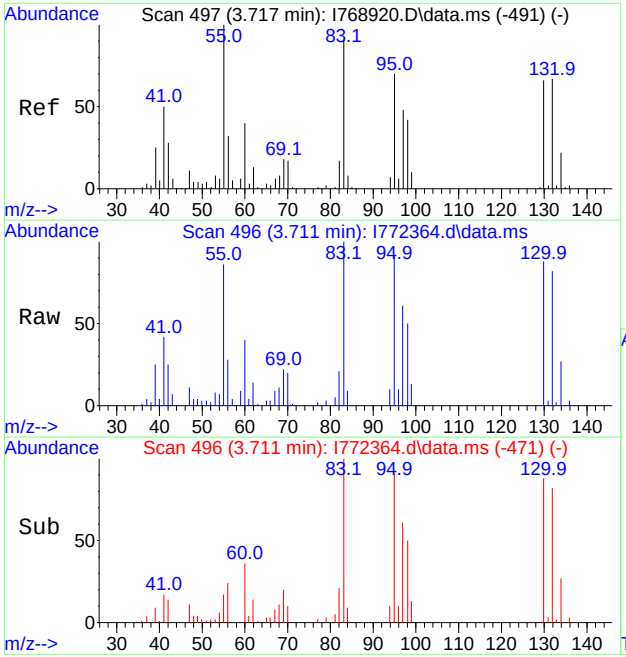


#53
Trichloroethene
Concen: 25.8578 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 95 Resp: 16141

Ion	Ratio	Lower	Upper
95	100		
130	96.9	64.6	124.6
97	67.2	34.7	94.7
132	90.1	65.6	125.6

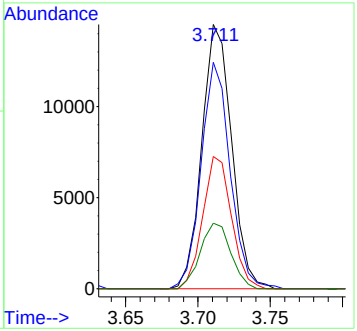


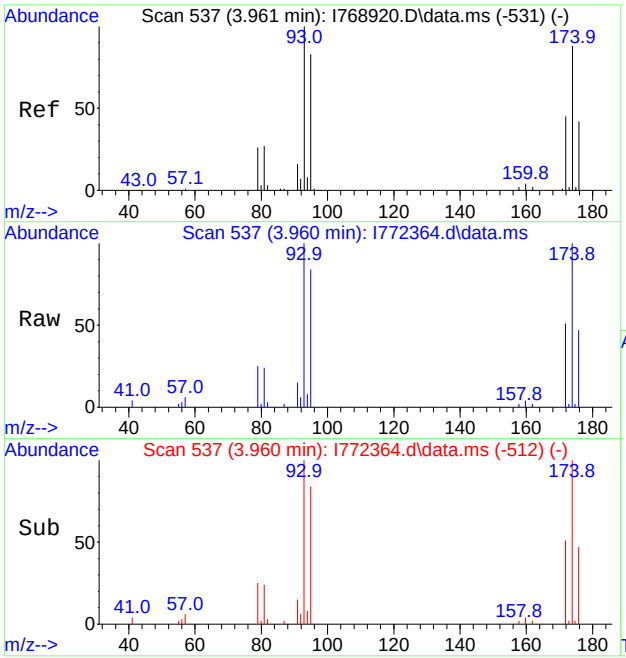


#54
Methylcyclohexane
Concen: 27.4782 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 83 Resp: 20874

Ion	Ratio	Lower	Upper
83	100		
55	85.6	70.4	110.4
98	50.0	25.0	65.0
42	24.8	7.7	47.7

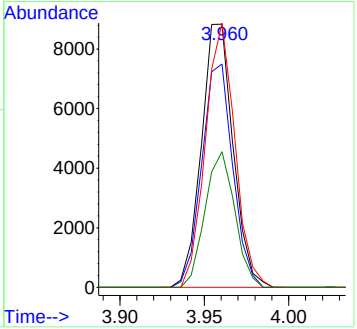


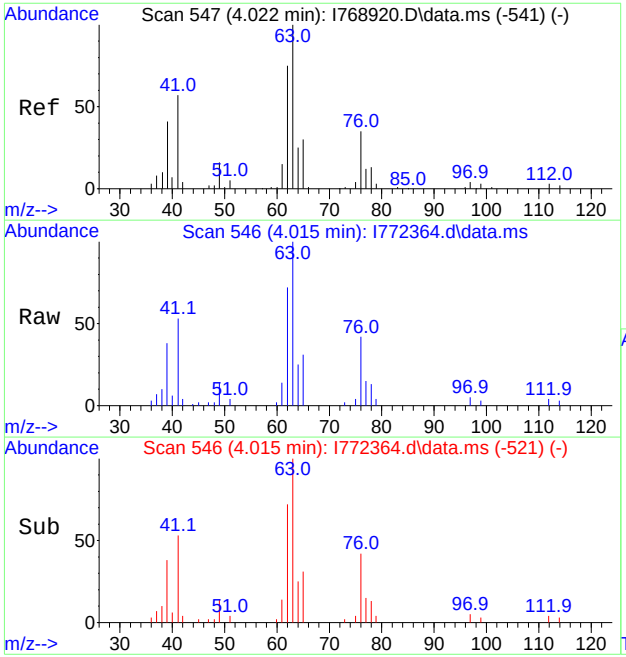


#55
Dibromomethane
Concen: 26.0629 ug/L
RT: 3.960 min Scan# 537
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 93 Resp: 11608

Ion	Ratio	Lower	Upper
93	100		
95	84.8	51.8	111.8
174	100.4	61.6	121.6
172	51.5	19.1	79.1

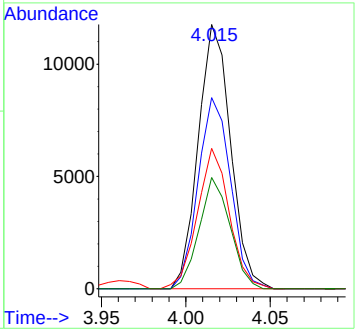


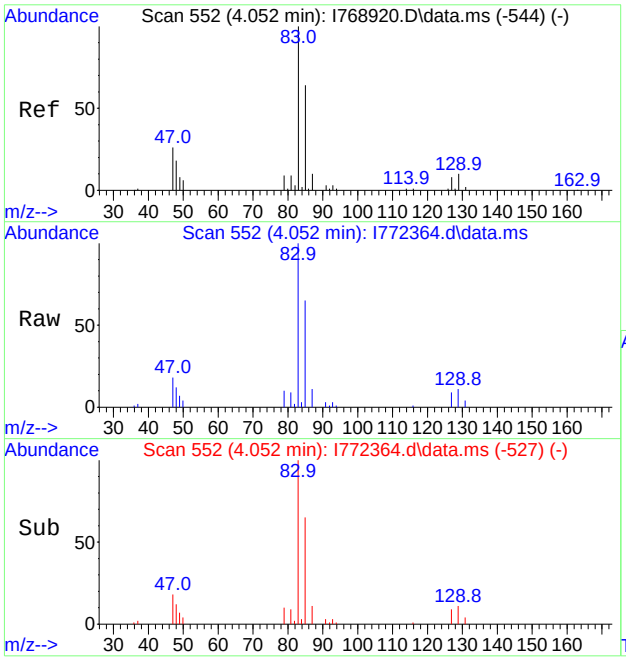


#56
1,2-Dichloropropane
Concen: 25.6847 ug/L
RT: 4.015 min Scan# 546
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 63 Resp: 15754

Ion	Ratio	Lower	Upper
63	100		
62	72.3	39.2	99.2
41	53.1	28.0	88.0
76	42.1	9.6	69.6

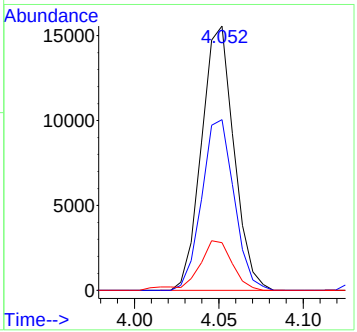


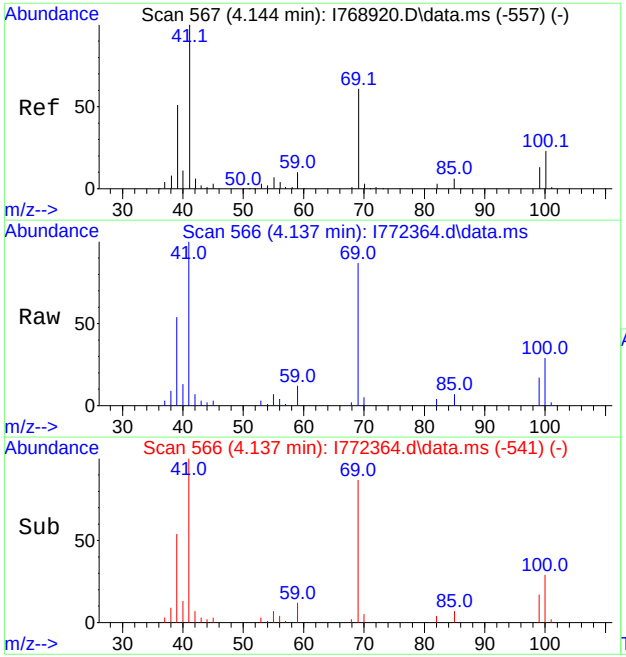


#57
Bromodichloromethane
Concen: 23.9364 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 83 Resp: 20803

Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.2	84.0
47	18.1	14.9	27.7

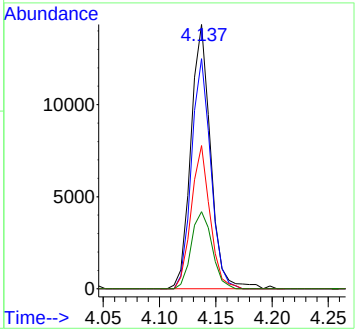


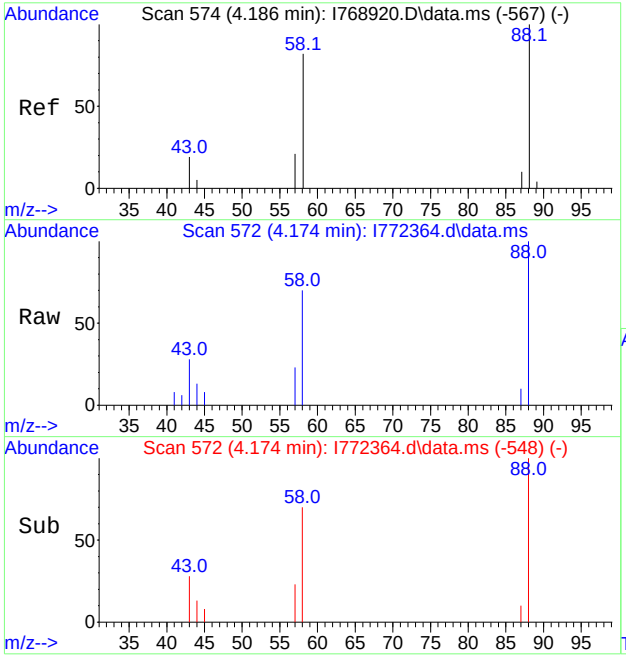


#58
Methyl methacrylate
Concen: 22.5881 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 41 Resp: 17543

Ion	Ratio	Lower	Upper
41	100		
69	87.1	49.4	89.4
39	54.2	38.8	78.8
100	29.2	4.5	44.5

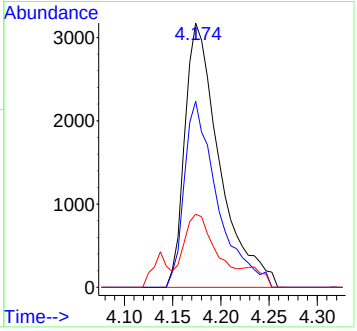


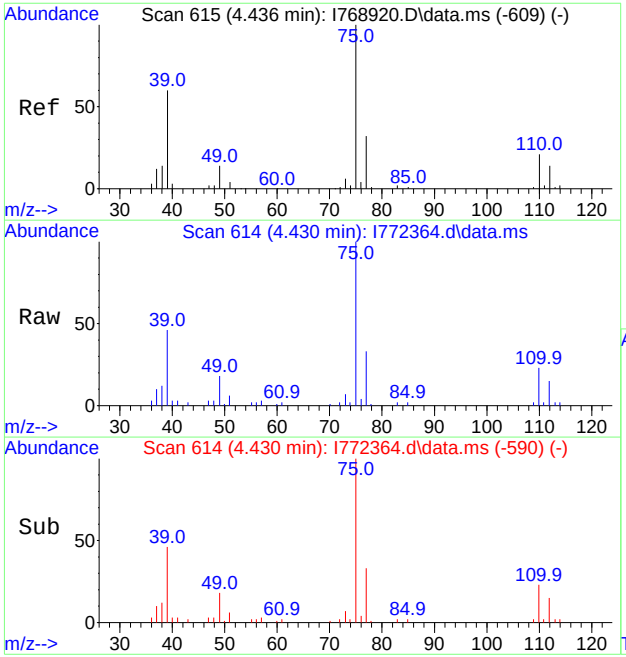


#59
1,4-Dioxane
Concen: 474.6337 ug/L
RT: 4.174 min Scan# 572
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 88 Resp: 7986

Ion	Ratio	Lower	Upper
88	100		
58	70.4	41.6	101.6
43	27.7	5.0	65.0

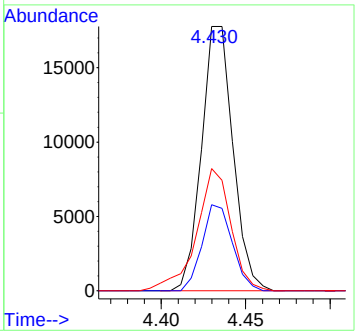


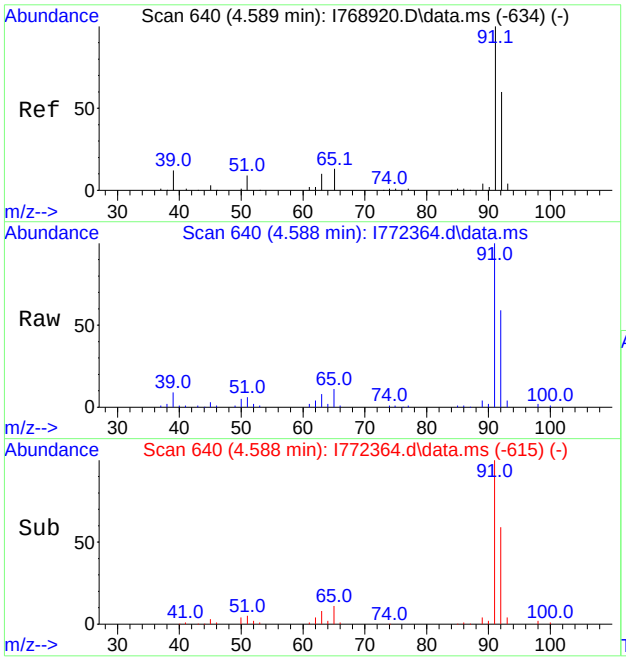


#61
cis-1,3-Dichloropropene
Concen: 23.8384 ug/L
RT: 4.430 min Scan# 614
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 75 Resp: 23191

Ion	Ratio	Lower	Upper
75	100		
77	32.6	2.0	62.0
39	46.2	27.8	87.8

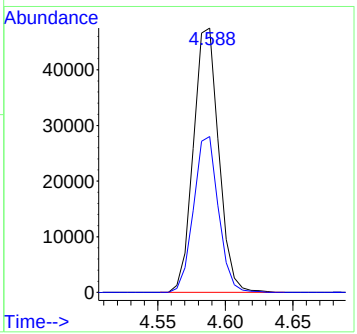


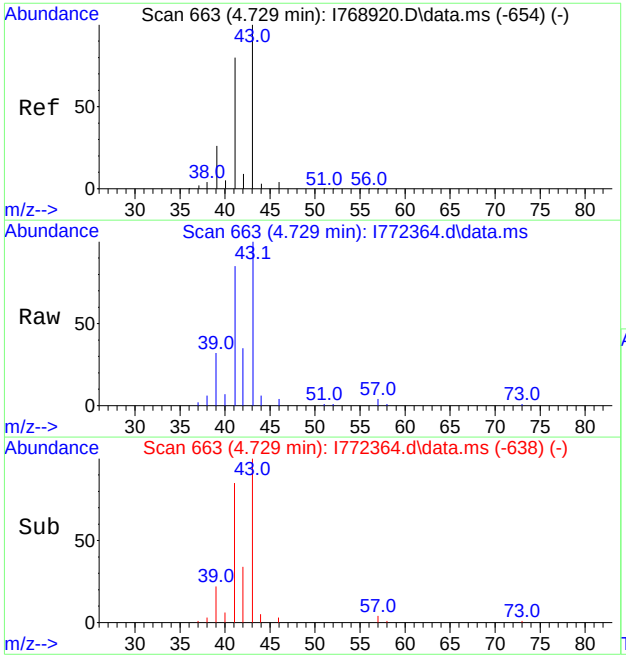


#64
Toluene
Concen: 25.3257 ug/L
RT: 4.588 min Scan# 640
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 62071

Ion	Ratio	Lower	Upper
91	100		
92	58.9	28.4	88.4

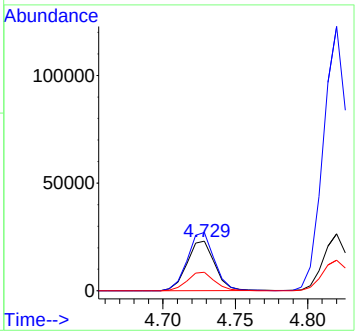


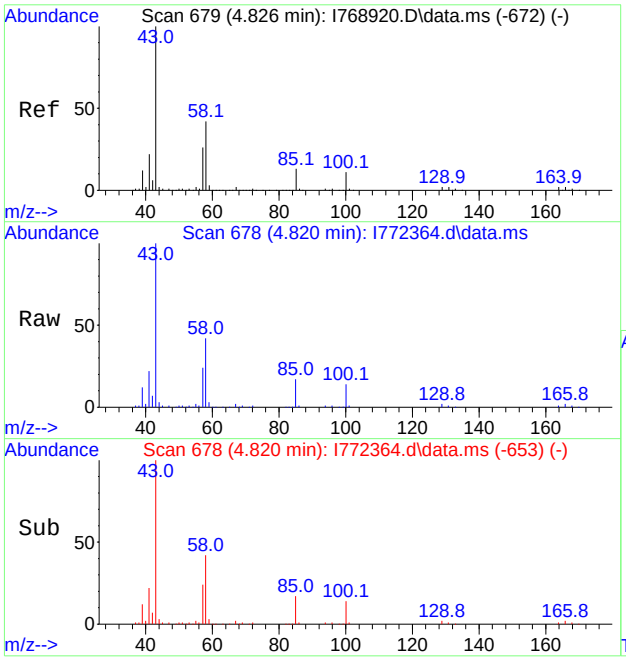


#65
2-Nitropropane
Concen: 97.6815 ug/L
RT: 4.729 min Scan# 663
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 41 Resp: 30718

Ion	Ratio	Lower	Upper
41	100		
43	117.5	97.6	137.6
39	37.3	16.3	56.3

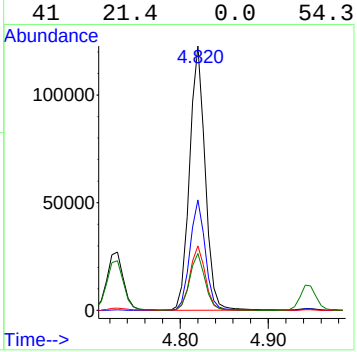


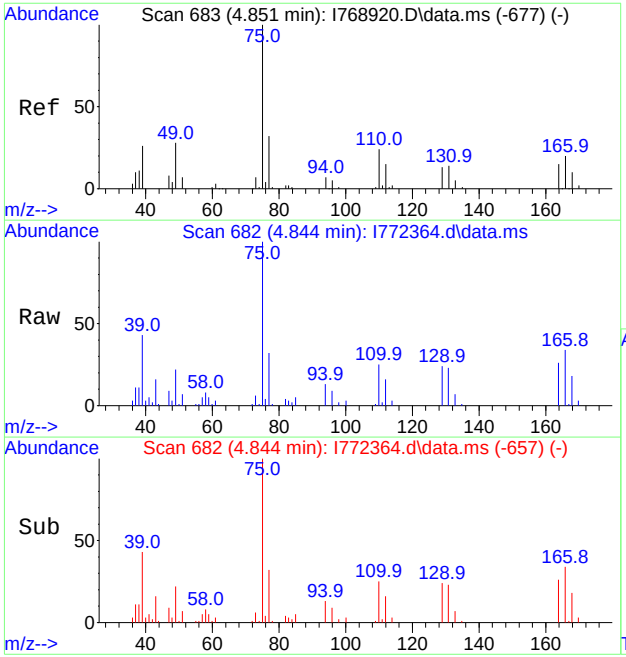


#66
4-Methyl-2-pentanone
Concen: 122.4697 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 151249

Ion	Ratio	Lower	Upper
43	100		
58	41.7	8.5	68.5
57	24.4	0.0	55.2
41	21.4	0.0	54.3

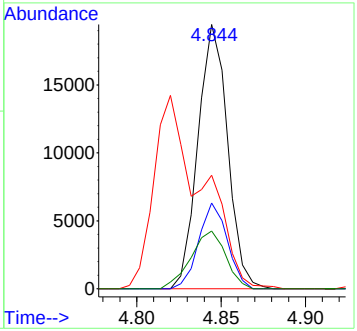


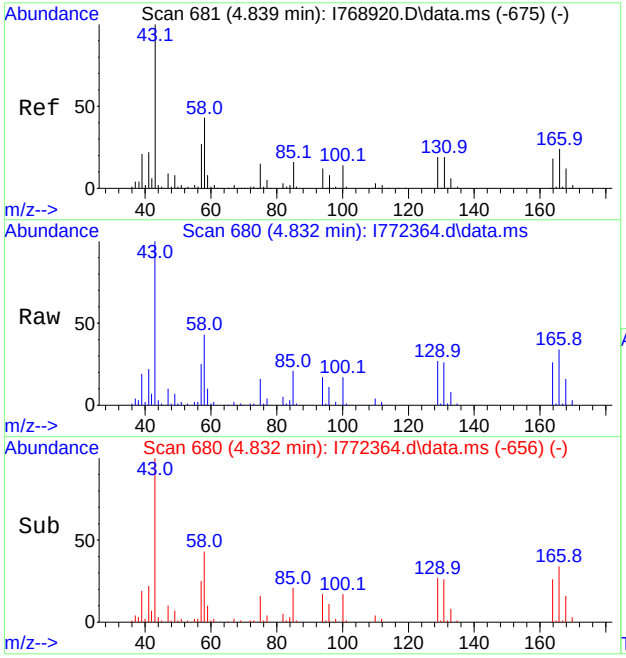


#67
trans-1,3-Dichloropropene
Concen: 24.0209 ug/L
RT: 4.844 min Scan# 682
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 75 Resp: 23795

Ion	Ratio	Lower	Upper
75	100		
77	32.4	2.0	62.0
39	42.9	29.3	89.3
49	21.9	0.0	54.5

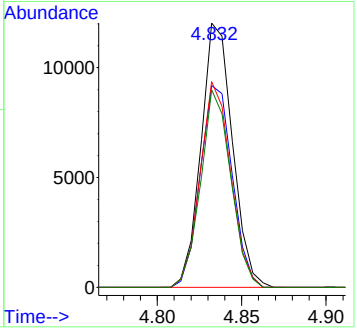


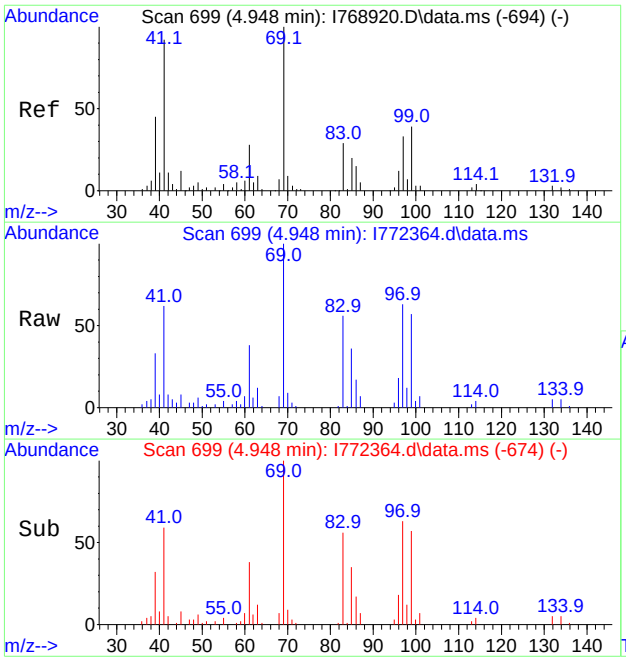


#68
Tetrachloroethene
Concen: 27.9231 ug/L
RT: 4.832 min Scan# 680
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:166 Resp: 15659

Ion	Ratio	Lower	Upper
166	100		
164	76.3	45.5	105.5
129	77.8	37.2	97.2
131	74.7	37.4	97.4

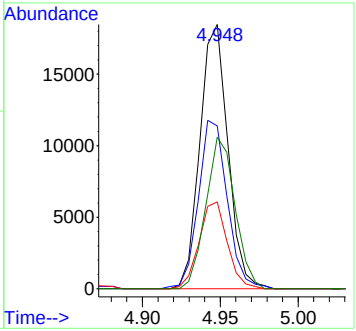


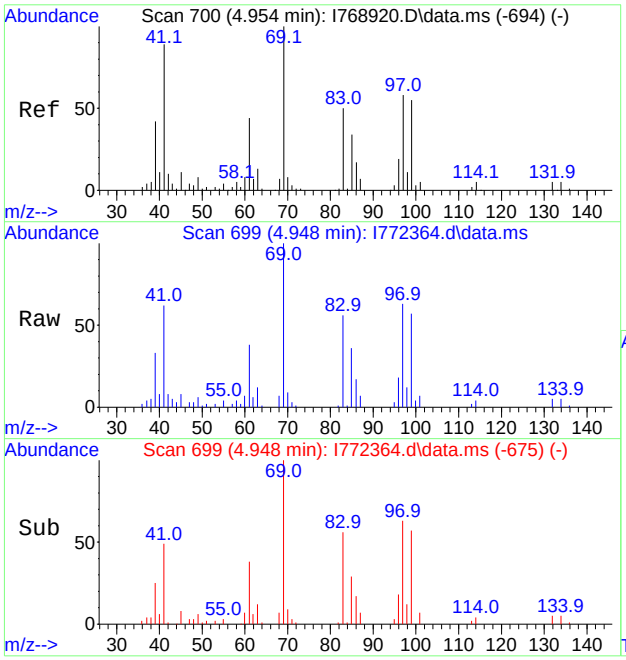


#69
Ethyl methacrylate
Concen: 25.7708 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 69 Resp: 23078

Ion	Ratio	Lower	Upper
69	100		
41	61.5	60.5	100.5
39	32.9	24.1	64.1
99	57.4	14.1	54.1#

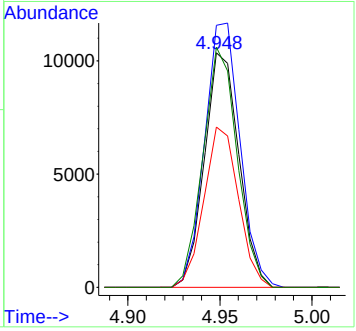


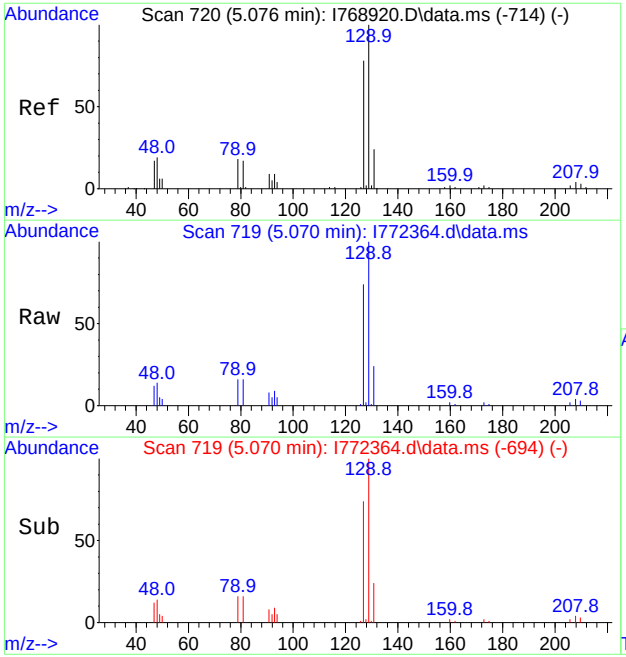


#70
1,1,2-Trichloroethane
Concen: 26.2950 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 83 Resp: 13573

Ion	Ratio	Lower	Upper
83	100		
97	111.6	83.1	143.1
61	68.3	44.3	104.3
99	102.3	53.2	113.2

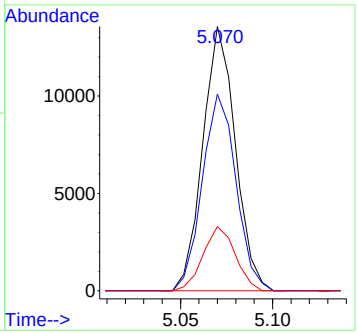


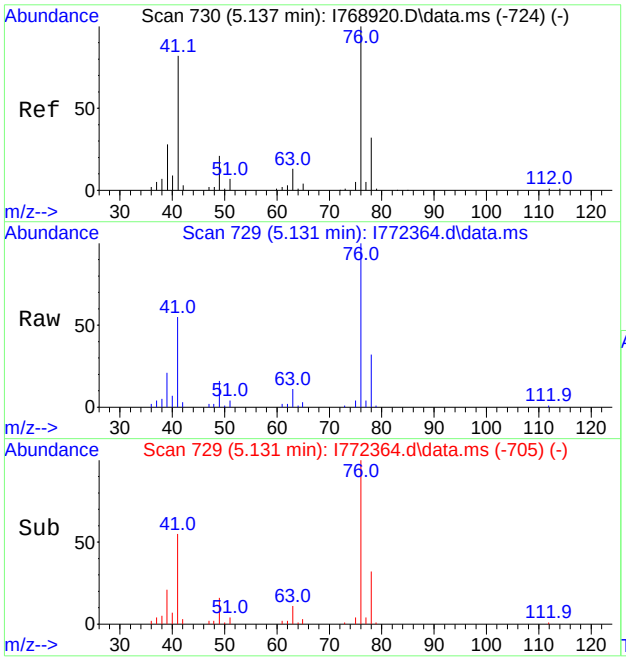


#71
Dibromochloromethane
Concen: 25.5604 ug/L
RT: 5.070 min Scan# 719
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:129 Resp: 16727

Ion	Ratio	Lower	Upper
129	100		
127	74.4	45.3	105.3
131	24.3	0.0	54.1

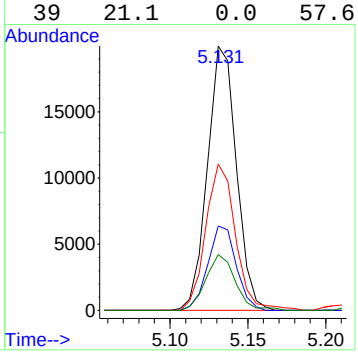


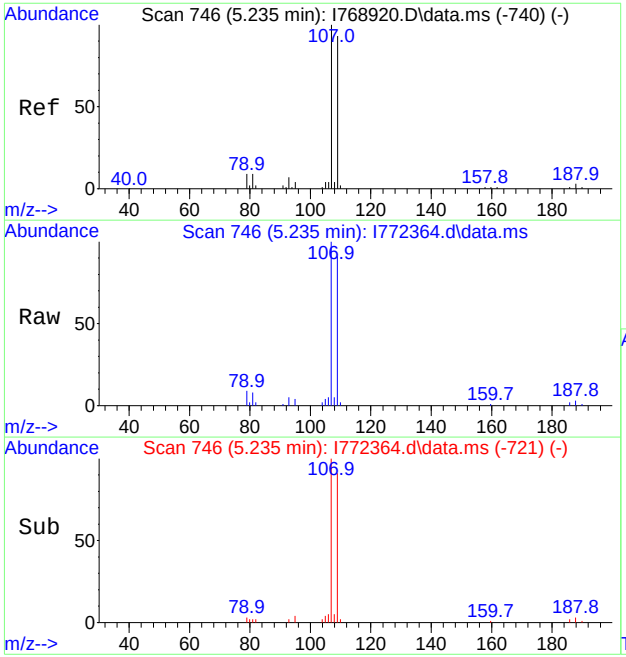


#72
1,3-Dichloropropane
Concen: 25.2537 ug/L
RT: 5.131 min Scan# 729
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 76 Resp: 25744

Ion	Ratio	Lower	Upper
76	100		
78	32.0	2.2	62.2
41	55.4	40.8	100.8
39	21.1	0.0	57.6

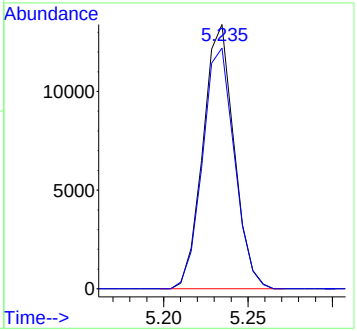


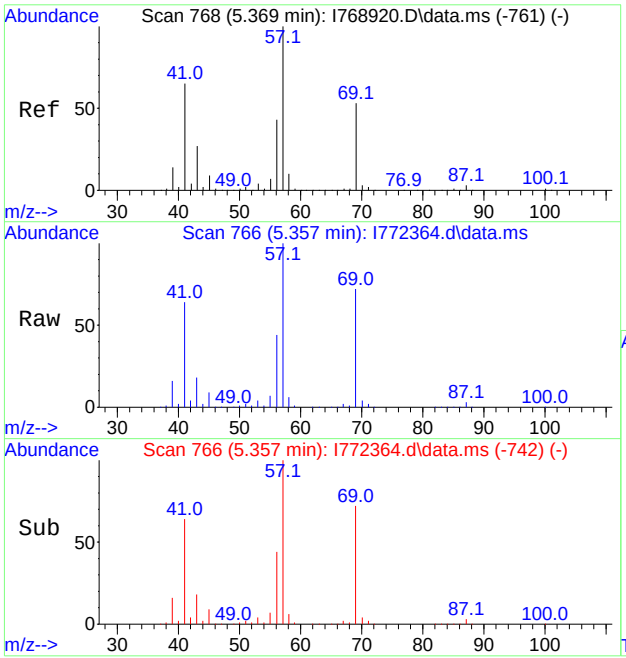


#73
1,2-Dibromoethane
Concen: 25.3899 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:107 Resp: 17161

Ion	Ratio	Lower	Upper
107	100		
109	91.0	64.8	124.8

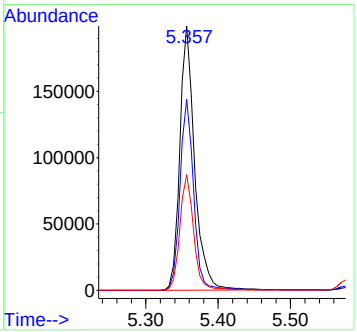


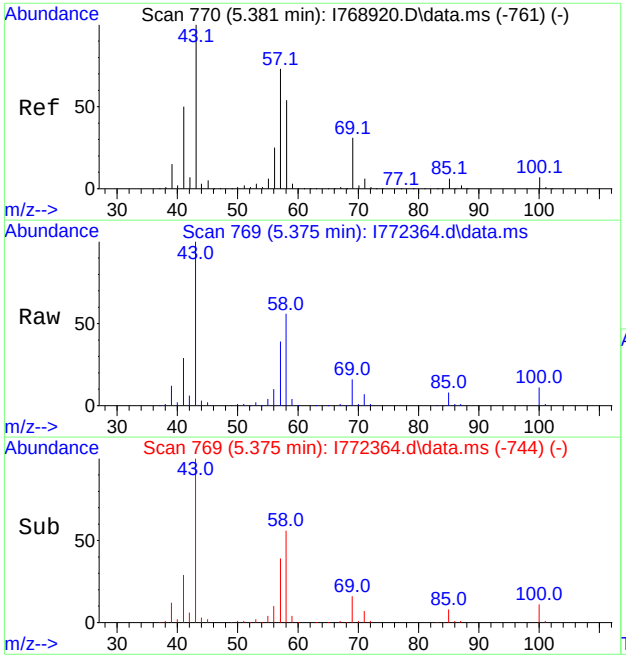


#74
3,3-Dimethyl-1-Butanol
Concen: 1107.4862 ug/L
RT: 5.357 min Scan# 766
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 57 Resp: 282789

Ion	Ratio	Lower	Upper
57	100		
69	72.3	46.8	86.8
56	43.8	22.0	62.0

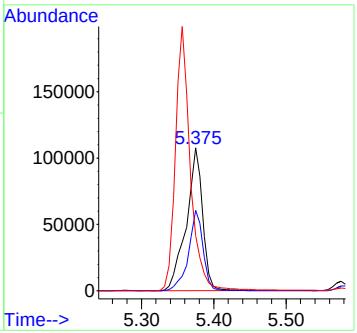


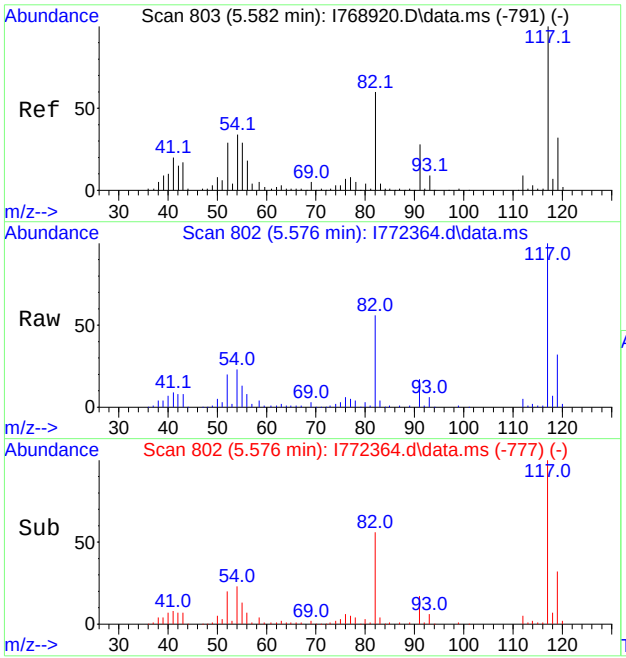


#75
2-hexanone
Concen: 114.4104 ug/L
RT: 5.375 min Scan# 769
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 43 Resp: 169221

Ion	Ratio	Lower	Upper
43	100		
58	56.4	20.1	80.1
57	38.3	33.6	93.6

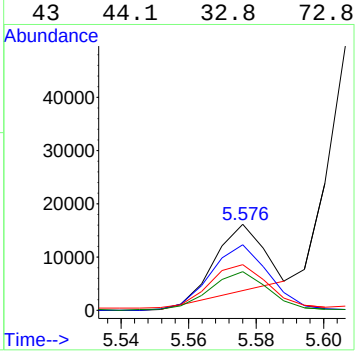


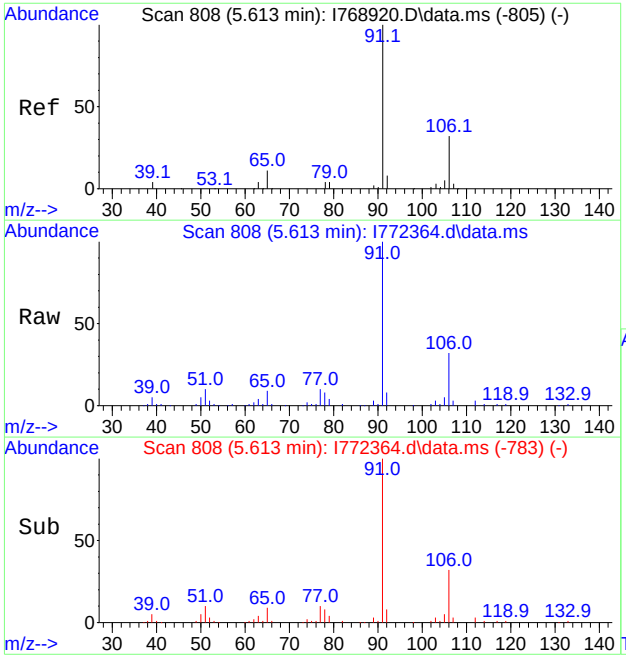


#76
1-Chlorohexane
Concen: 15.3231 ug/L
RT: 5.576 min Scan# 802
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 12700

Ion	Ratio	Lower	Upper
91	100		
55	75.4	60.7	100.7
41	50.6	44.2	84.2
43	44.1	32.8	72.8

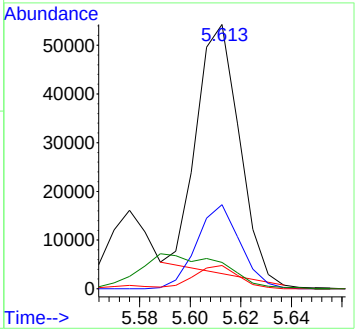


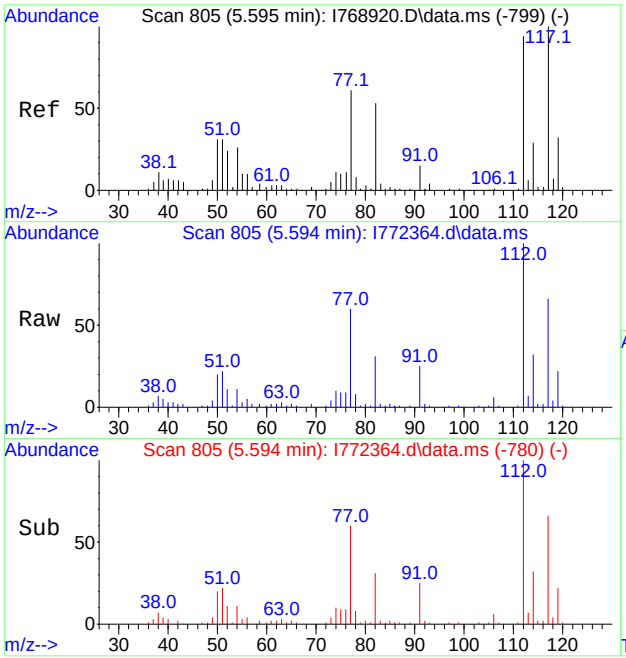


#77
Ethylbenzene
Concen: 21.8799 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 58593

Ion	Ratio	Lower	Upper
91	100		
106	31.9	0.8	60.8
65	9.0	0.0	39.5
51	9.6	0.0	41.4

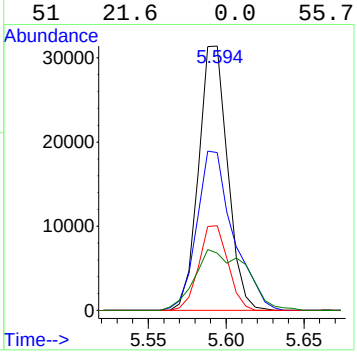


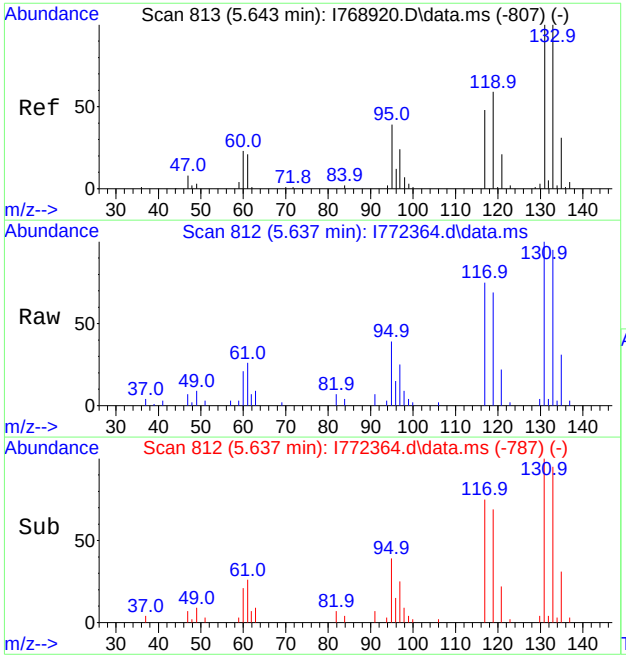


#78
Chlorobenzene
Concen: 25.7055 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:112 Resp: 40759

Ion	Ratio	Lower	Upper
112	100		
77	59.7	30.7	90.7
114	32.1	2.4	62.4
51	21.6	0.0	55.7

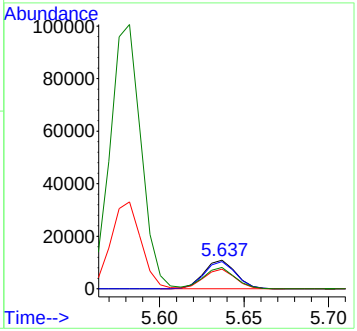


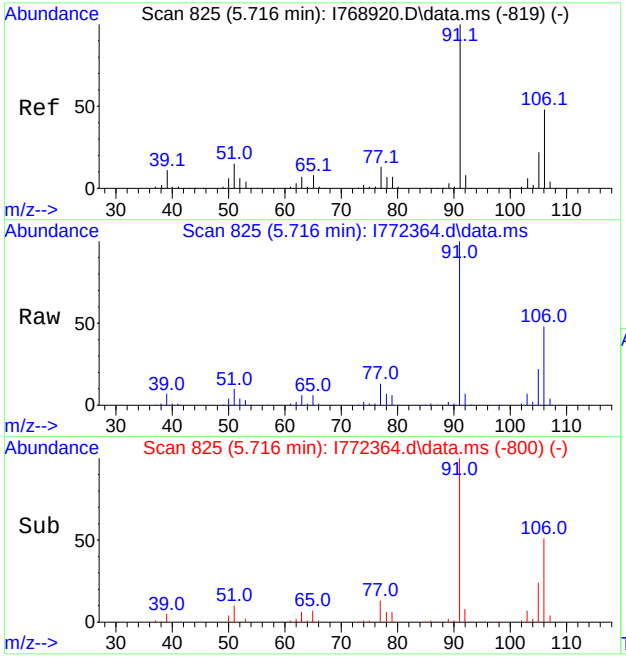


#79
1,1,1,2-Tetrachloroethane
Concen: 25.9923 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:131 Resp: 14374

Ion	Ratio	Lower	Upper
131	100		
133	95.1	70.3	130.3
119	68.8	35.8	95.8
117	74.6	39.8	99.8

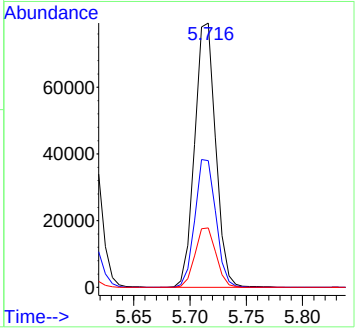


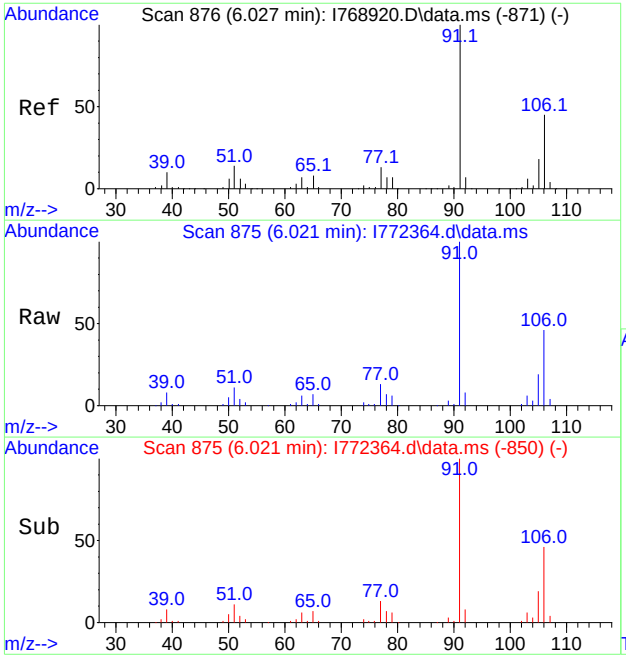


#80
m,p-Xylene
Concen: 50.7819 ug/L
RT: 5.716 min Scan# 825
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 102912

Ion	Ratio	Lower	Upper
91	100		
106	48.0	17.0	77.0
105	22.4	0.0	51.7

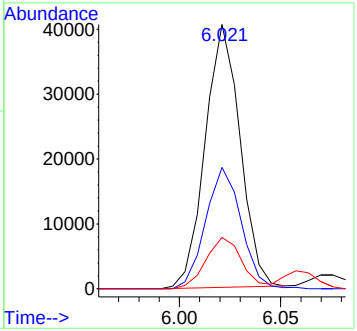


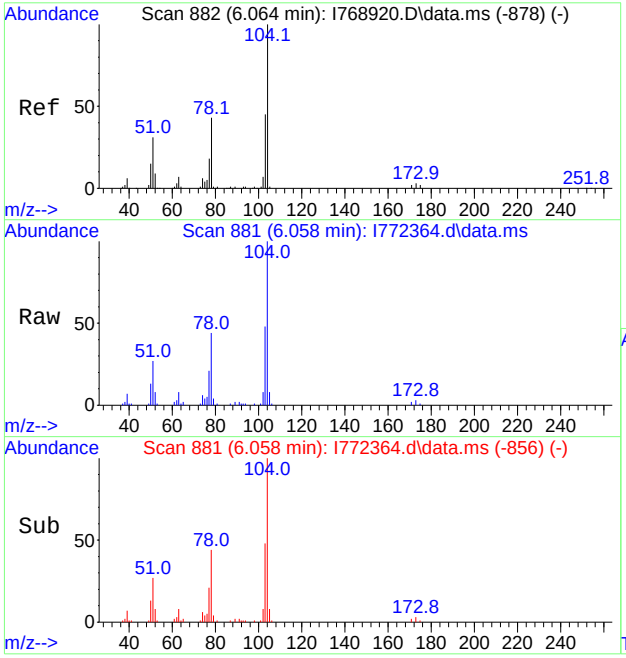


#81
o-Xylene
Concen: 24.1485 ug/L
RT: 6.021 min Scan# 875
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 48670

Ion	Ratio	Lower	Upper
91	100		
106	45.9	15.4	75.4
105	19.4	0.0	49.1

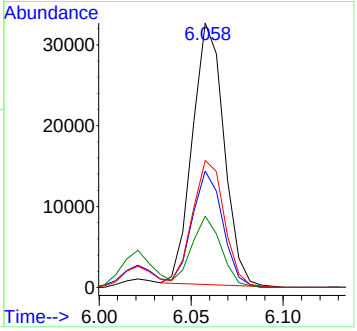


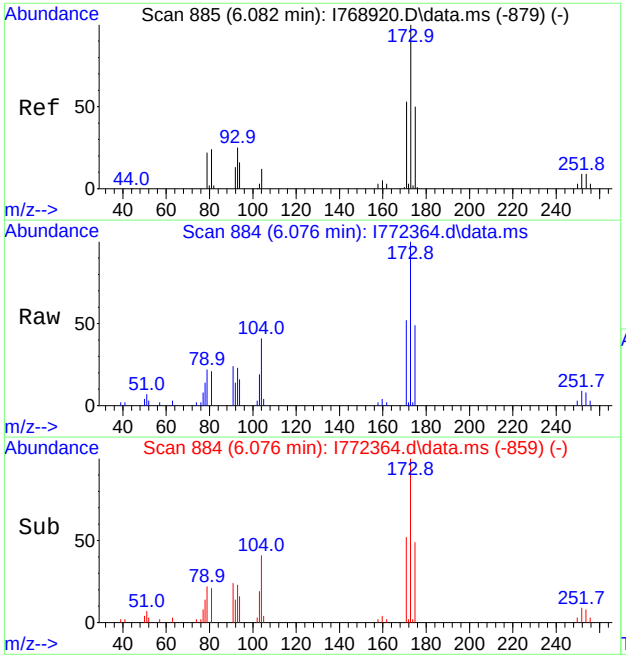


#82
Styrene
Concen: 25.4081 ug/L
RT: 6.058 min Scan# 881
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:104 Resp: 38571

Ion	Ratio	Lower	Upper
104	100		
78	44.0	15.1	75.1
103	48.0	17.1	77.1
51	27.0	0.0	58.2

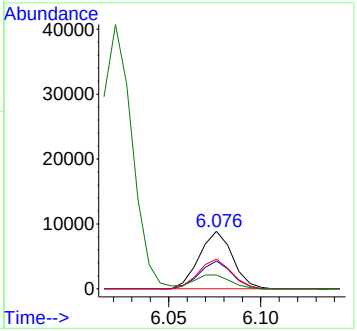


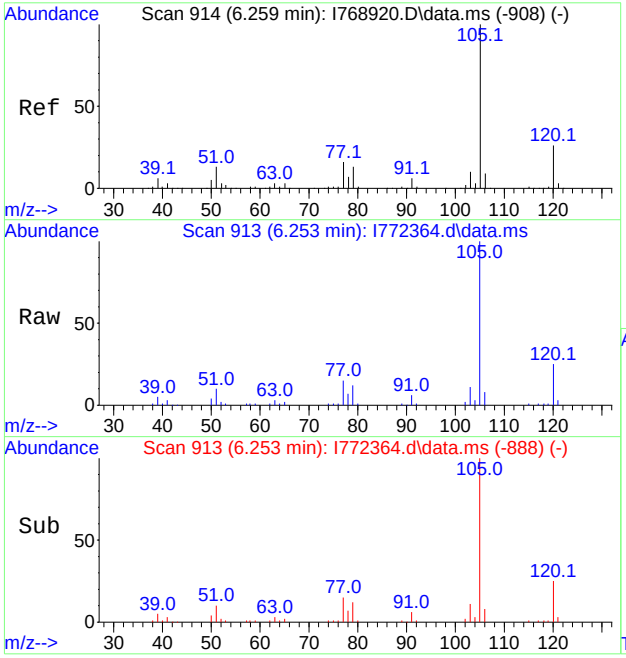


#83
Bromoform
Concen: 24.6695 ug/L
RT: 6.076 min Scan# 884
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:173 Resp: 11140

Ion	Ratio	Lower	Upper
173	100		
175	48.5	18.2	78.2
171	52.0	20.6	80.6
91	24.0	0.0	50.4

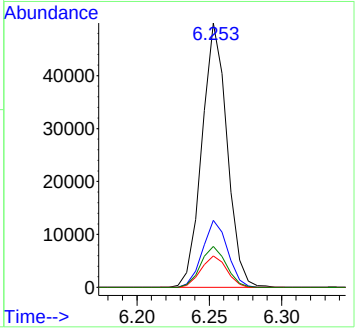


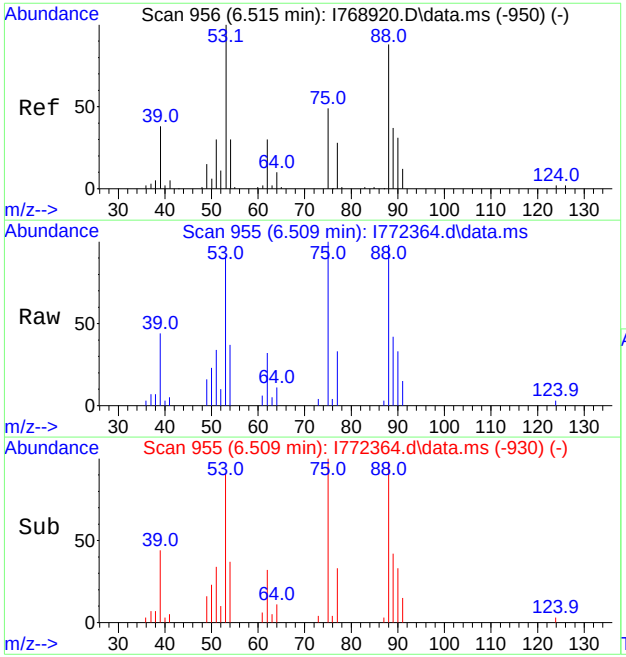


#84
Isopropylbenzene
Concen: 25.9392 ug/L
RT: 6.253 min Scan# 913
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:105 Resp: 60213

Ion	Ratio	Lower	Upper
105	100		
120	25.4	0.0	54.9
79	11.9	0.0	43.9
77	15.5	0.0	46.6

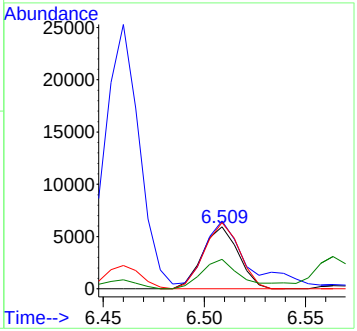


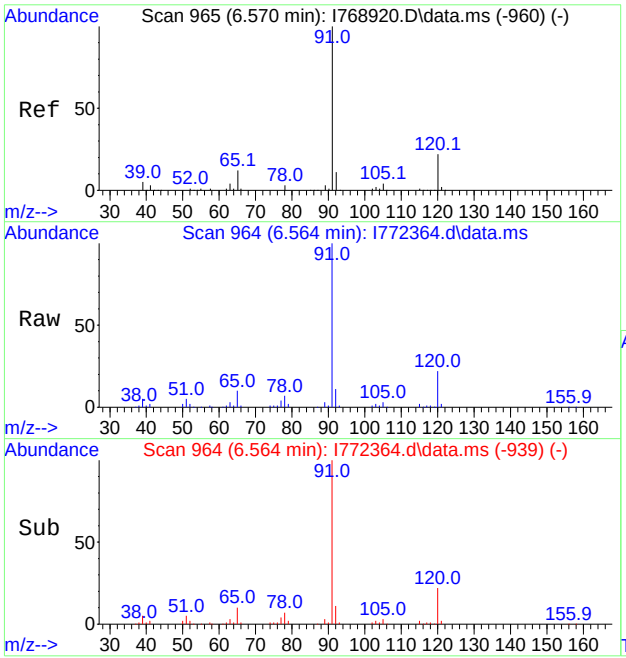


#87
cis-1,4-Dichloro-2-butene
Concen: 17.8675 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 53 Resp: 7321

Ion	Ratio	Lower	Upper
53	100		
75	84.6	62.2	102.2
88	106.9	86.4	126.4
39	47.6	19.3	59.3

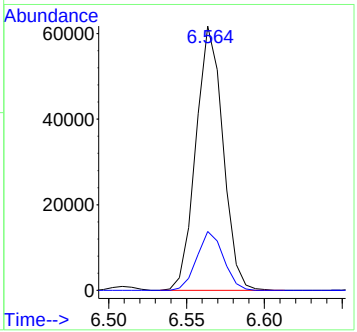


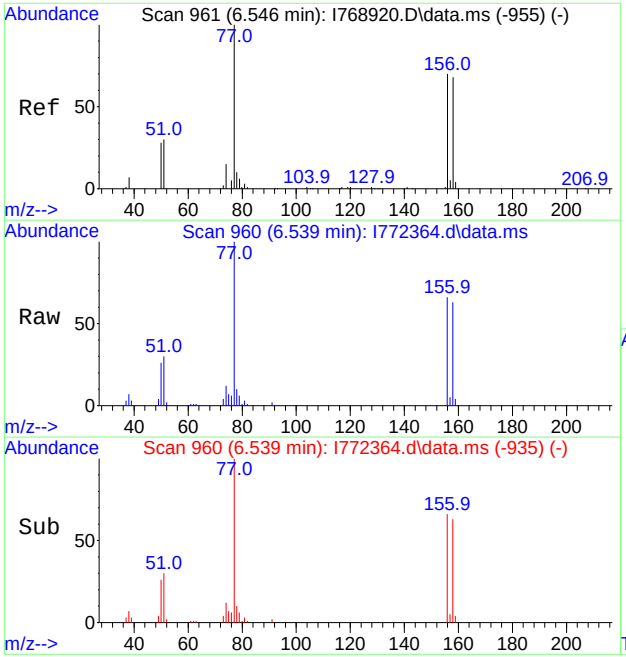


#88
n-Propylbenzene
Concen: 24.5119 ug/L
RT: 6.564 min Scan# 964
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 74621

Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	52.3

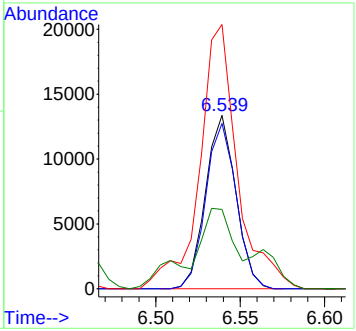


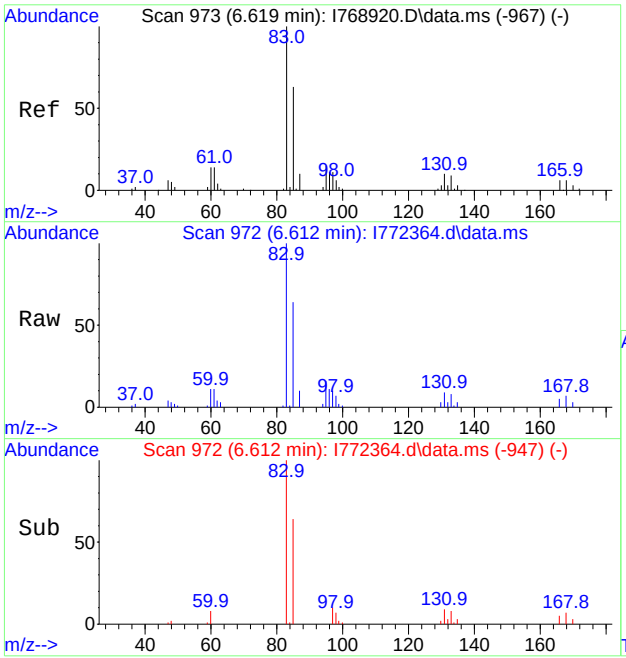


#89
Bromobenzene
Concen: 24.2847 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:156 Resp: 16702

Ion	Ratio	Lower	Upper
156	100		
158	95.4	65.5	125.5
77	145.8	126.3	186.3
51	38.7	18.5	78.5

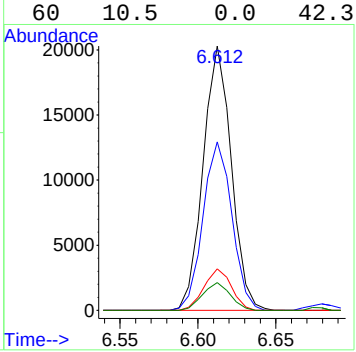


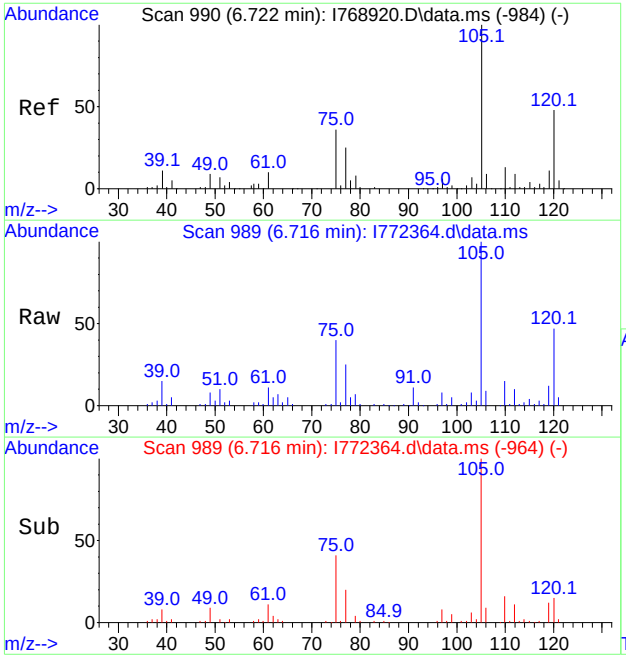


#90
1,1,2,2-Tetrachloroethane
Concen: 23.3618 ug/L
RT: 6.612 min Scan# 972
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 83 Resp: 25510

Ion	Ratio	Lower	Upper
83	100		
85	63.8	36.2	96.2
95	15.7	0.0	46.3
60	10.5	0.0	42.3

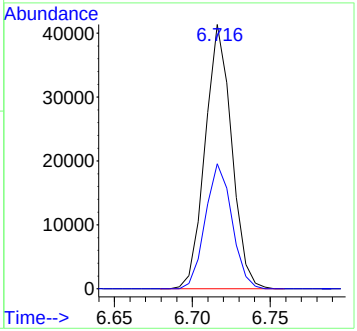


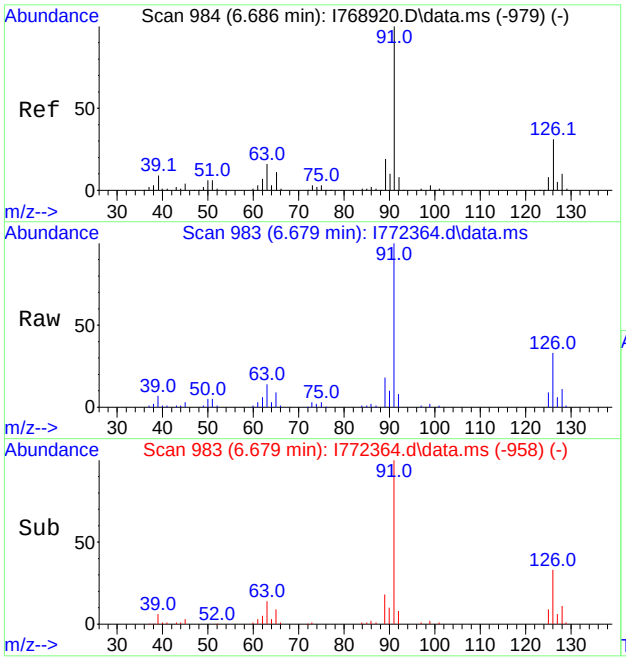


#91
1,3,5-Trimethylbenzene
Concen: 24.3137 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:105 Resp: 48776

Ion	Ratio	Lower	Upper
105	100		
120	47.3	17.5	77.5

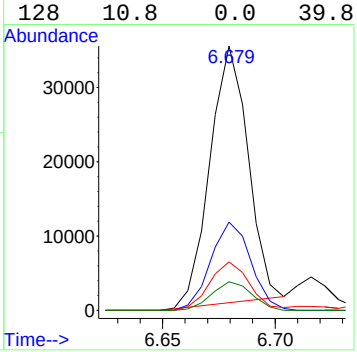


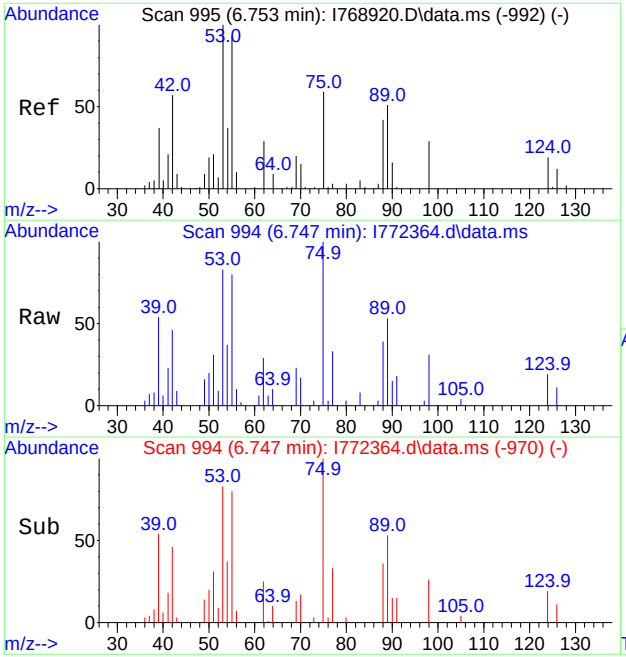


#92
2-Chlorotoluene
Concen: 23.8460 ug/L
RT: 6.679 min Scan# 983
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 40982

Ion	Ratio	Lower	Upper
91	100		
126	33.4	0.4	60.4
89	18.3	0.0	48.4
128	10.8	0.0	39.8

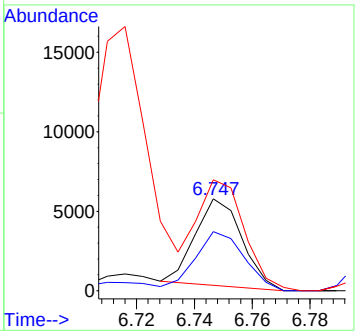


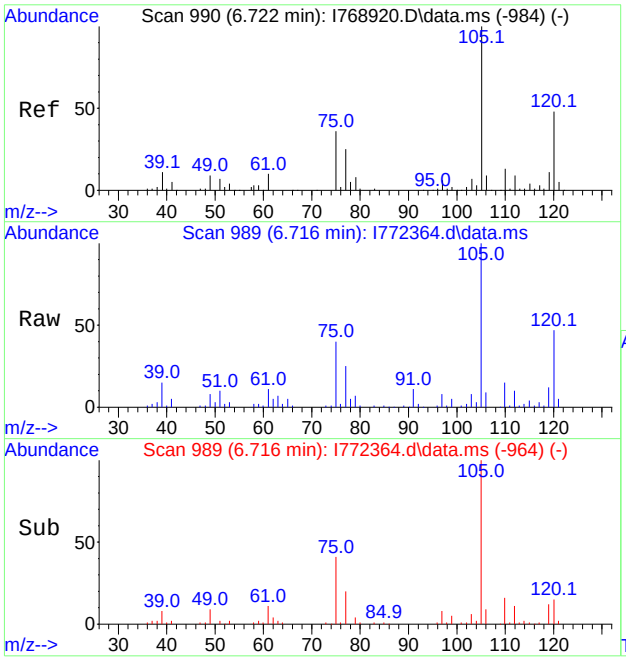


#93
trans-1,4-Dichloro-2-Butene
Concen: 18.9774 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 53 Resp: 6056

Ion	Ratio	Lower	Upper
53	100		
89	64.3	39.5	79.5
75	117.3	80.0	120.0

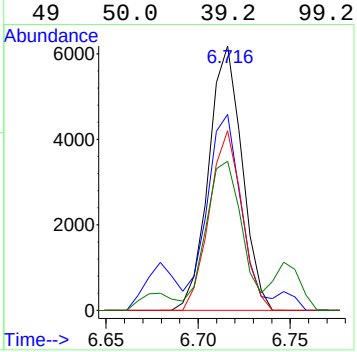


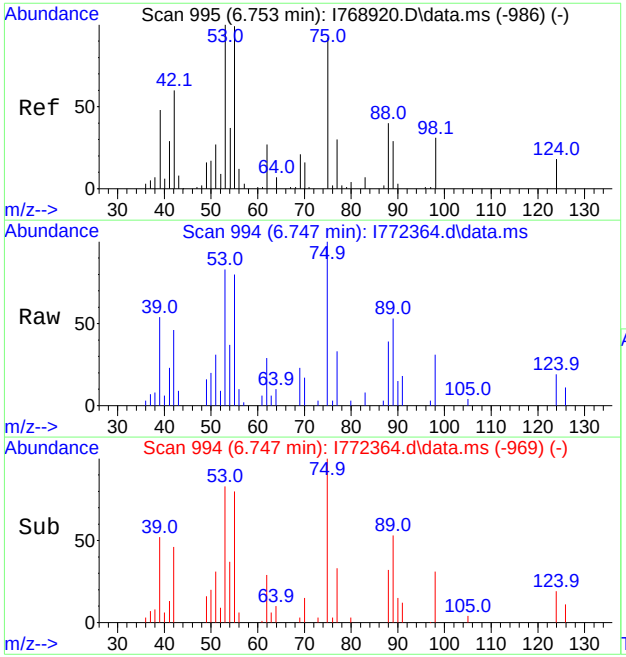


#94
1,2,3-Trichloropropane
Concen: 23.5252 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:110 Resp: 7827

Ion	Ratio	Lower	Upper
110	100		
61	67.0	57.4	117.4
112	67.9	29.8	89.8
49	50.0	39.2	99.2

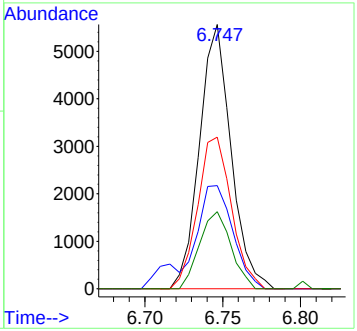


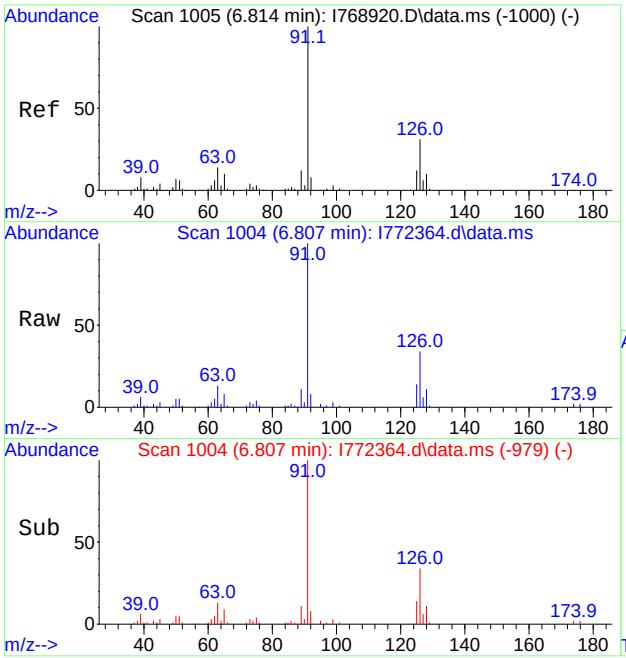


#95
Cyclohexanone
Concen: 92.1927 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 55 Resp: 7846

Ion	Ratio	Lower	Upper
55	100		
98	39.1	20.6	60.6
42	57.3	43.8	83.8
69	29.2	4.0	44.0

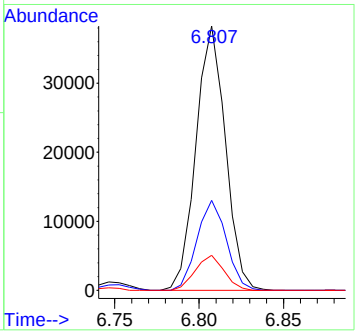


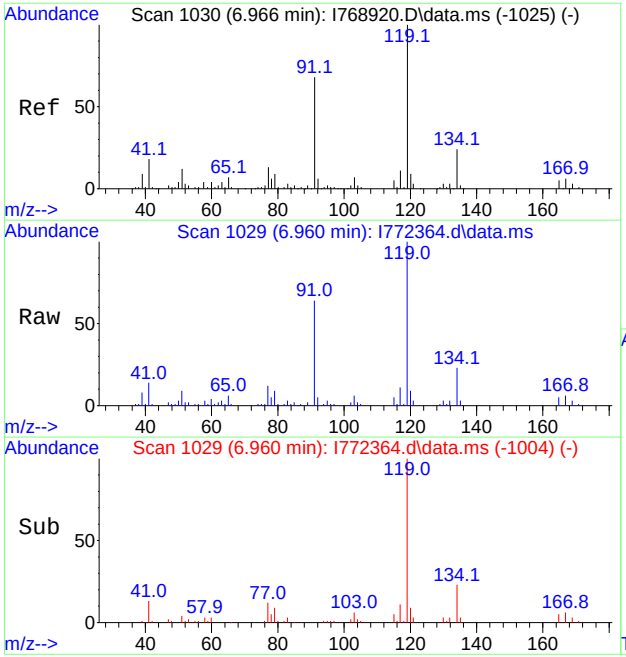


#96
4-Chlorotoluene
Concen: 24.1356 ug/L
RT: 6.807 min Scan# 1004
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 46548

Ion	Ratio	Lower	Upper
91	100		
126	34.1	0.0	59.5
63	13.2	0.0	44.0

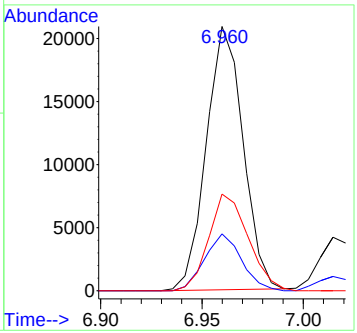


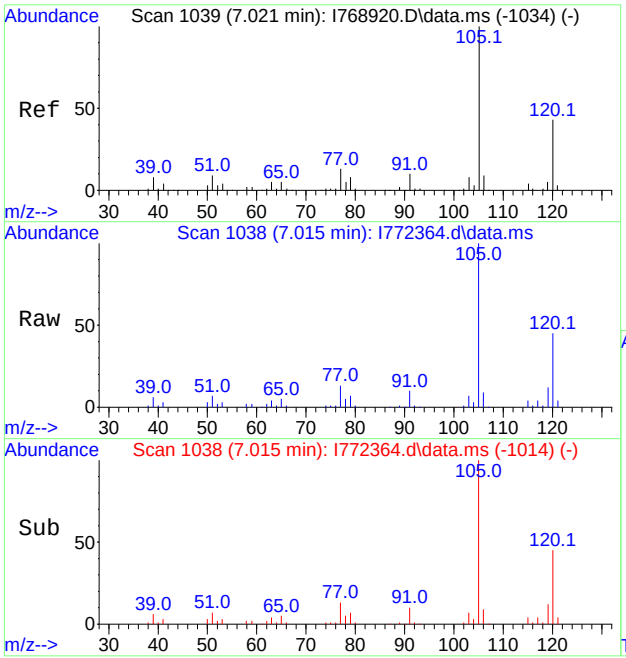


#97
tert-Butylbenzene
Concen: 24.1116 ug/L
RT: 6.960 min Scan# 1029
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 91 Resp: 26403

Ion	Ratio	Lower	Upper
91	100		
41	21.5	0.0	52.9
134	36.6	4.8	64.8

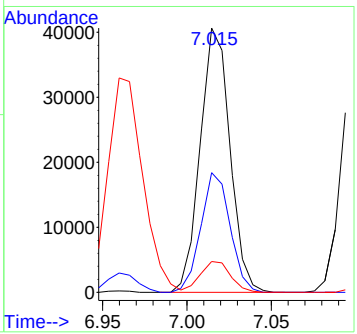


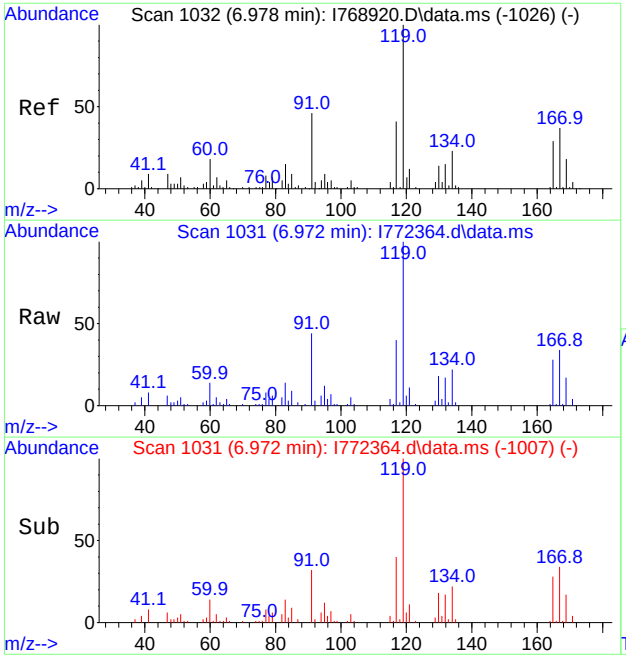


#98
1,2,4-Trimethylbenzene
Concen: 24.6824 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:105 Resp: 50024

Ion	Ratio	Lower	Upper
105	100		
120	45.2	13.7	73.7
119	11.6	0.0	41.5

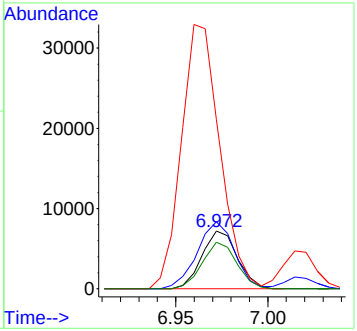


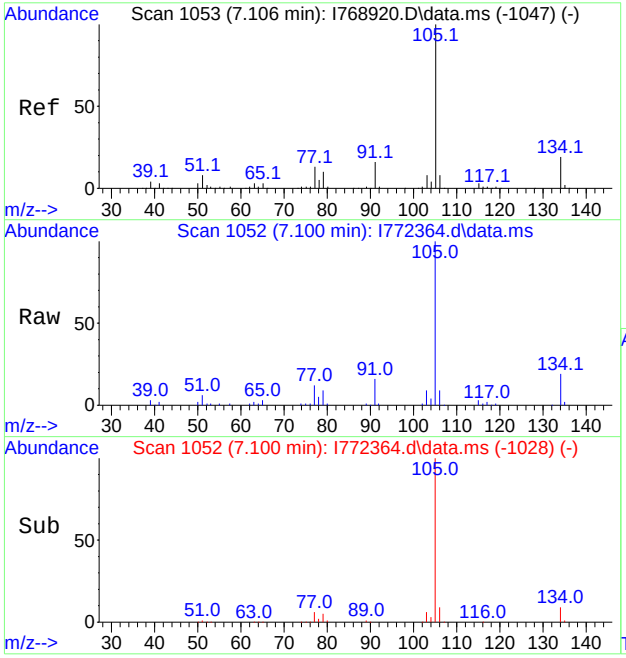


#99
Pentachloroethane
Concen: 26.2971 ug/L
RT: 6.972 min Scan# 1031
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:167 Resp: 9667

Ion	Ratio	Lower	Upper
167	100		
117	115.7	79.4	139.4
119	272.9	554.0	614.0#
165	80.5	58.9	98.9

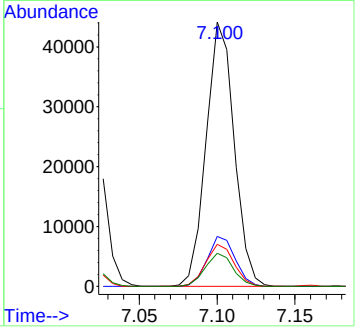


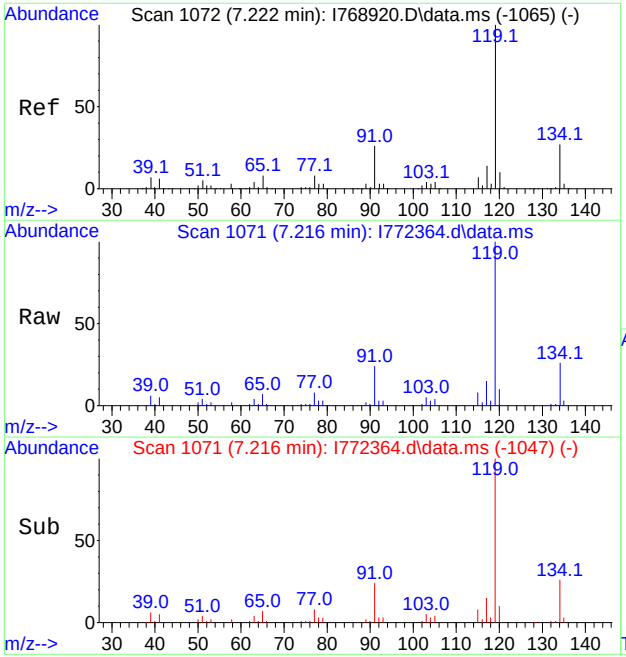


#100
sec-Butylbenzene
Concen: 24.0082 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:105 Resp: 55181

Ion	Ratio	Lower	Upper
105	100		
134	18.9	0.0	50.2
91	15.9	0.0	46.2
77	12.5	0.0	42.9

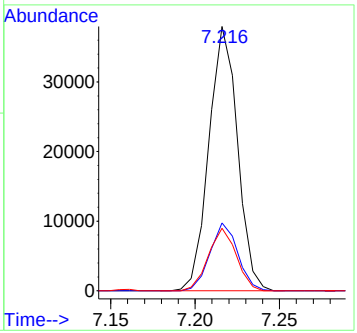


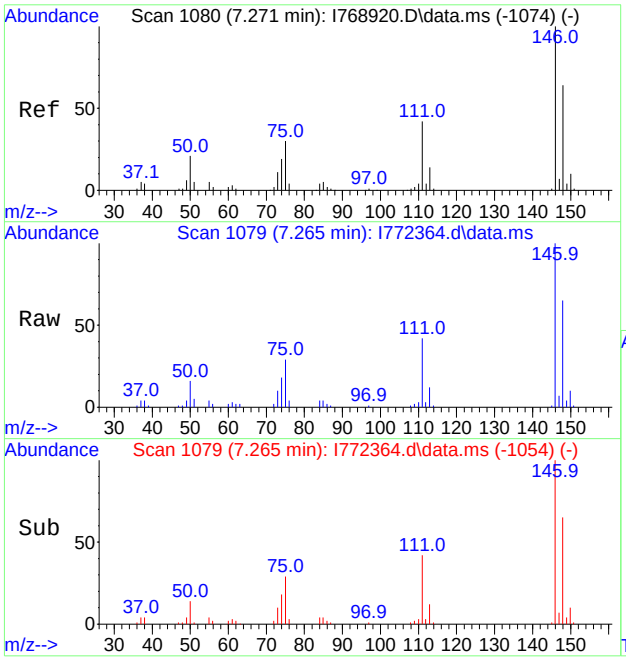


#101
4-Isopropyltoluene
Concen: 23.6533 ug/L
RT: 7.216 min Scan# 1071
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:119 Resp: 44781

Ion	Ratio	Lower	Upper
119	100		
134	25.7	0.0	57.1
91	23.6	0.0	56.2

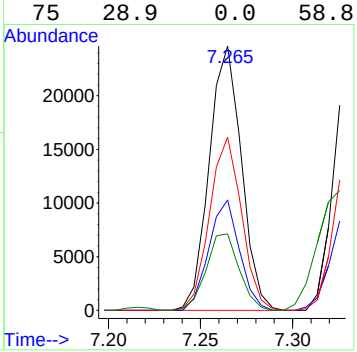


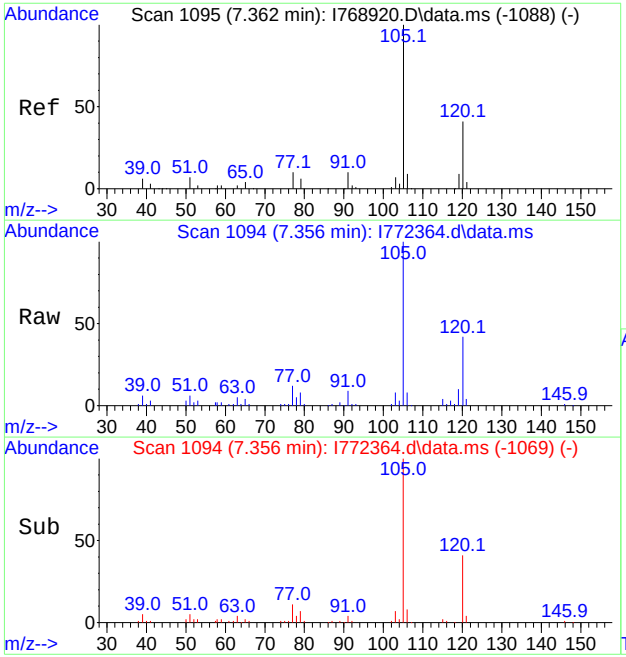


#102
1,3-Dichlorobenzene
Concen: 24.6320 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:146 Resp: 30082

Ion	Ratio	Lower	Upper
146	100		
111	41.8	11.0	71.0
148	65.5	32.9	92.9
75	28.9	0.0	58.8

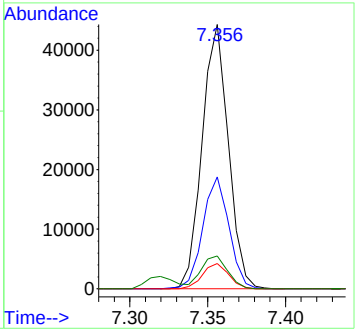


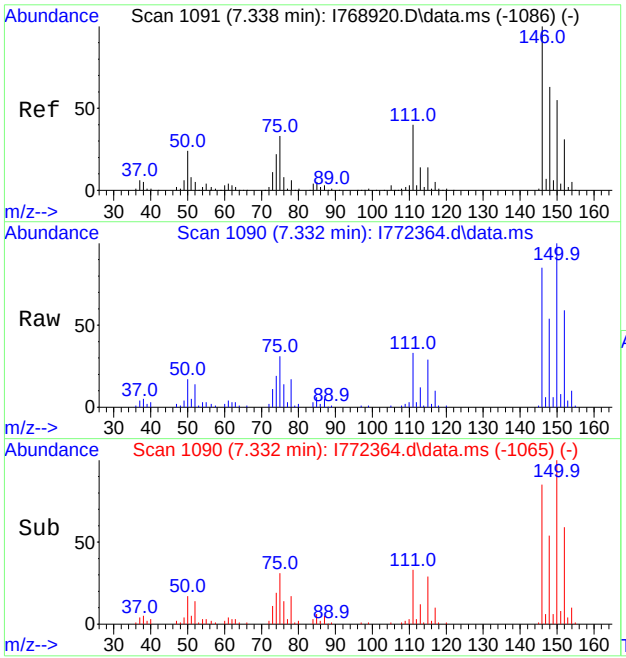


#103
1,2,3-Trimethylbenzene
Concen: 24.4927 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:105 Resp: 51786

Ion	Ratio	Lower	Upper
105	100		
120	42.3	11.0	71.0
119	9.6	0.0	39.1
77	12.5	0.0	43.5

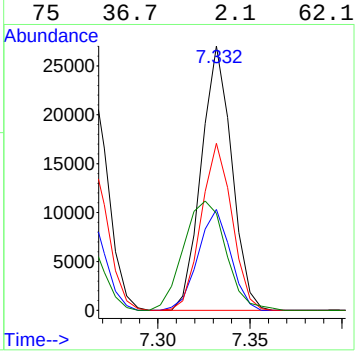


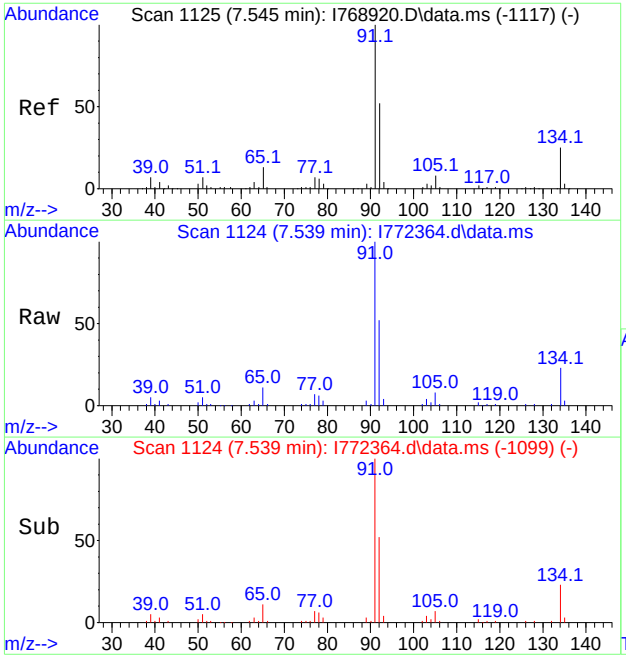


#104
1,4-Dichlorobenzene
Concen: 24.4205 ug/L
RT: 7.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:146 Resp: 31164

Ion	Ratio	Lower	Upper
146	100		
111	38.2	9.8	69.8
148	63.2	33.7	93.7
75	36.7	2.1	62.1

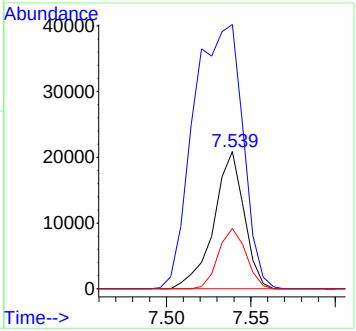


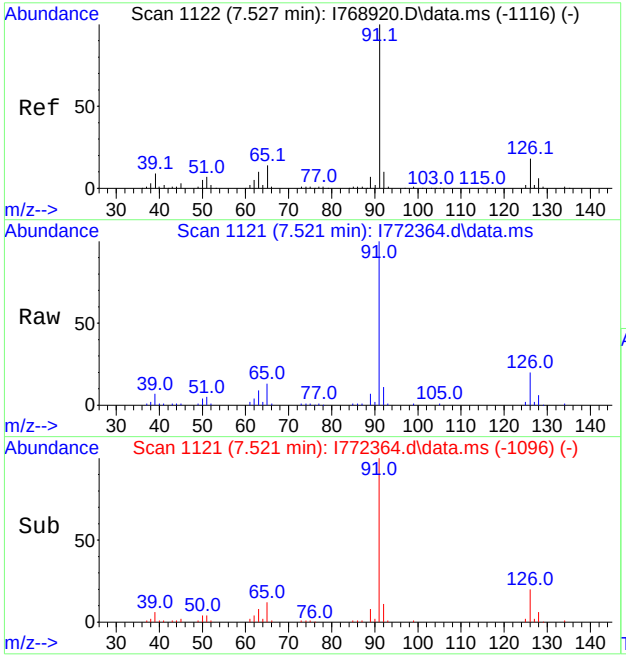


#105
n-Butylbenzene
Concen: 24.5498 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 92 Resp: 26063

Ion	Ratio	Lower	Upper
92	100		
91	192.3	158.3	218.3
134	43.8	16.3	76.3

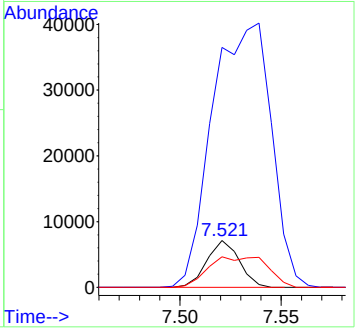


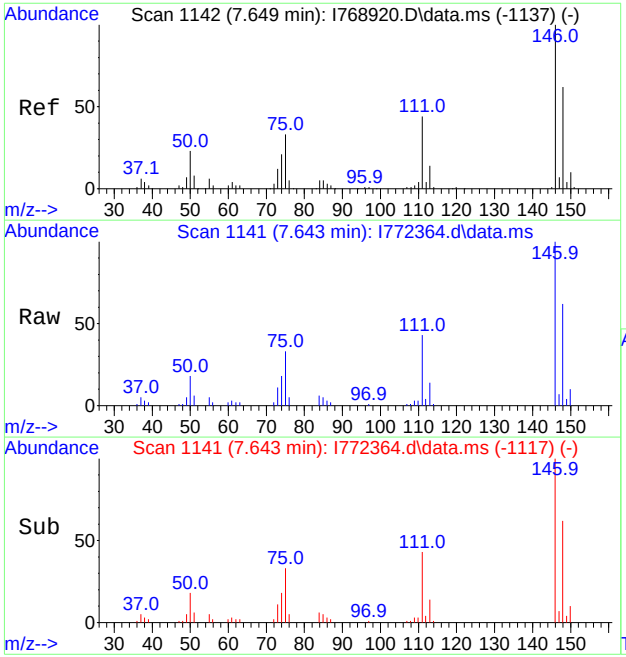


#106
Benzyl Chloride
Concen: 21.6852 ug/L
RT: 7.521 min Scan# 1121
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:126 Resp: 7974

Ion	Ratio	Lower	Upper
126	100		
91	511.4	503.6	543.6
65	65.1	49.6	89.6

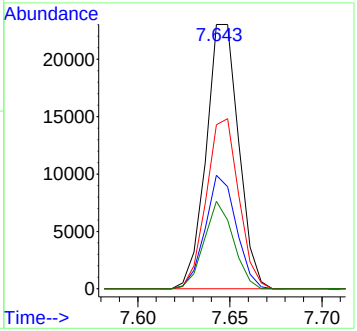


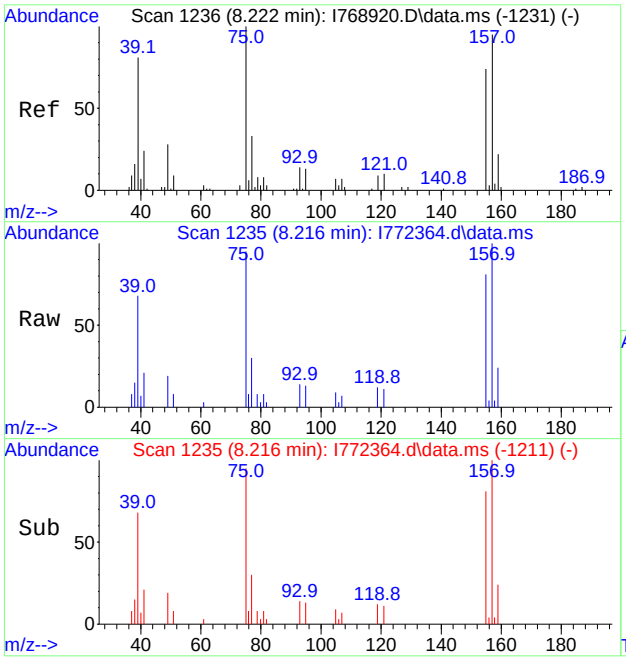


#107
1,2-Dichlorobenzene
Concen: 24.5257 ug/L
RT: 7.643 min Scan# 1141
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:146 Resp: 28454

Ion	Ratio	Lower	Upper
146	100		
111	42.9	11.2	71.2
148	62.0	34.6	94.6
75	33.1	0.0	58.4

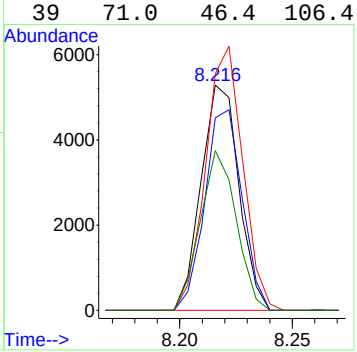


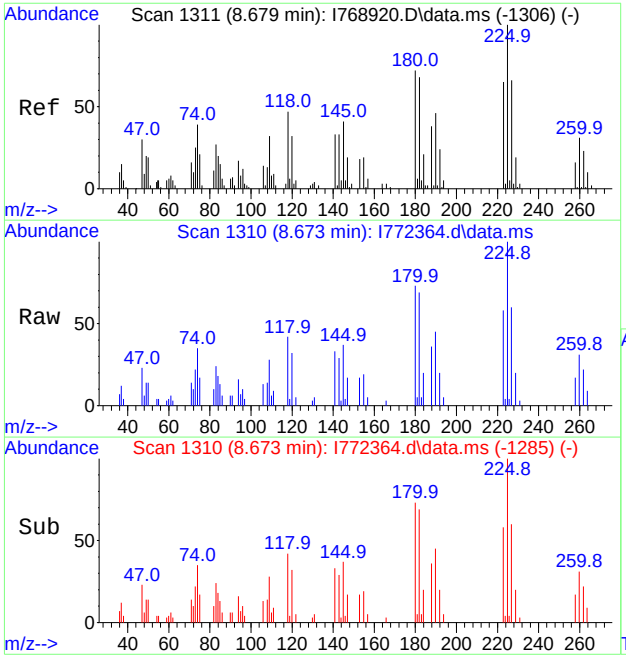


#108
1,2-Dibromo-3-Chloropropane
Concen: 21.0934 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.006 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion: 75 Resp: 6193

Ion	Ratio	Lower	Upper
75	100		
155	85.5	44.6	104.6
157	105.0	64.6	124.6
39	71.0	46.4	106.4

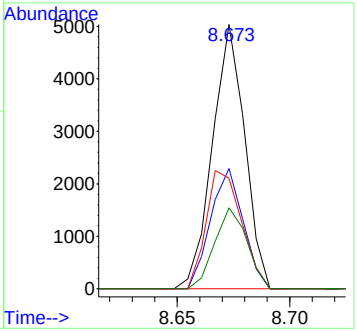


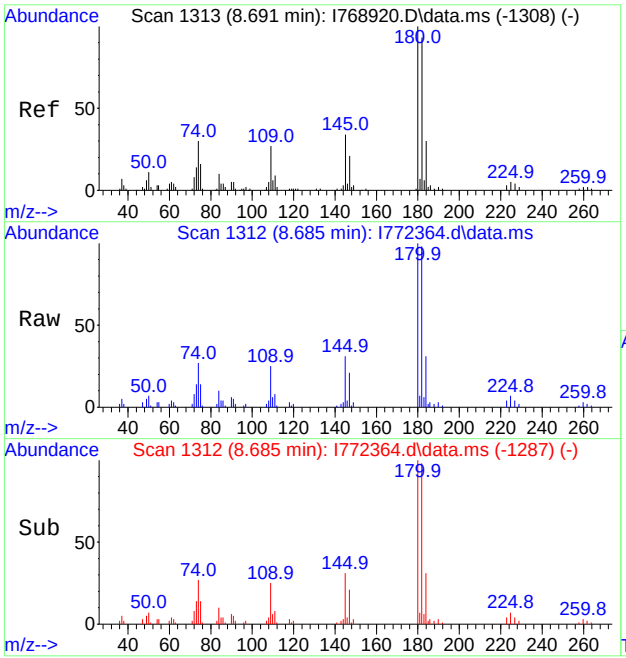


#109
Hexachlorobutadiene
Concen: 23.0115 ug/L
RT: 8.673 min Scan# 1310
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:225 Resp: 5054

Ion	Ratio	Lower	Upper
225	100		
190	45.5	14.4	74.4
118	41.7	3.8	63.8
260	30.7	4.2	64.2

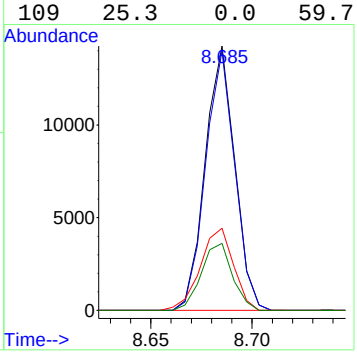


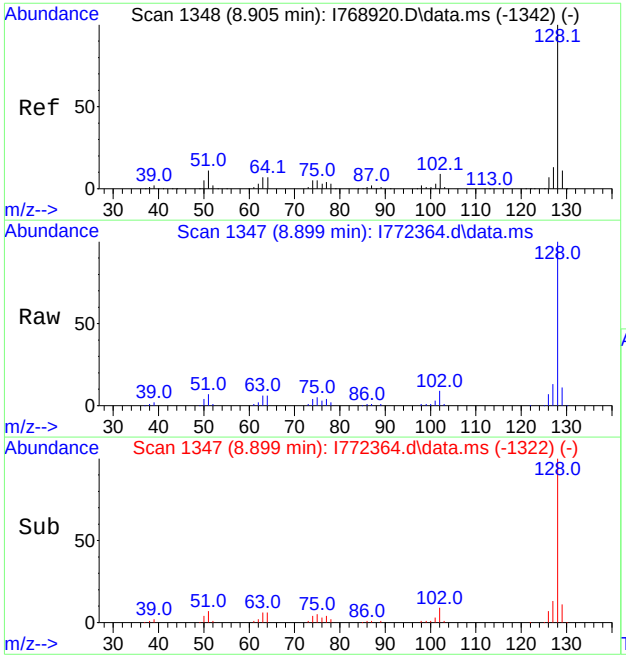


#110
1,2,4-Trichlorobenzene
Concen: 23.0053 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:180 Resp: 14561

Ion	Ratio	Lower	Upper
180	100		
182	98.1	68.0	128.0
145	31.1	4.1	64.1
109	25.3	0.0	59.7

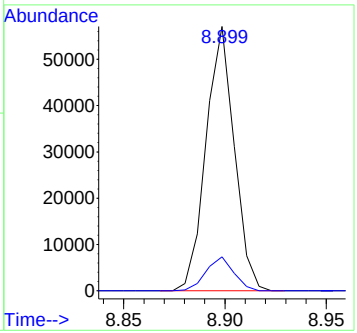


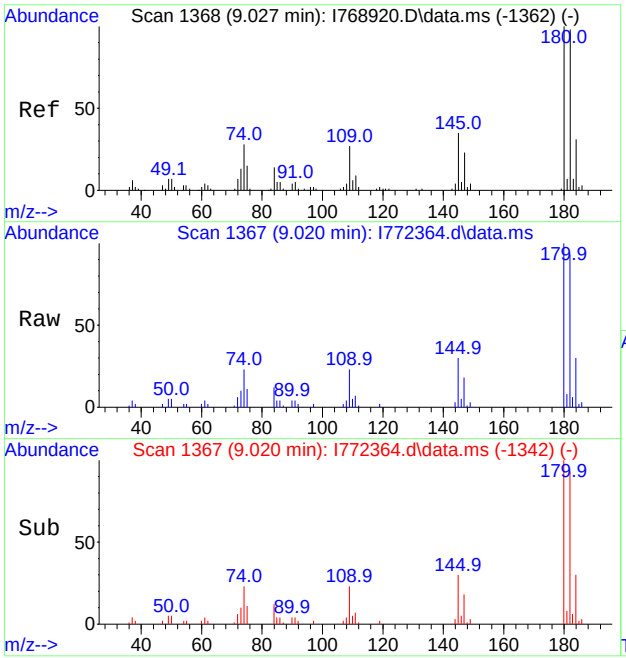


#111
Naphthalene
Concen: 21.9140 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:128 Resp: 55513

Ion	Ratio	Lower	Upper
128	100		
127	12.9	0.0	42.5

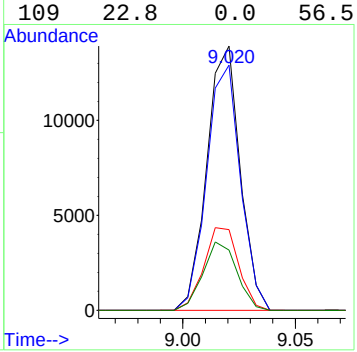




#112
1,2,3-Trichlorobenzene
Concen: 23.6615 ug/L
RT: 9.020 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I772364.d
Acq: 17 Jun 2025 1:49 pm

Tgt Ion:180 Resp: 14371

Ion	Ratio	Lower	Upper
180	100		
182	92.7	64.2	124.2
145	30.5	3.1	63.1
109	22.8	0.0	56.5



Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772365.d
Acq On : 17 Jun 2025 2:06 pm
Operator : jeniferw
Sample : FC25417-8MSD Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 17 20:54:04 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	171331	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	127924	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	65222	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	51758	52.99	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 105.98%				
49) 1,2-Dichloroethane-d4	3.461	65	55237	47.83	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 95.66%				
63) Toluene-d8	4.552	98	152960	46.60	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 93.20%				
86) 4-Bromofluorobenzene	6.460	174	49887	50.69	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	17307	20.7248	ug/L		100
3) Chloromethane	1.211	50	16840	22.5195	ug/L		98
4) 1,3-butadiene	1.272	39	15530	26.0167	ug/L		96
5) Vinyl Chloride	1.260	62	17326	23.2198	ug/L		99
6) Bromomethane	1.455	94	9012	20.8699	ug/L		99
7) Chloroethane	1.522	64	6762	20.3595	ug/L		97
8) Trichlorofluoromethane	1.607	101	22176	21.9432	ug/L		99
9) Ethyl Ether	1.790	59	13224	21.4374	ug/L		97
10) Ethanol	1.876	45	12195	523.1878	ug/L		99
11) 1,2-Dichlorotrifluoroe...	1.894	67	17435	23.9516	ug/L		96
12) 1,1-Dichloroethene	1.900	61	21742	23.2357	ug/L		91
13) Freon 113	1.918	101	13624	24.7597	ug/L		93
14) Carbon Disulfide	1.918	76	42267	22.5586	ug/L		93
15) Iodomethane	1.979	142	15395	26.6187	ug/L		97
16) Acrolein	2.083	56	24250	99.7213	ug/L		96
17) Allyl chloride	2.156	41	17655	17.2603	ug/L		95
18) Methylene Chloride	2.211	49	20618	21.7513	ug/L		96
19) Acetone	2.241	43	55642	114.2599	ug/L		98
20) Methyl acetate	2.302	43	121505	104.8938	ug/L		97
21) trans-1,2-Dichloroethene	2.302	61	20814	23.2741	ug/L		89
22) Hexane	2.339	56	11056	22.6459	ug/L	#	73
23) Methyl Tert Butyl Ether	2.363	73	44291	22.3945	ug/L	#	52
24) Acetonitrile	2.491	41	40579	233.4650	ug/L		98
25) Tert Butyl Alcohol	2.412	59	86973	287.9456	ug/L		78
26) Di-isopropyl ether	2.558	45	46655	22.8861	ug/L		98
27) Chloroprene	2.656	53	64269	26.5674	ug/L		82
28) 1,1-Dichloroethane	2.632	63	27525	24.6514	ug/L		98
29) Acrylonitrile	2.656	52	49183	125.0238	ug/L	#	68
30) ETBE	2.753	59	47894	23.6109	ug/L		95
31) Vinyl acetate	2.760	43	222751	122.2339	ug/L		98
32) cis-1,2-Dichloroethene	2.918	96	16012	25.6546	ug/L		91
33) 2,2-Dichloropropane	2.979	77	21392	24.2337	ug/L		97
34) Bromochloromethane	3.028	128	8302	26.7969	ug/L		89
35) Cyclohexane	3.034	56	23306	25.3759	ug/L		94
36) Chloroform	3.064	83	29305	25.2330	ug/L		92
37) Ethyl acetate	3.119	43	157624	120.4510	ug/L		99
38) Tetrahydrofuran	3.156	42	11210	22.0481	ug/L		94
40) Carbon Tetrachloride	3.144	117	17372	22.5581	ug/L		99
41) 1,1,1-Trichloroethane	3.180	97	23291	26.3012	ug/L		93
42) 2-Butanone	3.229	43	101311	127.5230	ug/L		89
43) 1,1-Dichloropropene	3.247	75	20578	28.8494	ug/L		88
44) tert-Butyl formate	3.308	59	9543	15.1906	ug/L		89

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772365.d
Acq On : 17 Jun 2025 2:06 pm
Operator : jeniferw
Sample : FC25417-8MSD Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 17 20:54:04 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
45) Propionitrile	3.394	54	56597	253.9560 ug/L #	39
46) Methacrylonitrile	3.406	41	167290	234.6121 ug/L	96
47) Benzene	3.387	78	60525	25.7808 ug/L	83
48) TAME	3.442	73	42262	23.2463 ug/L #	63
50) 1,2-Dichloroethane	3.497	62	21624	23.4875 ug/L	98
51) Isobutyl Alcohol	3.442	43	10031	359.3009 ug/L	76
52) Tert Amyl Alcohol	3.546	59	58744	251.6620 ug/L	94
53) Trichloroethene	3.711	95	16131	25.4495 ug/L	98
54) Methylcyclohexane	3.717	83	20690	26.8225 ug/L	89
55) Dibromomethane	3.954	93	11827	26.1515 ug/L	94
56) 1,2-Dichloropropane	4.015	63	16164	25.9531 ug/L	95
57) Bromodichloromethane	4.052	83	20992	23.7872 ug/L	97
58) Methyl methacrylate	4.137	41	17517	22.2122 ug/L	84
59) 1,4-Dioxane	4.174	88	9675	566.2870 ug/L	90
61) cis-1,3-Dichloropropene	4.436	75	23566	23.8561 ug/L	89
64) Toluene	4.582	91	61738	24.9589 ug/L	98
65) 2-Nitropropane	4.723	41	32546	102.5454 ug/L	95
66) 4-Methyl-2-pentanone	4.820	43	159071	127.6222 ug/L	96
67) trans-1,3-Dichloropropene	4.845	75	23751	23.7567 ug/L	89
68) Tetrachloroethene	4.832	166	15365	27.1476 ug/L	91
69) Ethyl methacrylate	4.948	69	23128	25.5898 ug/L #	75
70) 1,1,2-Trichloroethane	4.948	83	13521	25.9541 ug/L	93
71) Dibromochloromethane	5.070	129	16807	25.4471 ug/L	98
72) 1,3-Dichloropropane	5.131	76	25835	25.1106 ug/L	88
73) 1,2-Dibromoethane	5.235	107	17516	25.6775 ug/L	98
74) 3,3-Dimethyl-1-Butanol	5.357	57	304805	1182.7617 ug/L	95
75) 2-hexanone	5.375	43	179419	120.1930 ug/L	79
76) 1-Chlorohexane	5.576	91	13075	15.6309 ug/L	87
77) Ethylbenzene	5.613	91	58278	21.5627 ug/L	97
78) Chlorobenzene	5.594	112	40521	25.3211 ug/L	95
79) 1,1,1,2-Tetrachloroethane	5.637	131	14614	26.1840 ug/L	96
80) m,p-Xylene	5.710	91	101945	49.8434 ug/L	99
81) o-Xylene	6.021	91	49811	24.4880 ug/L	100
82) Styrene	6.058	104	39220	25.5987 ug/L	96
83) Bromoform	6.076	173	11114	24.3862 ug/L	95
84) Isopropylbenzene	6.253	105	60282	25.7308 ug/L	97
87) cis-1,4-Dichloro-2-butene	6.509	53	7271	17.9993 ug/L	95
88) n-Propylbenzene	6.564	91	74971	24.9792 ug/L	96
89) Bromobenzene	6.539	156	16918	24.9506 ug/L	91
90) 1,1,2,2-Tetrachloroethane	6.612	83	25723	23.8938 ug/L	98
91) 1,3,5-Trimethylbenzene	6.716	105	48534	24.5392 ug/L	99
92) 2-Chlorotoluene	6.680	91	40797	24.0780 ug/L	97
93) trans-1,4-Dichloro-2-B...	6.747	53	6260	19.8973 ug/L #	83
94) 1,2,3-Trichloropropane	6.716	110	7981	24.3312 ug/L	79
95) Cyclohexanone	6.747	55	9148	109.0292 ug/L	94
96) 4-Chlorotoluene	6.808	91	46383	24.3941 ug/L	93
97) tert-Butylbenzene	6.960	91	26708	24.7390 ug/L	98
98) 1,2,4-Trimethylbenzene	7.015	105	49866	24.9564 ug/L	97
99) Pentachloroethane	6.972	167	9349	25.7958 ug/L #	18
100) sec-Butylbenzene	7.100	105	55040	24.2894 ug/L	97
101) 4-Isopropyltoluene	7.216	119	45173	24.2017 ug/L	96
102) 1,3-Dichlorobenzene	7.265	146	29875	24.8125 ug/L	97
103) 1,2,3-Trimethylbenzene	7.356	105	51713	24.8080 ug/L	97
104) 1,4-Dichlorobenzene	7.332	146	31062	24.6888 ug/L	97
105) n-Butylbenzene	7.539	92	26831	25.6348 ug/L	98
106) Benzyl Chloride	7.521	126	7996	22.0561 ug/L	98
107) 1,2-Dichlorobenzene	7.649	146	28740	25.1266 ug/L	99
108) 1,2-Dibromo-3-Chloropr...	8.216	75	6542	22.6008 ug/L	92

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772365.d
Acq On : 17 Jun 2025 2:06 pm
Operator : jeniferw
Sample : FC25417-8MSD Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 17 20:54:04 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

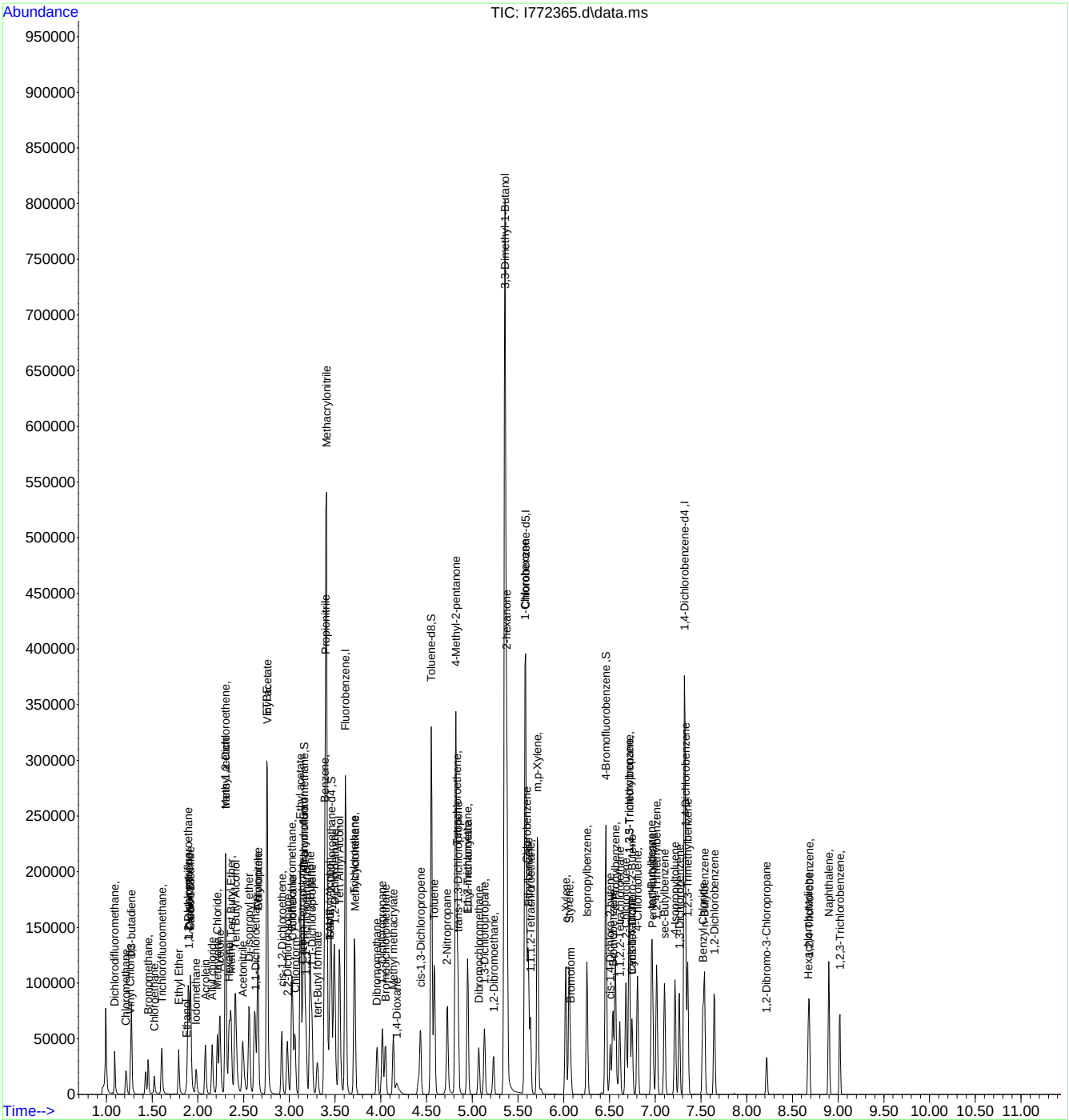
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) Hexachlorobutadiene	8.673	225	5367	24.7862	ug/L	92
110) 1,2,4-Trichlorobenzene	8.685	180	14915	23.9017	ug/L	96
111) Naphthalene	8.899	128	58126	23.2738	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	14963	24.9886	ug/L	98

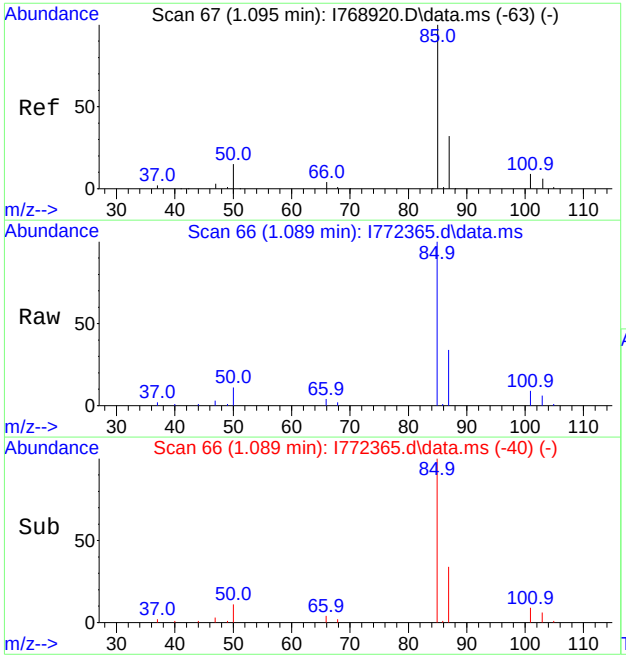
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772365.d
Acq On : 17 Jun 2025 2:06 pm
Operator : jeniferw
Sample : FC25417-8MSD Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 17 20:54:04 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

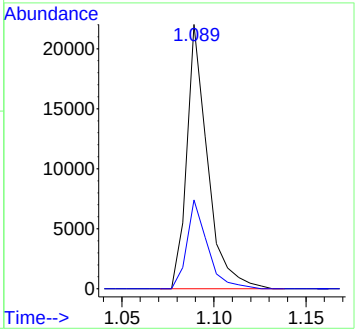


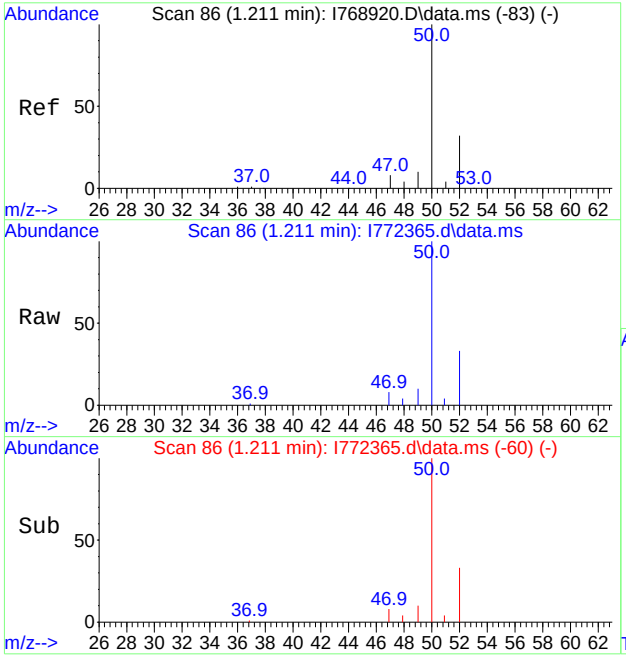


#2
Dichlorodifluoromethane
Concen: 20.7248 ug/L
RT: 1.089 min Scan# 66
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 85 Resp: 17307

Ion	Ratio	Lower	Upper
85	100		
87	33.6	3.4	63.4

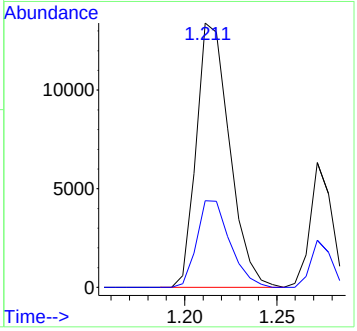


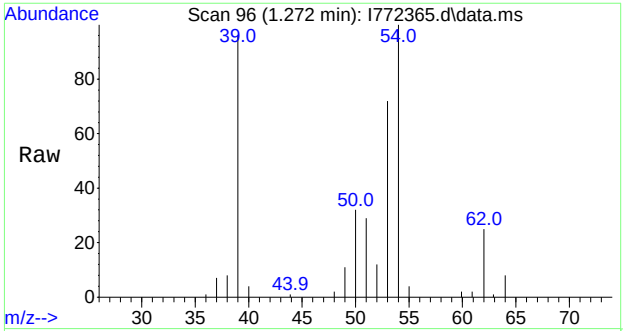


#3
Chloromethane
Concen: 22.5195 ug/L
RT: 1.211 min Scan# 86
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 50 Resp: 16840

Ion	Ratio	Lower	Upper
50	100		
52	32.7	1.8	61.8

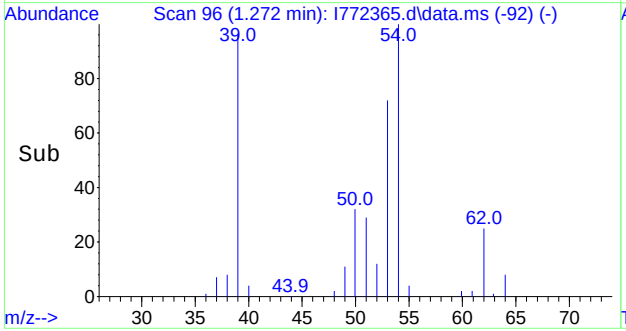


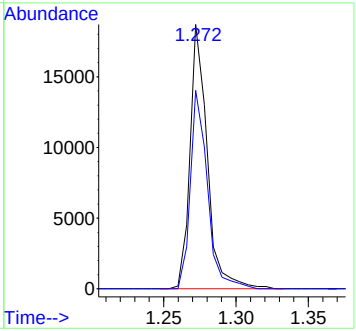


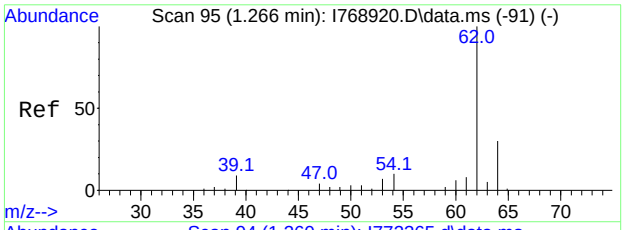
#4
1,3-butadiene
Concen: 26.0167 ug/L
RT: 1.272 min Scan# 96
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 39 Resp: 15530

Ion	Ratio	Lower	Upper
39	100		
53	75.1	52.1	92.1



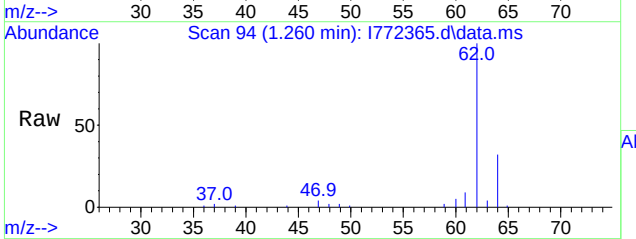


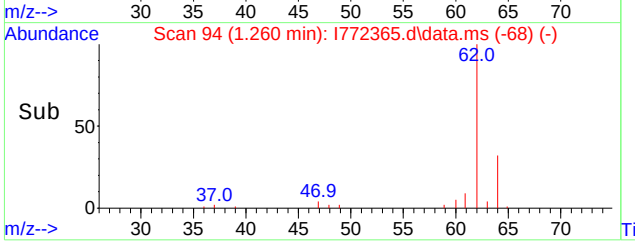


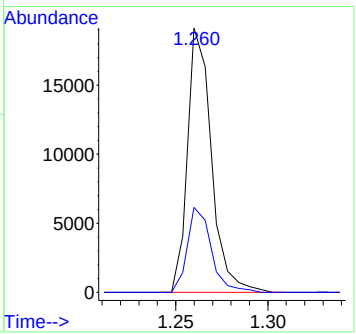
#5
Vinyl Chloride
Concen: 23.2198 ug/L
RT: 1.260 min Scan# 94
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

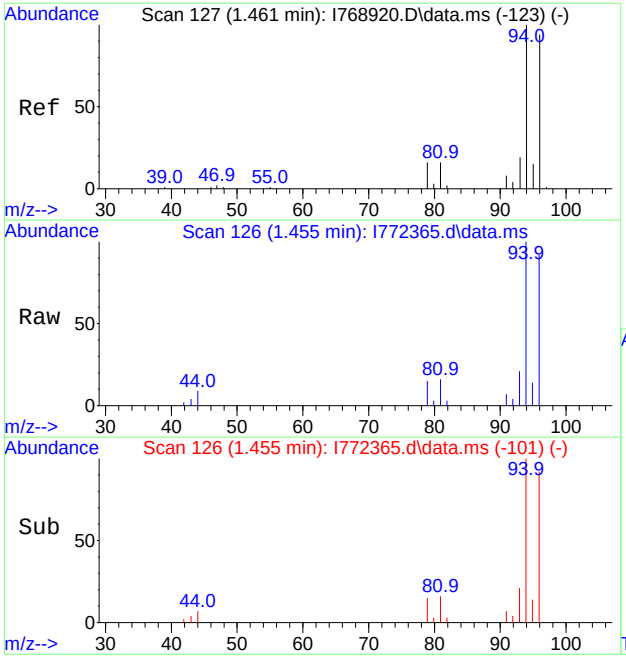
Tgt Ion: 62 Resp: 17326

Ion	Ratio	Lower	Upper
62	100		
64	32.1	1.6	61.6





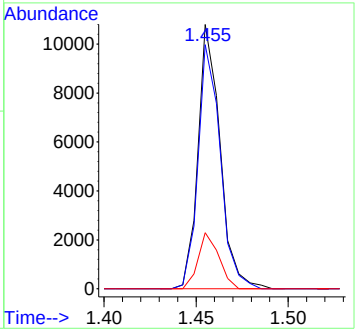


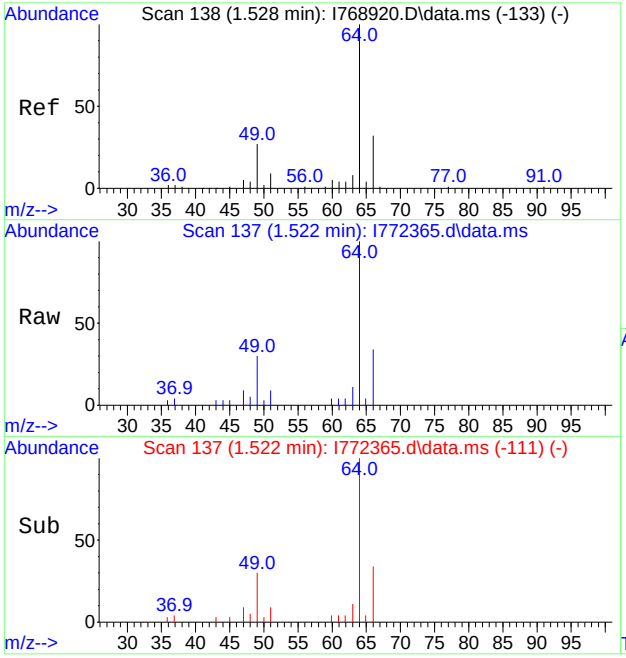


#6
Bromomethane
Concen: 20.8699 ug/L
RT: 1.455 min Scan# 126
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 94 Resp: 9012

Ion	Ratio	Lower	Upper
94	100		
96	92.3	64.0	124.0
93	21.2	0.0	51.3

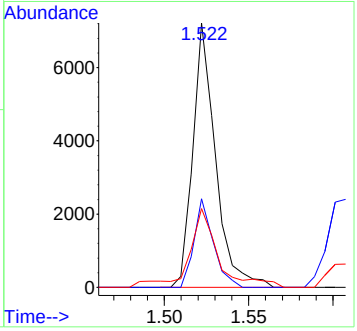


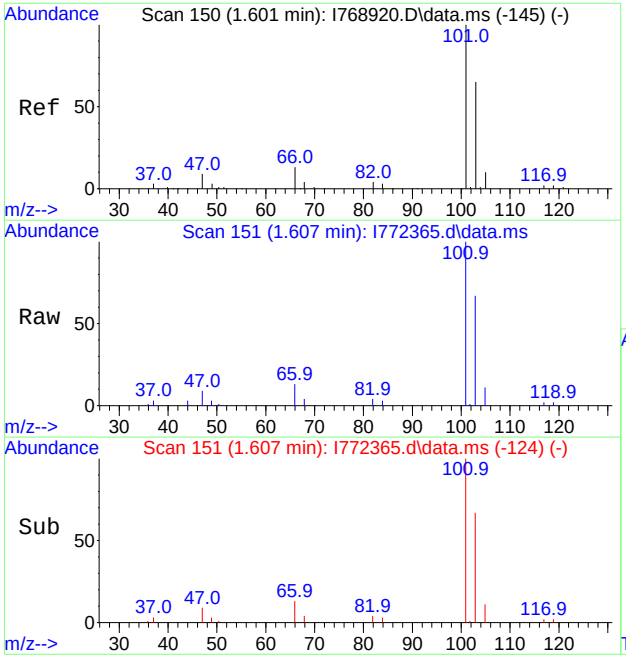


#7
Chloroethane
Concen: 20.3595 ug/L
RT: 1.522 min Scan# 137
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 64 Resp: 6762

Ion	Ratio	Lower	Upper
64	100		
66	33.6	1.7	61.7
49	29.8	0.0	58.5

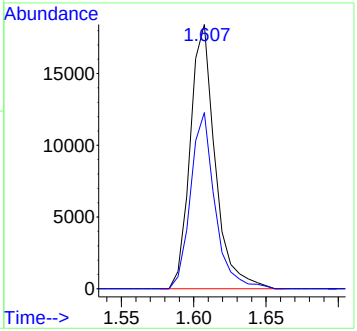


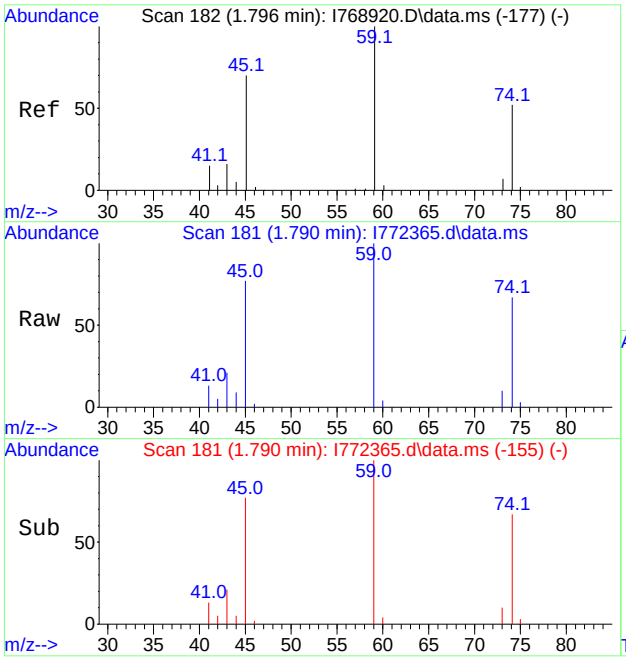


#8
Trichlorofluoromethane
Concen: 21.9432 ug/L
RT: 1.607 min Scan# 151
Delta R.T. 0.012 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:101 Resp: 22176

Ion	Ratio	Lower	Upper
101	100		
103	66.7	36.2	96.2

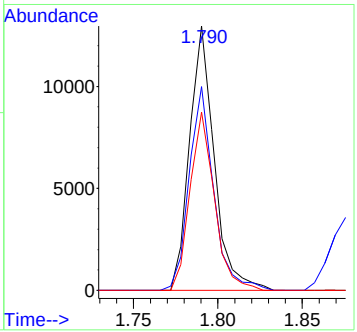


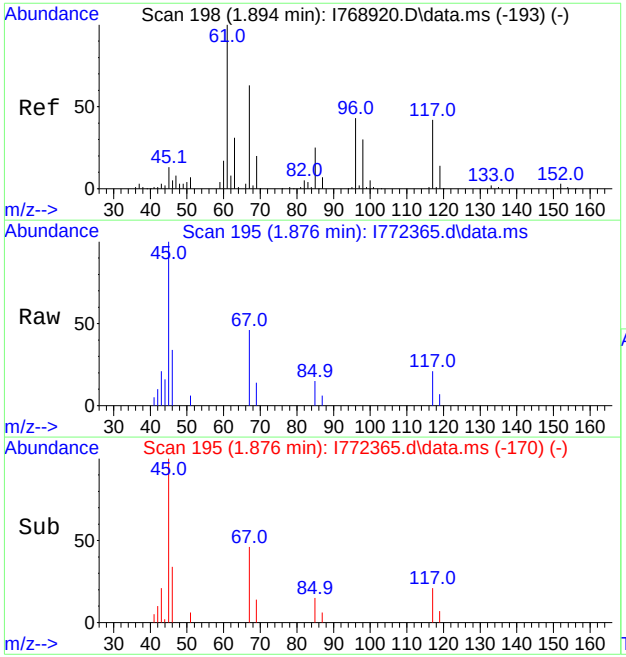


#9
Ethyl Ether
Concen: 21.4374 ug/L
RT: 1.790 min Scan# 181
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 59 Resp: 13224

Ion	Ratio	Lower	Upper
59	100		
45	77.0	54.5	94.5
74	67.4	45.8	85.8

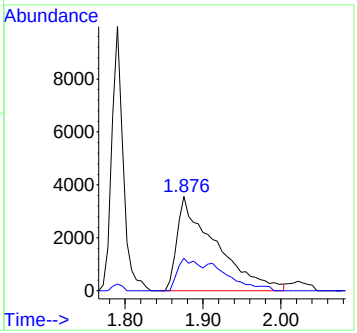


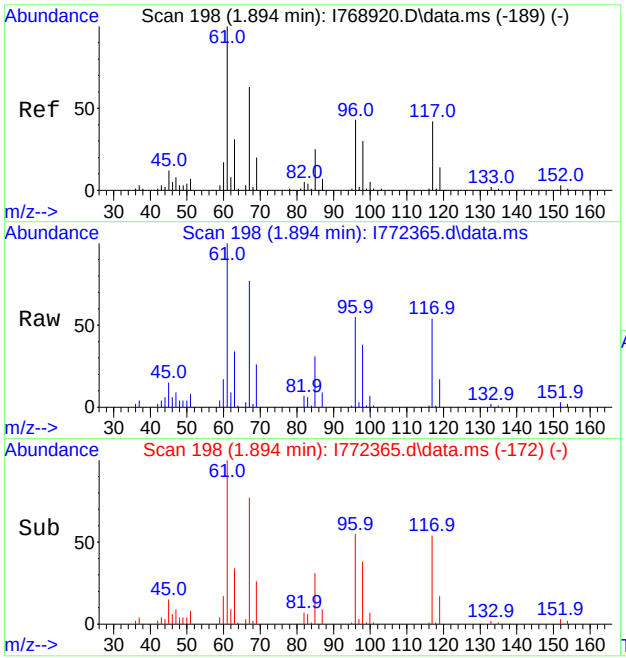


#10
Ethanol
Concen: 523.1878 ug/L
RT: 1.876 min Scan# 195
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 45 Resp: 12195

Ion	Ratio	Lower	Upper
45	100		
46	34.3	15.0	55.0

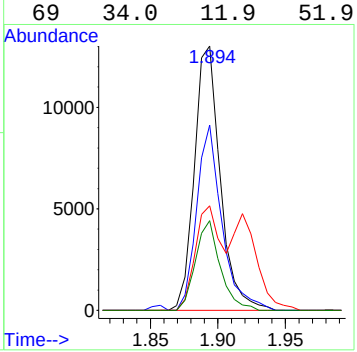


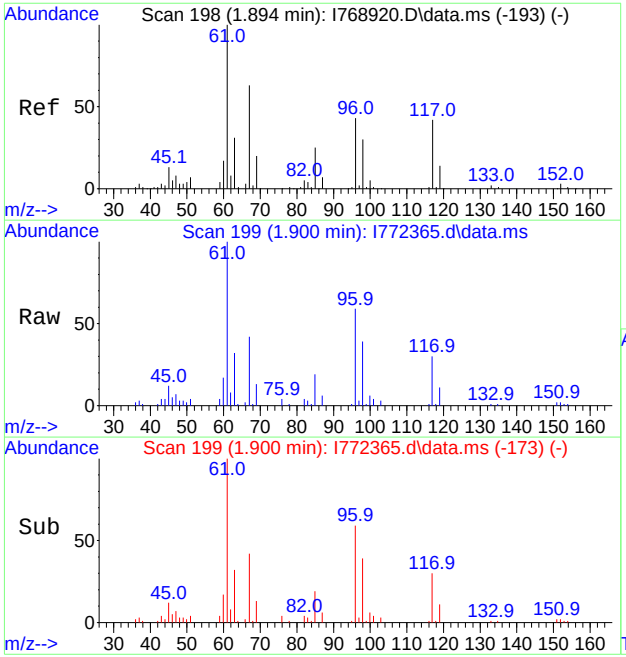


#11
1,2-Dichlorotrifluoroethane
Concen: 23.9516 ug/L
RT: 1.894 min Scan# 198
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 67 Resp: 17435

Ion	Ratio	Lower	Upper
67	100		
117	70.0	44.4	84.4
85	39.5	19.8	59.8
69	34.0	11.9	51.9

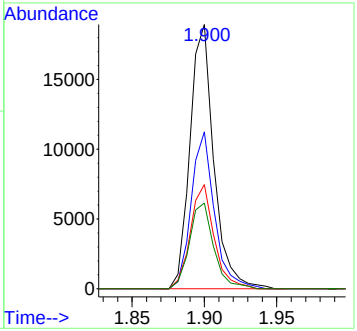


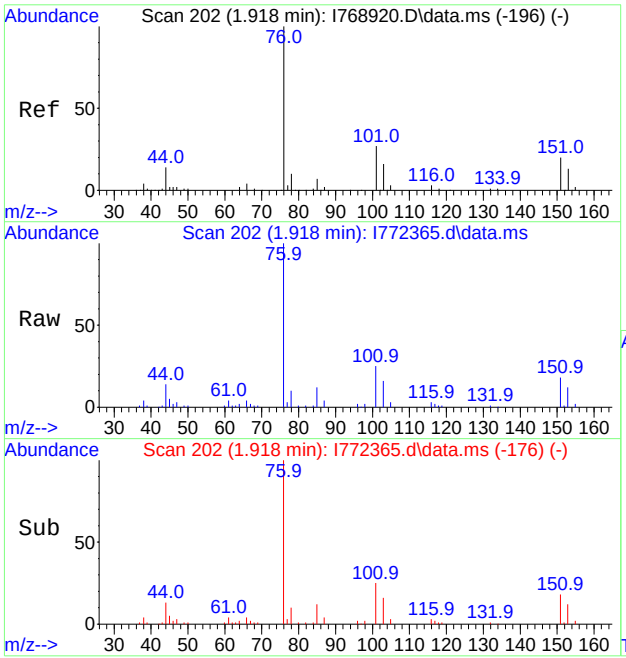


#12
1,1-Dichloroethene
Concen: 23.2357 ug/L
RT: 1.900 min Scan# 199
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 61 Resp: 21742

Ion	Ratio	Lower	Upper
61	100		
96	59.3	20.8	80.8
98	39.5	2.4	62.4
63	32.5	1.5	61.5

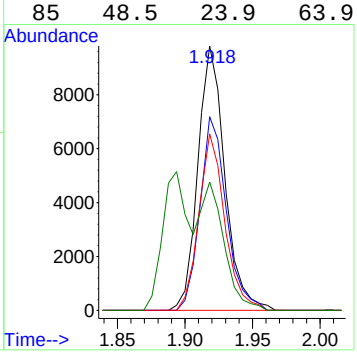


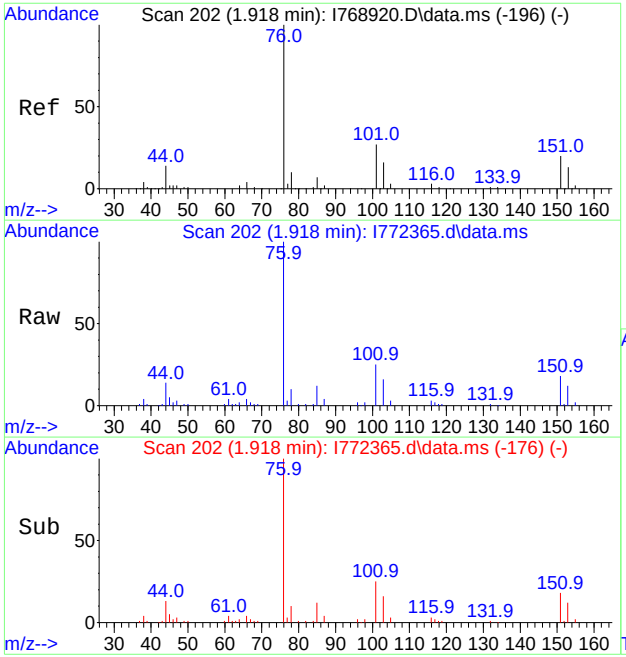


#13
Freon 113
Concen: 24.7597 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:101 Resp: 13624

Ion	Ratio	Lower	Upper
101	100		
151	73.3	60.3	100.3
103	66.8	43.0	83.0
85	48.5	23.9	63.9

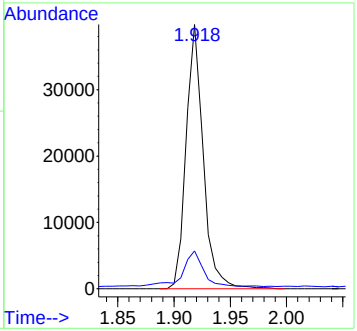


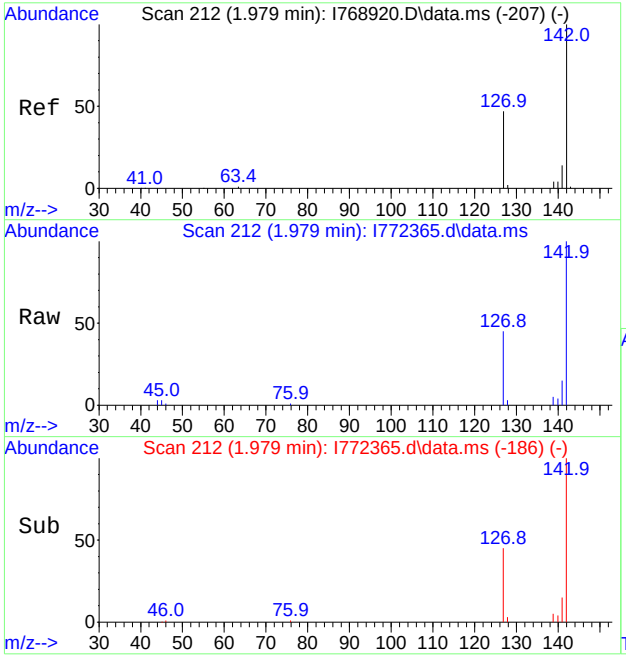


#14
Carbon Disulfide
Concen: 22.5586 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 76 Resp: 42267

Ion	Ratio	Lower	Upper
76	100		
44	13.4	0.0	46.2

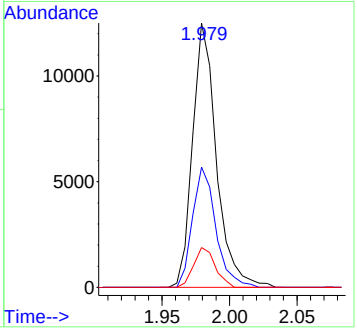


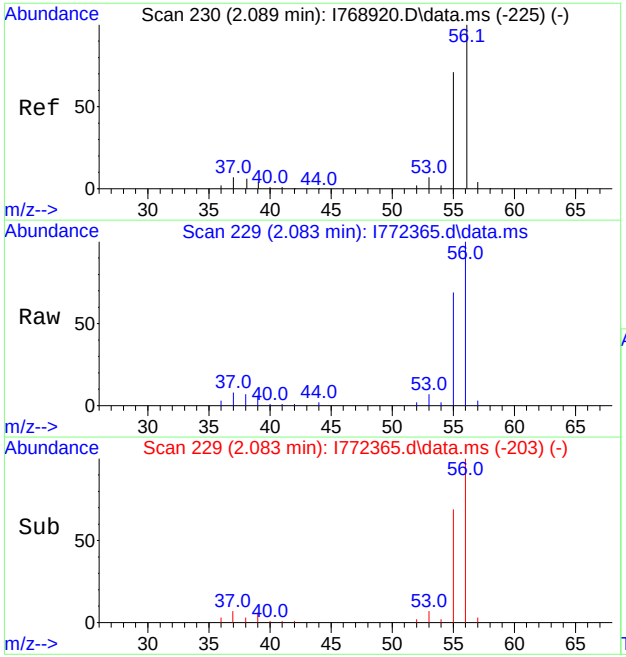


#15
Iodomethane
Concen: 26.6187 ug/L
RT: 1.979 min Scan# 212
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:142 Resp: 15395

Ion	Ratio	Lower	Upper
142	100		
127	45.5	23.5	63.5
141	15.1	0.0	34.0

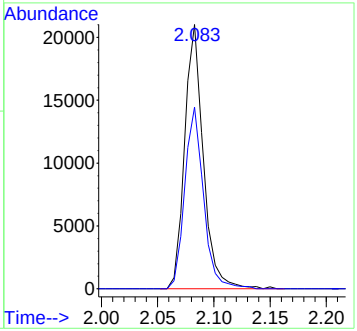


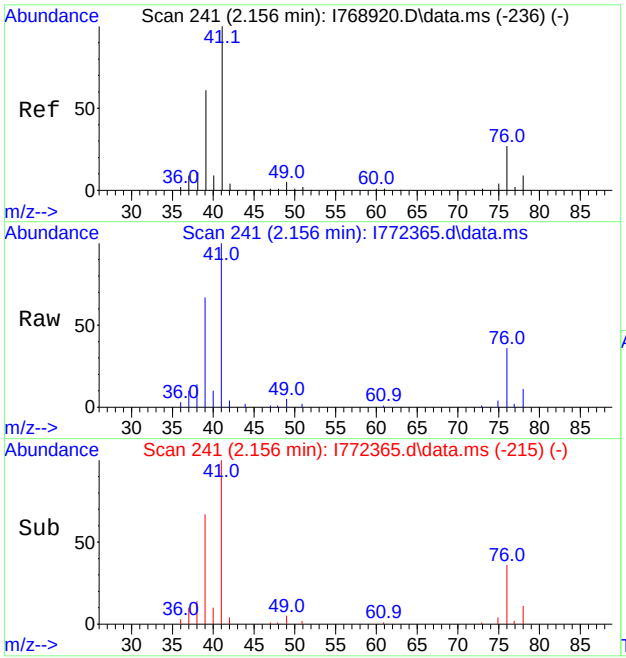


#16
Acrolein
Concen: 99.7213 ug/L
RT: 2.083 min Scan# 229
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 56 Resp: 24250

Ion	Ratio	Lower	Upper
56	100		
55	68.7	42.3	102.3

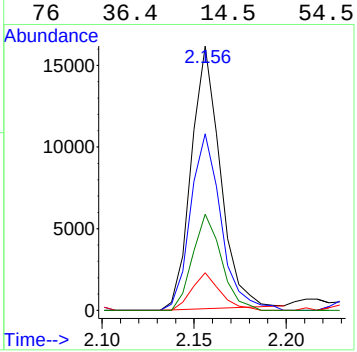


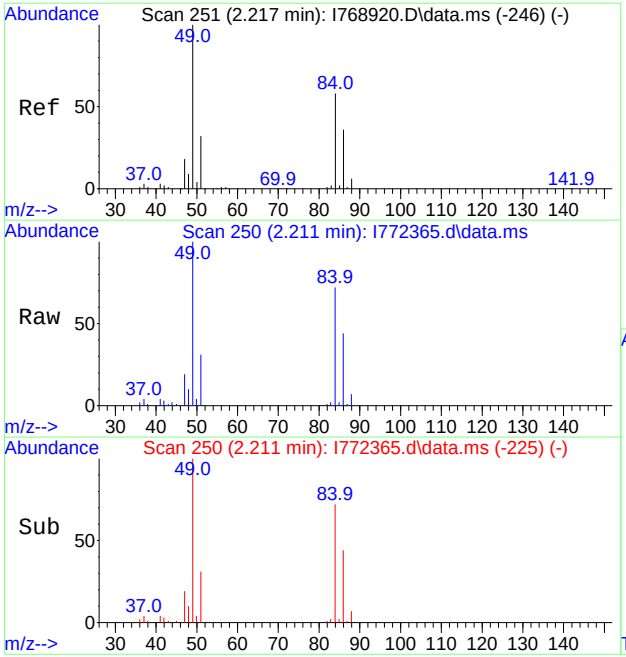


#17
Allyl chloride
Concen: 17.2603 ug/L
RT: 2.156 min Scan# 241
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 41 Resp: 17655

Ion	Ratio	Lower	Upper
41	100		
39	66.8	52.4	92.4
38	14.3	0.0	35.2
76	36.4	14.5	54.5

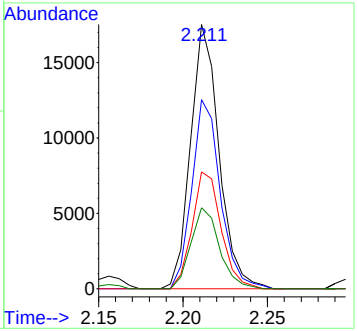


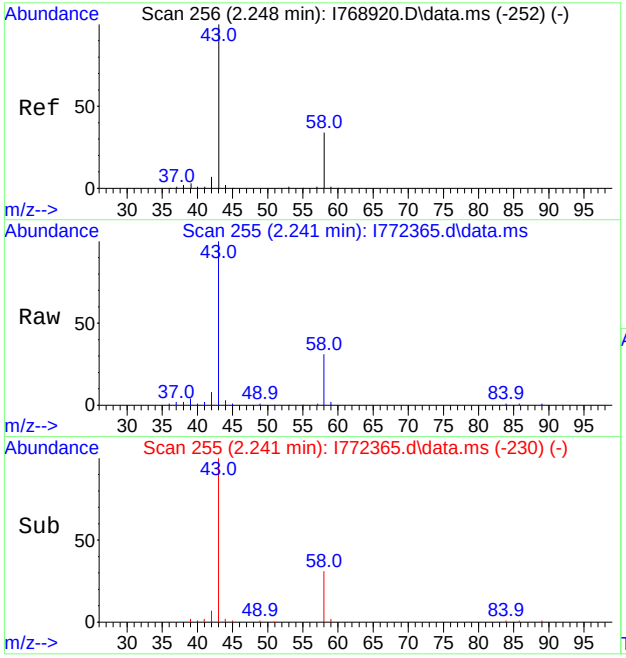


#18
Methylene Chloride
Concen: 21.7513 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 49 Resp: 20618

Ion	Ratio	Lower	Upper
49	100		
84	71.5	36.5	96.5
86	44.2	12.8	72.8
51	30.7	0.5	60.5

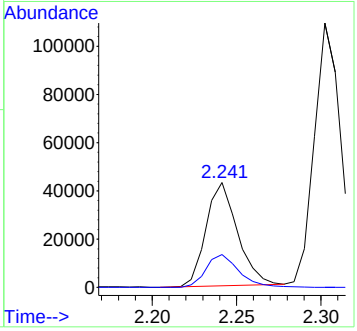


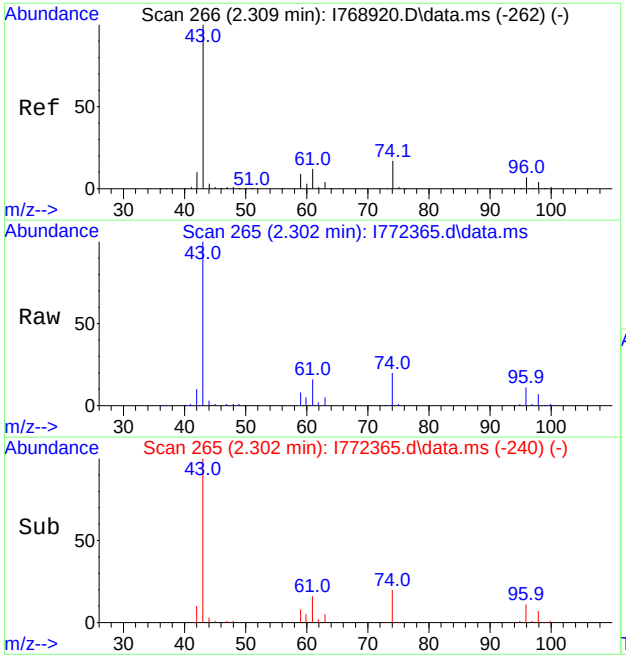


#19
Acetone
Concen: 114.2599 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 55642

Ion	Ratio	Lower	Upper
43	100		
58	31.3	0.0	60.0

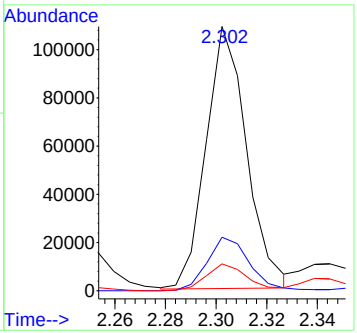


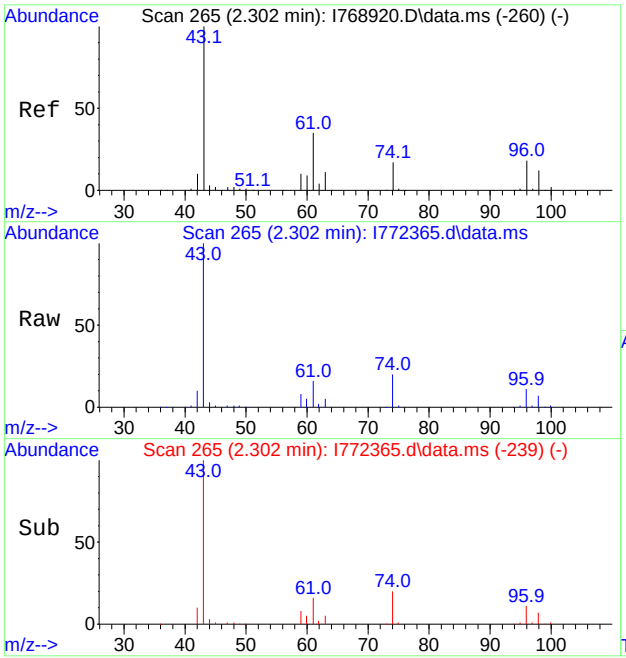


#20
Methyl acetate
Concen: 104.8938 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 121505

Ion	Ratio	Lower	Upper
43	100		
74	20.5	0.0	38.6
42	10.3	0.0	30.8

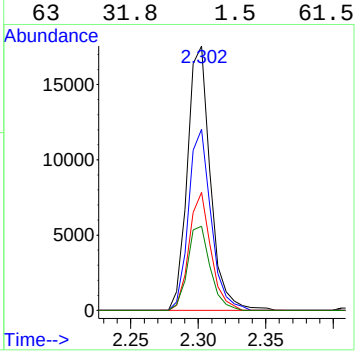


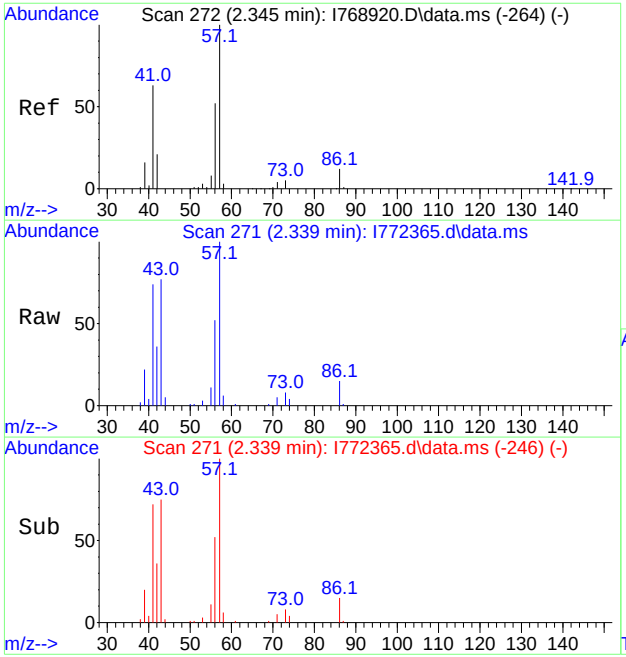


#21
trans-1,2-Dichloroethene
Concen: 23.2741 ug/L
RT: 2.302 min Scan# 265
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 61 Resp: 20814

Ion	Ratio	Lower	Upper
61	100		
96	68.5	28.4	88.4
98	44.7	5.8	65.8
63	31.8	1.5	61.5

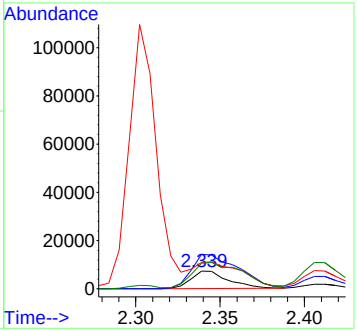


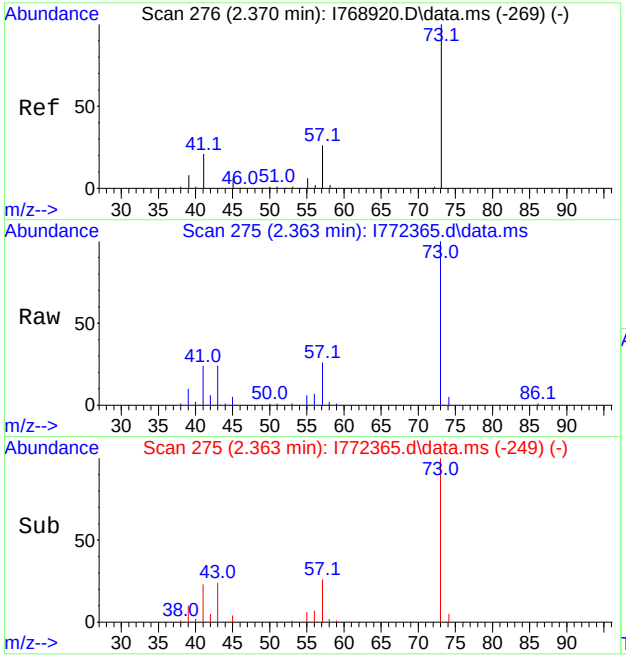


#22
Hexane
Concen: 22.6459 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 56 Resp: 11056

Ion	Ratio	Lower	Upper
56	100		
57	193.8	212.2	252.2#
43	132.9	148.9	188.9#
41	136.7	164.6	204.6#

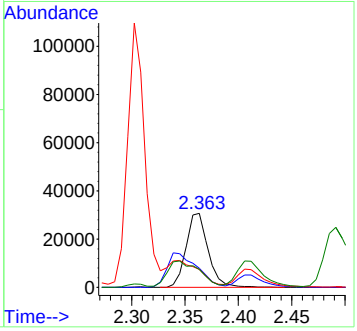


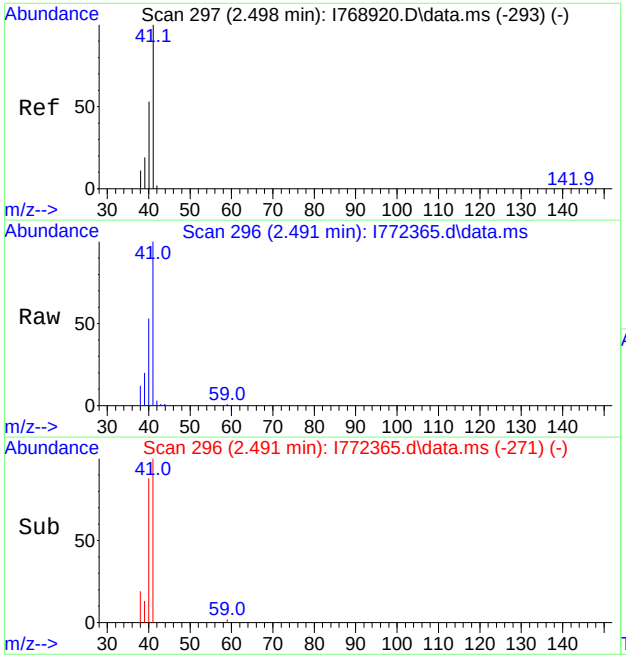


#23
Methyl Tert Butyl Ether
Concen: 22.3945 ug/L
RT: 2.363 min Scan# 275
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 73 Resp: 44291

Ion	Ratio	Lower	Upper
73	100		
57	24.2	34.2	94.2#
43	21.5	22.0	82.0#
41	20.5	25.0	85.0#

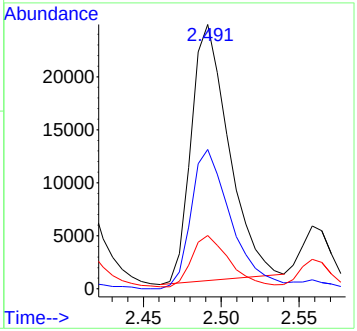


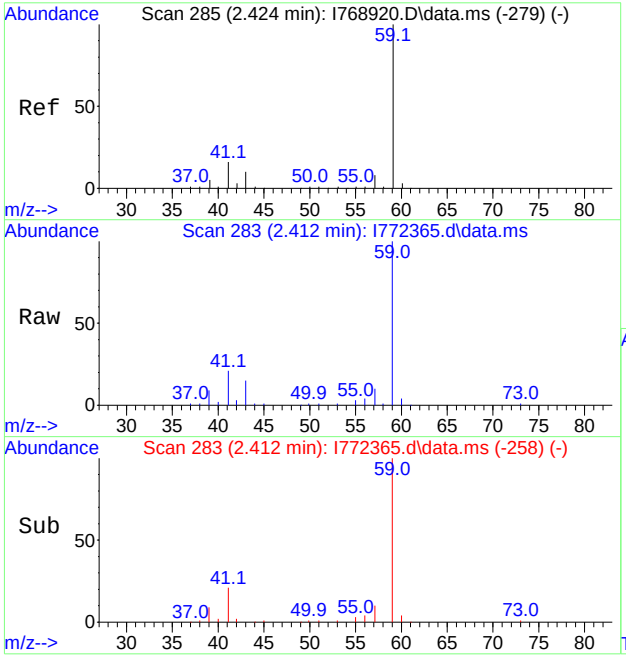


#24
Acetonitrile
Concen: 233.4650 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 41 Resp: 40579

Ion	Ratio	Lower	Upper
41	100		
40	53.5	35.0	75.0
39	19.7	0.0	40.0

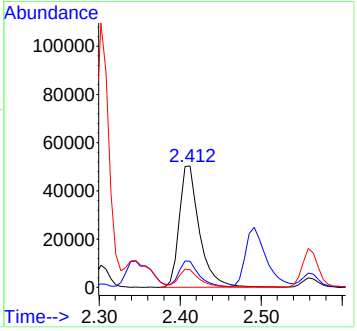


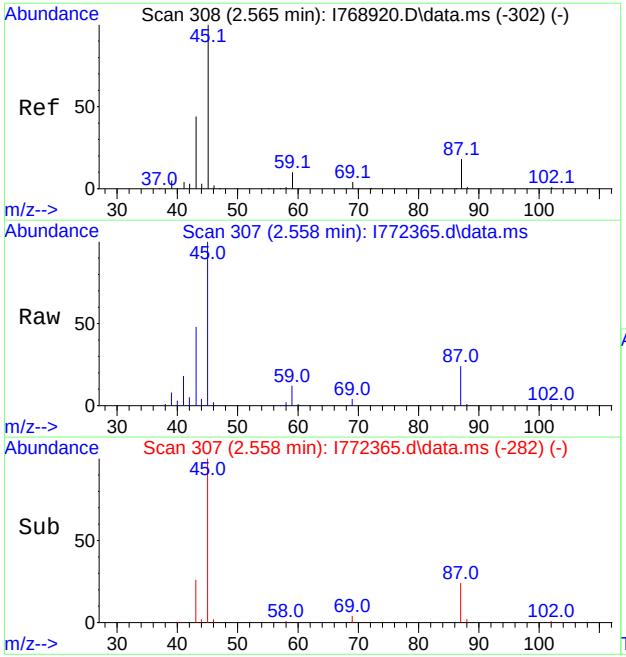


#25
Tert Butyl Alcohol
Concen: 287.9456 ug/L
RT: 2.412 min Scan# 283
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 59 Resp: 86973

Ion	Ratio	Lower	Upper
59	100		
41	17.0	8.6	48.6
43	14.5	5.3	45.3

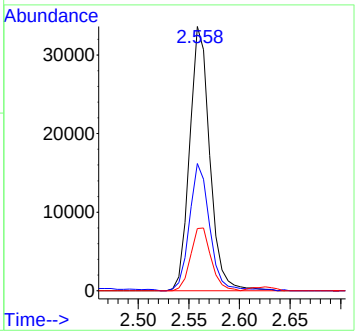


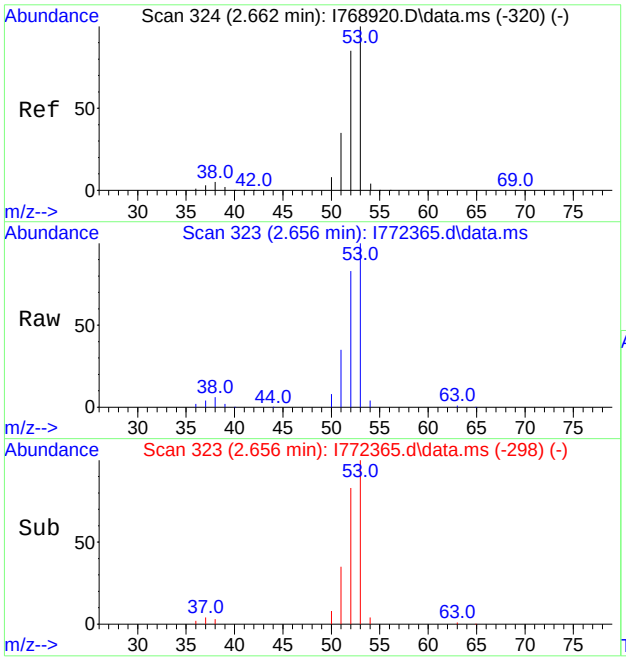


#26
Di-isopropyl ether
Concen: 22.8861 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 45 Resp: 46655

Ion	Ratio	Lower	Upper
45	100		
43	48.1	17.5	77.5
87	23.5	0.0	52.1

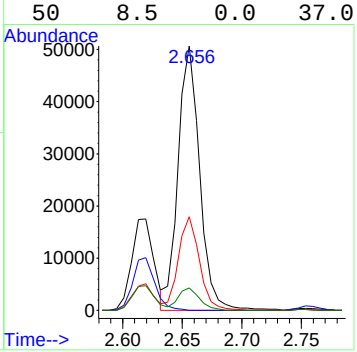


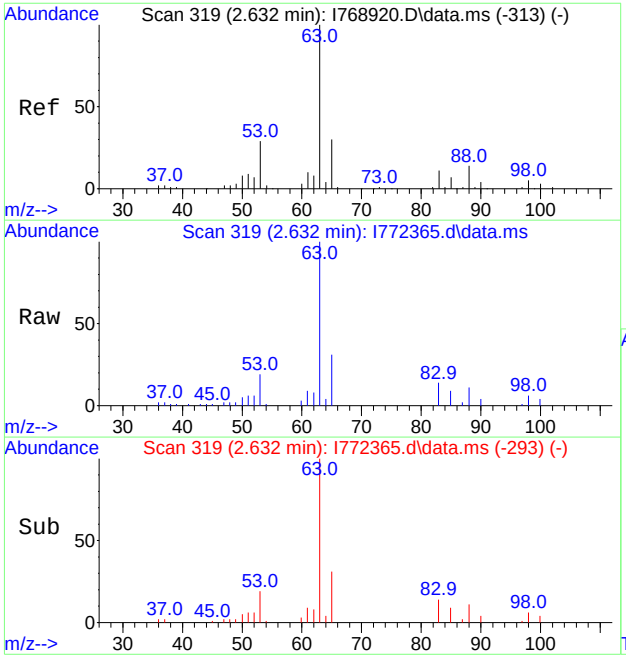


#27
Chloroprene
Concen: 26.5674 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 53 Resp: 64269

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	35.5	12.9	52.9
50	8.5	0.0	37.0

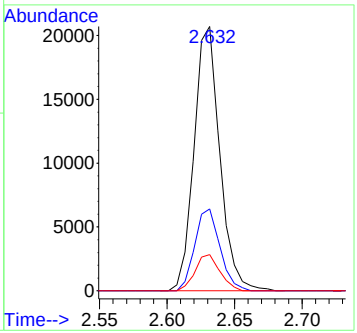


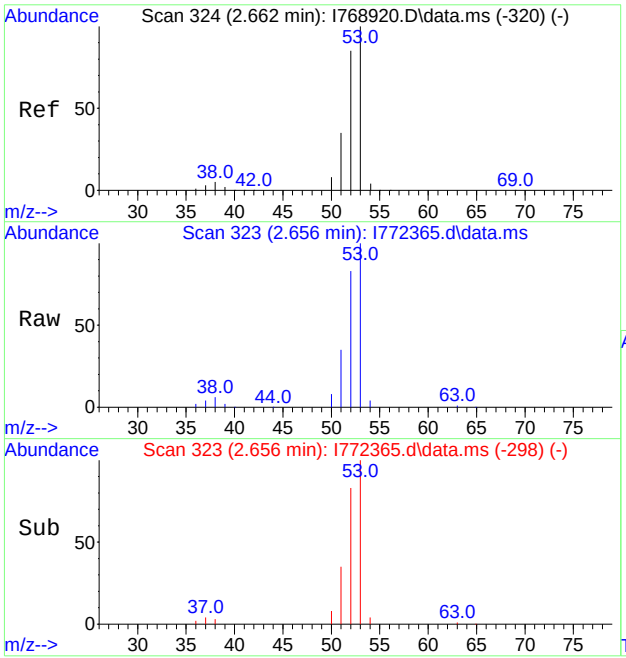


#28
1,1-Dichloroethane
Concen: 24.6514 ug/L
RT: 2.632 min Scan# 319
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 63 Resp: 27525

Ion	Ratio	Lower	Upper
63	100		
65	31.0	0.0	60.0
83	13.6	0.0	42.2

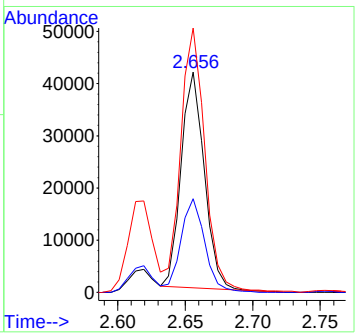


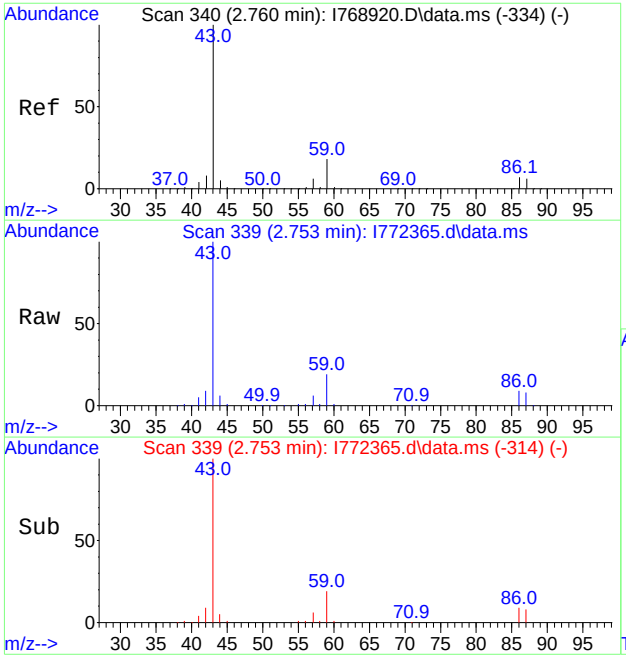


#29
Acrylonitrile
Concen: 125.0238 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 52 Resp: 49183

Ion	Ratio	Lower	Upper
52	100		
51	42.5	25.5	85.5
53	119.4	138.6	198.6#

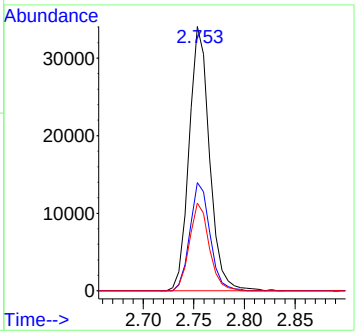


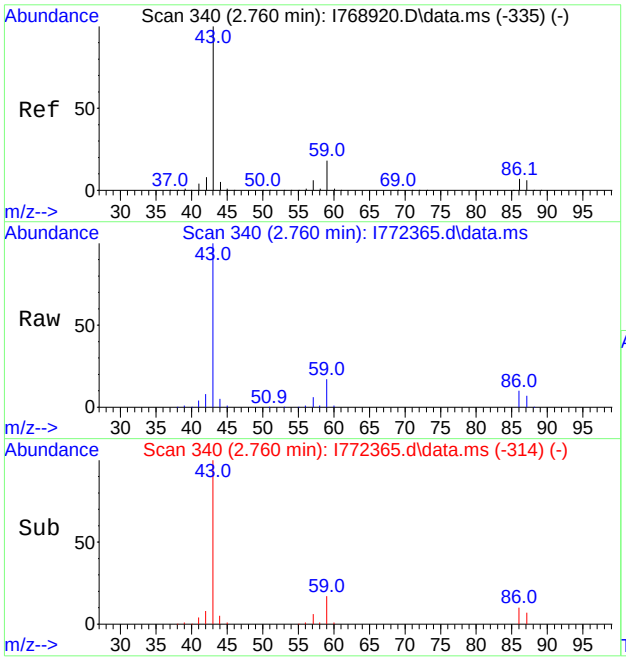


#30
ETBE
Concen: 23.6109 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 59 Resp: 47894

Ion	Ratio	Lower	Upper
59	100		
87	41.0	17.3	57.3
57	33.2	11.2	51.2

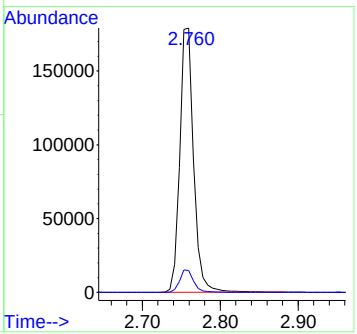


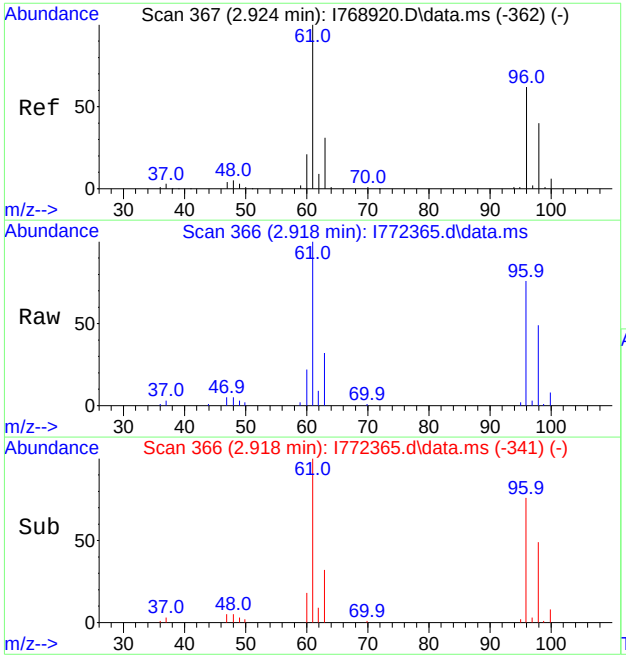


#31
Vinyl acetate
Concen: 122.2339 ug/L
RT: 2.760 min Scan# 340
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 222751

Ion	Ratio	Lower	Upper
43	100		
42	8.2	0.0	38.9

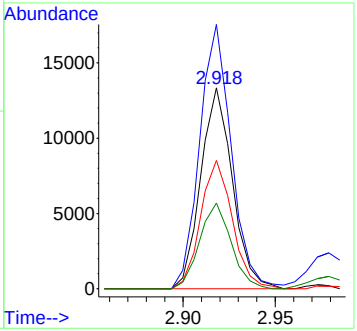


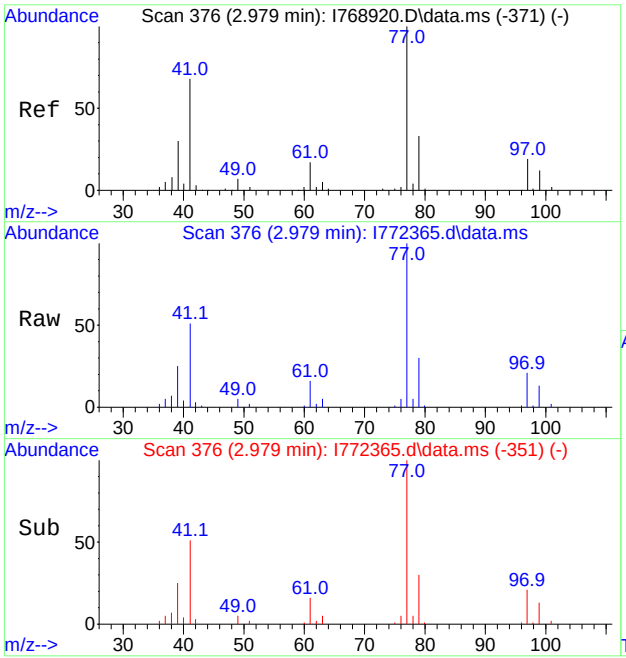


#32
cis-1,2-Dichloroethene
Concen: 25.6546 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 96 Resp: 16012

Ion	Ratio	Lower	Upper
96	100		
61	131.5	117.1	177.1
98	63.9	34.9	94.9
63	42.6	18.1	78.1

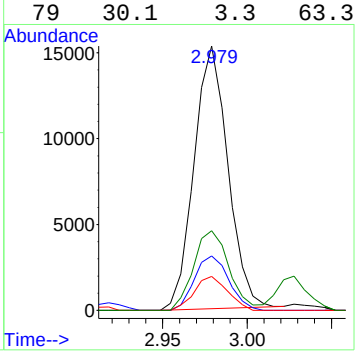


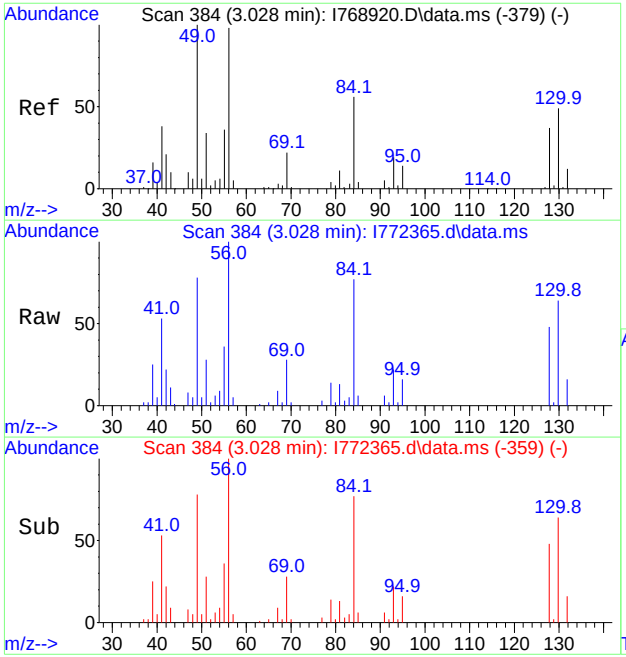


#33
2,2-Dichloropropane
Concen: 24.2337 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 77 Resp: 21392

Ion	Ratio	Lower	Upper
77	100		
97	20.6	0.0	50.9
99	12.8	0.0	43.6
79	30.1	3.3	63.3

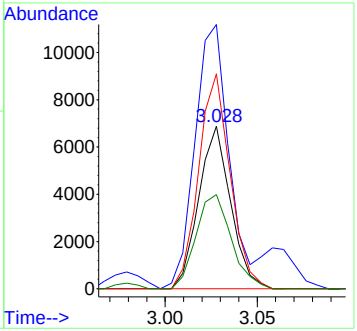


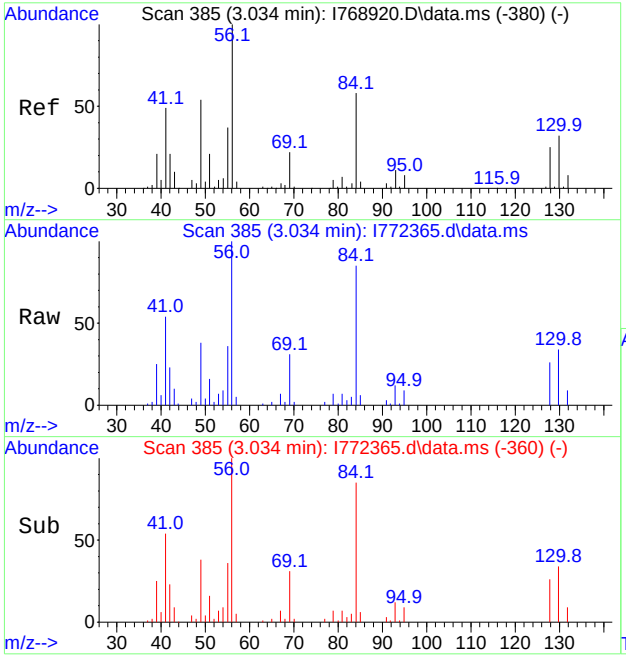


#34
Bromochloromethane
Concen: 26.7969 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:128 Resp: 8302

Ion	Ratio	Lower	Upper
128	100		
49	162.5	157.0	217.0
130	132.1	94.7	154.7
51	57.9	30.2	90.2

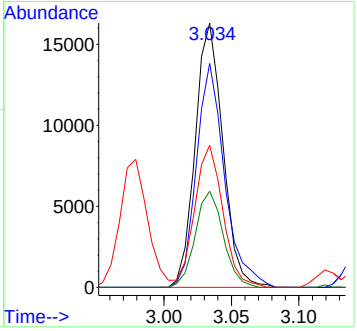


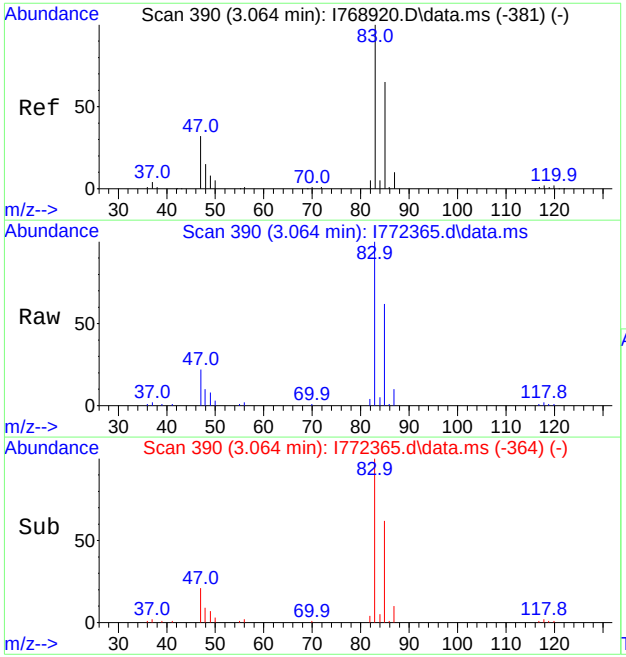


#35
Cyclohexane
Concen: 25.3759 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 56 Resp: 23306

Ion	Ratio	Lower	Upper
56	100		
84	84.6	56.7	96.7
41	53.8	37.5	77.5
55	36.3	16.9	56.9

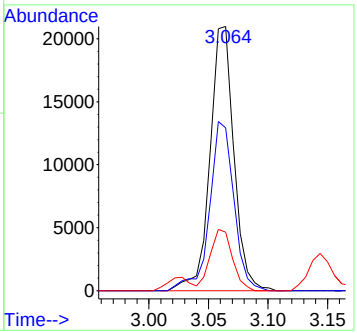


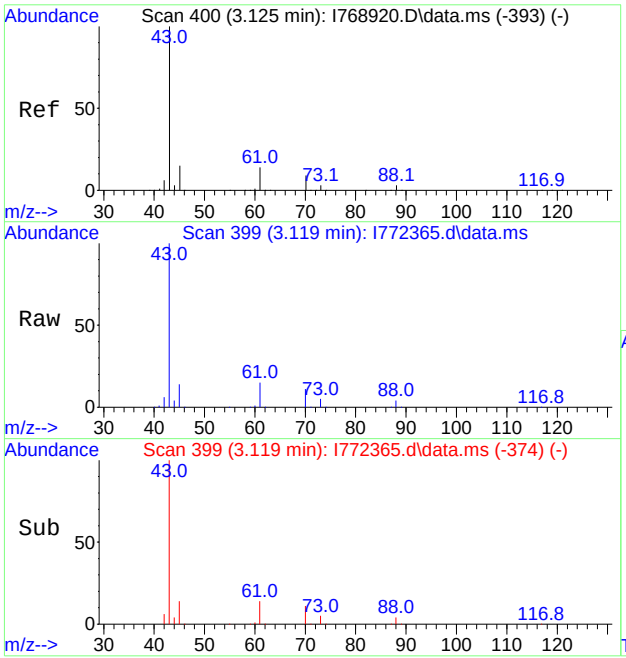


#36
Chloroform
Concen: 25.2330 ug/L
RT: 3.064 min Scan# 390
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 83 Resp: 29305

Ion	Ratio	Lower	Upper
83	100		
85	61.6	37.0	97.0
47	22.2	0.0	57.9

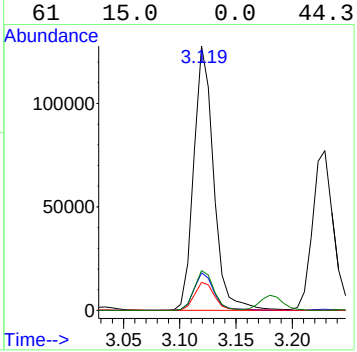


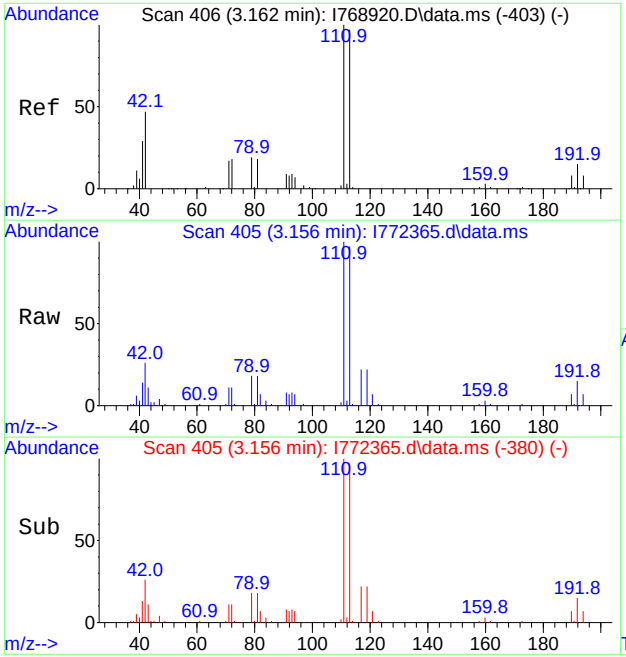


#37
Ethyl acetate
Concen: 120.4510 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 157624

Ion	Ratio	Lower	Upper
43	100		
45	14.2	0.0	44.8
70	10.6	0.0	40.6
61	15.0	0.0	44.3

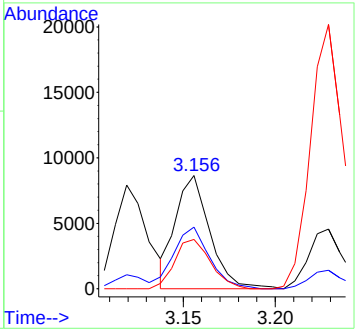


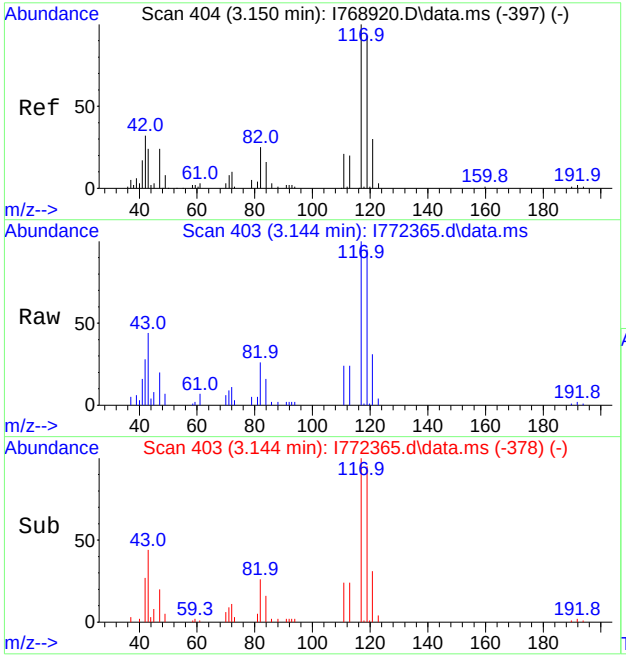


#38
Tetrahydrofuran
Concen: 22.0481 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 42 Resp: 11210

Ion	Ratio	Lower	Upper
42	100		
41	54.4	37.6	77.6
72	41.4	16.5	56.5

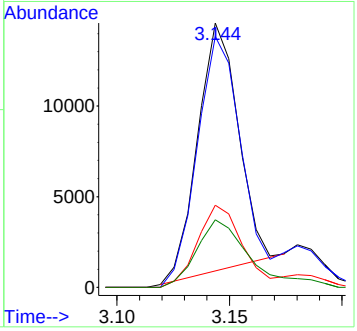


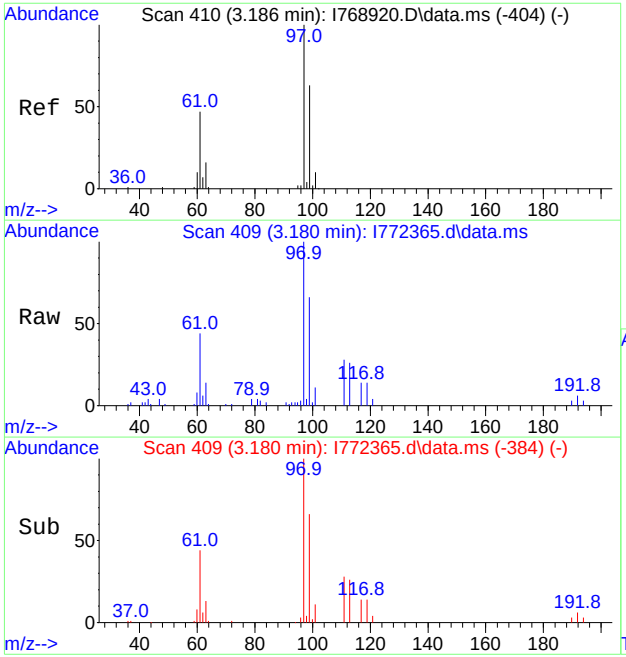


#40
Carbon Tetrachloride
Concen: 22.5581 ug/L
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:117 Resp: 17372

Ion	Ratio	Lower	Upper
117	100		
119	95.9	65.5	125.5
121	31.4	0.0	59.4
82	25.8	0.0	55.7

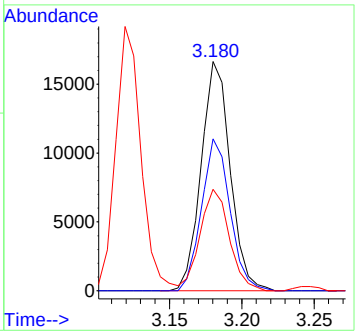


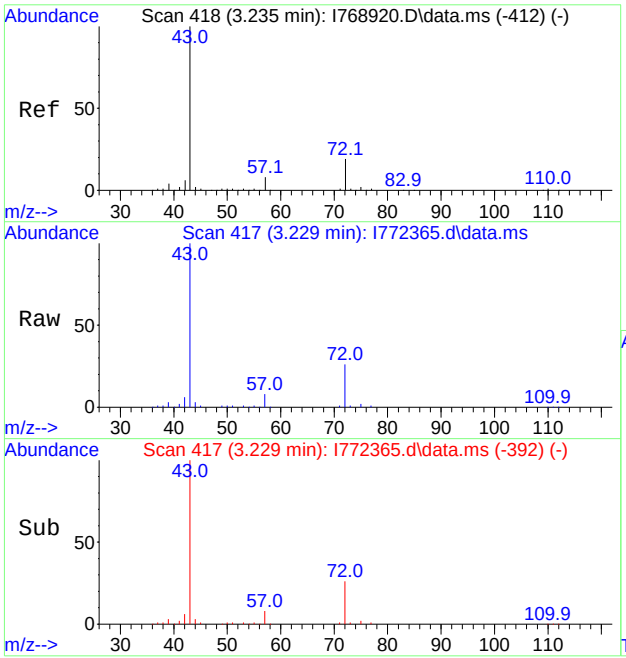


#41
1,1,1-Trichloroethane
Concen: 26.3012 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 97 Resp: 23291

Ion	Ratio	Lower	Upper
97	100		
99	66.2	32.6	92.6
61	44.2	21.2	81.2

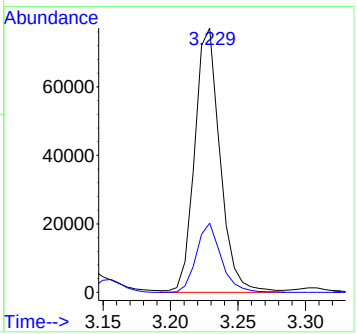


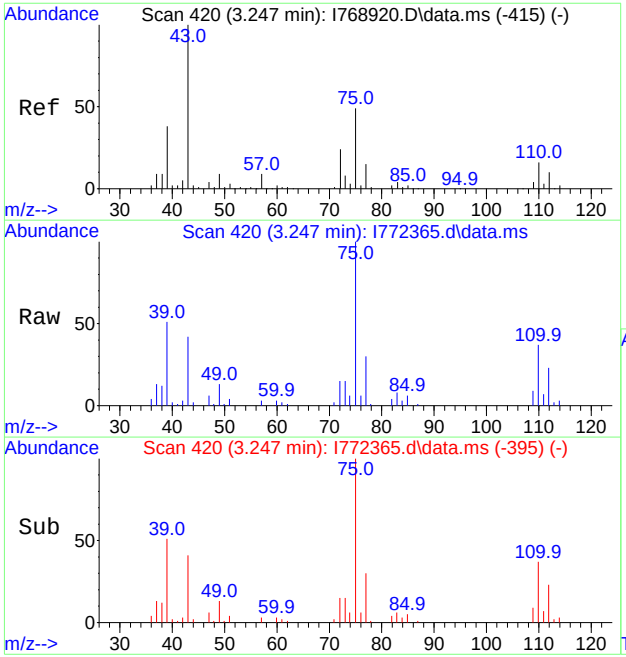


#42
2-Butanone
Concen: 127.5230 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 101311

Ion	Ratio	Lower	Upper
43	100		
72	26.3	0.0	51.3

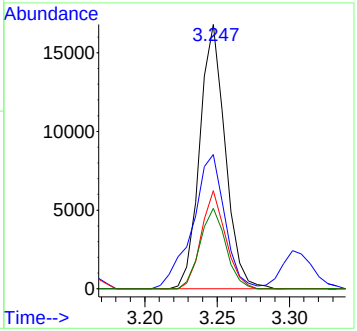


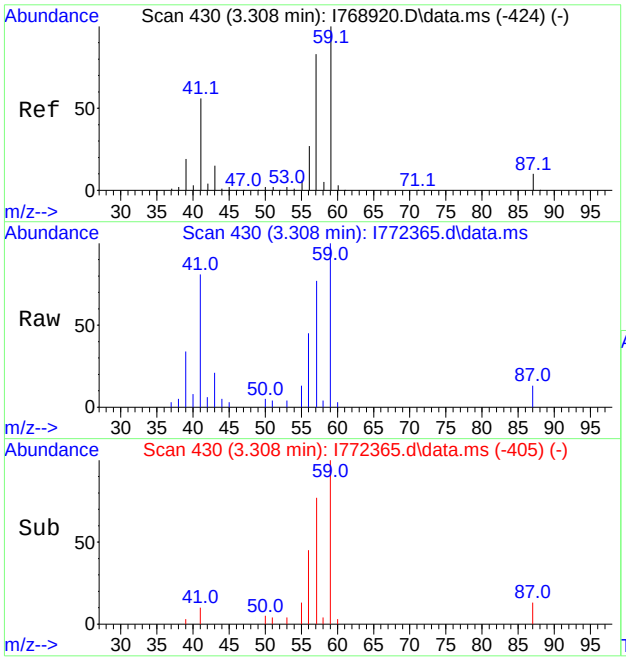


#43
1,1-Dichloropropene
Concen: 28.8494 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 75 Resp: 20578

Ion	Ratio	Lower	Upper
75	100		
39	49.5	36.7	96.7
110	37.1	4.9	64.9
77	30.4	0.9	60.9

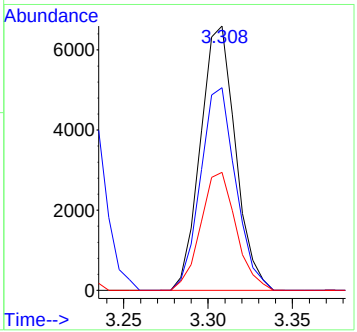


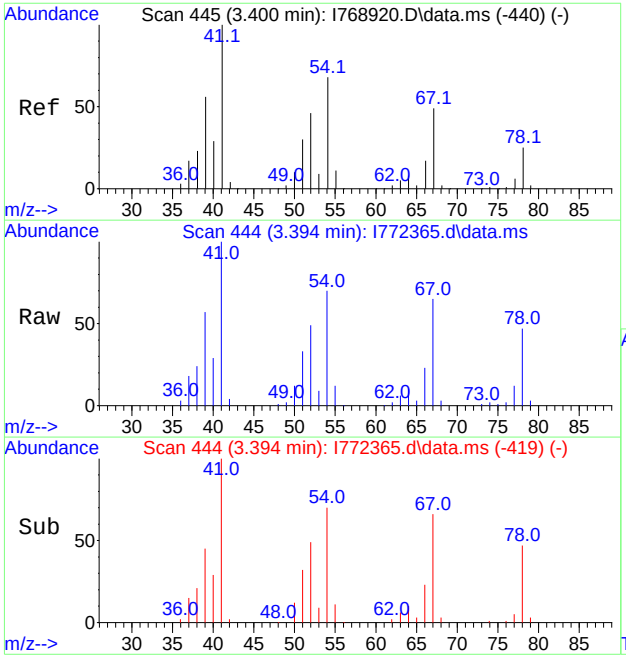


#44
tert-Butyl formate
Concen: 15.1906 ug/L
RT: 3.308 min Scan# 430
Delta R.T. 0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 59 Resp: 9543

Ion	Ratio	Lower	Upper
59	100		
57	76.6	59.2	99.2
56	44.6	6.0	46.0

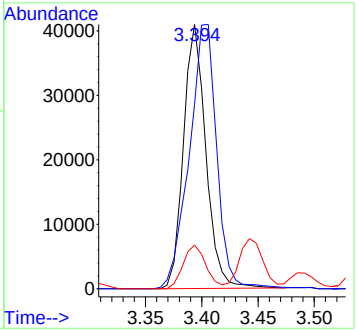


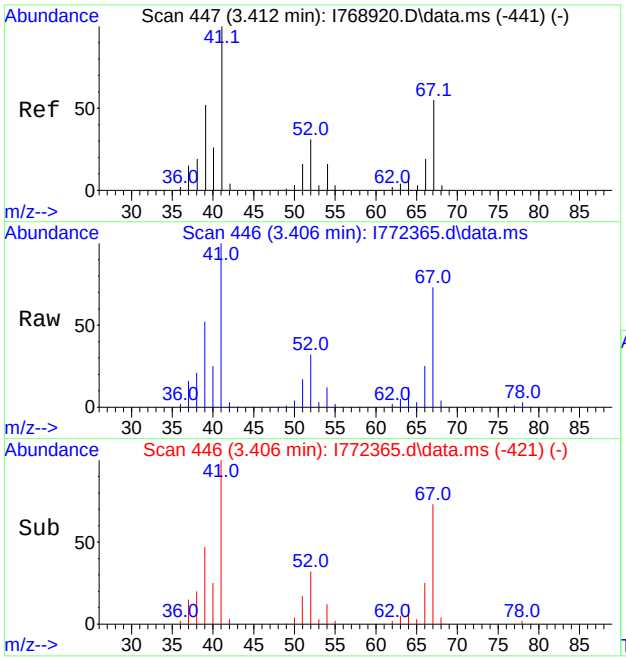


#45
Propionitrile
Concen: 253.9560 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 54 Resp: 56597

Ion	Ratio	Lower	Upper
54	100		
52	69.2	1.6	41.6#
55	16.5	0.0	34.8

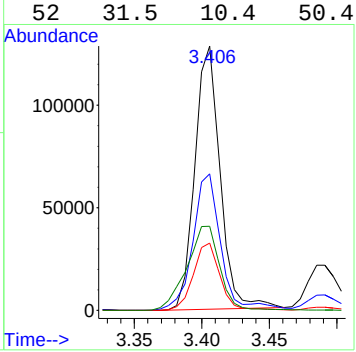


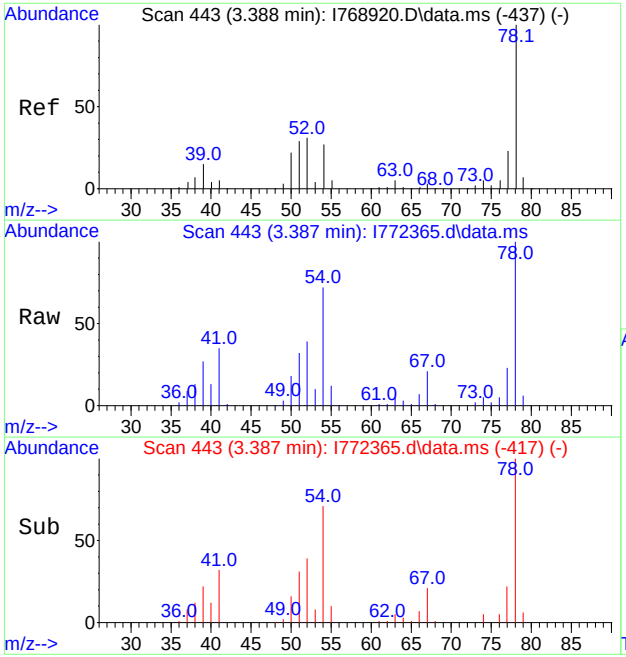


#46
Methacrylonitrile
Concen: 234.6121 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 41 Resp: 167290

Ion	Ratio	Lower	Upper
41	100		
39	51.1	36.3	76.3
40	25.5	5.3	45.3
52	31.5	10.4	50.4

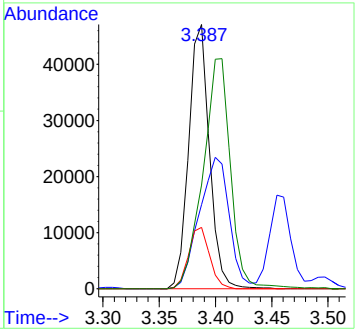


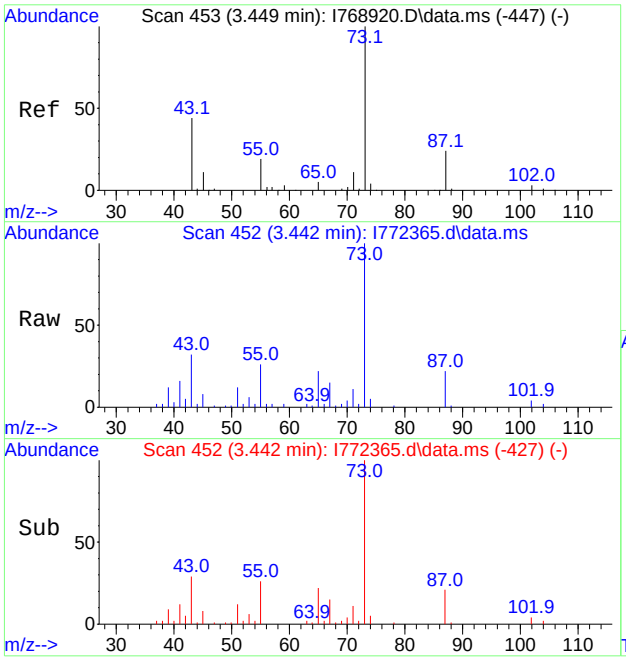


#47
Benzene
Concen: 25.7808 ug/L
RT: 3.387 min Scan# 443
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 78 Resp: 60525

Ion	Ratio	Lower	Upper
78	100		
51	31.8	0.0	51.7
77	23.2	0.0	53.1
52	39.2	0.0	54.6

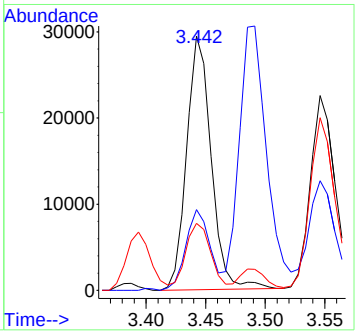


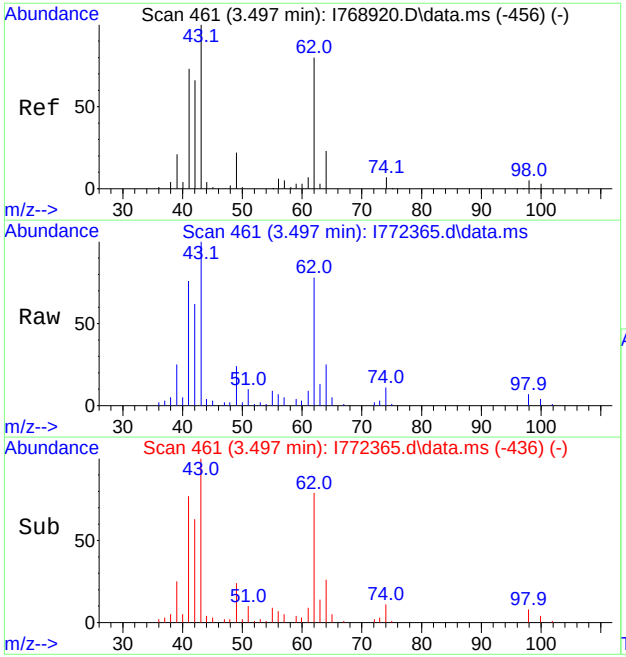


#48
TAME
Concen: 23.2463 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 73 Resp: 42262

Ion	Ratio	Lower	Upper
73	100		
43	31.8	52.3	92.3#
55	25.2	8.3	48.3

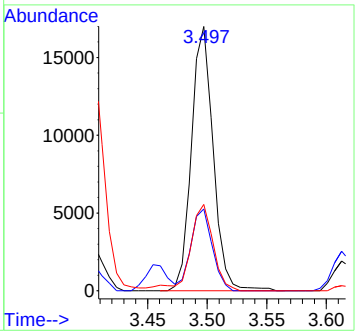


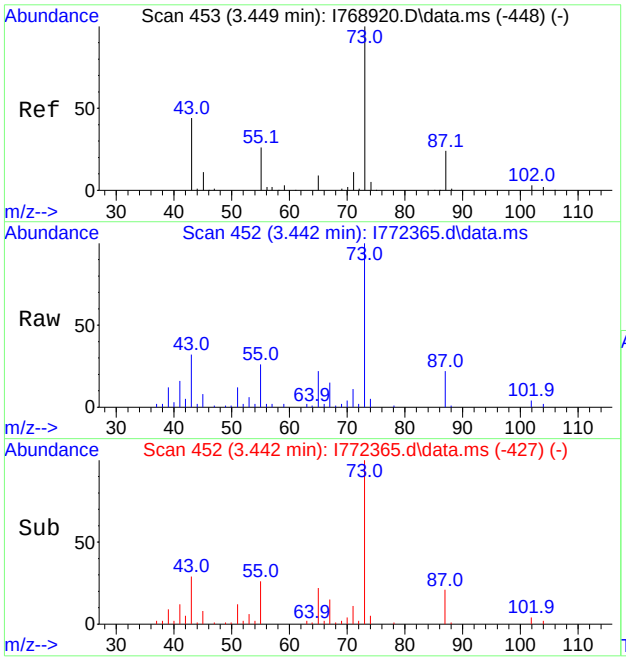


#50
1,2-Dichloroethane
Concen: 23.4875 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 62 Resp: 21624

Ion	Ratio	Lower	Upper
62	100		
49	30.9	0.0	59.2
64	32.6	1.9	61.9

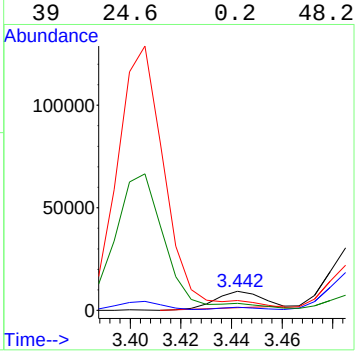


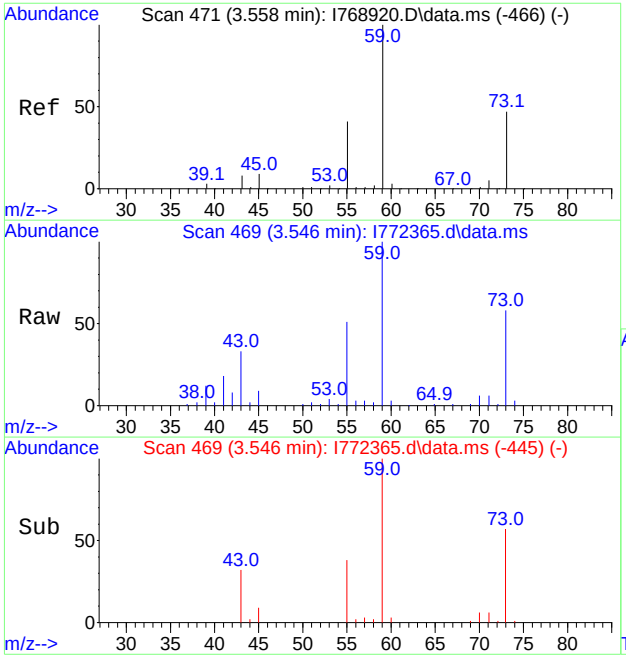


#51
Isobutyl Alcohol
Concen: 359.3009 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 10031

Ion	Ratio	Lower	Upper
43	100		
42	11.6	0.0	92.6
41	36.1	0.0	121.9
39	24.6	0.2	48.2

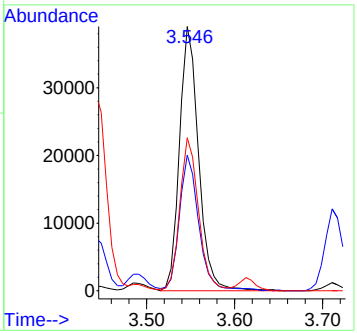


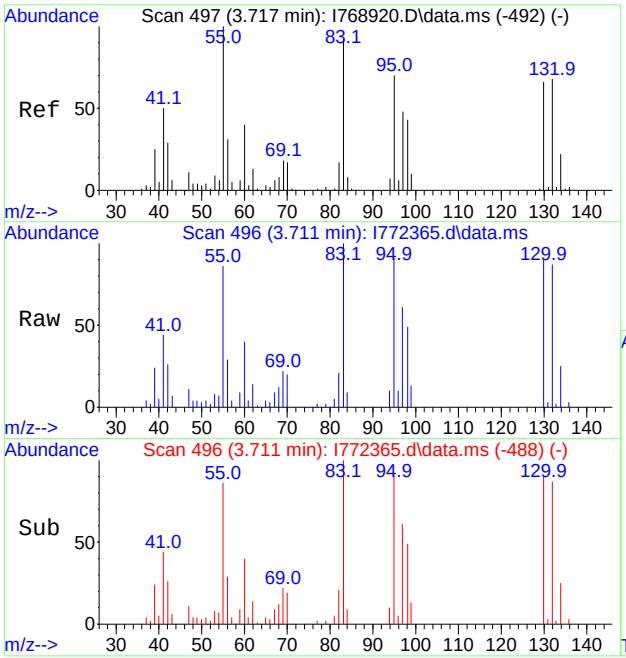


#52
Tert Amyl Alcohol
Concen: 251.6620 ug/L
RT: 3.546 min Scan# 469
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 59 Resp: 58744

Ion	Ratio	Lower	Upper
59	100		
55	51.3	13.4	73.4
73	57.9	26.6	86.6

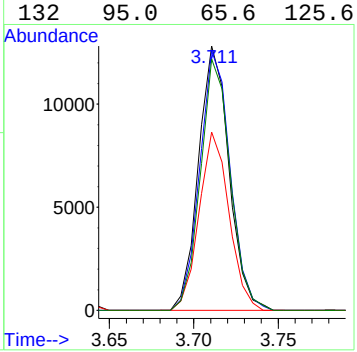


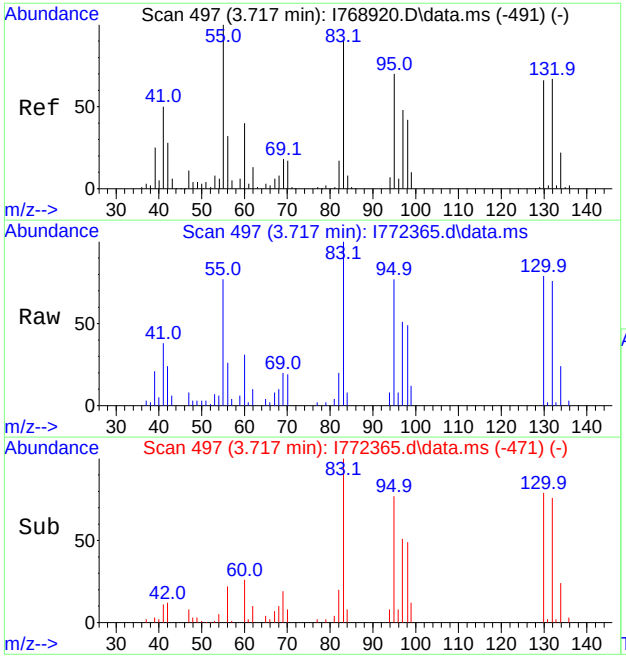


#53
Trichloroethene
Concen: 25.4495 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 95 Resp: 16131

Ion	Ratio	Lower	Upper
95	100		
130	98.2	64.6	124.6
97	67.4	34.7	94.7
132	95.0	65.6	125.6

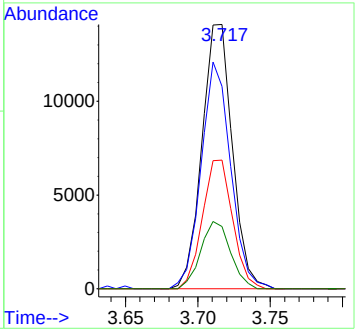


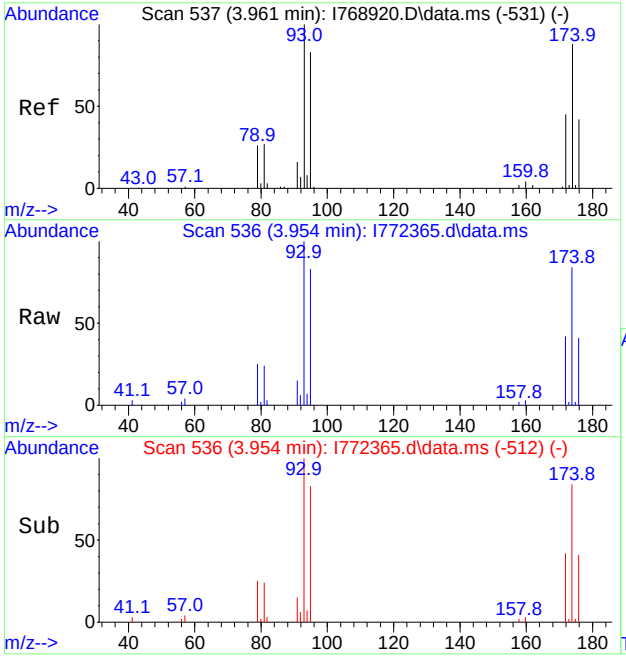


#54
Methylcyclohexane
Concen: 26.8225 ug/L
RT: 3.717 min Scan# 497
Delta R.T. 0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 83 Resp: 20690

Ion	Ratio	Lower	Upper
83	100		
55	76.6	70.4	110.4
98	48.6	25.0	65.0
42	23.5	7.7	47.7

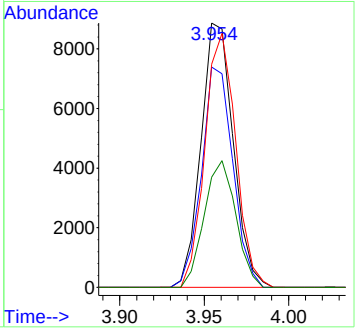


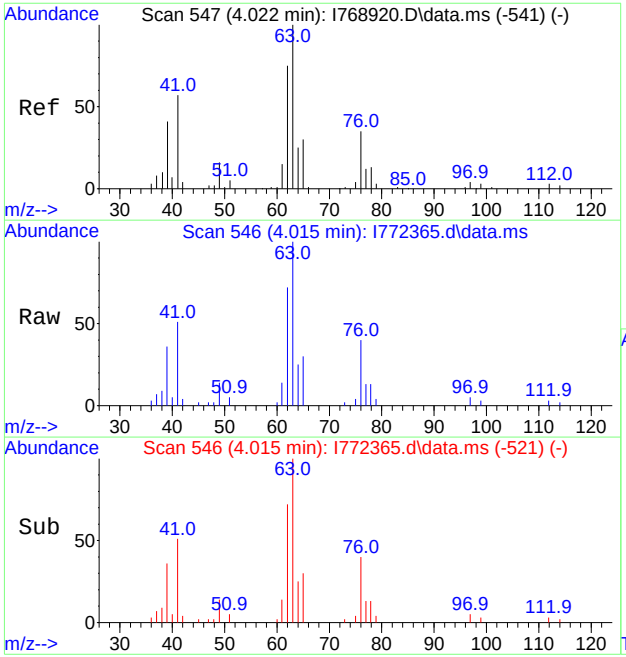


#55
Dibromomethane
Concen: 26.1515 ug/L
RT: 3.954 min Scan# 536
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 93 Resp: 11827

Ion	Ratio	Lower	Upper
93	100		
95	83.3	51.8	111.8
174	84.4	61.6	121.6
172	41.7	19.1	79.1

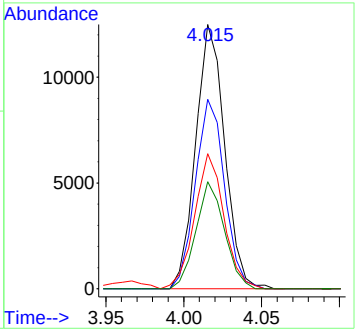


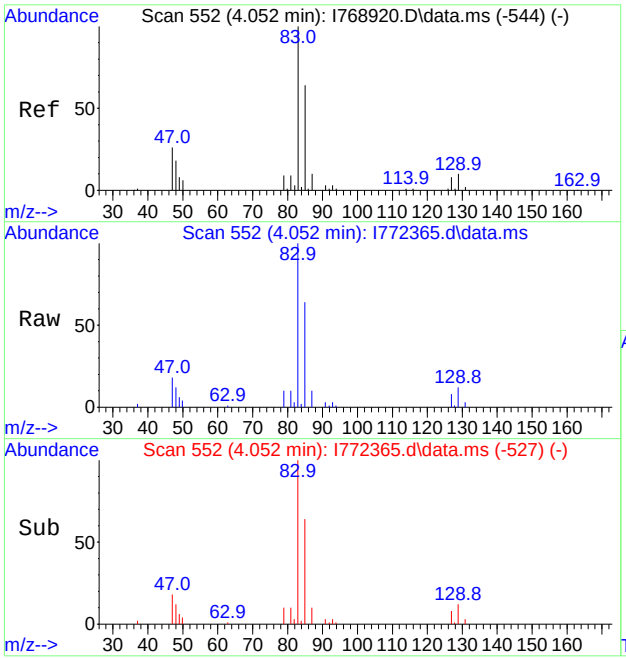


#56
1,2-Dichloropropane
Concen: 25.9531 ug/L
RT: 4.015 min Scan# 546
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 63 Resp: 16164

Ion	Ratio	Lower	Upper
63	100		
62	71.7	39.2	99.2
41	51.1	28.0	88.0
76	40.5	9.6	69.6

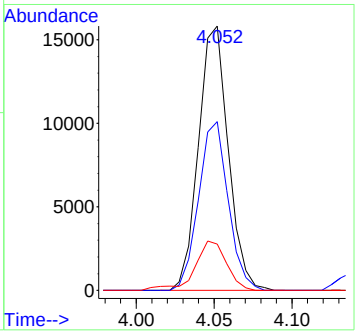


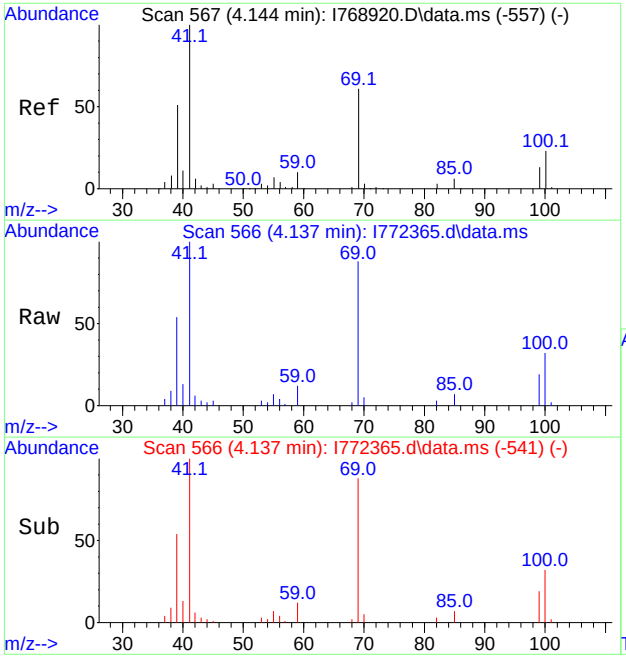


#57
Bromodichloromethane
Concen: 23.7872 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 83 Resp: 20992

Ion	Ratio	Lower	Upper
83	100		
85	63.8	45.2	84.0
47	17.6	14.9	27.7

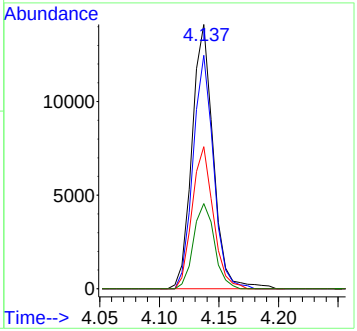


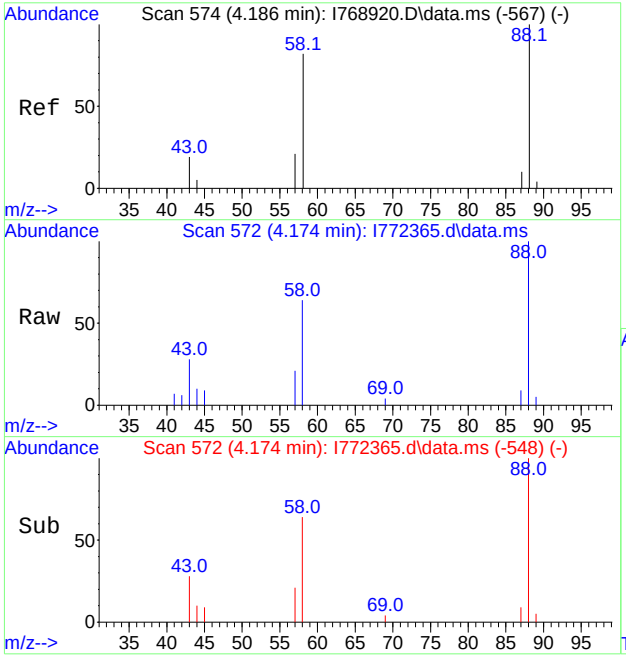


#58
Methyl methacrylate
Concen: 22.2122 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 41 Resp: 17517

Ion	Ratio	Lower	Upper
41	100		
69	88.3	49.4	89.4
39	53.8	38.8	78.8
100	32.2	4.5	44.5

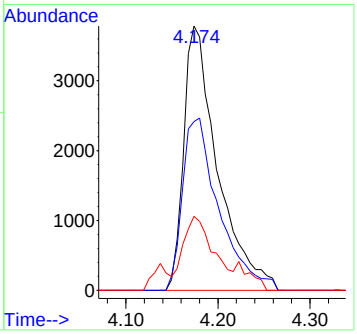


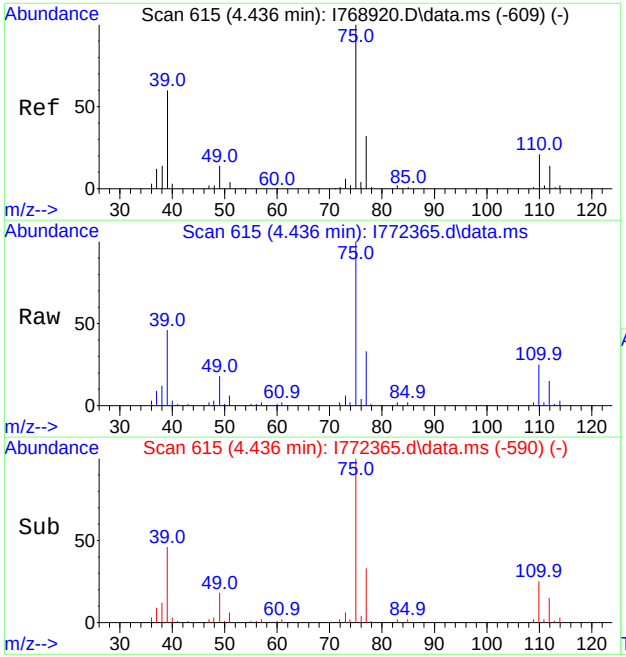


#59
1,4-Dioxane
Concen: 566.2870 ug/L
RT: 4.174 min Scan# 572
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 88 Resp: 9675

Ion	Ratio	Lower	Upper
88	100		
58	63.9	41.6	101.6
43	28.0	5.0	65.0

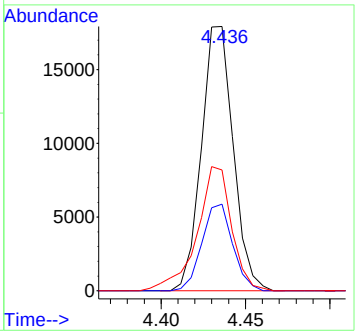


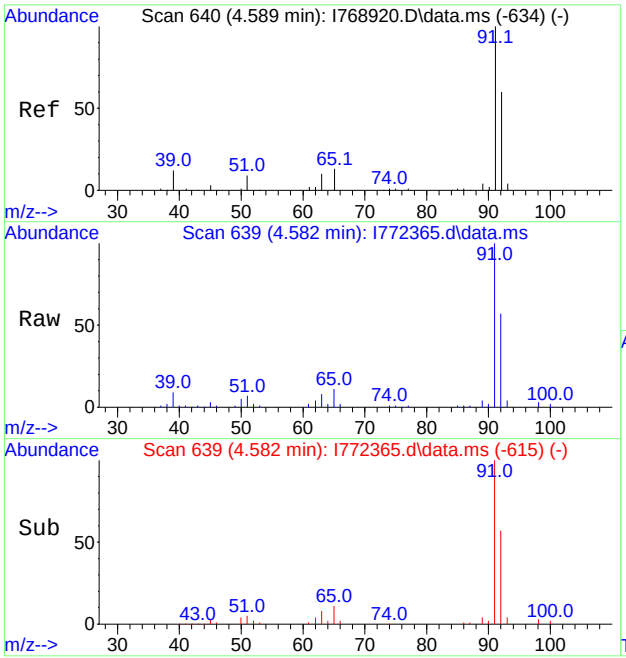


#61
cis-1,3-Dichloropropene
Concen: 23.8561 ug/L
RT: 4.436 min Scan# 615
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 75 Resp: 23566

Ion	Ratio	Lower	Upper
75	100		
77	32.7	2.0	62.0
39	45.7	27.8	87.8

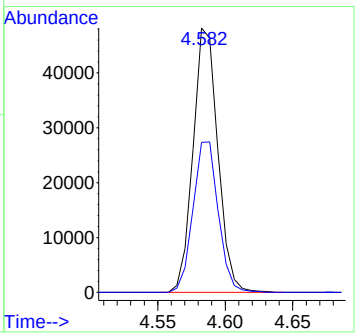


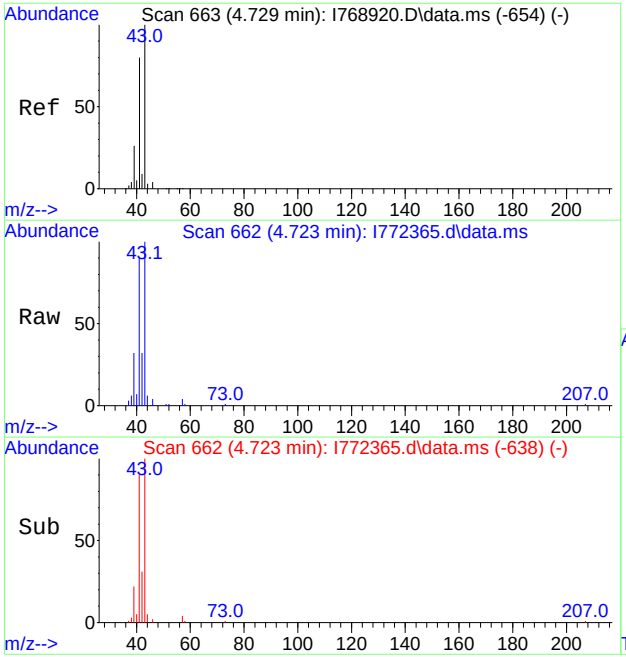


#64
Toluene
Concen: 24.9589 ug/L
RT: 4.582 min Scan# 639
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 61738

Ion	Ratio	Lower	Upper
91	100		
92	56.7	28.4	88.4

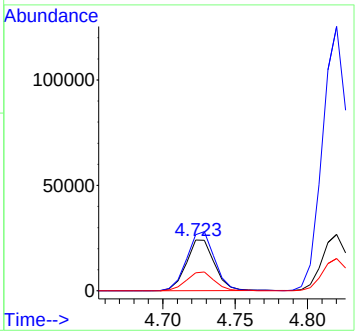


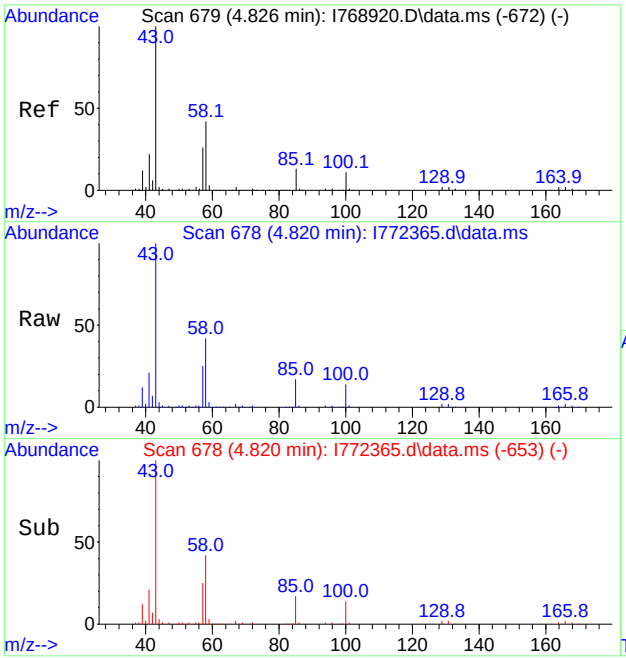


#65
2-Nitropropane
Concen: 102.5454 ug/L
RT: 4.723 min Scan# 662
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 41 Resp: 32546

Ion	Ratio	Lower	Upper
41	100		
43	110.9	97.6	137.6
39	35.3	16.3	56.3

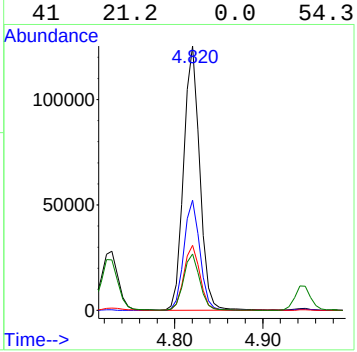


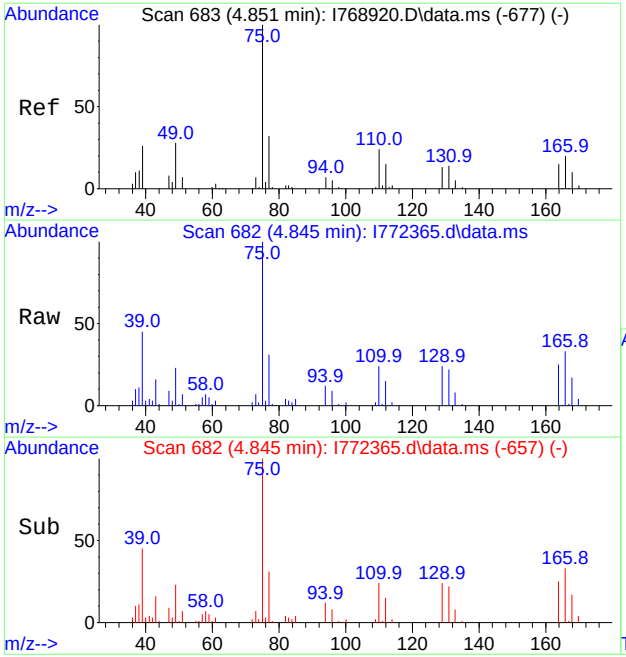


#66
4-Methyl-2-pentanone
Concen: 127.6222 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 159071

Ion	Ratio	Lower	Upper
43	100		
58	41.7	8.5	68.5
57	24.6	0.0	55.2
41	21.2	0.0	54.3

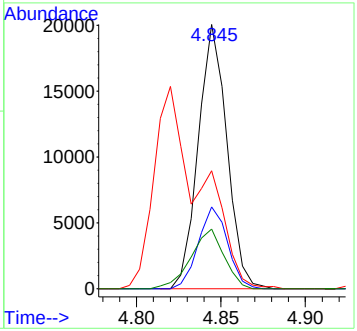


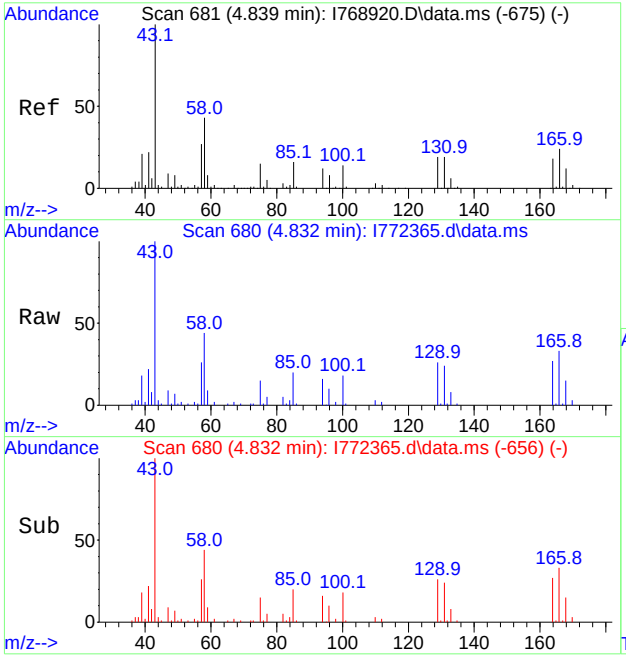


#67
trans-1,3-Dichloropropene
Concen: 23.7567 ug/L
RT: 4.845 min Scan# 682
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 75 Resp: 23751

Ion	Ratio	Lower	Upper
75	100		
77	31.0	2.0	62.0
39	44.6	29.3	89.3
49	22.6	0.0	54.5

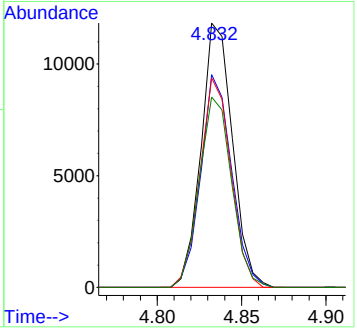


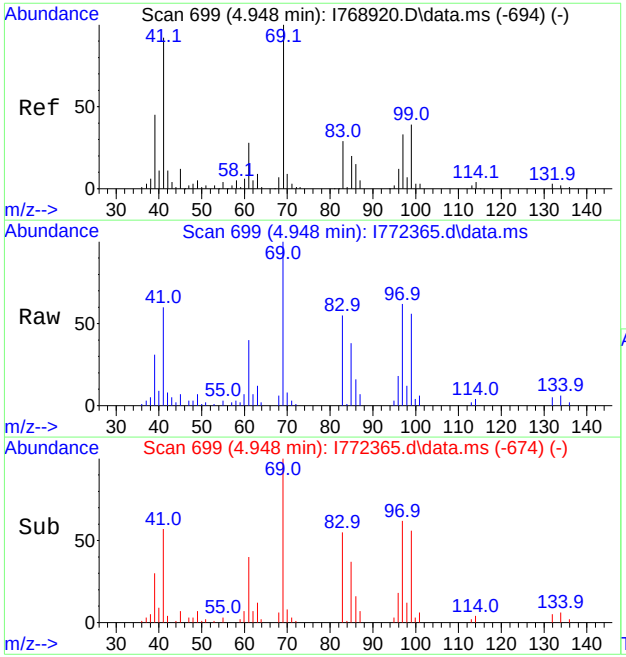


#68
Tetrachloroethene
Concen: 27.1476 ug/L
RT: 4.832 min Scan# 680
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:166 Resp: 15365

Ion	Ratio	Lower	Upper
166	100		
164	80.4	45.5	105.5
129	79.2	37.2	97.2
131	72.0	37.4	97.4

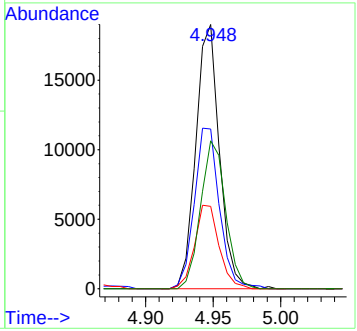


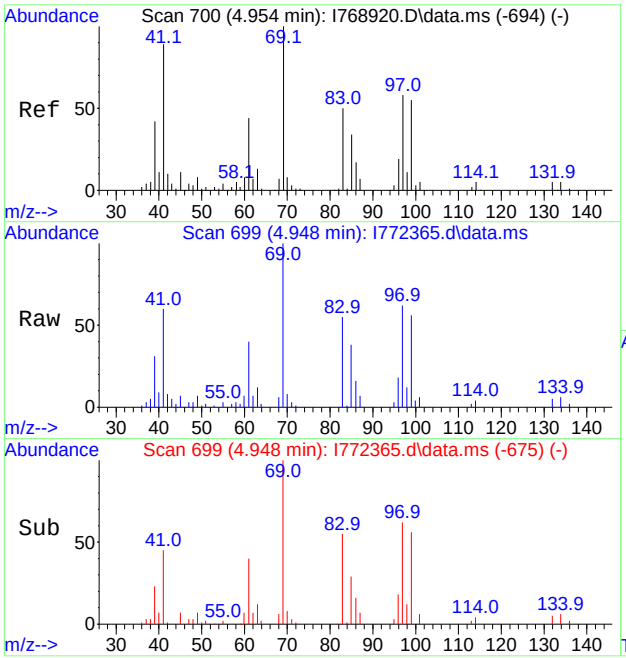


#69
Ethyl methacrylate
Concen: 25.5898 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 69 Resp: 23128

Ion	Ratio	Lower	Upper
69	100		
41	60.4	60.5	100.5#
39	31.2	24.1	64.1
99	55.9	14.1	54.1#

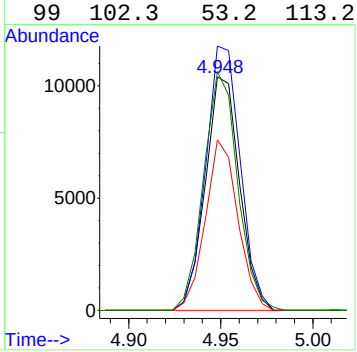


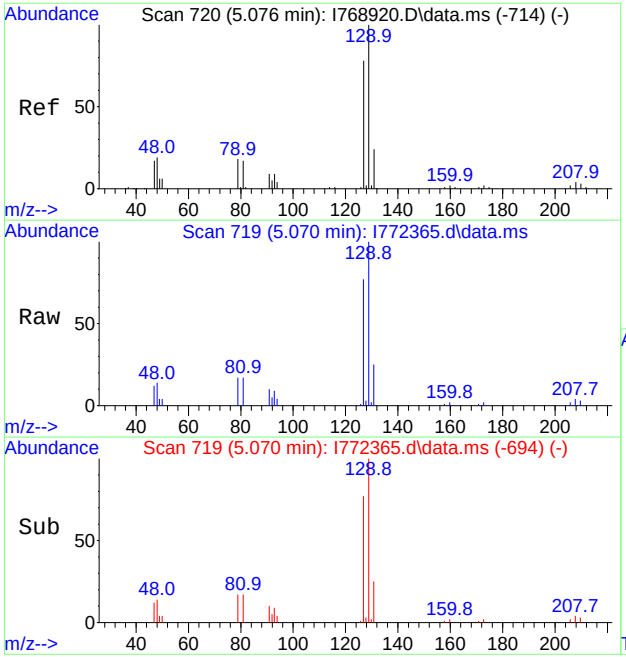


#70
1,1,2-Trichloroethane
Concen: 25.9541 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 83 Resp: 13521

Ion	Ratio	Lower	Upper
83	100		
97	113.3	83.1	143.1
61	73.0	44.3	104.3
99	102.3	53.2	113.2

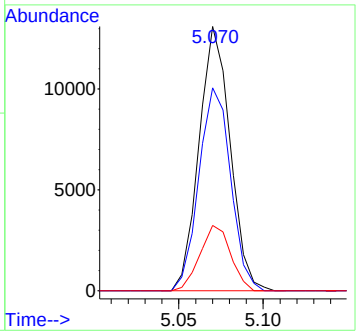


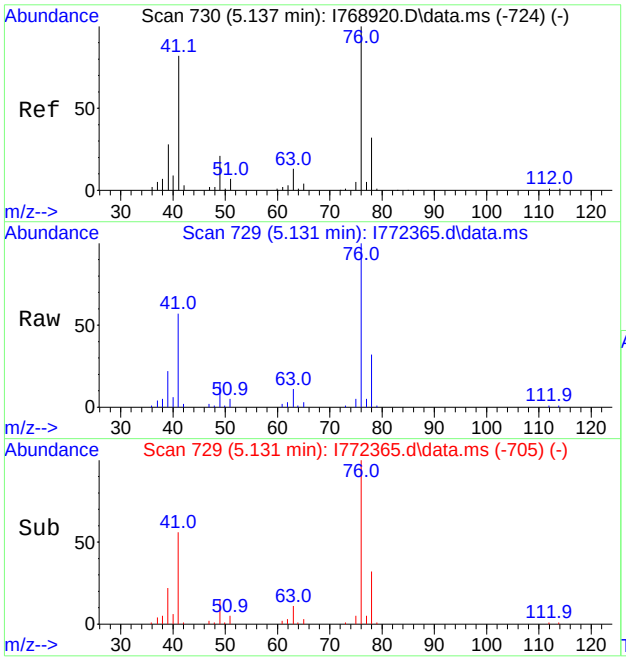


#71
Dibromochloromethane
Concen: 25.4471 ug/L
RT: 5.070 min Scan# 719
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:129 Resp: 16807

Ion	Ratio	Lower	Upper
129	100		
127	76.7	45.3	105.3
131	24.7	0.0	54.1

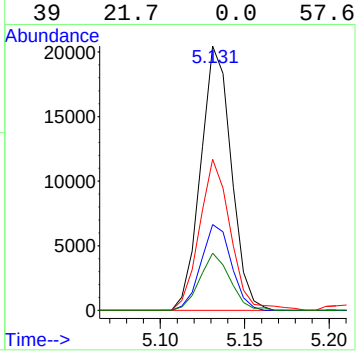


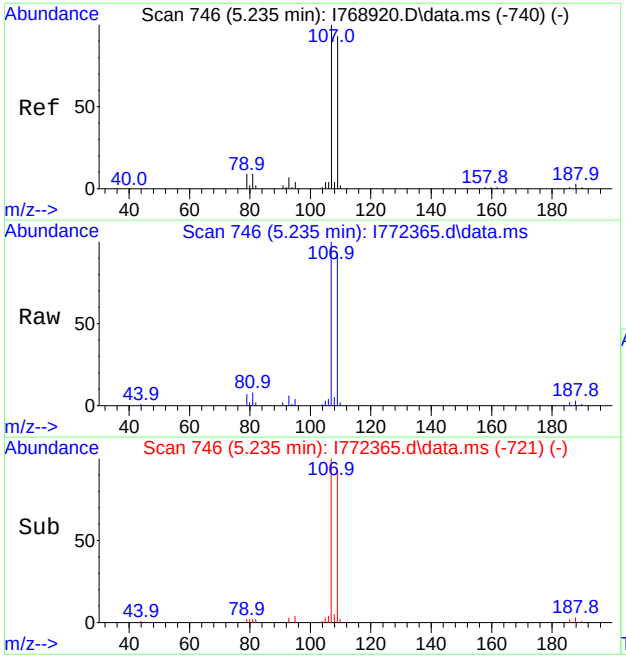


#72
1,3-Dichloropropane
Concen: 25.1106 ug/L
RT: 5.131 min Scan# 729
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 76 Resp: 25835

Ion	Ratio	Lower	Upper
76	100		
78	32.5	2.2	62.2
41	57.1	40.8	100.8
39	21.7	0.0	57.6

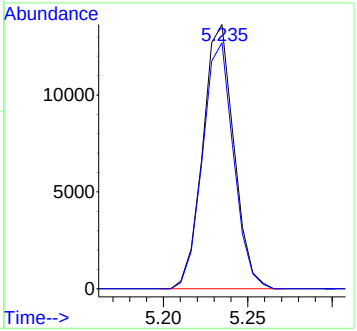


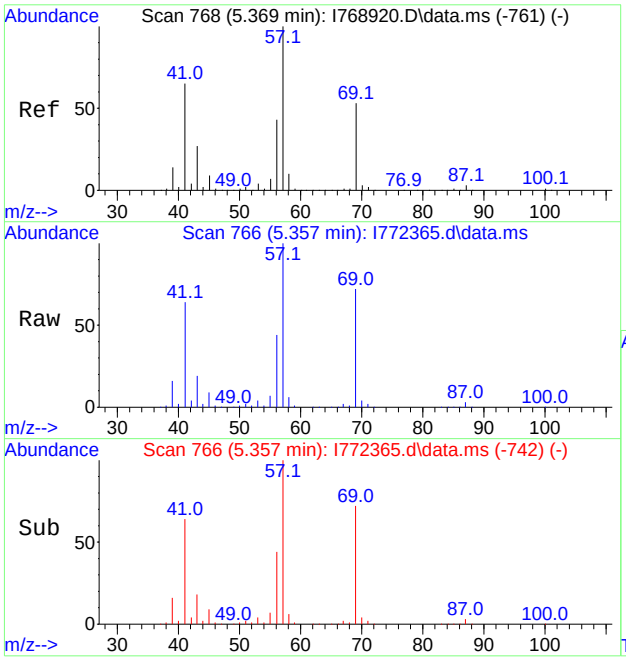


#73
1,2-Dibromoethane
Concen: 25.6775 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:107 Resp: 17516

Ion	Ratio	Lower	Upper
107	100		
109	93.1	64.8	124.8

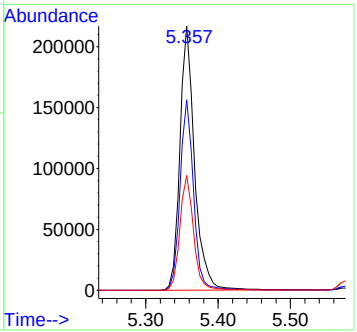


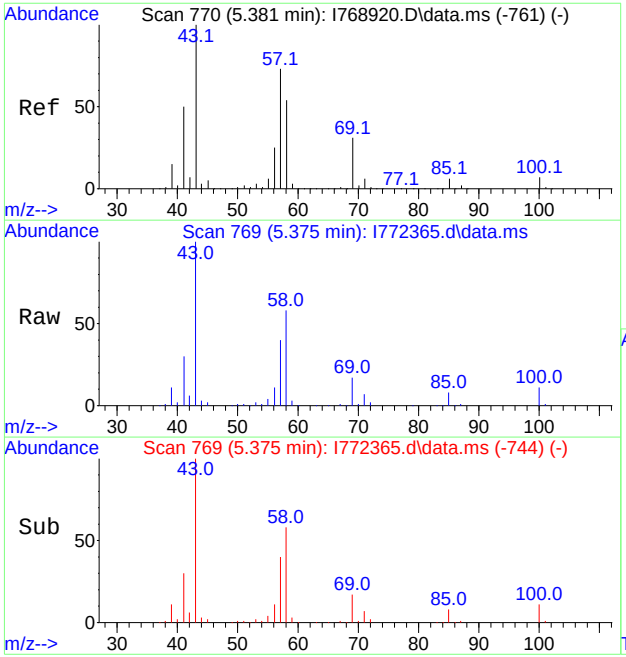


#74
3,3-Dimethyl-1-Butanol
Concen: 1182.7617 ug/L
RT: 5.357 min Scan# 766
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 57 Resp: 304805

Ion	Ratio	Lower	Upper
57	100		
69	72.0	46.8	86.8
56	43.5	22.0	62.0

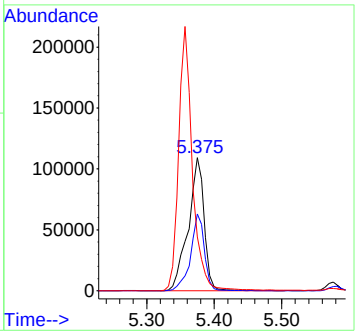


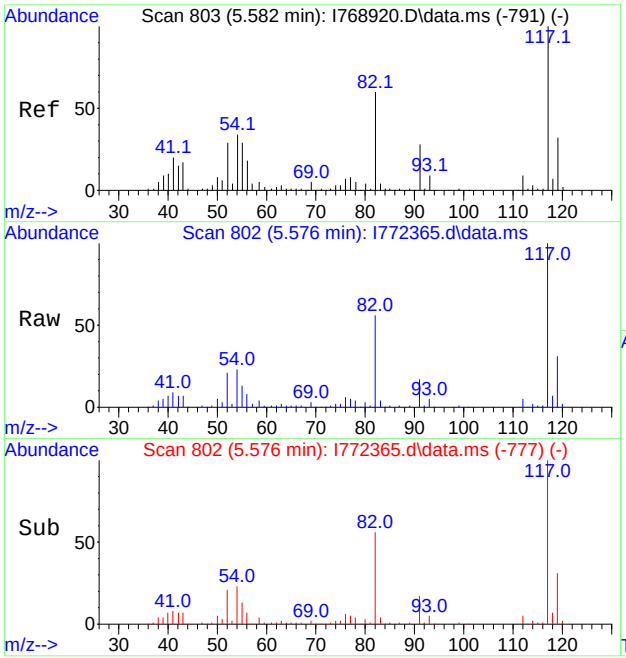


#75
2-hexanone
Concen: 120.1930 ug/L
RT: 5.375 min Scan# 769
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 43 Resp: 179419

Ion	Ratio	Lower	Upper
43	100		
58	57.7	20.1	80.1
57	40.4	33.6	93.6

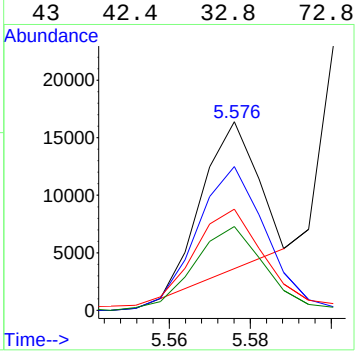


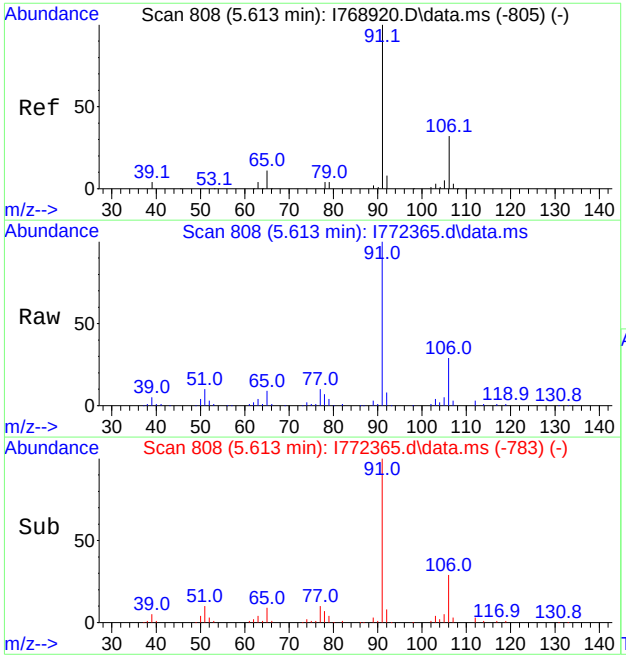


#76
1-Chlorohexane
Concen: 15.6309 ug/L
RT: 5.576 min Scan# 802
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 13075

Ion	Ratio	Lower	Upper
91	100		
55	74.5	60.7	100.7
41	49.6	44.2	84.2
43	42.4	32.8	72.8

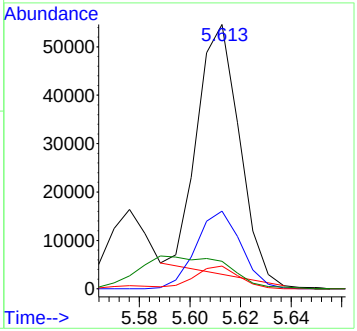


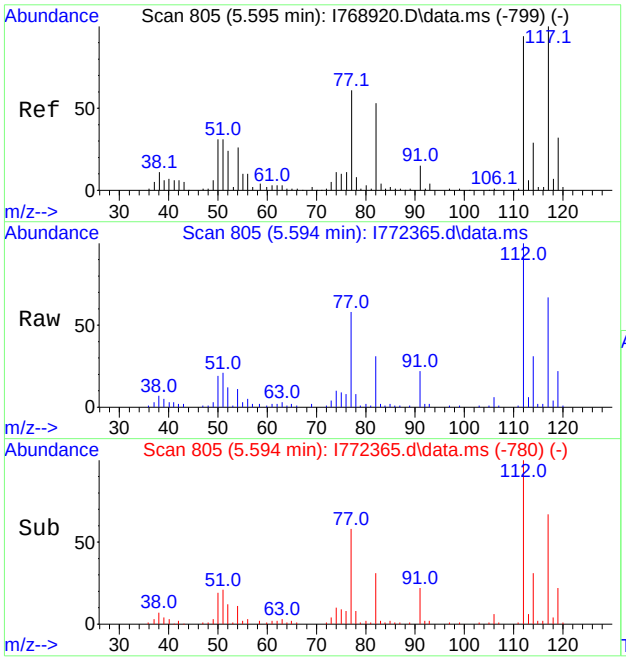


#77
Ethylbenzene
Concen: 21.5627 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 58278

Ion	Ratio	Lower	Upper
91	100		
106	29.3	0.8	60.8
65	8.7	0.0	39.5
51	9.9	0.0	41.4

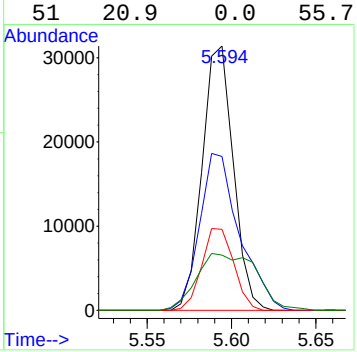


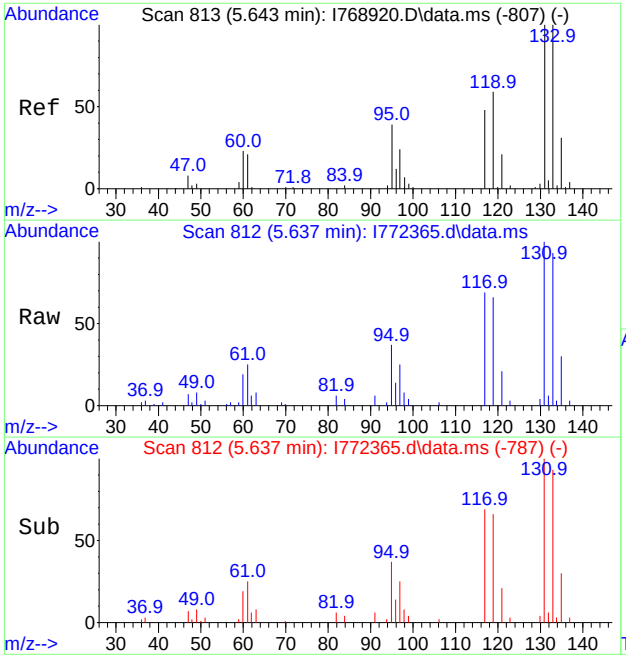


#78
Chlorobenzene
Concen: 25.3211 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:112 Resp: 40521

Ion	Ratio	Lower	Upper
112	100		
77	58.2	30.7	90.7
114	30.6	2.4	62.4
51	20.9	0.0	55.7

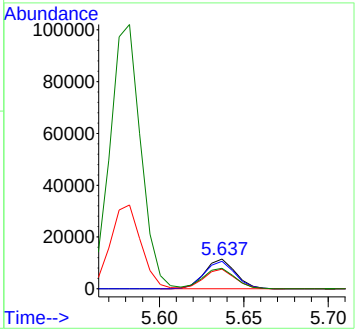


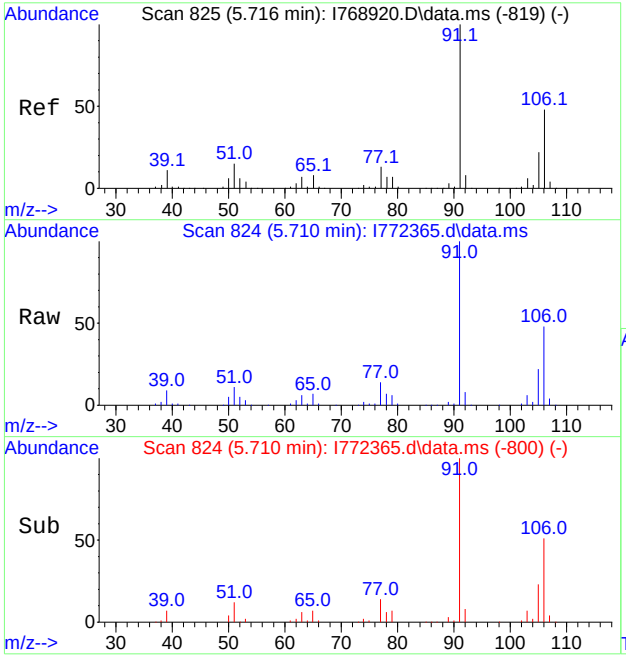


#79
1,1,1,2-Tetrachloroethane
Concen: 26.1840 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:131 Resp: 14614

Ion	Ratio	Lower	Upper
131	100		
133	92.9	70.3	130.3
119	66.3	35.8	95.8
117	68.8	39.8	99.8

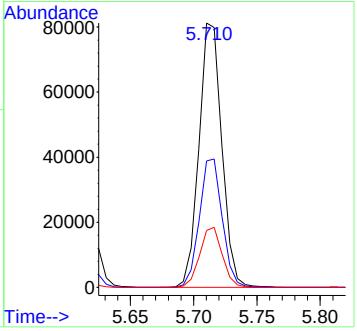


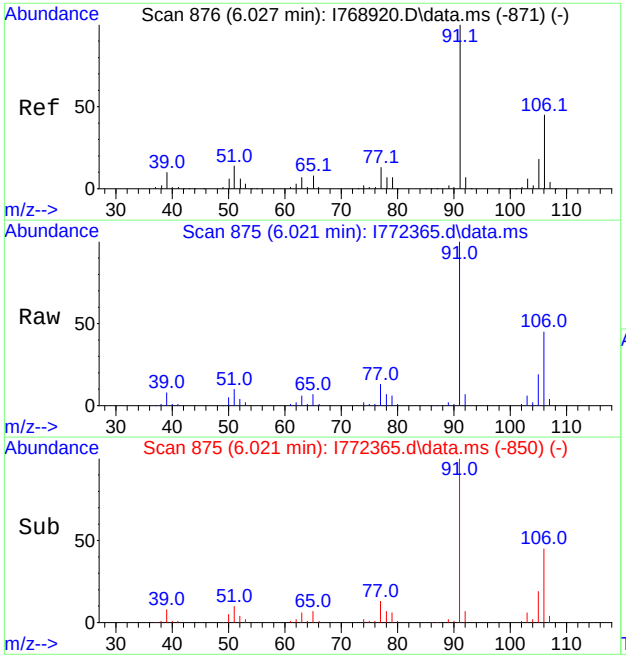


#80
m,p-Xylene
Concen: 49.8434 ug/L
RT: 5.710 min Scan# 824
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 101945

Ion	Ratio	Lower	Upper
91	100		
106	47.9	17.0	77.0
105	21.5	0.0	51.7

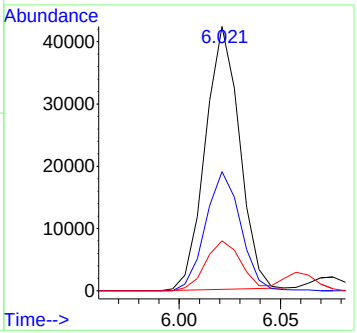


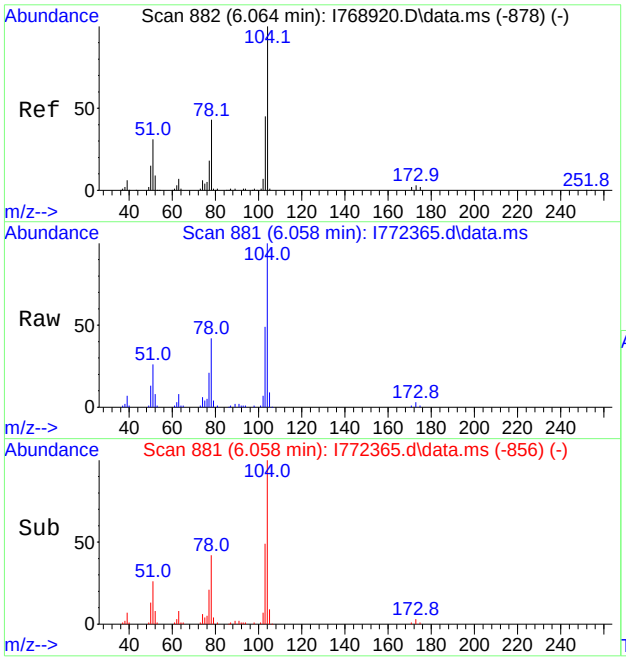


#81
o-Xylene
Concen: 24.4880 ug/L
RT: 6.021 min Scan# 875
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 49811

Ion	Ratio	Lower	Upper
91	100		
106	45.1	15.4	75.4
105	18.9	0.0	49.1

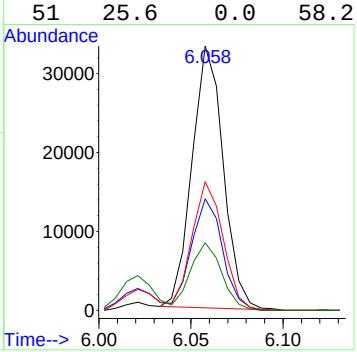


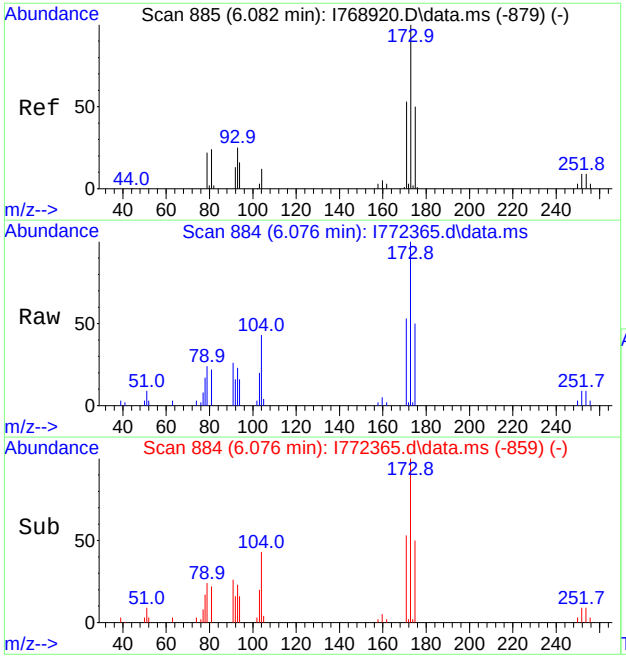


#82
Styrene
Concen: 25.5987 ug/L
RT: 6.058 min Scan# 881
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:104 Resp: 39220

Ion	Ratio	Lower	Upper
104	100		
78	42.2	15.1	75.1
103	48.7	17.1	77.1
51	25.6	0.0	58.2

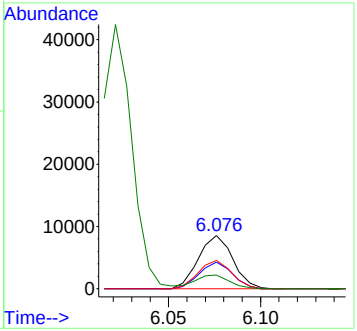


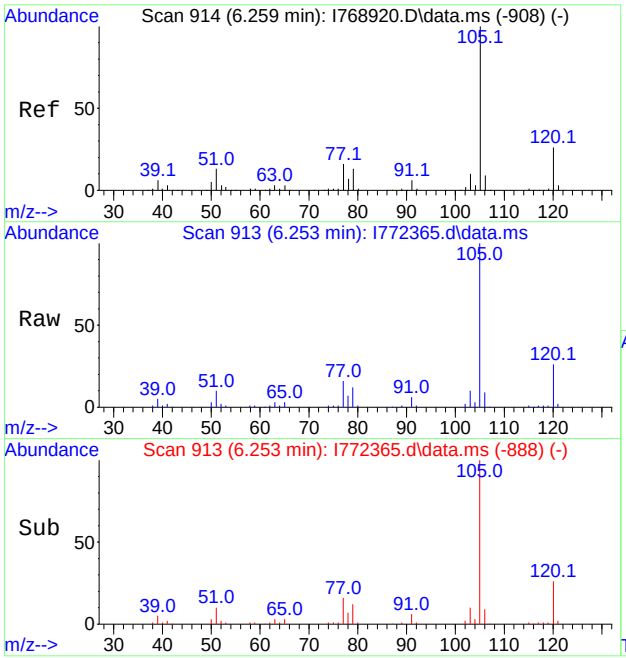


#83
Bromoform
Concen: 24.3862 ug/L
RT: 6.076 min Scan# 884
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:173 Resp: 11114

Ion	Ratio	Lower	Upper
173	100		
175	50.1	18.2	78.2
171	53.1	20.6	80.6
91	25.8	0.0	50.4

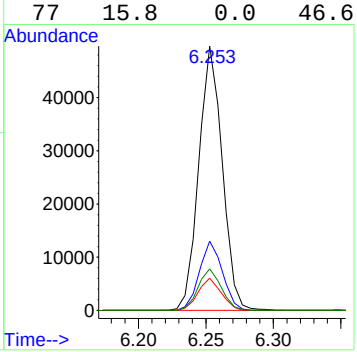


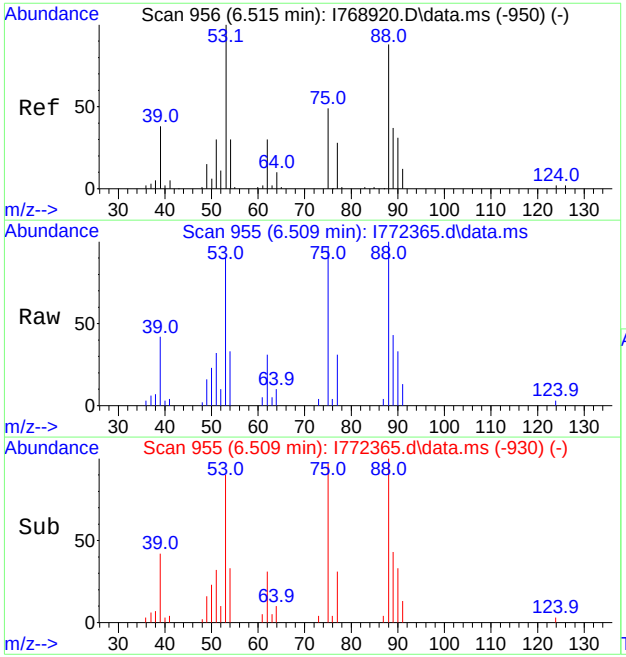


#84
Isopropylbenzene
Concen: 25.7308 ug/L
RT: 6.253 min Scan# 913
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:105 Resp: 60282

Ion	Ratio	Lower	Upper
105	100		
120	26.2	0.0	54.9
79	12.2	0.0	43.9
77	15.8	0.0	46.6

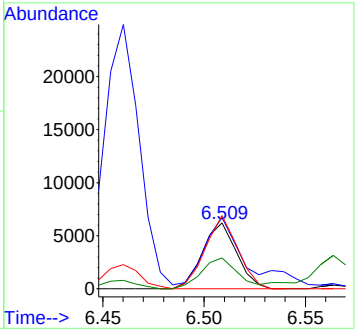


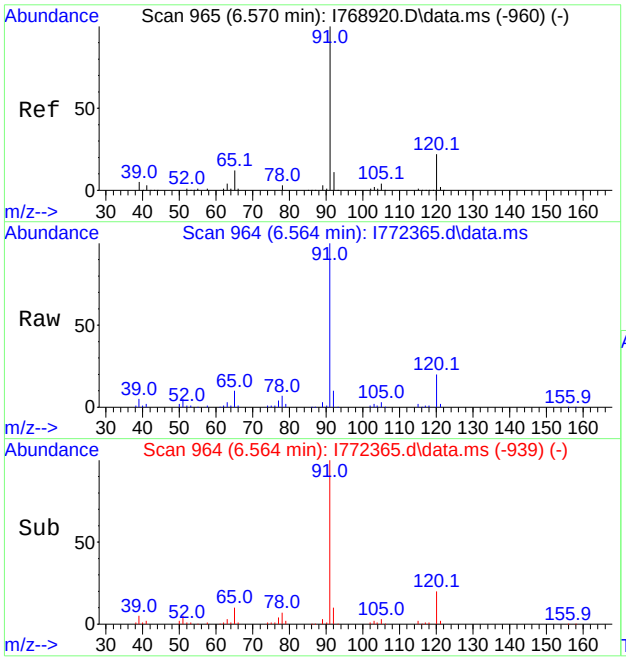


#87
cis-1,4-Dichloro-2-butene
Concen: 17.9993 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 53 Resp: 7271

Ion	Ratio	Lower	Upper
53	100		
75	83.1	62.2	102.2
88	111.3	86.4	126.4
39	46.8	19.3	59.3

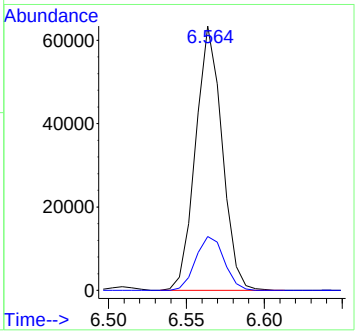


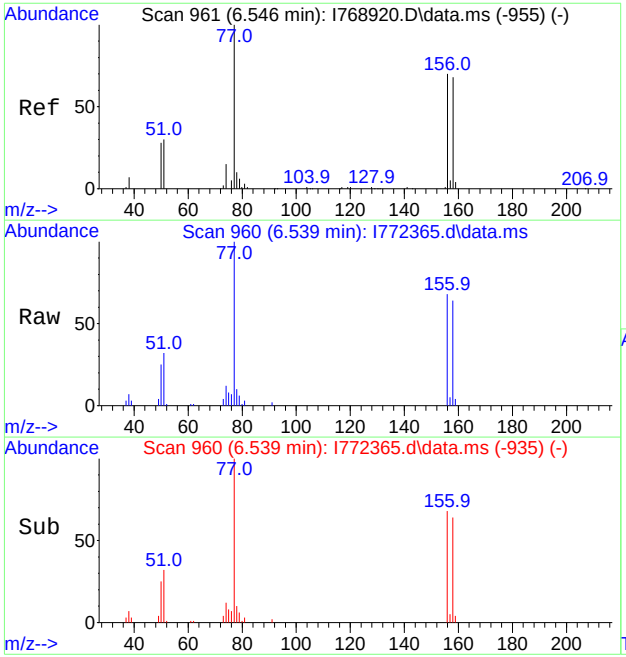


#88
n-Propylbenzene
Concen: 24.9792 ug/L
RT: 6.564 min Scan# 964
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 74971

Ion	Ratio	Lower	Upper
91	100		
120	20.4	0.0	52.3

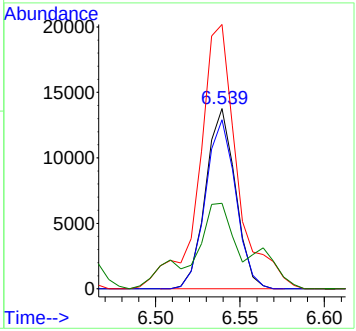


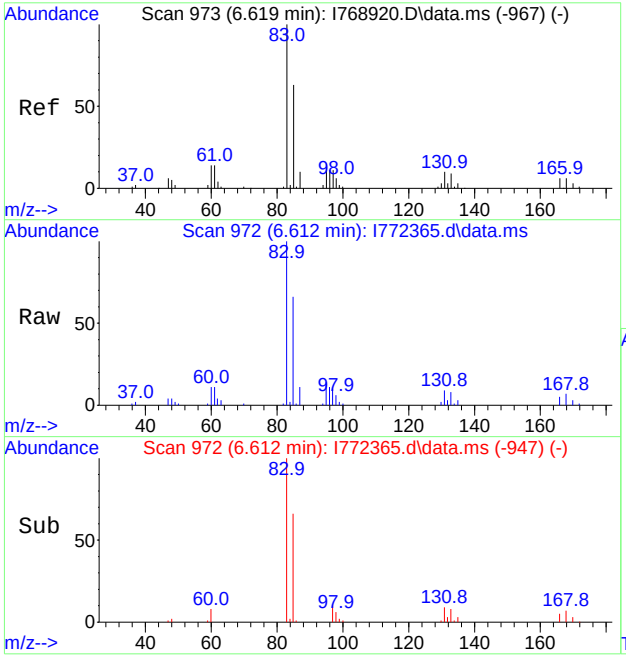


#89
Bromobenzene
Concen: 24.9506 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:156 Resp: 16918

Ion	Ratio	Lower	Upper
156	100		
158	93.7	65.5	125.5
77	140.3	126.3	186.3
51	40.9	18.5	78.5

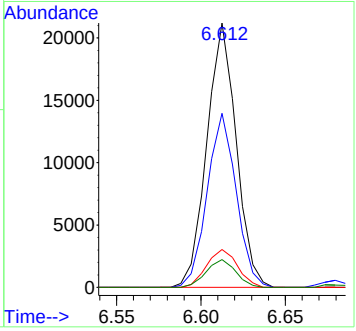


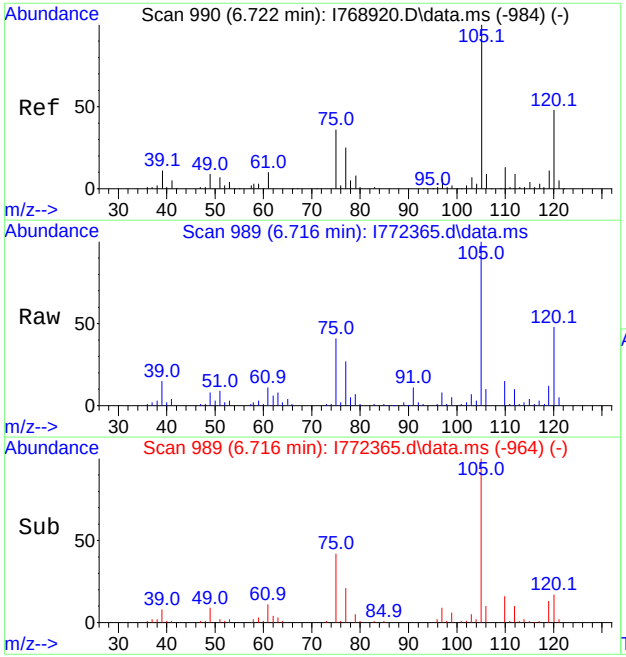


#90
1,1,2,2-Tetrachloroethane
Concen: 23.8938 ug/L
RT: 6.612 min Scan# 972
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 83 Resp: 25723

Ion	Ratio	Lower	Upper
83	100		
85	65.9	36.2	96.2
95	14.3	0.0	46.3
60	10.5	0.0	42.3

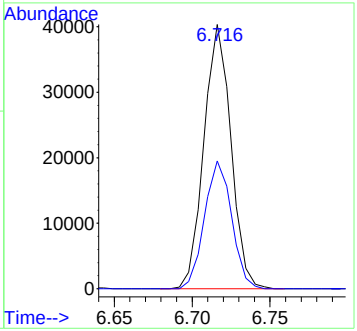


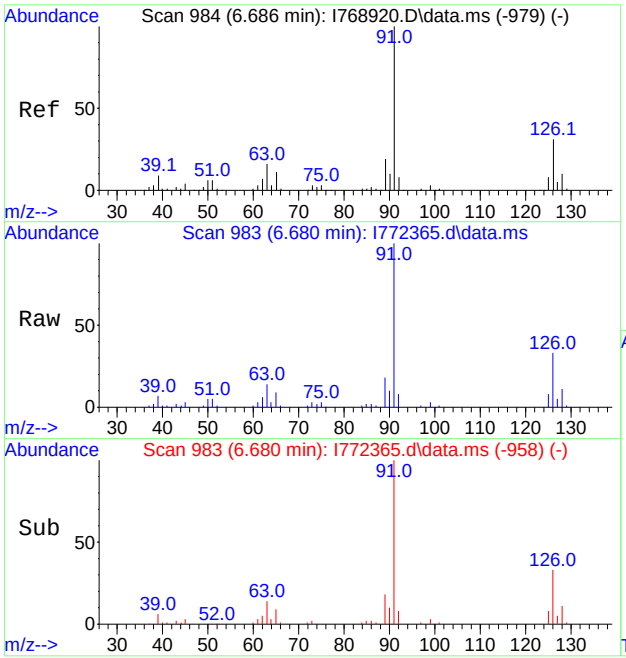


#91
1,3,5-Trimethylbenzene
Concen: 24.5392 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:105 Resp: 48534

Ion	Ratio	Lower	Upper
105	100		
120	48.4	17.5	77.5

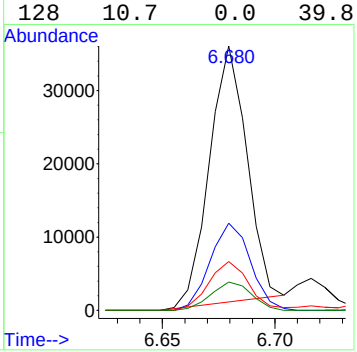


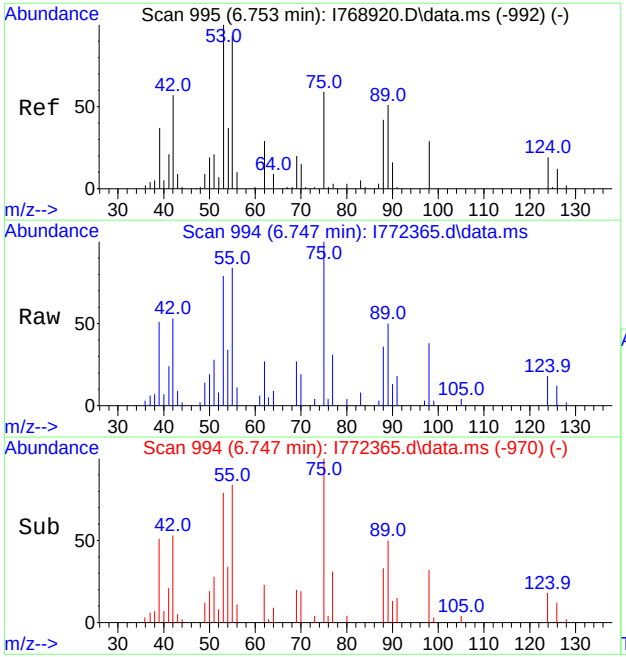


#92
2-Chlorotoluene
Concen: 24.0780 ug/L
RT: 6.680 min Scan# 983
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 40797

Ion	Ratio	Lower	Upper
91	100		
126	32.9	0.4	60.4
89	18.5	0.0	48.4
128	10.7	0.0	39.8

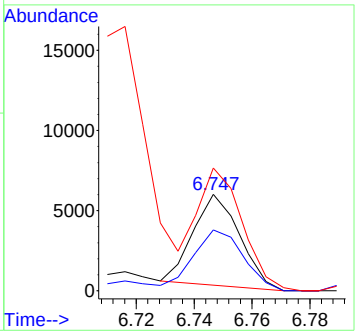


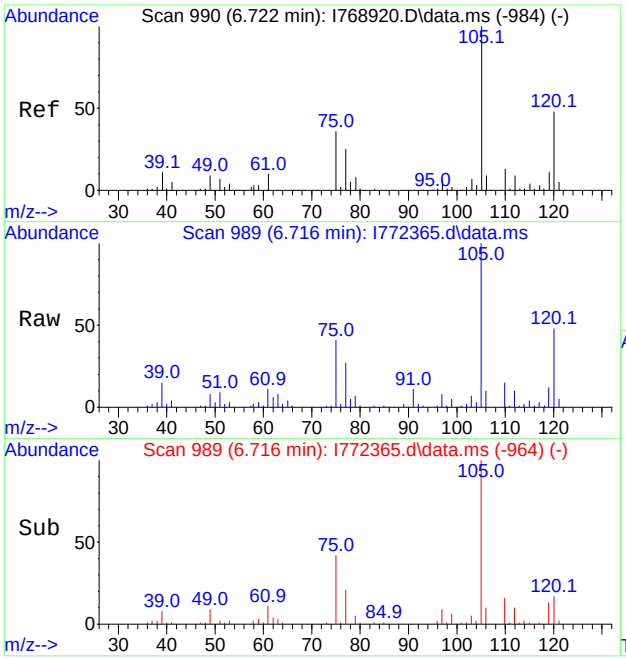


#93
trans-1,4-Dichloro-2-Butene
Concen: 19.8973 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 53 Resp: 6260

Ion	Ratio	Lower	Upper
53	100		
89	63.1	39.5	79.5
75	124.0	80.0	120.0#

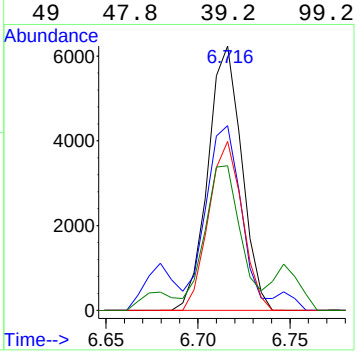


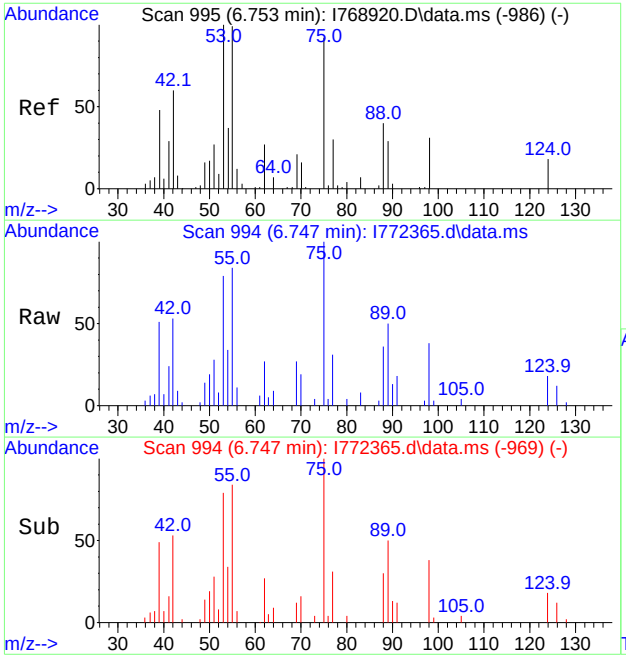


#94
1,2,3-Trichloropropane
Concen: 24.3312 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:110 Resp: 7981

Ion	Ratio	Lower	Upper
110	100		
61	62.9	57.4	117.4
112	64.0	29.8	89.8
49	47.8	39.2	99.2

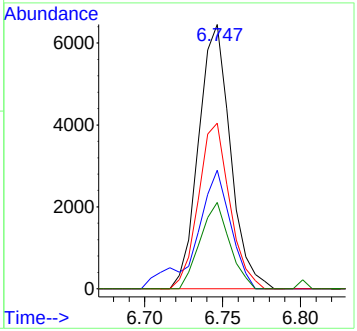


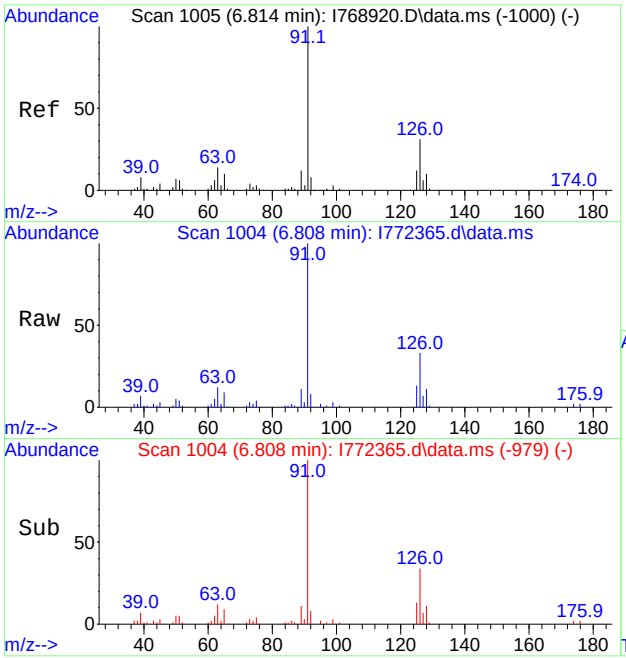


#95
Cyclohexanone
Concen: 109.0292 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 55 Resp: 9148

Ion	Ratio	Lower	Upper
55	100		
98	44.9	20.6	60.6
42	62.7	43.8	83.8
69	32.6	4.0	44.0

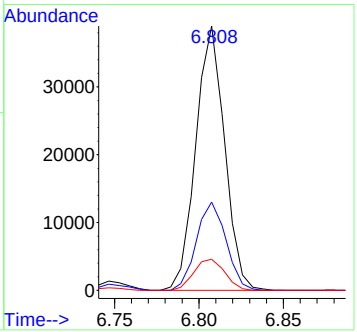


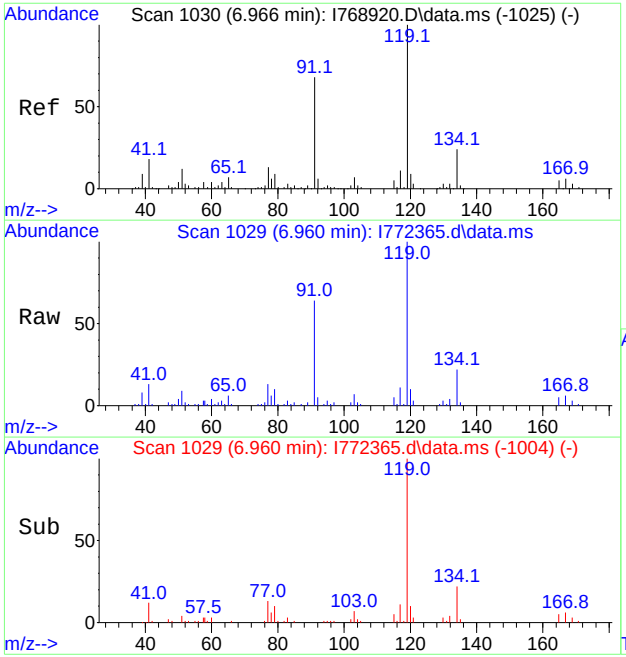


#96
4-Chlorotoluene
Concen: 24.3941 ug/L
RT: 6.808 min Scan# 1004
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 46383

Ion	Ratio	Lower	Upper
91	100		
126	33.4	0.0	59.5
63	11.8	0.0	44.0

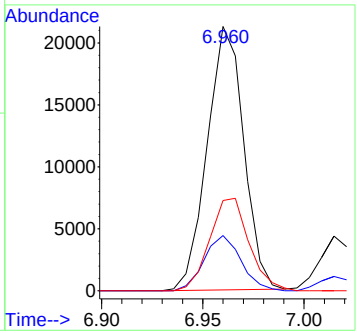


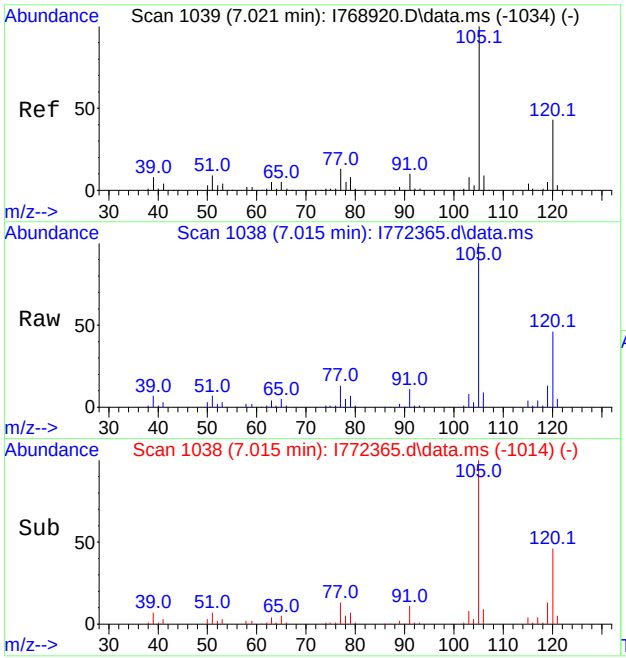


#97
tert-Butylbenzene
Concen: 24.7390 ug/L
RT: 6.960 min Scan# 1029
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 91 Resp: 26708

Ion	Ratio	Lower	Upper
91	100		
41	20.9	0.0	52.9
134	34.1	4.8	64.8

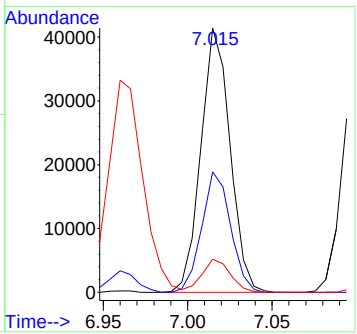


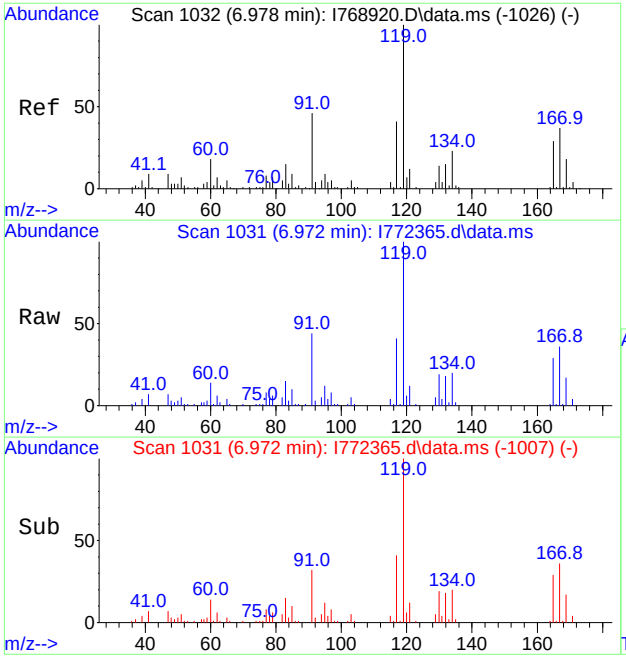


#98
1,2,4-Trimethylbenzene
Concen: 24.9564 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:105 Resp: 49866

Ion	Ratio	Lower	Upper
105	100		
120	45.6	13.7	73.7
119	12.6	0.0	41.5

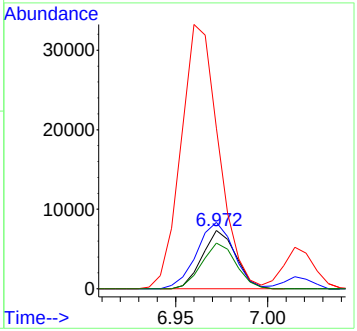


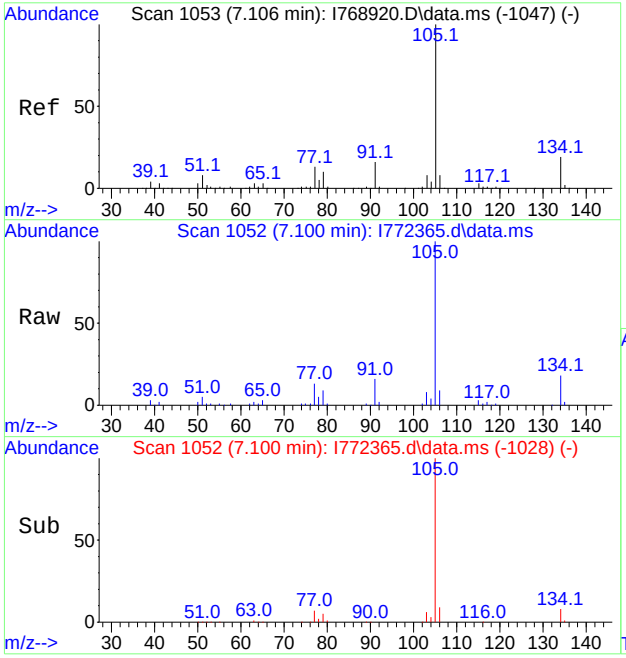


#99
Pentachloroethane
Concen: 25.7958 ug/L
RT: 6.972 min Scan# 1031
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:167 Resp: 9349

Ion	Ratio	Lower	Upper
167	100		
117	113.6	79.4	139.4
119	252.6	554.0	614.0#
165	78.4	58.9	98.9

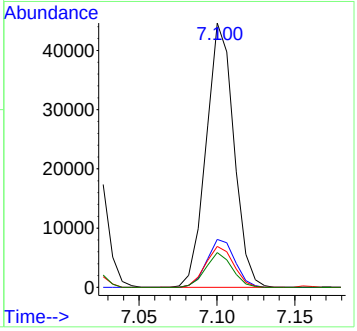


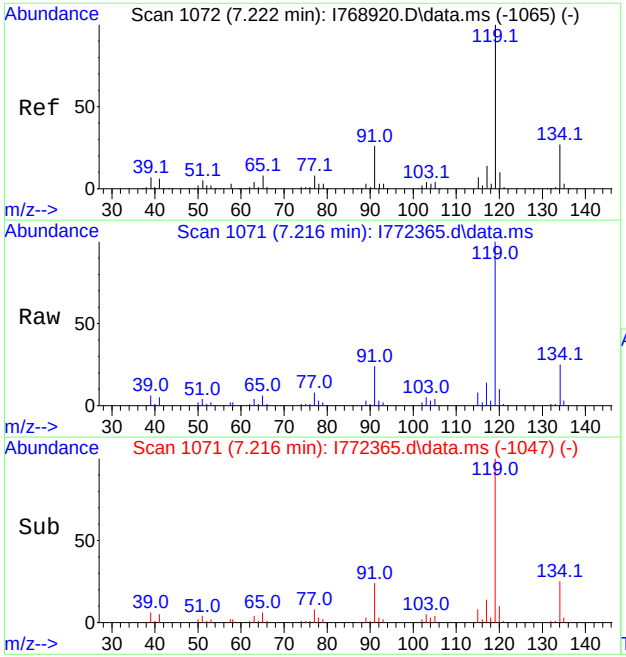


#100
sec-Butylbenzene
Concen: 24.2894 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:105 Resp: 55040

Ion	Ratio	Lower	Upper
105	100		
134	18.2	0.0	50.2
91	15.5	0.0	46.2
77	13.2	0.0	42.9

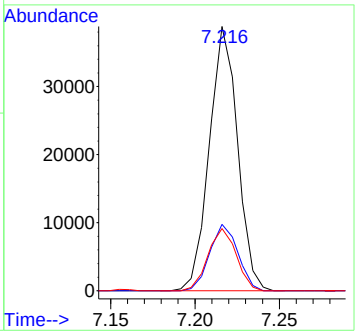


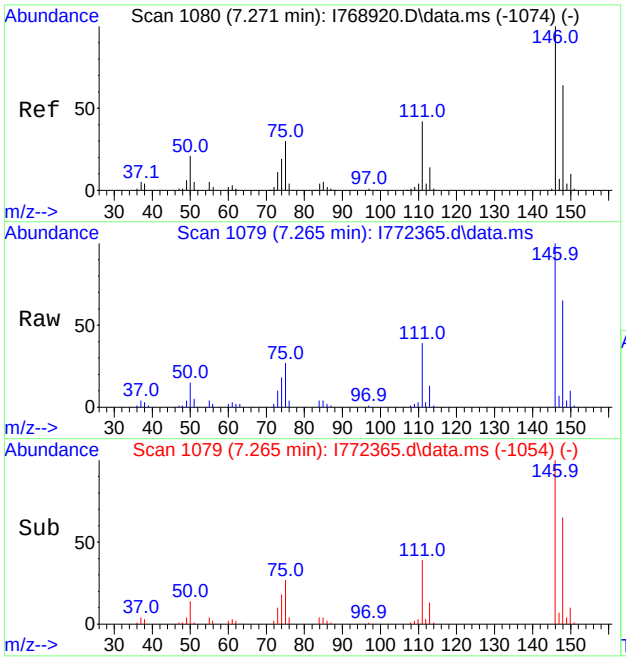


#101
4-Isopropyltoluene
Concen: 24.2017 ug/L
RT: 7.216 min Scan# 1071
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:119 Resp: 45173

Ion	Ratio	Lower	Upper
119	100		
134	25.1	0.0	57.1
91	23.6	0.0	56.2

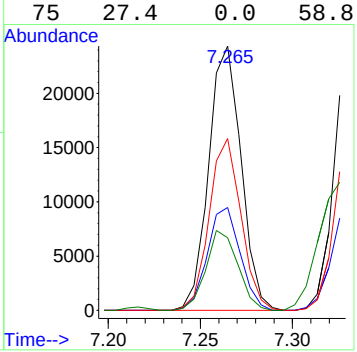


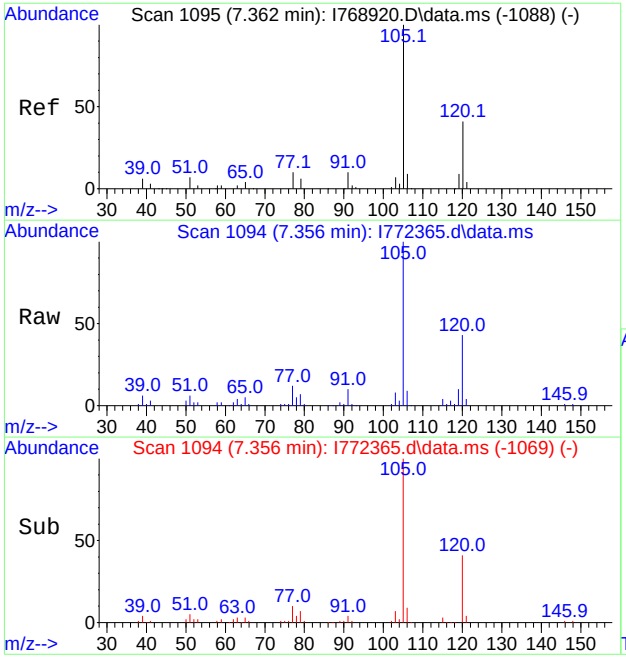


#102
1,3-Dichlorobenzene
Concen: 24.8125 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:146 Resp: 29875

Ion	Ratio	Lower	Upper
146	100		
111	38.9	11.0	71.0
148	65.0	32.9	92.9
75	27.4	0.0	58.8

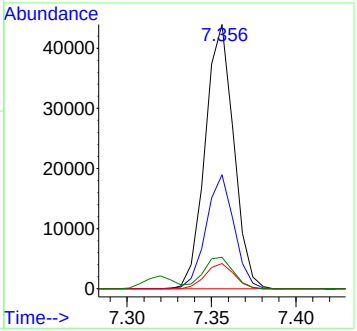


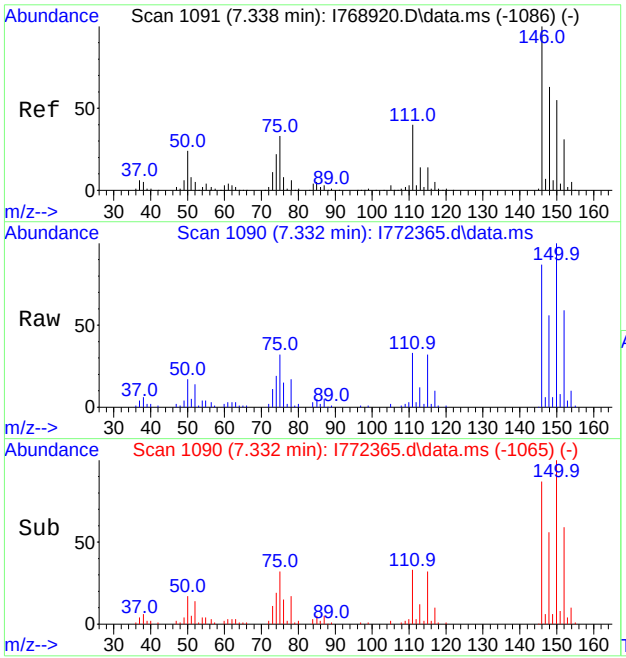


#103
1,2,3-Trimethylbenzene
Concen: 24.8080 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:105 Resp: 51713

Ion	Ratio	Lower	Upper
105	100		
120	43.2	11.0	71.0
119	9.6	0.0	39.1
77	11.9	0.0	43.5

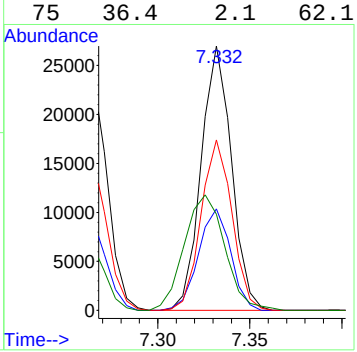


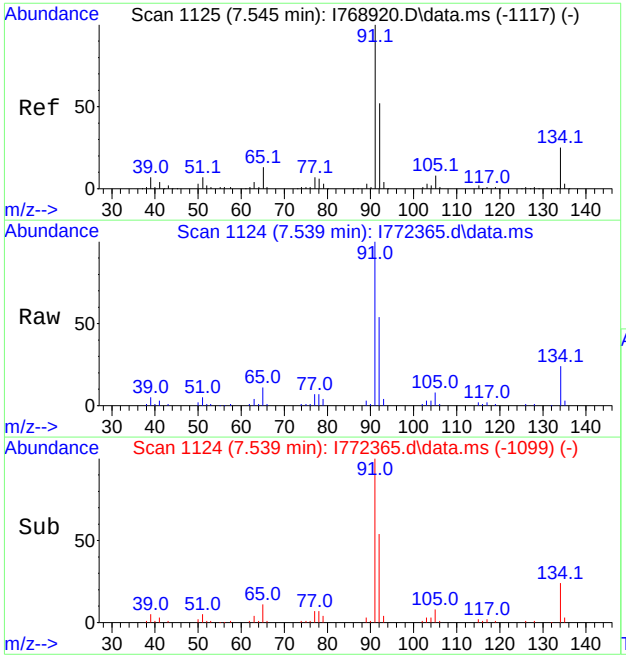


#104
1,4-Dichlorobenzene
Concen: 24.6888 ug/L
RT: 7.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:146 Resp: 31062

Ion	Ratio	Lower	Upper
146	100		
111	38.4	9.8	69.8
148	64.4	33.7	93.7
75	36.4	2.1	62.1

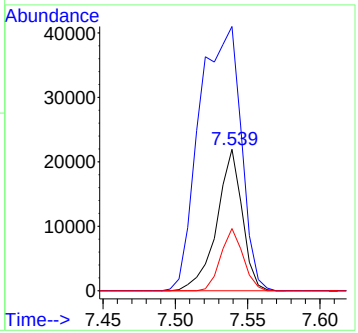


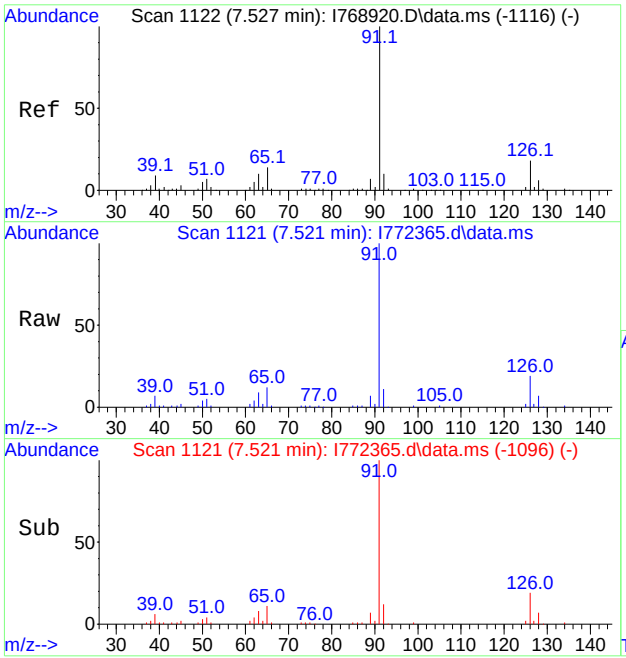


#105
n-Butylbenzene
Concen: 25.6348 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 92 Resp: 26831

Ion	Ratio	Lower	Upper
92	100		
91	186.7	158.3	218.3
134	43.9	16.3	76.3

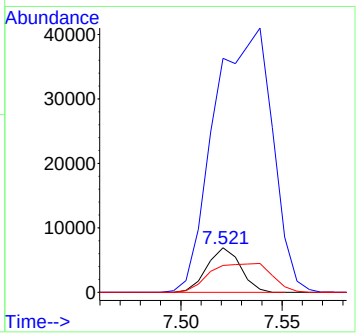


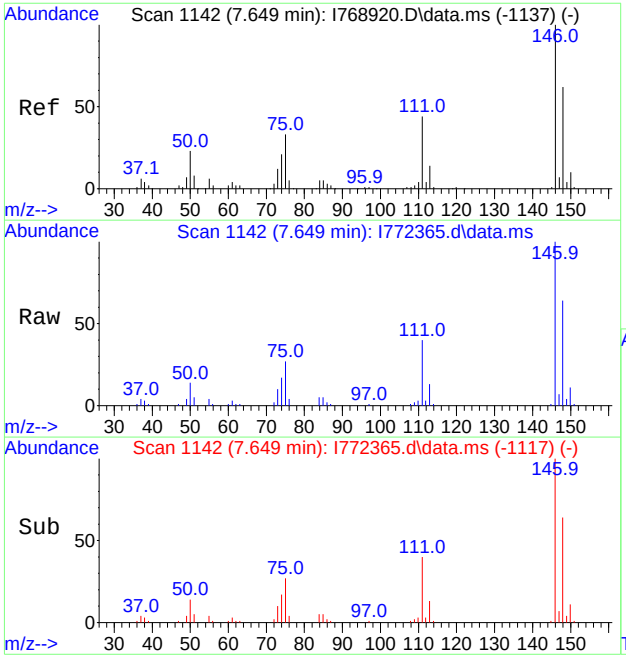


#106
Benzyl Chloride
Concen: 22.0561 ug/L
RT: 7.521 min Scan# 1121
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:126 Resp: 7996

Ion	Ratio	Lower	Upper
126	100		
91	525.5	503.6	543.6
65	60.7	49.6	89.6

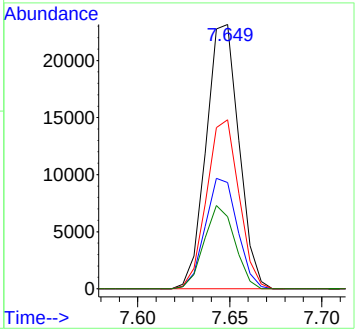


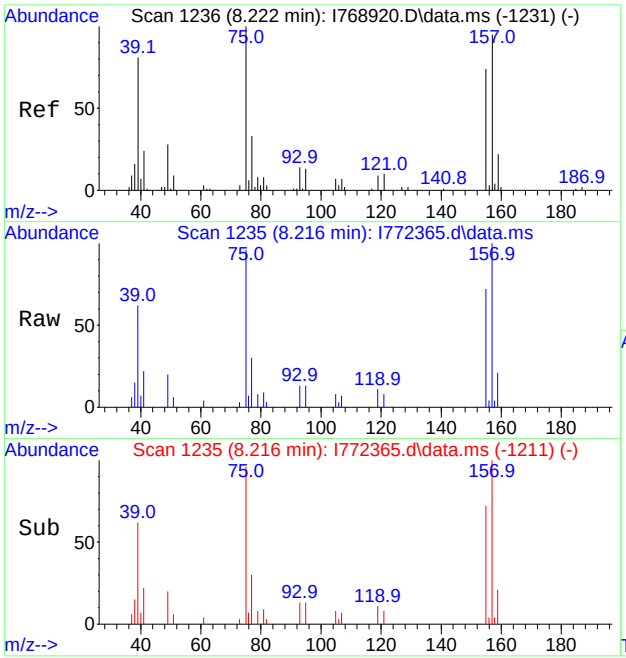


#107
1,2-Dichlorobenzene
Concen: 25.1266 ug/L
RT: 7.649 min Scan# 1142
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:146 Resp: 28740

Ion	Ratio	Lower	Upper
146	100		
111	40.2	11.2	71.2
148	64.0	34.6	94.6
75	27.2	0.0	58.4

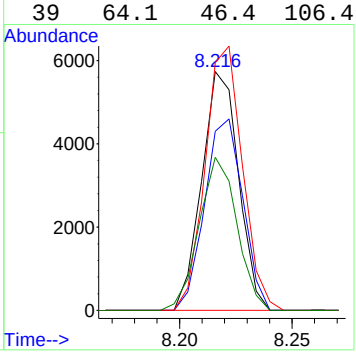


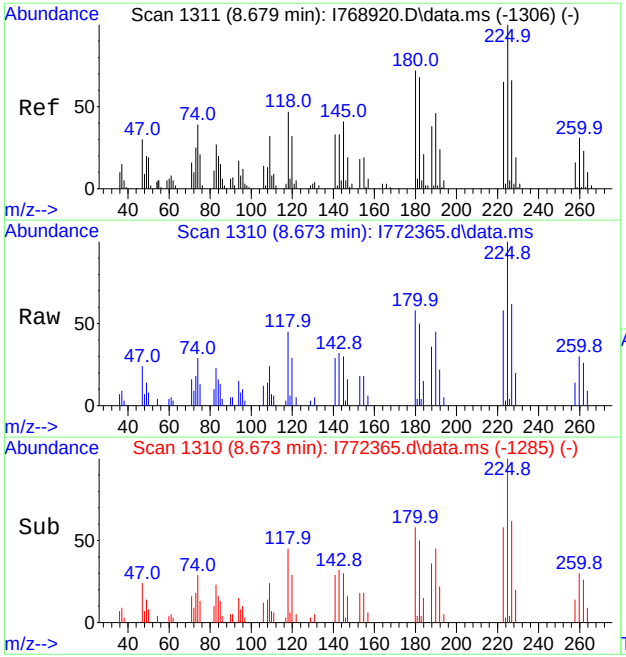


#108
1,2-Dibromo-3-Chloropropane
Concen: 22.6008 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.006 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion: 75 Resp: 6542

Ion	Ratio	Lower	Upper
75	100		
155	74.9	44.6	104.6
157	103.8	64.6	124.6
39	64.1	46.4	106.4

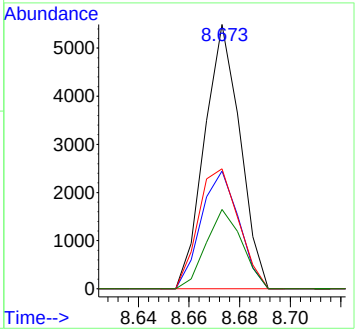


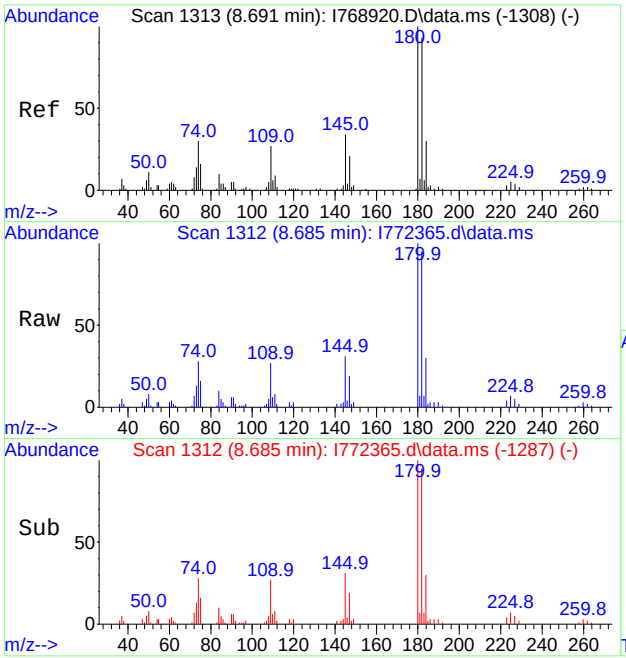


#109
Hexachlorobutadiene
Concen: 24.7862 ug/L
RT: 8.673 min Scan# 1310
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:225 Resp: 5367

Ion	Ratio	Lower	Upper
225	100		
190	44.5	14.4	74.4
118	45.4	3.8	63.8
260	30.0	4.2	64.2

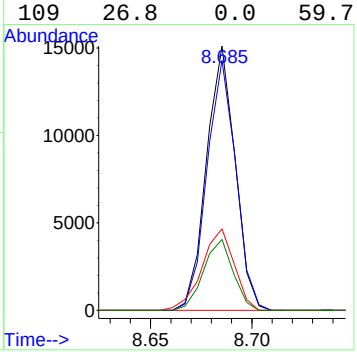


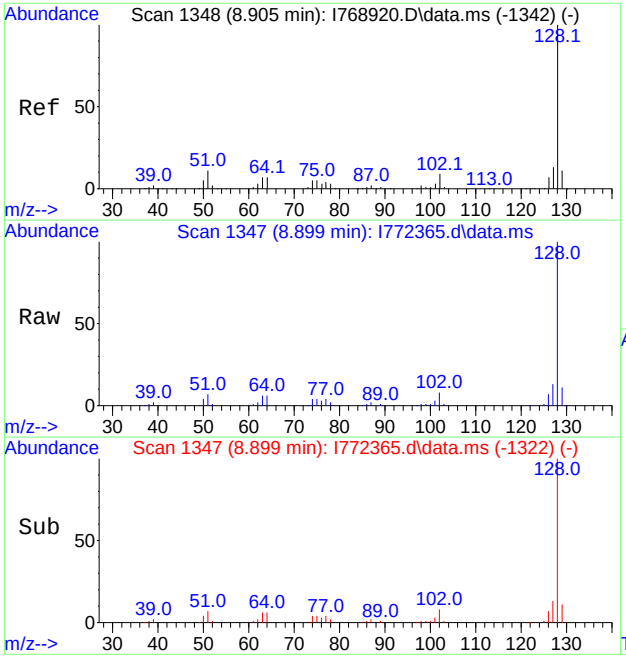


#110
1,2,4-Trichlorobenzene
Concen: 23.9017 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:180 Resp: 14915

Ion	Ratio	Lower	Upper
180	100		
182	94.5	68.0	128.0
145	30.9	4.1	64.1
109	26.8	0.0	59.7

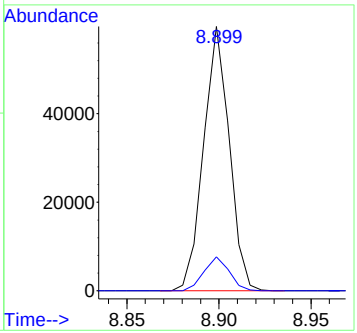


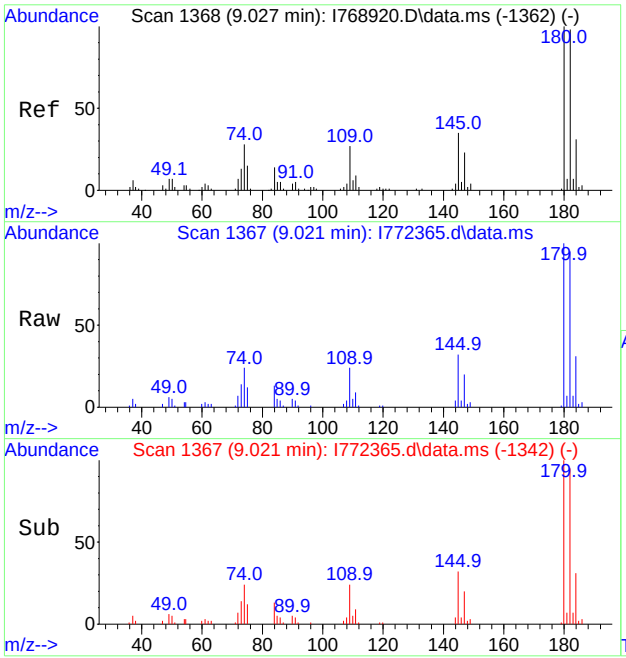


#111
Naphthalene
Concen: 23.2738 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:128 Resp: 58126

Ion	Ratio	Lower	Upper
128	100		
127	12.9	0.0	42.5

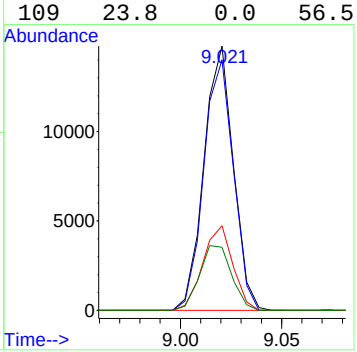




#112
1,2,3-Trichlorobenzene
Concen: 24.9886 ug/L
RT: 9.021 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I772365.d
Acq: 17 Jun 2025 2:06 pm

Tgt Ion:180 Resp: 14963

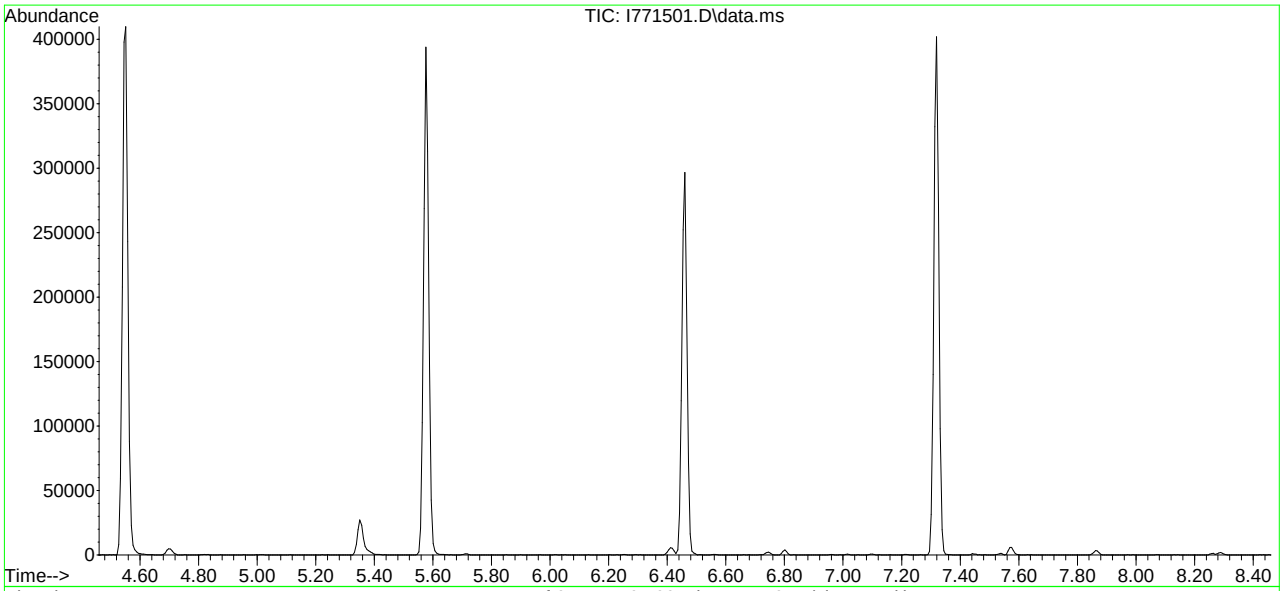
Ion	Ratio	Lower	Upper
180	100		
182	94.7	64.2	124.2
145	32.0	3.1	63.1
109	23.8	0.0	56.5

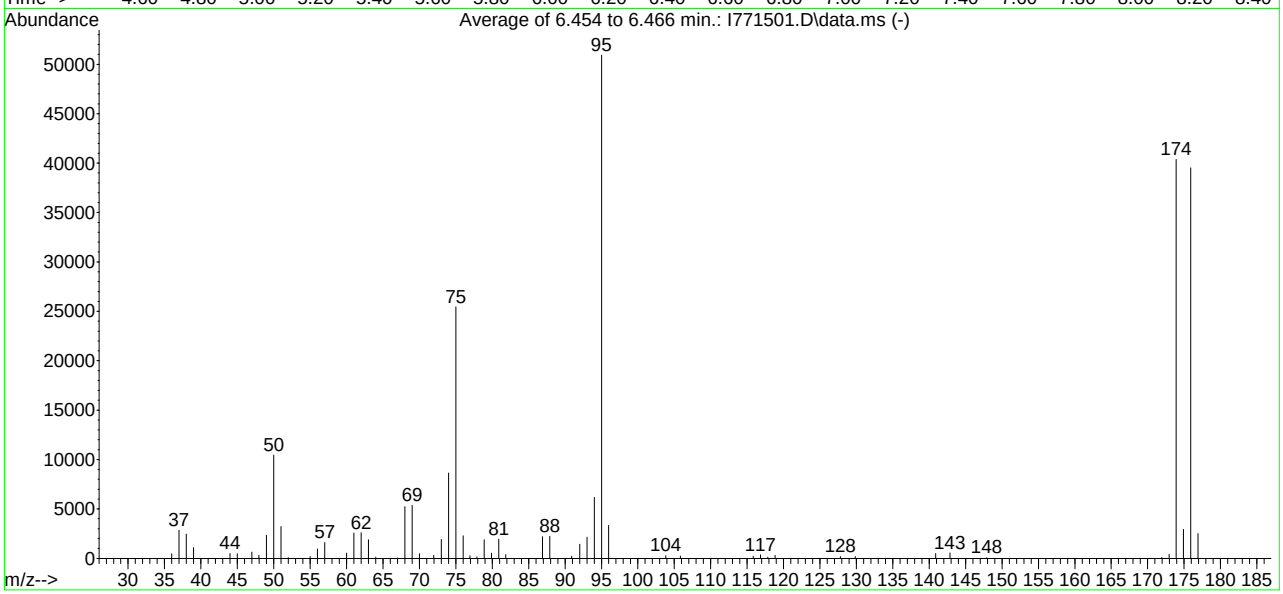


Methods: SW-846 8260D

Data File : C:\msdchem\1\data\05-18-25\I771501.D Vial: 1
Acq On : 18 May 2025 7:53 am Operator: jeniferw
Sample : BFB Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 946, 947, 948; Background Corrected with Scan 940

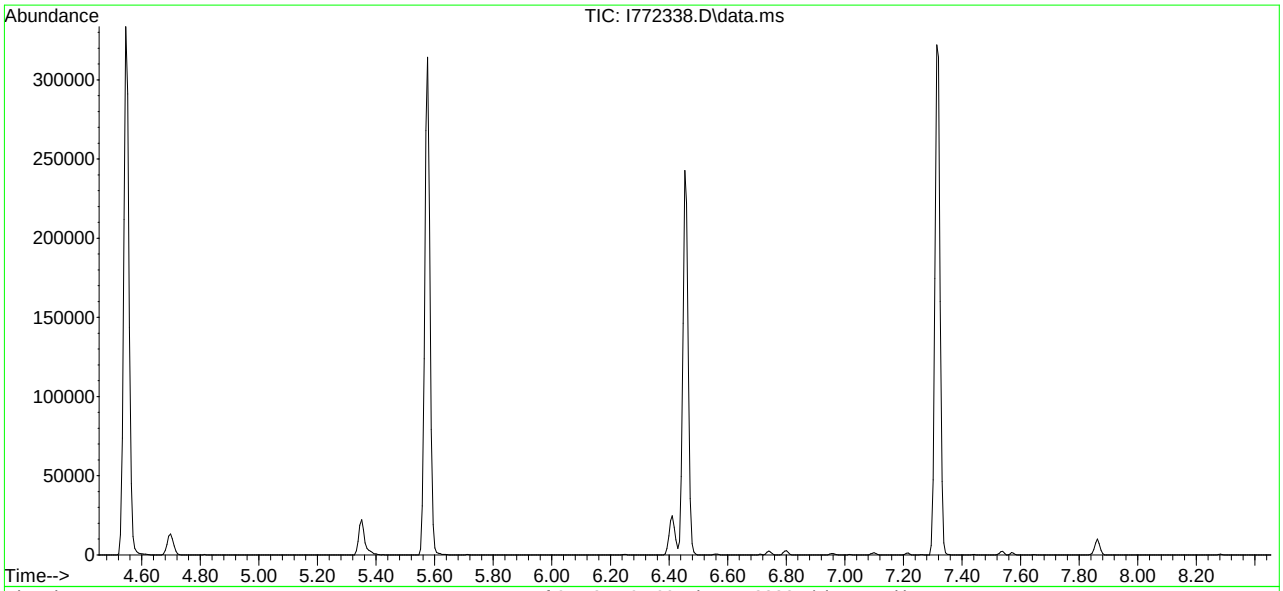
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	50915	PASS
96	95	5	9	6.6	3340	PASS
173	174	0.00	2	1.0	406	PASS
174	95	50	200	79.3	40371	PASS
175	174	5	9	7.3	2946	PASS
176	174	95	105	97.9	39531	PASS
177	176	5	10	6.4	2520	PASS

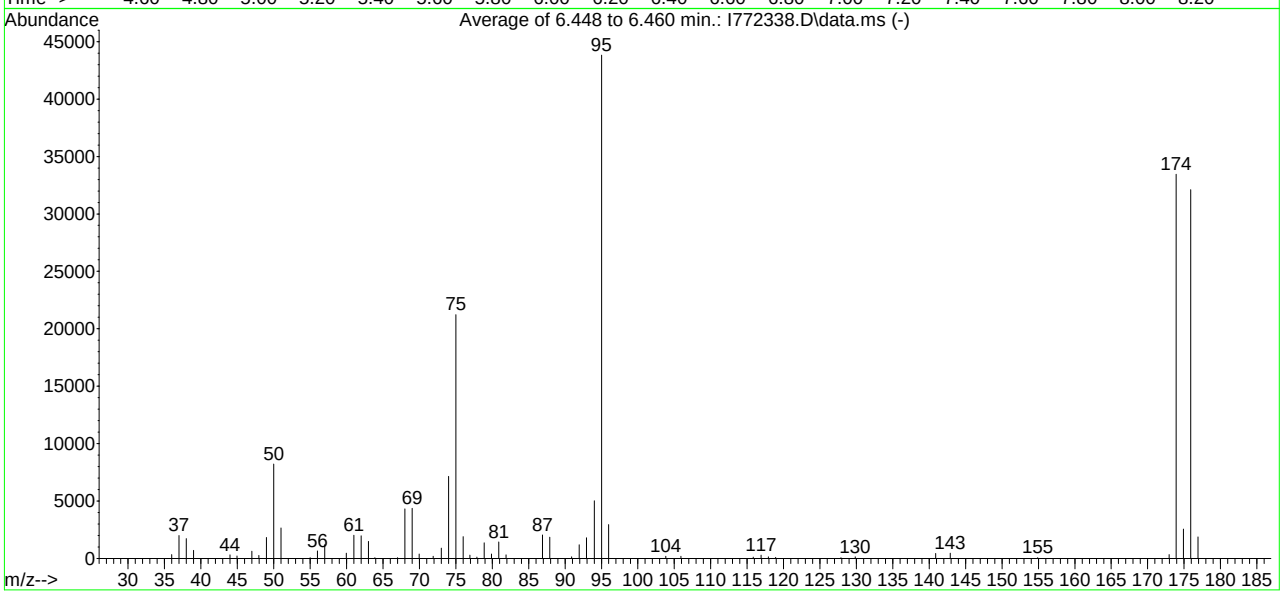
I771501.D VI3572_05182025.M Sun May 18 13:29:05 2025

Methods: SW-846 8260D

Data File : C:\msdchem\1\data\06-17-25\I772338.D Vial: 1
Acq On : 17 Jun 2025 6:32 am Operator: jeniferw
Sample : BFB Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3572_05182025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 945, 946, 947; Background Corrected with Scan 939

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	43821	PASS
96	95	5	9	6.7	2947	PASS
173	174	0.00	2	1.0	329	PASS
174	95	50	200	76.3	33448	PASS
175	174	5	9	7.7	2563	PASS
176	174	95	105	96.0	32104	PASS
177	176	5	10	5.8	1860	PASS

I772338.D VI3572_05182025.M Tue Jun 17 07:27:47 2025

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 11:32:33 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	206753	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.576	117	149509	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	72275	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	58889	49.33	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.66%			
49) 1,2-Dichloroethane-d4	3.455	65	70703	48.96	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	97.92%			
63) Toluene-d8	4.552	98	191503	49.33	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	98.66%			
86) 4-Bromofluorobenzene	6.460	174	55503	48.75	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	97.50%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	1054	0.99	ug/L		98
3) Chloromethane	1.205	50	974	1.02	ug/L		99
4) 1,3-butadiene	1.266	39	729m	0.89	ug/L		
5) Vinyl Chloride	1.260	62	953	1.02	ug/L		92
6) Bromomethane	1.449	94	669	1.35	ug/L		94
7) Chloroethane	1.516	64	427	1.24	ug/L		89
8) Trichlorofluoromethane	1.595	101	1295	1.10	ug/L		95
9) Ethyl Ether	1.784	59	641	0.83	ug/L		90
11) 1,2-Dichlorotrifluoroe...	1.888	67	831m	0.94	ug/L		
12) 1,1-Dichloroethene	1.888	61	974	0.89	ug/L		96
13) Freon 113	1.912	101	501	0.77	ug/L		89
14) Carbon Disulfide	1.912	76	2396	1.05	ug/L		94
16) Acrolein	2.077	56	1522	5.29	ug/L		95
17) Allyl chloride	2.150	41	1672	1.21	ug/L		96
18) Methylene Chloride	2.205	49	1455	1.31	ug/L		97
19) Acetone	2.235	43	3306	5.31	ug/L		99
20) Methyl acetate	2.296	43	8363	5.66	ug/L		97
21) trans-1,2-Dichloroethene	2.296	61	1096	1.04	ug/L		91
22) Hexane	2.333	56	500	0.80	ug/L	#	50
23) Methyl Tert Butyl Ether	2.357	73	2462	0.97	ug/L	#	49
24) Acetonitrile	2.491	41	3665m	15.96	ug/L		
25) Tert Butyl Alcohol	2.406	59	4035	9.68	ug/L		90
26) Di-isopropyl ether	2.552	45	2561	0.92	ug/L		95
27) Chloroprene	2.650	53	2631	0.85	ug/L		83
28) 1,1-Dichloroethane	2.626	63	1377	1.03	ug/L		93
29) Acrylonitrile	2.650	52	2259	4.67	ug/L	#	70
30) ETBE	2.747	59	2362	0.90	ug/L		96
31) Vinyl acetate	2.754	43	9104	3.64	ug/L		96
32) cis-1,2-Dichloroethene	2.912	96	781	1.02	ug/L		87
33) 2,2-Dichloropropane	2.973	77	1029	0.85	ug/L		91
34) Bromochloromethane	3.022	128	326	0.84	ug/L		92
35) Cyclohexane	3.028	56	879	0.70	ug/L		88
36) Chloroform	3.058	83	2409	1.76	ug/L		98
37) Ethyl acetate	3.119	43	7374	4.23	ug/L		98
40) Carbon Tetrachloride	3.138	117	753	0.72	ug/L		94
41) 1,1,1-Trichloroethane	3.174	97	939	0.85	ug/L		91
42) 2-Butanone	3.223	43	4758	4.52	ug/L		96
43) 1,1-Dichloropropene	3.241	75	805	0.94	ug/L		97
44) tert-Butyl formate	3.302	59	3241	3.58	ug/L		81
45) Propionitrile	3.388	54	2668	9.64	ug/L	#	45
46) Methacrylonitrile	3.400	41	8956	9.72	ug/L		97
47) Benzene	3.381	78	2875	1.04	ug/L		86

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 11:32:33 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

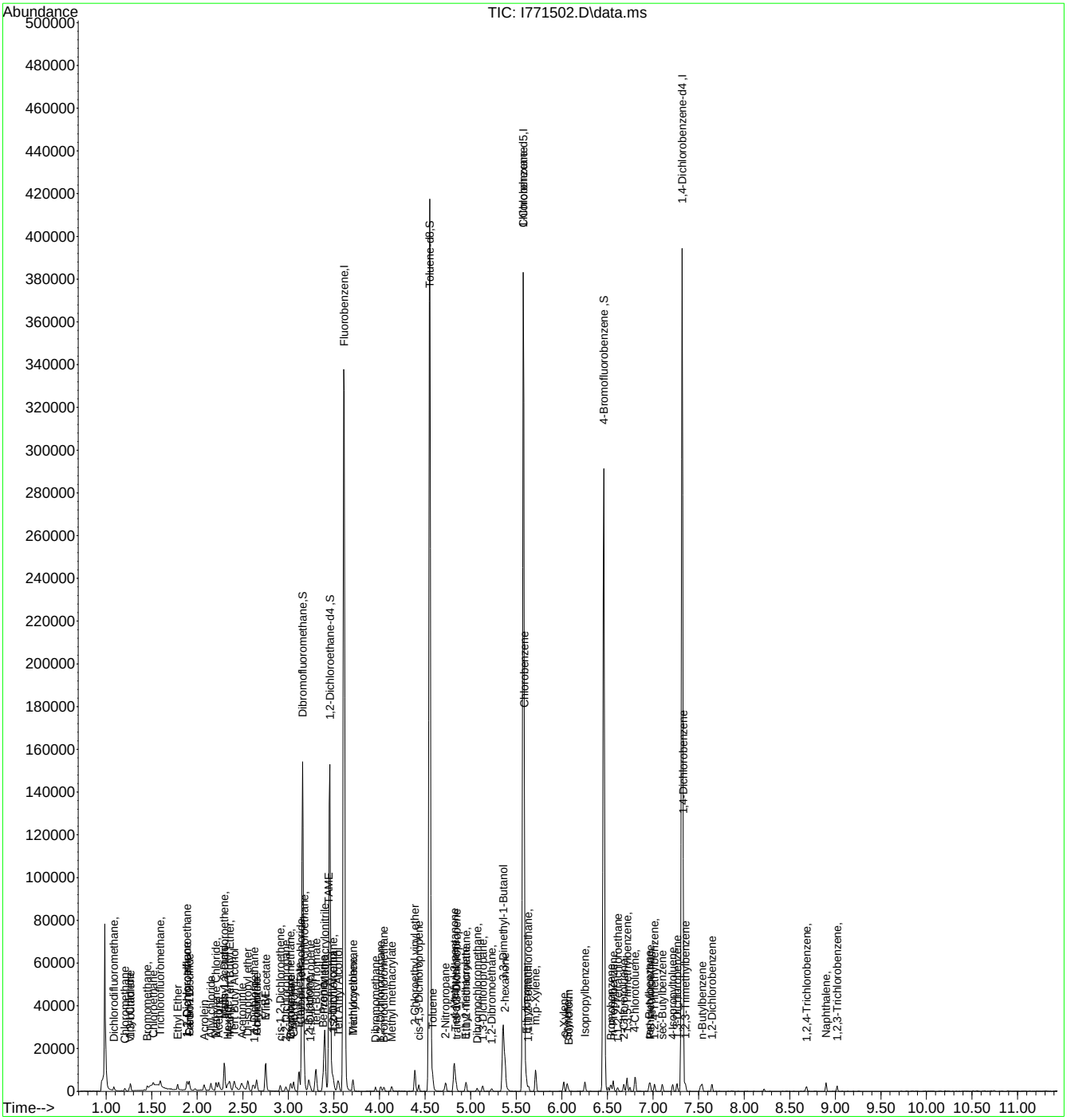
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) TAME	3.442	73	2186	0.88	ug/L	#	65
50) 1,2-Dichloroethane	3.491	62	1142	1.02	ug/L		93
51) Isobutyl Alcohol	3.485	43	2286	56.28	ug/L		61
52) Tert Amyl Alcohol	3.546	59	2656	7.63	ug/L		92
53) Trichloroethene	3.711	95	810	1.00	ug/L		89
54) Methylcyclohexane	3.711	83	690	0.62	ug/L		94
55) Dibromomethane	3.955	93	560	0.99	ug/L		91
56) 1,2-Dichloropropane	4.009	63	685	0.90	ug/L		86
57) Bromodichloromethane	4.046	83	1104	1.01	ug/L		97
58) Methyl methacrylate	4.131	41	926	0.79	ug/L		94
60) 2-Chloroethyl vinyl ether	4.387	63	2851	4.09	ug/L		95
61) cis-1,3-Dichloropropene	4.430	75	1109	0.86	ug/L		92
64) Toluene	4.582	91	2994	1.01	ug/L		97
65) 2-Nitropropane	4.723	41	1734	3.22	ug/L		88
66) 4-Methyl-2-pentanone	4.820	43	6587	3.89	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	1088	0.85	ug/L		94
68) Tetrachloroethene	4.832	166	606	0.85	ug/L		91
69) Ethyl methacrylate	4.942	69	991	0.80	ug/L		90
70) 1,1,2-Trichloroethane	4.948	83	573	0.94	ug/L		96
71) Dibromochloromethane	5.070	129	752	0.84	ug/L		99
72) 1,3-Dichloropropane	5.131	76	1178	0.97	ug/L		93
73) 1,2-Dibromoethane	5.229	107	779	0.92	ug/L		92
74) 3,3-Dimethyl-1-Butanol	5.357	57	13764	39.26	ug/L		95
75) 2-hexanone	5.375	43	7898	3.87	ug/L		85
76) 1-Chlorohexane	5.576	91	1099m	1.00	ug/L		
77) Ethylbenzene	5.613	91	3242m	0.95	ug/L		
78) Chlorobenzene	5.588	112	1936	1.01	ug/L		83
79) 1,1,1,2-Tetrachloroethane	5.631	131	567	0.77	ug/L	#	87
80) m,p-Xylene	5.710	91	4544	1.75	ug/L		95
81) o-Xylene	6.021	91	2395	0.91	ug/L		97
82) Styrene	6.058	104	1542	0.77	ug/L		93
83) Bromoform	6.076	173	461	0.66	ug/L		87
84) Isopropylbenzene	6.253	105	2634	0.85	ug/L		96
88) n-Propylbenzene	6.564	91	3310	0.94	ug/L		96
89) Bromobenzene	6.539	156	796	1.02	ug/L		90
90) 1,1,2,2-Tetrachloroethane	6.613	83	1250	1.10	ug/L		87
91) 1,3,5-Trimethylbenzene	6.716	105	2179	0.88	ug/L		92
92) 2-Chlorotoluene	6.680	91	1972	0.99	ug/L		95
96) 4-Chlorotoluene	6.802	91	2102	0.93	ug/L		91
97) tert-Butylbenzene	6.960	91	1096	0.79	ug/L		89
98) 1,2,4-Trimethylbenzene	7.015	105	1995	0.77	ug/L		92
99) Pentachloroethane	6.972	167	335	0.71	ug/L	#	16
100) sec-Butylbenzene	7.100	105	2310	0.82	ug/L		97
101) 4-Isopropyltoluene	7.216	119	1834	0.76	ug/L		96
102) 1,3-Dichlorobenzene	7.265	146	1364	0.97	ug/L		94
103) 1,2,3-Trimethylbenzene	7.356	105	2235	0.87	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	1378m	0.96	ug/L		
105) n-Butylbenzene	7.539	92	1057	0.79	ug/L		89
107) 1,2-Dichlorobenzene	7.649	146	1216	0.90	ug/L		95
110) 1,2,4-Trichlorobenzene	8.685	180	600	0.73	ug/L		97
111) Naphthalene	8.899	128	2603	0.81	ug/L		99
112) 1,2,3-Trichlorobenzene	9.021	180	639	0.83	ug/L		98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 11:32:33 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

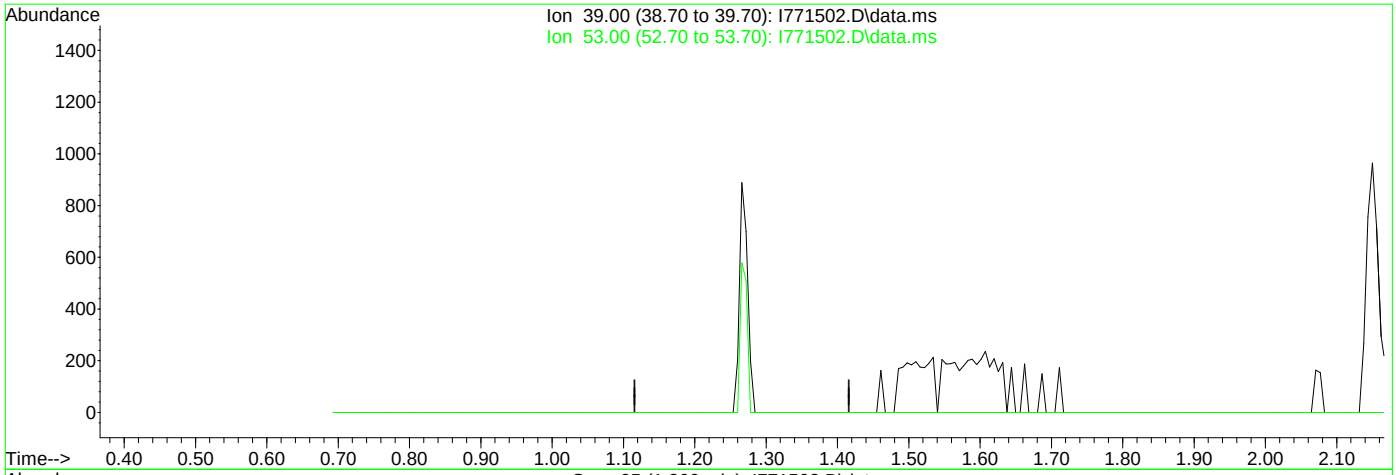
Sample Number: VI3572-IC3572
Lab FileID: I771502.D
Injection Time: 05/18/25 08:19
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

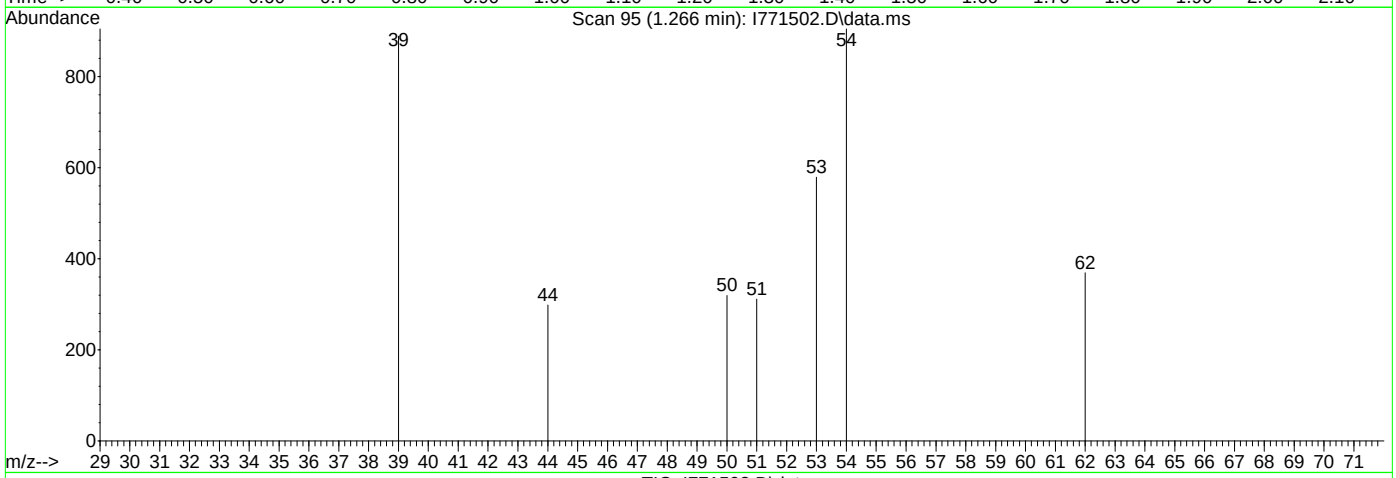
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Missed peak
1,2-Dichlorotrifluoroethane	354-23-4		1.89	Missed peak
Acetonitrile	75-05-8		2.49	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(4) 1,3-butadiene

1.266min (-1.266) 0.00ug/L

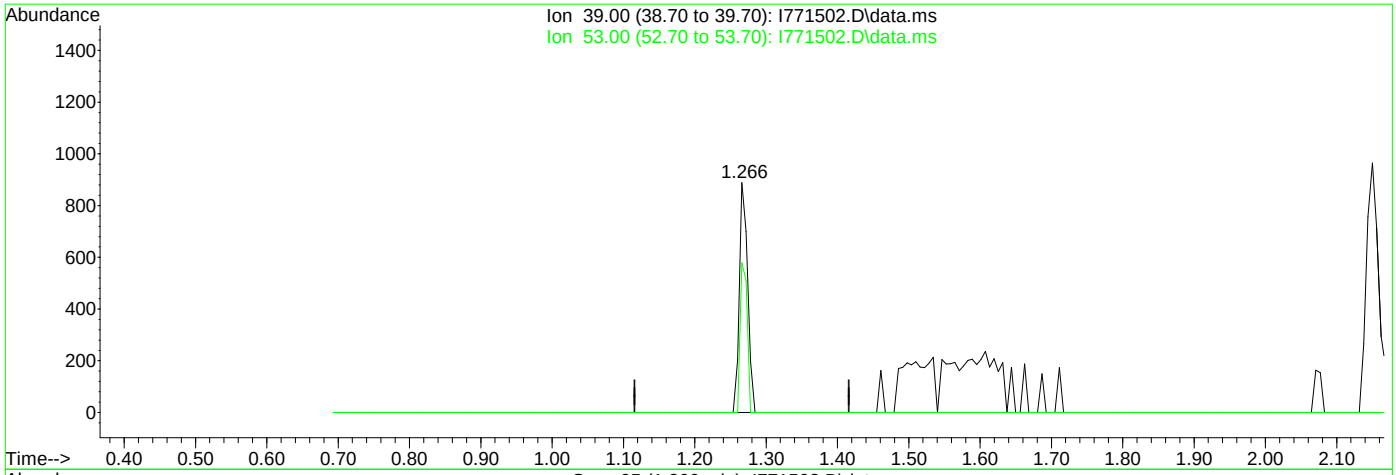
response 0

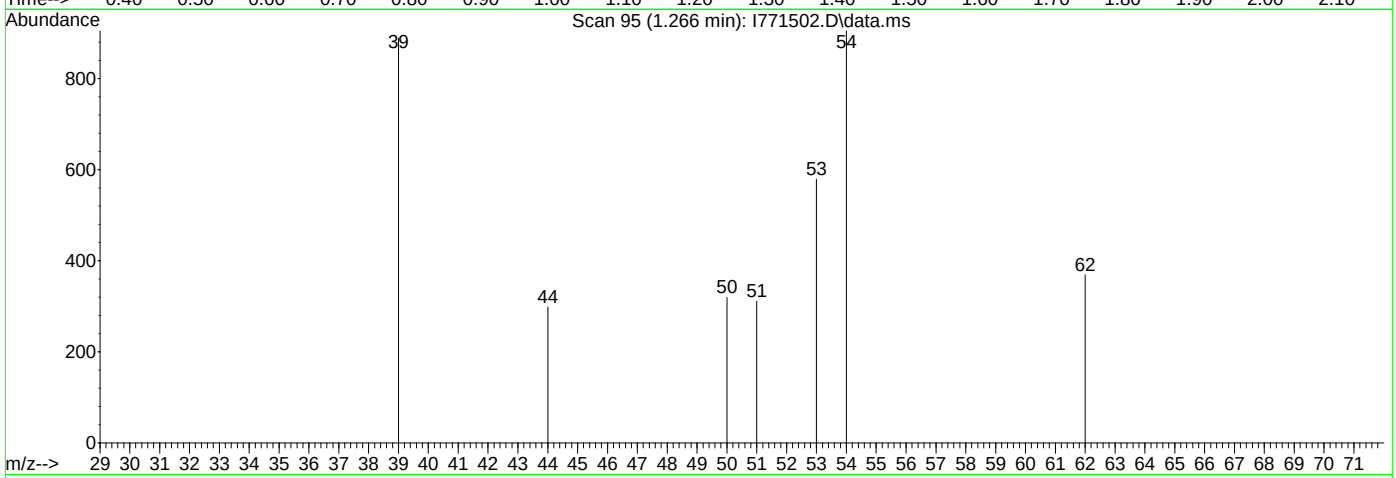
Ion	Exp%	Act%
39.00	100	0.00
53.00	72.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(4) 1,3-butadiene

1.266min (+0.000) 0.89ug/L m

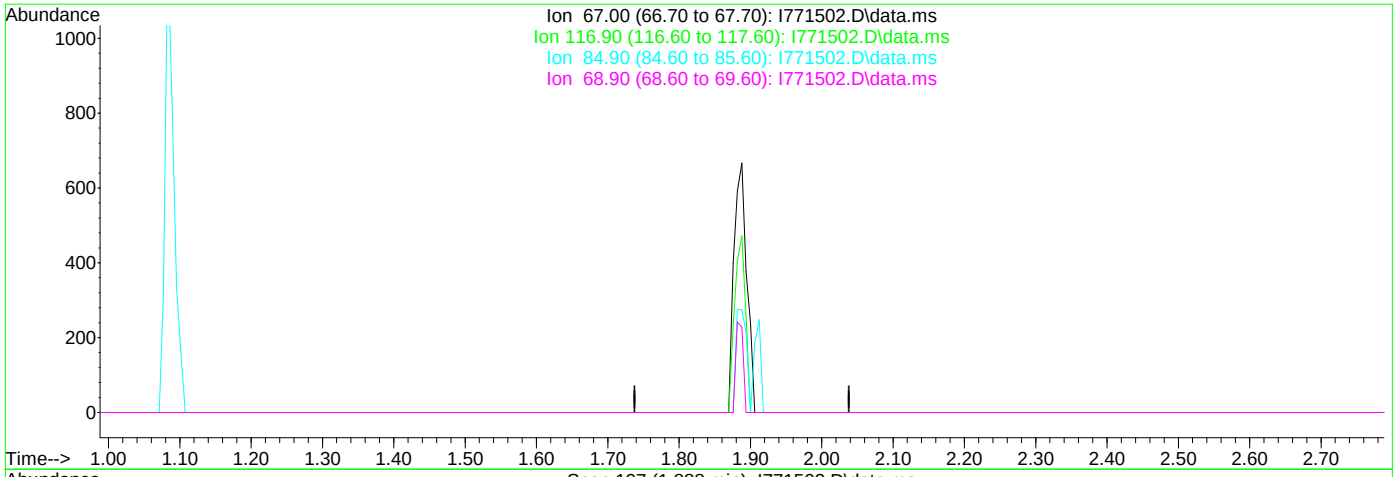
response 729

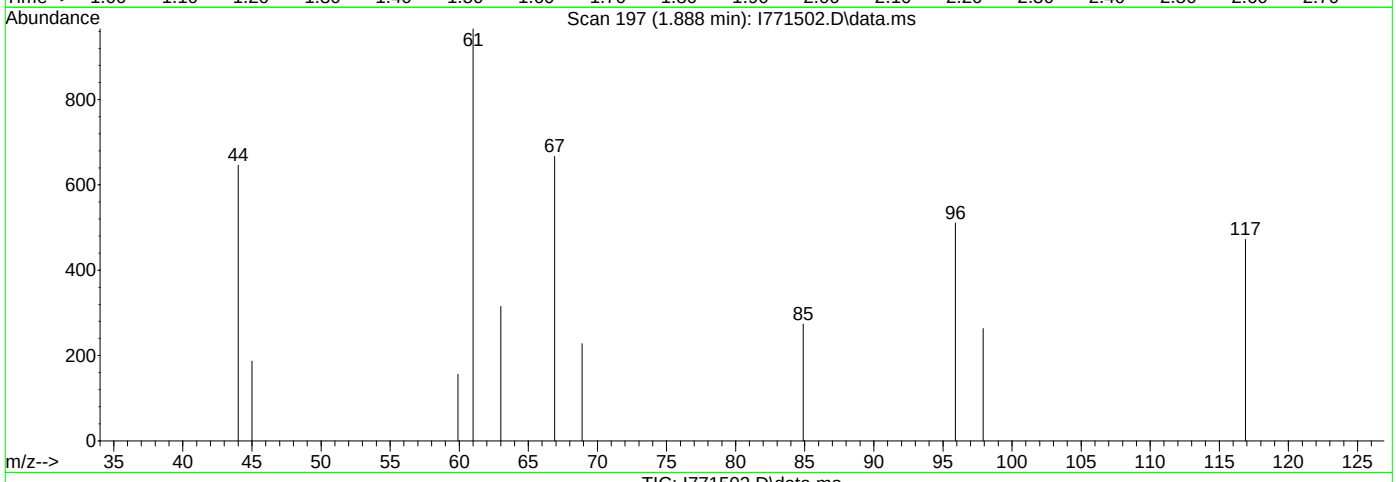
Ion	Exp%	Act%
39.00	100	100
53.00	72.10	65.13
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(11) 1,2-Dichlorotrifluoroethane

1.888min (-1.888) 0.00ug/L

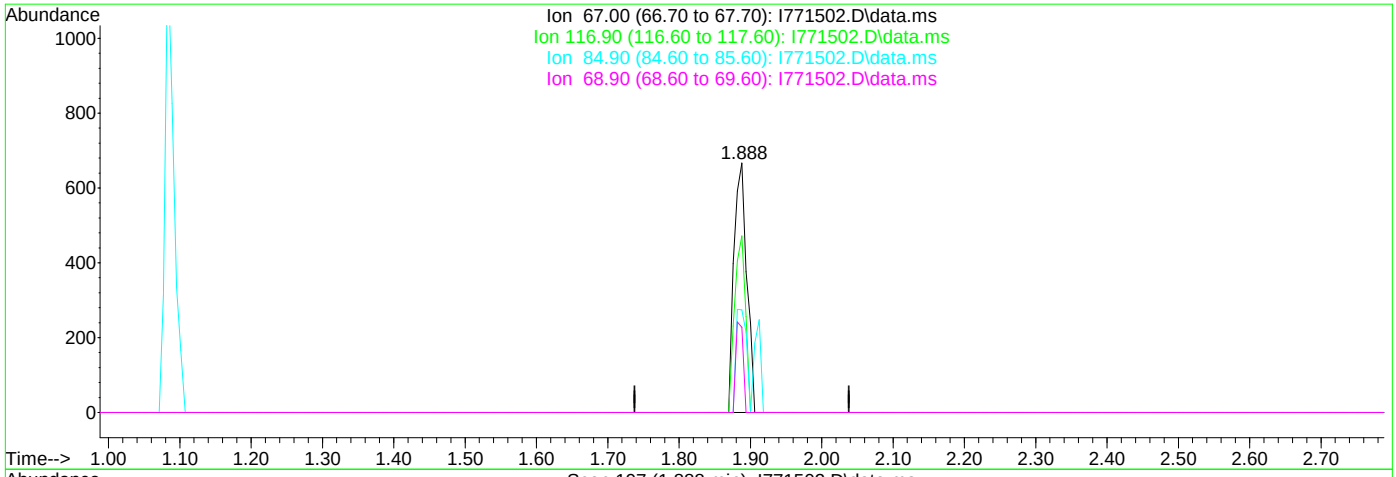
response 0

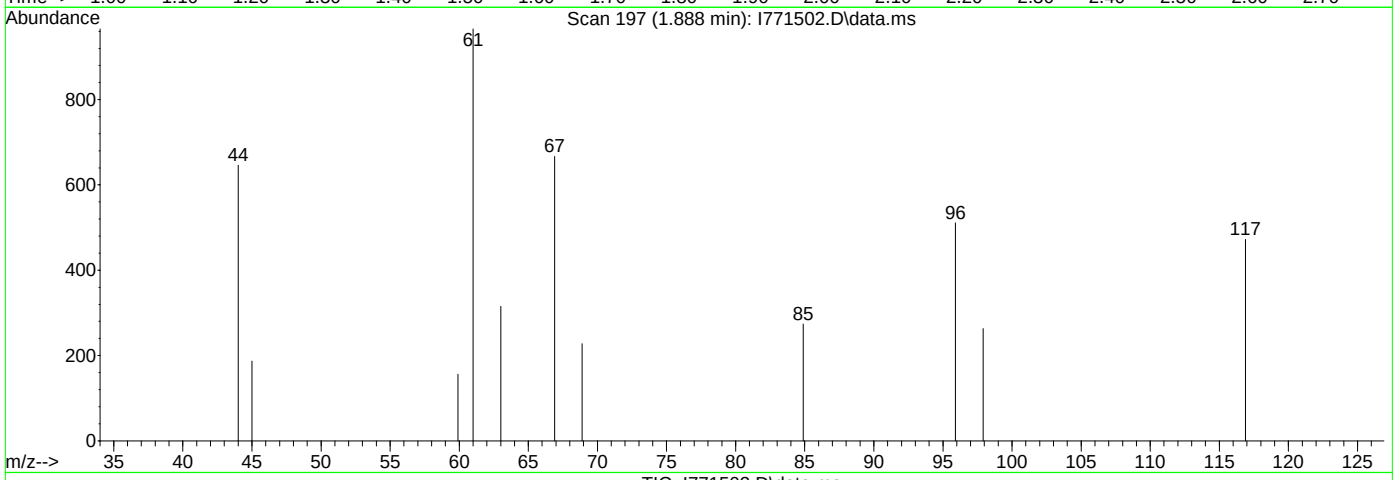
Ion	Exp%	Act%
67.00	100	0.00
116.90	64.40	0.00#
84.90	39.80	0.00#
68.90	31.90	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(11) 1,2-Dichlorotrifluoroethane

1.888min (-0.000) 0.94ug/L m

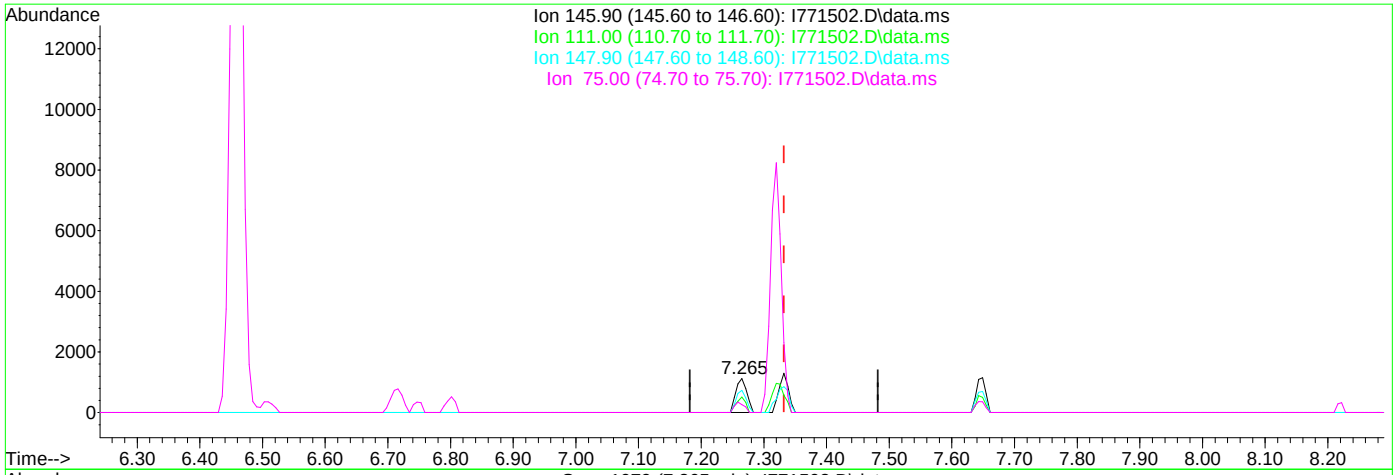
response 831

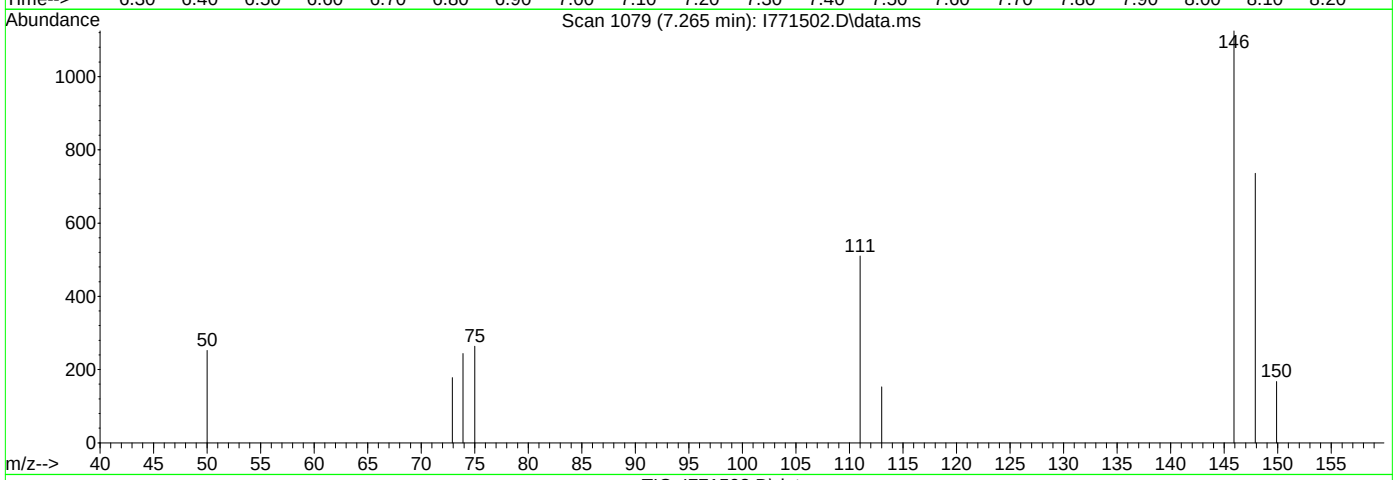
Ion	Exp%	Act%
67.00	100	100
116.90	64.40	70.76
84.90	39.80	41.08
68.90	31.90	34.18

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(104) 1,4-Dichlorobenzene

7.265min (-0.067) 0.95ug/L

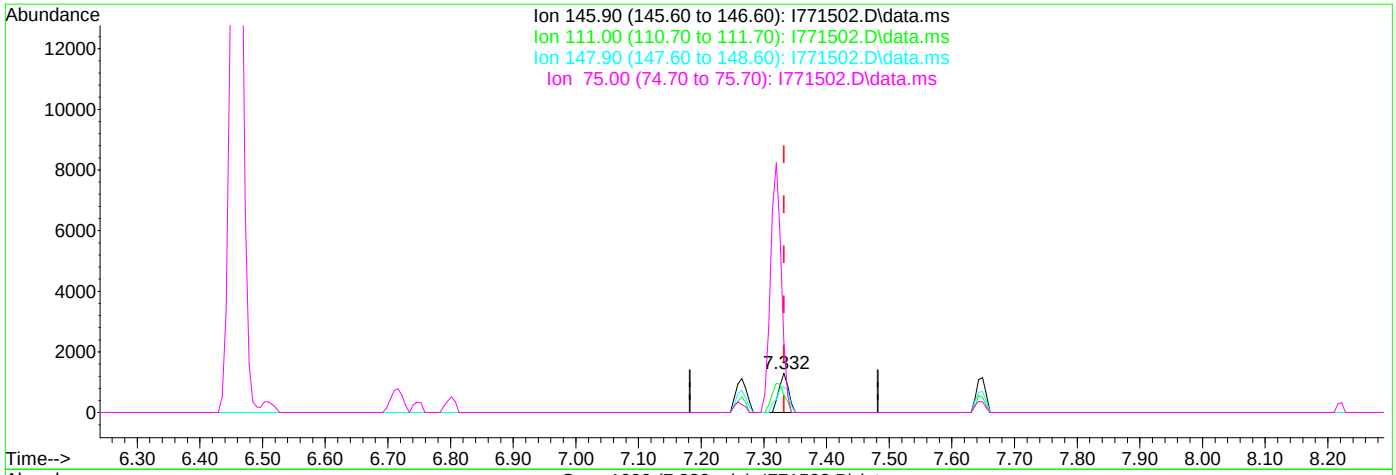
response 1364

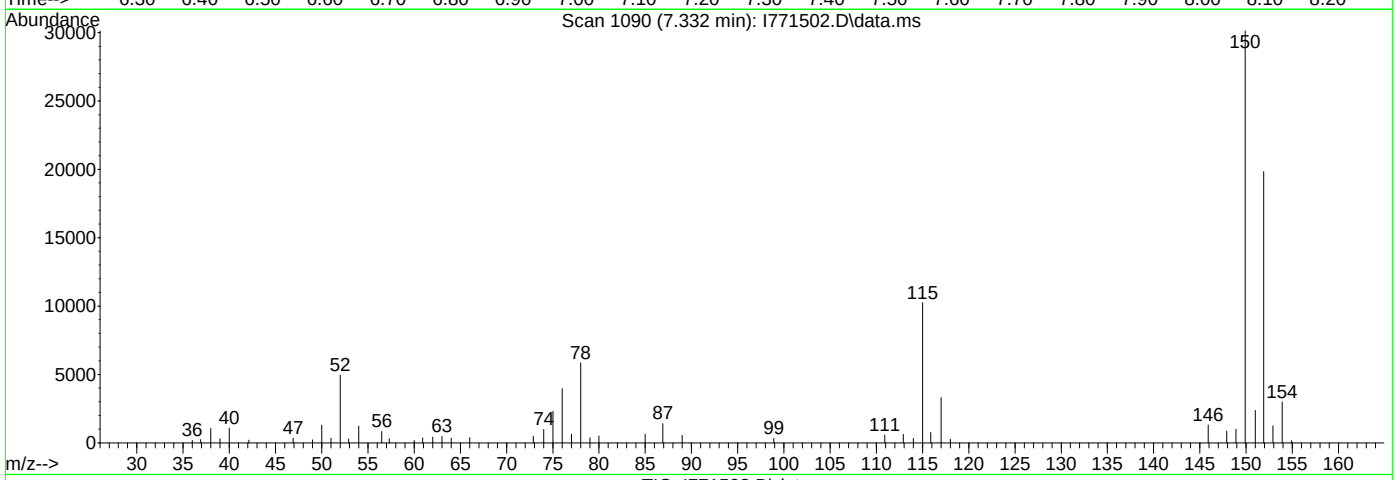
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	45.33
147.90	63.70	65.42
75.00	32.10	23.47

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(104) 1,4-Dichlorobenzene

7.332min (-0.000) 0.96ug/L m

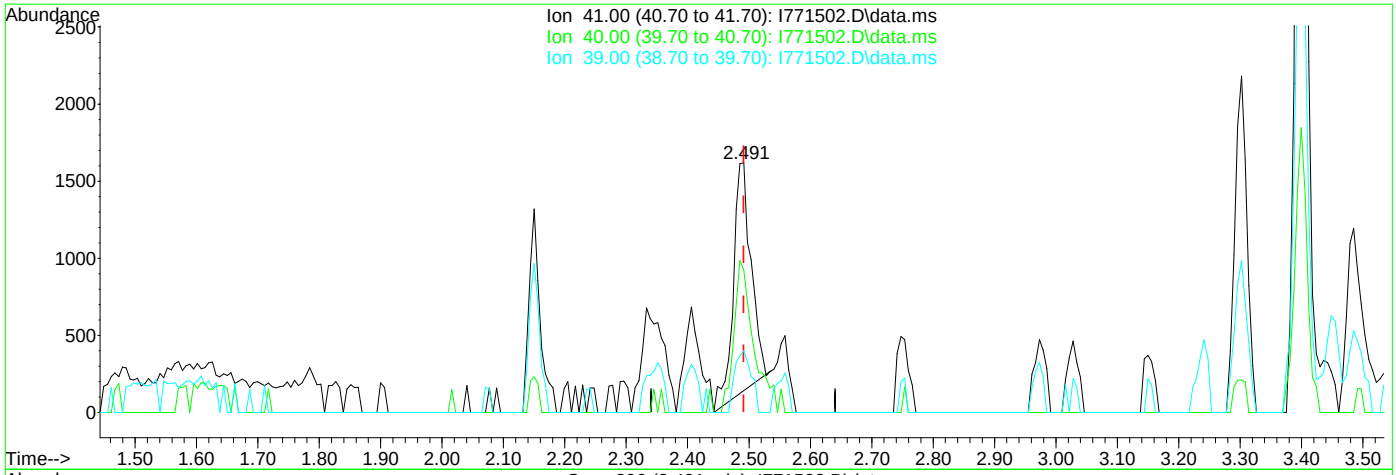
response 1378

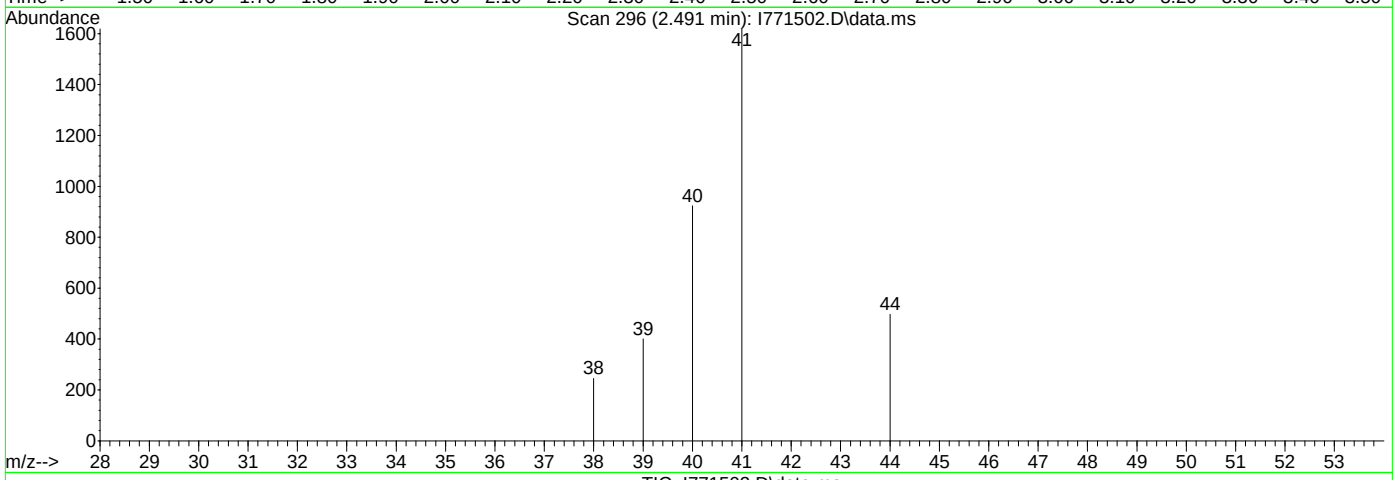
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	43.97
147.90	63.70	65.80
75.00	32.10	177.33#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 13.20ug/L

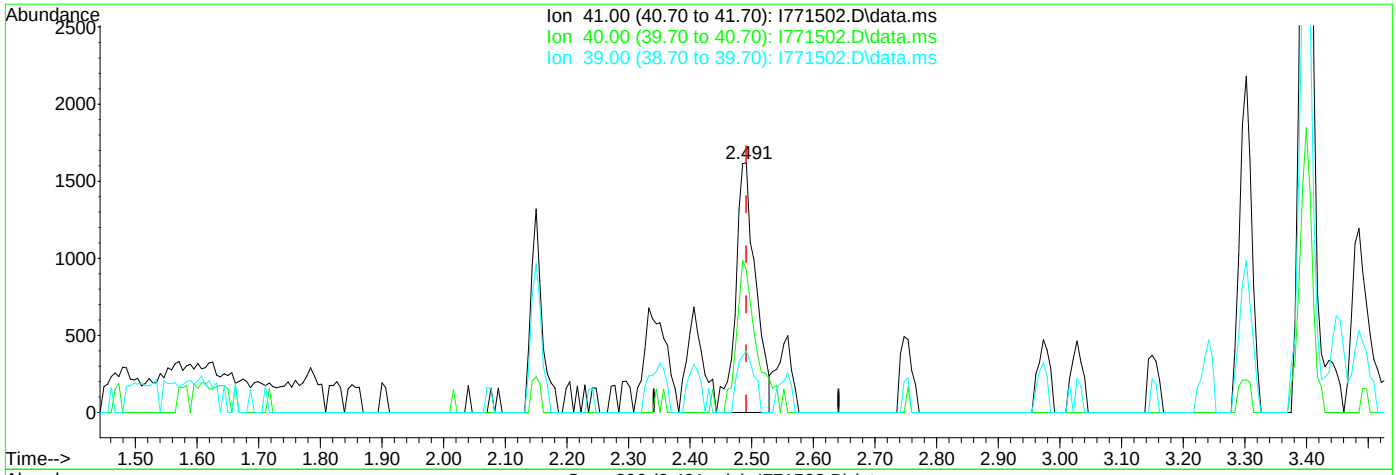
response 3032

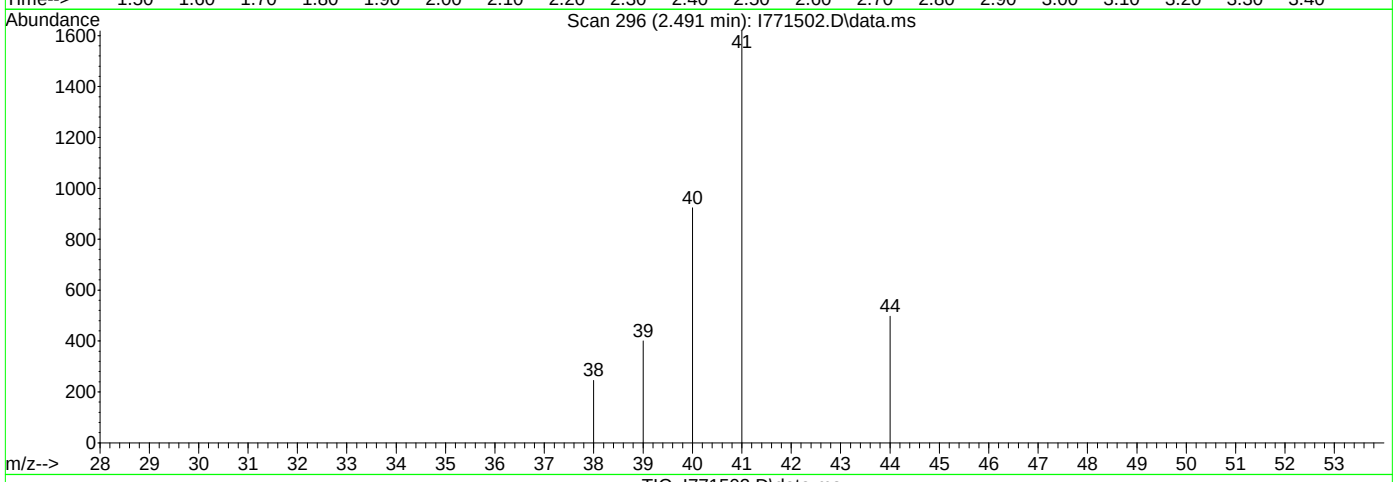
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	57.01
39.00	20.00	24.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 15.96ug/L m

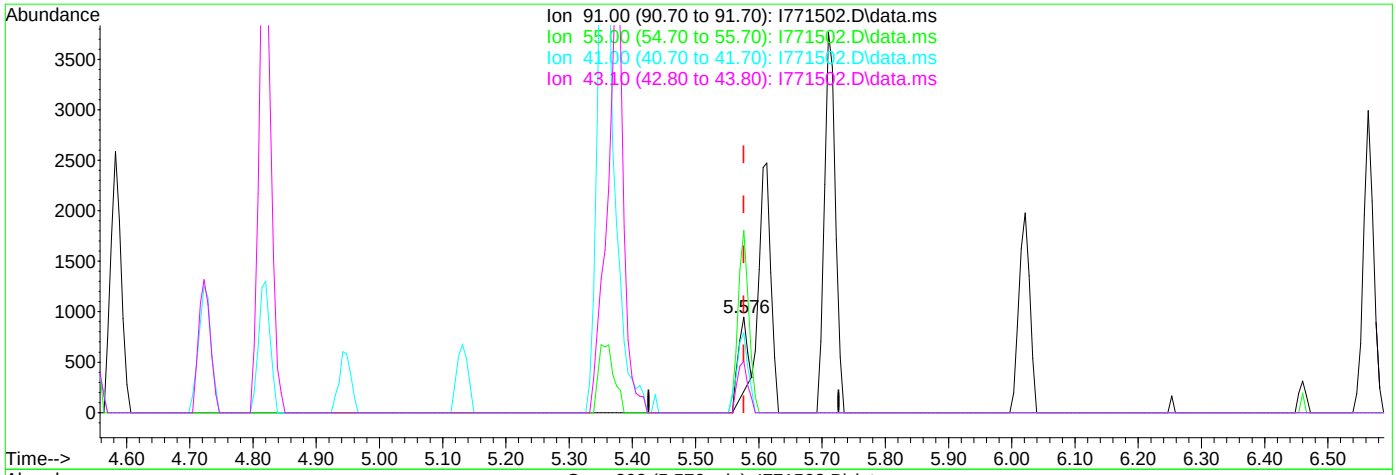
response 3665

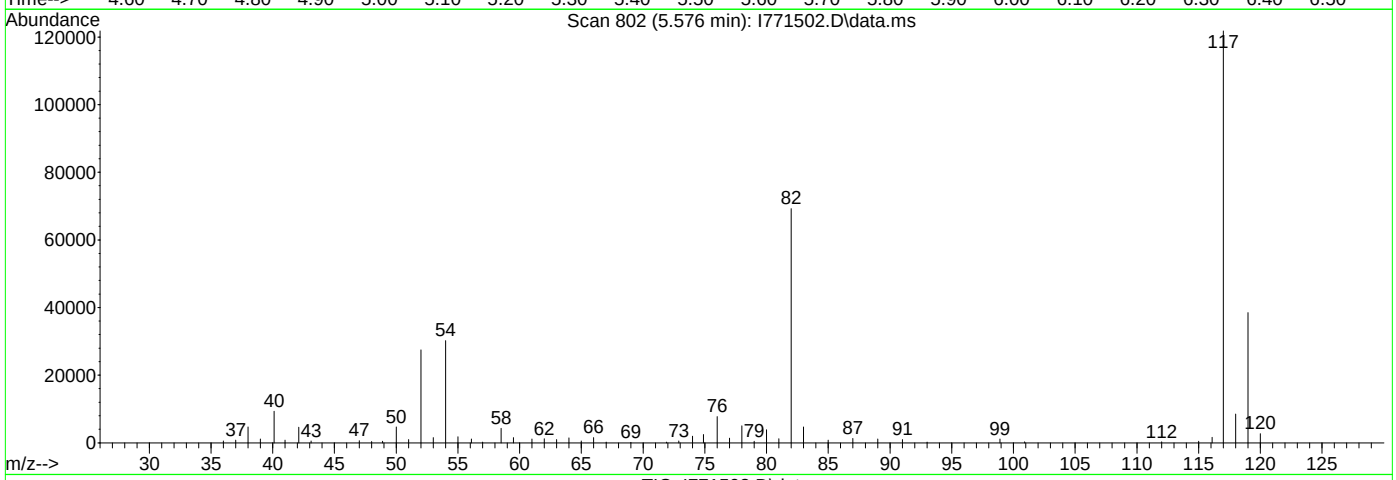
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	57.01
39.00	20.00	24.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 0.71ug/L

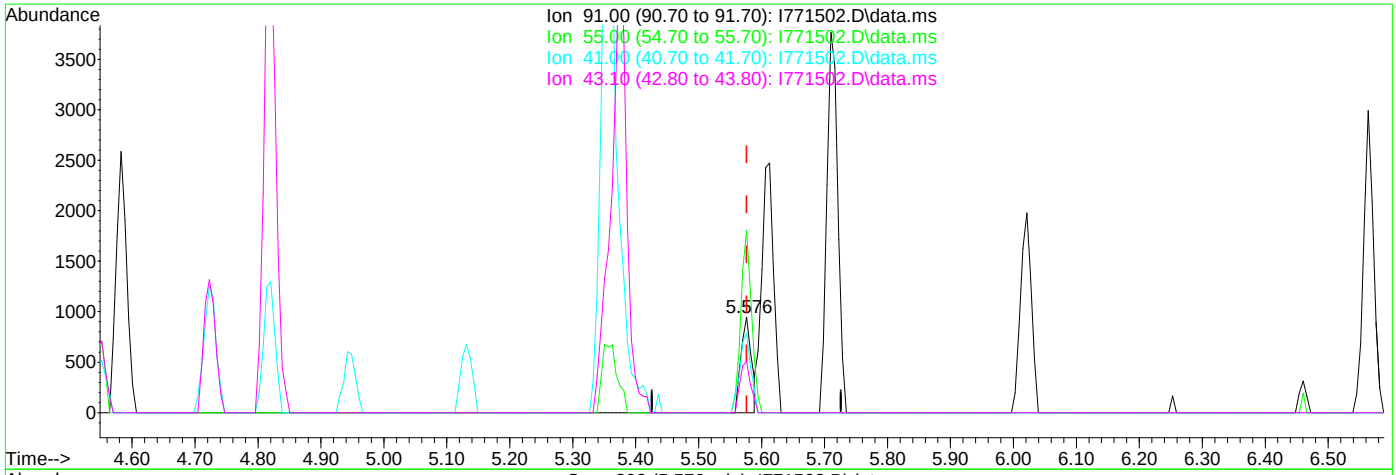
response 778

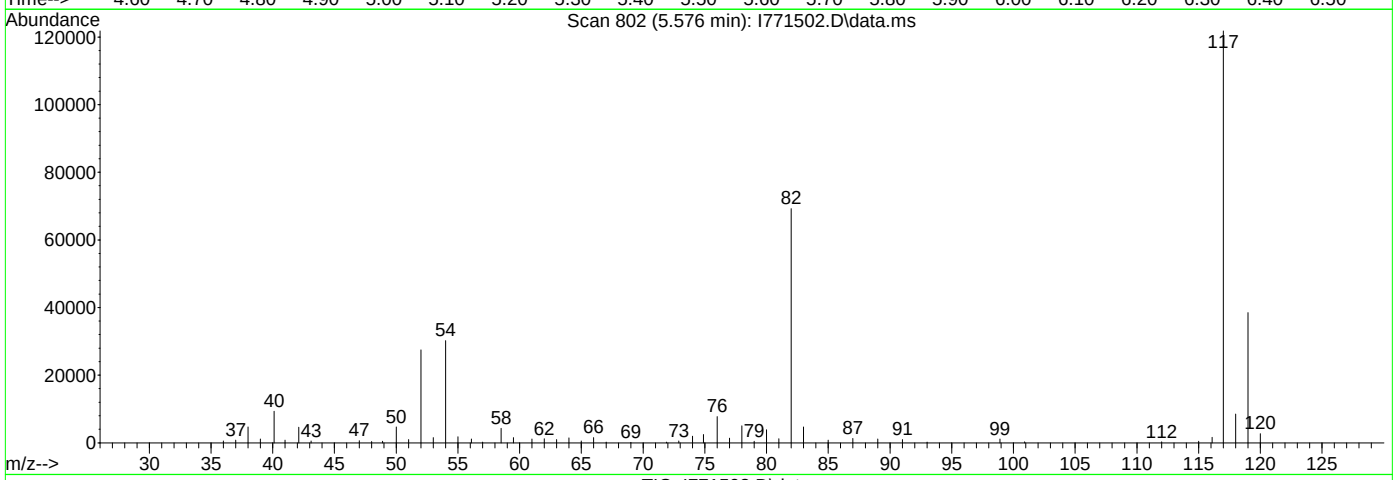
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	173.65#
41.00	64.20	63.70
43.10	52.80	53.76

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 1.00ug/L m

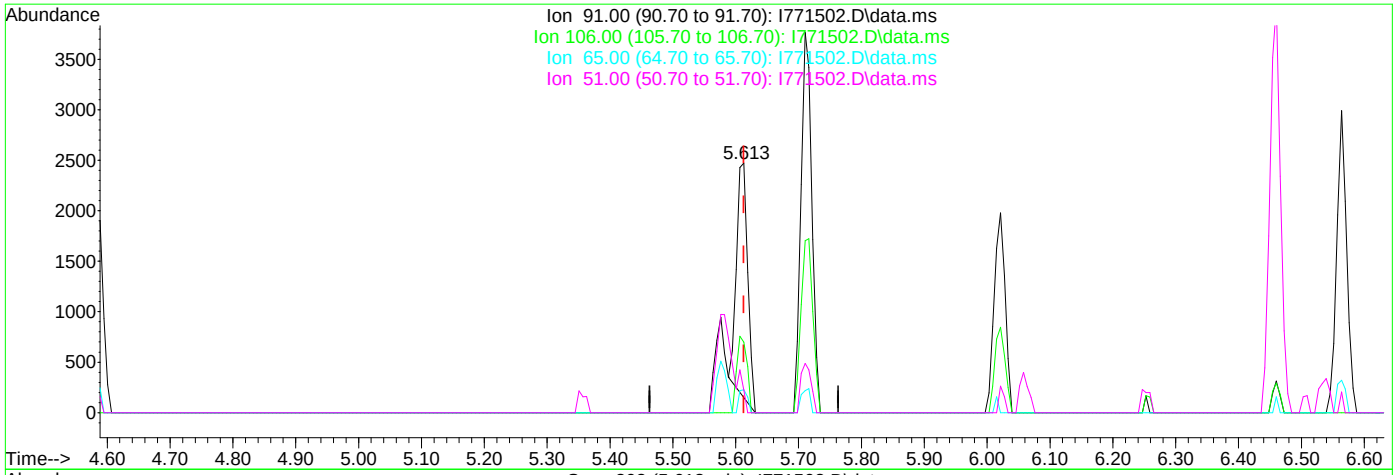
response 1099

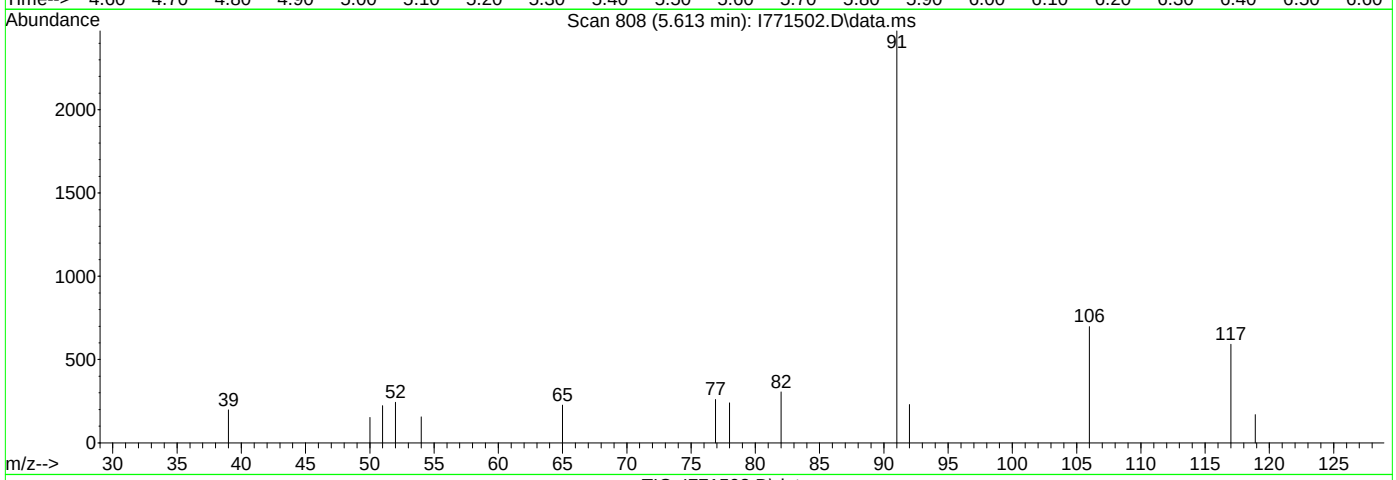
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	190.79#
41.00	64.20	83.49
43.10	52.80	53.76

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 0.81ug/L

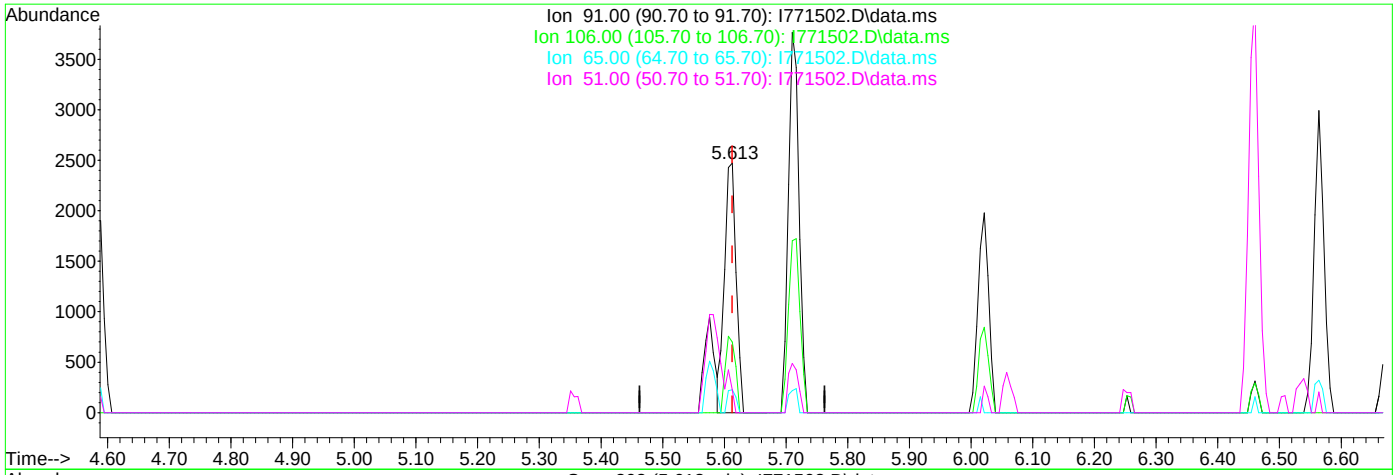
response 2792

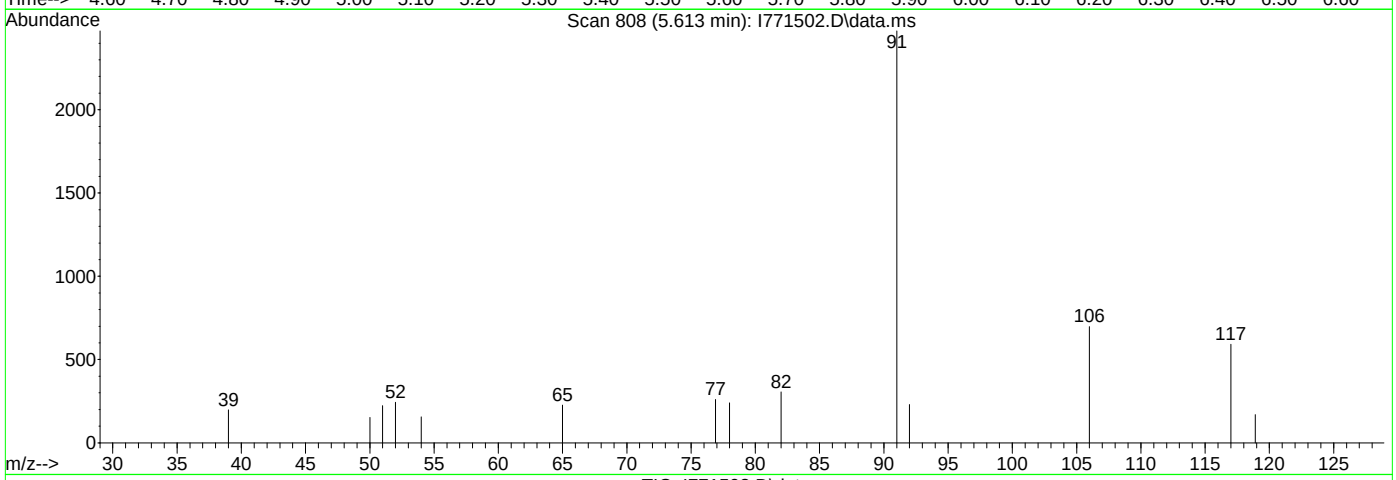
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	28.21
65.00	9.50	9.18
51.00	11.40	9.01

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771502.D
Acq On : 18 May 2025 8:19 am
Operator : jeniferw
Sample : IC3572-1 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 10:48:14 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771502.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 0.95ug/L m

response 3242

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	28.21
65.00	9.50	9.18
51.00	11.40	9.01

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 11:35:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	202824	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	148157	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	71359	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	58031	49.55	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	99.10%			
49) 1,2-Dichloroethane-d4	3.455	65	69773	49.25	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	98.50%			
63) Toluene-d8	4.552	98	190614	49.54	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.08%			
86) 4-Bromofluorobenzene	6.460	174	54866	48.81	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	97.62%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	2026	1.94	ug/L		98
3) Chloromethane	1.205	50	1849	1.97	ug/L		96
4) 1,3-butadiene	1.266	39	1337m	1.67	ug/L		
5) Vinyl Chloride	1.254	62	1796	1.96	ug/L		100
6) Bromomethane	1.449	94	1068	2.20	ug/L		90
7) Chloroethane	1.516	64	795	2.36	ug/L		86
8) Trichlorofluoromethane	1.595	101	2561	2.22	ug/L		97
9) Ethyl Ether	1.784	59	1404	1.85	ug/L		93
11) 1,2-Dichlorotrifluoroe...	1.888	67	1680	1.93	ug/L		95
12) 1,1-Dichloroethene	1.888	61	2162	2.02	ug/L		89
13) Freon 113	1.912	101	1215	1.89	ug/L		95
14) Carbon Disulfide	1.912	76	4284	1.91	ug/L		97
16) Acrolein	2.077	56	2802	9.92	ug/L		98
17) Allyl chloride	2.150	41	2727	2.00	ug/L		94
18) Methylene Chloride	2.205	49	2298	2.11	ug/L		94
19) Acetone	2.235	43	6005	9.83	ug/L		98
20) Methyl acetate	2.302	43	13518	9.33	ug/L		96
21) trans-1,2-Dichloroethene	2.296	61	2037	1.96	ug/L		91
22) Hexane	2.339	56	1099	1.79	ug/L	#	80
23) Methyl Tert Butyl Ether	2.357	73	4724	1.90	ug/L	#	51
24) Acetonitrile	2.491	41	5246m	23.29	ug/L		
25) Tert Butyl Alcohol	2.406	59	7437	18.19	ug/L		87
26) Di-isopropyl ether	2.559	45	4776	1.75	ug/L		89
27) Chloroprene	2.650	53	5690	1.86	ug/L		81
28) 1,1-Dichloroethane	2.626	63	2592	1.97	ug/L		92
29) Acrylonitrile	2.656	52	4849	10.23	ug/L	#	61
30) ETBE	2.754	59	4498	1.74	ug/L		91
31) Vinyl acetate	2.754	43	20332	8.30	ug/L		95
32) cis-1,2-Dichloroethene	2.912	96	1493	1.98	ug/L		88
33) 2,2-Dichloropropane	2.973	77	2119	1.79	ug/L		94
34) Bromochloromethane	3.022	128	748	1.97	ug/L		96
35) Cyclohexane	3.028	56	2114	1.72	ug/L		95
36) Chloroform	3.058	83	3509	2.61	ug/L		98
37) Ethyl acetate	3.119	43	15109	8.84	ug/L		98
40) Carbon Tetrachloride	3.144	117	1863m	1.81	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	2130	1.98	ug/L		97
42) 2-Butanone	3.229	43	9118	8.83	ug/L		92
43) 1,1-Dichloropropene	3.241	75	1679	1.99	ug/L		97
44) tert-Butyl formate	3.302	59	6342	7.13	ug/L		88
45) Propionitrile	3.394	54	5221	19.22	ug/L	#	14
46) Methacrylonitrile	3.400	41	16572	18.33	ug/L		96
47) Benzene	3.382	78	5580	2.05	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 11:35:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) TAME	3.442	73	3989	1.64	ug/L	#	72
50) 1,2-Dichloroethane	3.491	62	2199	1.99	ug/L		96
51) Isobutyl Alcohol	3.442	43	1260	31.62	ug/L		75
52) Tert Amyl Alcohol	3.546	59	5033	14.74	ug/L		94
53) Trichloroethene	3.711	95	1528	1.93	ug/L		93
54) Methylcyclohexane	3.711	83	1606	1.46	ug/L		93
55) Dibromomethane	3.955	93	1000	1.80	ug/L		91
56) 1,2-Dichloropropane	4.016	63	1512	2.03	ug/L		94
57) Bromodichloromethane	4.052	83	2147	2.01	ug/L		95
58) Methyl methacrylate	4.137	41	1750	1.52	ug/L		98
60) 2-Chloroethyl vinyl ether	4.394	63	5923	8.67	ug/L		92
61) cis-1,3-Dichloropropene	4.436	75	2178	1.72	ug/L		97
64) Toluene	4.589	91	5731	1.95	ug/L		94
65) 2-Nitropropane	4.729	41	3261	6.11	ug/L		97
66) 4-Methyl-2-pentanone	4.820	43	13461	8.02	ug/L		96
67) trans-1,3-Dichloropropene	4.845	75	2160	1.71	ug/L		99
68) Tetrachloroethene	4.839	166	1202	1.70	ug/L		91
69) Ethyl methacrylate	4.948	69	1841	1.50	ug/L	#	84
70) 1,1,2-Trichloroethane	4.954	83	1166	1.93	ug/L		91
71) Dibromochloromethane	5.070	129	1495	1.69	ug/L		94
72) 1,3-Dichloropropane	5.131	76	2356	1.95	ug/L		94
73) 1,2-Dibromoethane	5.235	107	1505	1.80	ug/L		97
74) 3,3-Dimethyl-1-Butanol	5.357	57	25481	73.34	ug/L		97
75) 2-hexanone	5.375	43	15624	7.72	ug/L		89
76) 1-Chlorohexane	5.576	91	1736m	1.60	ug/L		
77) Ethylbenzene	5.613	91	6136m	1.80	ug/L		
78) Chlorobenzene	5.594	112	3790	1.99	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.637	131	1224	1.67	ug/L		94
80) m,p-Xylene	5.716	91	8787	3.42	ug/L		98
81) o-Xylene	6.021	91	4298	1.65	ug/L		98
82) Styrene	6.064	104	3188	1.61	ug/L		96
83) Bromoform	6.076	173	996	1.45	ug/L		93
84) Isopropylbenzene	6.253	105	4566	1.48	ug/L		97
88) n-Propylbenzene	6.564	91	5579	1.61	ug/L		98
89) Bromobenzene	6.539	156	1382	1.79	ug/L		88
90) 1,1,2,2-Tetrachloroethane	6.613	83	2319	2.07	ug/L		96
91) 1,3,5-Trimethylbenzene	6.716	105	3501	1.43	ug/L		90
92) 2-Chlorotoluene	6.680	91	3274	1.67	ug/L		90
93) trans-1,4-Dichloro-2-B...	6.753	53	685	1.67	ug/L		89
94) 1,2,3-Trichloropropane	6.716	110	670m	1.79	ug/L		
96) 4-Chlorotoluene	6.808	91	3742	1.68	ug/L		92
97) tert-Butylbenzene	6.966	91	1929	1.41	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	3616	1.42	ug/L		99
99) Pentachloroethane	6.978	167	726	1.57	ug/L	#	1
100) sec-Butylbenzene	7.106	105	3771	1.35	ug/L		98
101) 4-Isopropyltoluene	7.216	119	3124	1.31	ug/L		97
102) 1,3-Dichlorobenzene	7.265	146	2394	1.72	ug/L		89
103) 1,2,3-Trimethylbenzene	7.356	105	3947	1.55	ug/L		95
104) 1,4-Dichlorobenzene	7.332	146	2700m	1.90	ug/L		
105) n-Butylbenzene	7.539	92	1724	1.31	ug/L		87
106) Benzyl Chloride	7.521	126	647m	1.26	ug/L		
107) 1,2-Dichlorobenzene	7.649	146	2300	1.73	ug/L		96
109) Hexachlorobutadiene	8.673	225	386	1.35	ug/L	#	70
110) 1,2,4-Trichlorobenzene	8.685	180	1182	1.47	ug/L		90
111) Naphthalene	8.899	128	4761	1.50	ug/L		100
112) 1,2,3-Trichlorobenzene	9.021	180	1079	1.42	ug/L		88

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 11:35:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

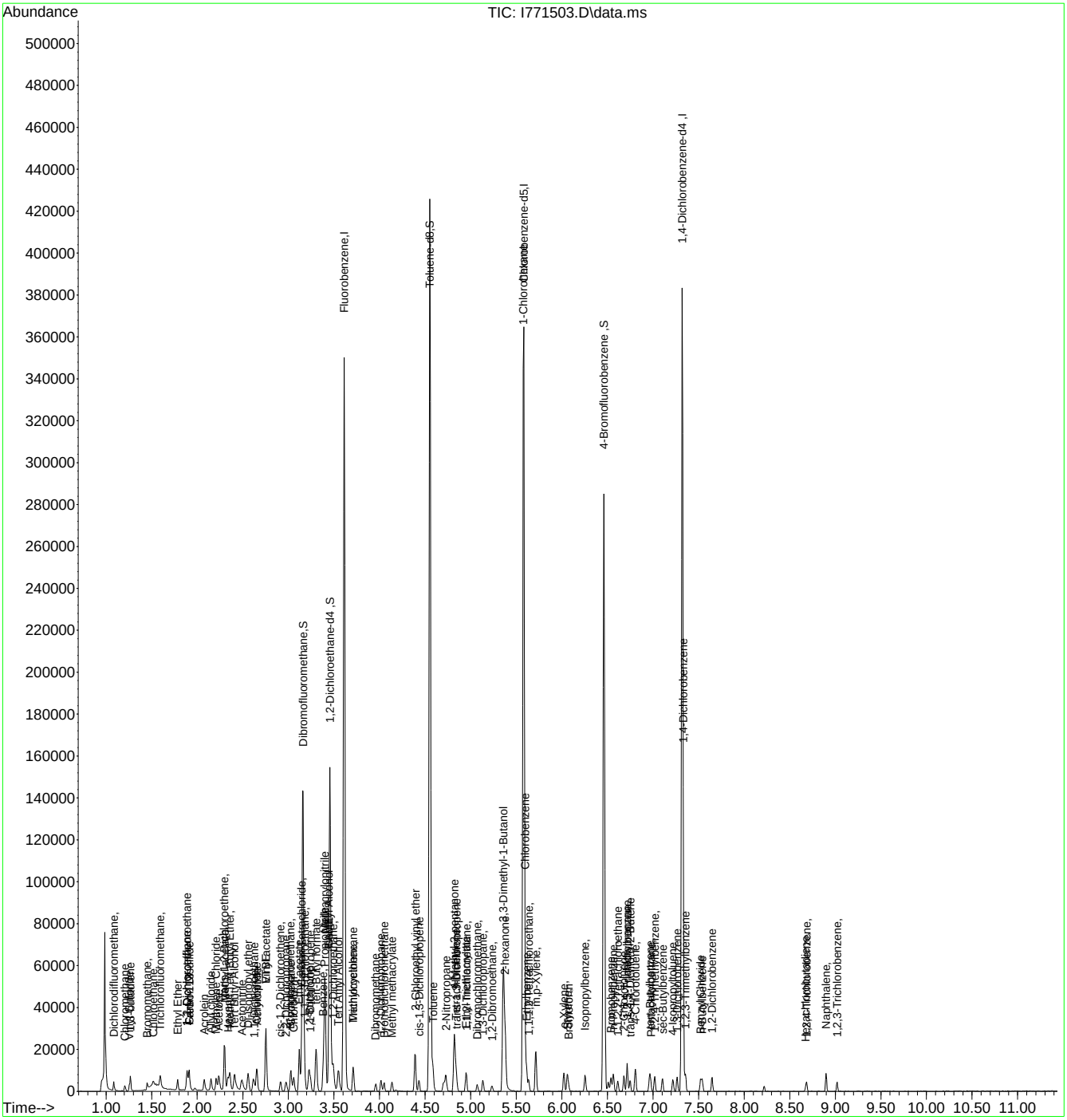
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 11:35:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

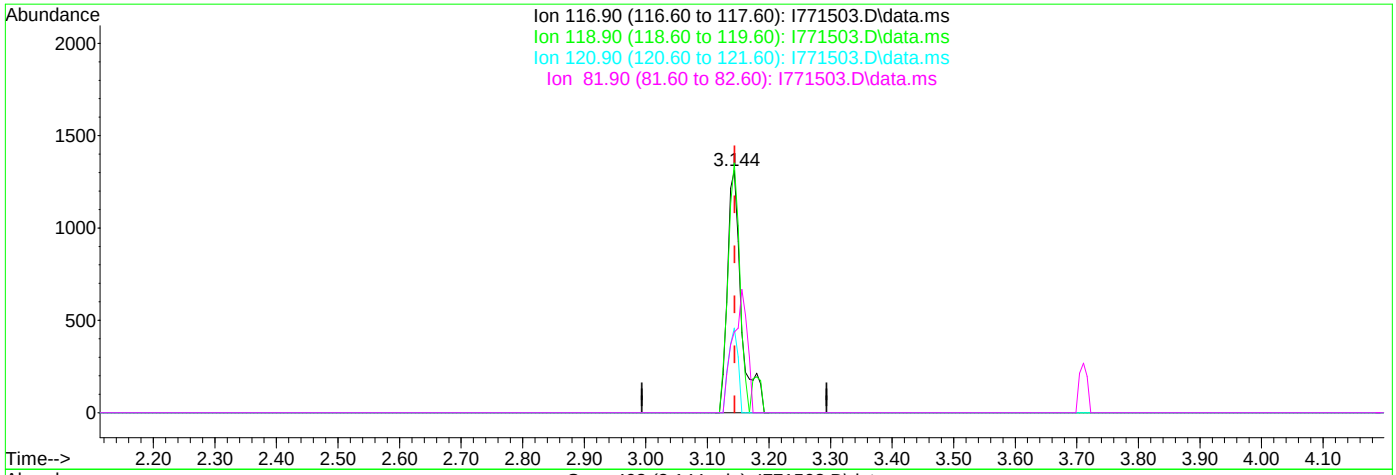
Sample Number: VI3572-IC3572
Lab FileID: I771503.D
Injection Time: 05/18/25 08:35
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

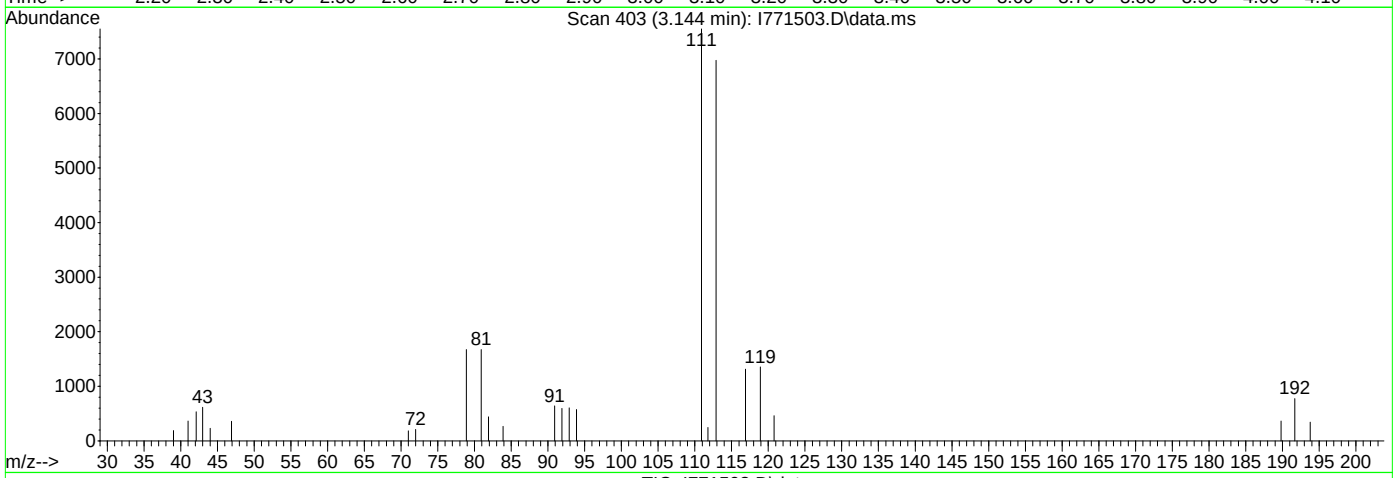
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Missed peak
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Overlapping peak
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,2,3-Trichloropropane	96-18-4		6.72	Missed peak
1,4-Dichlorobenzene	106-46-7		7.33	Poorly defined baseline
Benzyl Chloride	100-44-7		7.52	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 2.00ug/L

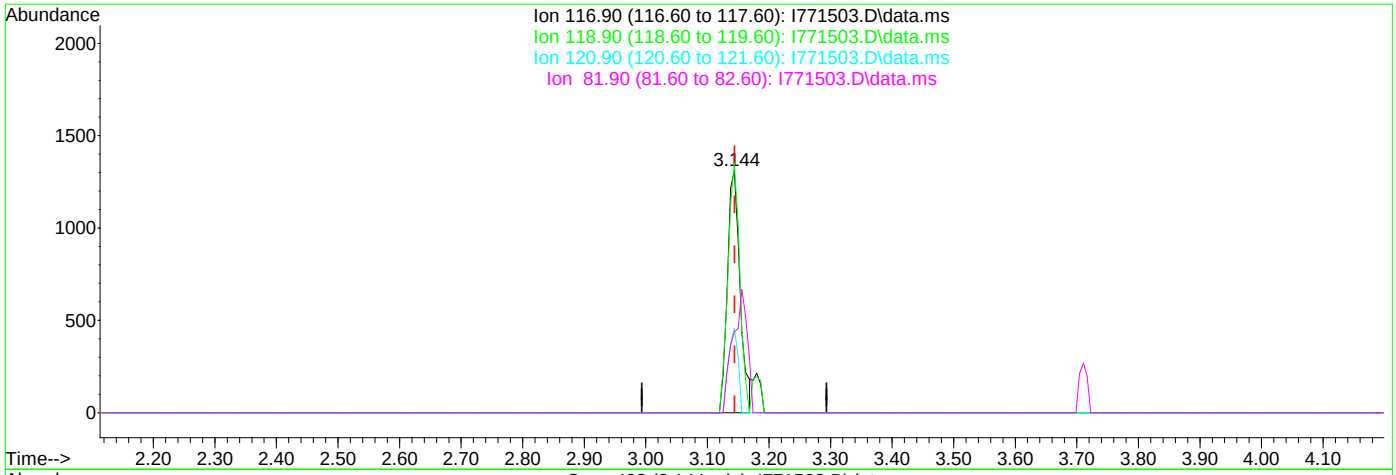
response 2062

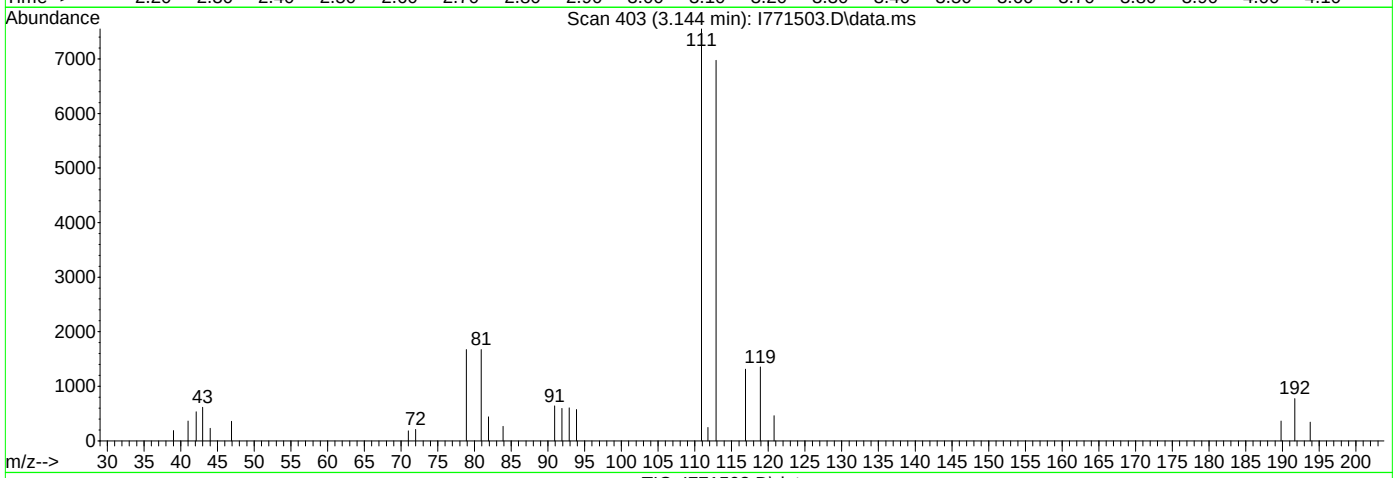
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	103.13
120.90	29.40	34.94
81.90	25.70	33.33

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 1.81ug/L m

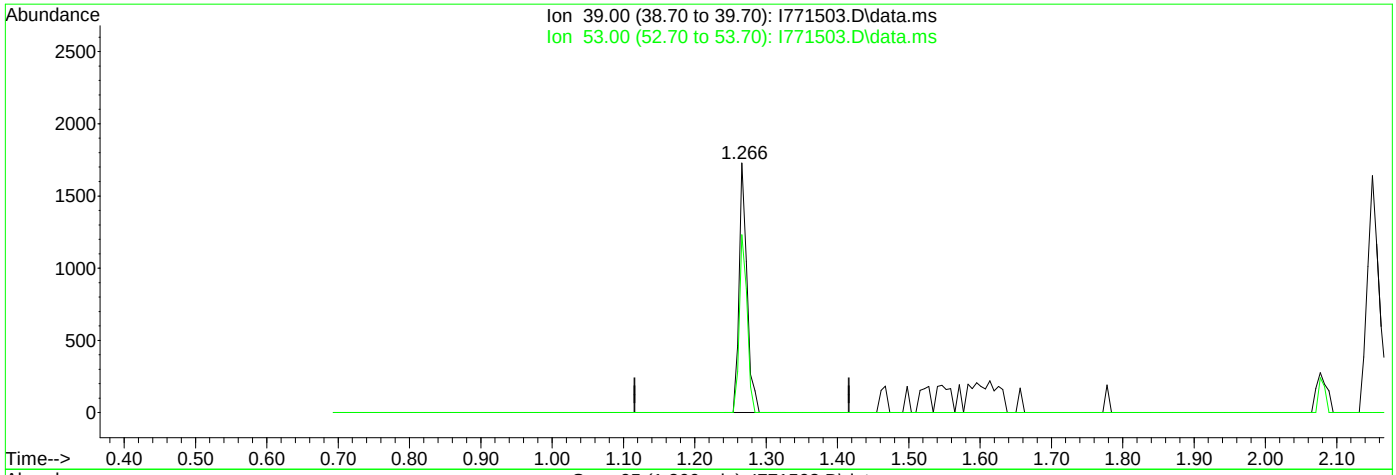
response 1863

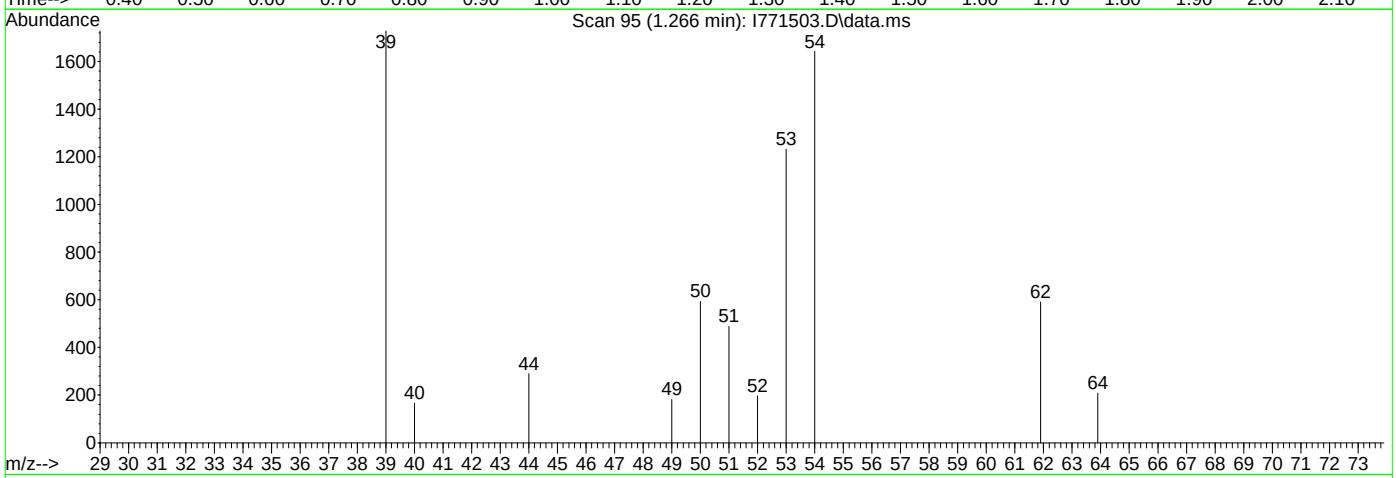
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	103.13
120.90	29.40	34.94
81.90	25.70	33.33

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(4) 1,3-butadiene

1.266min (+0.000) 1.67ug/L m

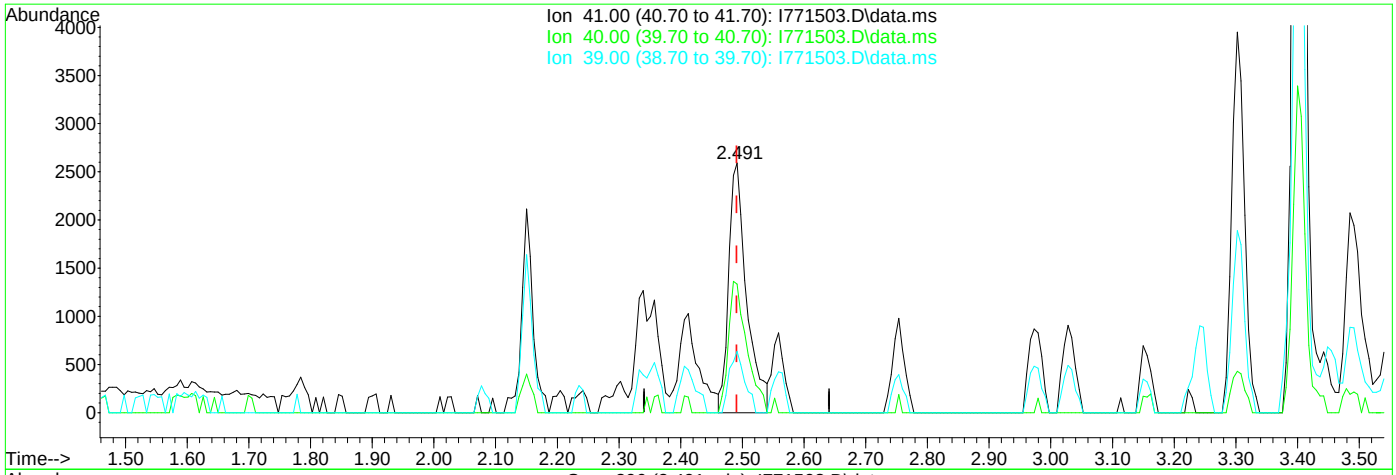
response 1337

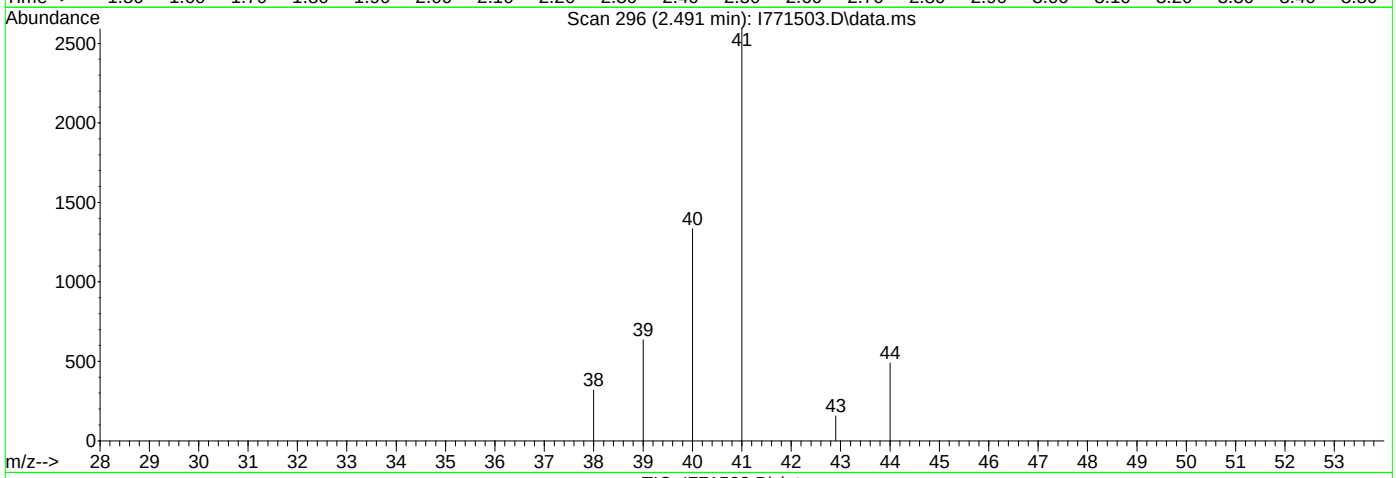
Ion	Exp%	Act%
39.00	100	100
53.00	72.10	71.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 23.29ug/L m

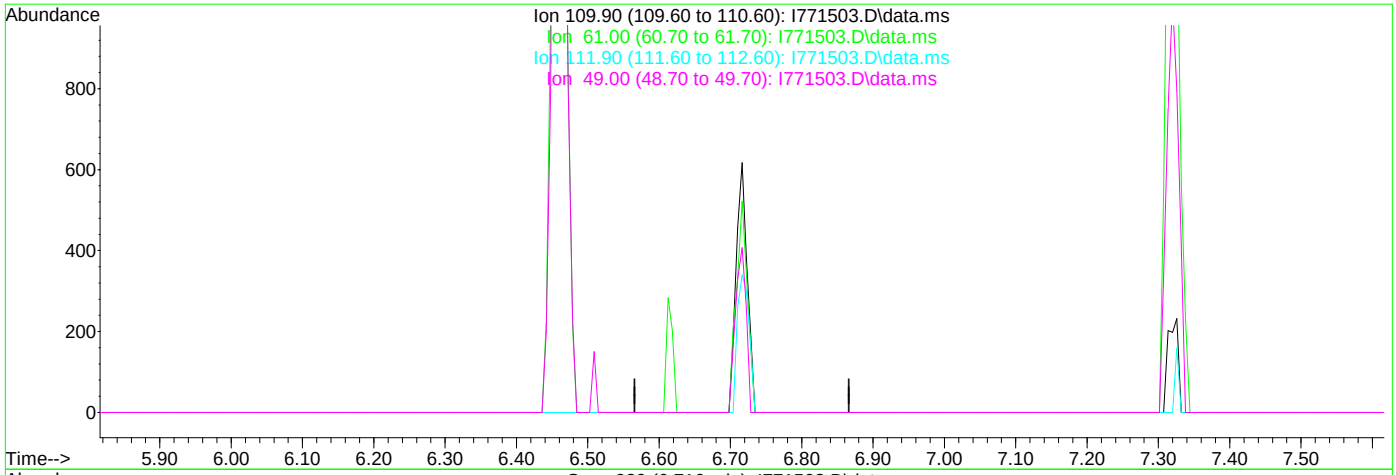
response 5246

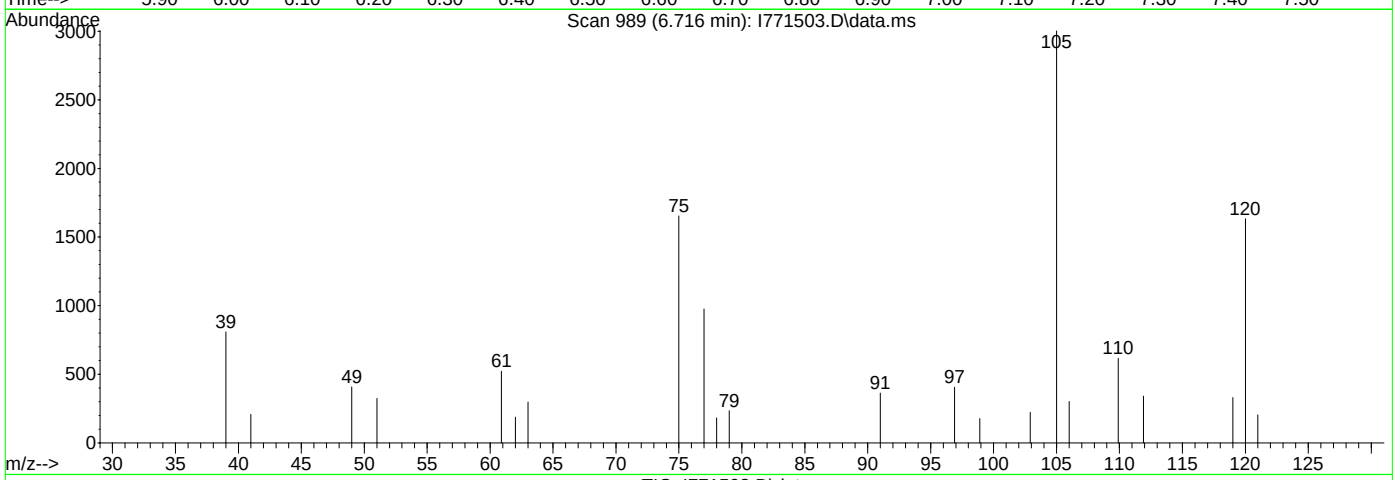
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	51.47
39.00	20.00	24.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.716min (-6.716) 0.00ug/L

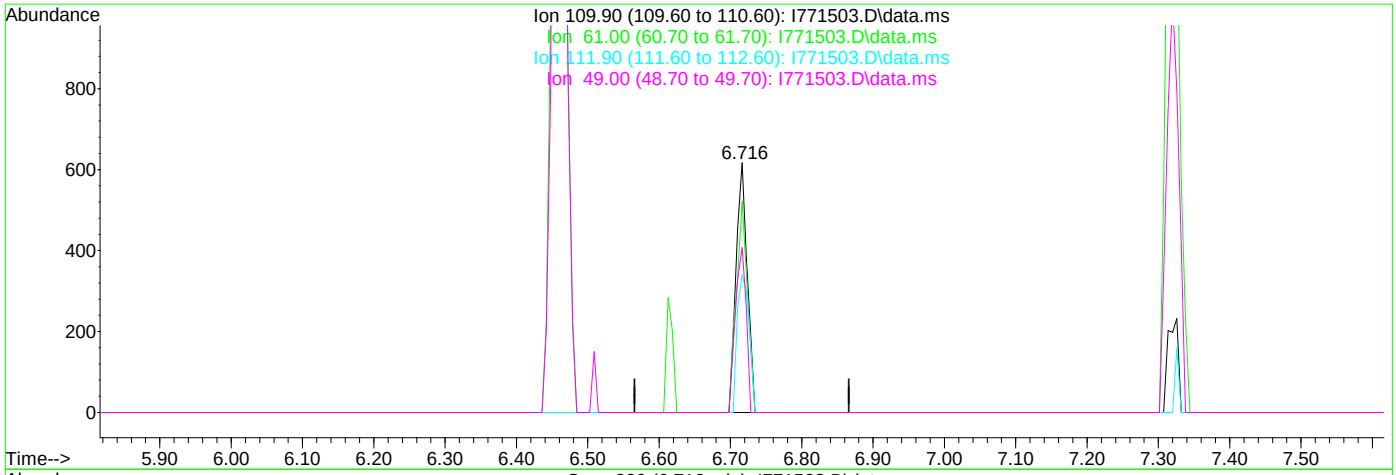
response 0

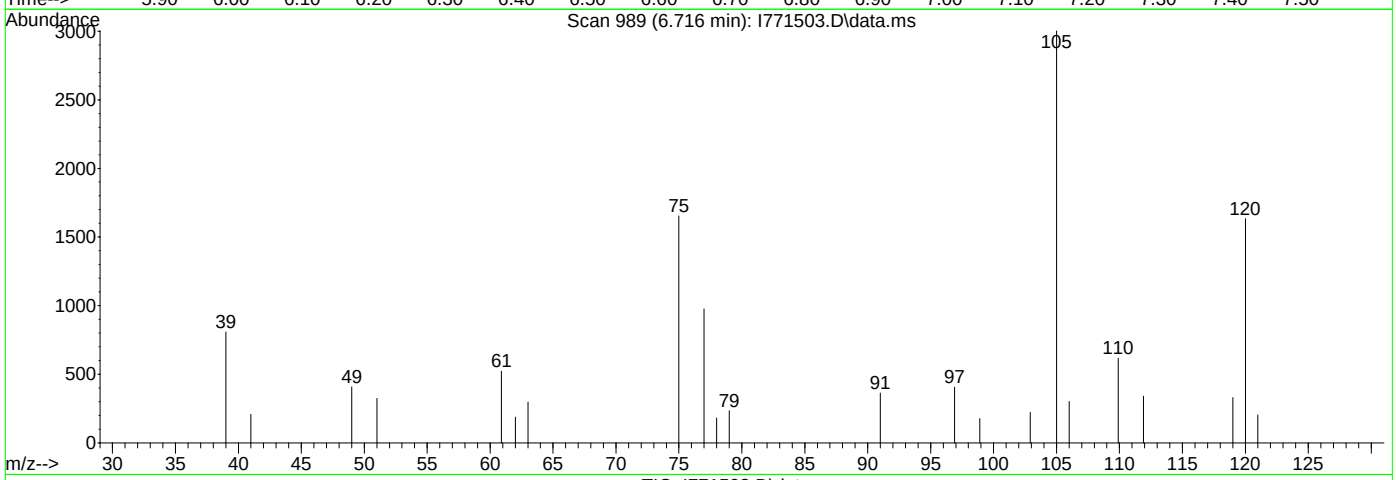
Ion	Exp%	Act%
109.90	100	0.00
61.00	87.40	0.00#
111.90	59.80	0.00#
49.00	69.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.716min (+0.000) 1.79ug/L m

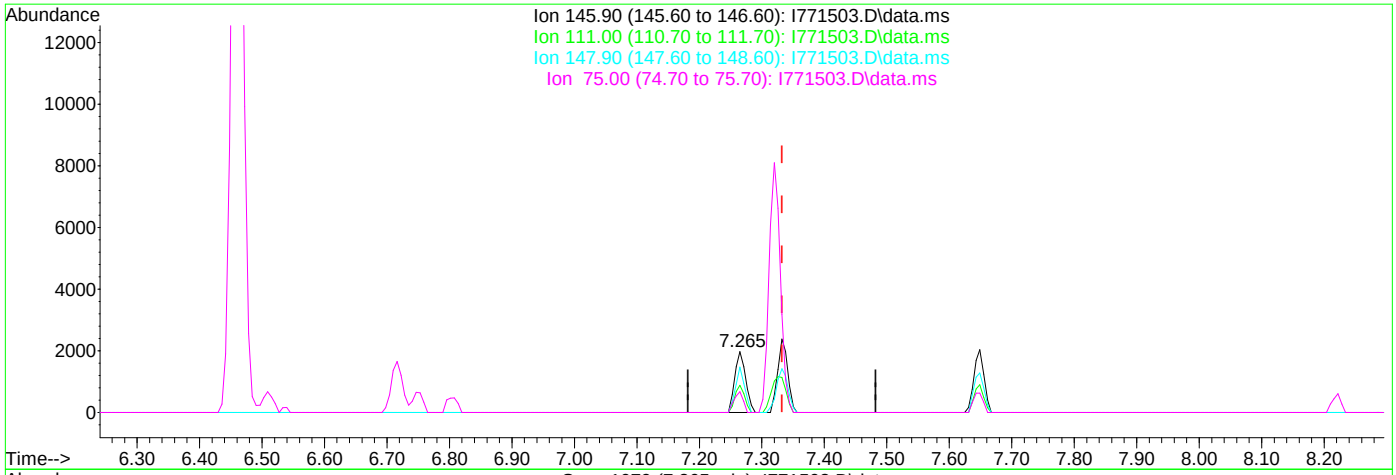
response 670

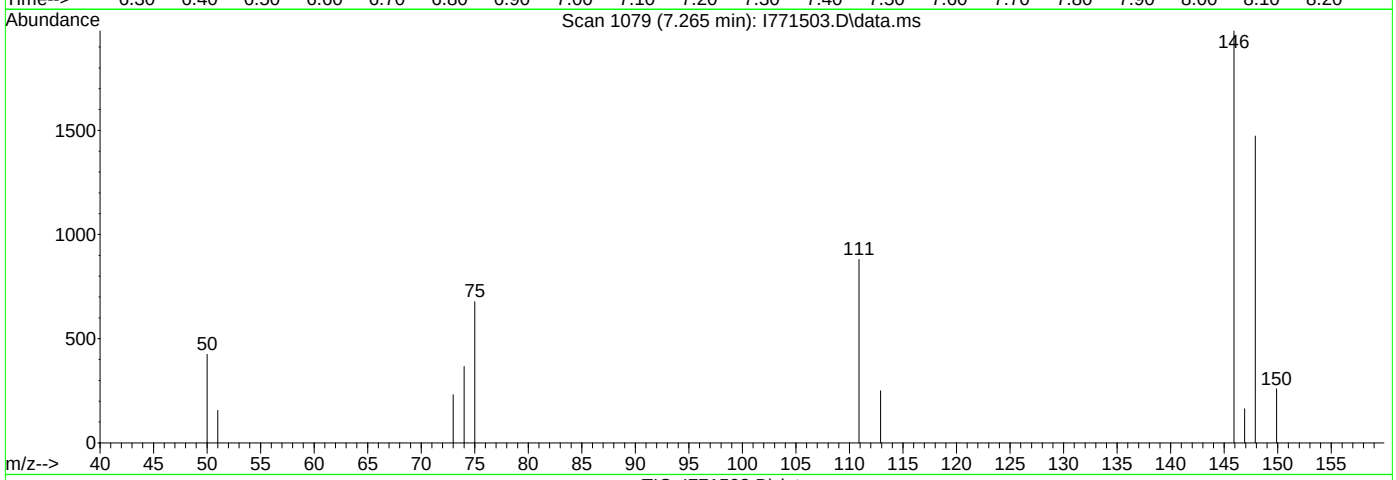
Ion	Exp%	Act%
109.90	100	100
61.00	87.40	84.60
111.90	59.80	55.11
49.00	69.20	65.96

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(104) 1,4-Dichlorobenzene

7.265min (-0.067) 1.69ug/L

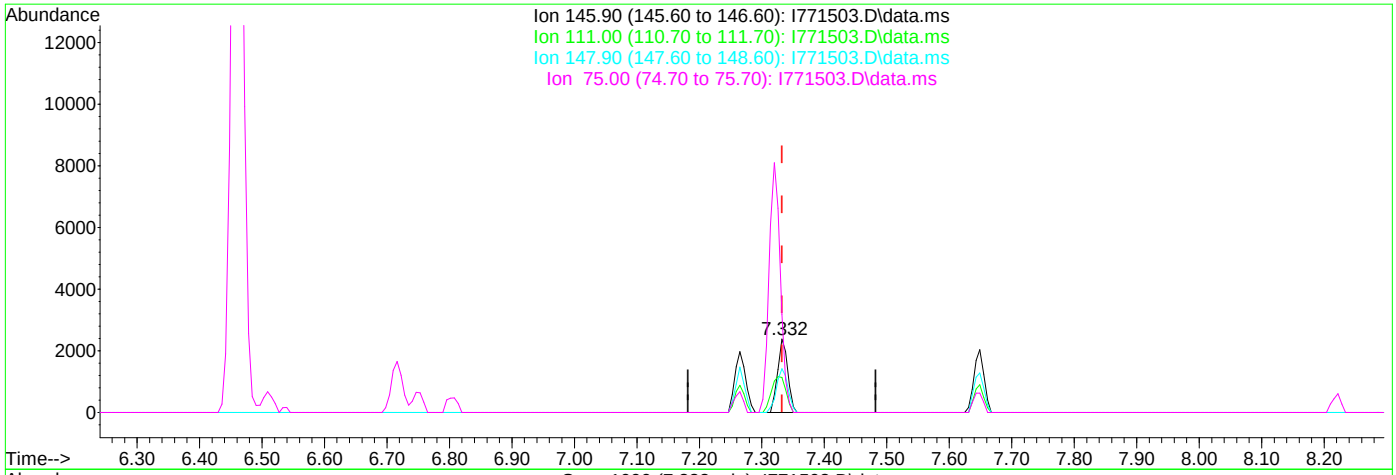
response 2394

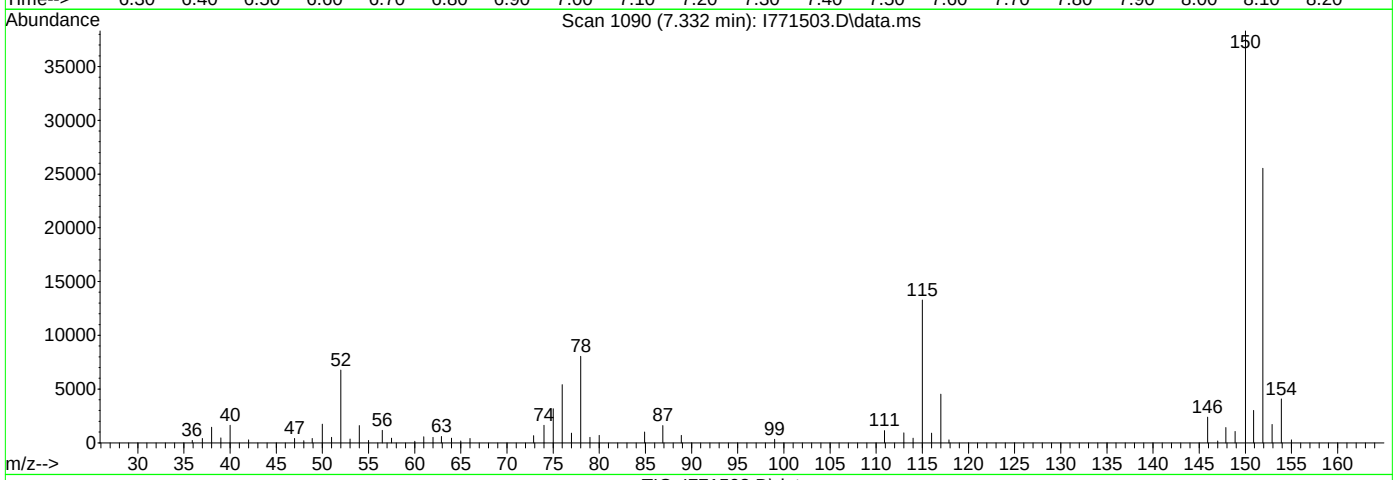
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	44.54
147.90	63.70	74.47
75.00	32.10	34.23

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(104) 1,4-Dichlorobenzene

7.332min (-0.000) 1.90ug/L m

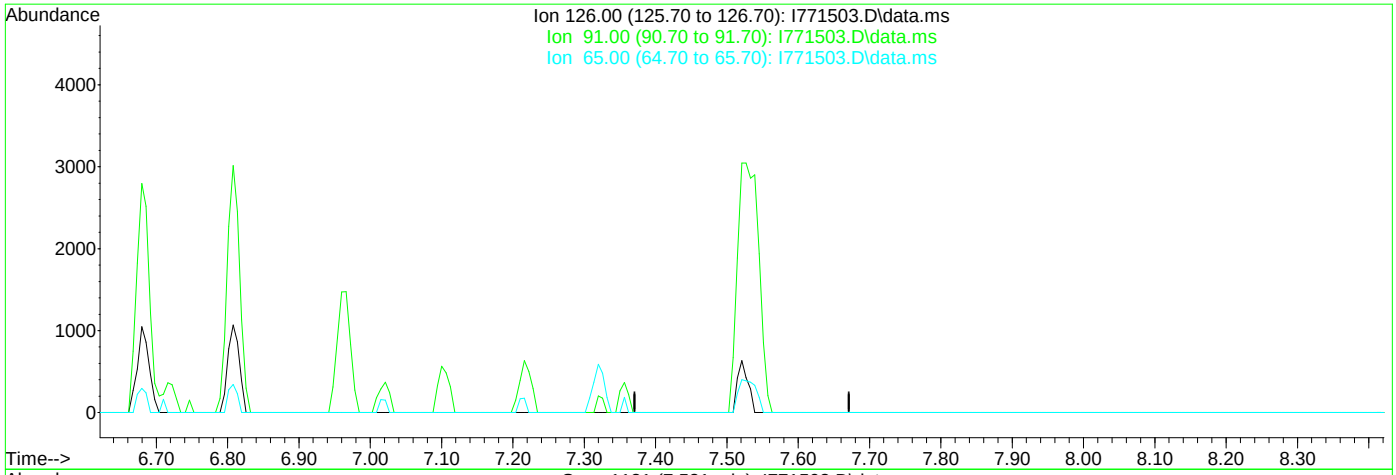
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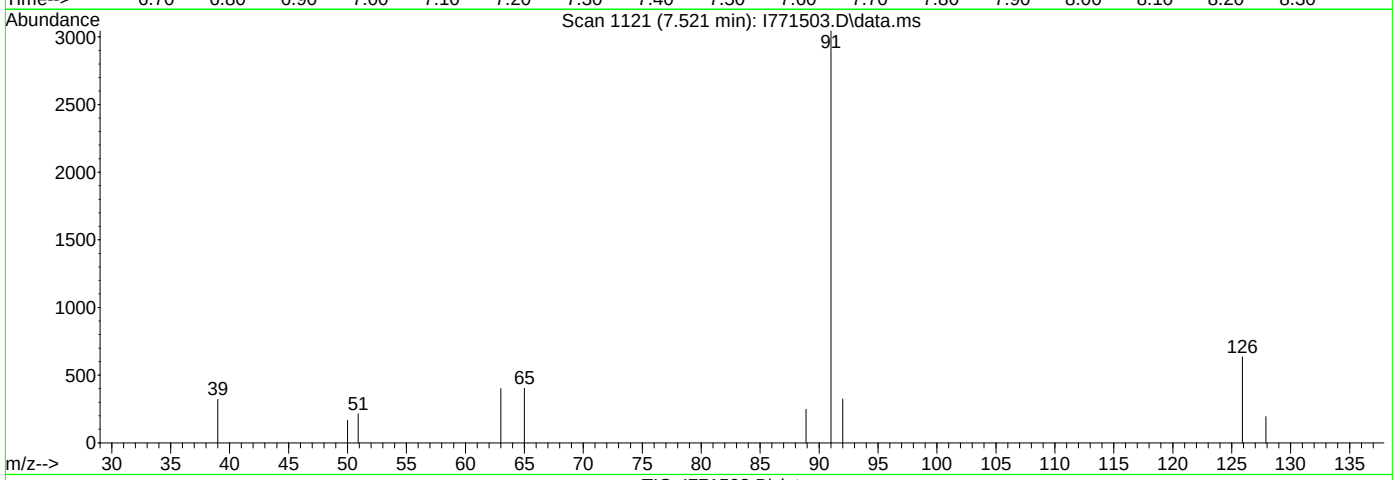
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	47.94
147.90	63.70	59.61
75.00	32.10	133.50#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(106) Benzyl Chloride

7.521min (-7.521) 0.00ug/L

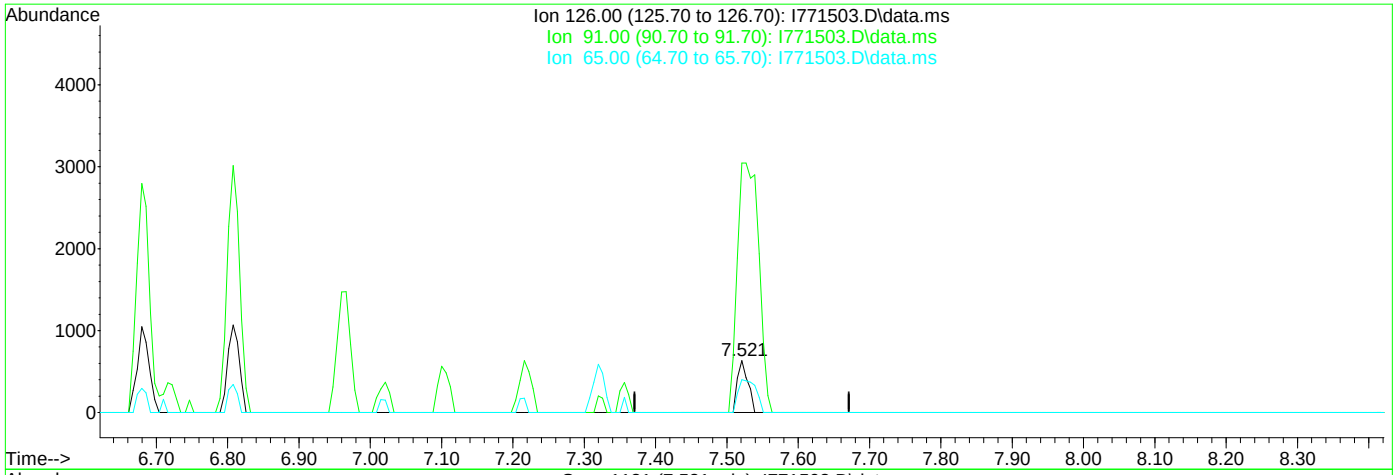
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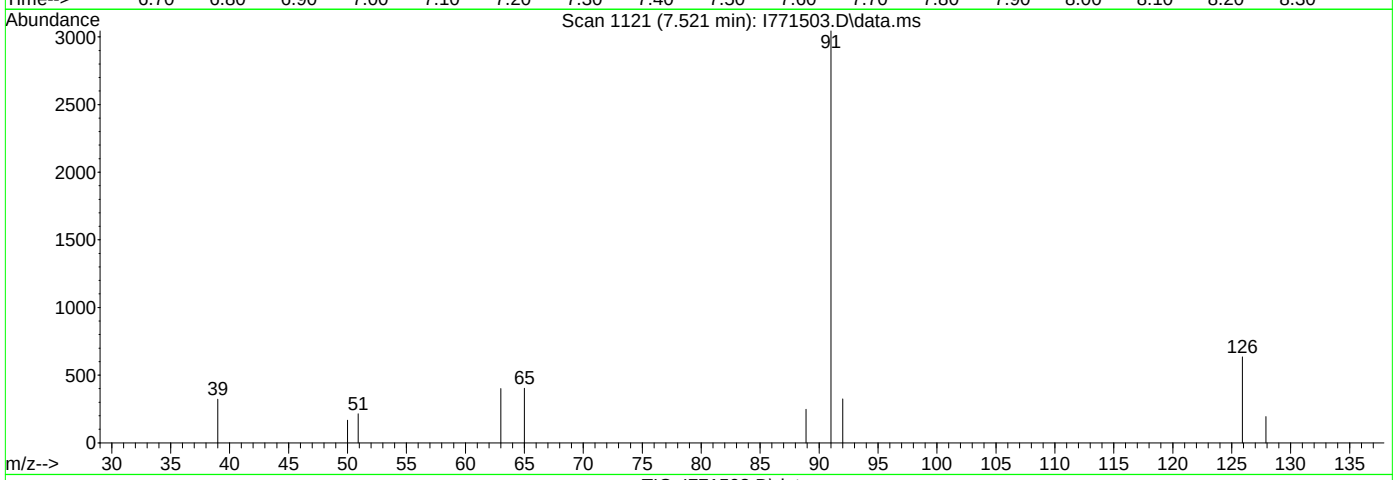
Ion	Exp%	Act%
126.00	100	0.00
91.00	523.60	0.00#
65.00	69.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(106) Benzyl Chloride

7.521min (-0.000) 1.26ug/L m

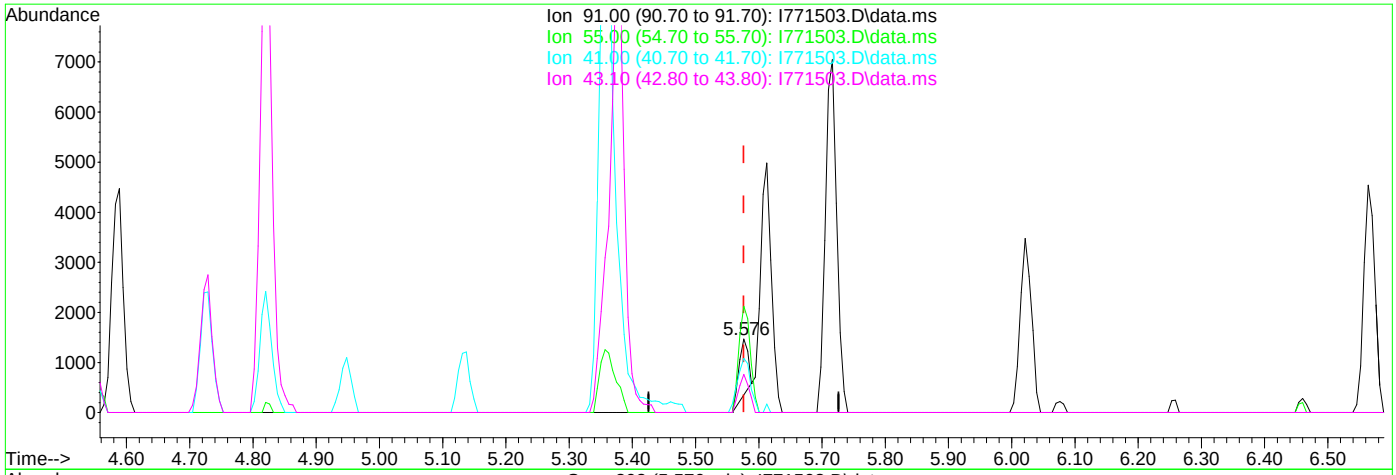
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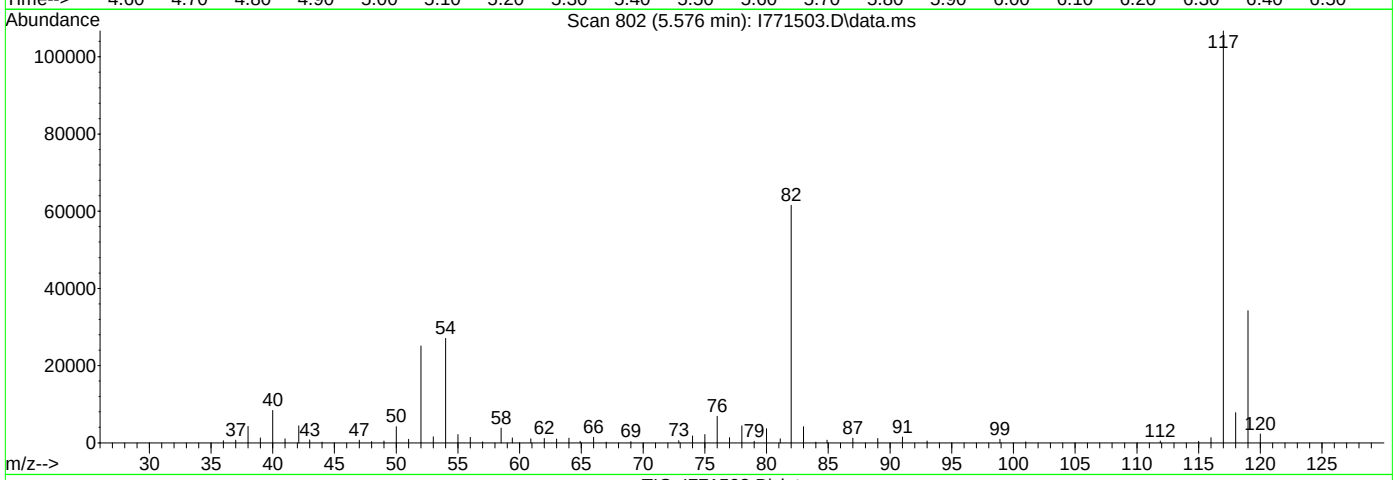
Ion	Exp%	Act%
126.00	100	100
91.00	523.60	480.28#
65.00	69.60	63.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 1.11ug/L

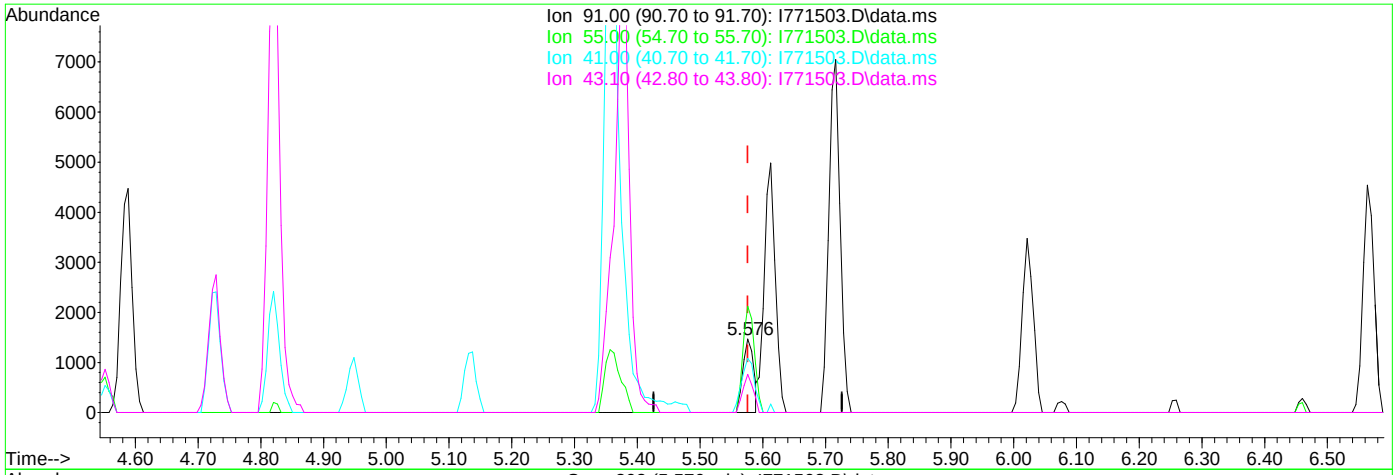
response 1205

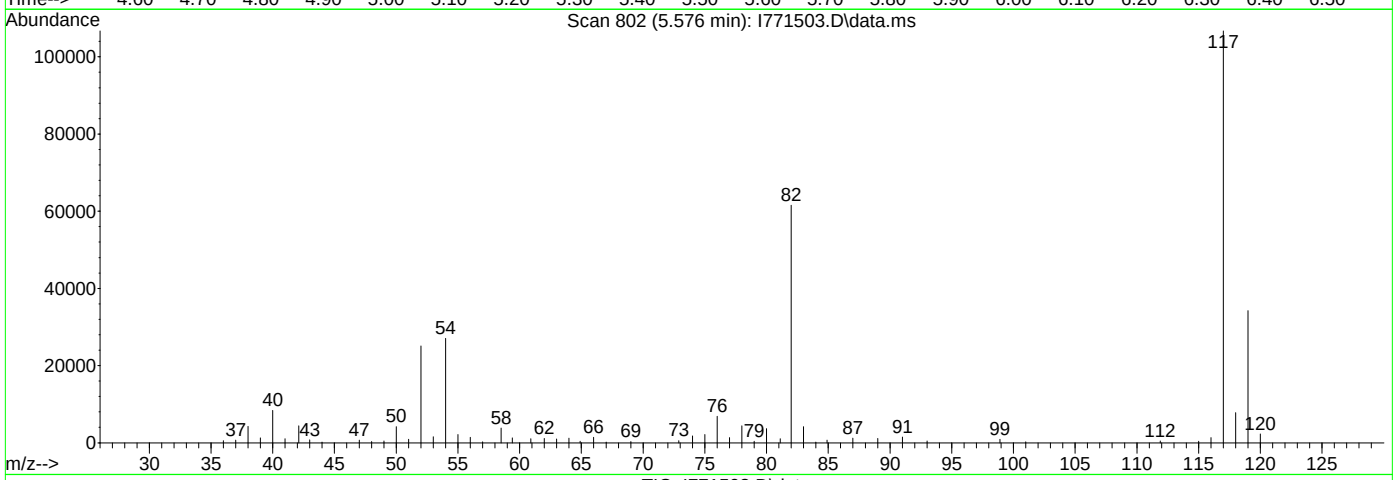
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	144.65#
41.00	64.20	62.10
43.10	52.80	52.15

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 1.60ug/L m

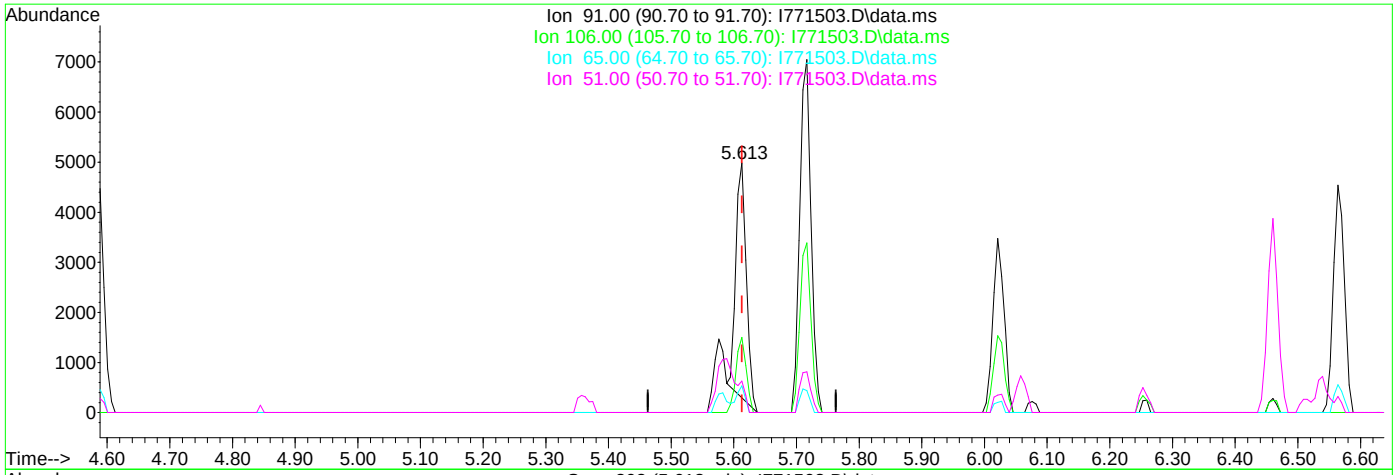
response 1736

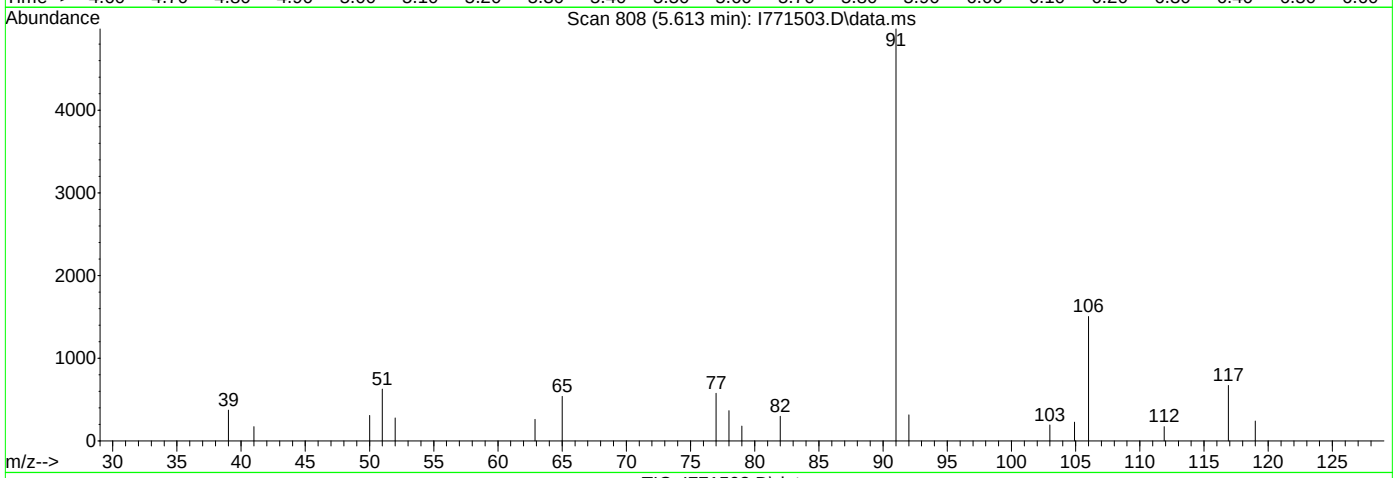
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	144.65#
41.00	64.20	73.82
43.10	52.80	52.15

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 1.55ug/L

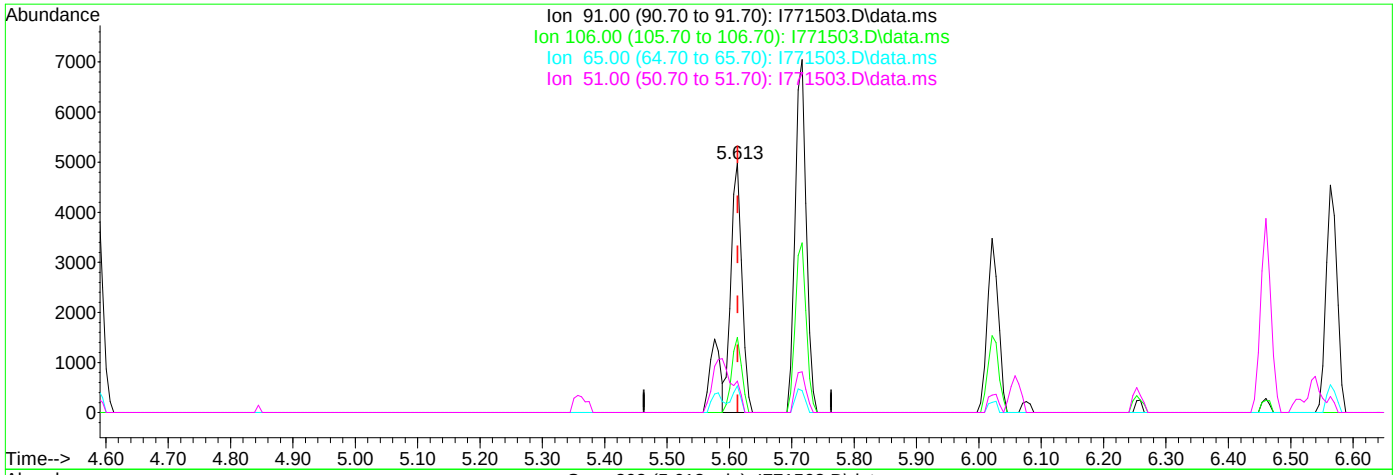
response 5286

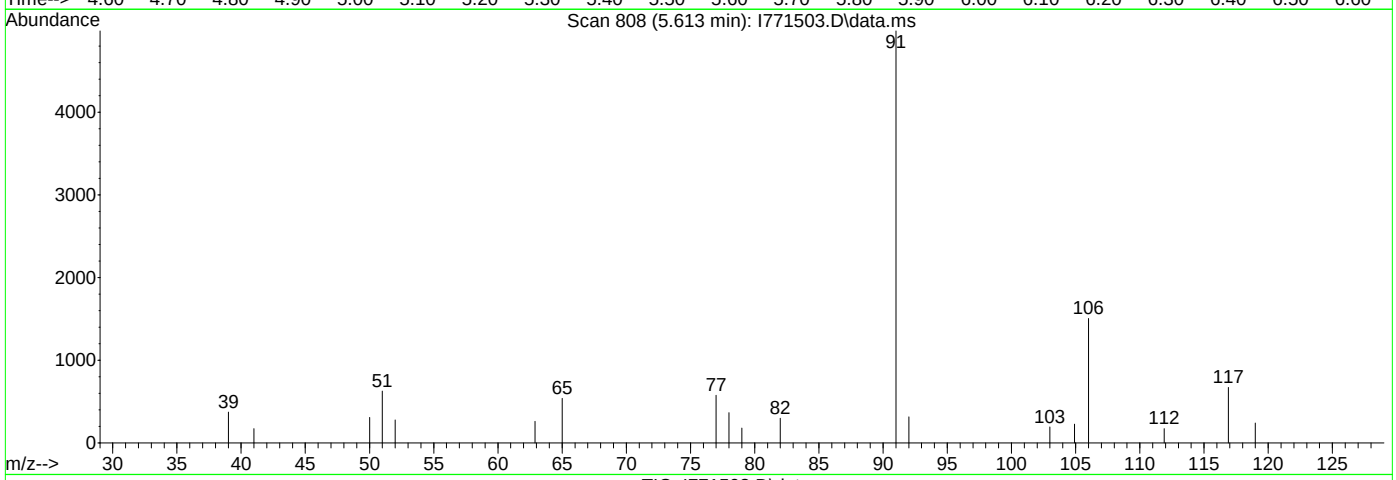
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.15
65.00	9.50	10.75
51.00	11.40	12.56

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771503.D
Acq On : 18 May 2025 8:35 am
Operator : jeniferw
Sample : IC3572-8 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 18 10:48:16 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771503.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 1.80ug/L m

response 6136

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.15
65.00	9.50	10.75
51.00	11.40	12.56

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 11:36:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	201937	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	147687	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	71691	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	58250	49.96	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.92%				
49) 1,2-Dichloroethane-d4	3.461	65	70358	49.88	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 99.76%				
63) Toluene-d8	4.552	98	190782	49.75	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 99.50%				
86) 4-Bromofluorobenzene	6.466	174	55341	49.01	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	4838	4.66	ug/L		96
3) Chloromethane	1.211	50	4468	4.78	ug/L		95
4) 1,3-butadiene	1.272	39	3842	4.83	ug/L		96
5) Vinyl Chloride	1.260	62	4277	4.69	ug/L		98
6) Bromomethane	1.455	94	2587	5.36	ug/L		95
7) Chloroethane	1.522	64	2011	6.00	ug/L		98
8) Trichlorofluoromethane	1.601	101	6276	5.46	ug/L		96
9) Ethyl Ether	1.790	59	3777	5.00	ug/L		98
10) Ethanol	1.876	45	2945m	92.20	ug/L		
11) 1,2-Dichlorotrifluoroe...	1.888	67	4478	5.16	ug/L		97
12) 1,1-Dichloroethene	1.894	61	5818	5.46	ug/L		95
13) Freon 113	1.918	101	3509	5.49	ug/L		97
14) Carbon Disulfide	1.918	76	11295	5.05	ug/L		98
15) Iodomethane	1.979	142	2188	3.15	ug/L		94
16) Acrolein	2.083	56	7887	28.05	ug/L		94
17) Allyl chloride	2.156	41	6147	4.54	ug/L		97
18) Methylene Chloride	2.211	49	5704	5.27	ug/L		96
19) Acetone	2.242	43	15833	26.04	ug/L		98
20) Methyl acetate	2.302	43	34217	23.71	ug/L		99
21) trans-1,2-Dichloroethene	2.296	61	5500	5.33	ug/L		97
22) Hexane	2.339	56	3234	5.30	ug/L	#	74
23) Methyl Tert Butyl Ether	2.363	73	12004	4.85	ug/L	#	44
24) Acetonitrile	2.498	41	11066m	49.38	ug/L		
25) Tert Butyl Alcohol	2.412	59	18188	44.69	ug/L		83
26) Di-isopropyl ether	2.565	45	12543	4.61	ug/L		98
27) Chloroprene	2.656	53	14961	4.92	ug/L		83
28) 1,1-Dichloroethane	2.632	63	6928	5.29	ug/L		93
29) Acrylonitrile	2.656	52	12382	26.23	ug/L	#	70
30) ETBE	2.760	59	12404	4.82	ug/L		93
31) Vinyl acetate	2.760	43	58423	23.95	ug/L		98
32) cis-1,2-Dichloroethene	2.918	96	3792	5.06	ug/L		95
33) 2,2-Dichloropropane	2.979	77	5577	4.72	ug/L		98
34) Bromochloromethane	3.028	128	1942	5.15	ug/L		92
35) Cyclohexane	3.034	56	5778	4.72	ug/L		97
36) Chloroform	3.065	83	8191	6.12	ug/L		97
37) Ethyl acetate	3.125	43	42241	24.83	ug/L		98
38) Tetrahydrofuran	3.156	42	3308	4.62	ug/L		95
40) Carbon Tetrachloride	3.144	117	4764m	4.64	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	5428	5.06	ug/L		95
42) 2-Butanone	3.229	43	25591	24.90	ug/L		92
43) 1,1-Dichloropropene	3.247	75	4384	5.22	ug/L		91
44) tert-Butyl formate	3.308	59	17497	19.77	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 11:36:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	14041	51.92	ug/L	#	46
46) Methacrylonitrile	3.406	41	43700	48.56	ug/L		98
47) Benzene	3.388	78	14628	5.39	ug/L		84
48) TAME	3.442	73	11189	4.63	ug/L	#	69
50) 1,2-Dichloroethane	3.497	62	5663	5.15	ug/L		98
51) Isobutyl Alcohol	3.442	43	3497	88.14	ug/L		78
52) Tert Amyl Alcohol	3.552	59	13425	39.50	ug/L		94
53) Trichloroethene	3.711	95	3768	4.77	ug/L		96
54) Methylcyclohexane	3.717	83	4853	4.44	ug/L		92
55) Dibromomethane	3.961	93	2741	4.95	ug/L		94
56) 1,2-Dichloropropane	4.022	63	3833	5.16	ug/L		93
57) Bromodichloromethane	4.052	83	5382	5.07	ug/L		97
58) Methyl methacrylate	4.137	41	4692	4.09	ug/L		93
59) 1,4-Dioxane	4.180	88	1703	74.90	ug/L		90
60) 2-Chloroethyl vinyl ether	4.394	63	16691	24.54	ug/L		95
61) cis-1,3-Dichloropropene	4.436	75	6013	4.77	ug/L		94
64) Toluene	4.589	91	14924	5.09	ug/L		95
65) 2-Nitropropane	4.729	41	8728	16.40	ug/L		90
66) 4-Methyl-2-pentanone	4.820	43	38679	23.12	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	6024	4.78	ug/L		98
68) Tetrachloroethene	4.839	166	3524	4.99	ug/L		93
69) Ethyl methacrylate	4.948	69	5173	4.22	ug/L		86
70) 1,1,2-Trichloroethane	4.954	83	3232	5.36	ug/L		91
71) Dibromochloromethane	5.070	129	3919	4.44	ug/L		93
72) 1,3-Dichloropropane	5.137	76	6219	5.16	ug/L		94
73) 1,2-Dibromoethane	5.235	107	4256	5.11	ug/L		92
74) 3,3-Dimethyl-1-Butanol	5.357	57	71362	206.05	ug/L		95
75) 2-hexanone	5.381	43	44641	22.13	ug/L	#	76
76) 1-Chlorohexane	5.576	91	4995m	4.62	ug/L		
77) Ethylbenzene	5.613	91	16281m	4.80	ug/L		
78) Chlorobenzene	5.595	112	9657	5.09	ug/L		98
79) 1,1,1,2-Tetrachloroethane	5.637	131	3442	4.71	ug/L		94
80) m,p-Xylene	5.716	91	24348	9.49	ug/L		98
81) o-Xylene	6.021	91	12206	4.69	ug/L		99
82) Styrene	6.064	104	9202	4.66	ug/L		97
83) Bromoform	6.076	173	2617	3.81	ug/L		90
84) Isopropylbenzene	6.253	105	14111	4.60	ug/L		97
87) cis-1,4-Dichloro-2-butene	6.509	53	2305	4.63	ug/L		88
88) n-Propylbenzene	6.564	91	17450	5.00	ug/L		98
89) Bromobenzene	6.539	156	3945	5.09	ug/L		91
90) 1,1,2,2-Tetrachloroethane	6.613	83	6426	5.70	ug/L		96
91) 1,3,5-Trimethylbenzene	6.716	105	11271	4.57	ug/L		96
92) 2-Chlorotoluene	6.680	91	9994	5.06	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.747	53	1863	4.53	ug/L		90
94) 1,2,3-Trichloropropane	6.716	110	1907	5.07	ug/L		93
95) Cyclohexanone	6.747	55	2305	21.30	ug/L		95
96) 4-Chlorotoluene	6.808	91	11241	5.01	ug/L		94
97) tert-Butylbenzene	6.960	91	6189	4.49	ug/L		96
98) 1,2,4-Trimethylbenzene	7.021	105	11383	4.45	ug/L		96
99) Pentachloroethane	6.978	167	2143	4.61	ug/L	#	1
100) sec-Butylbenzene	7.106	105	13173	4.69	ug/L		98
101) 4-Isopropyltoluene	7.222	119	10641	4.45	ug/L		97
102) 1,3-Dichlorobenzene	7.265	146	7032	5.04	ug/L		99
103) 1,2,3-Trimethylbenzene	7.356	105	12160	4.77	ug/L		97
104) 1,4-Dichlorobenzene	7.332	146	7342m	5.16	ug/L		
105) n-Butylbenzene	7.539	92	5877	4.45	ug/L		90
106) Benzyl Chloride	7.527	126	1943	3.78	ug/L	#	90
107) 1,2-Dichlorobenzene	7.649	146	6692	5.00	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 11:36:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

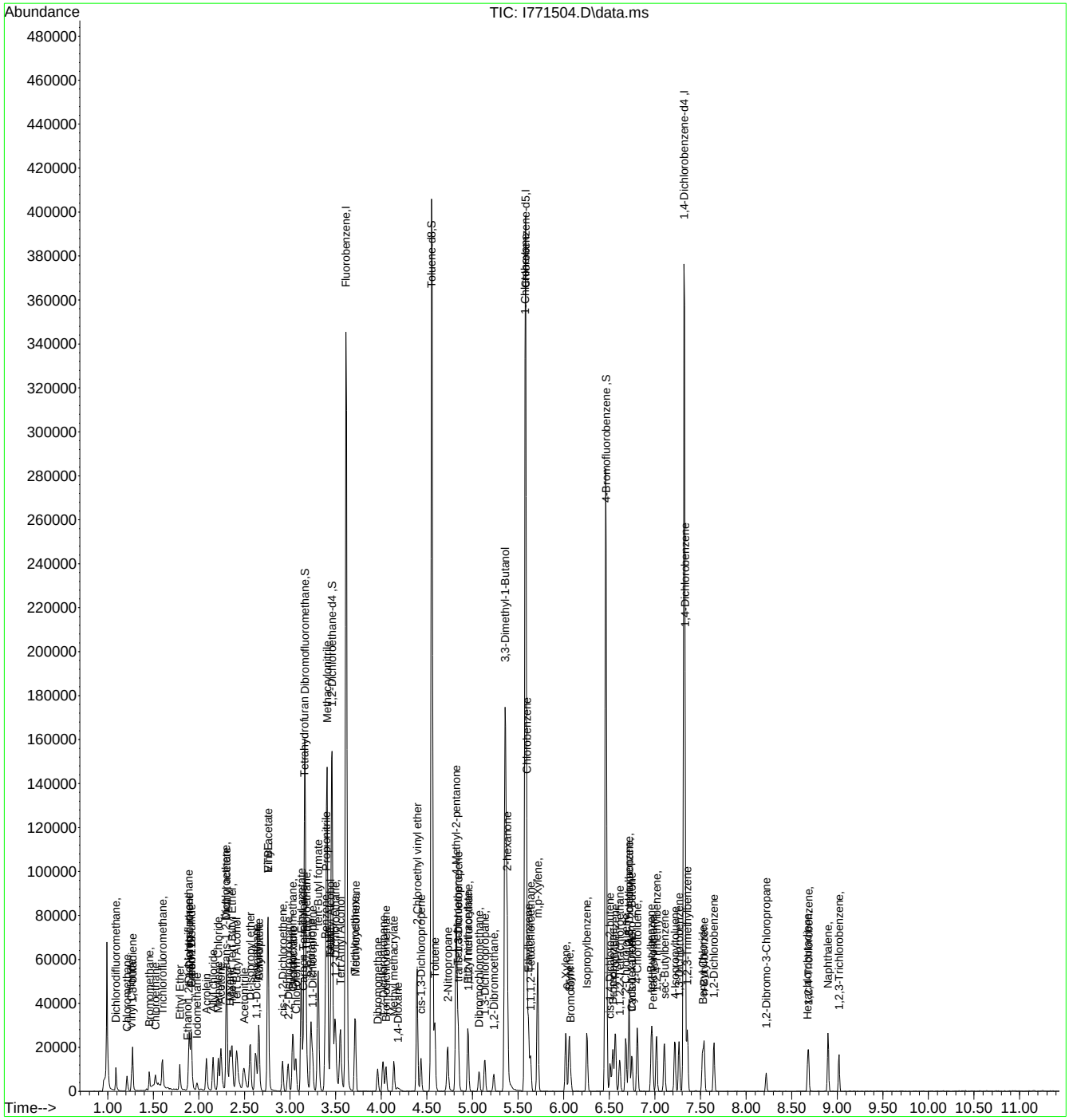
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	1566	4.25	ug/L #	76
109) Hexachlorobutadiene	8.673	225	1279	4.45	ug/L	88
110) 1,2,4-Trichlorobenzene	8.685	180	3527	4.35	ug/L	91
111) Naphthalene	8.899	128	13306	4.18	ug/L	98
112) 1,2,3-Trichlorobenzene	9.021	180	3411	4.48	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 11:36:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

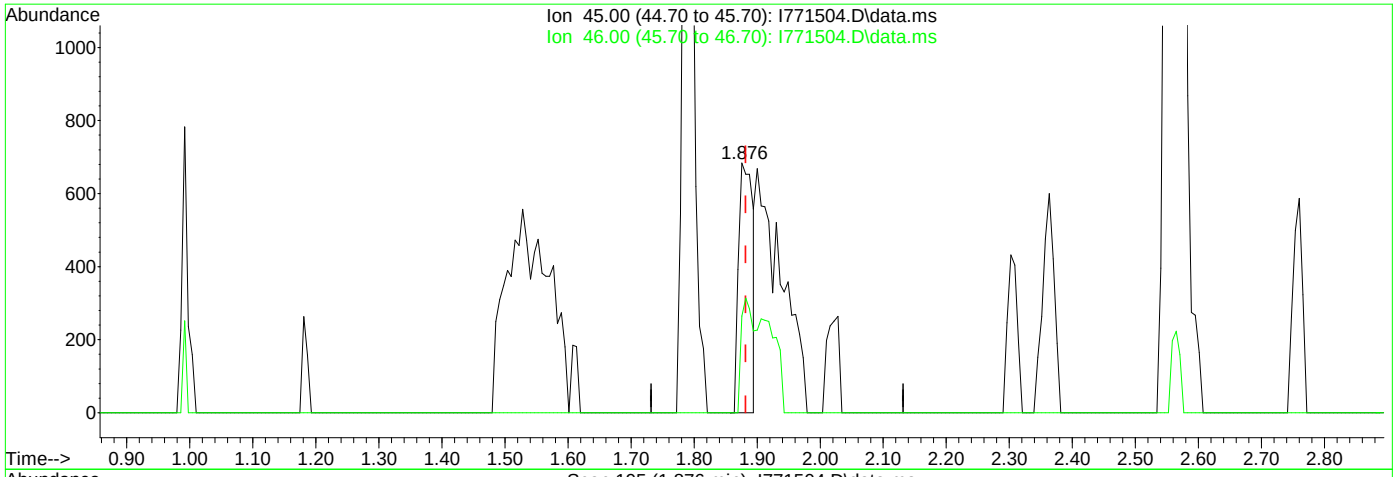
Sample Number: VI3572-IC3572
Lab FileID: I771504.D
Injection Time: 05/18/25 08:51
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.88	Poorly defined baseline
Acetonitrile	75-05-8		2.50	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



TIC: I771504.D\data.ms

(10) Ethanol

1.876min (-0.006) 33.45ug/L

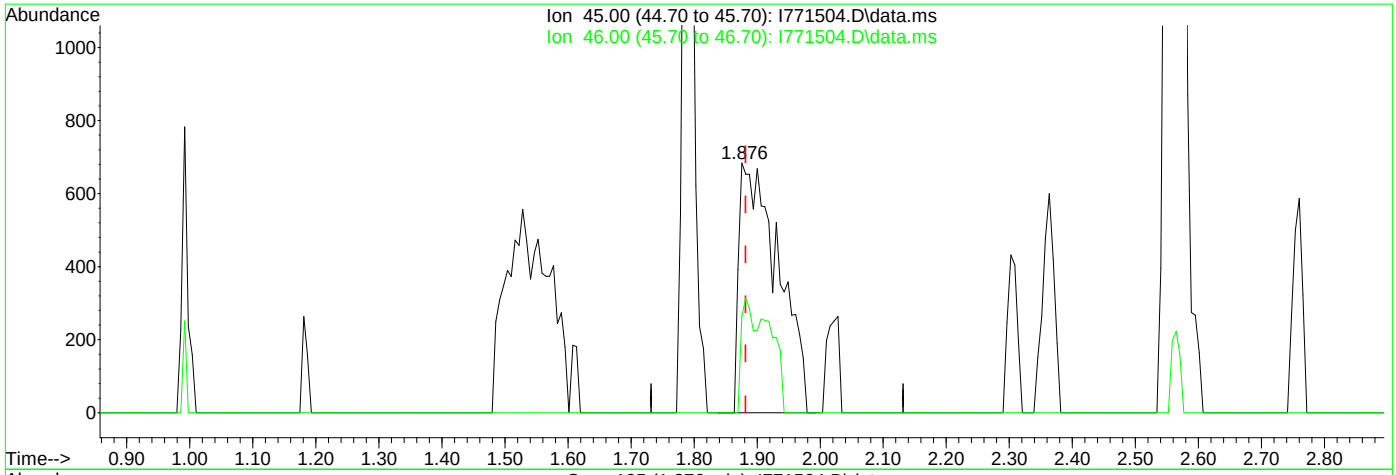
response 1076

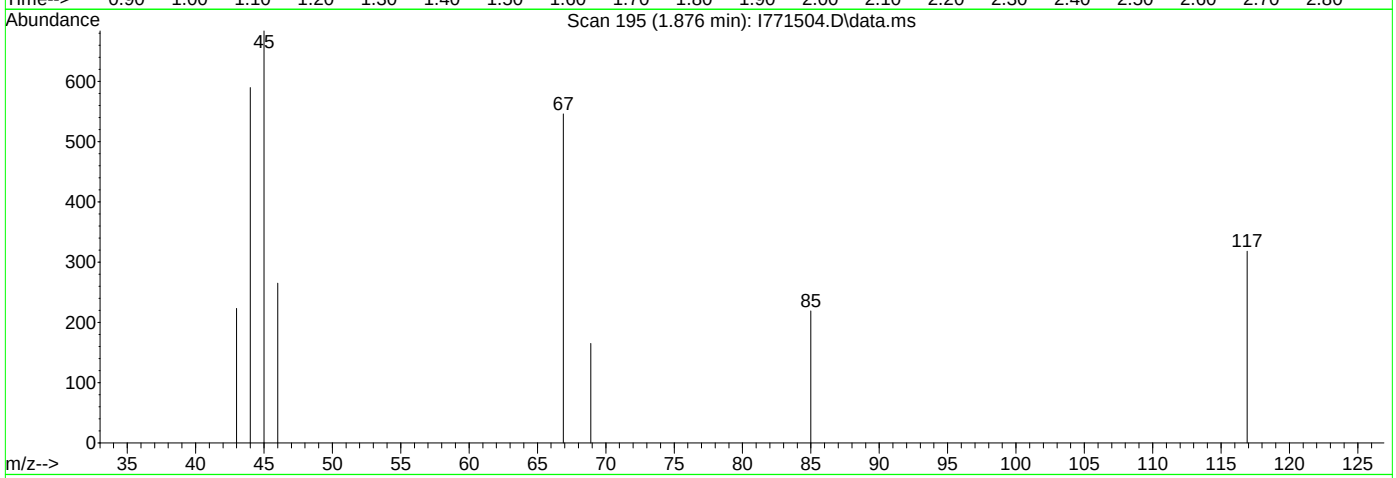
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	38.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
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Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(10) Ethanol

1.876min (-0.006) 92.20ug/L m

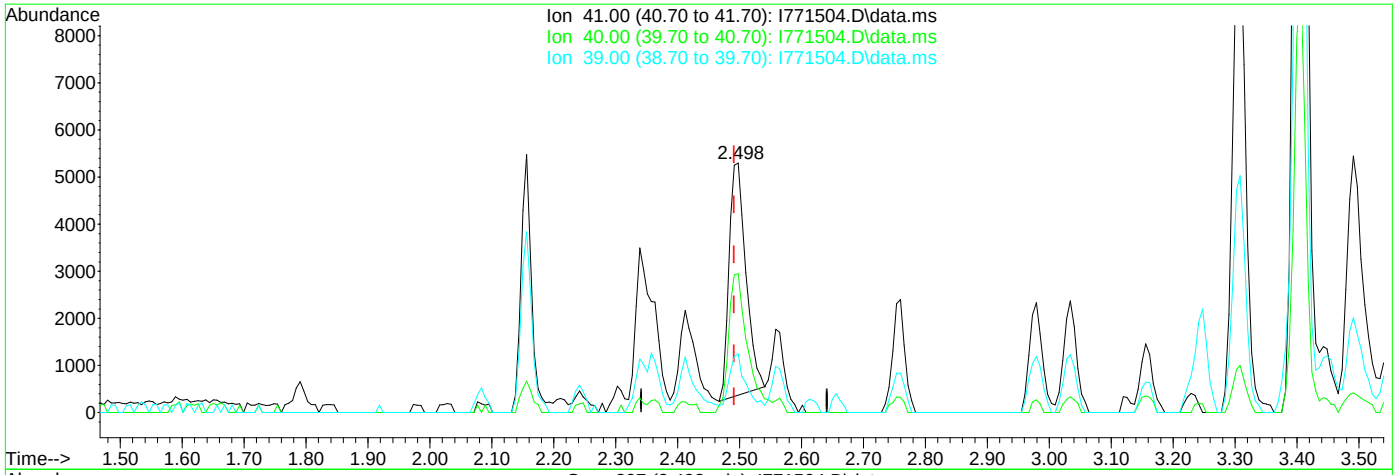
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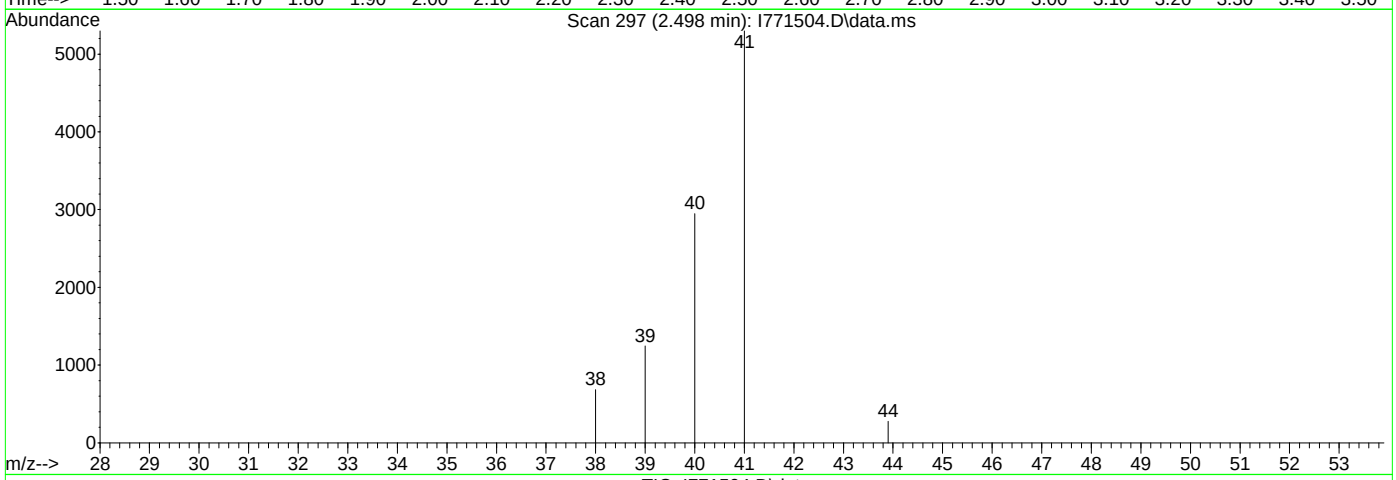
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	38.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(24) Acetonitrile

2.498min (+0.007) 41.63ug/L

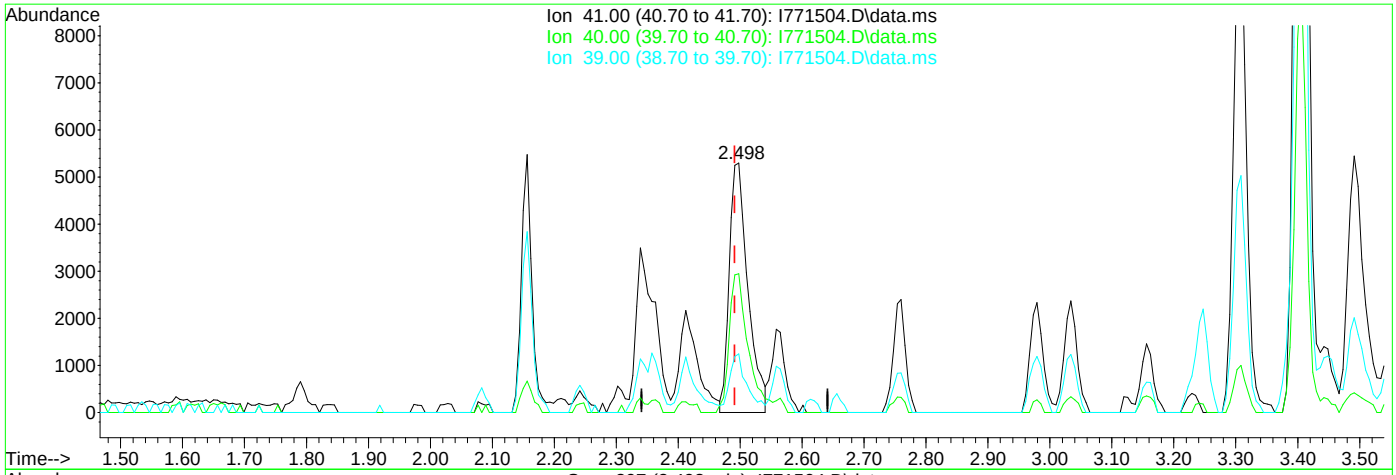
response 9330

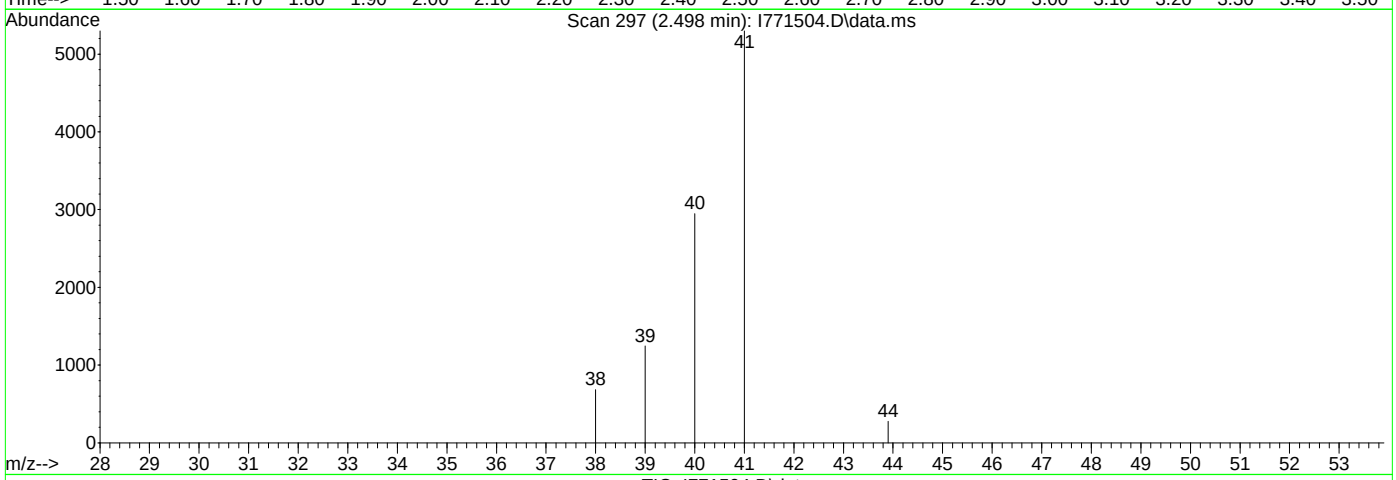
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	55.26
39.00	20.00	21.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(24) Acetonitrile

2.498min (+0.007) 49.38ug/L m

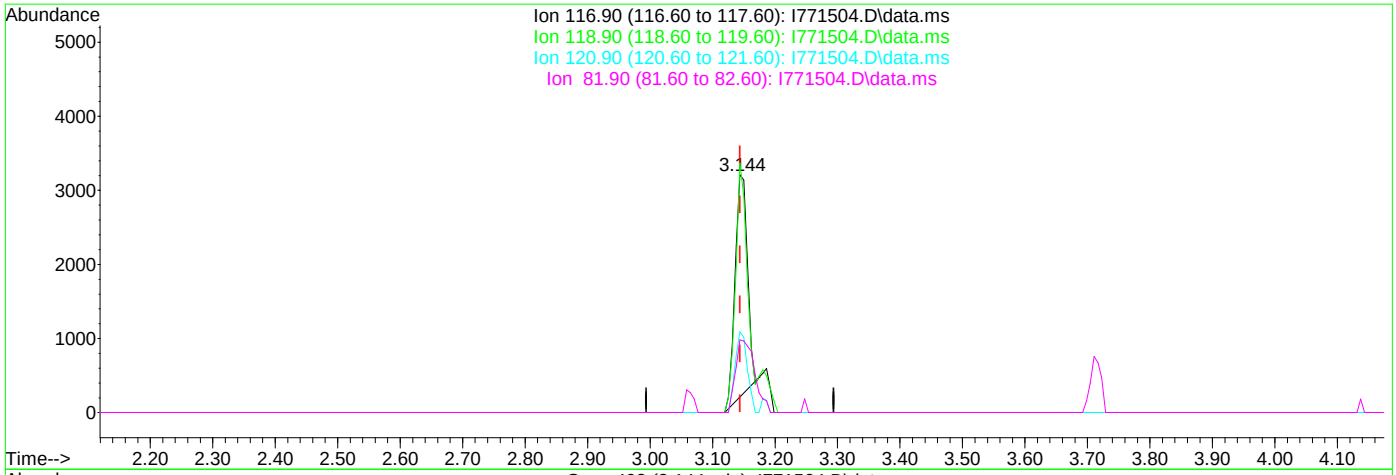
response 11066

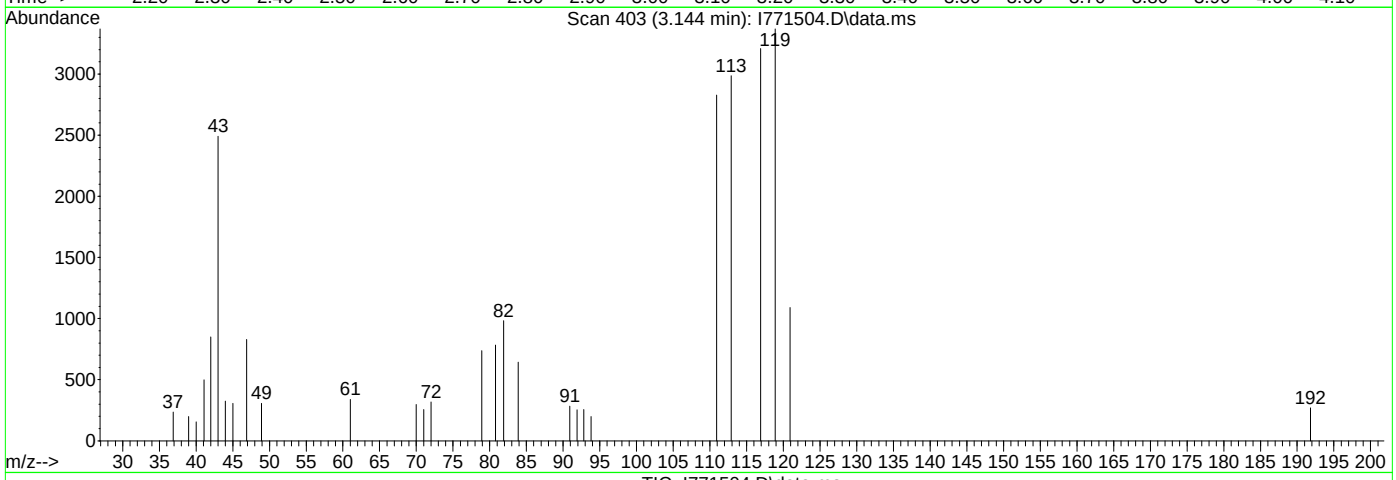
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	55.64
39.00	20.00	23.53
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 4.05ug/L

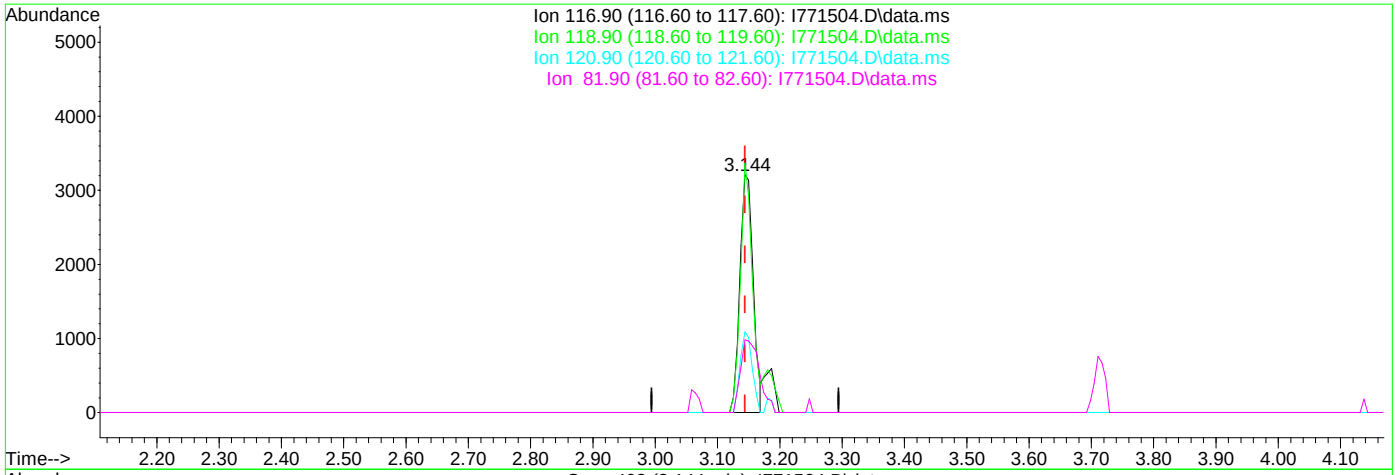
response 4159

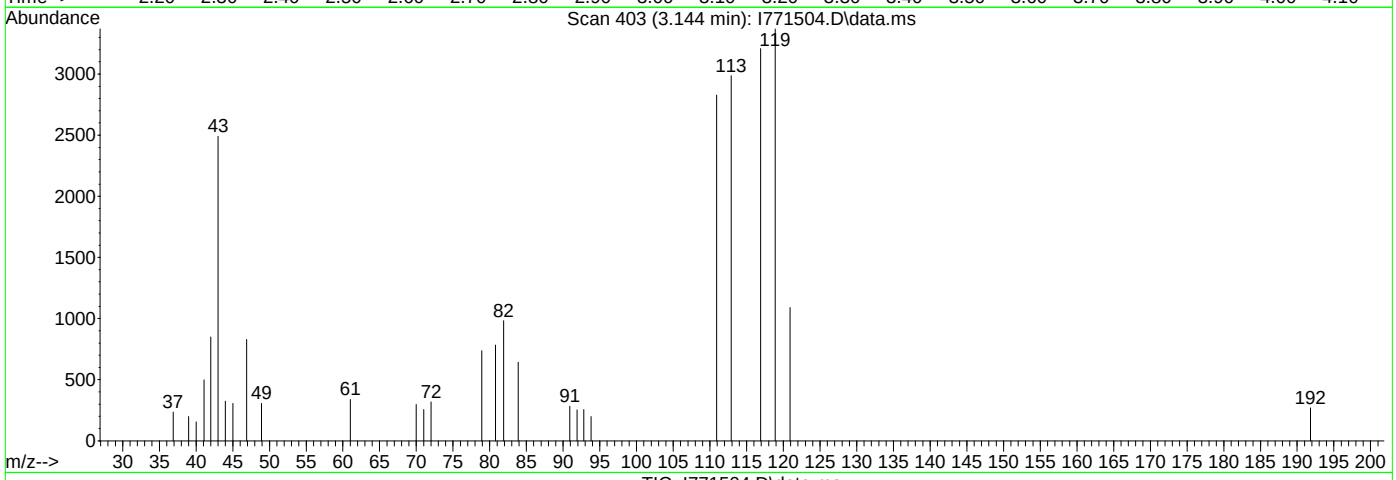
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	105.05
120.90	29.40	34.01
81.90	25.70	30.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 4.64ug/L m

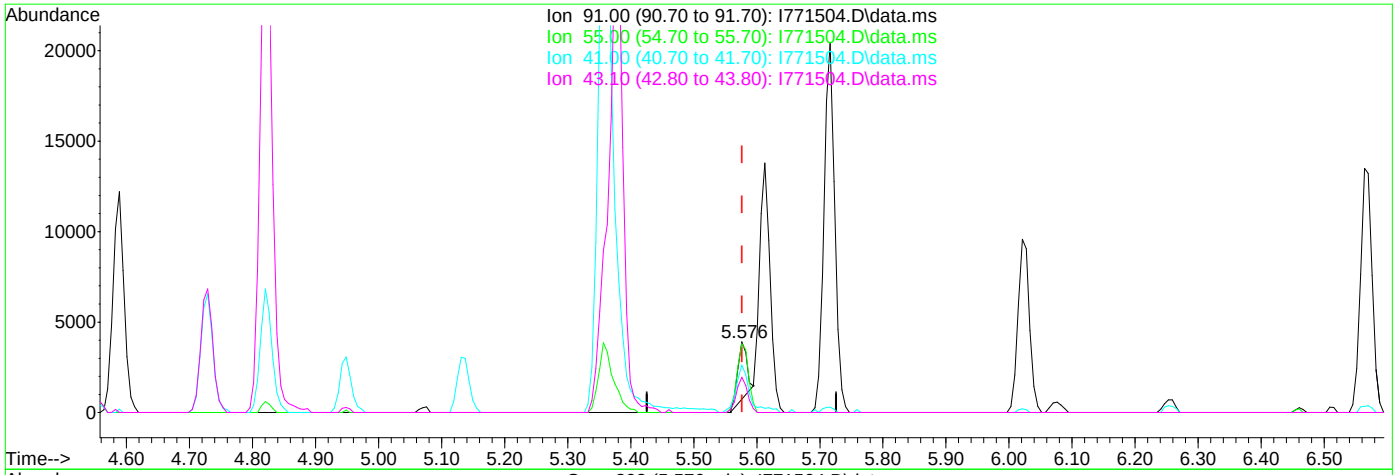
response 4764

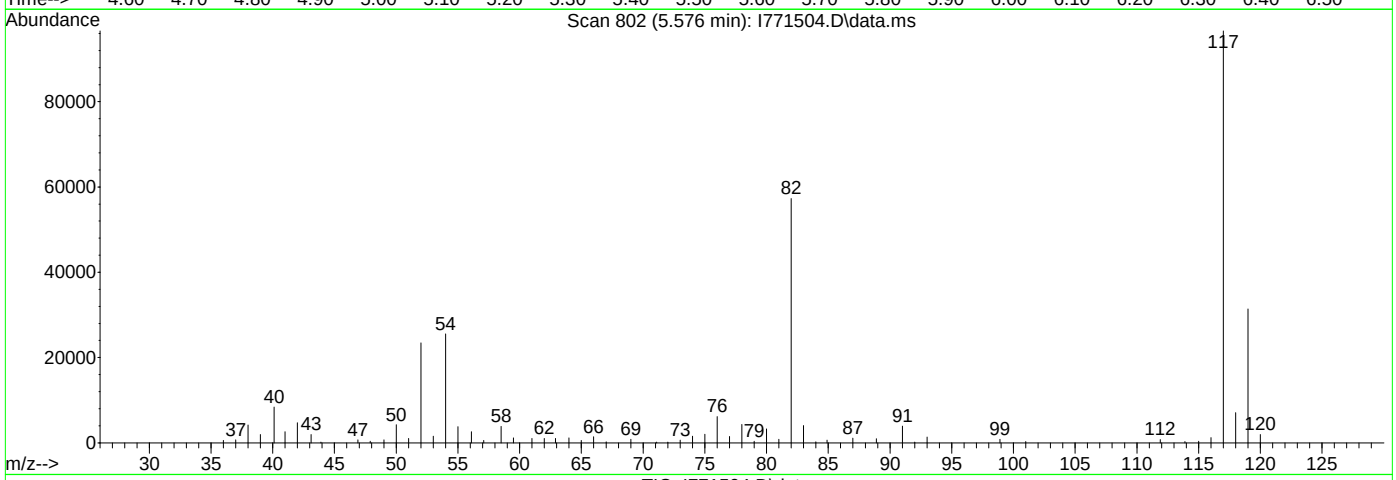
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	105.05
120.90	29.40	34.01
81.90	25.70	30.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 3.12ug/L

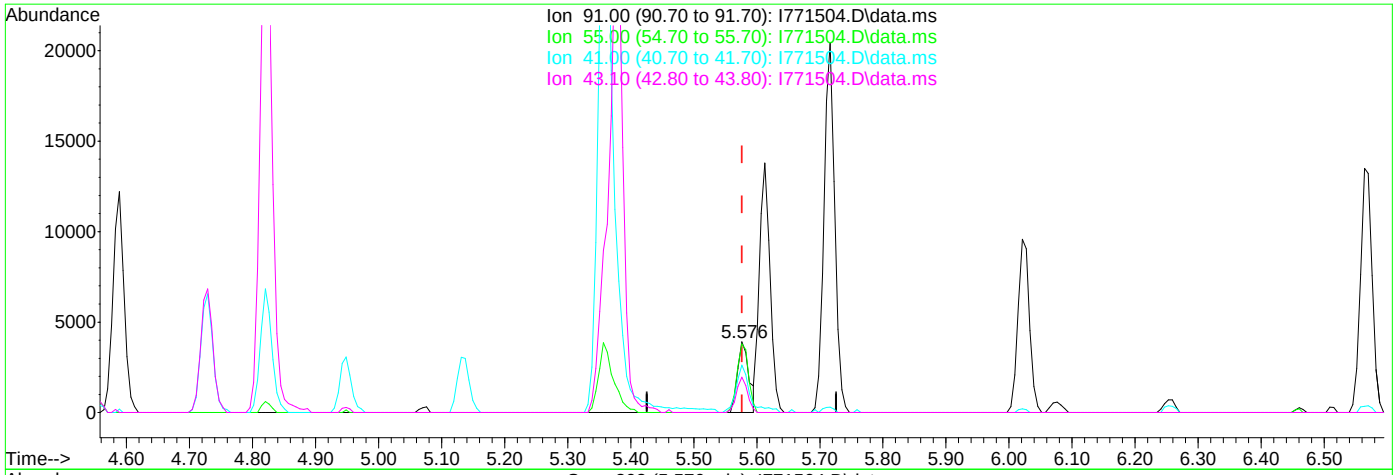
response 3375

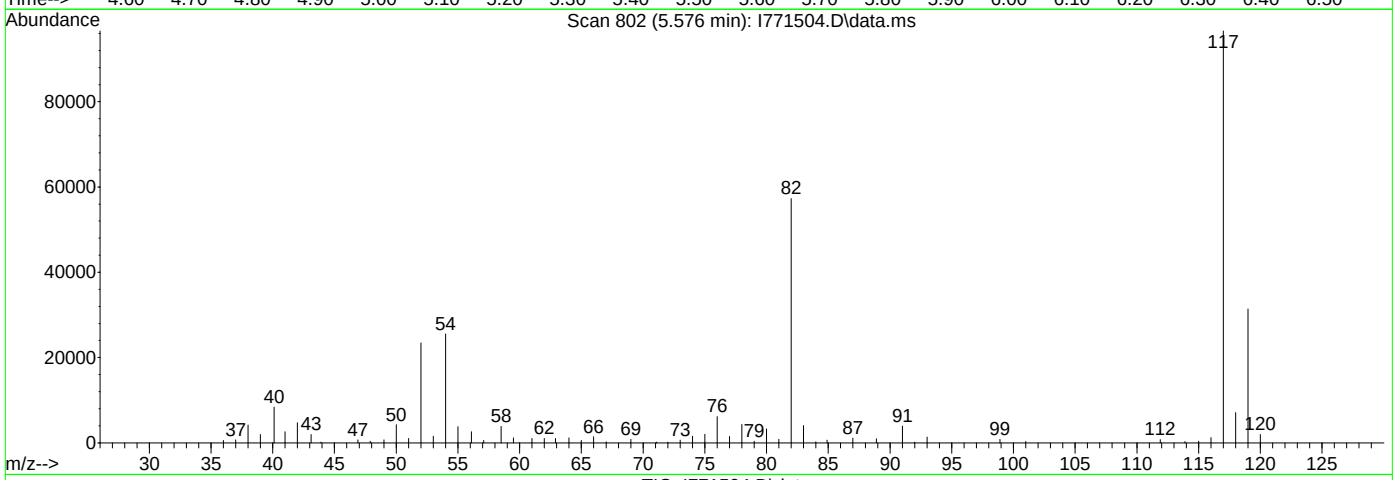
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	91.70
41.00	64.20	59.20
43.10	52.80	46.18

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 4.62ug/L m

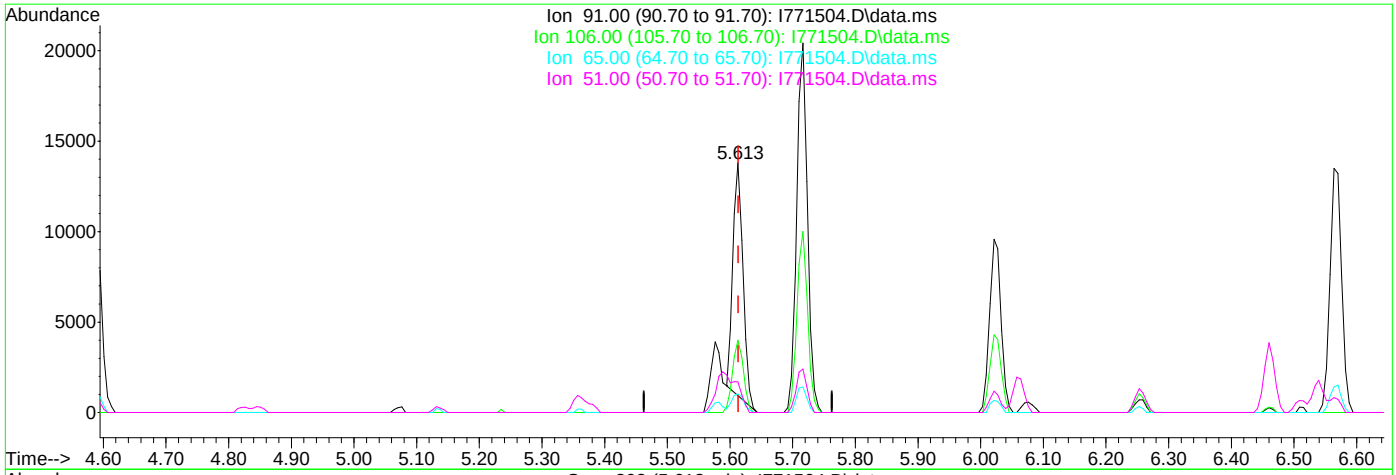
response 4995

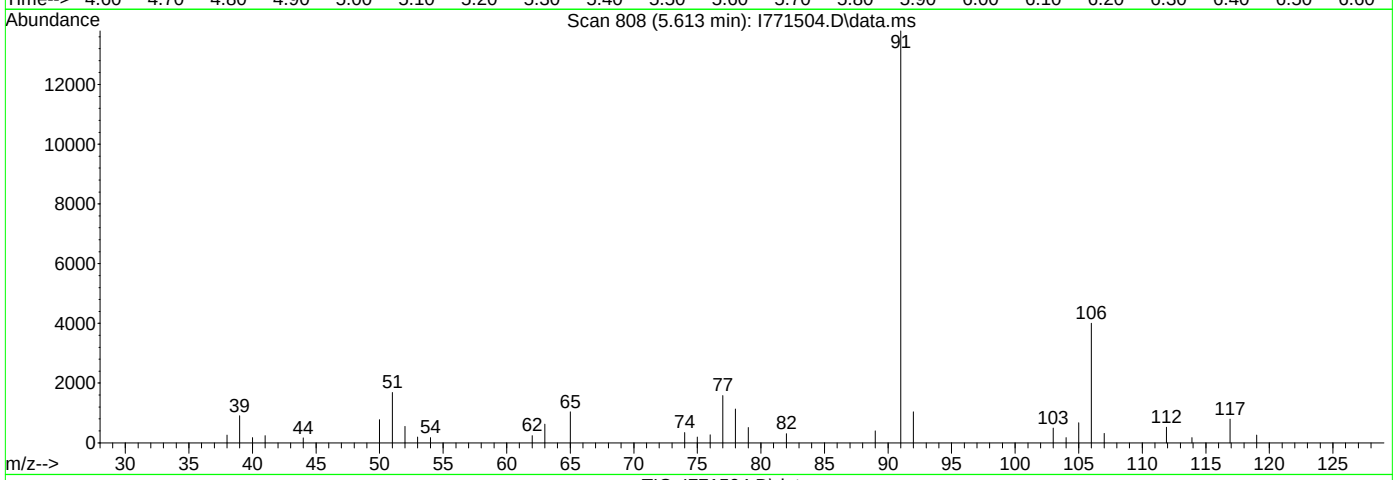
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	97.57
41.00	64.20	67.12
43.10	52.80	50.28

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 4.17ug/L

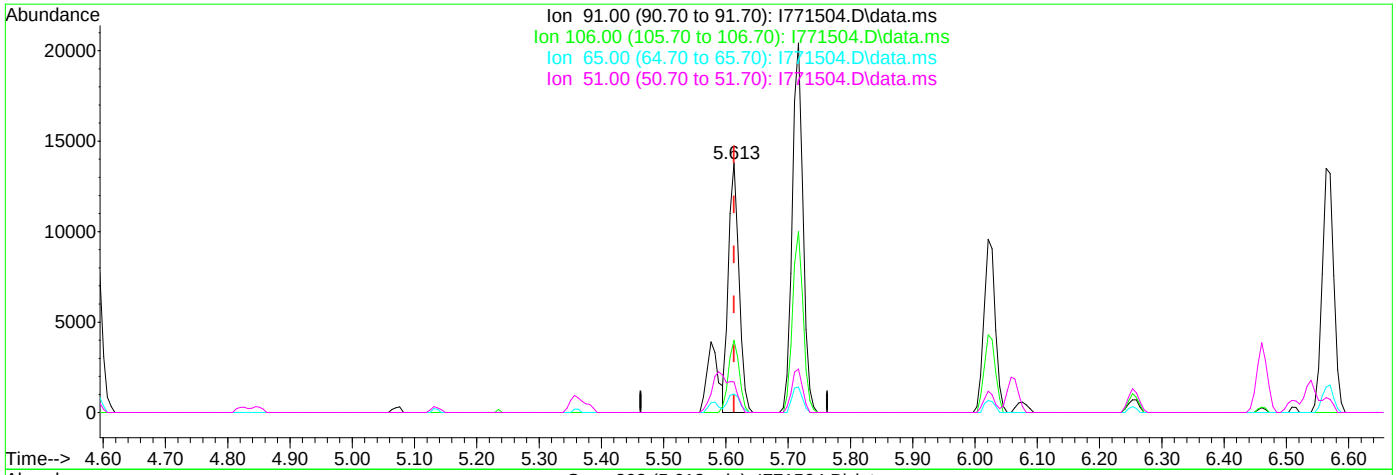
response 14118

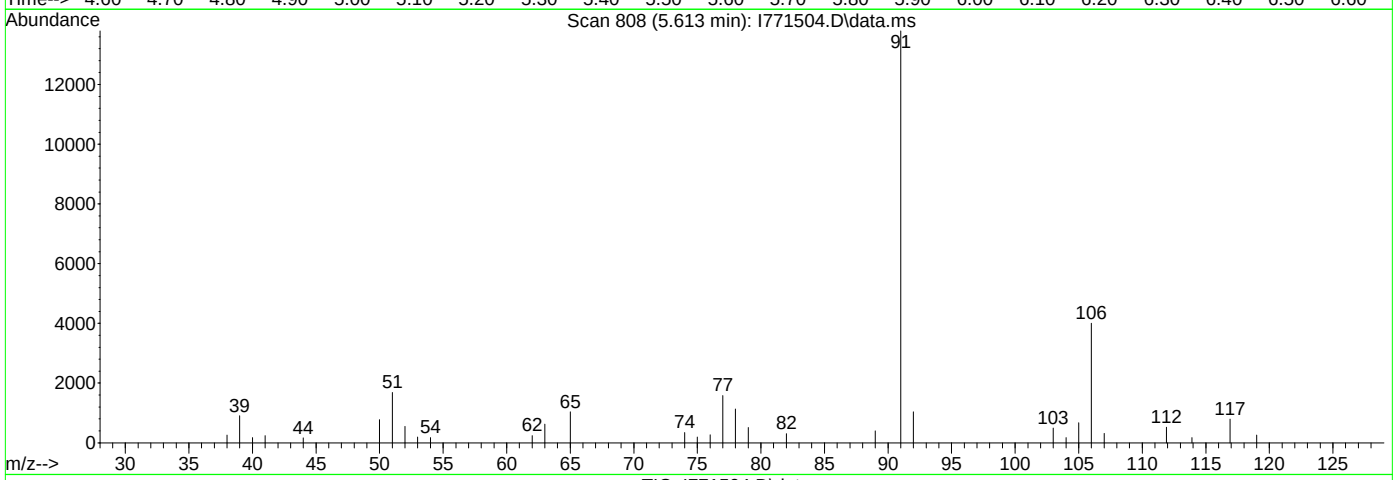
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	28.99
65.00	9.50	7.50
51.00	11.40	12.23

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 4.80ug/L m

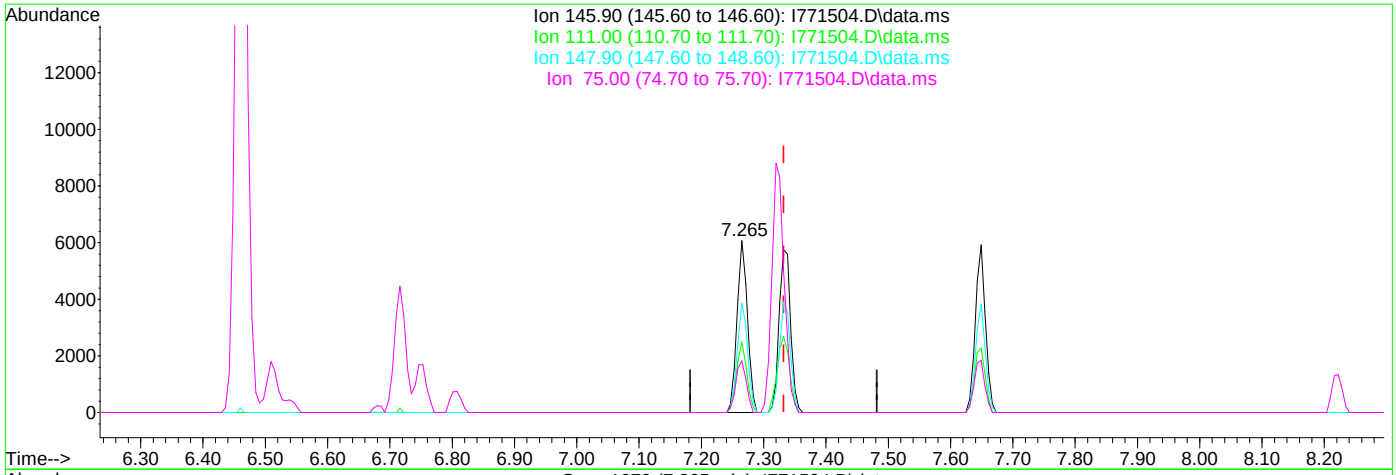
response 16281

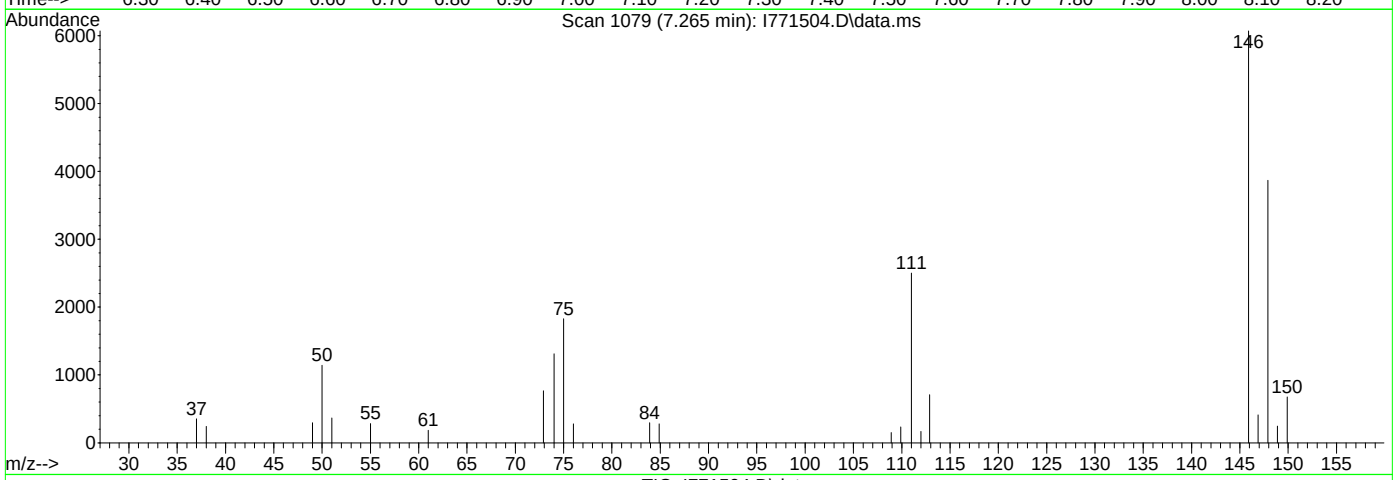
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	28.99
65.00	9.50	7.50
51.00	11.40	12.23

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(104) 1,4-Dichlorobenzene

7.265min (-0.067) 4.94ug/L

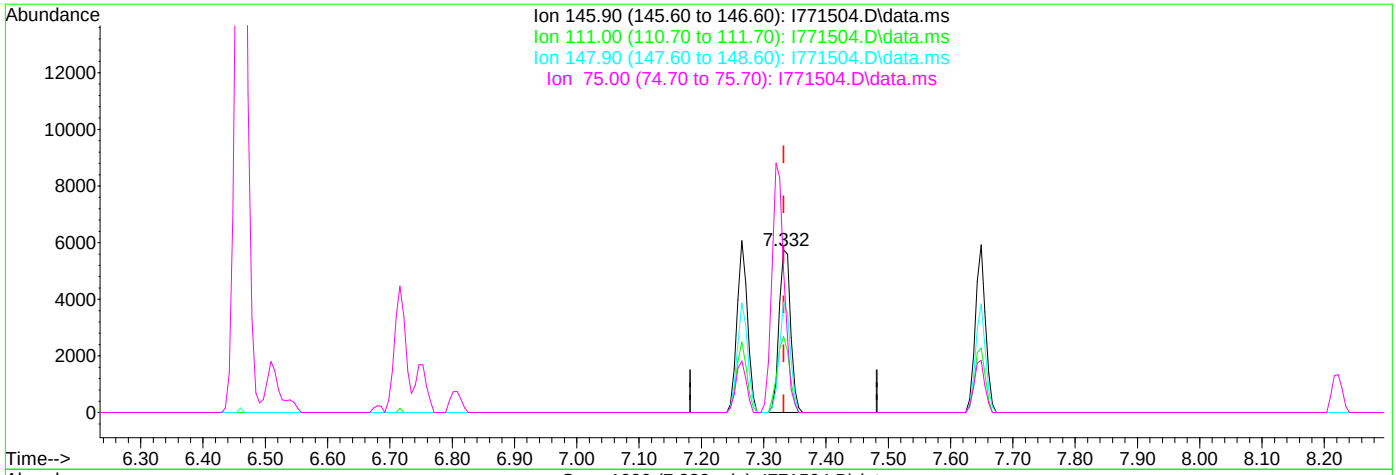
response 7032

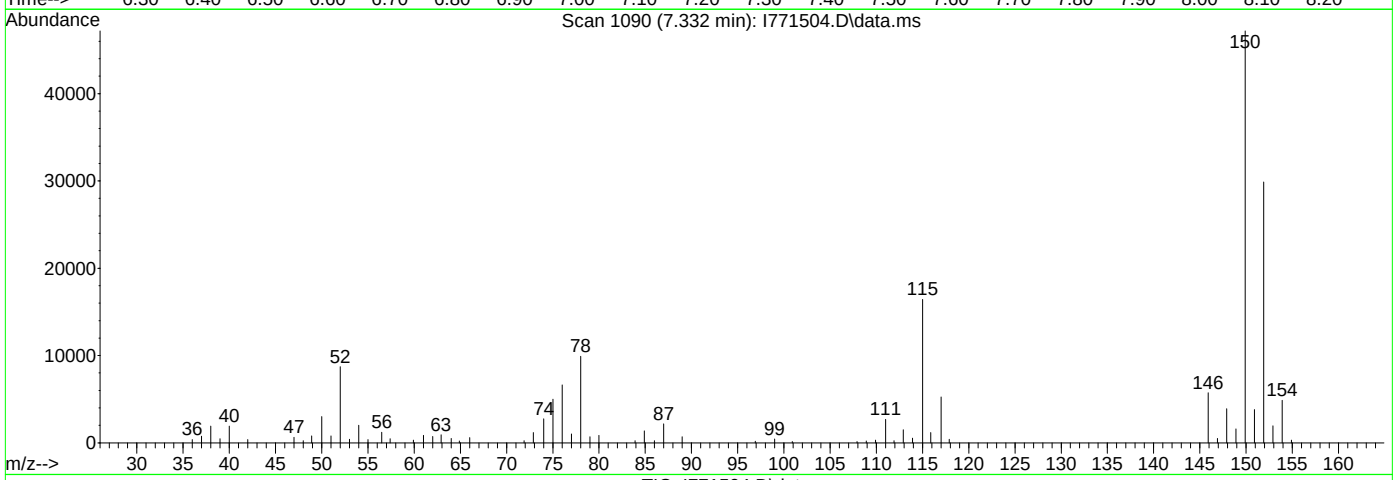
Ion	Exp%	Act%
145.90	100	100
111.00	39.80	41.20
147.90	63.70	63.72
75.00	32.10	30.12

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771504.D
Acq On : 18 May 2025 8:51 am
Operator : jeniferw
Sample : IC3572-2 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 10:48:18 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771504.D\data.ms

(104) 1,4-Dichlorobenzene

7.332min (-0.000) 5.16ug/L m

response 7342

Ion	Exp%	Act%
145.90	100	100
111.00	39.80	46.73
147.90	63.70	68.02
75.00	32.10	86.94#

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 11:37:43 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	200241	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	146834	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	72771	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	57198	49.47	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.94%			
49) 1,2-Dichloroethane-d4	3.461	65	68950	49.30	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	98.60%			
63) Toluene-d8	4.552	98	190170	49.87	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.74%			
86) 4-Bromofluorobenzene	6.466	174	54414	47.47	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	94.94%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	9092	8.82	ug/L		99
3) Chloromethane	1.211	50	8322	8.99	ug/L		99
4) 1,3-butadiene	1.272	39	6706	8.50	ug/L		98
5) Vinyl Chloride	1.260	62	8251	9.12	ug/L		97
6) Bromomethane	1.455	94	4481	9.36	ug/L		97
7) Chloroethane	1.522	64	3690	11.10	ug/L		99
8) Trichlorofluoromethane	1.595	101	11974	10.50	ug/L		99
9) Ethyl Ether	1.790	59	7146	9.54	ug/L		99
10) Ethanol	1.894	45	5953	190.19	ug/L		92
11) 1,2-Dichlorotrifluoroe...	1.888	67	7887	9.17	ug/L		99
12) 1,1-Dichloroethene	1.894	61	10382	9.82	ug/L		94
13) Freon 113	1.912	101	6063	9.57	ug/L		92
14) Carbon Disulfide	1.912	76	20059	9.05	ug/L		99
15) Iodomethane	1.973	142	4656	6.75	ug/L		95
16) Acrolein	2.083	56	13901	49.86	ug/L		94
17) Allyl chloride	2.150	41	10794	8.03	ug/L		97
18) Methylene Chloride	2.211	49	10505	9.79	ug/L		98
19) Acetone	2.241	43	28663	47.55	ug/L		97
20) Methyl acetate	2.302	43	72902	50.95	ug/L		98
21) trans-1,2-Dichloroethene	2.296	61	10000	9.77	ug/L		92
22) Hexane	2.339	56	5664	9.35	ug/L	#	76
23) Methyl Tert Butyl Ether	2.363	73	21948	8.94	ug/L	#	42
24) Acetonitrile	2.491	41	20251m	91.22	ug/L		
25) Tert Butyl Alcohol	2.418	59	33411	82.79	ug/L		80
26) Di-isopropyl ether	2.558	45	22752	8.44	ug/L		98
27) Chloroprene	2.656	53	28899	9.59	ug/L		82
28) 1,1-Dichloroethane	2.625	63	12390	9.54	ug/L		96
29) Acrylonitrile	2.656	52	23331	49.83	ug/L	#	69
30) ETBE	2.753	59	22549	8.83	ug/L		96
31) Vinyl acetate	2.753	43	107690	44.52	ug/L		98
32) cis-1,2-Dichloroethene	2.918	96	6883	9.25	ug/L		91
33) 2,2-Dichloropropane	2.979	77	9744	8.32	ug/L		98
34) Bromochloromethane	3.022	128	3617	9.67	ug/L		98
35) Cyclohexane	3.034	56	10165	8.37	ug/L		98
36) Chloroform	3.058	83	13783	10.39	ug/L		94
37) Ethyl acetate	3.119	43	75850	44.96	ug/L		99
38) Tetrahydrofuran	3.156	42	6115	8.62	ug/L		96
40) Carbon Tetrachloride	3.144	117	8518m	8.37	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	10127	9.52	ug/L		98
42) 2-Butanone	3.229	43	46713	45.84	ug/L		97
43) 1,1-Dichloropropene	3.247	75	7780	9.35	ug/L		91
44) tert-Butyl formate	3.308	59	32145	36.62	ug/L		91

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 11:37:43 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	26024	97.05	ug/L	#	37
46) Methacrylonitrile	3.406	41	81818	91.68	ug/L		97
47) Benzene	3.387	78	25547	9.50	ug/L		81
48) TAME	3.442	73	20633	8.61	ug/L	#	67
50) 1,2-Dichloroethane	3.497	62	10221	9.38	ug/L		97
51) Isobutyl Alcohol	3.442	43	6321	160.67	ug/L		73
52) Tert Amyl Alcohol	3.552	59	27111	80.44	ug/L		96
53) Trichloroethene	3.711	95	6881	8.79	ug/L		95
54) Methylcyclohexane	3.711	83	8694	8.03	ug/L		94
55) Dibromomethane	3.961	93	5110	9.30	ug/L		95
56) 1,2-Dichloropropane	4.015	63	7080	9.62	ug/L		98
57) Bromodichloromethane	4.052	83	9617	9.13	ug/L		99
58) Methyl methacrylate	4.137	41	8989	7.90	ug/L		93
59) 1,4-Dioxane	4.180	88	3734	165.62	ug/L		97
60) 2-Chloroethyl vinyl ether	4.393	63	31365	46.50	ug/L		94
61) cis-1,3-Dichloropropene	4.436	75	10959	8.77	ug/L		94
64) Toluene	4.588	91	27093	9.29	ug/L		96
65) 2-Nitropropane	4.729	41	16701	31.57	ug/L		96
66) 4-Methyl-2-pentanone	4.820	43	72643	43.67	ug/L		97
67) trans-1,3-Dichloropropene	4.844	75	11058	8.83	ug/L		96
68) Tetrachloroethene	4.838	166	6158	8.77	ug/L		88
69) Ethyl methacrylate	4.948	69	9871	8.11	ug/L		86
70) 1,1,2-Trichloroethane	4.954	83	5883	9.81	ug/L		92
71) Dibromochloromethane	5.070	129	7231	8.25	ug/L		97
72) 1,3-Dichloropropane	5.137	76	11560	9.65	ug/L		92
73) 1,2-Dibromoethane	5.235	107	7563	9.13	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.357	57	140479	407.98	ug/L		95
75) 2-hexanone	5.375	43	85947	42.86	ug/L		93
76) 1-Chlorohexane	5.576	91	8961m	8.33	ug/L		
77) Ethylbenzene	5.613	91	29036m	8.62	ug/L		
78) Chlorobenzene	5.594	112	17111	9.07	ug/L		98
79) 1,1,1,2-Tetrachloroethane	5.637	131	6301	8.67	ug/L		95
80) m,p-Xylene	5.716	91	45063	17.67	ug/L		99
81) o-Xylene	6.021	91	22135	8.55	ug/L		96
82) Styrene	6.064	104	17587	8.97	ug/L		96
83) Bromoform	6.076	173	4915	7.21	ug/L		95
84) Isopropylbenzene	6.253	105	25331	8.30	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	4289	8.48	ug/L		92
88) n-Propylbenzene	6.570	91	31742	8.97	ug/L		96
89) Bromobenzene	6.539	156	7277	9.25	ug/L		92
90) 1,1,2,2-Tetrachloroethane	6.612	83	11371	9.94	ug/L		98
91) 1,3,5-Trimethylbenzene	6.716	105	20334	8.13	ug/L		99
92) 2-Chlorotoluene	6.679	91	17536	8.75	ug/L		94
93) trans-1,4-Dichloro-2-B...	6.753	53	3224	7.72	ug/L	#	85
94) 1,2,3-Trichloropropane	6.716	110	3524	9.22	ug/L		91
95) Cyclohexanone	6.747	55	4413	40.18	ug/L		95
96) 4-Chlorotoluene	6.808	91	20023	8.80	ug/L		94
97) tert-Butylbenzene	6.960	91	11643	8.32	ug/L		97
98) 1,2,4-Trimethylbenzene	7.021	105	21146	8.15	ug/L		96
99) Pentachloroethane	6.978	167	3837	8.12	ug/L	#	1
100) sec-Butylbenzene	7.106	105	24210	8.50	ug/L		98
101) 4-Isopropyltoluene	7.222	119	20018	8.26	ug/L		93
102) 1,3-Dichlorobenzene	7.265	146	12740	9.00	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	22053	8.51	ug/L		98
104) 1,4-Dichlorobenzene	7.332	146	13689	9.47	ug/L		88
105) n-Butylbenzene	7.539	92	11158	8.32	ug/L		88
106) Benzyl Chloride	7.521	126	3584	6.87	ug/L	#	91
107) 1,2-Dichlorobenzene	7.649	146	12127	8.93	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 11:37:43 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

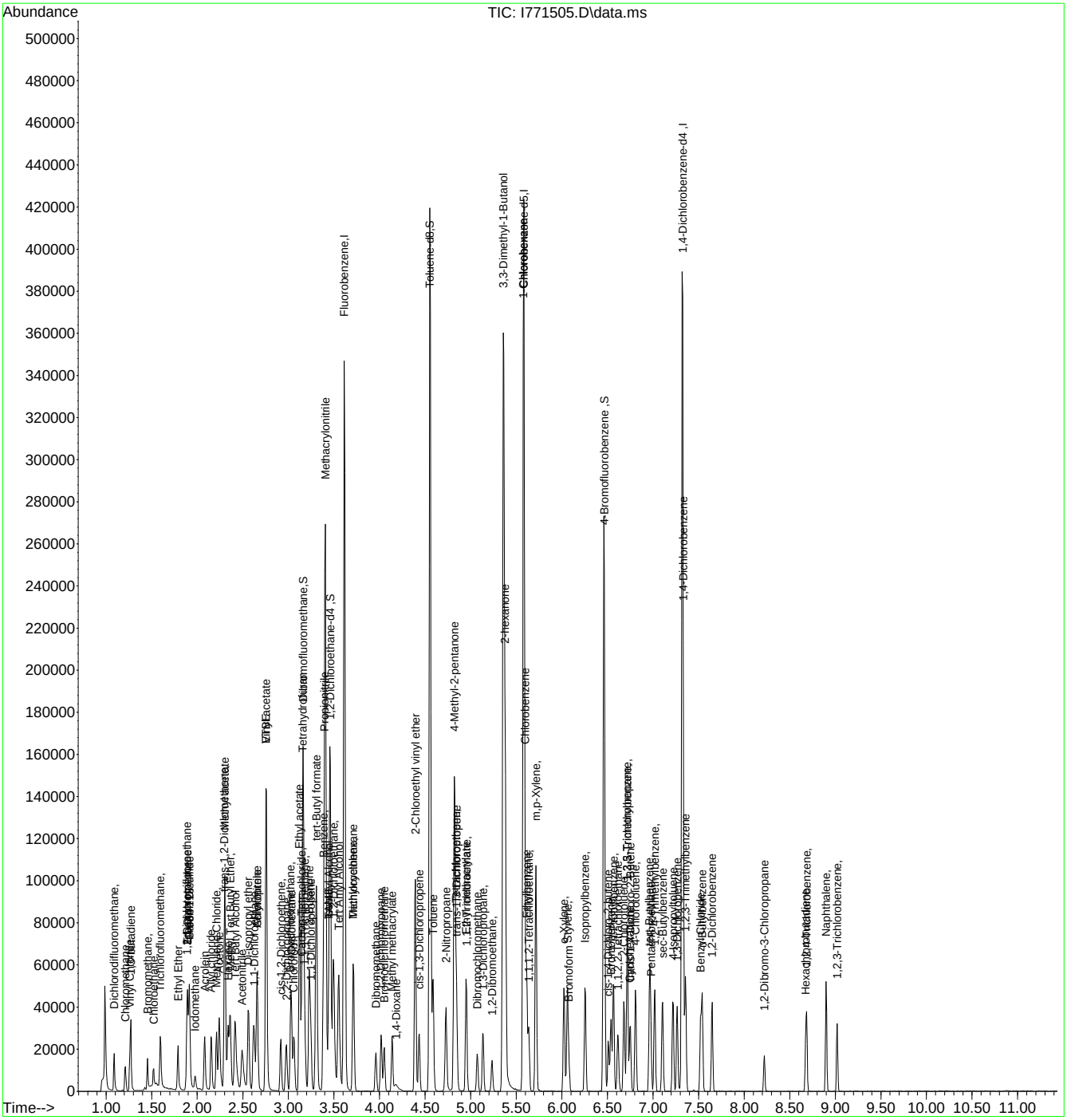
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	2947	7.89	ug/L	84
109) Hexachlorobutadiene	8.673	225	2160	7.40	ug/L	84
110) 1,2,4-Trichlorobenzene	8.685	180	6750	8.21	ug/L	96
111) Naphthalene	8.899	128	25770	7.98	ug/L	98
112) 1,2,3-Trichlorobenzene	9.020	180	6282	8.13	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 11:37:43 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

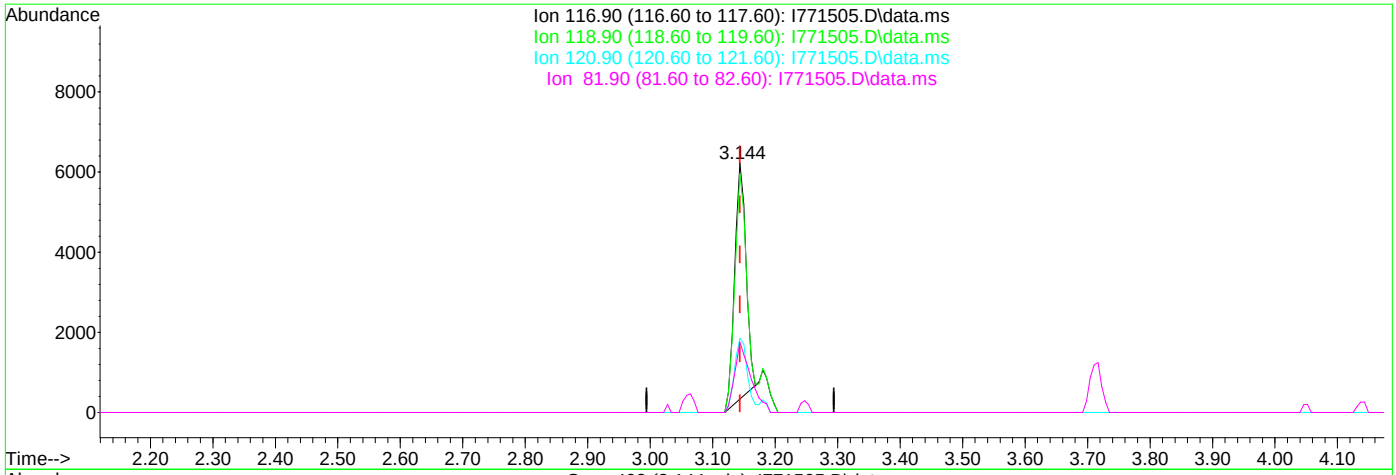
Sample Number: VI3572-IC3572
Lab FileID: I771505.D
Injection Time: 05/18/25 09:07
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

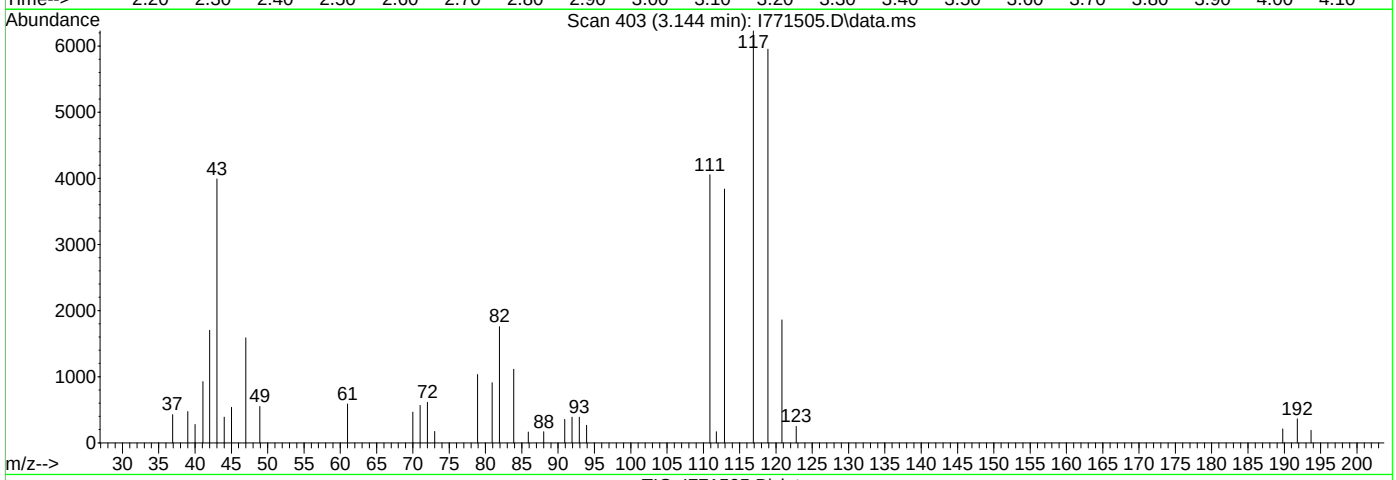
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 7.42ug/L

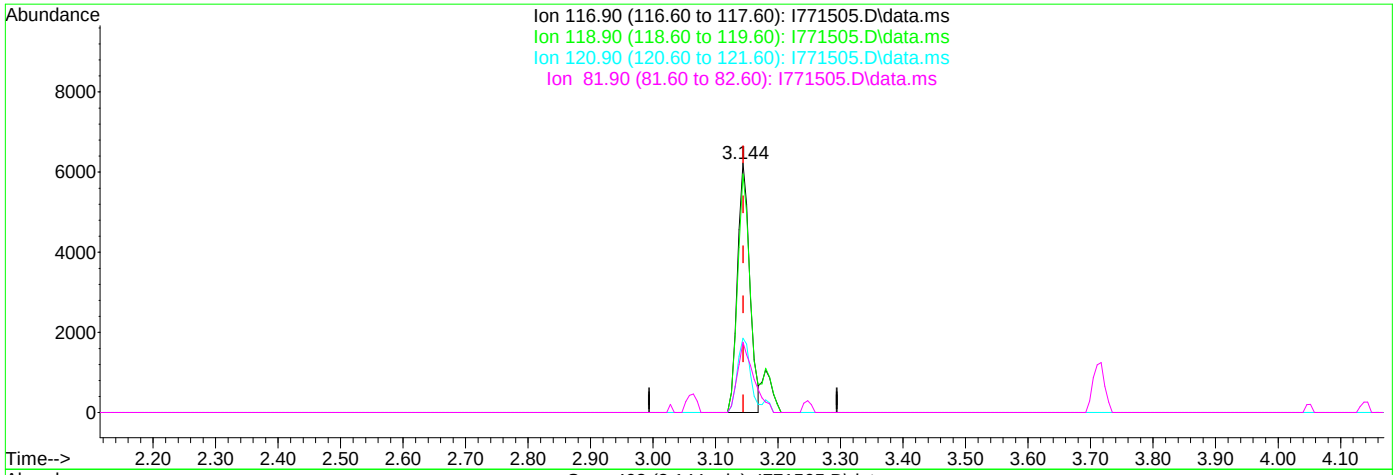
response 7547

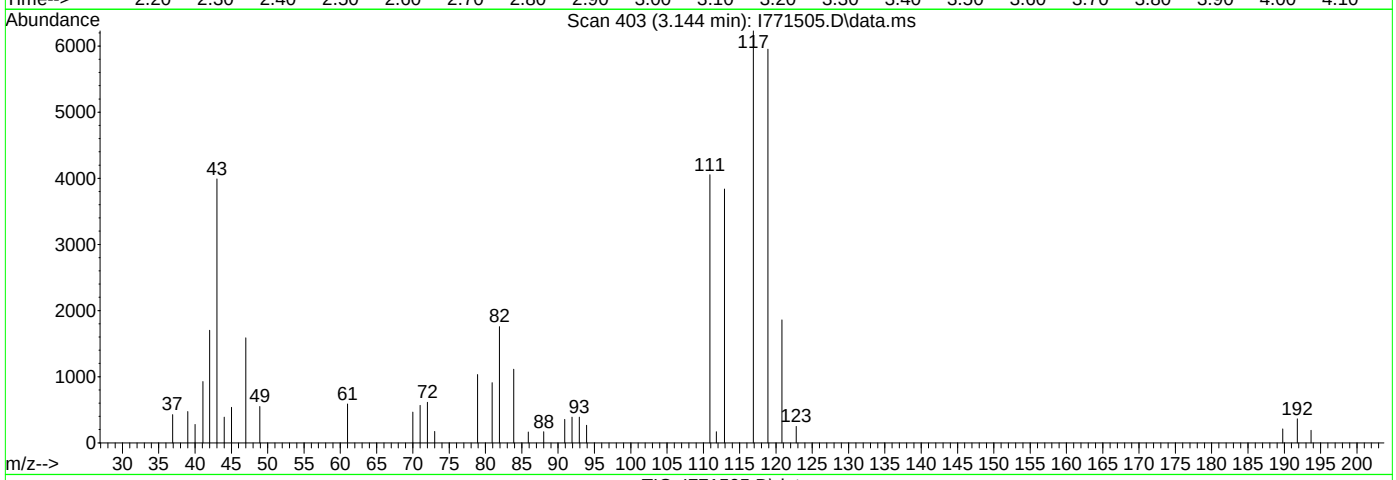
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.52
120.90	29.40	29.84
81.90	25.70	28.20

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 8.37ug/L m

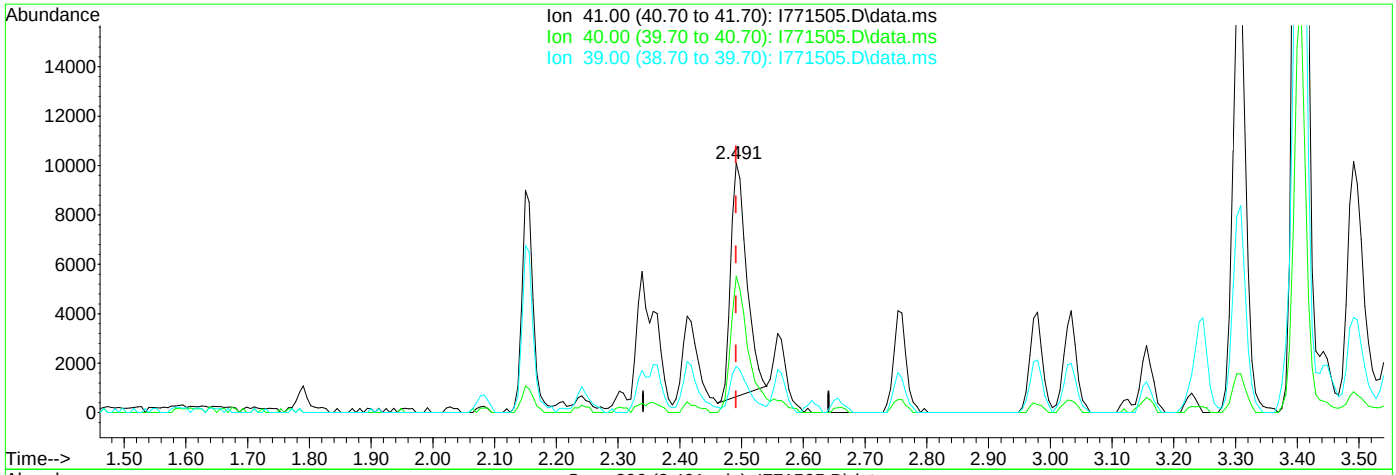
response 8518

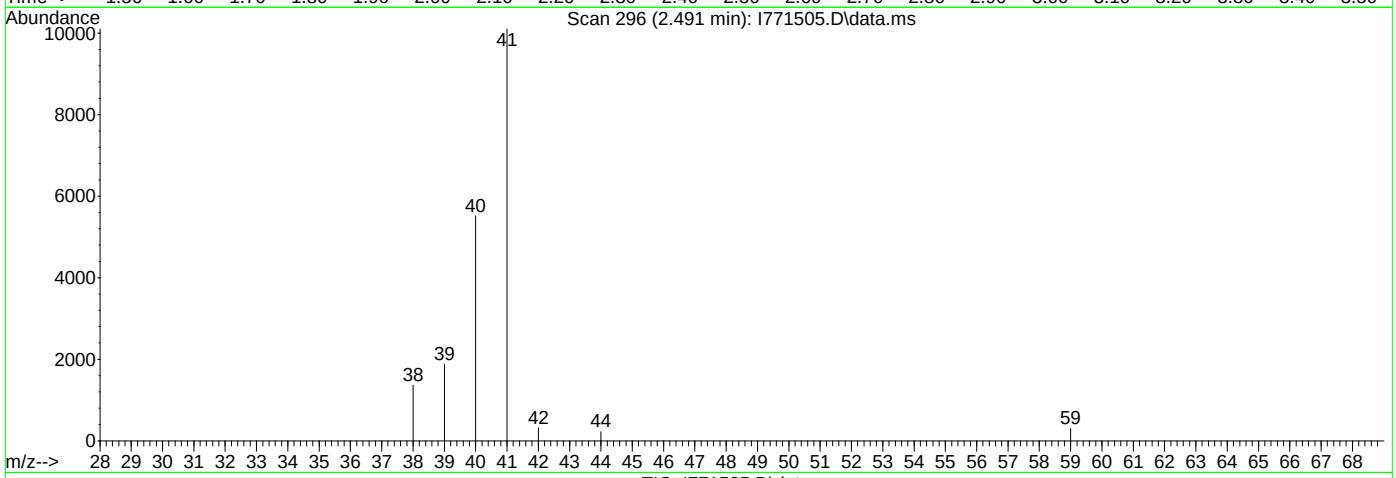
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	95.52
120.90	29.40	29.84
81.90	25.70	28.20

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 75.62ug/L

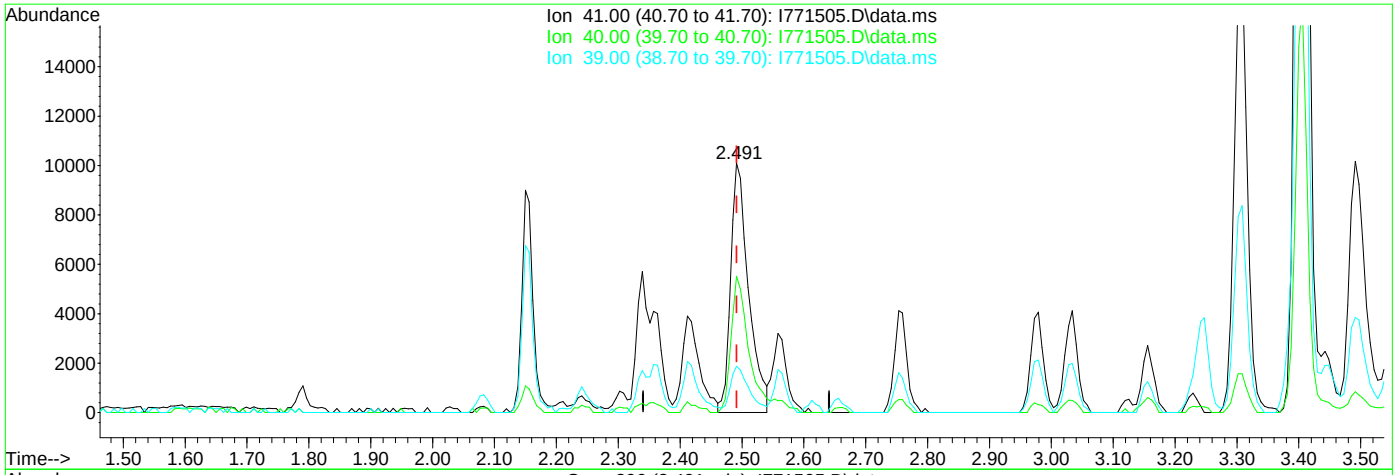
response 16794

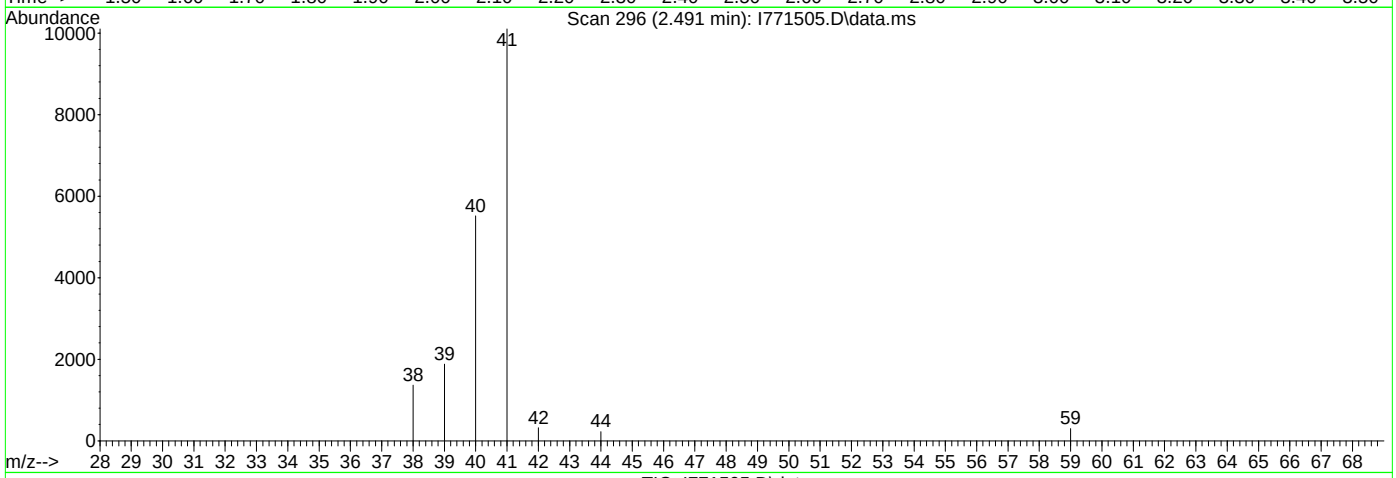
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	56.71
39.00	20.00	17.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 91.22ug/L m

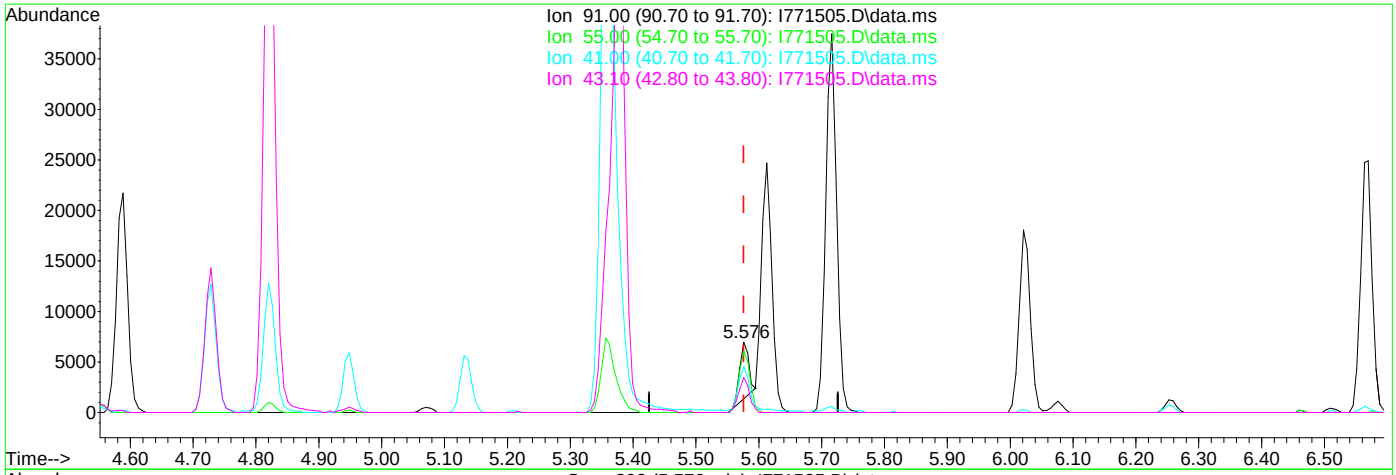
response 20251

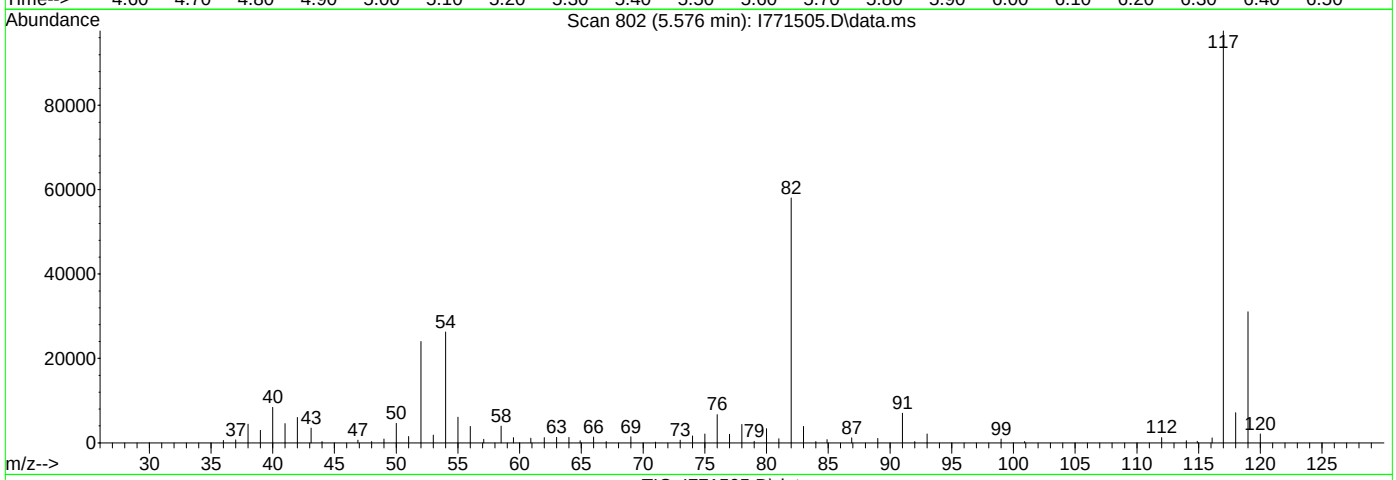
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.56
39.00	20.00	18.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 5.46ug/L

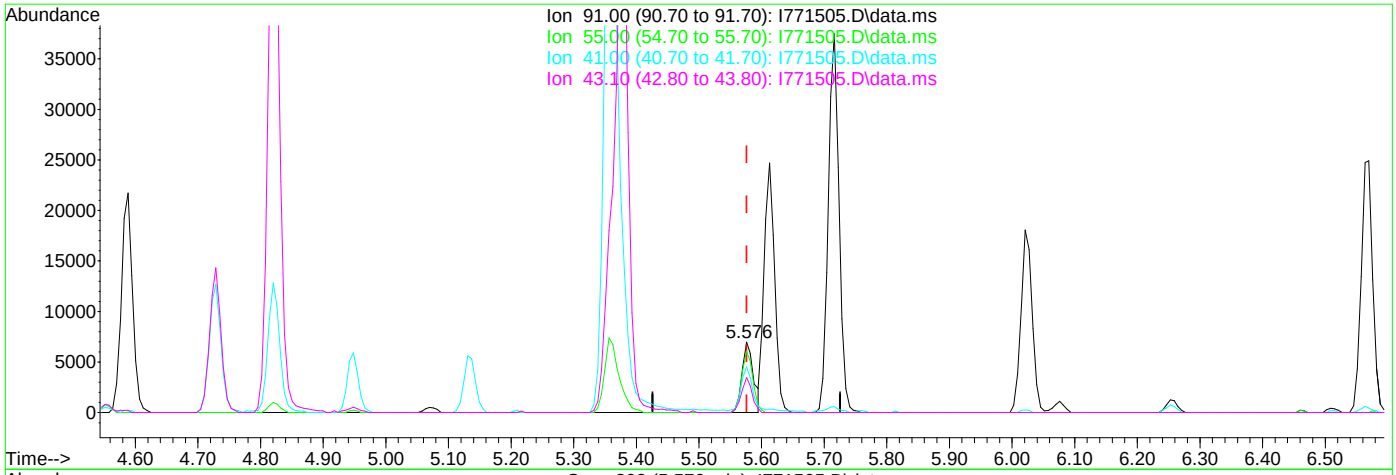
response 5875

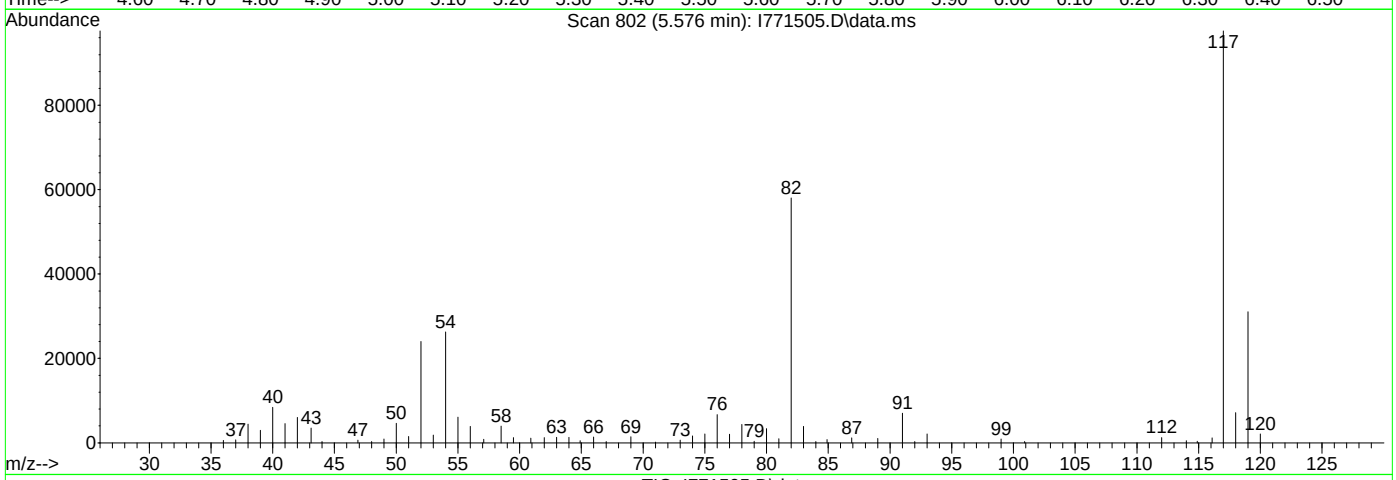
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	87.10
41.00	64.20	61.37
43.10	52.80	49.74

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 8.33ug/L m

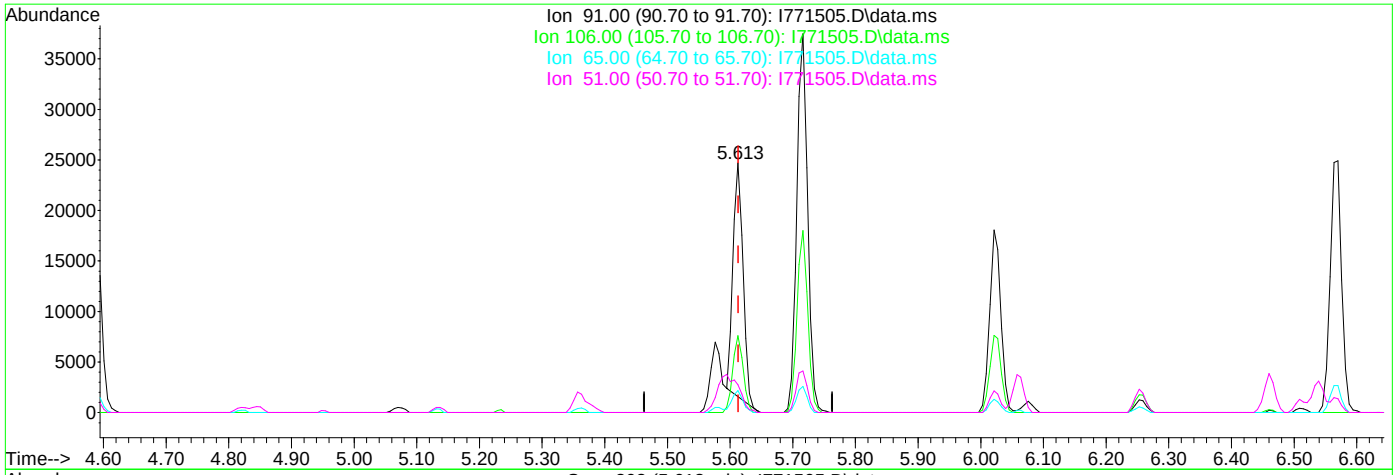
response 8961

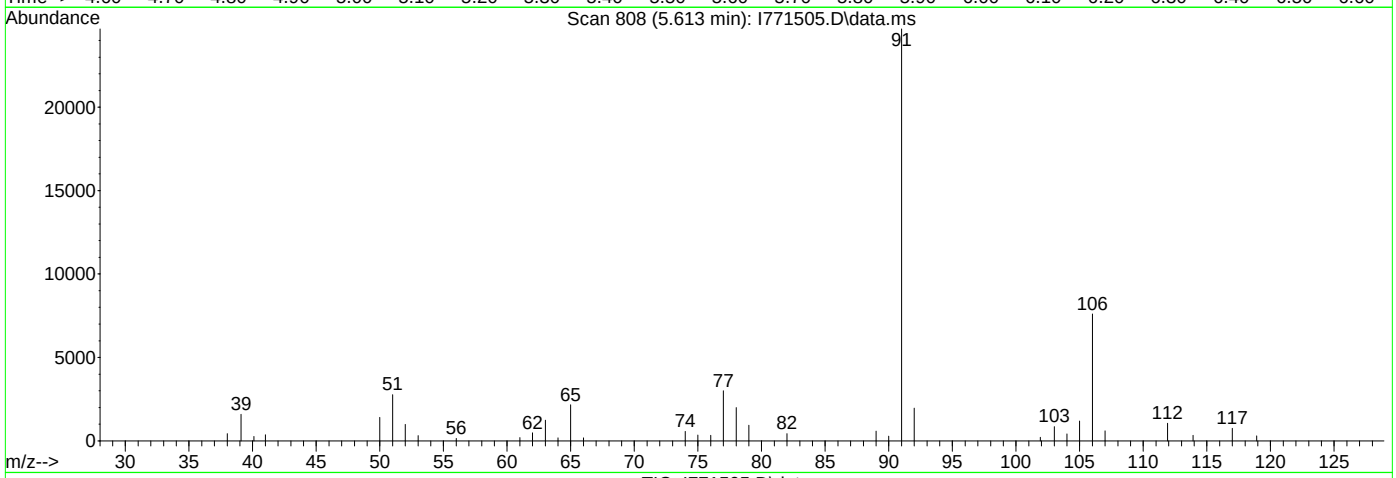
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	87.10
41.00	64.20	65.02
43.10	52.80	49.74

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 7.49ug/L

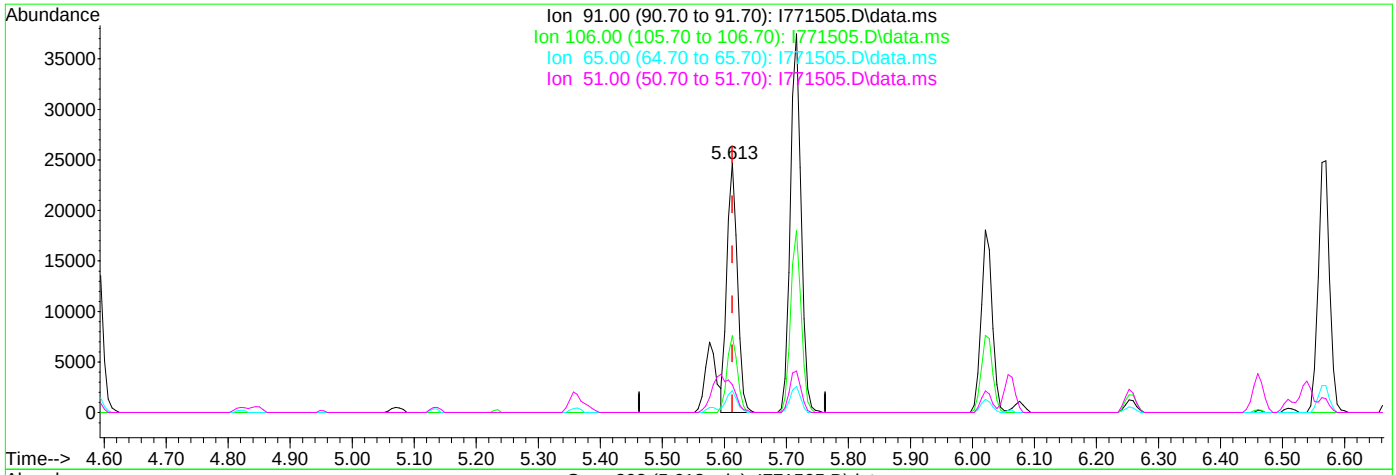
response 25236

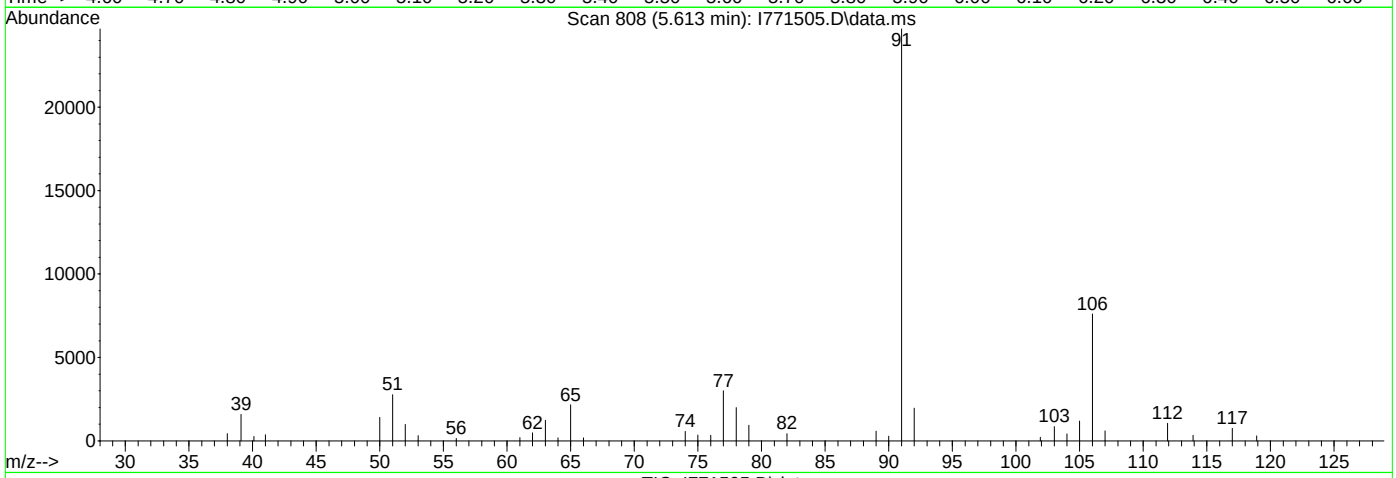
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	31.00
65.00	9.50	8.83
51.00	11.40	11.26

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771505.D
Acq On : 18 May 2025 9:07 am
Operator : jeniferw
Sample : IC3572-3 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 18 10:48:20 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771505.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 8.62ug/L m

response 29036

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.77
65.00	9.50	8.76
51.00	11.40	11.17

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 11:38:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	202643	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	149425	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	73652	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	57667	49.29	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.58%		
49) 1,2-Dichloroethane-d4	3.455	65	69283	48.95	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	97.90%		
63) Toluene-d8	4.552	98	191481	49.35	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	98.70%		
86) 4-Bromofluorobenzene	6.460	174	55053	47.46	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	94.92%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	24059	23.07	ug/L	96
3) Chloromethane	1.205	50	21596	23.04	ug/L	100
4) 1,3-butadiene	1.272	39	17075	21.39	ug/L	96
5) Vinyl Chloride	1.260	62	21540	23.54	ug/L	97
6) Bromomethane	1.455	94	11061	22.83	ug/L	95
7) Chloroethane	1.516	64	9977	29.65	ug/L	98
8) Trichlorofluoromethane	1.595	101	30643	26.54	ug/L	99
9) Ethyl Ether	1.784	59	18293	24.14	ug/L	96
10) Ethanol	1.882	45	13946	454.94	ug/L	95
11) 1,2-Dichlorotrifluoroe...	1.888	67	21600	24.81	ug/L	99
12) 1,1-Dichloroethene	1.894	61	27963	26.15	ug/L	92
13) Freon 113	1.912	101	16715	26.08	ug/L	94
14) Carbon Disulfide	1.912	76	54148	24.14	ug/L	98
15) Iodomethane	1.973	142	16075	22.79	ug/L	94
16) Acrolein	2.077	56	35269	125.01	ug/L	98
17) Allyl chloride	2.150	41	26758	19.68	ug/L	96
18) Methylene Chloride	2.211	49	26402	24.31	ug/L	96
19) Acetone	2.241	43	70309	115.25	ug/L	99
20) Methyl acetate	2.302	43	158447	109.43	ug/L	97
21) trans-1,2-Dichloroethene	2.296	61	26031	25.13	ug/L	93
22) Hexane	2.339	56	14311	23.35	ug/L #	76
23) Methyl Tert Butyl Ether	2.357	73	58205	23.43	ug/L #	58
24) Acetonitrile	2.491	41	48044m	214.43	ug/L	
25) Tert Butyl Alcohol	2.412	59	88664	217.10	ug/L	80
26) Di-isopropyl ether	2.558	45	59708	21.88	ug/L	99
27) Chloroprene	2.656	53	72504	23.76	ug/L	82
28) 1,1-Dichloroethane	2.625	63	33062	25.17	ug/L	98
29) Acrylonitrile	2.656	52	56820	119.93	ug/L #	70
30) ETBE	2.753	59	60872	23.56	ug/L	97
31) Vinyl acetate	2.753	43	275134	112.38	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	18030	23.95	ug/L	93
33) 2,2-Dichloropropane	2.979	77	25961	21.91	ug/L	98
34) Bromochloromethane	3.022	128	9532	25.19	ug/L	96
35) Cyclohexane	3.034	56	28069	22.83	ug/L	95
36) Chloroform	3.058	83	34873	25.98	ug/L	98
37) Ethyl acetate	3.119	43	193152	113.12	ug/L	98
38) Tetrahydrofuran	3.156	42	14939	20.81	ug/L	93
40) Carbon Tetrachloride	3.144	117	23271m	22.61	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	26546	24.66	ug/L	96
42) 2-Butanone	3.229	43	117151	113.61	ug/L	93
43) 1,1-Dichloropropene	3.247	75	21469	25.50	ug/L	93
44) tert-Butyl formate	3.308	59	89139	100.35	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 11:38:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	63962	235.70	ug/L	#	28
46) Methacrylonitrile	3.406	41	203305	225.11	ug/L		97
47) Benzene	3.381	78	68959	25.34	ug/L		97
48) TAME	3.442	73	54495	22.48	ug/L	#	66
50) 1,2-Dichloroethane	3.497	62	27442	24.89	ug/L		99
51) Isobutyl Alcohol	3.442	43	15933	400.20	ug/L		73
52) Tert Amyl Alcohol	3.552	59	68993	202.28	ug/L		96
53) Trichloroethene	3.711	95	18557	23.43	ug/L		98
54) Methylcyclohexane	3.711	83	23518	21.46	ug/L		95
55) Dibromomethane	3.954	93	13528	24.33	ug/L		94
56) 1,2-Dichloropropane	4.015	63	18534	24.88	ug/L		99
57) Bromodichloromethane	4.052	83	25535	23.95	ug/L		99
58) Methyl methacrylate	4.137	41	23386	20.30	ug/L		91
59) 1,4-Dioxane	4.174	88	9920	434.77	ug/L		97
60) 2-Chloroethyl vinyl ether	4.387	63	84857	124.31	ug/L		96
61) cis-1,3-Dichloropropene	4.430	75	29567	23.37	ug/L		97
64) Toluene	4.588	91	71692	24.15	ug/L		97
65) 2-Nitropropane	4.729	41	47365	87.99	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	182945	108.08	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	29903	23.47	ug/L		95
68) Tetrachloroethene	4.838	166	16793	23.50	ug/L		94
69) Ethyl methacrylate	4.948	69	26316	21.24	ug/L		85
70) 1,1,2-Trichloroethane	4.954	83	15434	25.30	ug/L		97
71) Dibromochloromethane	5.070	129	19303	21.63	ug/L		97
72) 1,3-Dichloropropane	5.137	76	30457	24.99	ug/L		91
73) 1,2-Dibromoethane	5.235	107	20036	23.78	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.357	57	385835	1101.12	ug/L		96
75) 2-hexanone	5.375	43	218658	107.15	ug/L		95
76) 1-Chlorohexane	5.576	91	24514m	22.41	ug/L		
77) Ethylbenzene	5.613	91	77501m	22.60	ug/L		
78) Chlorobenzene	5.594	112	46767	24.36	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.637	131	16651	22.53	ug/L		98
80) m,p-Xylene	5.716	91	121803	46.94	ug/L		99
81) o-Xylene	6.021	91	58940	22.38	ug/L		98
82) Styrene	6.058	104	45593	22.84	ug/L		99
83) Bromoform	6.076	173	13495	19.44	ug/L		95
84) Isopropylbenzene	6.253	105	70352	22.66	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	10971	21.43	ug/L		95
88) n-Propylbenzene	6.564	91	87473	24.42	ug/L		98
89) Bromobenzene	6.539	156	19179	24.10	ug/L		98
90) 1,1,2,2-Tetrachloroethane	6.612	83	29840	25.76	ug/L		99
91) 1,3,5-Trimethylbenzene	6.716	105	57849	22.85	ug/L		99
92) 2-Chlorotoluene	6.680	91	48608	23.97	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.747	53	8903	21.07	ug/L		90
94) 1,2,3-Trichloropropane	6.716	110	9329	24.13	ug/L		88
95) Cyclohexanone	6.747	55	11549	103.90	ug/L		98
96) 4-Chlorotoluene	6.808	91	54339	23.59	ug/L		94
97) tert-Butylbenzene	6.960	91	31870	22.51	ug/L		98
98) 1,2,4-Trimethylbenzene	7.021	105	59234	22.56	ug/L		98
99) Pentachloroethane	6.978	167	10557	22.08	ug/L	#	1
100) sec-Butylbenzene	7.106	105	67688	23.48	ug/L		99
101) 4-Isopropyltoluene	7.216	119	55734	22.71	ug/L		96
102) 1,3-Dichlorobenzene	7.265	146	34509	24.08	ug/L		99
103) 1,2,3-Trimethylbenzene	7.356	105	60529	23.09	ug/L		100
104) 1,4-Dichlorobenzene	7.332	146	35810	24.48	ug/L		93
105) n-Butylbenzene	7.539	92	31383	23.13	ug/L		93
106) Benzyl Chloride	7.521	126	10665	20.20	ug/L		94
107) 1,2-Dichlorobenzene	7.649	146	32901	23.95	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 11:38:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

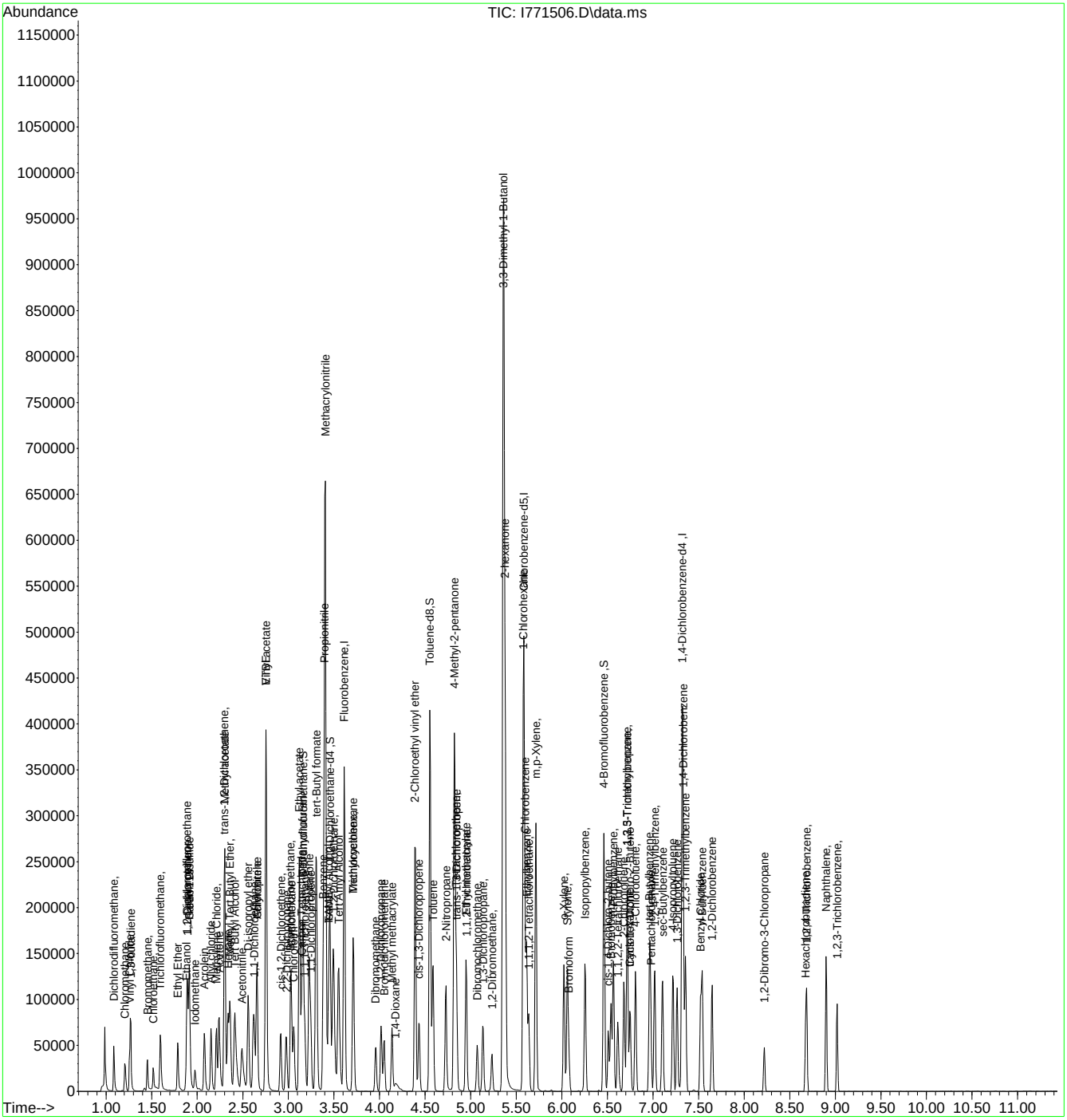
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	8123	21.48	ug/L	85
109) Hexachlorobutadiene	8.673	225	6457	21.87	ug/L	85
110) 1,2,4-Trichlorobenzene	8.685	180	18460	22.19	ug/L	99
111) Naphthalene	8.899	128	72673	22.25	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	17680	22.62	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 11:38:58 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

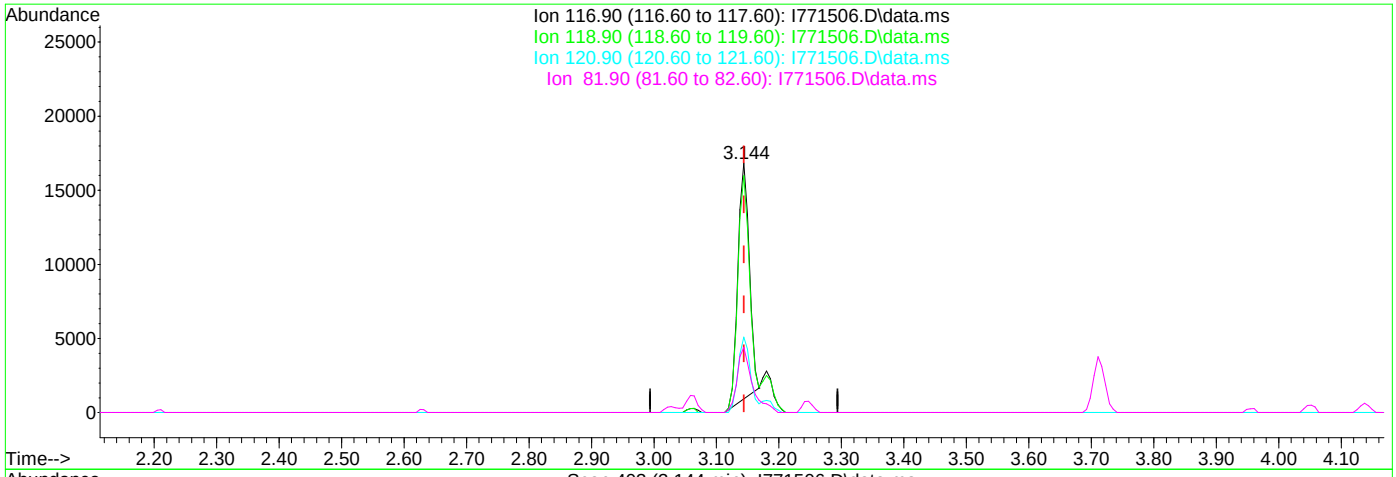
Sample Number: VI3572-IC3572
Lab FileID: I771506.D
Injection Time: 05/18/25 09:24
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

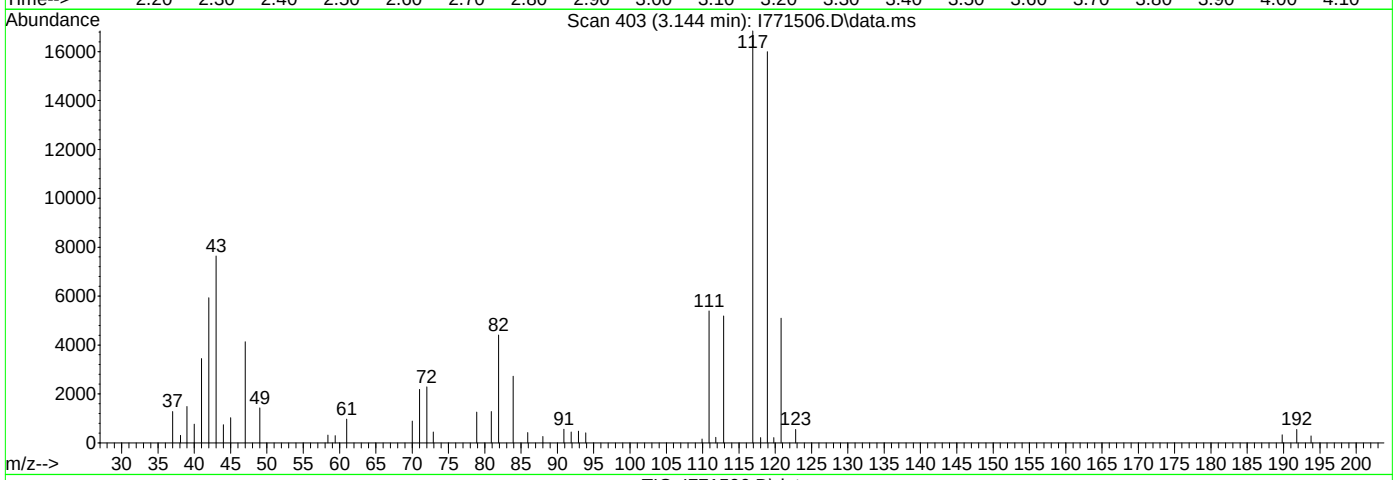
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 19.97ug/L

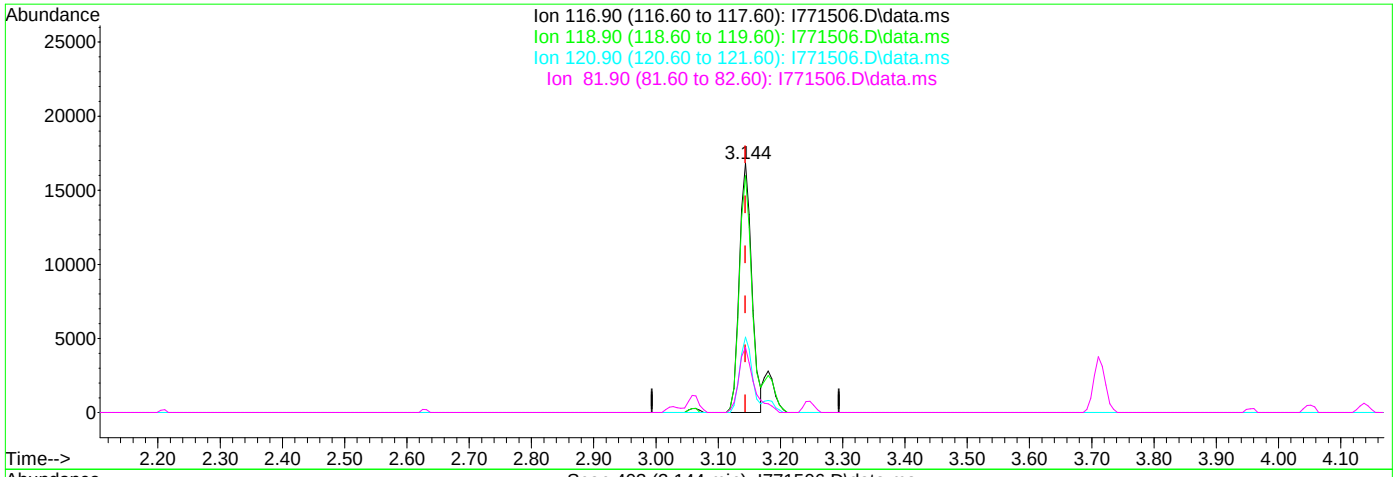
response 20555

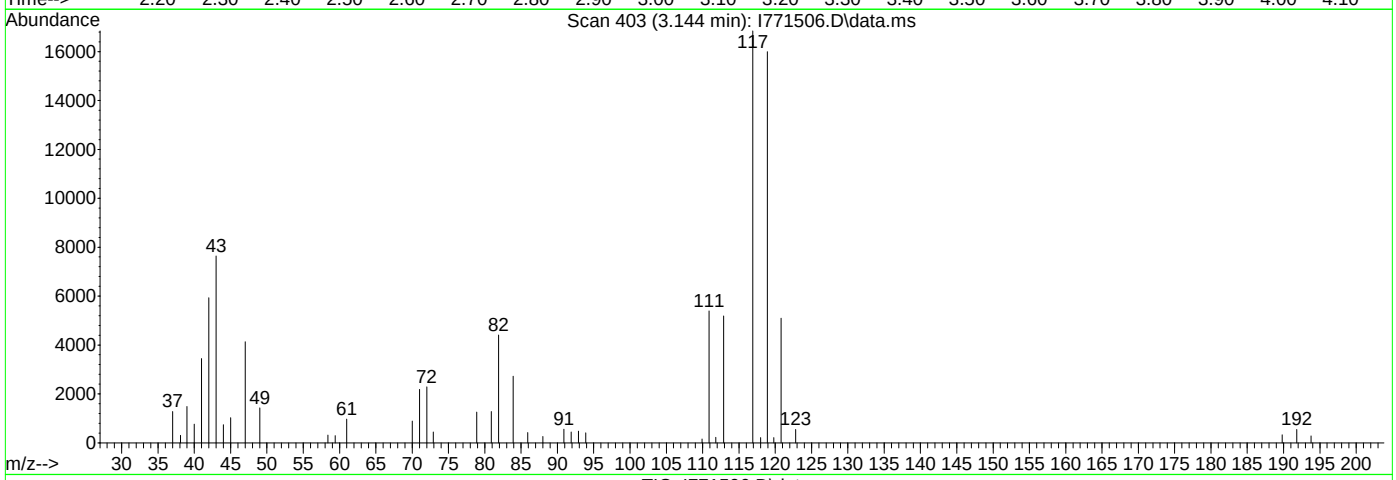
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	94.93
120.90	29.40	30.26
81.90	25.70	26.14

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 22.61ug/L m

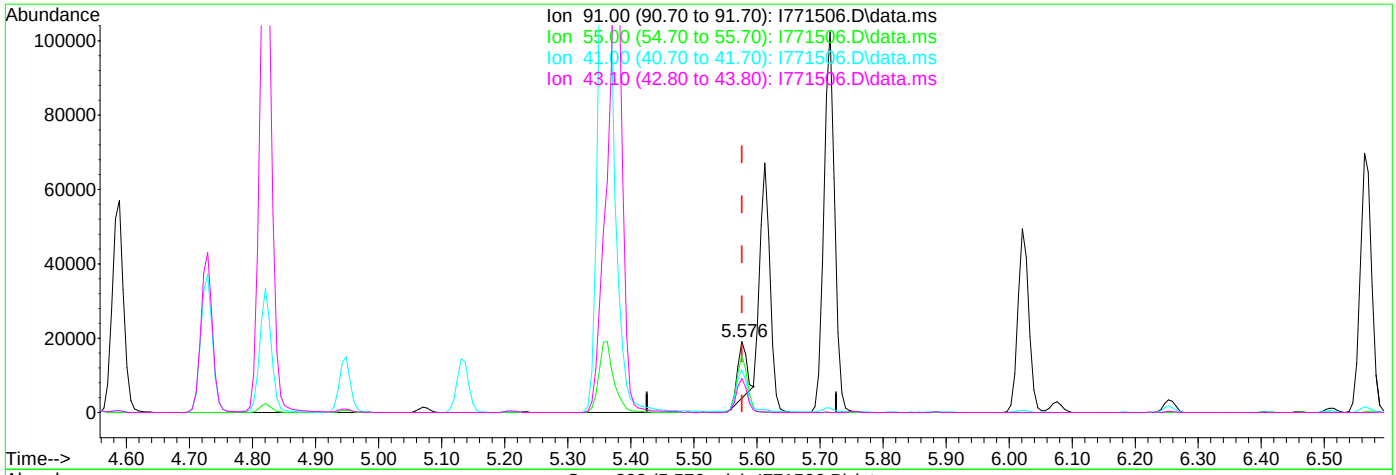
response 23271

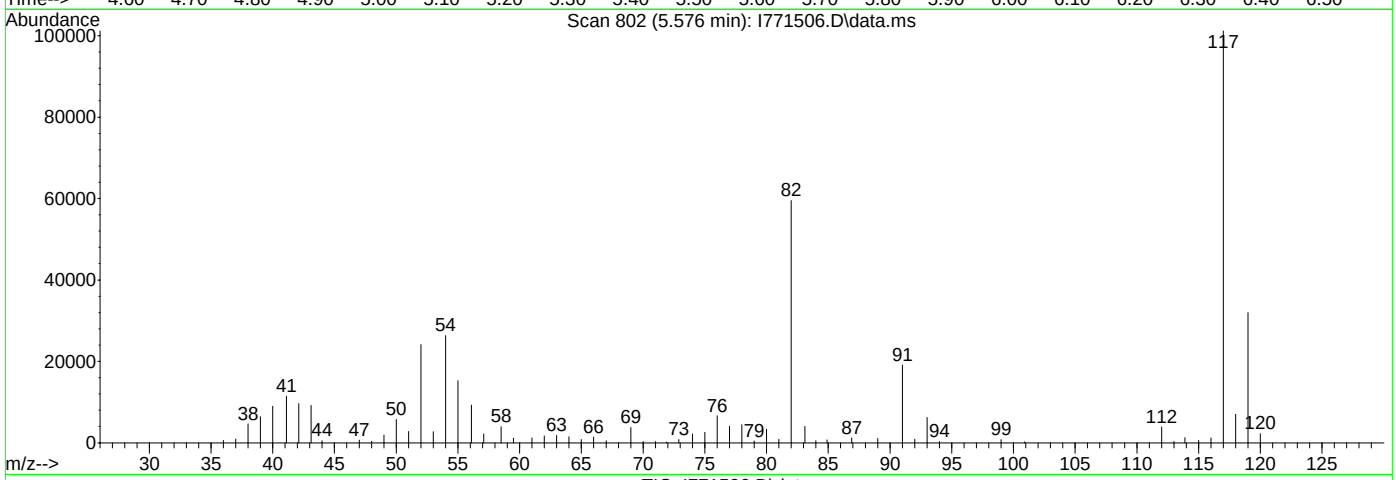
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	94.93
120.90	29.40	30.26
81.90	25.70	26.14

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 14.61ug/L

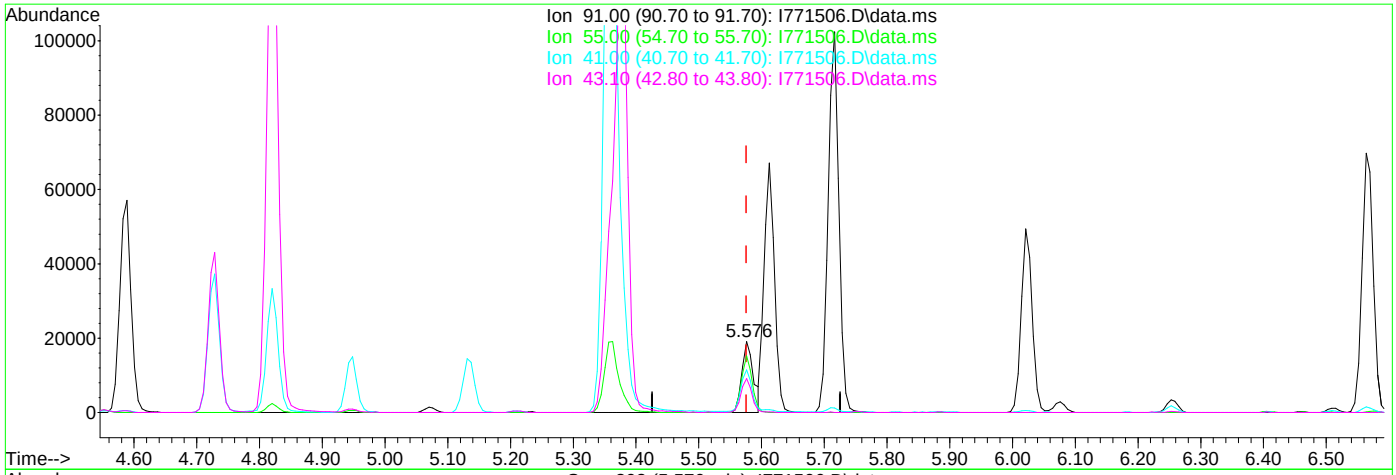
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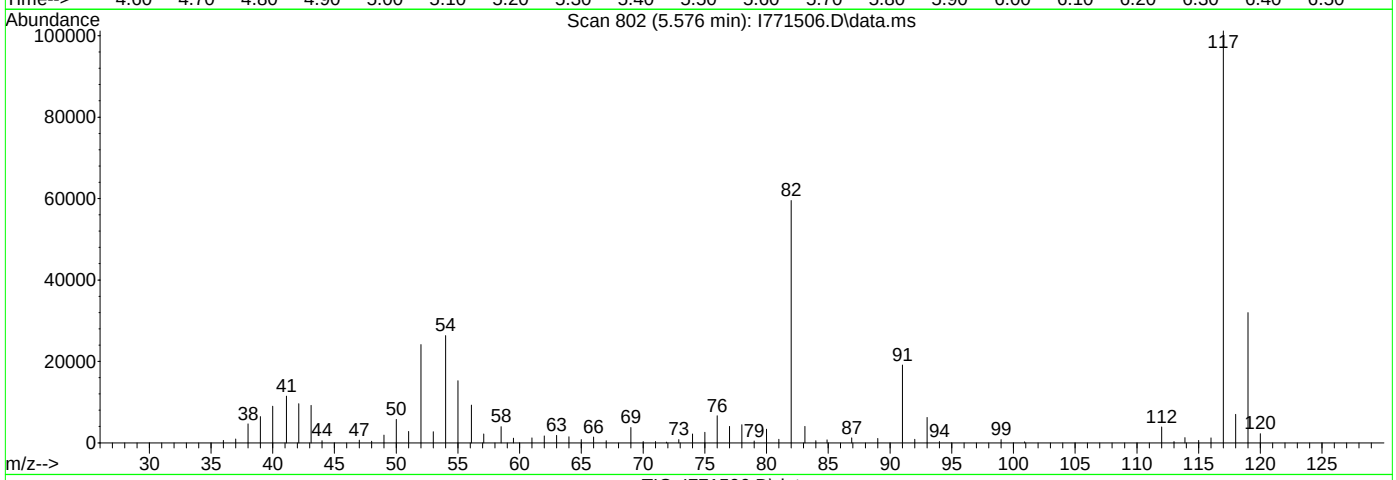
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	78.49
41.00	64.20	57.36
43.10	52.80	46.24

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 22.41ug/L m

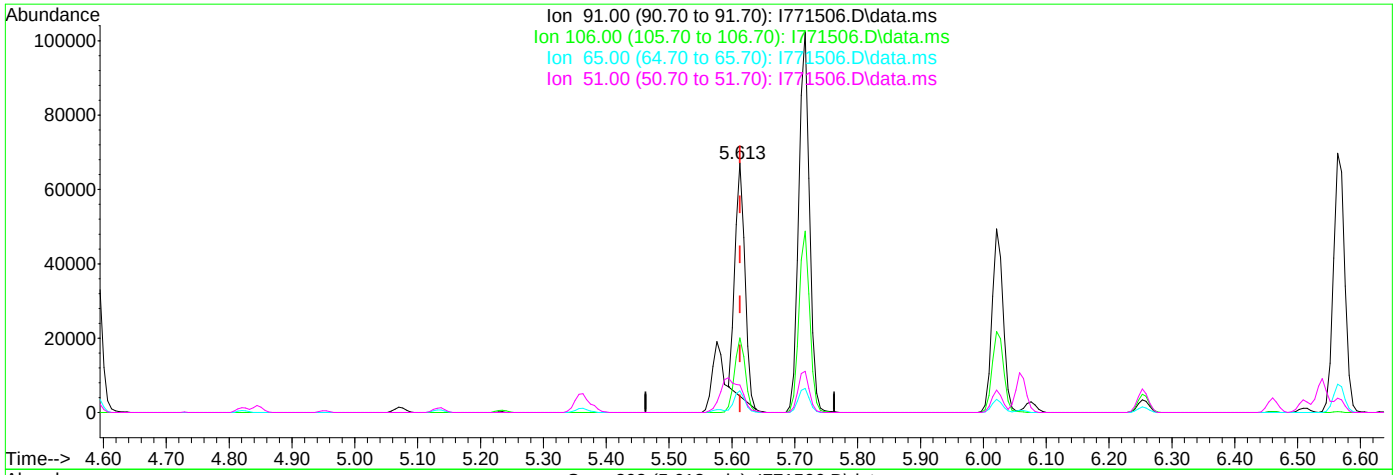
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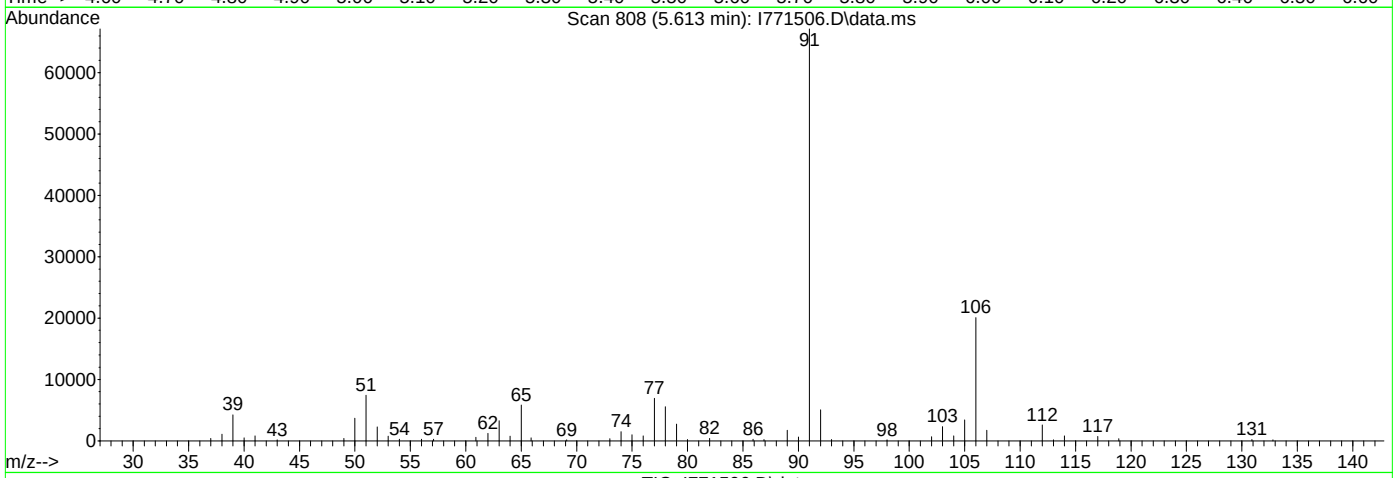
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	79.80
41.00	64.20	60.03
43.10	52.80	48.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 19.54ug/L

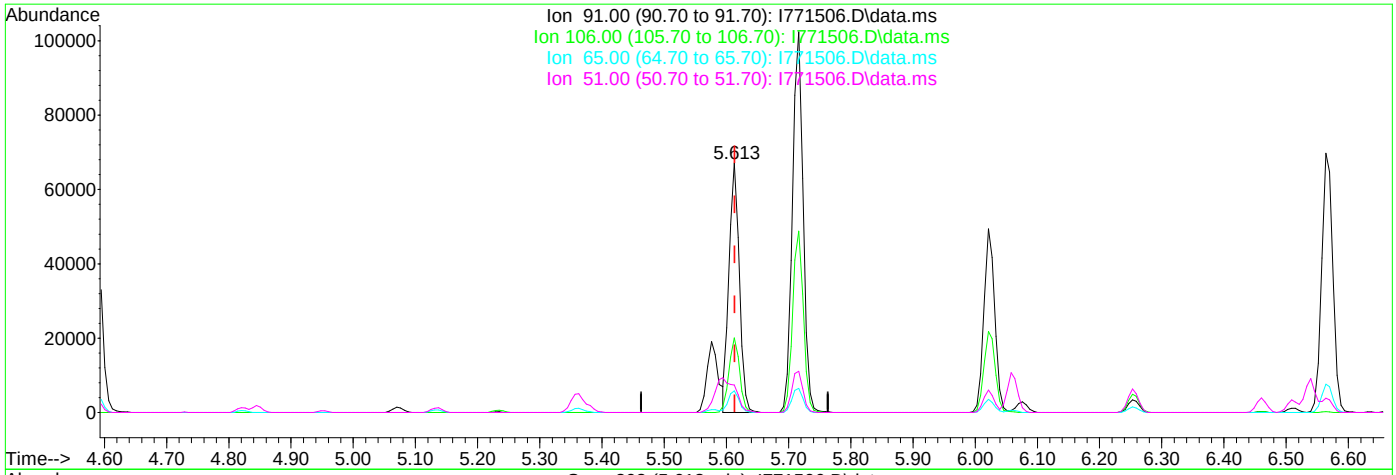
response 66991

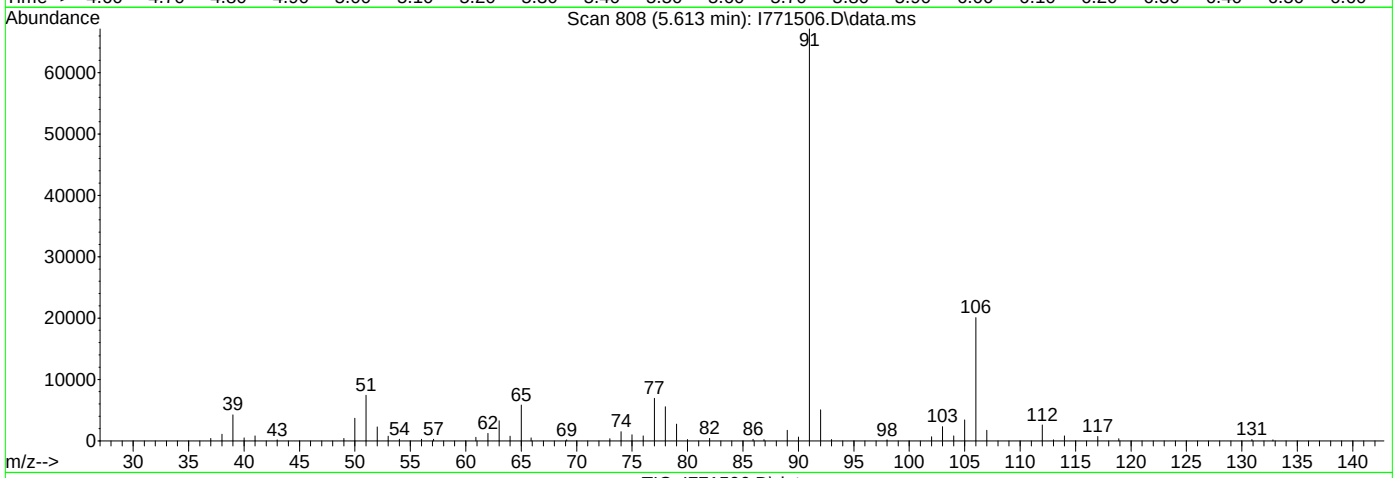
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.85
65.00	9.50	8.59
51.00	11.40	10.44

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 22.60ug/L m

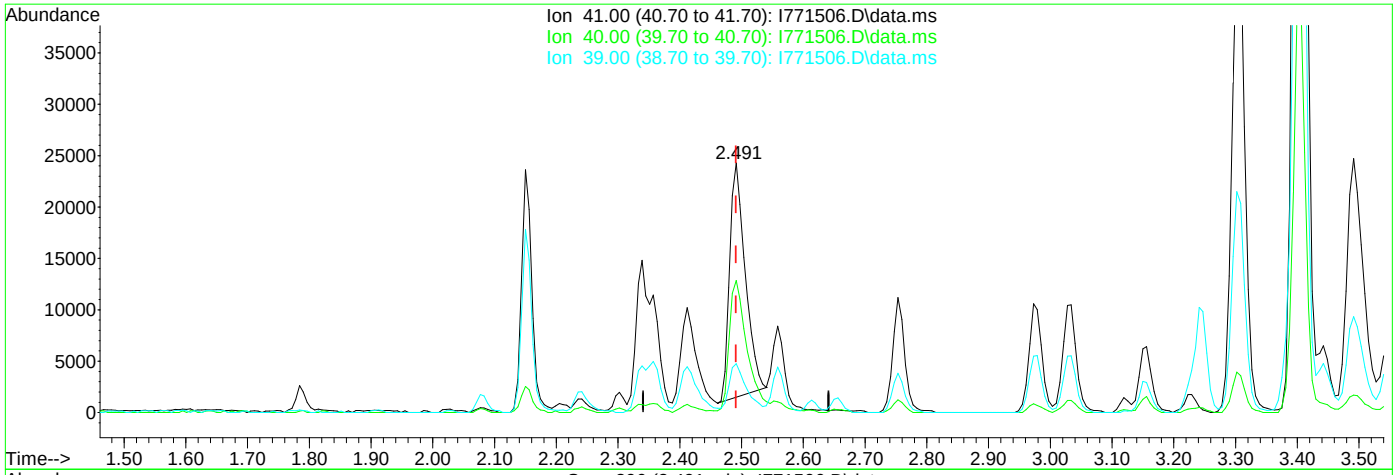
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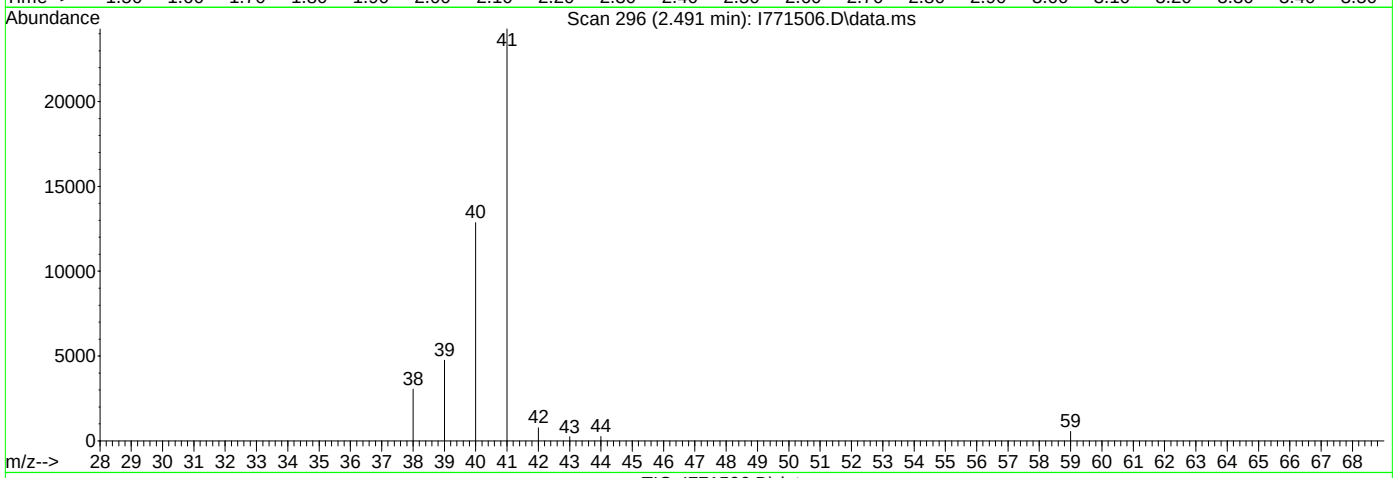
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.91
65.00	9.50	8.68
51.00	11.40	11.05

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 178.88ug/L

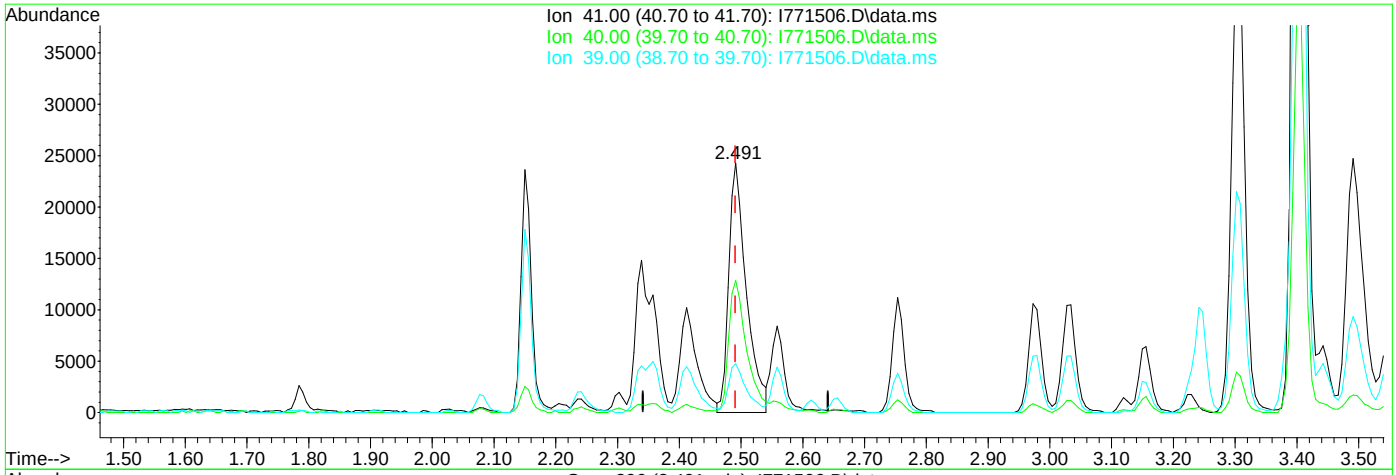
response 40110

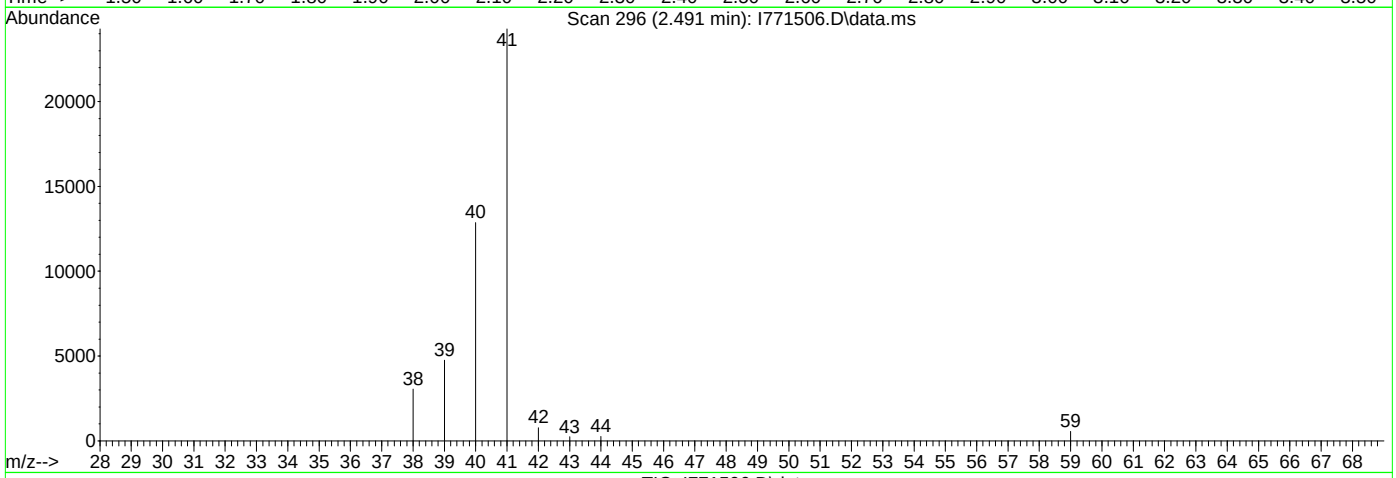
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.24
39.00	20.00	18.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771506.D
Acq On : 18 May 2025 9:24 am
Operator : jeniferw
Sample : IC3572-4 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 18 10:48:22 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771506.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 214.43ug/L m

response 48044

Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.93
39.00	20.00	19.58
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 11:39:48 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	198773	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	148737	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	73555	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	56508	49.24	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.48%		
49) 1,2-Dichloroethane-d4	3.461	65	68741	49.51	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	99.02%		
63) Toluene-d8	4.552	98	190111	49.22	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	98.44%		
86) 4-Bromofluorobenzene	6.466	174	55175	47.62	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	95.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	40141	39.25	ug/L	98
3) Chloromethane	1.205	50	34911	37.97	ug/L	98
4) 1,3-butadiene	1.266	39	29112	37.18	ug/L	97
5) Vinyl Chloride	1.254	62	35703	39.77	ug/L	100
6) Bromomethane	1.455	94	19084	40.15	ug/L	100
7) Chloroethane	1.516	64	16143	48.91	ug/L	96
8) Trichlorofluoromethane	1.595	101	51653	45.62	ug/L	96
9) Ethyl Ether	1.784	59	28914	38.90	ug/L	96
10) Ethanol	1.876	45	21712	749.90	ug/L	93
11) 1,2-Dichlorotrifluoroe...	1.888	67	35133	41.13	ug/L	99
12) 1,1-Dichloroethene	1.894	61	45413	43.29	ug/L	94
13) Freon 113	1.912	101	28050	44.62	ug/L	92
14) Carbon Disulfide	1.912	76	88188	40.08	ug/L	96
15) Iodomethane	1.973	142	28619	40.86	ug/L	95
16) Acrolein	2.077	56	54530	197.04	ug/L	98
17) Allyl chloride	2.150	41	44160	33.11	ug/L	99
18) Methylene Chloride	2.211	49	41506	38.97	ug/L	96
19) Acetone	2.241	43	112814	188.52	ug/L	100
20) Methyl acetate	2.302	43	248387	174.88	ug/L	97
21) trans-1,2-Dichloroethene	2.296	61	42238	41.57	ug/L	93
22) Hexane	2.339	56	23839	39.66	ug/L #	74
23) Methyl Tert Butyl Ether	2.357	73	90880	37.29	ug/L #	58
24) Acetonitrile	2.491	41	75647m	345.23	ug/L	
25) Tert Butyl Alcohol	2.412	59	142909	356.73	ug/L	79
26) Di-isopropyl ether	2.559	45	94549	35.33	ug/L	98
27) Chloroprene	2.656	53	115402	38.56	ug/L	82
28) 1,1-Dichloroethane	2.626	63	52259	40.55	ug/L	97
29) Acrylonitrile	2.656	52	90723	195.22	ug/L #	68
30) ETBE	2.754	59	97053	38.29	ug/L	96
31) Vinyl acetate	2.754	43	438196	182.47	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	29209	39.56	ug/L	90
33) 2,2-Dichloropropane	2.979	77	41257	35.50	ug/L	97
34) Bromochloromethane	3.028	128	14652	39.47	ug/L	91
35) Cyclohexane	3.034	56	45863	38.03	ug/L	95
36) Chloroform	3.058	83	54521	41.41	ug/L	96
37) Ethyl acetate	3.119	43	307128	183.38	ug/L	99
38) Tetrahydrofuran	3.156	42	23754	33.74	ug/L	94
40) Carbon Tetrachloride	3.144	117	37826m	37.46	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	43147	40.86	ug/L	96
42) 2-Butanone	3.229	43	185610	183.50	ug/L	94
43) 1,1-Dichloropropene	3.247	75	34311	41.54	ug/L	94
44) tert-Butyl formate	3.308	59	143829	165.08	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 11:39:48 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	104126	391.18	ug/L	#	36
46) Methacrylonitrile	3.406	41	333525	376.49	ug/L		97
47) Benzene	3.382	78	110897	41.54	ug/L		98
48) TAME	3.442	73	86772	36.49	ug/L	#	65
50) 1,2-Dichloroethane	3.497	62	42466	39.26	ug/L		98
51) Isobutyl Alcohol	3.442	43	25295	647.72	ug/L		73
52) Tert Amyl Alcohol	3.552	59	112528	336.34	ug/L		99
53) Trichloroethene	3.711	95	29537	38.02	ug/L		96
54) Methylcyclohexane	3.711	83	40286	37.48	ug/L		96
55) Dibromomethane	3.961	93	21432	39.29	ug/L		98
56) 1,2-Dichloropropane	4.016	63	29633	40.56	ug/L		98
57) Bromodichloromethane	4.052	83	41131	39.33	ug/L		99
58) Methyl methacrylate	4.137	41	38459	34.04	ug/L		93
59) 1,4-Dioxane	4.180	88	17125	765.16	ug/L		97
60) 2-Chloroethyl vinyl ether	4.394	63	134903	201.48	ug/L		94
61) cis-1,3-Dichloropropene	4.436	75	48108	38.77	ug/L		92
64) Toluene	4.589	91	115540	39.11	ug/L		99
65) 2-Nitropropane	4.729	41	79574	148.51	ug/L		98
66) 4-Methyl-2-pentanone	4.820	43	297910	176.82	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	48235	38.04	ug/L		94
68) Tetrachloroethene	4.839	166	27619	38.83	ug/L		95
69) Ethyl methacrylate	4.948	69	45038	36.52	ug/L		87
70) 1,1,2-Trichloroethane	4.954	83	24551	40.43	ug/L		93
71) Dibromochloromethane	5.070	129	31291	35.23	ug/L		96
72) 1,3-Dichloropropane	5.137	76	48279	39.79	ug/L		90
73) 1,2-Dibromoethane	5.235	107	31978	38.12	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.363	57	636143	1823.86	ug/L		96
75) 2-hexanone	5.375	43	358984	176.72	ug/L		95
76) 1-Chlorohexane	5.576	91	39801m	36.55	ug/L		
77) Ethylbenzene	5.613	91	127143m	37.26	ug/L		
78) Chlorobenzene	5.595	112	73643	38.53	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.637	131	27056	36.77	ug/L		98
80) m,p-Xylene	5.716	91	198606	76.89	ug/L		99
81) o-Xylene	6.021	91	97124	37.04	ug/L		99
82) Styrene	6.058	104	74800	37.64	ug/L		99
83) Bromoform	6.076	173	22404	32.43	ug/L		96
84) Isopropylbenzene	6.253	105	115210	37.28	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.509	53	18473	36.14	ug/L		97
88) n-Propylbenzene	6.564	91	142367	39.79	ug/L		97
89) Bromobenzene	6.539	156	30769	38.71	ug/L		97
90) 1,1,2,2-Tetrachloroethane	6.613	83	47914	41.42	ug/L		99
91) 1,3,5-Trimethylbenzene	6.716	105	95665	37.83	ug/L		100
92) 2-Chlorotoluene	6.680	91	78151	38.59	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	14206	33.67	ug/L	#	82
94) 1,2,3-Trichloropropane	6.716	110	14967	38.76	ug/L		85
95) Cyclohexanone	6.747	55	19039	171.51	ug/L		96
96) 4-Chlorotoluene	6.808	91	88629	38.53	ug/L		94
97) tert-Butylbenzene	6.960	91	52458	37.09	ug/L		97
98) 1,2,4-Trimethylbenzene	7.021	105	97859	37.33	ug/L		98
99) Pentachloroethane	6.978	167	17582	36.83	ug/L	#	1
100) sec-Butylbenzene	7.106	105	112164	38.96	ug/L		99
101) 4-Isopropyltoluene	7.222	119	92627	37.79	ug/L		96
102) 1,3-Dichlorobenzene	7.265	146	55965	39.11	ug/L		97
103) 1,2,3-Trimethylbenzene	7.356	105	98682	37.70	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	57190	39.14	ug/L		96
105) n-Butylbenzene	7.539	92	51710	38.16	ug/L		93
106) Benzyl Chloride	7.521	126	17307	32.82	ug/L		98
107) 1,2-Dichlorobenzene	7.649	146	53216	38.79	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 11:39:48 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

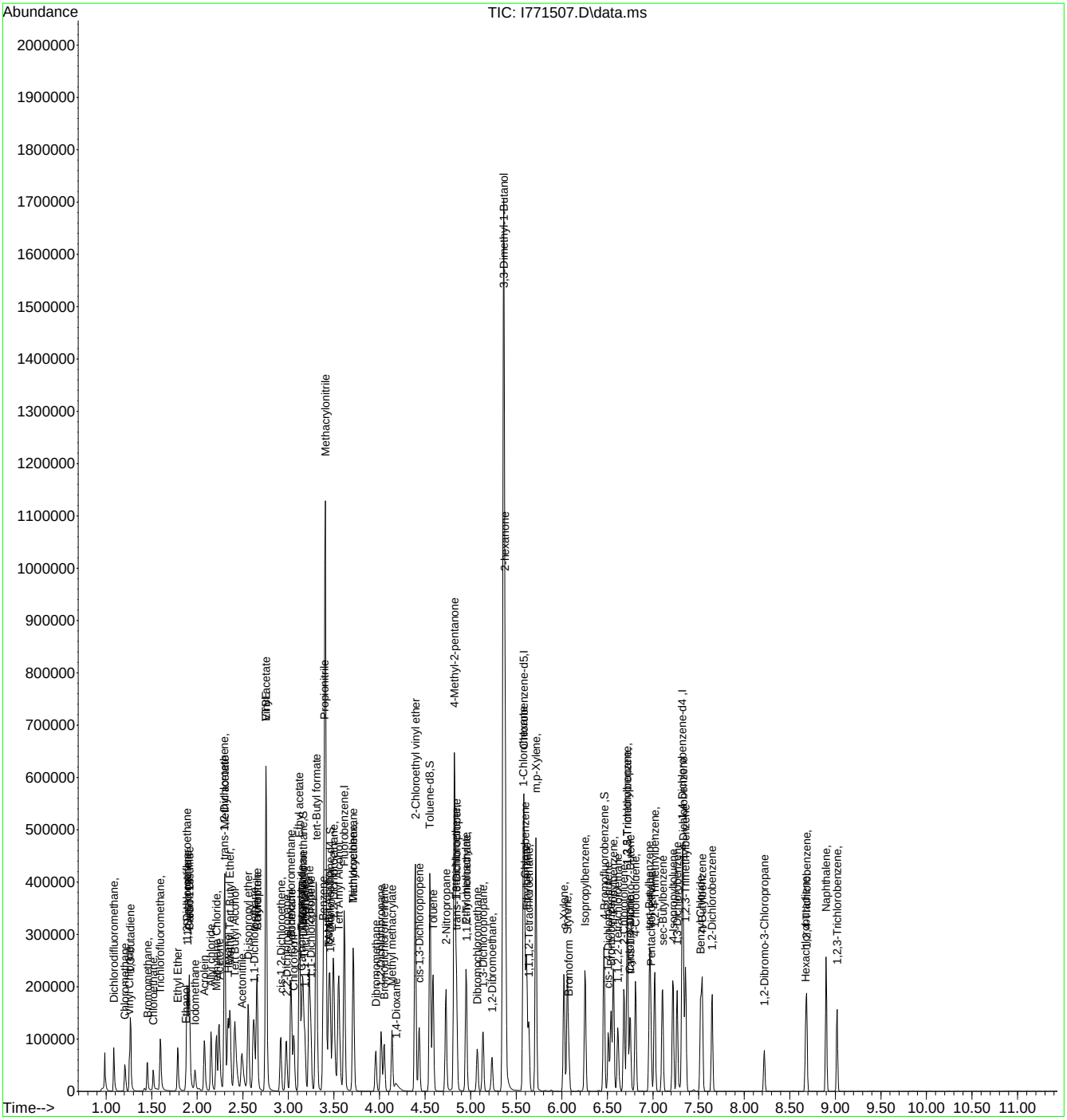
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	13144	34.80	ug/L	88
109) Hexachlorobutadiene	8.673	225	10639	36.08	ug/L	86
110) 1,2,4-Trichlorobenzene	8.685	180	30261	36.42	ug/L	96
111) Naphthalene	8.899	128	120830	37.04	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	28849	36.96	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
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Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
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Manual Integration Approval Summary

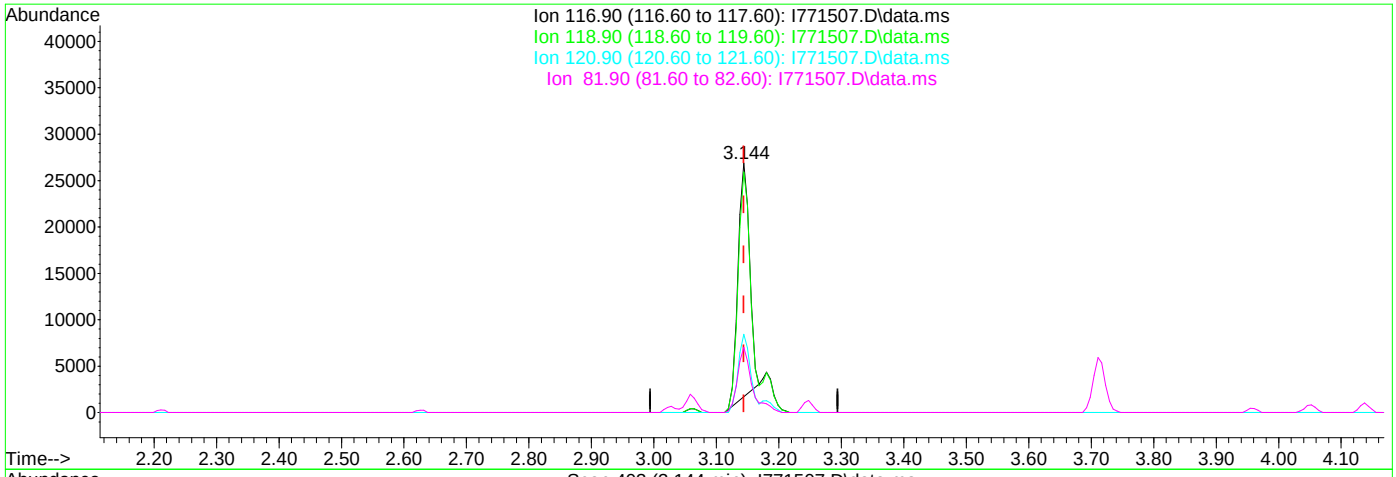
Sample Number: VI3572-ICC3572 **Method:** SW846 8260D
Lab FileID: I771507.D **Analyst approved:** 05/18/25 13:42 Jenifer Willis
Injection Time: 05/18/25 09:40 **Supervisor approved:** 05/19/25 09:19 Karen Watson

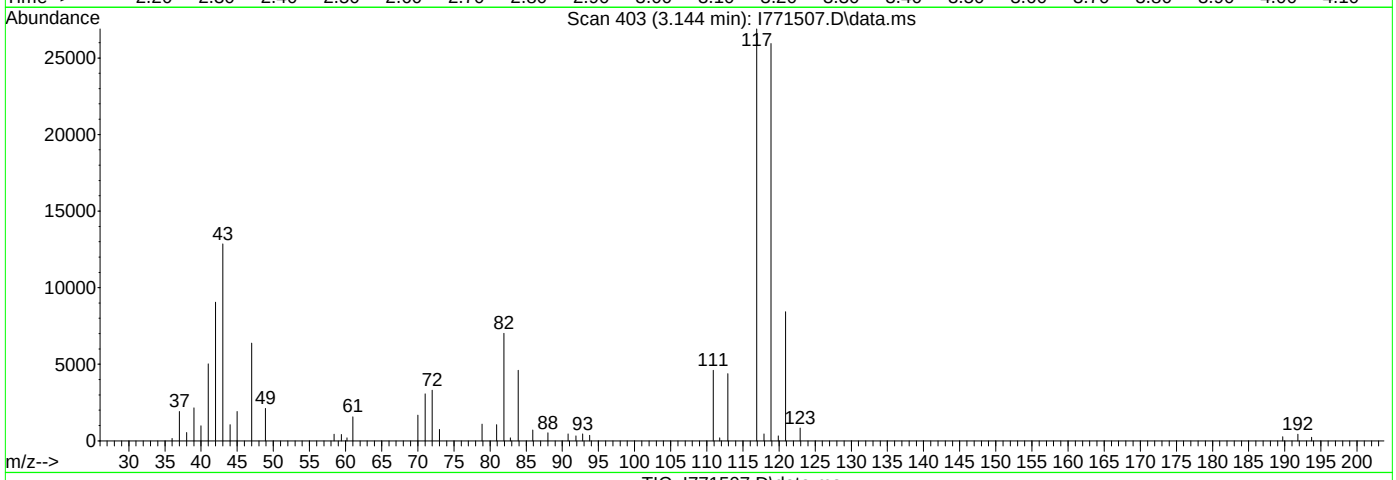
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
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Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 32.45ug/L

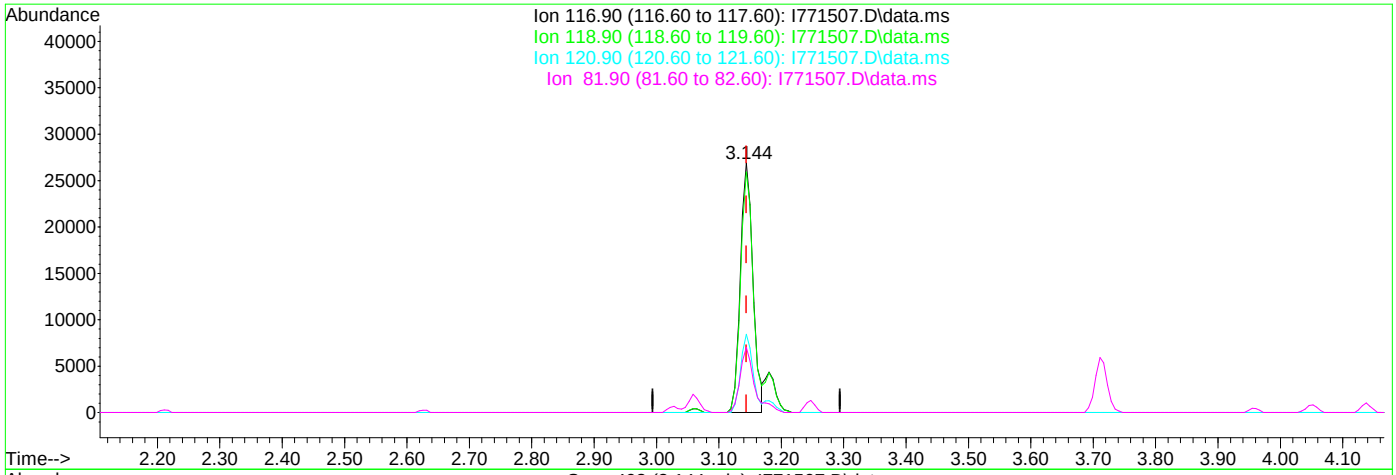
response 32771

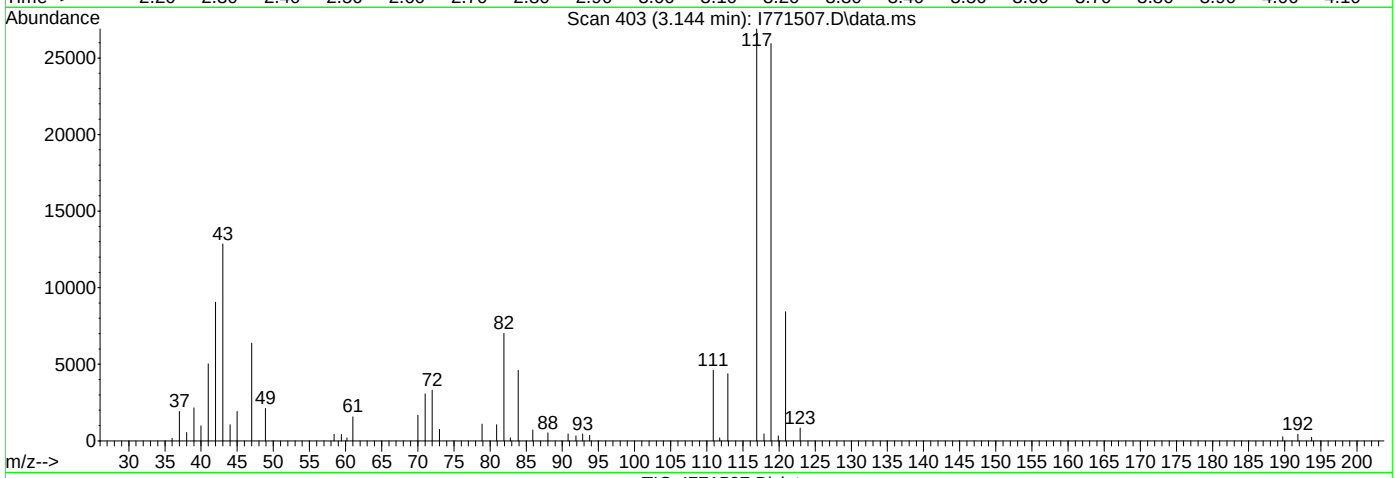
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.40
120.90	29.40	31.32
81.90	25.70	26.09

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 37.46ug/L m

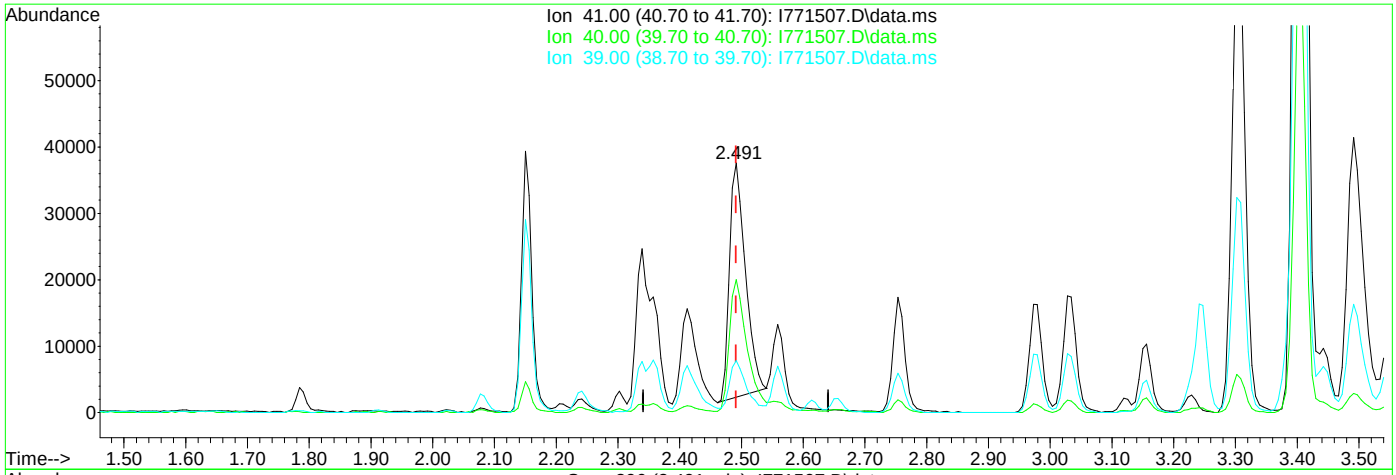
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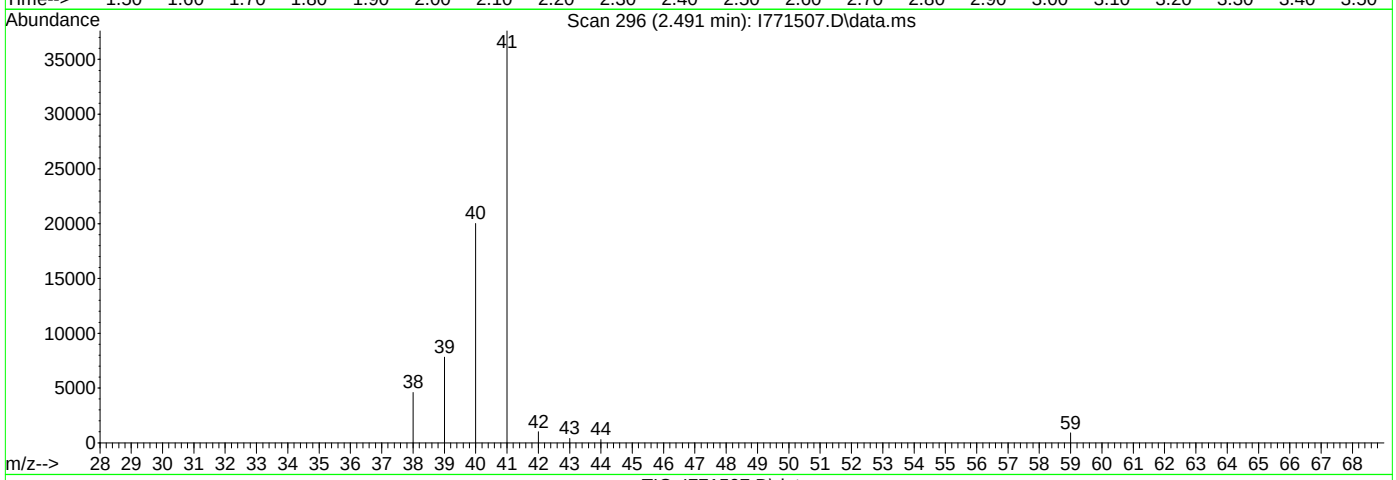
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.40
120.90	29.40	31.32
81.90	25.70	26.09

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 289.06ug/L

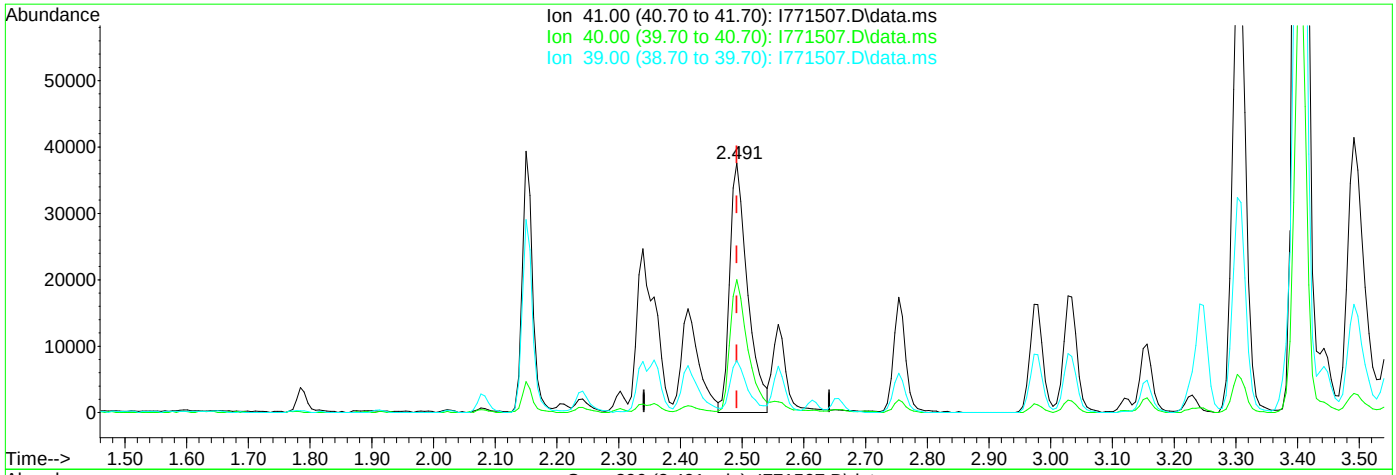
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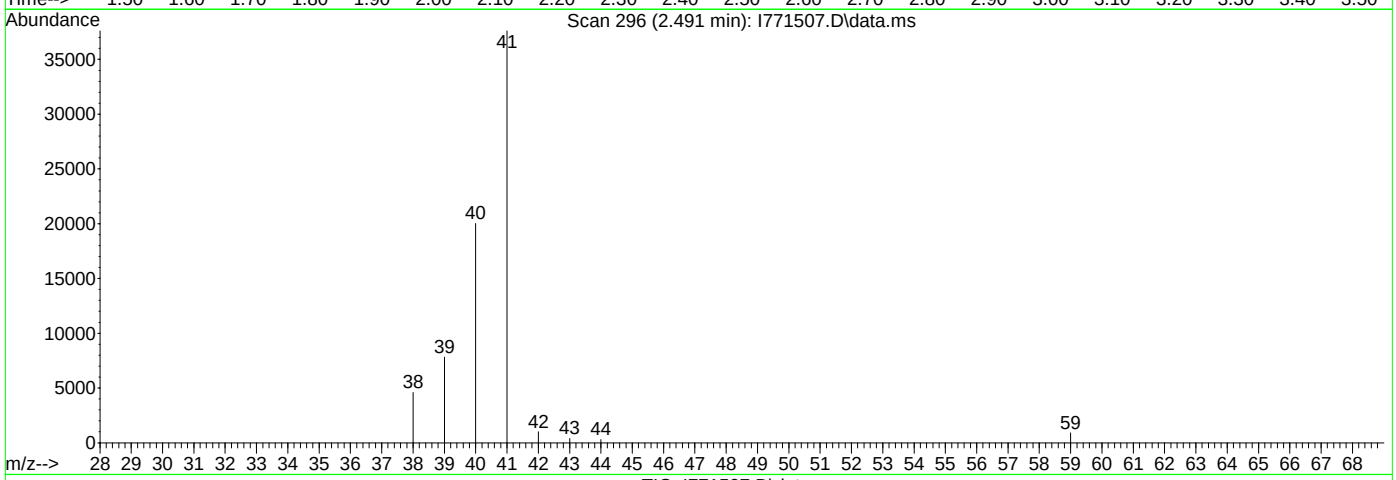
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.94
39.00	20.00	19.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 345.23ug/L m

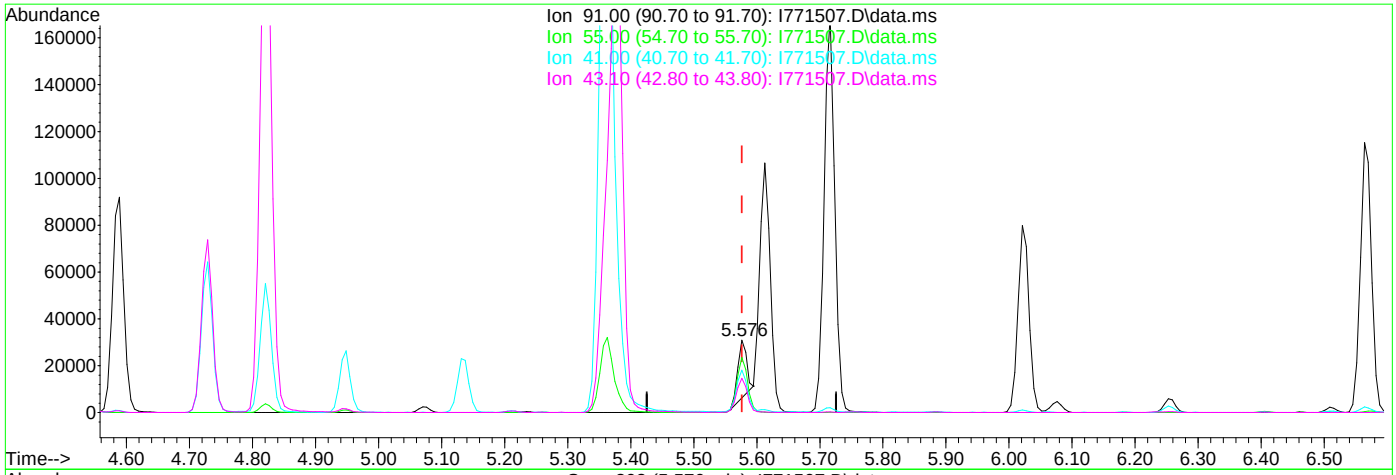
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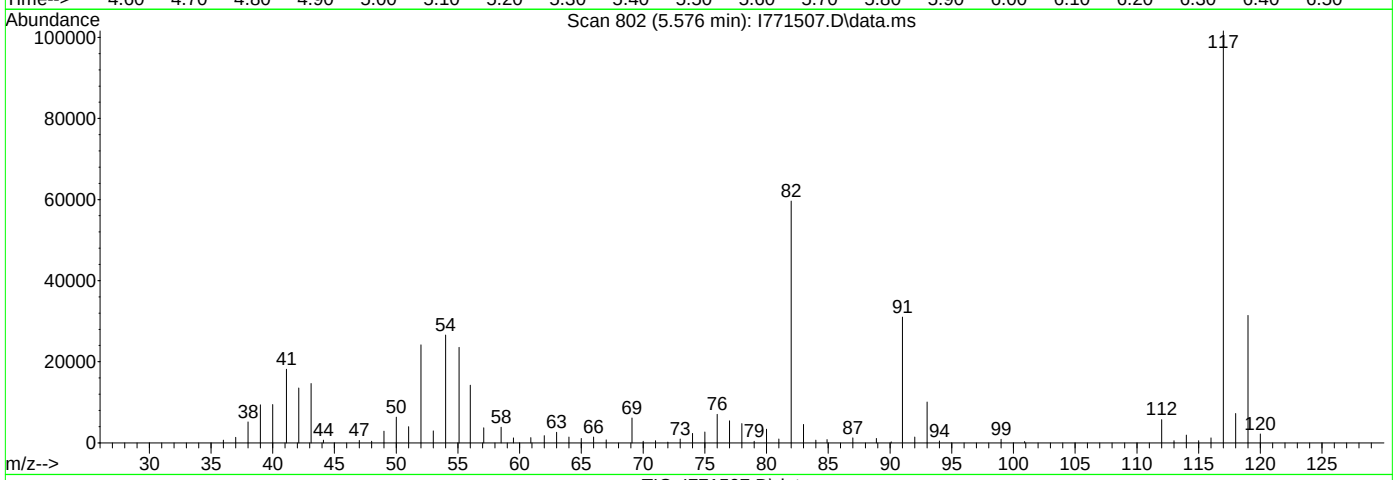
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.27
39.00	20.00	20.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 23.80ug/L

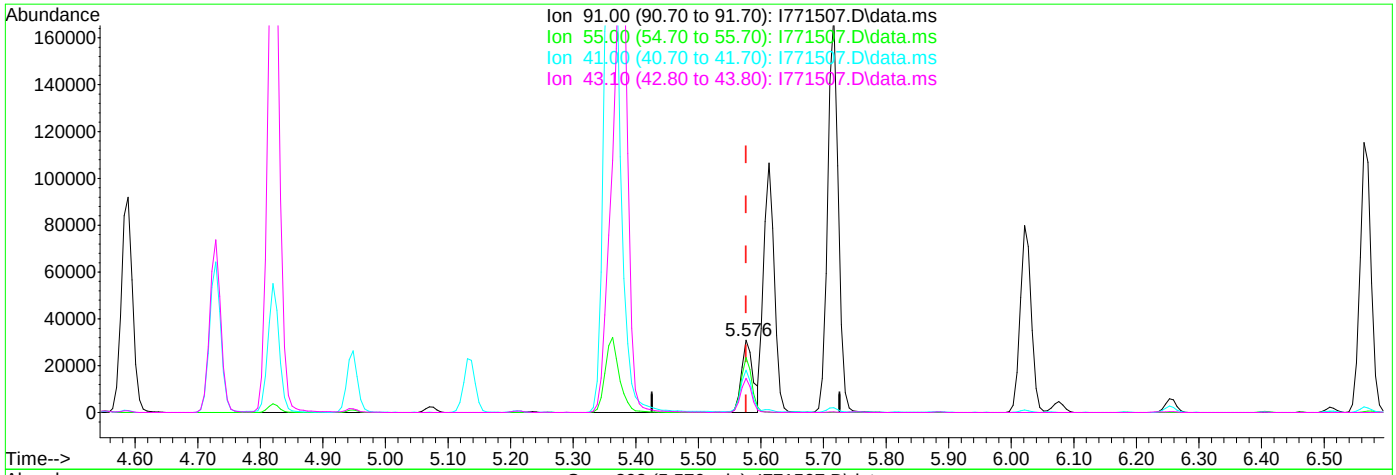
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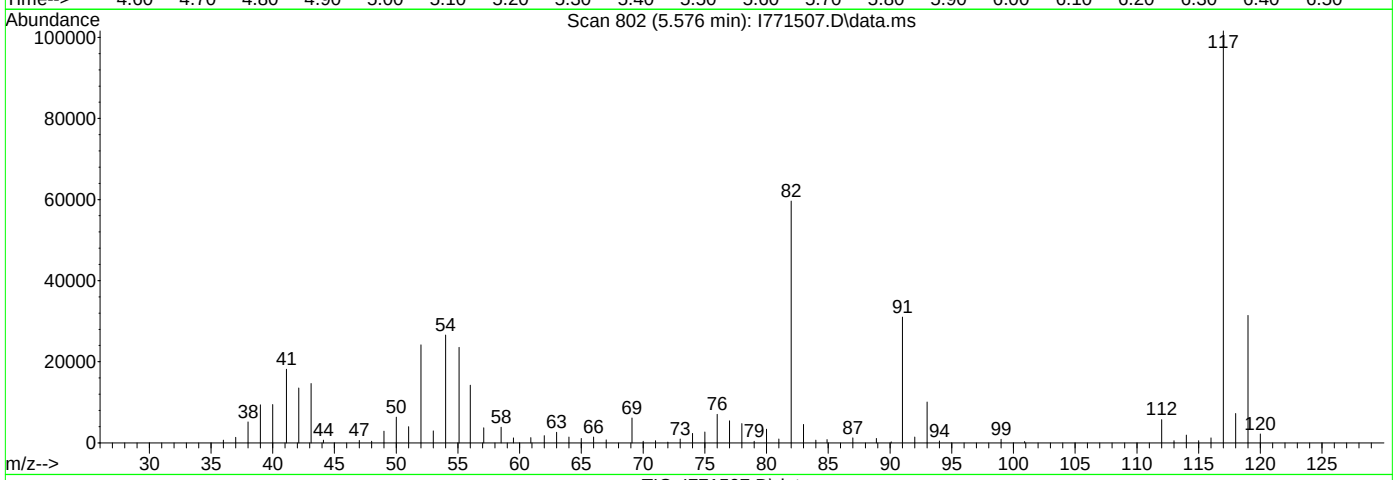
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	74.70
41.00	64.20	56.15
43.10	52.80	45.88

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 36.55ug/L m

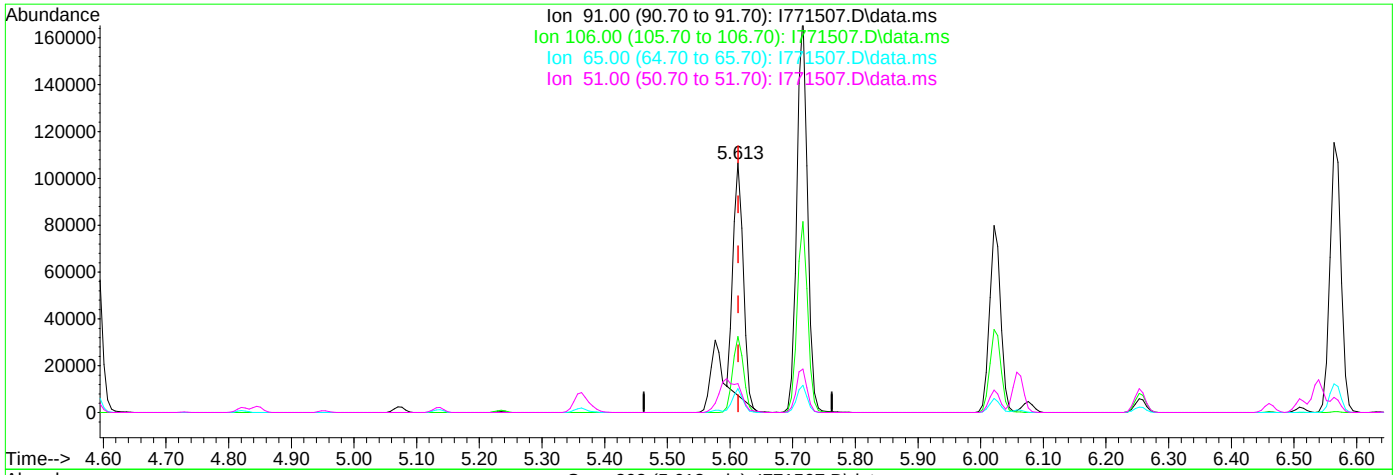
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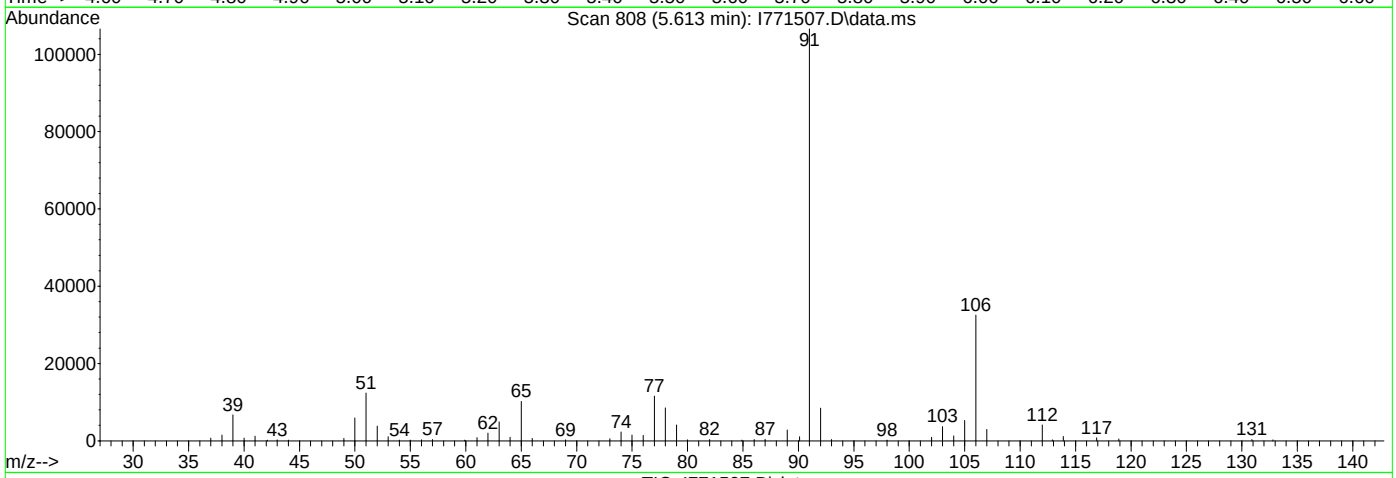
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	76.01
41.00	64.20	58.51
43.10	52.80	47.16

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 32.07ug/L

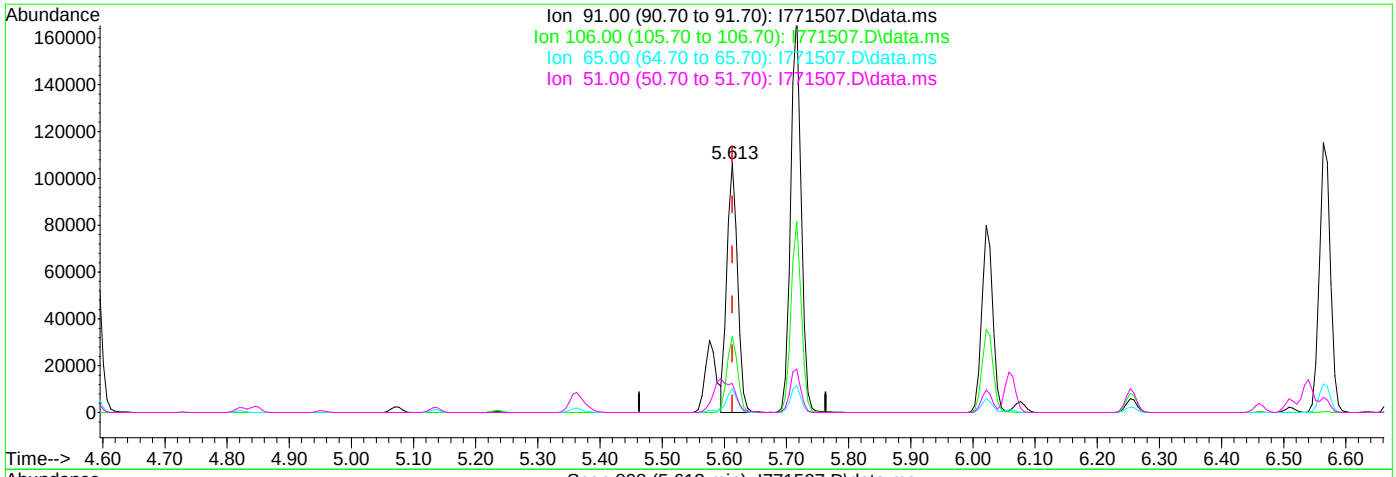
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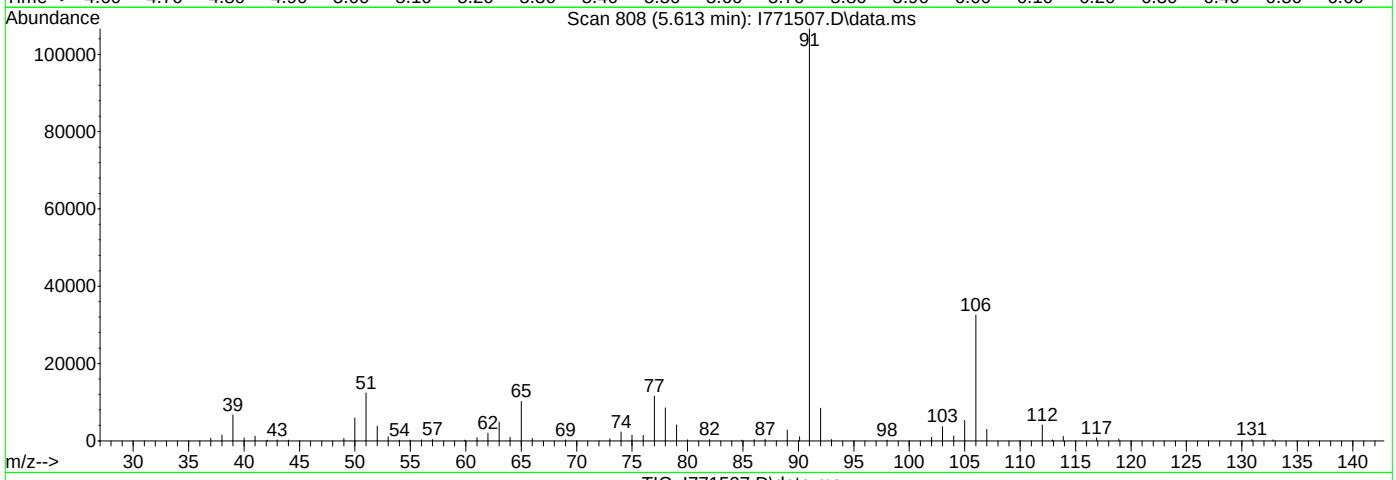
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.47
65.00	9.50	9.59
51.00	11.40	11.20

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771507.D
Acq On : 18 May 2025 9:40 am
Operator : jeniferw
Sample : ICC3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 18 10:48:24 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771507.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 37.26ug/L m

response 127143

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.51
65.00	9.50	9.54
51.00	11.40	11.63

I771508.D

Manual Integrations APPROVED (compounds with "m" flag)

Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 11:40:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.619	96	202218	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.582	117	151540	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	75717	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.162	113	57150	48.95	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 97.90%				
49) 1,2-Dichloroethane-d4	3.461	65	64569	45.72	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 91.44%				
63) Toluene-d8	4.558	98	192632	48.95	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 97.90%				
86) 4-Bromofluorobenzene	6.466	174	56410	47.30	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 94.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	67251	64.63	ug/L		97
3) Chloromethane	1.211	50	58982	63.06	ug/L		98
4) 1,3-butadiene	1.272	39	48361	60.70	ug/L		97
5) Vinyl Chloride	1.266	62	60990	66.78	ug/L		99
6) Bromomethane	1.461	94	33962	70.23	ug/L		99
7) Chloroethane	1.522	64	26277	78.26	ug/L		98
8) Trichlorofluoromethane	1.601	101	73890	64.14	ug/L		98
9) Ethyl Ether	1.796	59	53181	70.34	ug/L		98
10) Ethanol	1.912	45	37207	1375.66	ug/L		74
11) 1,2-Dichlorotrifluoroe...	1.894	67	60675	69.83	ug/L		98
12) 1,1-Dichloroethene	1.894	61	79722	74.70	ug/L		95
13) Freon 113	1.918	101	47385	74.09	ug/L		95
14) Carbon Disulfide	1.912	76	155148	69.30	ug/L		99
15) Iodomethane	1.979	142	50198	69.16	ug/L		96
16) Acrolein	2.083	56	98800	350.93	ug/L		99
17) Allyl chloride	2.156	41	75550	55.68	ug/L		99
18) Methylene Chloride	2.211	49	72481	66.89	ug/L		99
19) Acetone	2.248	43	186311	306.04	ug/L		99
20) Methyl acetate	2.309	43	457037	316.30	ug/L		97
21) trans-1,2-Dichloroethene	2.302	61	73714	71.31	ug/L		93
22) Hexane	2.339	56	40105	65.58	ug/L	#	78
23) Methyl Tert Butyl Ether	2.363	73	162060	65.37	ug/L	#	53
24) Acetonitrile	2.498	41	128330m	578.74	ug/L		
25) Tert Butyl Alcohol	2.424	59	234422	575.19	ug/L		79
26) Di-isopropyl ether	2.565	45	166410	61.12	ug/L		98
27) Chloroprene	2.662	53	201363	66.13	ug/L		82
28) 1,1-Dichloroethane	2.632	63	90760	69.23	ug/L		98
29) Acrylonitrile	2.662	52	159318	336.98	ug/L	#	70
30) ETBE	2.760	59	171414	66.48	ug/L		96
31) Vinyl acetate	2.760	43	781969	320.08	ug/L		99
32) cis-1,2-Dichloroethene	2.918	96	50516	67.26	ug/L		94
33) 2,2-Dichloropropane	2.979	77	72303	61.15	ug/L		97
34) Bromochloromethane	3.028	128	25451	67.39	ug/L		94
35) Cyclohexane	3.034	56	77906	63.50	ug/L		97
36) Chloroform	3.064	83	93642	69.91	ug/L		97
37) Ethyl acetate	3.125	43	541729	317.94	ug/L		99
38) Tetrahydrofuran	3.162	42	39887	55.69	ug/L		95
40) Carbon Tetrachloride	3.144	117	66030m	64.28	ug/L		
41) 1,1,1-Trichloroethane	3.186	97	73096	68.04	ug/L		93
42) 2-Butanone	3.235	43	321855	312.78	ug/L		92
43) 1,1-Dichloropropene	3.247	75	59365	70.65	ug/L		98
44) tert-Butyl formate	3.308	59	257180	290.14	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 11:40:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.400	54	181940	671.87	ug/L	#	21
46) Methacrylonitrile	3.412	41	585973	650.19	ug/L		97
47) Benzene	3.388	78	191301	70.45	ug/L		98
48) TAME	3.449	73	152648	63.10	ug/L	#	64
50) 1,2-Dichloroethane	3.497	62	75203	68.34	ug/L		99
51) Isobutyl Alcohol	3.449	43	46910	1180.75	ug/L		72
52) Tert Amyl Alcohol	3.558	59	201602	592.32	ug/L		99
53) Trichloroethene	3.717	95	51936	65.71	ug/L		98
54) Methylcyclohexane	3.717	83	67810	62.02	ug/L		92
55) Dibromomethane	3.961	93	37630	67.81	ug/L		98
56) 1,2-Dichloropropane	4.022	63	51895	69.82	ug/L		97
57) Bromodichloromethane	4.052	83	72428	68.07	ug/L		98
58) Methyl methacrylate	4.137	41	67476	58.70	ug/L		93
59) 1,4-Dioxane	4.186	88	30493	1339.25	ug/L		88
60) 2-Chloroethyl vinyl ether	4.393	63	237106	348.09	ug/L		94
61) cis-1,3-Dichloropropene	4.436	75	85271	67.55	ug/L		93
64) Toluene	4.589	91	200037	66.46	ug/L		100
65) 2-Nitropropane	4.729	41	144253	264.23	ug/L		99
66) 4-Methyl-2-pentanone	4.826	43	527118	307.07	ug/L		98
67) trans-1,3-Dichloropropene	4.851	75	84869	65.69	ug/L		91
68) Tetrachloroethene	4.838	166	48257	66.59	ug/L		93
69) Ethyl methacrylate	4.948	69	80481	64.06	ug/L		88
70) 1,1,2-Trichloroethane	4.954	83	42883	69.32	ug/L		94
71) Dibromochloromethane	5.076	129	55734	61.59	ug/L		99
72) 1,3-Dichloropropane	5.137	76	84636	68.47	ug/L		92
73) 1,2-Dibromoethane	5.235	107	56829	66.50	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.369	57	1194817	3362.25	ug/L		97
75) 2-hexanone	5.381	43	655592	316.77	ug/L		96
76) 1-Chlorohexane	5.576	91	67580m	60.90	ug/L		
77) Ethylbenzene	5.613	91	224352m	64.52	ug/L		
78) Chlorobenzene	5.594	112	130658	67.10	ug/L		98
79) 1,1,1,2-Tetrachloroethane	5.637	131	47613	63.51	ug/L		97
80) m,p-Xylene	5.716	91	347851	132.18	ug/L		98
81) o-Xylene	6.021	91	173046	64.78	ug/L		98
82) Styrene	6.064	104	134034	66.21	ug/L		97
83) Bromoform	6.076	173	40377	57.36	ug/L		95
84) Isopropylbenzene	6.259	105	204068	64.80	ug/L		97
87) cis-1,4-Dichloro-2-butene	6.509	53	33392	63.46	ug/L		96
88) n-Propylbenzene	6.570	91	251588	68.31	ug/L		100
89) Bromobenzene	6.539	156	54624	66.76	ug/L		95
90) 1,1,2,2-Tetrachloroethane	6.613	83	86601	72.73	ug/L		98
91) 1,3,5-Trimethylbenzene	6.716	105	170870	65.64	ug/L		100
92) 2-Chlorotoluene	6.680	91	139914	67.12	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	25786	59.37	ug/L	#	79
94) 1,2,3-Trichloropropane	6.716	110	27304	68.69	ug/L		87
95) Cyclohexanone	6.753	55	35989	314.95	ug/L		96
96) 4-Chlorotoluene	6.808	91	158272	66.83	ug/L		96
97) tert-Butylbenzene	6.966	91	93818	64.45	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	175046	64.86	ug/L		98
99) Pentachloroethane	6.978	167	31361	63.81	ug/L	#	1
100) sec-Butylbenzene	7.106	105	198203	66.88	ug/L		98
101) 4-Isopropyltoluene	7.222	119	165686	65.67	ug/L		97
102) 1,3-Dichlorobenzene	7.265	146	98930	67.16	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	174804	64.87	ug/L		100
104) 1,4-Dichlorobenzene	7.332	146	100699	66.95	ug/L		97
105) n-Butylbenzene	7.539	92	92816	66.55	ug/L		93
106) Benzyl Chloride	7.521	126	32145	59.21	ug/L		98
107) 1,2-Dichlorobenzene	7.649	146	94996	67.27	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 11:40:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

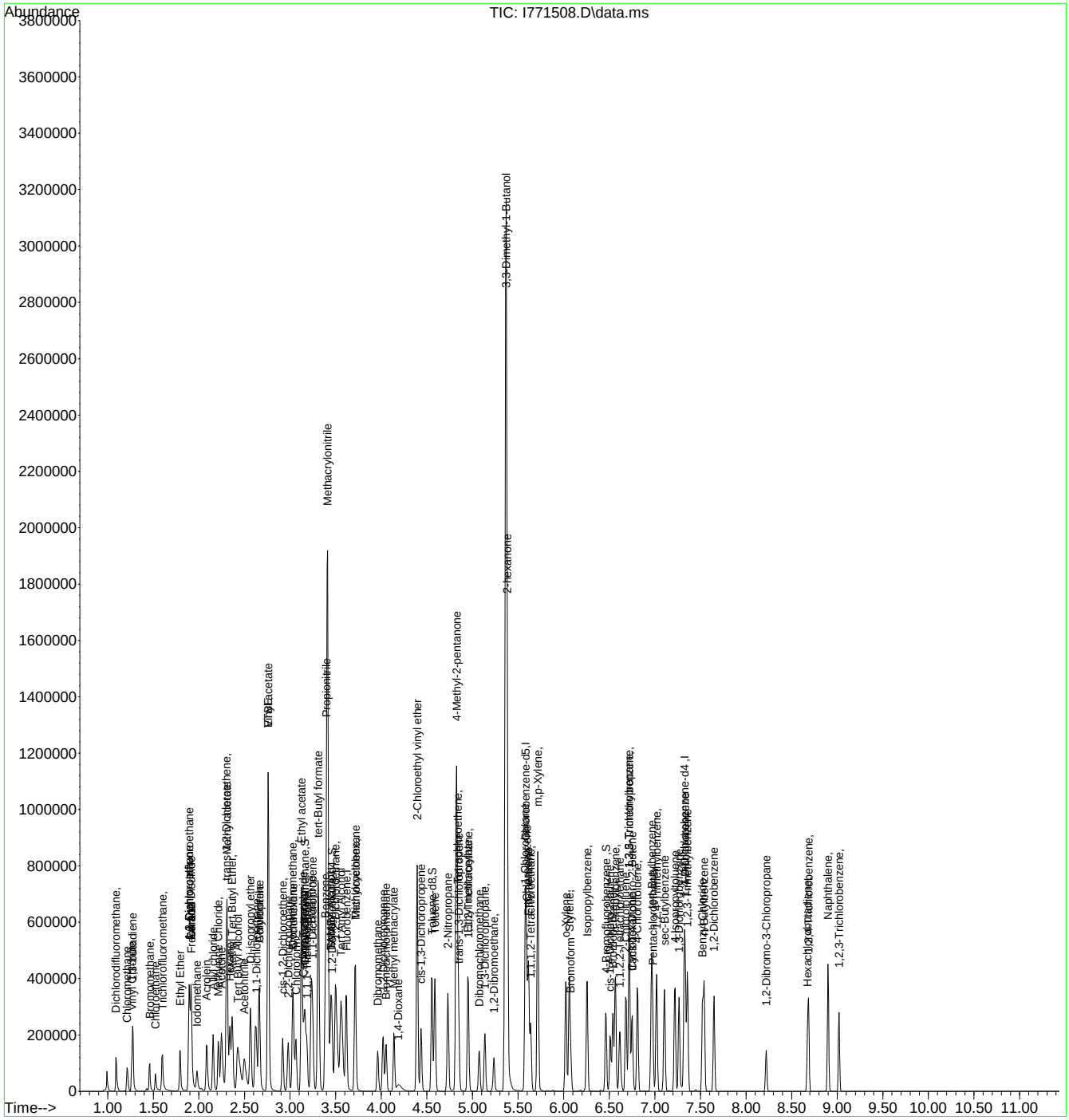
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	24295	62.49	ug/L	89
109) Hexachlorobutadiene	8.673	225	17955	59.14	ug/L	86
110) 1,2,4-Trichlorobenzene	8.685	180	53715	62.80	ug/L	98
111) Naphthalene	8.899	128	218848	65.16	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	51311	63.86	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
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Manual Integration Approval Summary

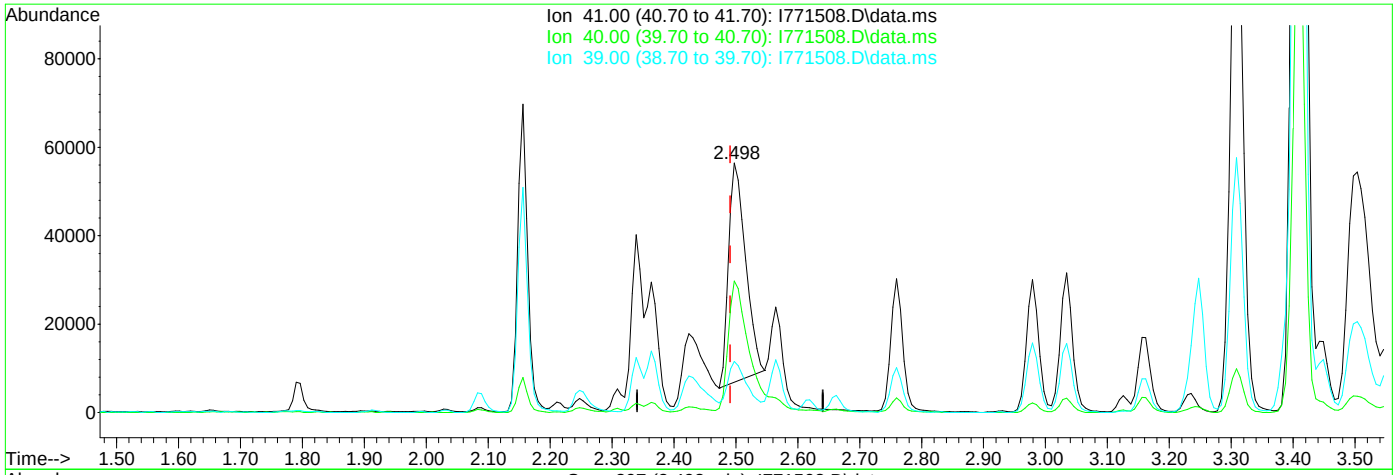
Sample Number: VI3572-IC3572
Lab FileID: I771508.D
Injection Time: 05/18/25 09:56
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

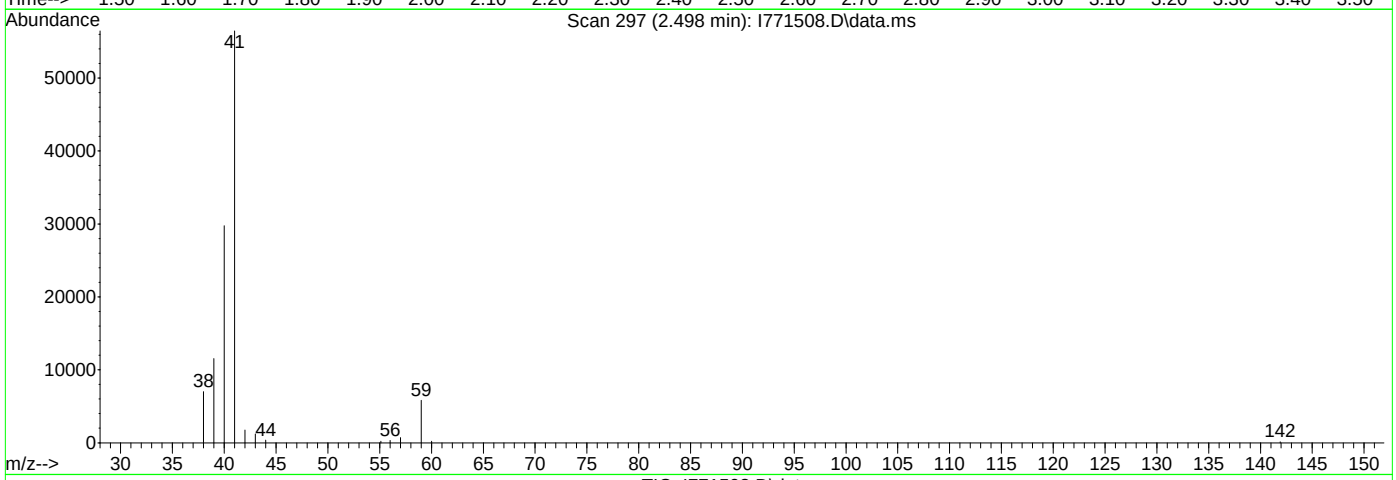
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.50	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(24) Acetonitrile

2.498min (+0.006) 428.41ug/L

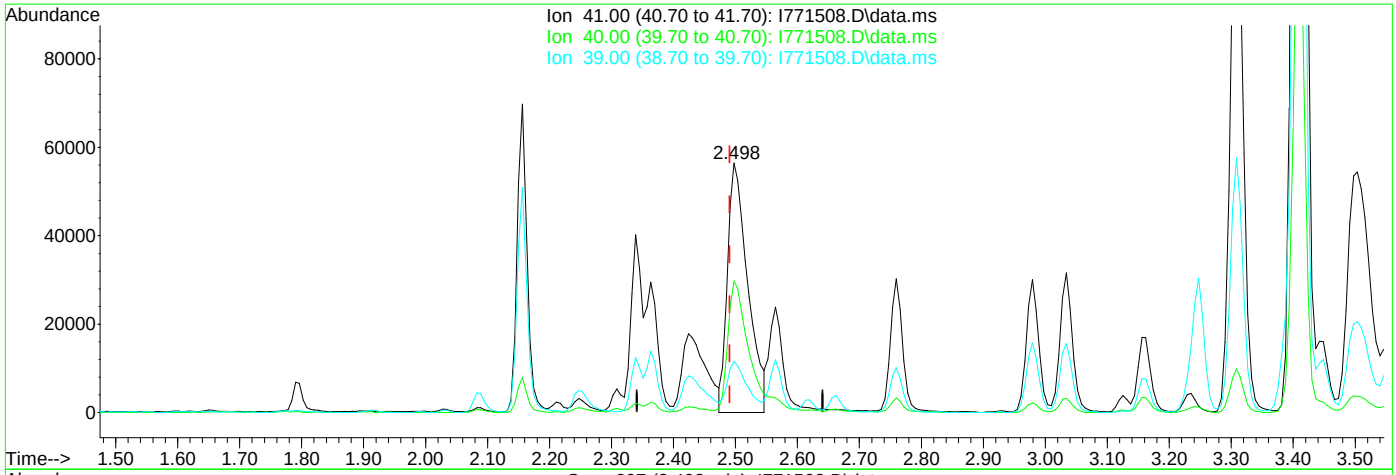
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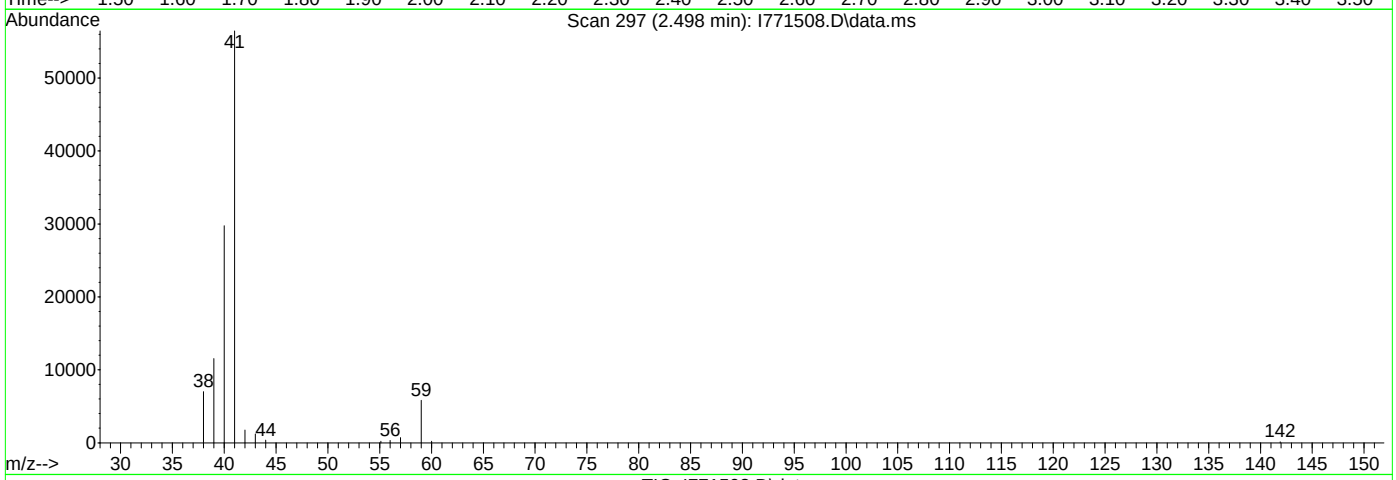
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	56.41
39.00	20.00	18.36
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
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Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(24) Acetonitrile

2.498min (+0.006) 578.74ug/L m

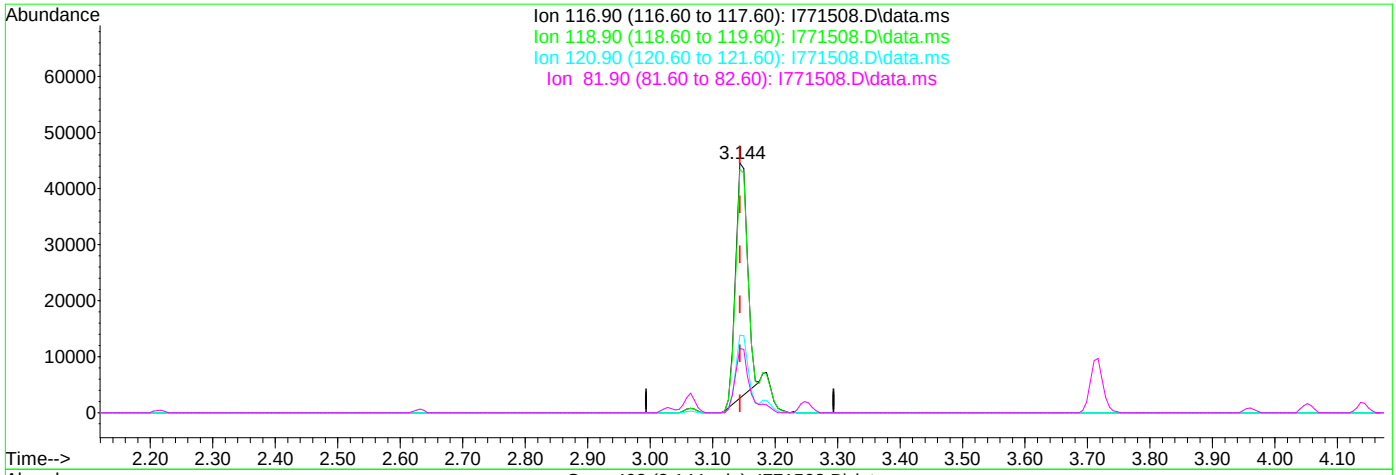
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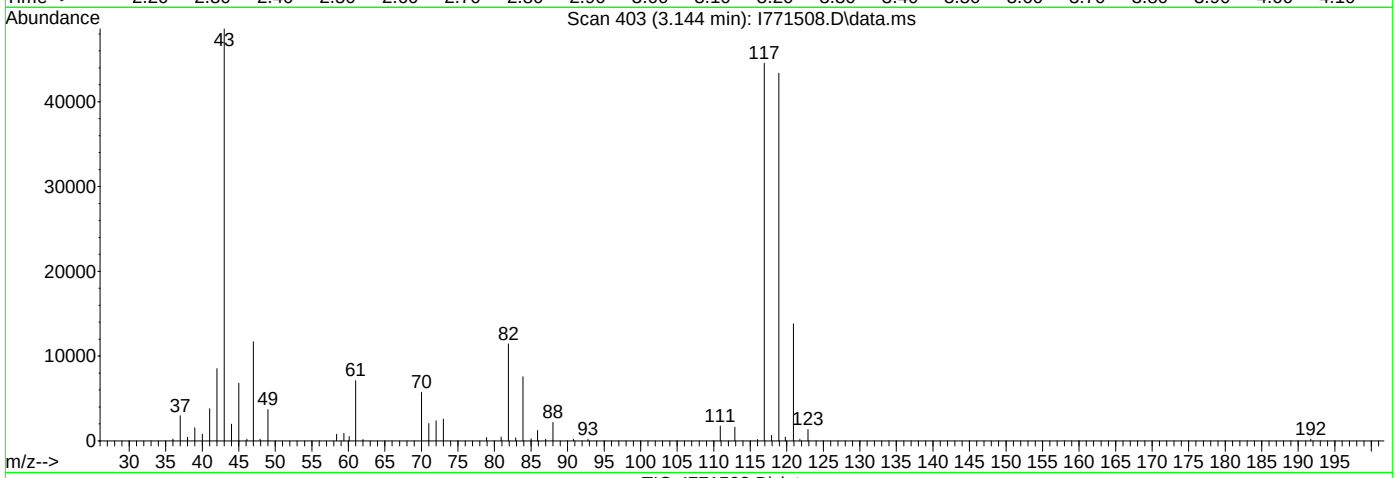
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.67
39.00	20.00	20.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 55.13ug/L

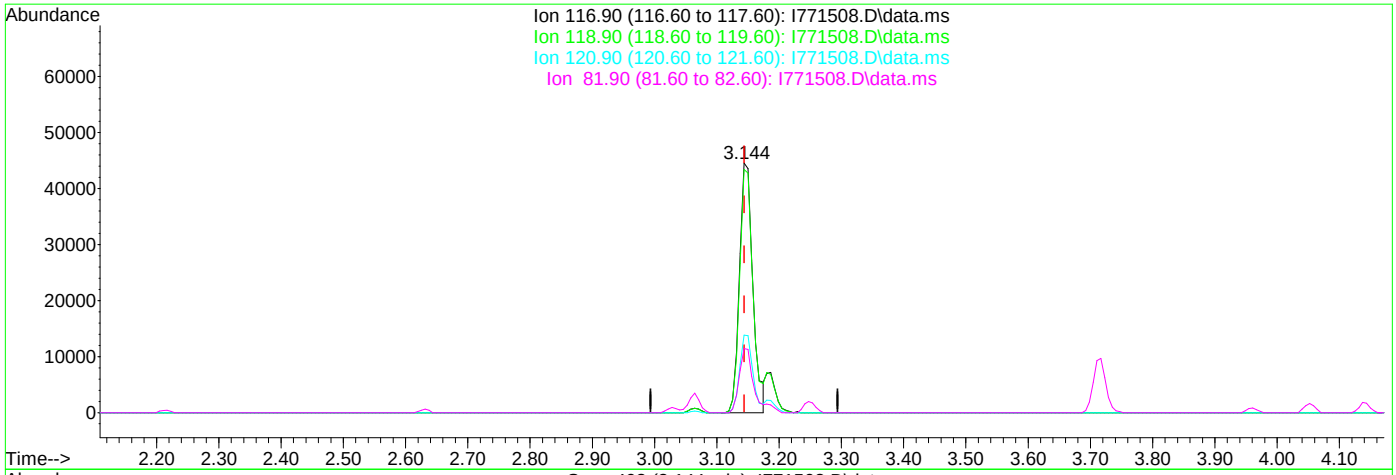
response 56629

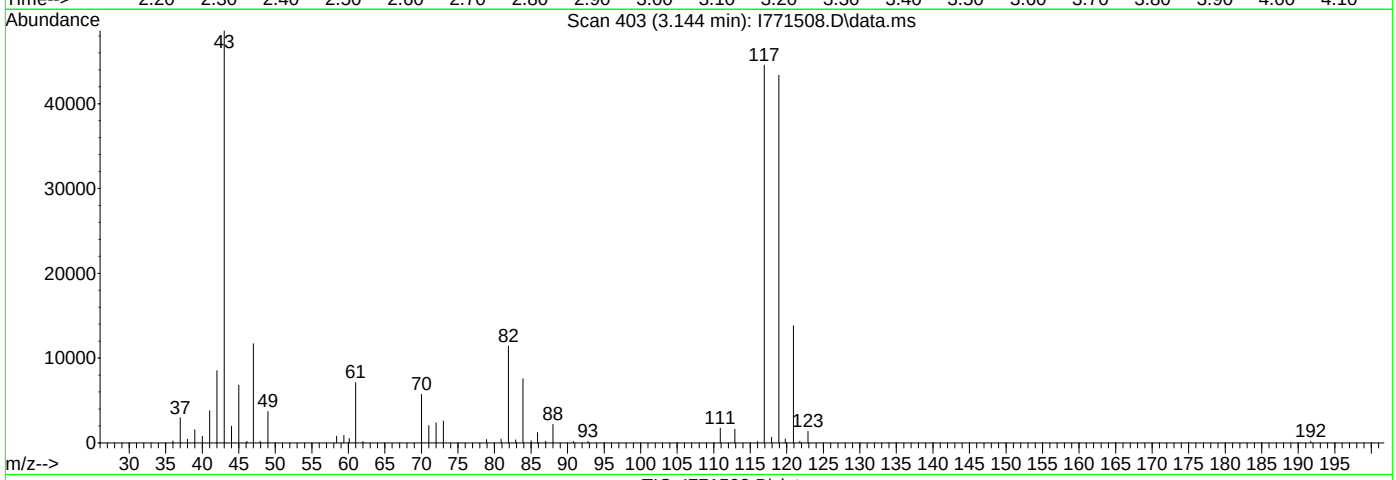
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.38
120.90	29.40	31.23
81.90	25.70	25.86

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 64.28ug/L m

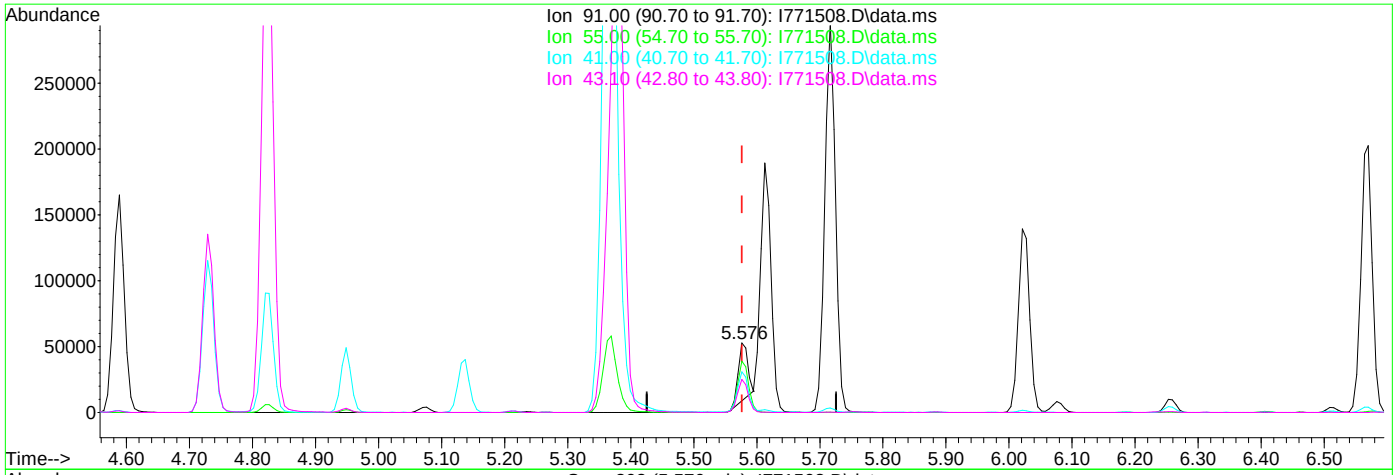
response 66030

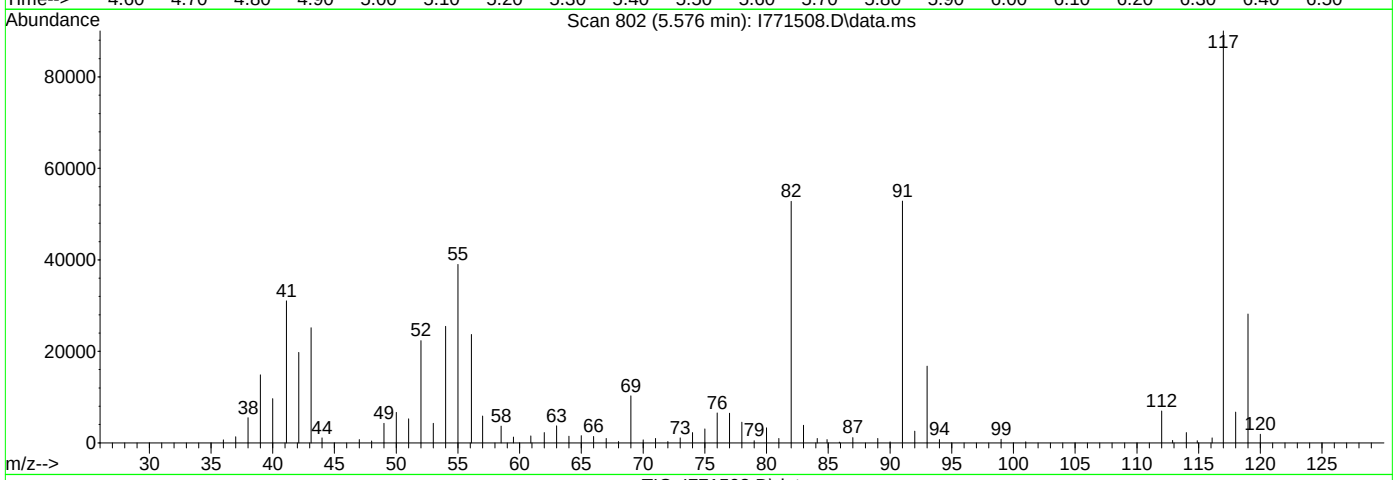
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.38
120.90	29.40	31.01
81.90	25.70	25.68

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 43.23ug/L

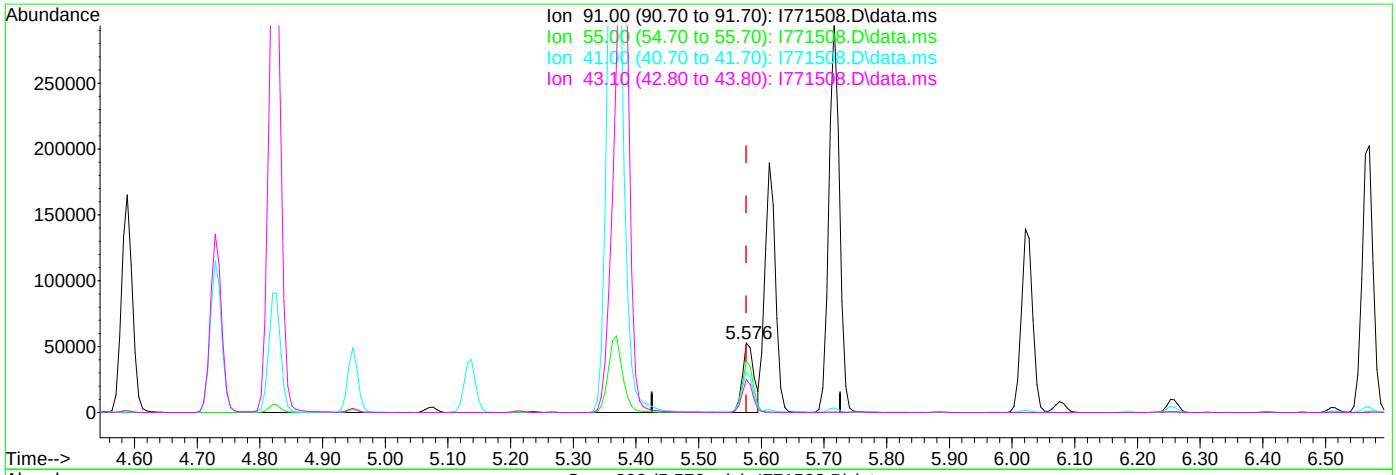
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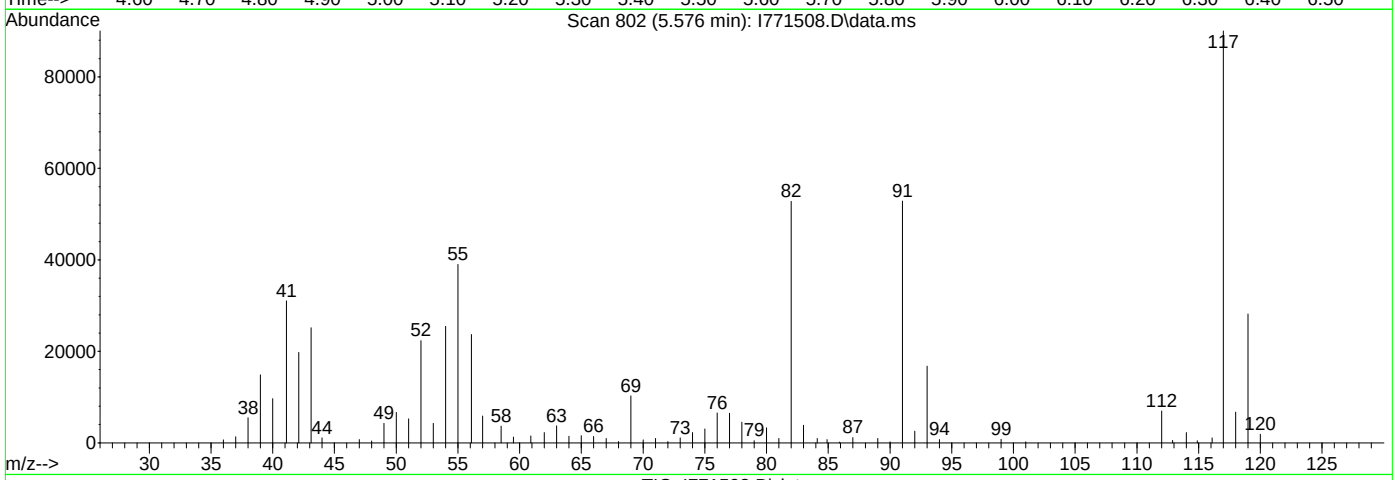
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	72.91
41.00	64.20	57.10
43.10	52.80	46.83

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 60.90ug/L m

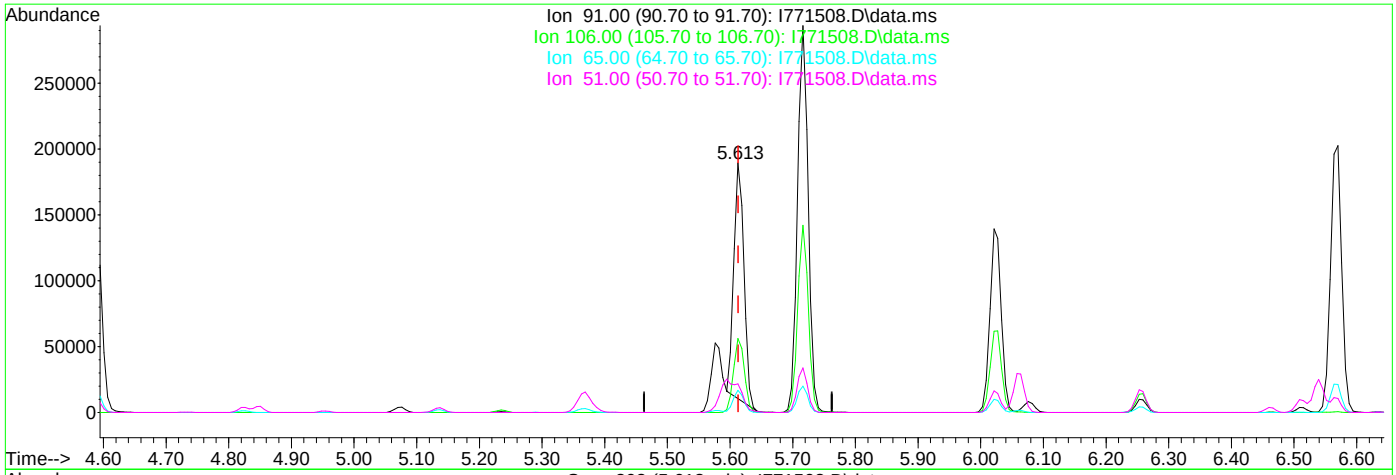
response 67580

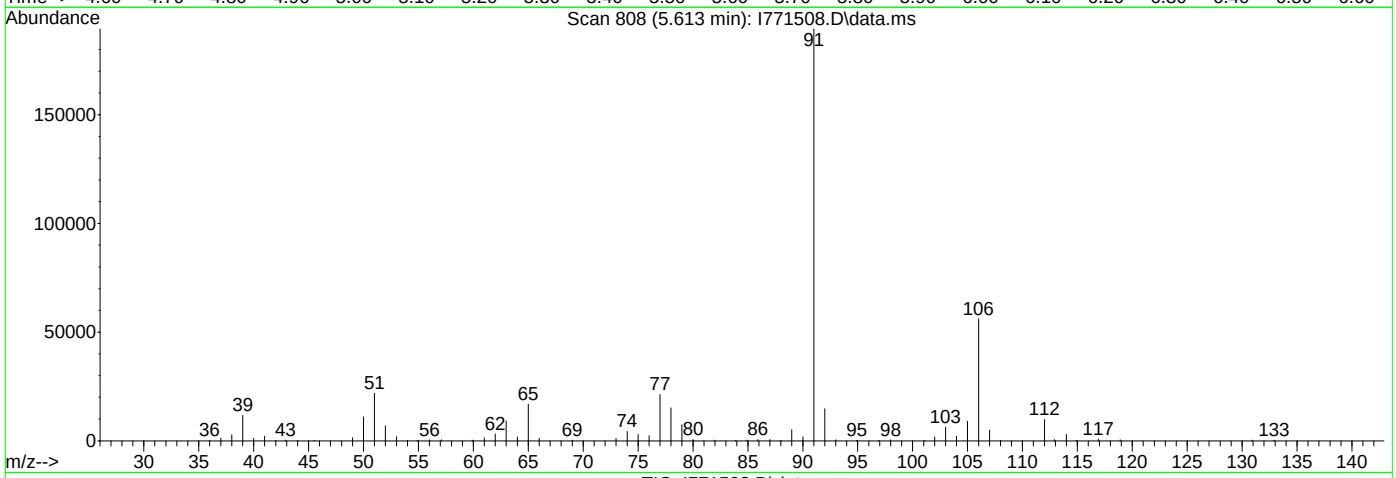
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	73.75
41.00	64.20	58.72
43.10	52.80	47.64

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 57.10ug/L

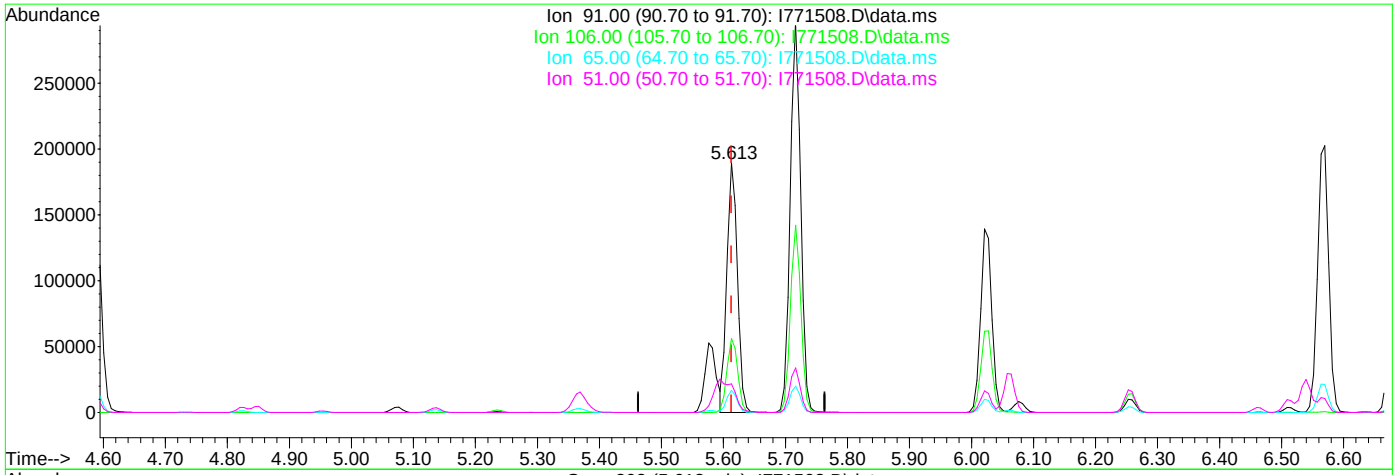
response 198546

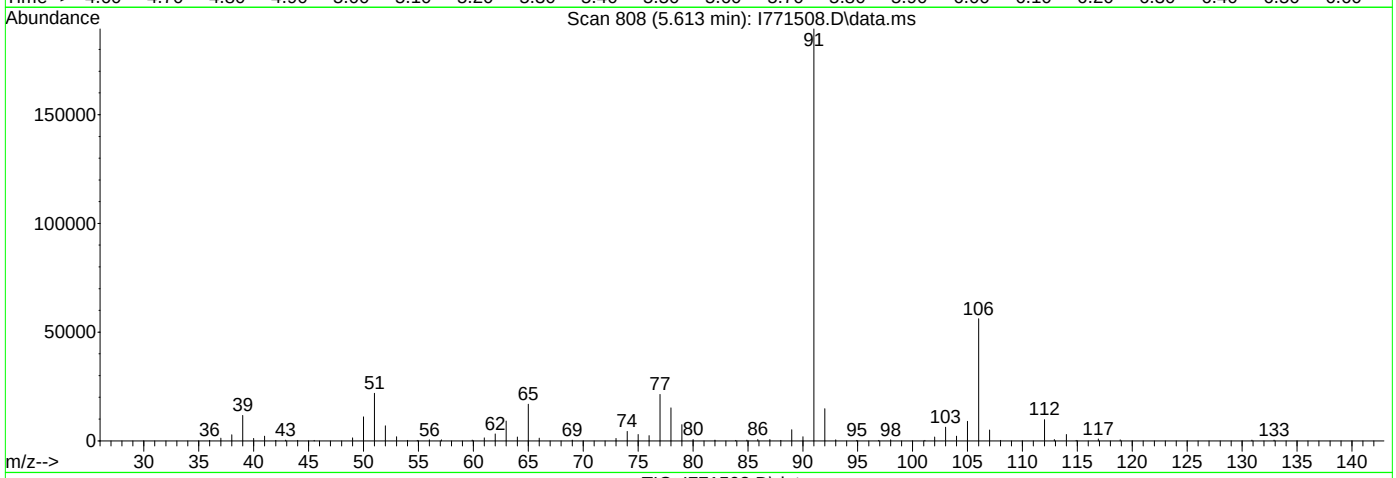
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.68
65.00	9.50	8.82
51.00	11.40	11.13

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771508.D
Acq On : 18 May 2025 9:56 am
Operator : jeniferw
Sample : IC3572-6 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 18 10:48:26 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771508.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 64.52ug/L m

response 224352

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.66
65.00	9.50	8.90
51.00	11.40	11.50

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 11:41:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	204232	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	152370	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.326	152	76701	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	57981	49.17	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.34%			
49) 1,2-Dichloroethane-d4	3.461	65	63398	44.44	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 88.88%			
63) Toluene-d8	4.552	98	194809	49.23	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.46%			
86) 4-Bromofluorobenzene	6.460	174	56461	46.73	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 93.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	102521	97.56	ug/L	98
3) Chloromethane	1.211	50	86724	91.81	ug/L	99
4) 1,3-butadiene	1.272	39	70418	87.52	ug/L	99
5) Vinyl Chloride	1.260	62	89802	97.36	ug/L	99
6) Bromomethane	1.455	94	51296	105.03	ug/L	99
7) Chloroethane	1.522	64	36610	107.96	ug/L	99
8) Trichlorofluoromethane	1.595	101	94987	81.64	ug/L	97
9) Ethyl Ether	1.790	59	80224	105.05	ug/L	97
10) Ethanol	1.906	45	47461m	1868.54	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	91614	104.39	ug/L	98
12) 1,1-Dichloroethene	1.894	61	119285	110.67	ug/L	92
13) Freon 113	1.912	101	73452	113.71	ug/L	91
14) Carbon Disulfide	1.912	76	232681	102.91	ug/L	96
15) Iodomethane	1.973	142	73638	98.58	ug/L	95
16) Acrolein	2.083	56	141973	499.31	ug/L	98
17) Allyl chloride	2.156	41	108242	78.99	ug/L	98
18) Methylene Chloride	2.211	49	104369	95.36	ug/L	98
19) Acetone	2.247	43	238435	387.79	ug/L	99
20) Methyl acetate	2.308	43	644663	441.76	ug/L	96
21) trans-1,2-Dichloroethene	2.296	61	108974	104.38	ug/L	94
22) Hexane	2.339	56	60876	98.56	ug/L #	81
23) Methyl Tert Butyl Ether	2.363	73	236437	94.42	ug/L #	48
24) Acetonitrile	2.497	41	182674m	820.22	ug/L	
25) Tert Butyl Alcohol	2.430	59	335974	816.24	ug/L	78
26) Di-isopropyl ether	2.564	45	241168	87.71	ug/L	98
27) Chloroprene	2.662	53	283926	92.33	ug/L	82
28) 1,1-Dichloroethane	2.625	63	133297	100.68	ug/L	98
29) Acrylonitrile	2.662	52	228074	477.64	ug/L #	68
30) ETBE	2.760	59	251729	96.66	ug/L	96
31) Vinyl acetate	2.760	43	1123097	455.17	ug/L	99
32) cis-1,2-Dichloroethene	2.918	96	75376	99.36	ug/L	92
33) 2,2-Dichloropropane	2.979	77	106329	89.04	ug/L	97
34) Bromochloromethane	3.028	128	36626	96.02	ug/L	93
35) Cyclohexane	3.034	56	118662	95.76	ug/L	94
36) Chloroform	3.064	83	136258	100.72	ug/L	96
37) Ethyl acetate	3.125	43	773320	449.38	ug/L	99
38) Tetrahydrofuran	3.162	42	55571	76.82	ug/L	94
40) Carbon Tetrachloride	3.144	117	96724m	93.23	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	108097	99.62	ug/L	95
42) 2-Butanone	3.235	43	451491	434.43	ug/L	93
43) 1,1-Dichloropropene	3.247	75	87800	103.46	ug/L	98
44) tert-Butyl formate	3.308	59	378362	422.65	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 11:41:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.406	54	261595	956.50	ug/L	#	1
46) Methacrylonitrile	3.412	41	840619	923.54	ug/L		97
47) Benzene	3.387	78	278559	101.57	ug/L		98
48) TAME	3.448	73	217345	88.96	ug/L	#	63
50) 1,2-Dichloroethane	3.497	62	107437	96.68	ug/L		99
51) Isobutyl Alcohol	3.448	43	70380	1754.04	ug/L		75
52) Tert Amyl Alcohol	3.570	59	304116	884.70	ug/L		99
53) Trichloroethene	3.711	95	75496	94.57	ug/L		96
54) Methylcyclohexane	3.711	83	103616	93.83	ug/L		94
55) Dibromomethane	3.960	93	54170	96.66	ug/L		99
56) 1,2-Dichloropropane	4.021	63	74693	99.50	ug/L		95
57) Bromodichloromethane	4.052	83	104375	97.13	ug/L		99
58) Methyl methacrylate	4.137	41	95463	82.23	ug/L		93
59) 1,4-Dioxane	4.192	88	43884	1908.37	ug/L		93
60) 2-Chloroethyl vinyl ether	4.393	63	342912	498.45	ug/L		94
61) cis-1,3-Dichloropropene	4.436	75	123625	96.96	ug/L		93
64) Toluene	4.588	91	292457	96.63	ug/L		99
65) 2-Nitropropane	4.729	41	210130	382.81	ug/L		99
66) 4-Methyl-2-pentanone	4.826	43	756695	438.41	ug/L		97
67) trans-1,3-Dichloropropene	4.851	75	124241	95.65	ug/L		91
68) Tetrachloroethene	4.838	166	70578	96.85	ug/L		93
69) Ethyl methacrylate	4.948	69	118085	93.48	ug/L		86
70) 1,1,2-Trichloroethane	4.954	83	62891	101.11	ug/L		94
71) Dibromochloromethane	5.076	129	81001	89.03	ug/L		99
72) 1,3-Dichloropropane	5.137	76	121436	97.71	ug/L		91
73) 1,2-Dibromoethane	5.235	107	81679	95.06	ug/L		98
74) 3,3-Dimethyl-1-Butanol	5.369	57	1715672	4801.66	ug/L		98
75) 2-hexanone	5.381	43	937809	450.66	ug/L	#	68
76) 1-Chlorohexane	5.576	91	100748m	90.30	ug/L		
77) Ethylbenzene	5.613	91	328194m	93.87	ug/L		
78) Chlorobenzene	5.594	112	188822	96.44	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.637	131	69093	91.66	ug/L		97
80) m,p-Xylene	5.716	91	507783	191.91	ug/L		99
81) o-Xylene	6.021	91	253885	94.52	ug/L		98
82) Styrene	6.064	104	196391	96.48	ug/L		97
83) Bromoform	6.076	173	60653	85.70	ug/L		97
84) Isopropylbenzene	6.253	105	300004	94.75	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.509	53	48325	90.66	ug/L		94
88) n-Propylbenzene	6.570	91	365005	97.83	ug/L		99
89) Bromobenzene	6.539	156	78904	95.20	ug/L		95
90) 1,1,2,2-Tetrachloroethane	6.619	83	123652	102.51	ug/L		98
91) 1,3,5-Trimethylbenzene	6.722	105	248198	94.13	ug/L		99
92) 2-Chlorotoluene	6.679	91	201463	95.41	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.753	53	36896	83.85	ug/L	#	79
94) 1,2,3-Trichloropropane	6.716	110	38674	96.05	ug/L		87
95) Cyclohexanone	6.753	55	50356	435.02	ug/L		96
96) 4-Chlorotoluene	6.807	91	226643	94.48	ug/L		96
97) tert-Butylbenzene	6.966	91	135269	91.73	ug/L		95
98) 1,2,4-Trimethylbenzene	7.021	105	252161	92.23	ug/L		99
99) Pentachloroethane	6.978	167	44906	90.20	ug/L	#	1
100) sec-Butylbenzene	7.106	105	285813	95.20	ug/L		99
101) 4-Isopropyltoluene	7.222	119	241408	94.45	ug/L		96
102) 1,3-Dichlorobenzene	7.265	146	141778	95.02	ug/L		98
103) 1,2,3-Trimethylbenzene	7.356	105	256815	94.08	ug/L		100
104) 1,4-Dichlorobenzene	7.332	146	146944	96.45	ug/L		97
105) n-Butylbenzene	7.539	92	136665	96.73	ug/L		91
106) Benzyl Chloride	7.521	126	48249	87.73	ug/L		98
107) 1,2-Dichlorobenzene	7.649	146	139172	97.28	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 11:41:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration

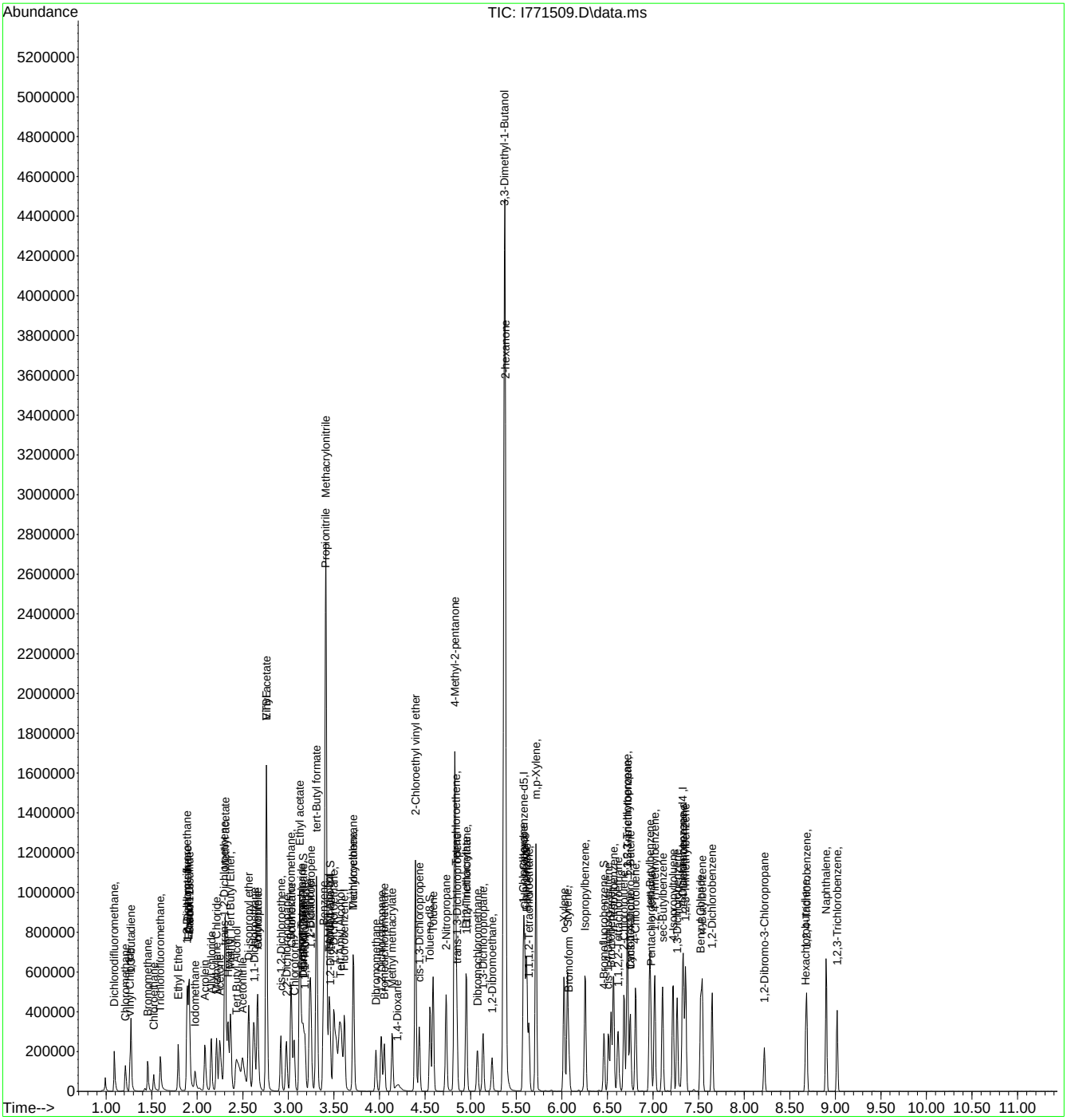
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.222	75	36411	92.45	ug/L	89
109) Hexachlorobutadiene	8.673	225	26754	87.00	ug/L	84
110) 1,2,4-Trichlorobenzene	8.685	180	79741	92.03	ug/L	98
111) Naphthalene	8.899	128	326766	96.05	ug/L	99
112) 1,2,3-Trichlorobenzene	9.020	180	75233	92.43	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 11:41:37 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



Manual Integration Approval Summary

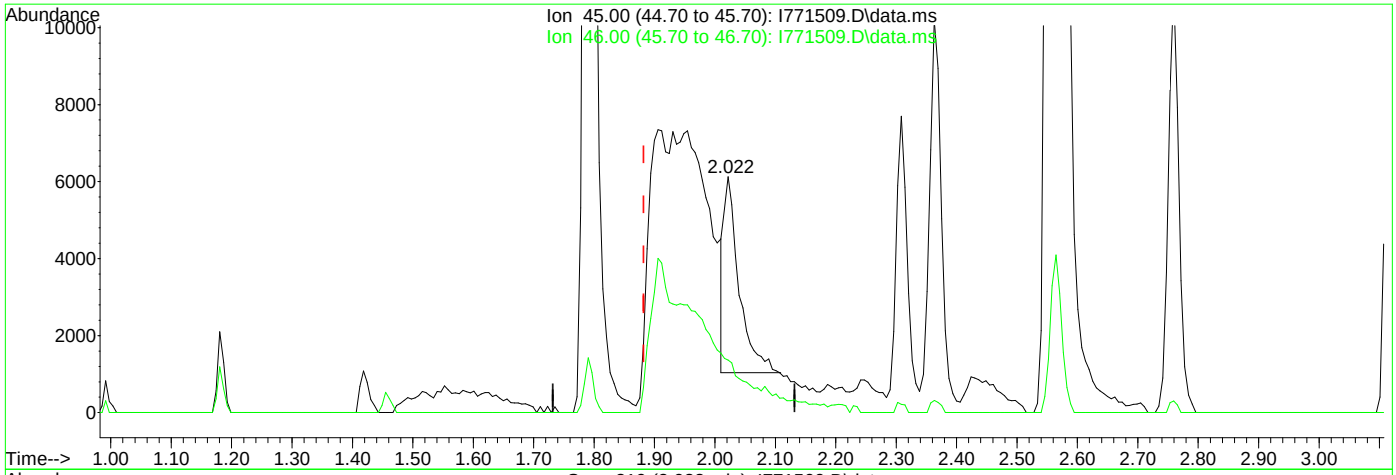
Sample Number: VI3572-IC3572
Lab FileID: I771509.D
Injection Time: 05/18/25 10:12
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

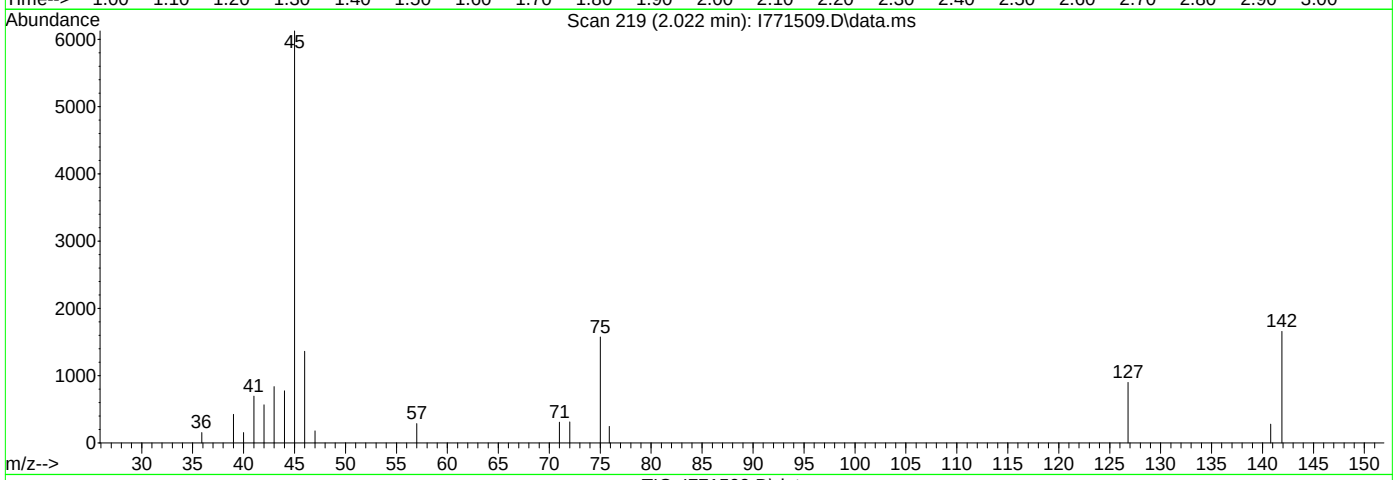
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.91	Missed peak
Acetonitrile	75-05-8		2.50	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(10) Ethanol

2.022min (+0.140) 284.86ug/L

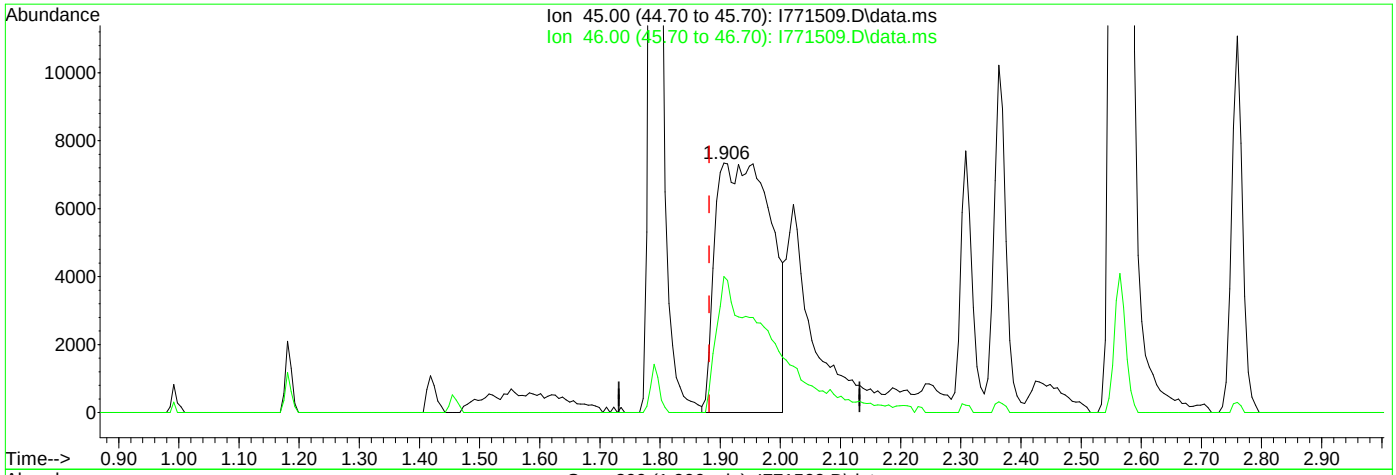
response 8989

Ion	Exp%	Act%
45.00	100	100
46.00	35.00	19.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration



TIC: I771509.D\data.ms

(10) Ethanol

1.906min (+0.024) 1868.54ug/L m

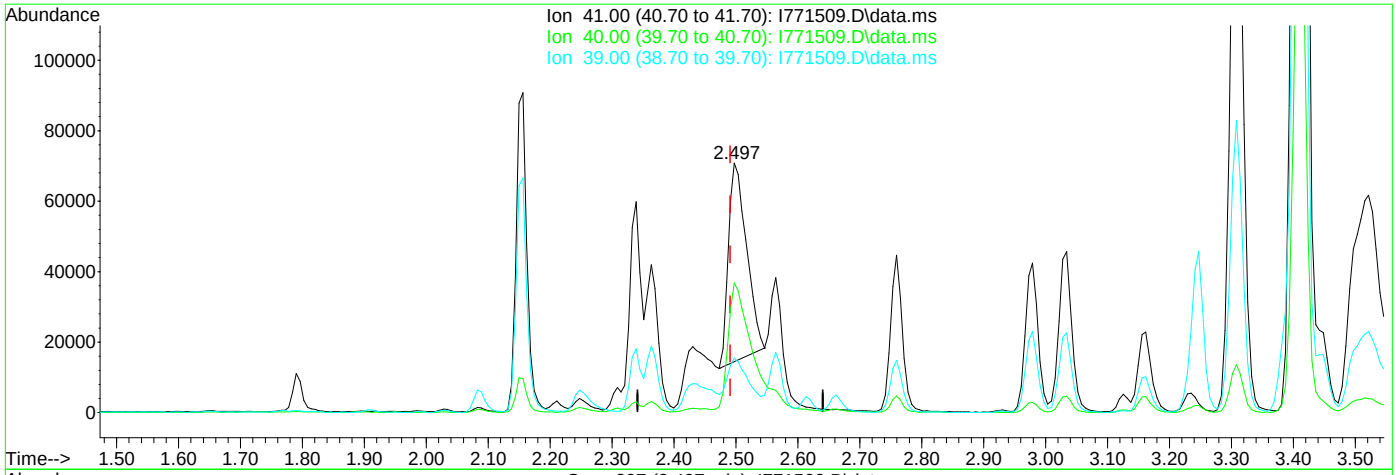
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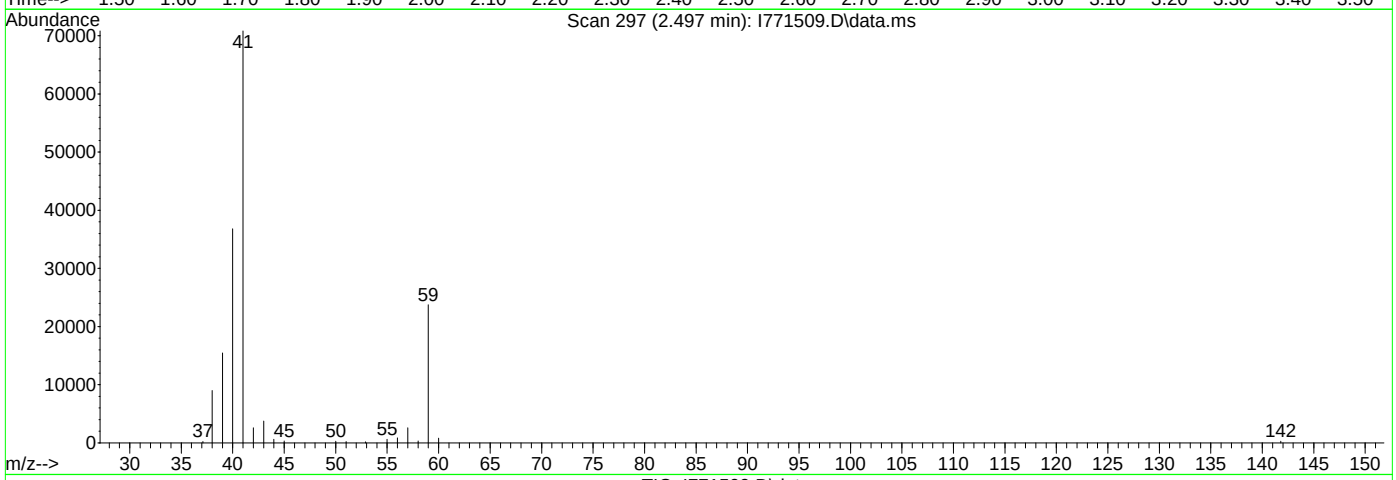
Ion	Exp%	Act%
45.00	100	100
46.00	35.00	54.50
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(24) Acetonitrile

2.497min (+0.006) 512.76ug/L

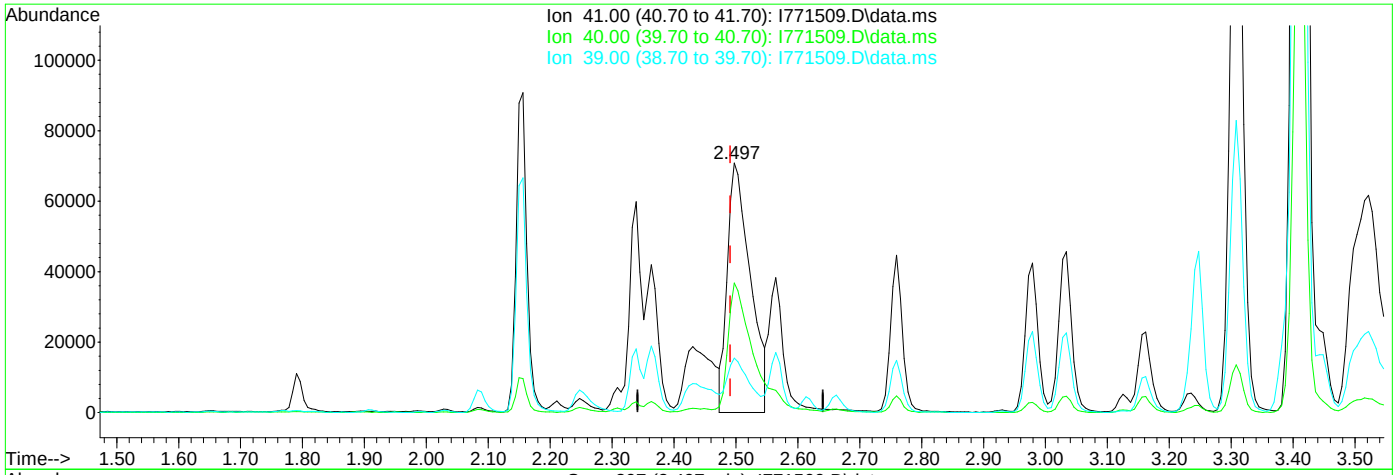
response 115004

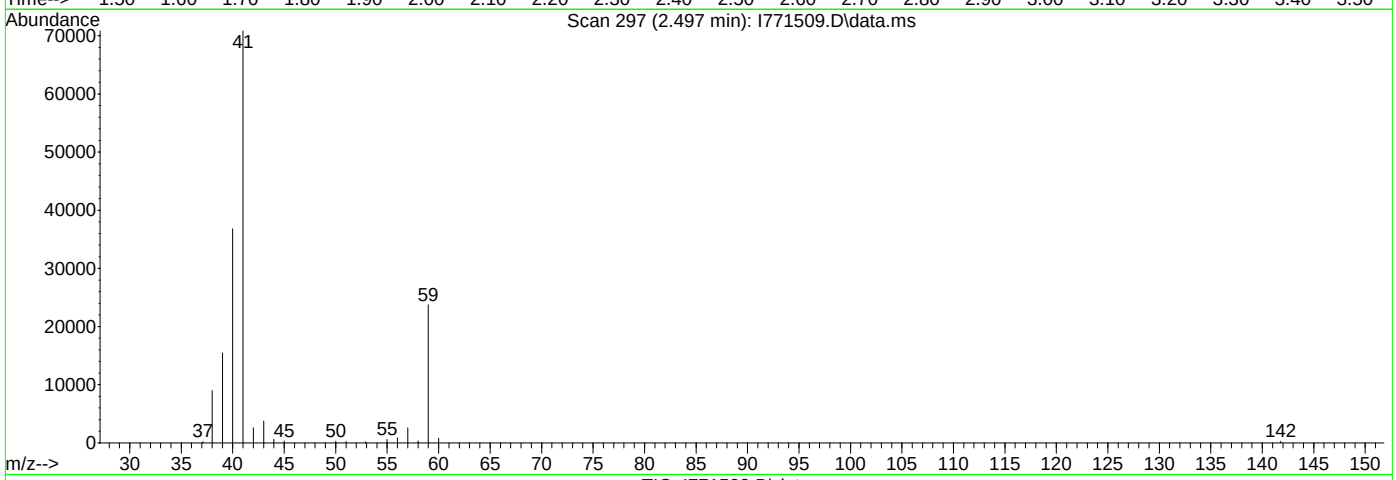
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	60.27
39.00	20.00	17.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
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Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(24) Acetonitrile

2.497min (+0.006) 820.22ug/L m

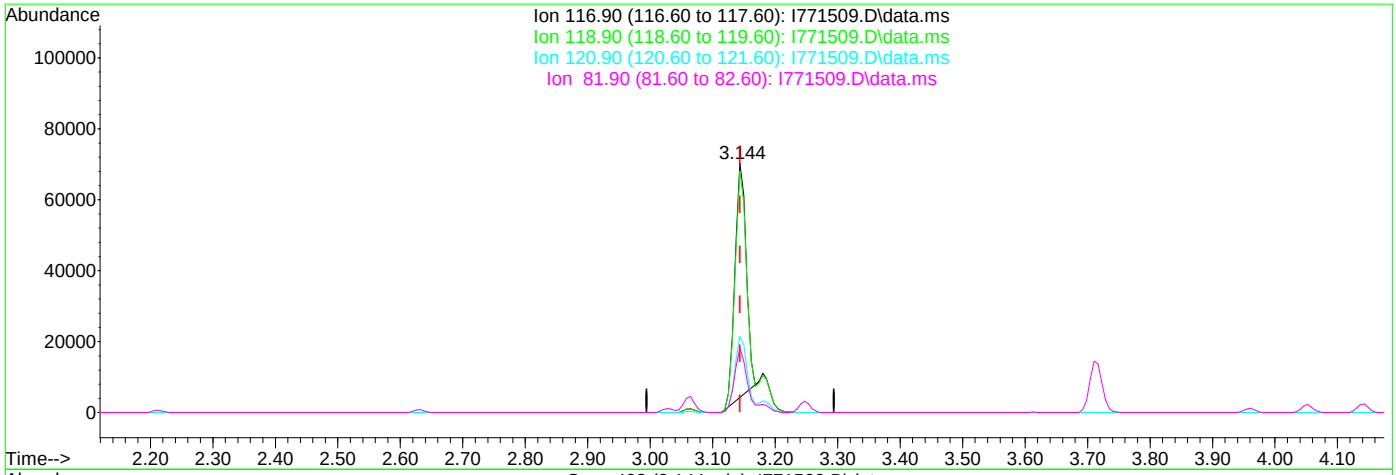
response 182674

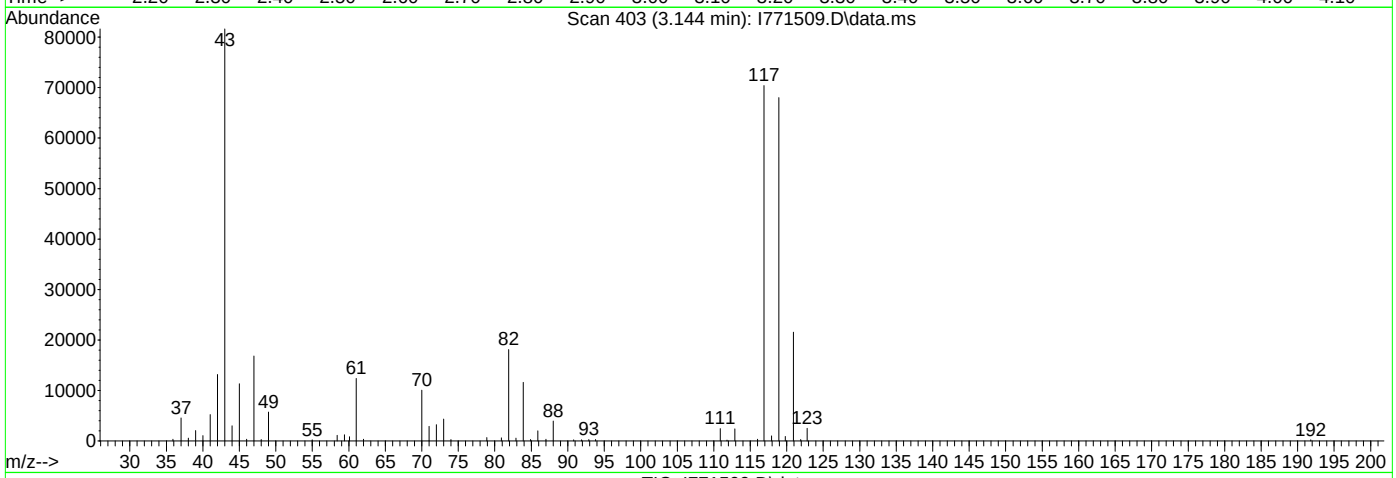
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	51.91
39.00	20.00	21.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 81.27ug/L

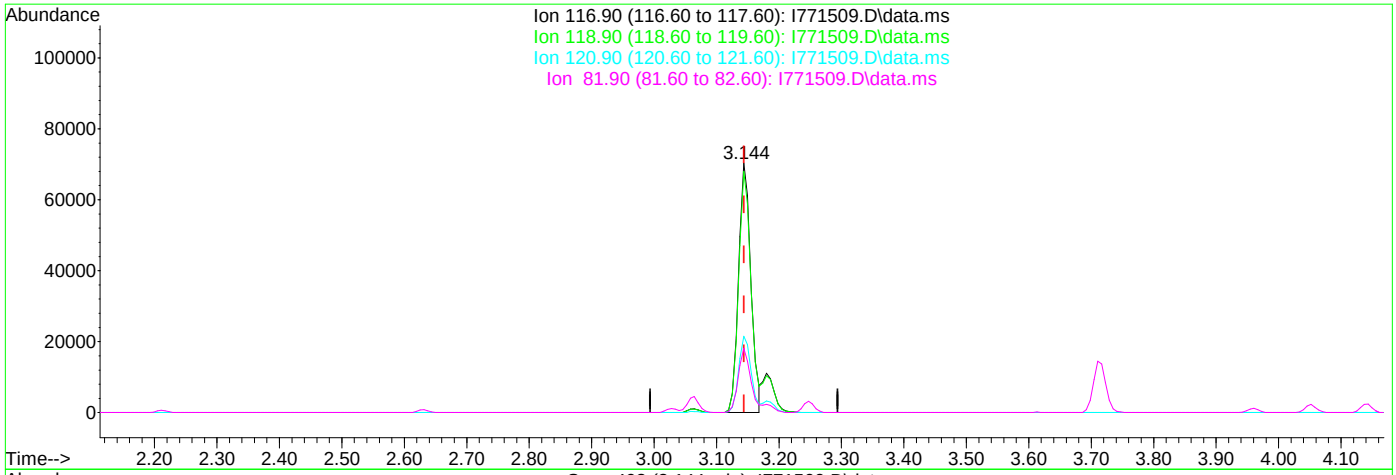
response 84313

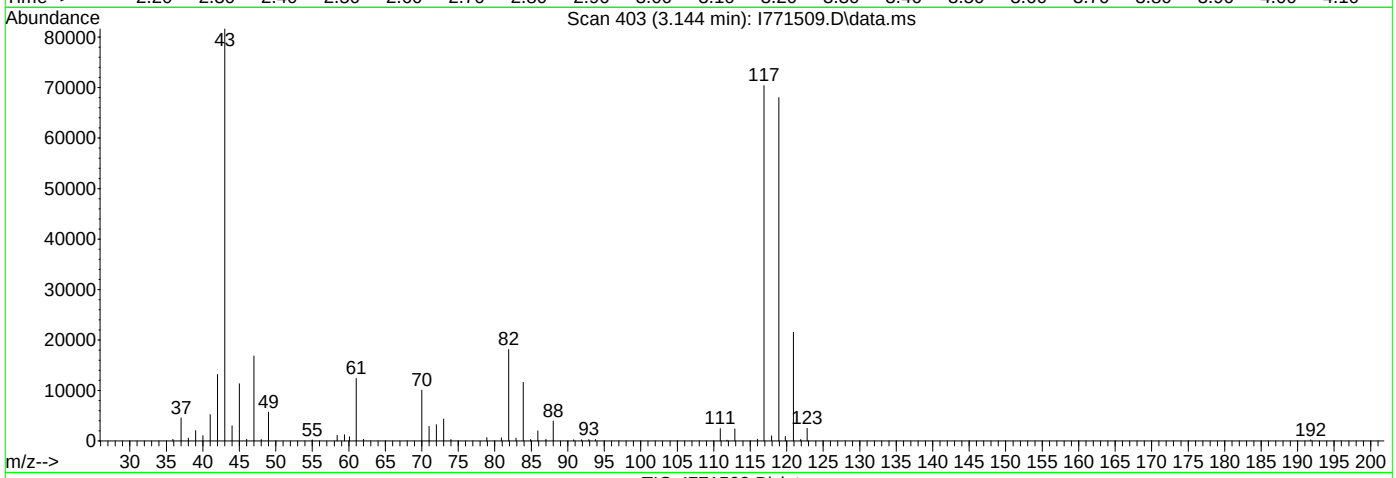
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.45
120.90	29.40	30.59
81.90	25.70	25.57

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 93.23ug/L m

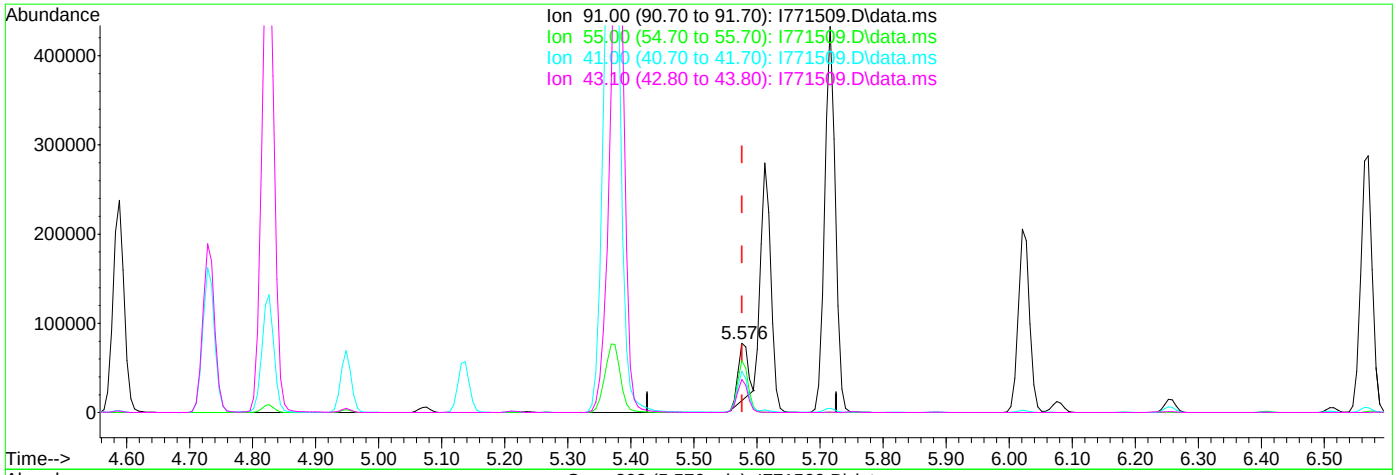
response 96724

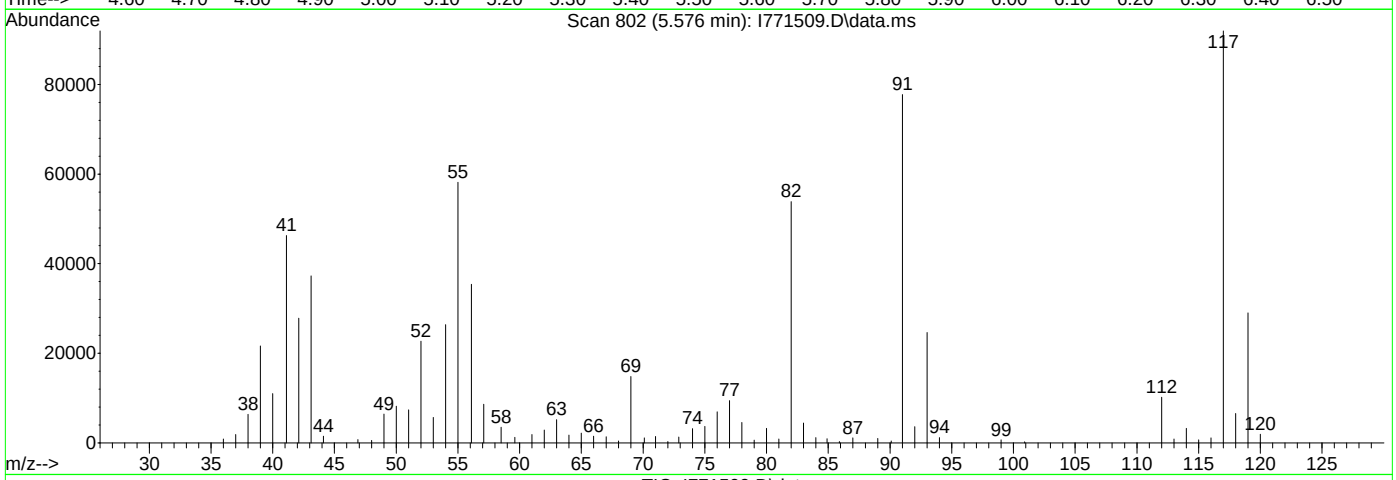
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	96.60
120.90	29.40	30.58
81.90	25.70	25.73

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 63.84ug/L

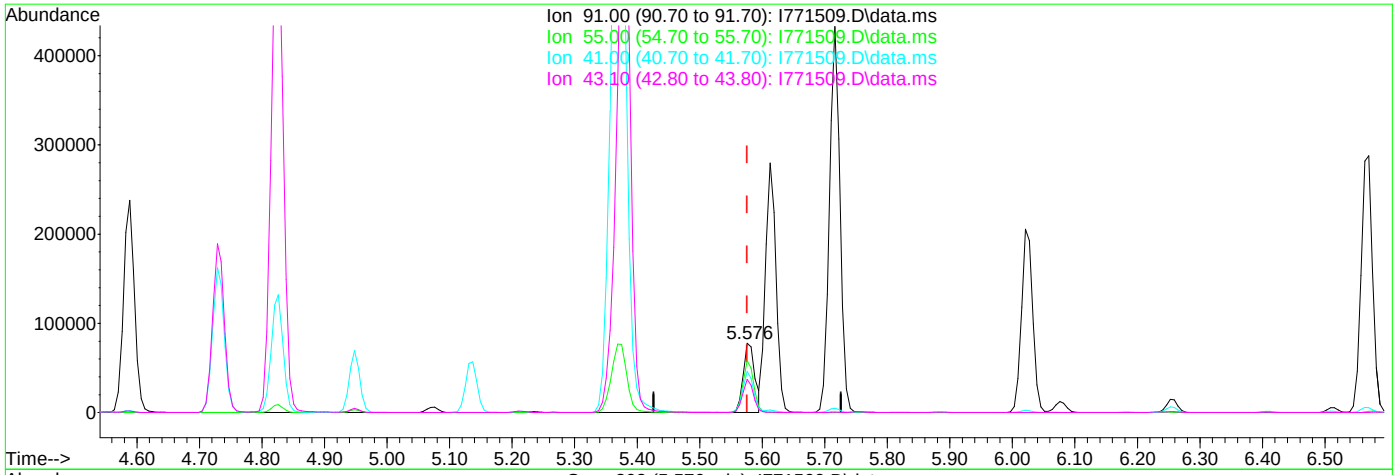
response 71224

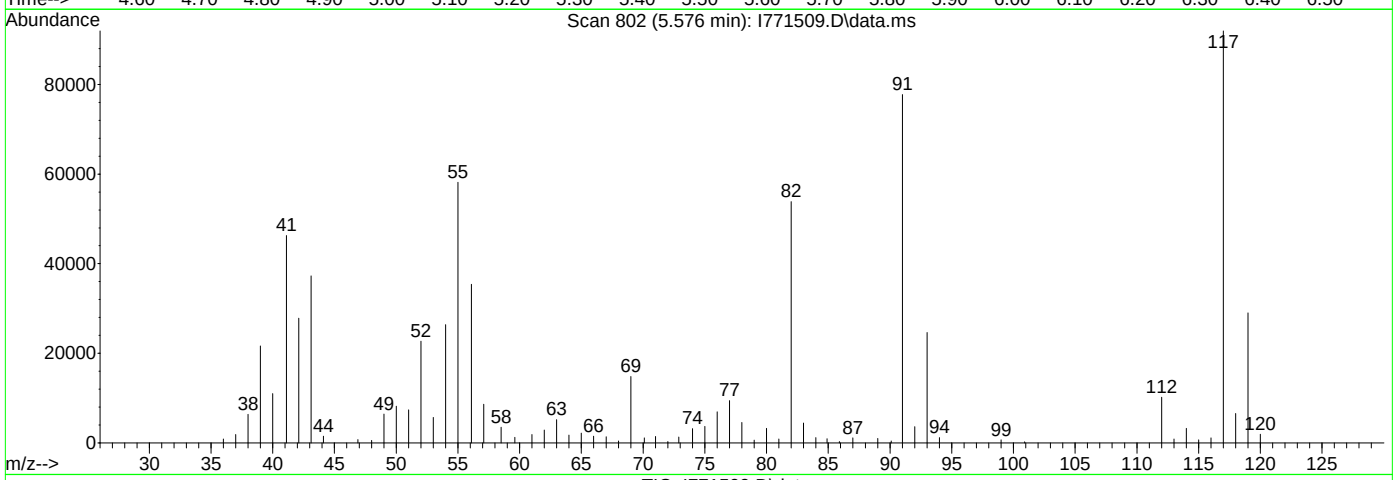
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	73.96
41.00	64.20	58.06
43.10	52.80	47.10

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.000) 90.30ug/L m

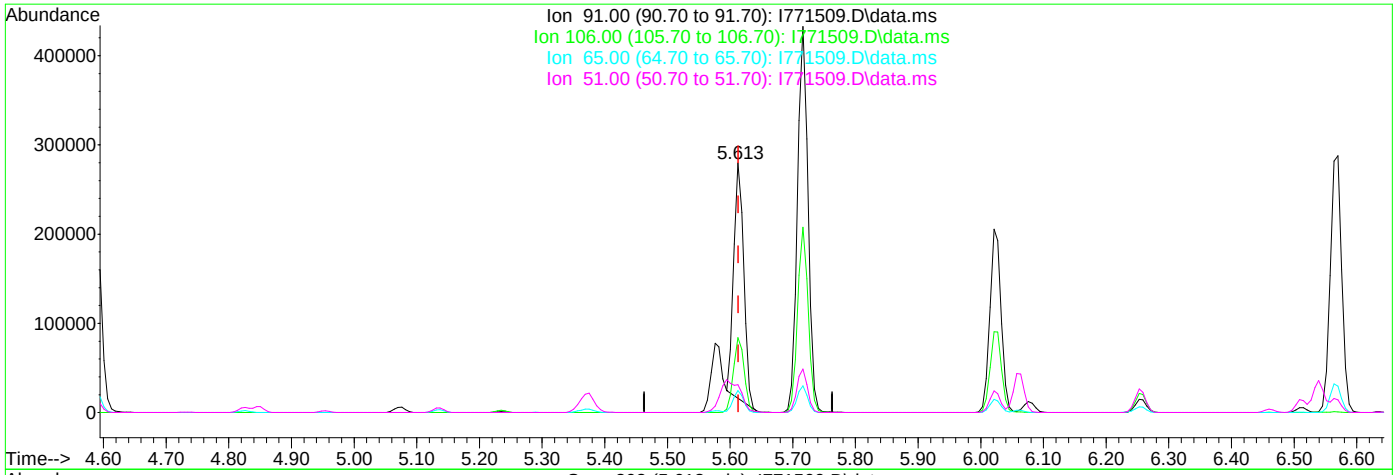
response 100748

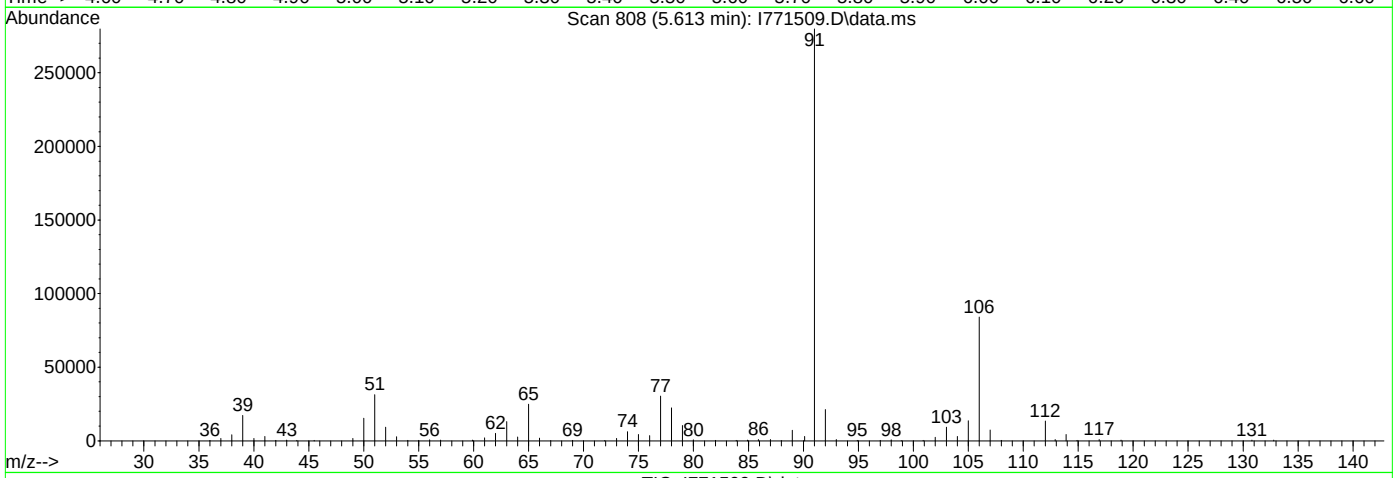
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	74.76
41.00	64.20	59.53
43.10	52.80	47.91

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 82.88ug/L

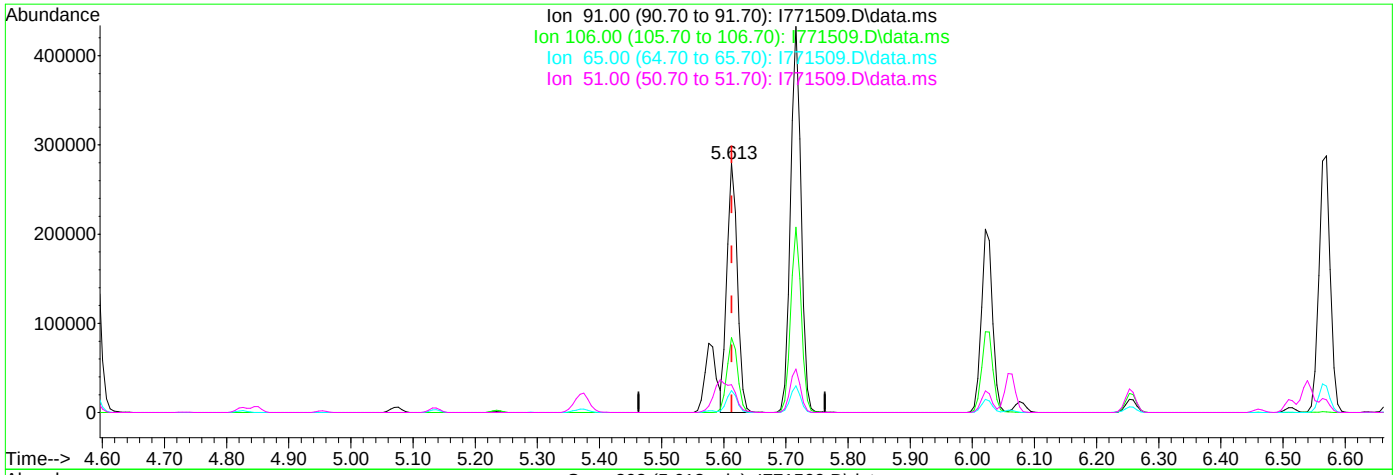
response 289768

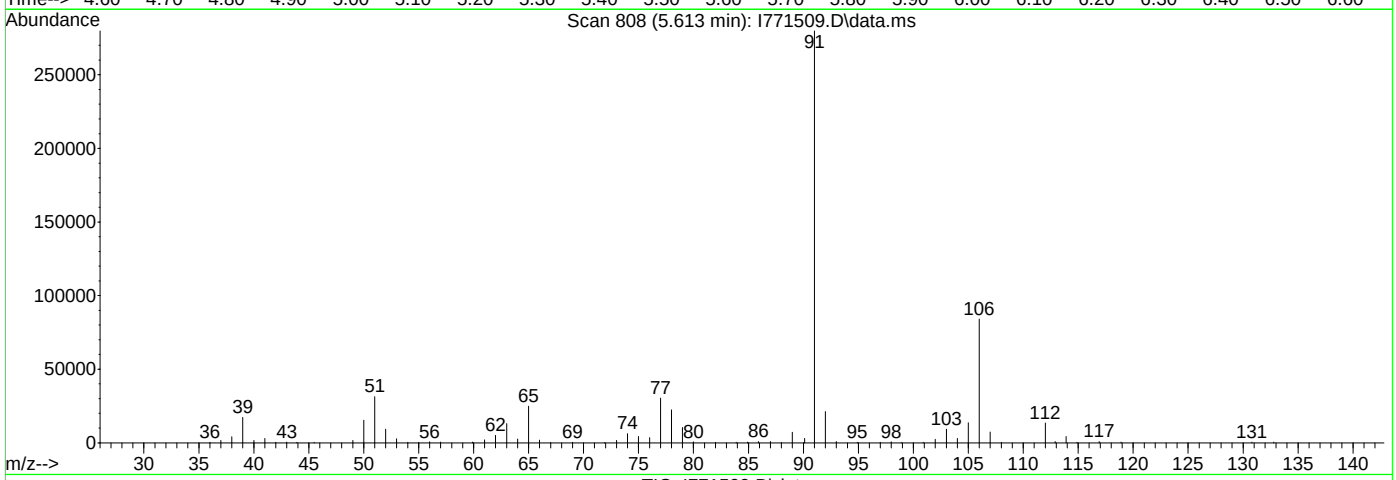
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.04
65.00	9.50	8.80
51.00	11.40	10.83

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771509.D
Acq On : 18 May 2025 10:12 am
Operator : jeniferw
Sample : IC3572-7 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 18 10:48:28 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Wed Apr 23 07:46:16 2025
Response via : Initial Calibration





TIC: I771509.D\data.ms

(77) Ethylbenzene

5.613min (-0.000) 93.87ug/L m

response 328194

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	30.01
65.00	9.50	8.86
51.00	11.40	11.21

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
05/19/25 09:19

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	209789	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	155823	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	76667	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	59550	49.79	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	99.58%		
49) 1,2-Dichloroethane-d4	3.454	65	72133	51.01	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	102.02%		
63) Toluene-d8	4.552	98	199835	49.98	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.96%		
86) 4-Bromofluorobenzene	6.460	174	58051	50.18	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	100.36%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	35358	34.58	ug/L	97
3) Chloromethane	1.205	50	32015	34.96	ug/L	99
4) 1,3-butadiene	1.272	39	22132	30.28	ug/L	95
5) Vinyl Chloride	1.260	62	35276	38.61	ug/L	99
6) Bromomethane	1.449	94	21074	39.86	ug/L	99
7) Chloroethane	1.516	64	18025	44.32	ug/L	99
8) Trichlorofluoromethane	1.601	101	51569	41.67	ug/L	97
9) Ethyl Ether	1.784	59	29729	39.36	ug/L	98
10) Ethanol	1.869	45	20418	715.39	ug/L	94
11) 1,2-Dichlorotrifluoroe...	1.888	67	36513	40.97	ug/L	97
12) 1,1-Dichloroethene	1.894	61	40076	34.98	ug/L	91
13) Freon 113	1.912	101	29862	44.32	ug/L	92
14) Carbon Disulfide	1.912	76	88669	38.65	ug/L	97
15) Iodomethane	1.973	142	28905	40.27	ug/L	95
16) Acrolein	2.077	56	49290	165.53	ug/L	98
17) Allyl chloride	2.150	41	44973	35.91	ug/L	97
18) Methylene Chloride	2.205	49	40957	35.29	ug/L	98
19) Acetone	2.235	43	121749	204.18	ug/L	99
20) Methyl acetate	2.296	43	279343	196.95	ug/L	97
21) trans-1,2-Dichloroethene	2.296	61	39684	36.24	ug/L	91
22) Hexane	2.339	56	23934	40.04	ug/L #	82
23) Methyl Tert Butyl Ether	2.357	73	99141	40.94	ug/L #	56
24) Acetonitrile	2.485	41	87481m	411.04	ug/L	
25) Tert Butyl Alcohol	2.406	59	138206	373.69	ug/L	77
26) Di-isopropyl ether	2.552	45	106329	42.60	ug/L	99
27) Chloroprene	2.650	53	129344	43.67	ug/L	82
28) 1,1-Dichloroethane	2.625	63	53487	39.12	ug/L	97
29) Acrylonitrile	2.650	52	99792	207.17	ug/L #	68
30) ETBE	2.747	59	100293	40.38	ug/L	97
31) Vinyl acetate	2.753	43	469517	210.41	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	29461	38.55	ug/L	92
33) 2,2-Dichloropropane	2.973	77	44172	40.87	ug/L	98
34) Bromochloromethane	3.022	128	15514	40.90	ug/L	90
35) Cyclohexane	3.028	56	47941	42.63	ug/L	96
36) Chloroform	3.058	83	56324	39.61	ug/L	97
37) Ethyl acetate	3.113	43	334837	208.97	ug/L	98
38) Tetrahydrofuran	3.150	42	22756	36.55	ug/L	94
40) Carbon Tetrachloride	3.138	117	37825m	40.11	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	45363	41.84	ug/L	96
42) 2-Butanone	3.223	43	183724	188.86	ug/L	93
43) 1,1-Dichloropropene	3.241	75	36724	42.05	ug/L	91
44) tert-Butyl formate	3.302	59	172948	224.83	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) Propionitrile	3.387	54	112419	411.96	ug/L #	45
46) Methacrylonitrile	3.400	41	356343	408.13	ug/L	97
47) Benzene	3.381	78	108864	37.87	ug/L	87
48) TAME	3.436	73	88173	39.61	ug/L #	65
50) 1,2-Dichloroethane	3.491	62	43728	38.79	ug/L	97
51) Isobutyl Alcohol	3.436	43	24983	730.82	ug/L	73
52) Tert Amyl Alcohol	3.546	59	116510	407.63	ug/L	97
53) Trichloroethene	3.704	95	29858	38.47	ug/L	96
54) Methylcyclohexane	3.711	83	42052	44.52	ug/L	92
55) Dibromomethane	3.954	93	22340	40.34	ug/L	99
56) 1,2-Dichloropropane	4.015	63	30610	40.14	ug/L	94
57) Bromodichloromethane	4.046	83	42473	39.31	ug/L	98
58) Methyl methacrylate	4.131	41	41423	42.90	ug/L	91
59) 1,4-Dioxane	4.174	88	16822	804.11	ug/L	98
60) 2-Chloroethyl vinyl ether	4.387	63	142139	211.99	ug/L	94
61) cis-1,3-Dichloropropene	4.430	75	49461	40.89	ug/L	95
64) Toluene	4.582	91	116774	38.76	ug/L	100
65) 2-Nitropropane	4.723	41	89077	230.41	ug/L	99
66) 4-Methyl-2-pentanone	4.814	43	327077	215.43	ug/L	98
67) trans-1,3-Dichloropropene	4.844	75	48897	40.15	ug/L	93
68) Tetrachloroethene	4.832	166	28280	41.02	ug/L	91
69) Ethyl methacrylate	4.942	69	49809	45.24	ug/L	88
70) 1,1,2-Trichloroethane	4.948	83	25885	40.79	ug/L	93
71) Dibromochloromethane	5.070	129	34437	42.80	ug/L	100
72) 1,3-Dichloropropane	5.131	76	50082	39.96	ug/L	91
73) 1,2-Dibromoethane	5.229	107	32656	39.30	ug/L	100
74) 3,3-Dimethyl-1-Butanol	5.357	57	636446	2027.48	ug/L	95
75) 2-hexanone	5.375	43	383425	210.87	ug/L	78
76) 1-Chlorohexane	5.576	91	39388m	38.66	ug/L	
77) Ethylbenzene	5.607	91	131887m	40.06	ug/L	
78) Chlorobenzene	5.588	112	79224	40.64	ug/L	99
79) 1,1,1,2-Tetrachloroethane	5.631	131	28627	42.11	ug/L	97
80) m,p-Xylene	5.710	91	204397	82.04	ug/L	99
81) o-Xylene	6.021	91	101562	40.99	ug/L	99
82) Styrene	6.058	104	82699	44.31	ug/L	97
83) Bromoform	6.076	173	23489	42.31	ug/L	97
84) Isopropylbenzene	6.253	105	123891	43.41	ug/L	97
87) cis-1,4-Dichloro-2-butene	6.509	53	19630	41.34	ug/L	94
88) n-Propylbenzene	6.564	91	151802	43.03	ug/L	98
89) Bromobenzene	6.539	156	32565	40.86	ug/L	93
90) 1,1,2,2-Tetrachloroethane	6.612	83	49298	38.96	ug/L	97
91) 1,3,5-Trimethylbenzene	6.716	105	100672	43.30	ug/L	100
92) 2-Chlorotoluene	6.679	91	82989	41.67	ug/L	95
93) trans-1,4-Dichloro-2-B...	6.747	53	15678	42.39	ug/L #	85
94) 1,2,3-Trichloropropane	6.716	110	15854	41.12	ug/L	82
95) Cyclohexanone	6.747	55	17470	177.13	ug/L	97
96) 4-Chlorotoluene	6.808	91	93753	41.95	ug/L	94
97) tert-Butylbenzene	6.960	91	55704	43.89	ug/L	98
98) 1,2,4-Trimethylbenzene	7.015	105	102914	43.82	ug/L	98
99) Pentachloroethane	6.972	167	18421	43.24	ug/L #	18
100) sec-Butylbenzene	7.100	105	112759	42.33	ug/L	98
101) 4-Isopropyltoluene	7.216	119	95170	43.38	ug/L	96
102) 1,3-Dichlorobenzene	7.265	146	58726	41.49	ug/L	98
103) 1,2,3-Trimethylbenzene	7.356	105	104310	42.57	ug/L	98
104) 1,4-Dichlorobenzene	7.332	146	60641	41.00	ug/L	98
105) n-Butylbenzene	7.539	92	56406	45.85	ug/L	98
106) Benzyl Chloride	7.521	126	18504	43.42	ug/L	94
107) 1,2-Dichlorobenzene	7.643	146	57004	42.40	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

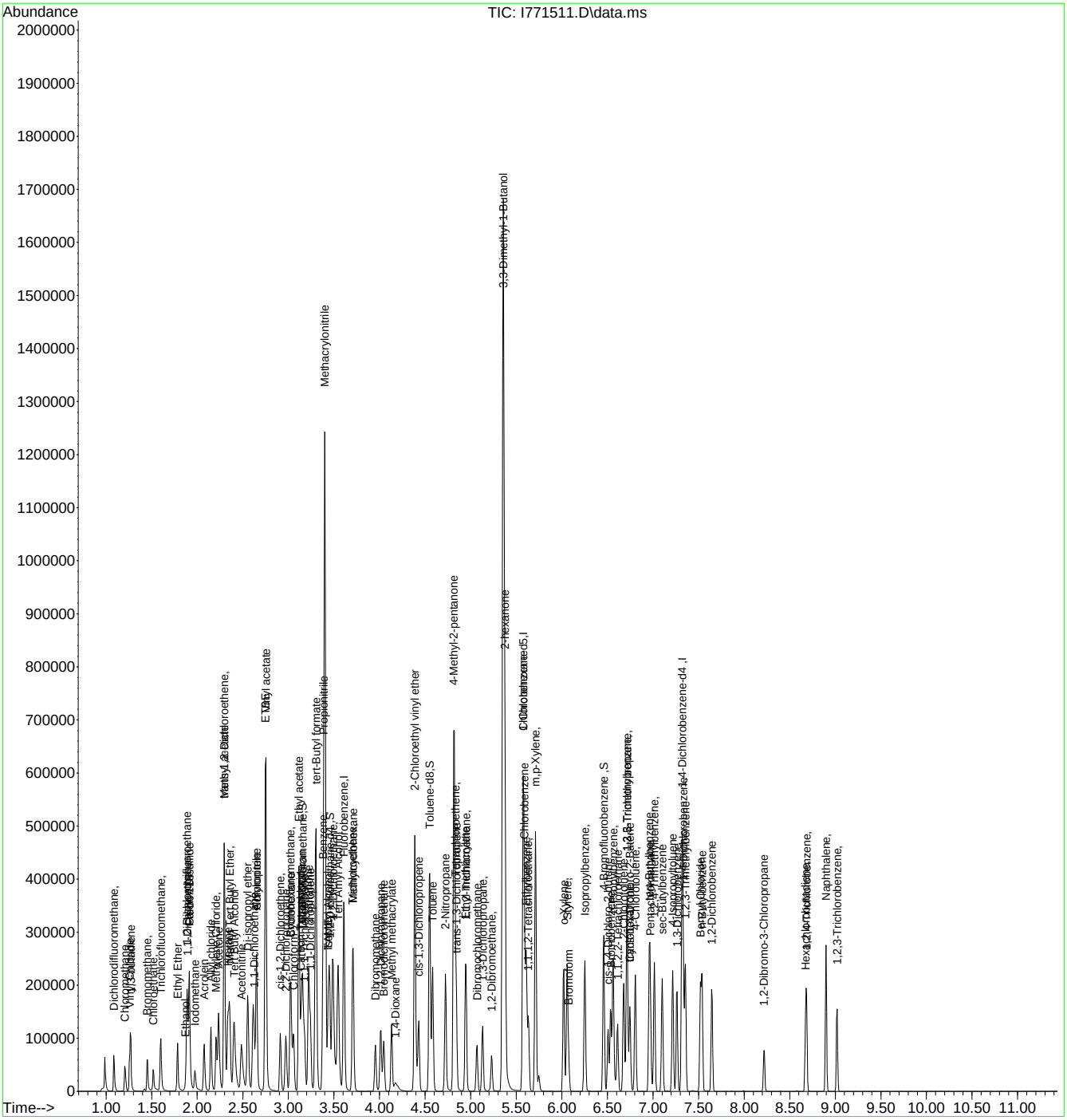
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	13897	40.84	ug/L	97
109) Hexachlorobutadiene	8.673	225	10970	43.10	ug/L	90
110) 1,2,4-Trichlorobenzene	8.685	180	32024	43.66	ug/L	96
111) Naphthalene	8.899	128	128438	43.75	ug/L	100
112) 1,2,3-Trichlorobenzene	9.021	180	30120	42.79	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:49 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration



SGS FC25417

Manual Integration Approval Summary

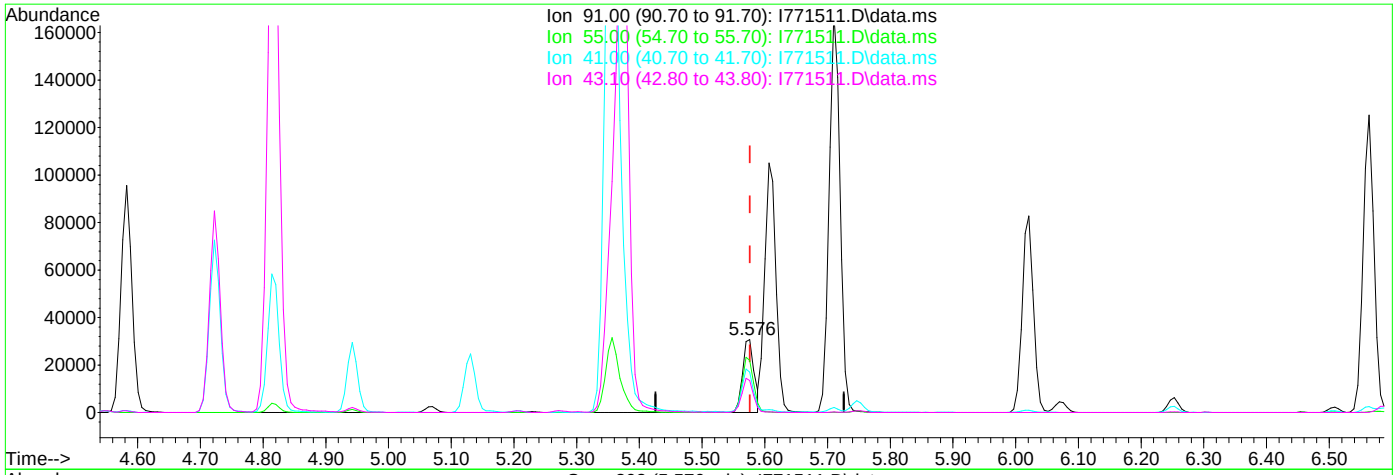
Sample Number: VI3572-ICV3572
Lab FileID: I771511.D
Injection Time: 05/18/25 11:58
Method: SW846 8260D
Analyst approved: 05/18/25 13:42 Jenifer Willis
Supervisor approved: 05/19/25 09:19 Karen Watson

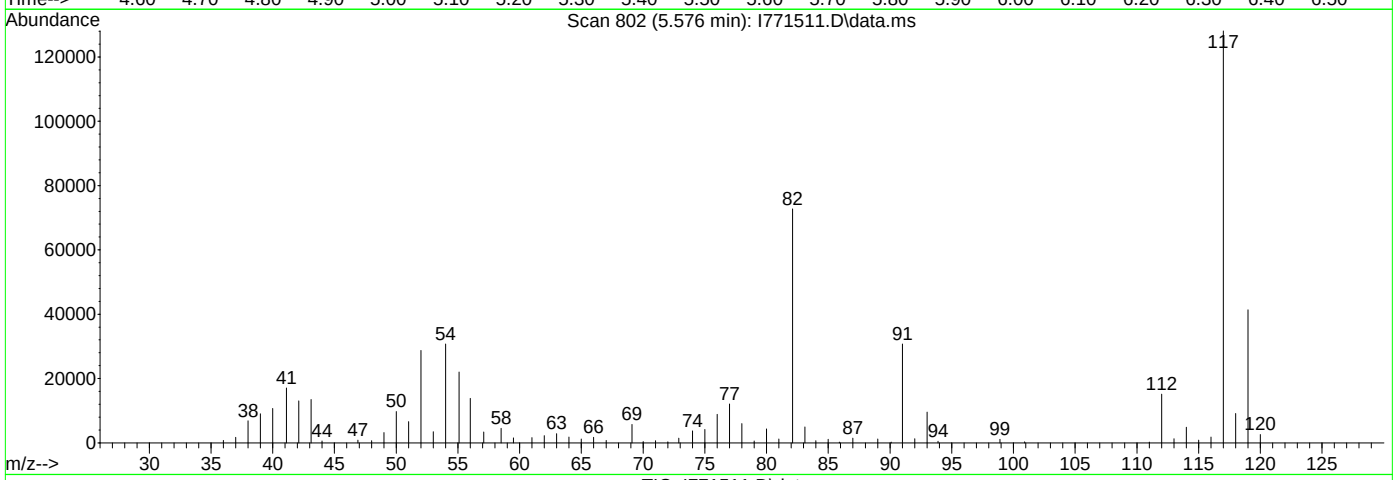
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:02:06 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 38.65ug/L m

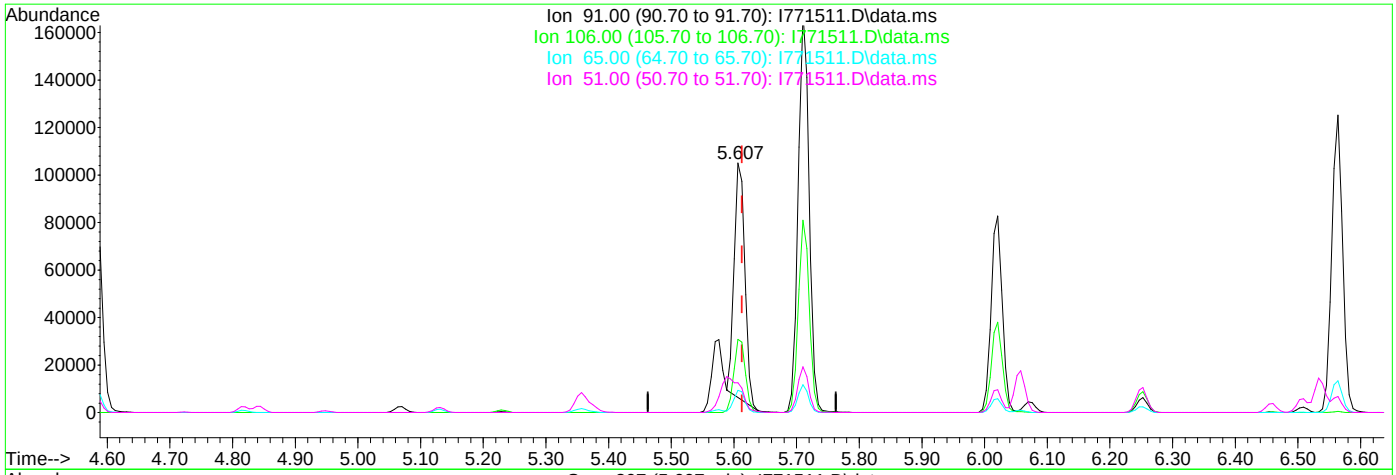
response 39385

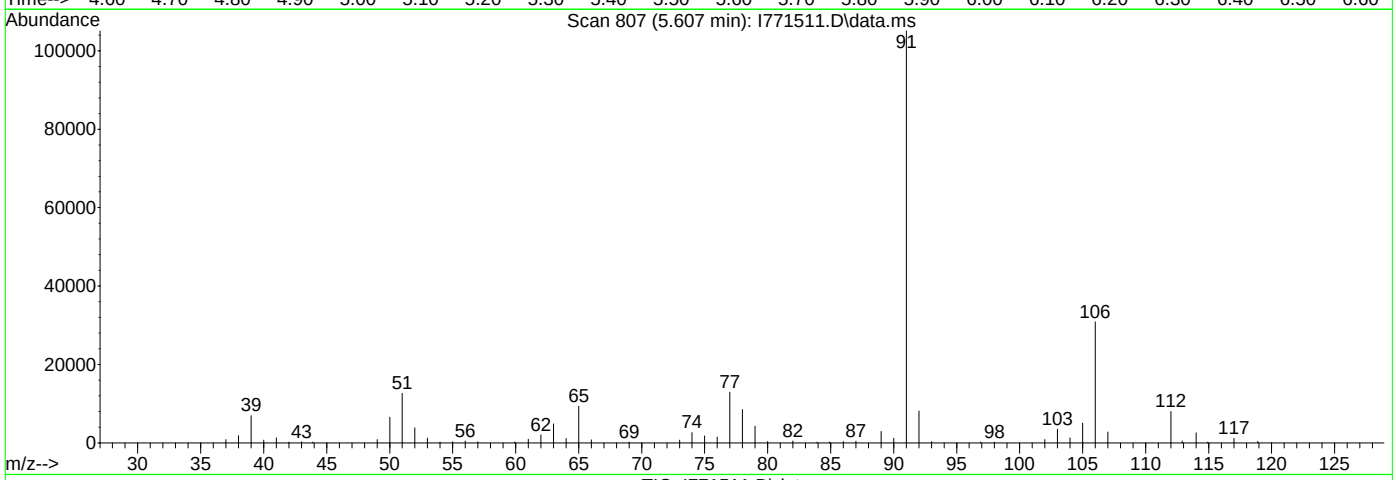
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	71.77
41.00	64.20	55.57
43.10	52.80	43.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:02:06 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(77) Ethylbenzene

5.607min (-0.006) 35.26ug/L

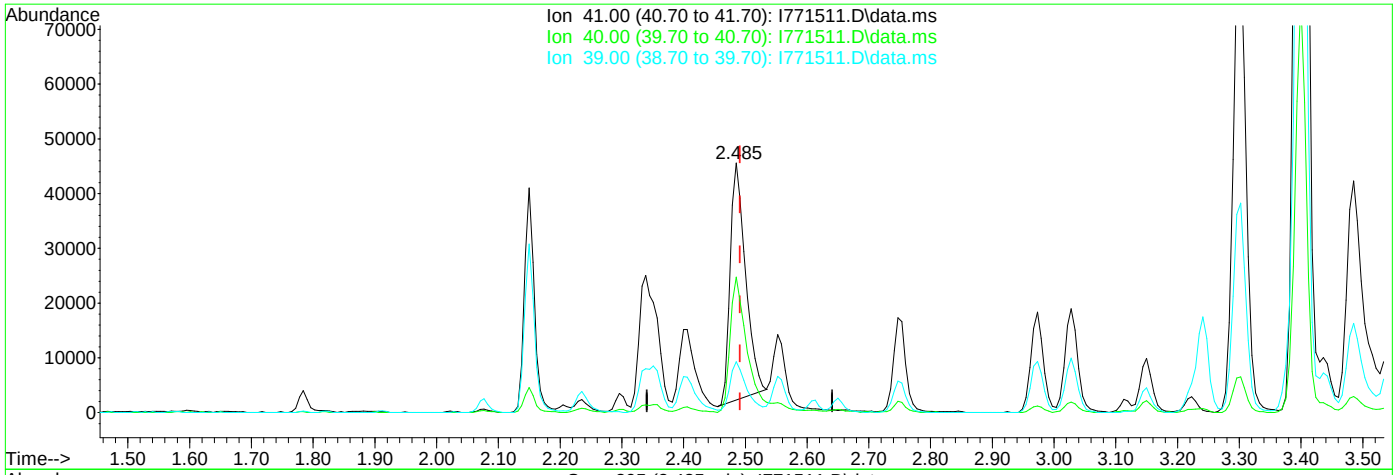
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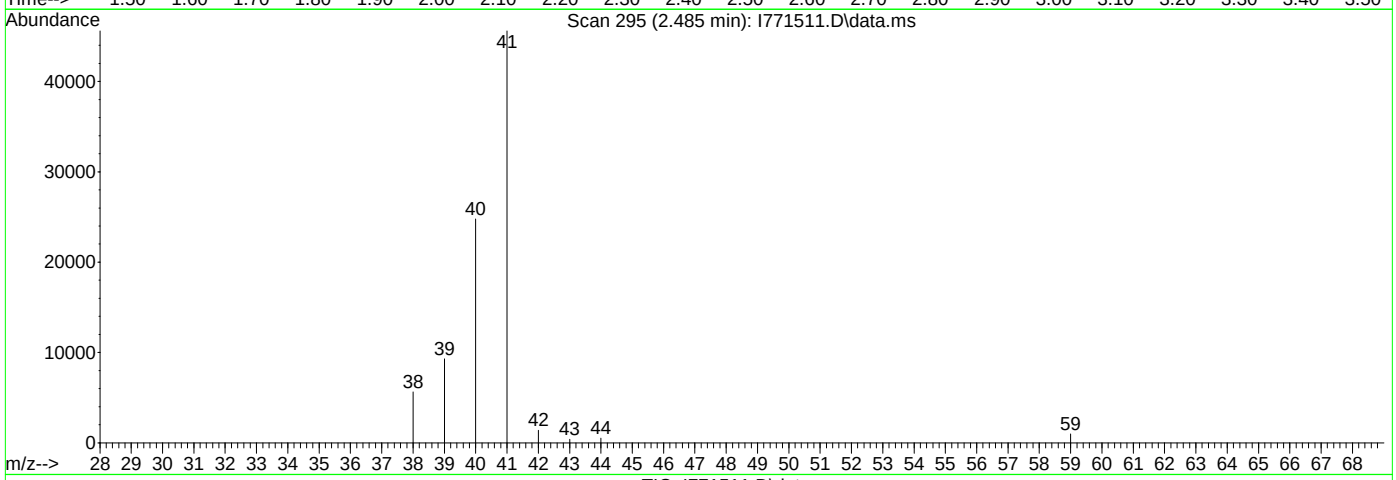
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.32
65.00	9.50	8.80
51.00	11.40	11.59

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:02:06 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 351.83ug/L

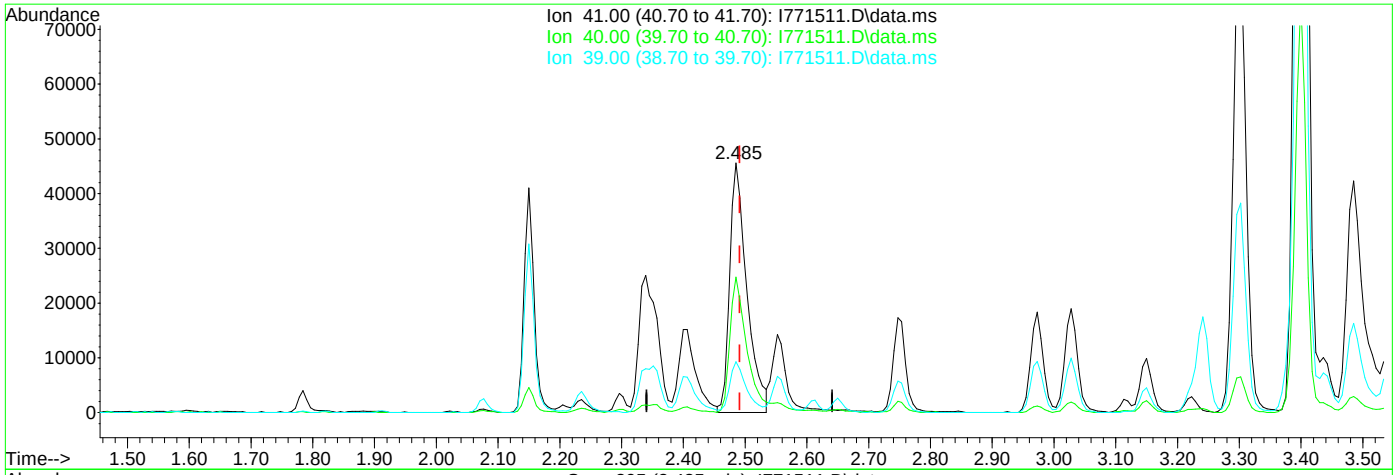
response 74878

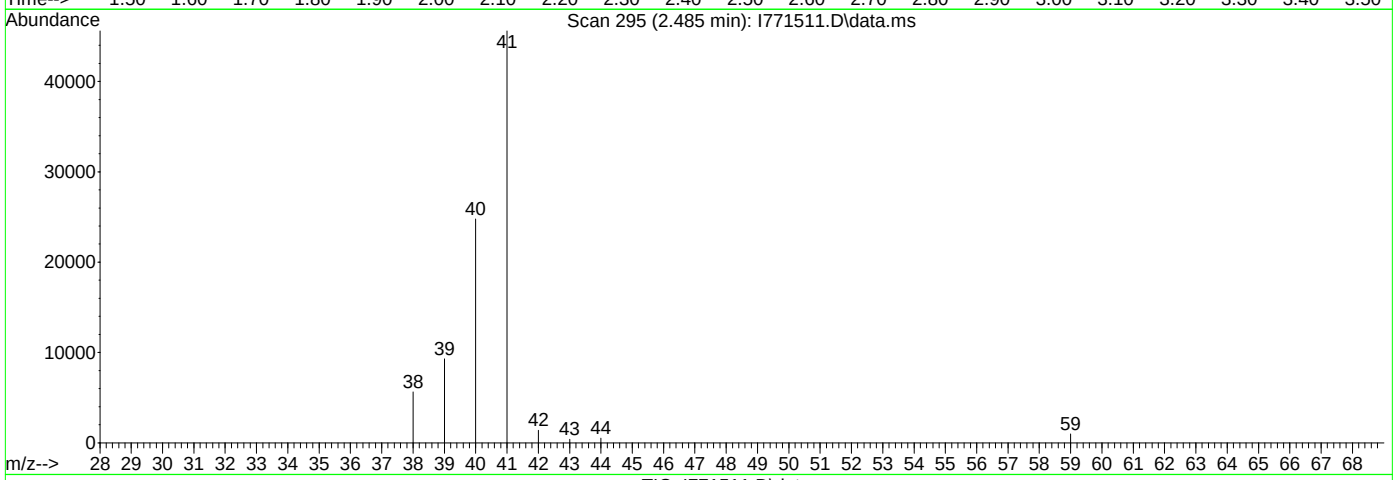
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	55.62
39.00	20.00	19.90
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:23 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 411.04ug/L m

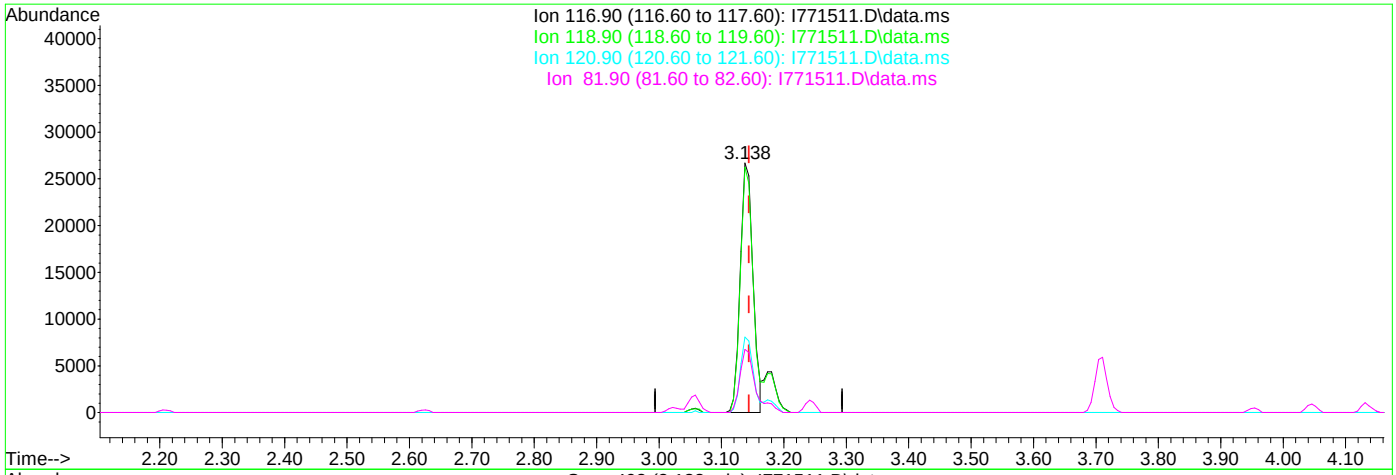
response 87481

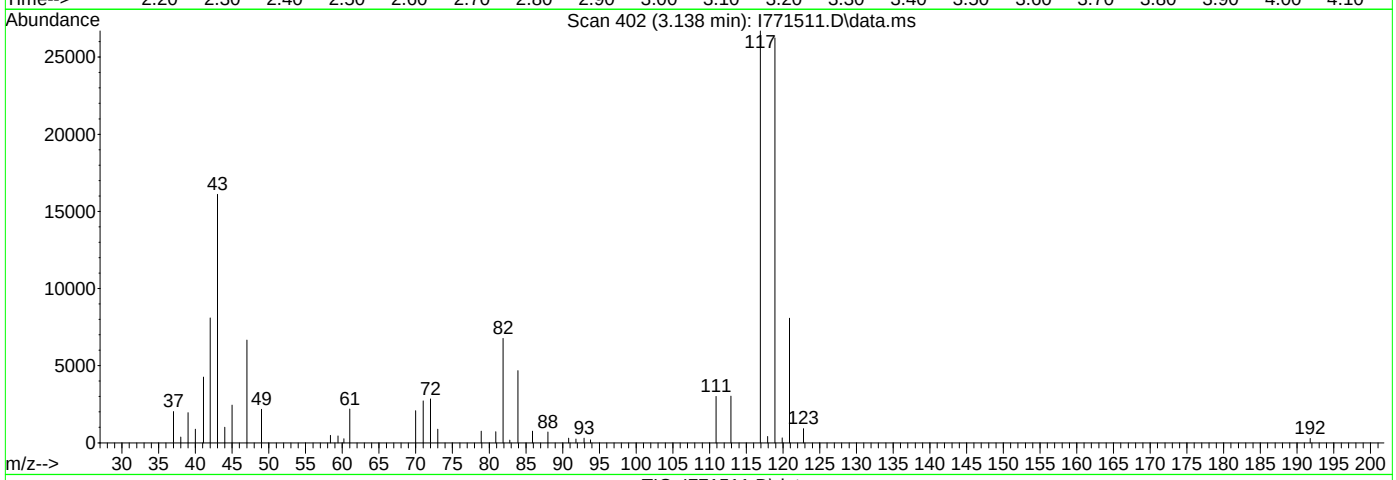
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	54.29
39.00	20.00	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:23 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 40.11ug/L m

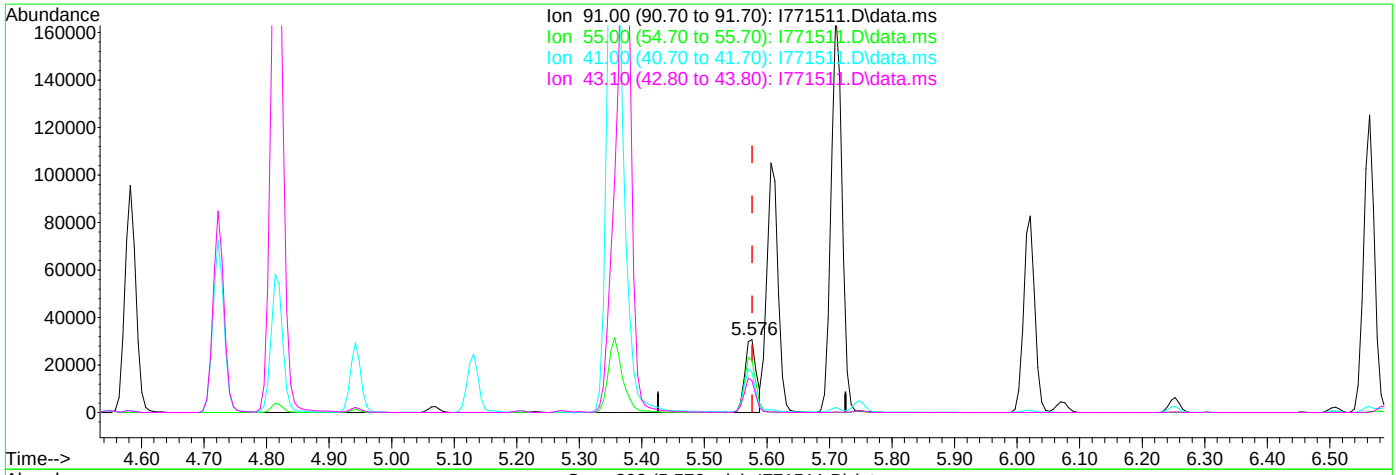
response 37825

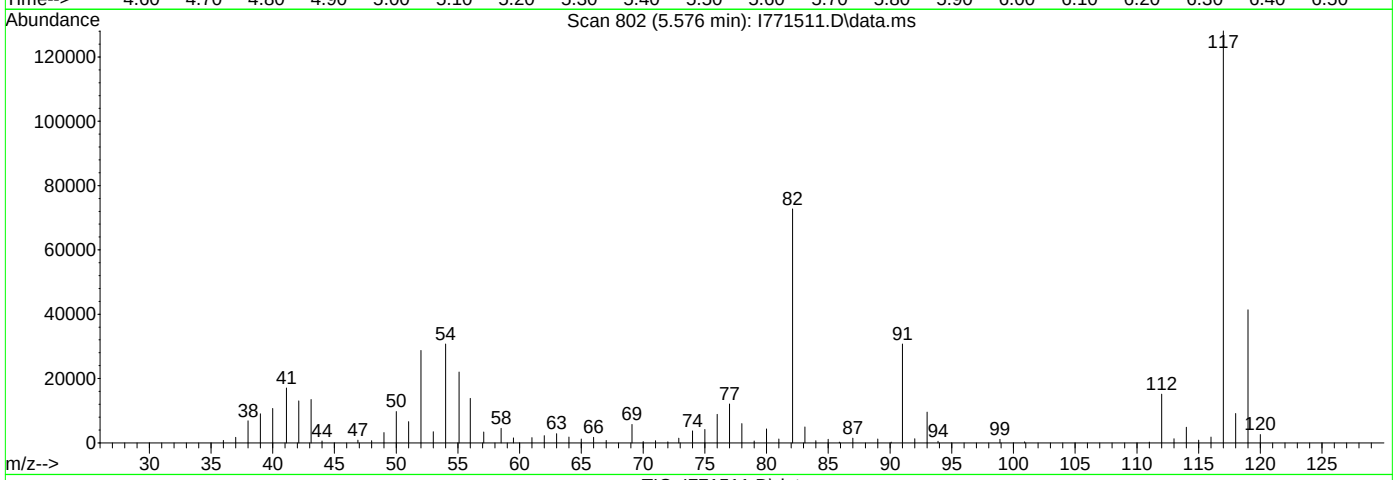
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	98.29
120.90	29.40	30.23
81.90	25.70	25.33

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:23 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 38.66ug/L m

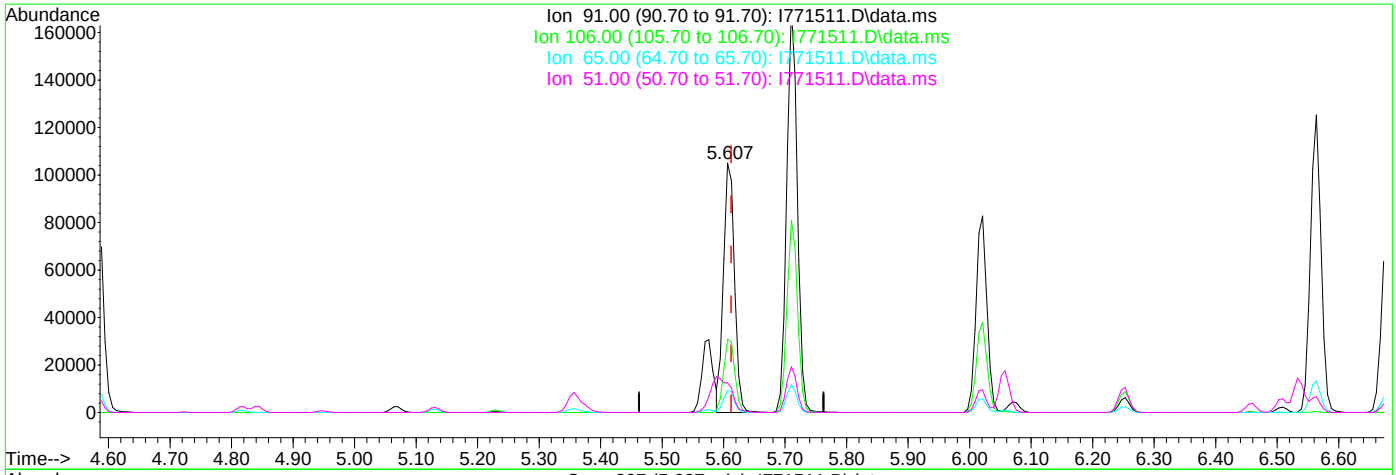
response 39388

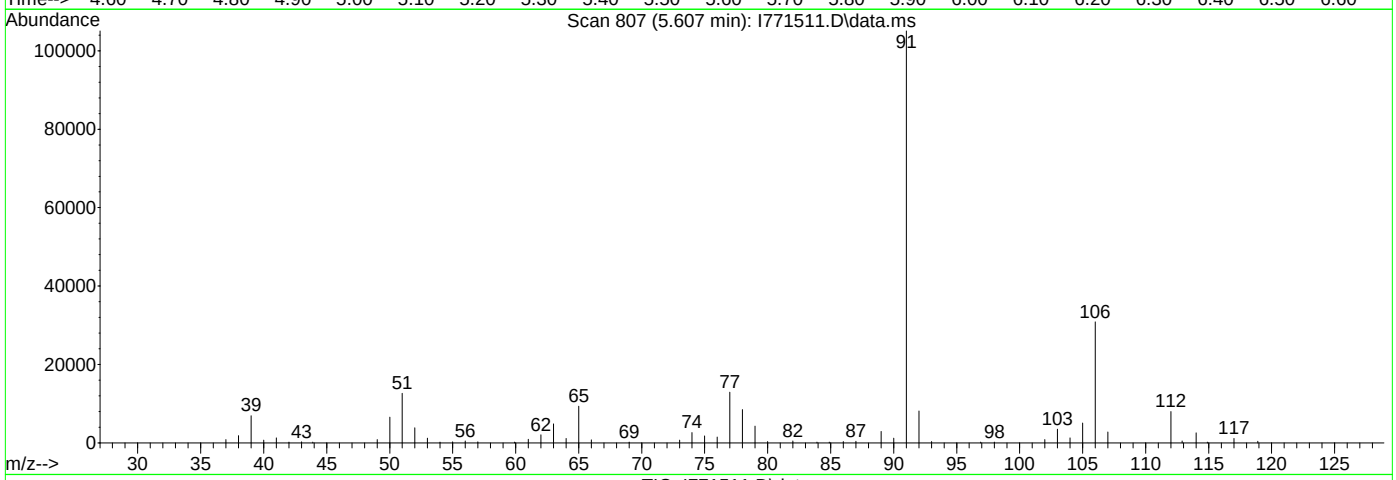
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	71.77
41.00	64.20	55.57
43.10	52.80	43.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\05-18-25\
Data File : I771511.D
Acq On : 18 May 2025 11:58 am
Operator : jeniferw
Sample : ICV3572-5 Inst : VOA16-MSI
Misc : MS59116,VI3572,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 18 13:12:23 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I771511.D\data.ms

(77) Ethylbenzene

5.607min (-0.006) 40.06ug/L m

response 131887

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.35
65.00	9.50	8.91
51.00	11.40	11.99

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
06/18/25 08:20

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	175986	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	132342	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	68037	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	53934	53.76	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 107.52%			
49) 1,2-Dichloroethane-d4	3.454	65	56716	47.81	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 95.62%			
63) Toluene-d8	4.552	98	162674	47.90	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.80%			
86) 4-Bromofluorobenzene	6.460	174	51456	50.13	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	37099	43.25	ug/L	99
3) Chloromethane	1.211	50	34779	45.28	ug/L	98
4) 1,3-butadiene	1.272	39	23517	38.35	ug/L	94
5) Vinyl Chloride	1.260	62	33518	43.73	ug/L	100
6) Bromomethane	1.455	94	16190	36.50	ug/L	100
7) Chloroethane	1.516	64	12786	37.48	ug/L	98
8) Trichlorofluoromethane	1.601	101	42597	41.04	ug/L	99
9) Ethyl Ether	1.784	59	26882	42.43	ug/L	97
10) Ethanol	1.882	45	19704	822.98	ug/L	95
11) 1,2-Dichlorotrifluoroe...	1.888	67	31034	41.51	ug/L	97
12) 1,1-Dichloroethene	1.894	61	35725	37.17	ug/L	93
13) Freon 113	1.912	101	25600	45.29	ug/L	92
14) Carbon Disulfide	1.912	76	85412	44.38	ug/L	94
15) Iodomethane	1.973	142	30513	50.19	ug/L	96
16) Acrolein	2.077	56	49605	198.59	ug/L	97
17) Allyl chloride	2.150	41	23587	22.45	ug/L	94
18) Methylene Chloride	2.211	49	37110	38.11	ug/L	95
19) Acetone	2.241	43	99439	198.80	ug/L	96
20) Methyl acetate	2.302	43	237964	200.00	ug/L	96
21) trans-1,2-Dichloroethene	2.296	61	35503	38.65	ug/L	93
22) Hexane	2.339	56	21999	43.87	ug/L #	74
23) Methyl Tert Butyl Ether	2.357	73	86087	42.38	ug/L #	56
24) Acetonitrile	2.491	41	73439m	411.34	ug/L	
25) Tert Butyl Alcohol	2.412	59	138161	445.32	ug/L	77
26) Di-isopropyl ether	2.558	45	99653	47.59	ug/L	98
27) Chloroprene	2.656	53	120827	48.63	ug/L	83
28) 1,1-Dichloroethane	2.625	63	50095	43.68	ug/L	97
29) Acrylonitrile	2.656	52	93170	230.57	ug/L #	68
30) ETBE	2.753	59	96111	46.13	ug/L	95
31) Vinyl acetate	2.753	43	433217	231.44	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	28739	44.83	ug/L	90
33) 2,2-Dichloropropane	2.973	77	39026	43.04	ug/L	99
34) Bromochloromethane	3.022	128	15702	49.34	ug/L	97
35) Cyclohexane	3.028	56	46177	48.95	ug/L	96
36) Chloroform	3.058	83	53127	44.53	ug/L	96
37) Ethyl acetate	3.119	43	307771	228.97	ug/L	99
38) Tetrahydrofuran	3.150	42	23686	45.35	ug/L	91
40) Carbon Tetrachloride	3.144	117	35315m	44.64	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	40160	44.15	ug/L	93
42) 2-Butanone	3.223	43	183277	224.59	ug/L	93
43) 1,1-Dichloropropene	3.241	75	31916	43.56	ug/L	90
44) tert-Butyl formate	3.302	59	114490	177.43	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.393	54	96047	419.57	ug/L	#	24
46)	Methacrylonitrile	3.400	41	285298	389.53	ug/L		95
47)	Benzene	3.381	78	107624	44.63	ug/L		97
48)	TAME	3.442	73	86040	46.07	ug/L	#	62
50)	1,2-Dichloroethane	3.491	62	39102	41.35	ug/L		99
51)	Isobutyl Alcohol	3.442	43	22316	778.19	ug/L		76
52)	Tert Amyl Alcohol	3.546	59	110381	460.37	ug/L		98
53)	Trichloroethene	3.710	95	28749	44.16	ug/L		96
54)	Methylcyclohexane	3.710	83	38926	49.13	ug/L		93
55)	Dibromomethane	3.954	93	21317	45.89	ug/L		96
56)	1,2-Dichloropropane	4.015	63	29335	45.85	ug/L		92
57)	Bromodichloromethane	4.046	83	40543	44.73	ug/L		96
58)	Methyl methacrylate	4.131	41	30527	37.69	ug/L		87
59)	1,4-Dioxane	4.174	88	16665	949.62	ug/L		95
60)	2-Chloroethyl vinyl ether	4.387	63	125897	223.83	ug/L		94
61)	cis-1,3-Dichloropropene	4.430	75	47881	47.19	ug/L		88
64)	Toluene	4.582	91	112578	43.99	ug/L		100
65)	2-Nitropropane	4.722	41	63064	192.07	ug/L		99
66)	4-Methyl-2-pentanone	4.820	43	290123	224.99	ug/L		95
67)	trans-1,3-Dichloropropene	4.844	75	46526	44.98	ug/L		87
68)	Tetrachloroethene	4.832	166	26766	45.71	ug/L		91
69)	Ethyl methacrylate	4.942	69	38926	41.63	ug/L		83
70)	1,1,2-Trichloroethane	4.948	83	25689	47.66	ug/L		94
71)	Dibromochloromethane	5.070	129	31959	46.77	ug/L		98
72)	1,3-Dichloropropane	5.131	76	49501	46.51	ug/L		88
73)	1,2-Dibromoethane	5.228	107	32856	46.56	ug/L		97
74)	3,3-Dimethyl-1-Butanol	5.357	57	581382	2180.68	ug/L		96
75)	2-hexanone	5.375	43	324611	210.20	ug/L		80
76)	1-Chlorohexane	5.576	91	36981m	42.73	ug/L		
77)	Ethylbenzene	5.606	91	125749m	44.97	ug/L		
78)	Chlorobenzene	5.588	112	74049	44.73	ug/L		98
79)	1,1,1,2-Tetrachloroethane	5.637	131	27282	47.25	ug/L		96
80)	m,p-Xylene	5.710	91	195400	92.35	ug/L		98
81)	o-Xylene	6.021	91	96266	45.75	ug/L		100
82)	Styrene	6.058	104	80324	50.68	ug/L		96
83)	Bromoform	6.076	173	22990	48.76	ug/L		97
84)	Isopropylbenzene	6.253	105	113150	46.68	ug/L		97
87)	cis-1,4-Dichloro-2-butene	6.509	53	15548	36.90	ug/L		96
88)	n-Propylbenzene	6.564	91	139919	44.69	ug/L		100
89)	Bromobenzene	6.539	156	32213	45.54	ug/L		89
90)	1,1,2,2-Tetrachloroethane	6.612	83	50101	44.61	ug/L		98
91)	1,3,5-Trimethylbenzene	6.716	105	94381	45.75	ug/L		100
92)	2-Chlorotoluene	6.679	91	78076	44.17	ug/L		95
93)	trans-1,4-Dichloro-2-B...	6.746	53	12380	37.72	ug/L	#	75
94)	1,2,3-Trichloropropane	6.716	110	15232	44.52	ug/L		79
95)	Cyclohexanone	6.740	55	19933	227.74	ug/L		94
96)	4-Chlorotoluene	6.807	91	88827	44.78	ug/L		92
97)	tert-Butylbenzene	6.960	91	49261	43.74	ug/L		96
98)	1,2,4-Trimethylbenzene	7.015	105	97052	46.56	ug/L		98
99)	Pentachloroethane	6.972	167	17064	45.14	ug/L	#	15
100)	sec-Butylbenzene	7.100	105	108209	45.78	ug/L		99
101)	4-Isopropyltoluene	7.216	119	89898	46.17	ug/L		96
102)	1,3-Dichlorobenzene	7.265	146	57181	45.53	ug/L		98
103)	1,2,3-Trimethylbenzene	7.356	105	102882	47.31	ug/L		97
104)	1,4-Dichlorobenzene	7.332	146	58921	44.89	ug/L		98
105)	n-Butylbenzene	7.539	92	50244	46.02	ug/L		99
106)	Benzyl Chloride	7.521	126	18105	47.87	ug/L		96
107)	1,2-Dichlorobenzene	7.643	146	54661	45.81	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

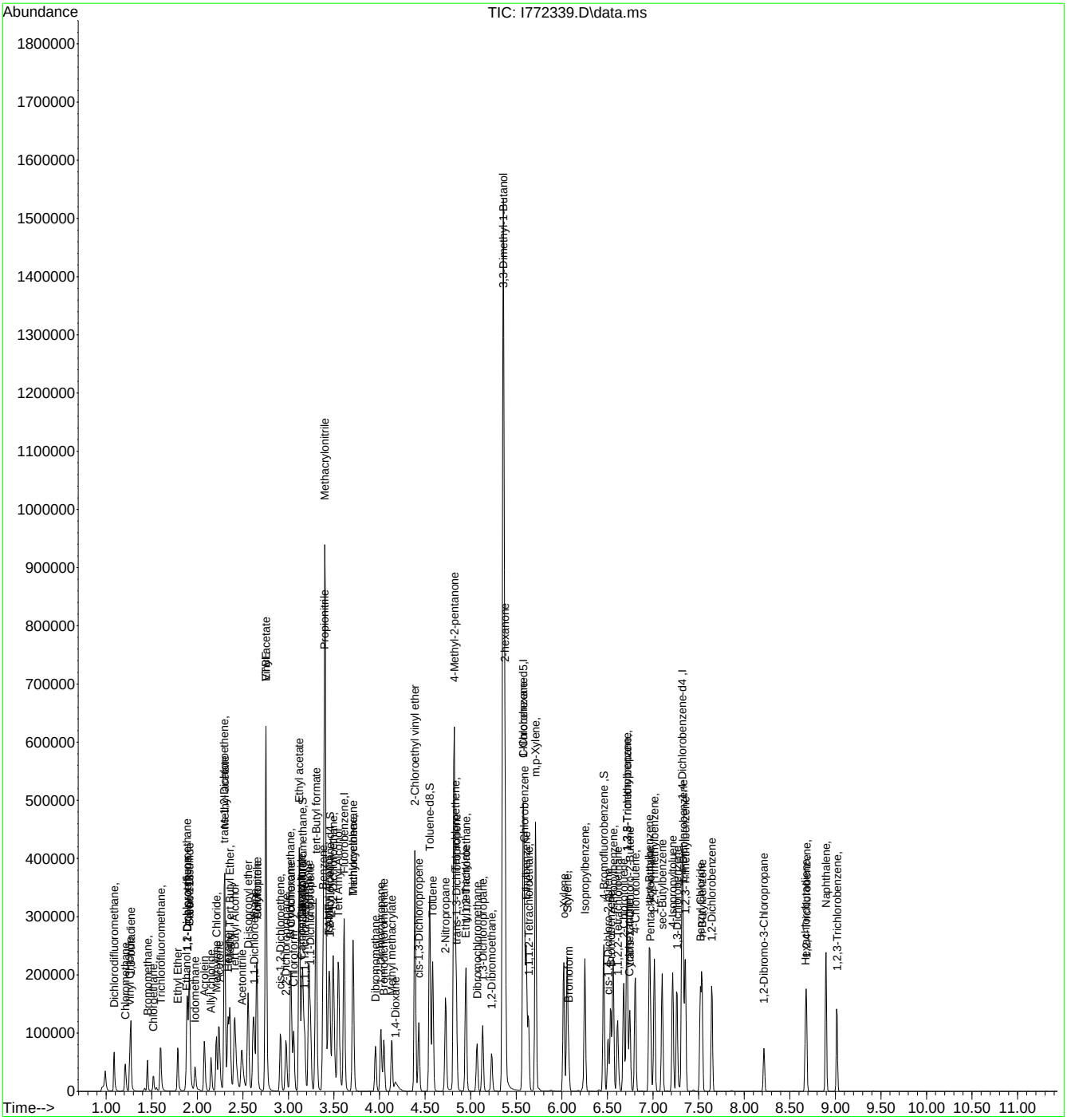
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	12995	43.04	ug/L	86
109) Hexachlorobutadiene	8.673	225	10223	45.26	ug/L	90
110) 1,2,4-Trichlorobenzene	8.685	180	29363	45.11	ug/L	97
111) Naphthalene	8.899	128	120229	46.15	ug/L	99
112) 1,2,3-Trichlorobenzene	9.020	180	28923	46.30	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:50 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration



Manual Integration Approval Summary

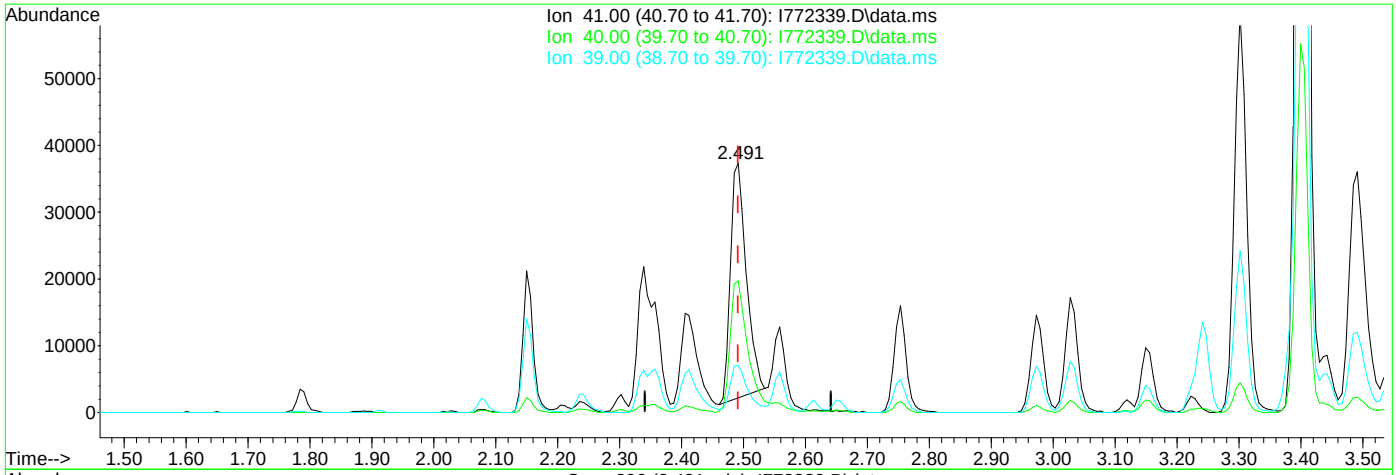
Sample Number: VI3607-CC3572
Lab FileID: I772339.D
Injection Time: 06/17/25 06:51
Method: SW846 8260D
Analyst approved: 06/17/25 10:12 Jenifer Willis
Supervisor approved: 06/18/25 08:20 Karen Watson

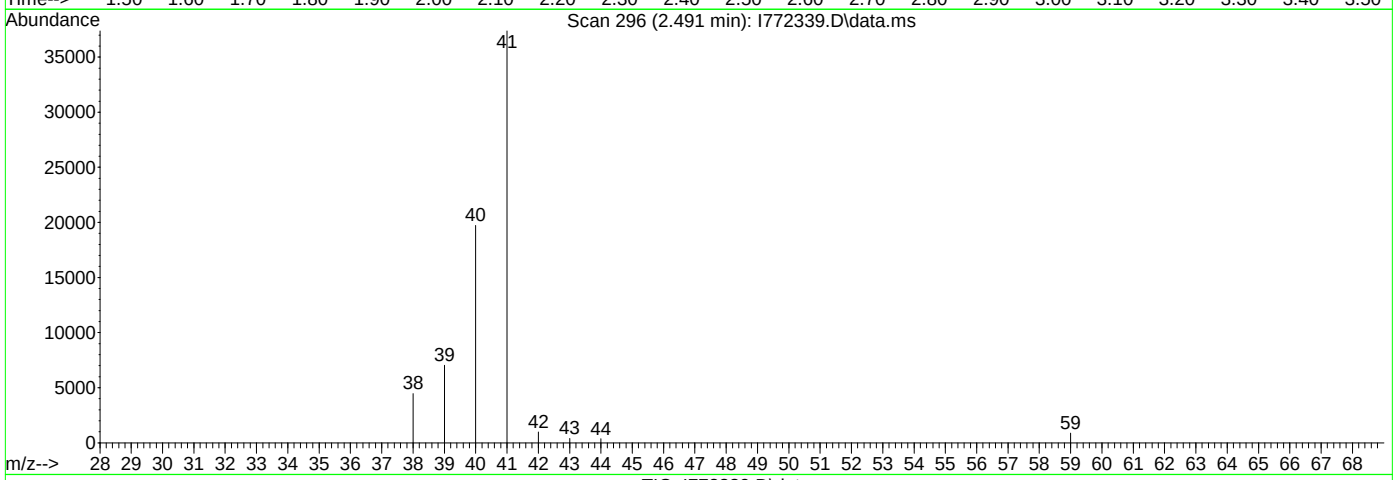
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 351.62ug/L

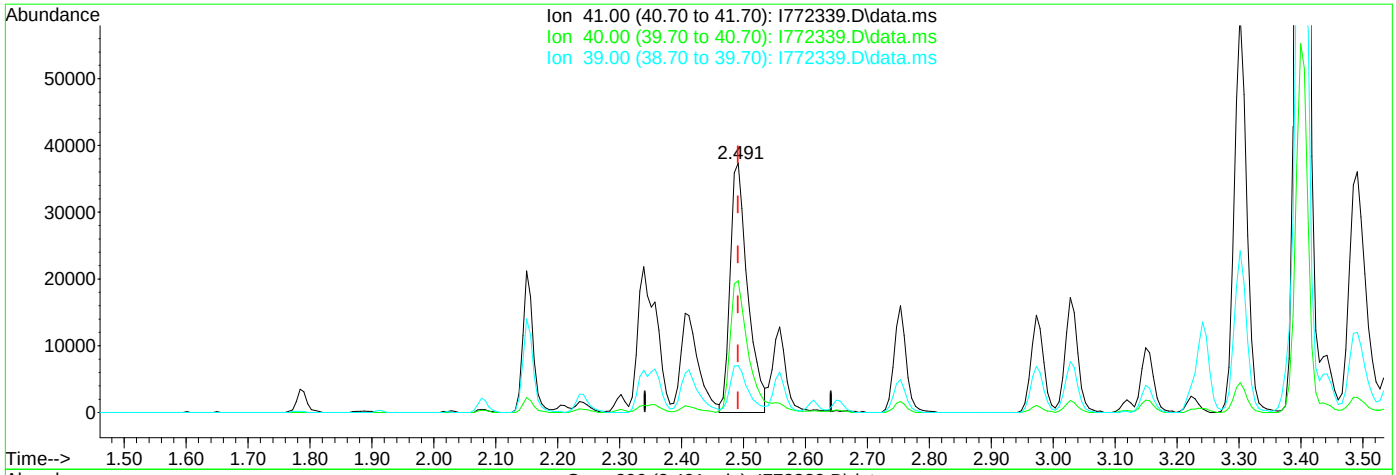
response 62776

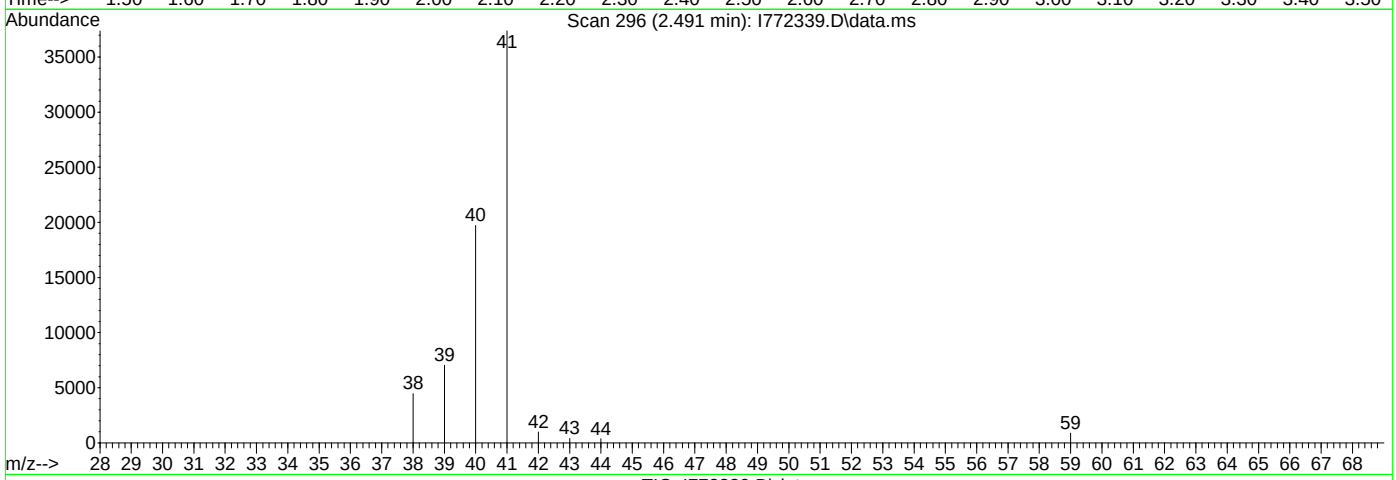
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	53.89
39.00	20.00	18.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 411.34ug/L m

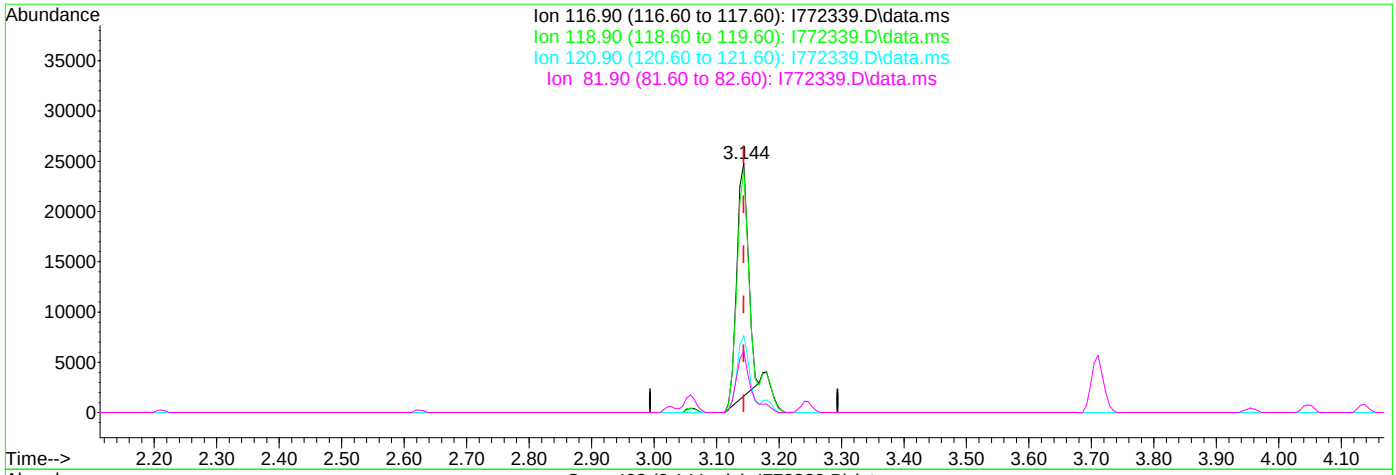
response 73439

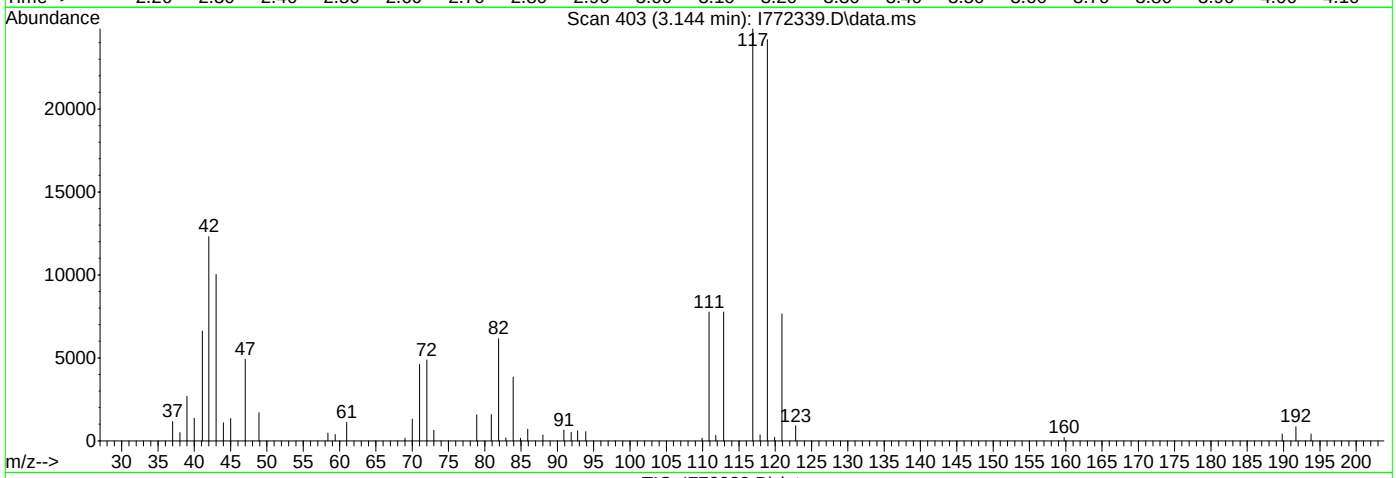
Ion	Exp%	Act%
41.00	100	100
40.00	55.00	52.75
39.00	20.00	18.79
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 38.53ug/L

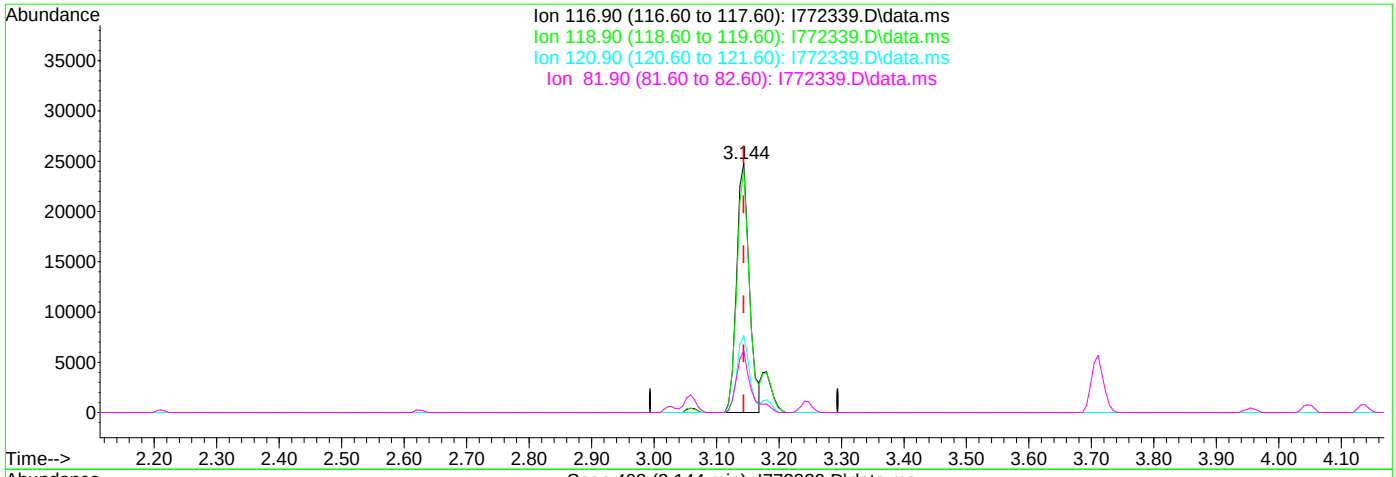
response 30480

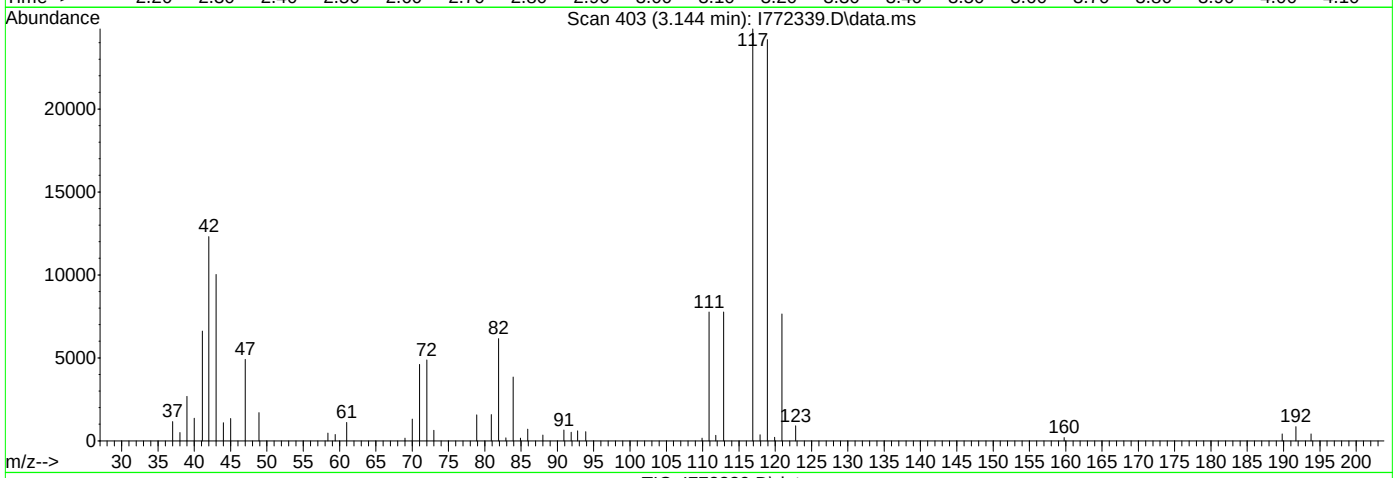
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.39
120.90	29.40	30.77
81.90	25.70	24.81

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 44.64ug/L m

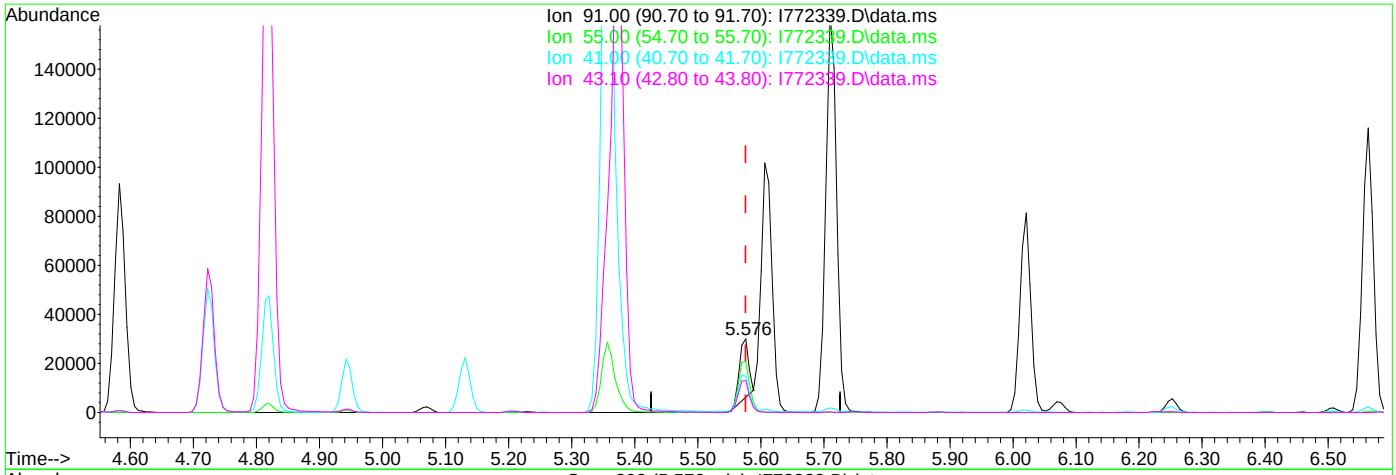
response 35315

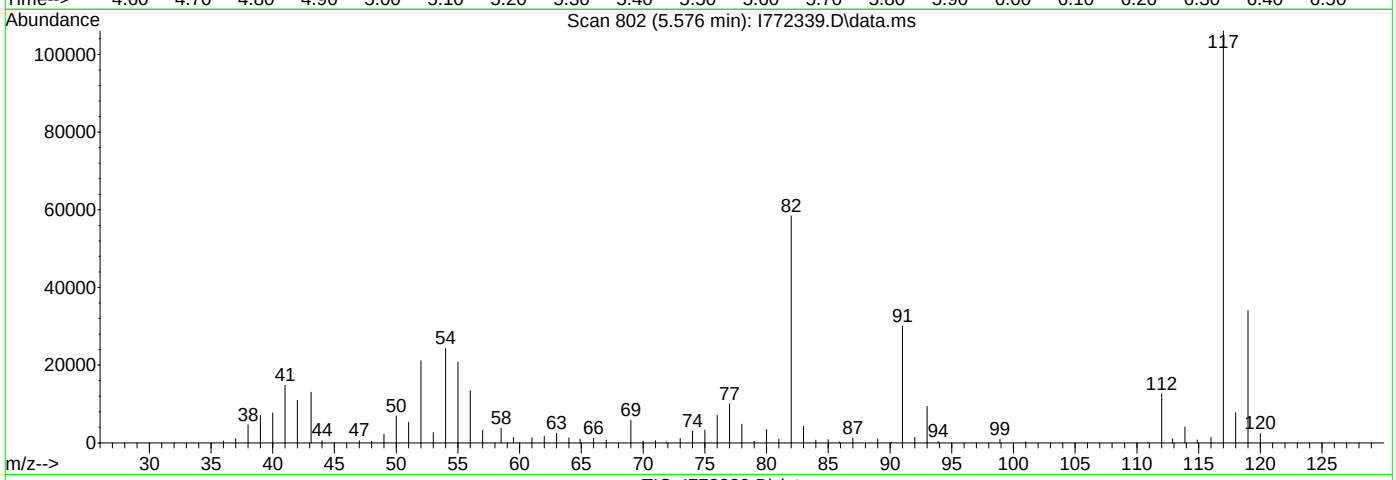
Ion	Exp%	Act%
116.90	100	100
118.90	95.50	97.39
120.90	29.40	30.77
81.90	25.70	24.81

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 30.51ug/L

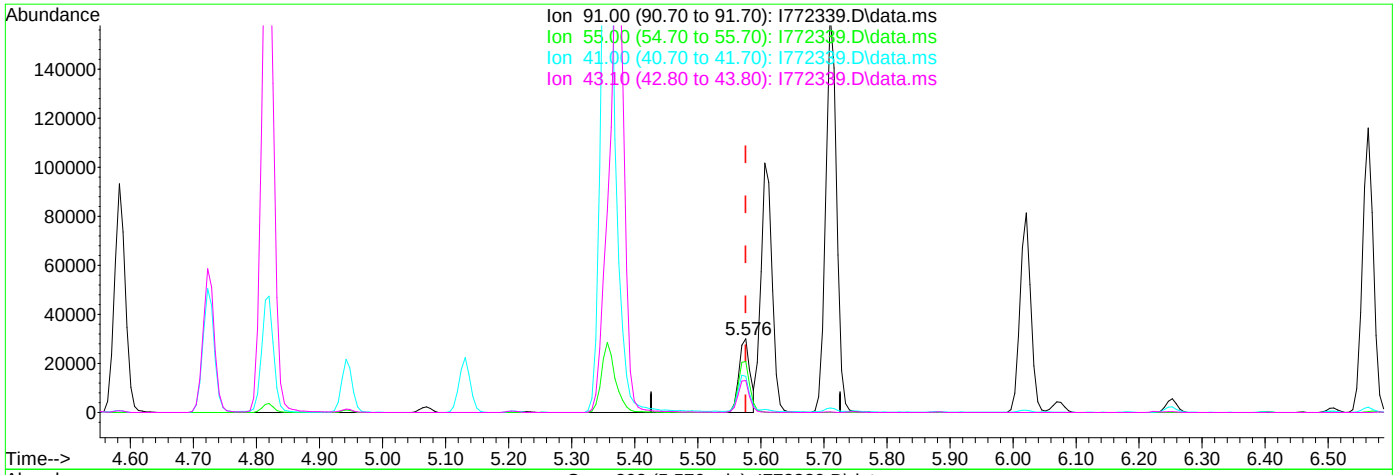
response 26402

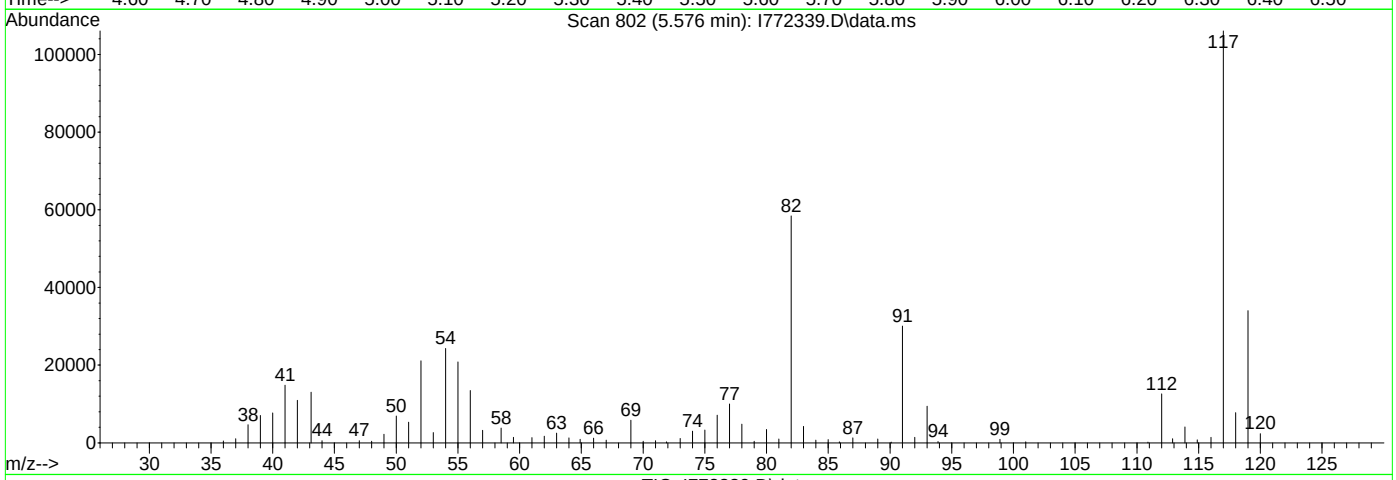
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	68.95
41.00	64.20	47.52
43.10	52.80	42.56

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(76) 1-Chlorohexane

5.576min (-0.000) 42.73ug/L m

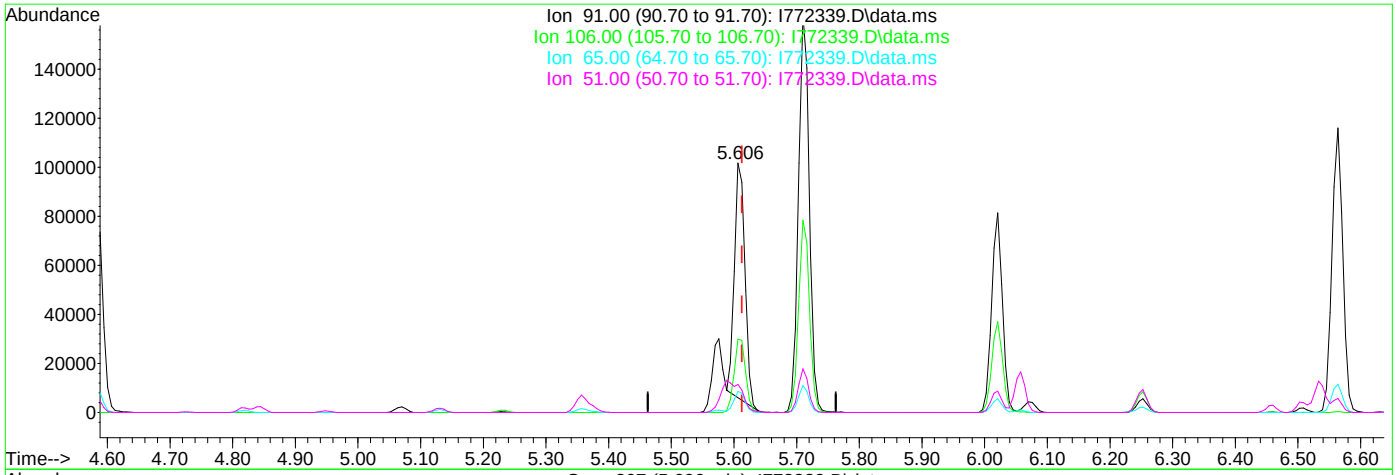
response 36981

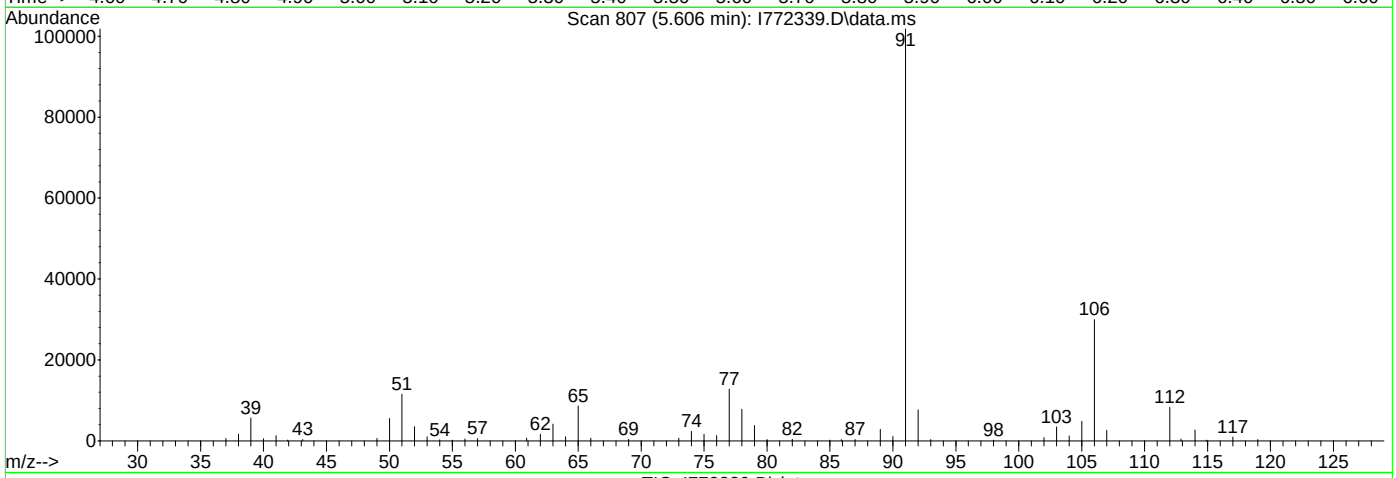
Ion	Exp%	Act%
91.00	100	100
55.00	80.70	69.35
41.00	64.20	49.38
43.10	52.80	43.41

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(77) Ethylbenzene

5.606min (-0.006) 39.62ug/L

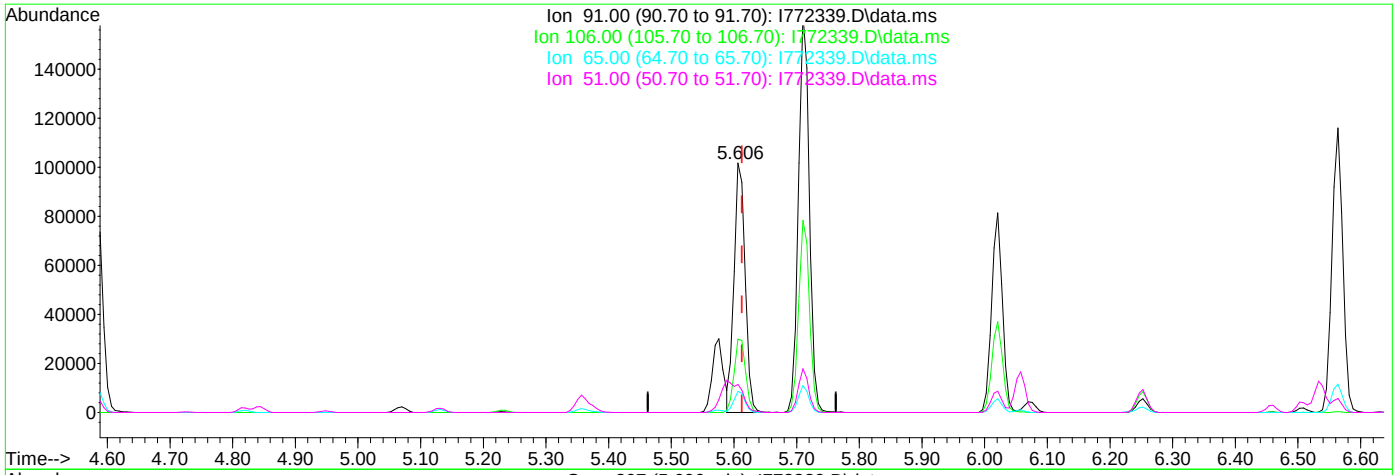
response 110790

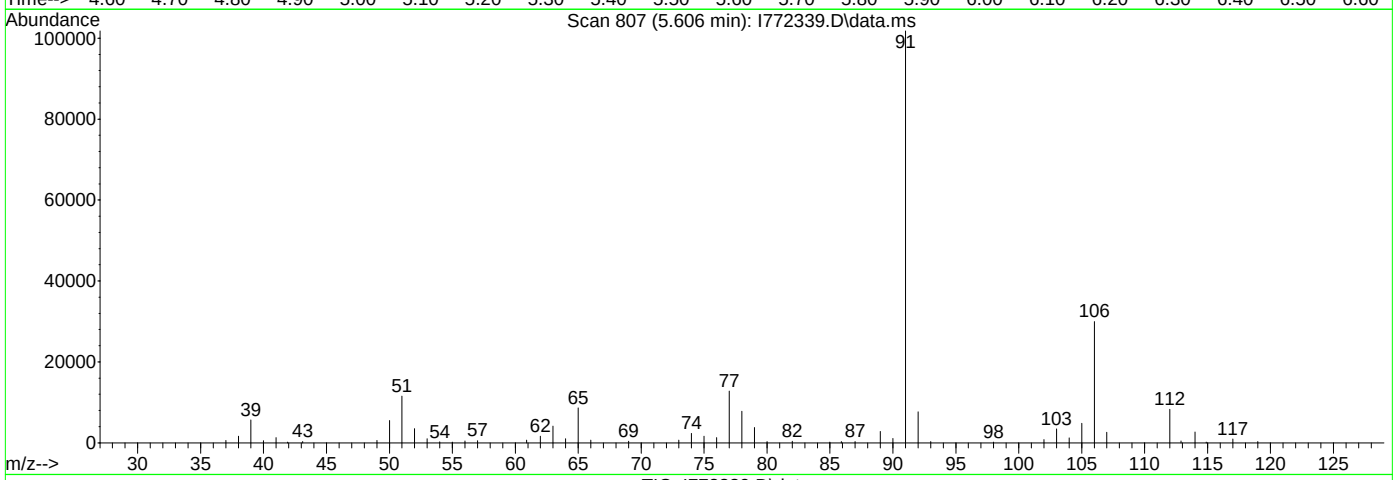
Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.38
65.00	9.50	8.57
51.00	11.40	10.98

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\06-17-25\
Data File : I772339.D
Acq On : 17 Jun 2025 6:51 am
Operator : jeniferw
Sample : CC3572-5 Inst : VOA16-MSI
Misc : MS59352,VI3607,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 07:28:11 2025
Quant Method : C:\msdchem\1\methods\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration





TIC: I772339.D\data.ms

(77) Ethylbenzene

5.606min (-0.006) 44.97ug/L m

response 125749

Ion	Exp%	Act%
91.00	100	100
106.00	30.80	29.41
65.00	9.50	8.49
51.00	11.40	11.33

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772366.d
Acq On : 17 Jun 2025 2:22 pm
Operator : jeniferw
Sample : ECC3572-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 17 20:54:25 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	170460	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.582	117	128286	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	66895	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.162	113	51949	53.46	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 106.92%			
49) 1,2-Dichloroethane-d4	3.455	65	54768	47.67	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 95.34%			
63) Toluene-d8	4.552	98	158631	48.19	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.38%			
86) 4-Bromofluorobenzene	6.460	174	50759	50.29	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.58%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	34163	41.1186	ug/L	99
3) Chloromethane	1.211	50	31424	42.2369	ug/L	95
4) 1,3-butadiene	1.272	39	22916	38.5863	ug/L	96
5) Vinyl Chloride	1.260	62	31069	41.8505	ug/L	98
6) Bromomethane	1.455	94	15403	35.8523	ug/L	100
7) Chloroethane	1.522	64	11034	33.3917	ug/L	98
8) Trichlorofluoromethane	1.601	101	39946	39.7287	ug/L	100
9) Ethyl Ether	1.790	59	23706	38.6262	ug/L	98
10) Ethanol	1.888	45	19546	842.8439	ug/L	91
11) 1,2-Dichlorotrifluoroe...	1.888	67	26913	37.1611	ug/L	99
12) 1,1-Dichloroethene	1.894	61	31009	33.3087	ug/L	92
13) Freon 113	1.918	101	22549	41.1891	ug/L	96
14) Carbon Disulfide	1.912	76	72633	38.9635	ug/L	94
15) Iodomethane	1.979	142	28059	47.7610	ug/L	98
16) Acrolein	2.083	56	44399	183.5112	ug/L	97
17) Allyl chloride	2.156	41	20529	20.1725	ug/L	94
18) Methylene Chloride	2.211	49	31803	33.7225	ug/L	97
19) Acetone	2.241	43	92009	189.9043	ug/L	97
20) Methyl acetate	2.302	43	212747	184.6004	ug/L	97
21) trans-1,2-Dichloroethene	2.296	61	30527	34.3095	ug/L	95
22) Hexane	2.339	56	18244	37.5599	ug/L #	74
23) Methyl Tert Butyl Ether	2.363	73	75816	38.5301	ug/L #	52
24) Acetonitrile	2.491	41	56084	324.3194	ug/L	97
25) Tert Butyl Alcohol	2.412	59	126233	420.0609	ug/L	80
26) Di-isopropyl ether	2.558	45	83217	41.0298	ug/L	98
27) Chloroprene	2.656	53	110624	45.9632	ug/L	83
28) 1,1-Dichloroethane	2.625	63	43772	39.4025	ug/L	94
29) Acrylonitrile	2.656	52	85745	219.0786	ug/L #	69
30) ETBE	2.753	59	85088	42.1612	ug/L	96
31) Vinyl acetate	2.753	43	379600	209.3686	ug/L	98
32) cis-1,2-Dichloroethene	2.918	96	25396	40.8976	ug/L	89
33) 2,2-Dichloropropane	2.979	77	32142	36.5978	ug/L	98
34) Bromochloromethane	3.028	128	13851	44.9363	ug/L #	89
35) Cyclohexane	3.034	56	39636	43.3767	ug/L	92
36) Chloroform	3.058	83	46602	40.3316	ug/L	96
37) Ethyl acetate	3.119	43	280298	215.2889	ug/L	98
38) Tetrahydrofuran	3.156	42	21218	41.9454	ug/L	92
40) Carbon Tetrachloride	3.144	117	26258	34.2711	ug/L	98
41) 1,1,1-Trichloroethane	3.180	97	35595	40.4007	ug/L	93
42) 2-Butanone	3.229	43	169536	214.4902	ug/L	91
43) 1,1-Dichloropropene	3.247	75	28160	39.6807	ug/L	87
44) tert-Butyl formate	3.308	59	102252	163.5969	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772366.d
Acq On : 17 Jun 2025 2:22 pm
Operator : jeniferw
Sample : ECC3572-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 17 20:54:25 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	86646	390.7752	ug/L	#	41
46) Methacrylonitrile	3.406	41	255749	360.5021	ug/L		95
47) Benzene	3.387	78	94007	40.2472	ug/L		86
48) TAME	3.442	73	72485	40.0743	ug/L	#	61
50) 1,2-Dichloroethane	3.497	62	34051	37.1744	ug/L		98
51) Isobutyl Alcohol	3.442	43	19750	711.0410	ug/L		76
52) Tert Amyl Alcohol	3.552	59	97030	417.8050	ug/L		95
53) Trichloroethene	3.711	95	25198	39.9574	ug/L		97
54) Methylcyclohexane	3.711	83	33785	44.0227	ug/L		94
55) Dibromomethane	3.954	93	18713	41.5891	ug/L		96
56) 1,2-Dichloropropane	4.015	63	26070	42.0721	ug/L		94
57) Bromodichloromethane	4.052	83	34950	39.8062	ug/L		97
58) Methyl methacrylate	4.137	41	27486	35.0313	ug/L		84
59) 1,4-Dioxane	4.180	88	16266	956.9293	ug/L		95
60) 2-Chloroethyl vinyl ether	4.387	63	116944	214.6538	ug/L		94
61) cis-1,3-Dichloropropene	4.430	75	41244	41.9651	ug/L		87
64) Toluene	4.582	91	99289	40.0263	ug/L		99
65) 2-Nitropropane	4.729	41	53234	167.2555	ug/L		99
66) 4-Methyl-2-pentanone	4.820	43	265868	212.7033	ug/L		96
67) trans-1,3-Dichloropropene	4.844	75	39955	39.8517	ug/L		88
68) Tetrachloroethene	4.832	166	25631	45.1583	ug/L		89
69) Ethyl methacrylate	4.948	69	36253	39.9987	ug/L	#	74
70) 1,1,2-Trichloroethane	4.948	83	22290	42.6658	ug/L		93
71) Dibromochloromethane	5.070	129	27971	42.2308	ug/L		99
72) 1,3-Dichloropropane	5.131	76	43324	41.9904	ug/L		88
73) 1,2-Dibromoethane	5.235	107	28955	42.3266	ug/L		100
74) 3,3-Dimethyl-1-Butanol	5.357	57	543461	2102.8889	ug/L		96
75) 2-hexanone	5.375	43	300189	200.5295	ug/L		90
76) 1-Chlorohexane	5.576	91	20682	24.6551	ug/L		86
77) Ethylbenzene	5.613	91	96263	35.5165	ug/L		97
78) Chlorobenzene	5.594	112	65673	40.9225	ug/L		97
79) 1,1,1,2-Tetrachloroethane	5.637	131	23871	42.6492	ug/L		98
80) m,p-Xylene	5.716	91	168920	82.3561	ug/L		98
81) o-Xylene	6.021	91	83882	41.1216	ug/L		98
82) Styrene	6.058	104	66233	43.1080	ug/L		97
83) Bromoform	6.076	173	19384	42.4122	ug/L		98
84) Isopropylbenzene	6.253	105	99485	42.3443	ug/L		97
87) cis-1,4-Dichloro-2-butene	6.509	53	12311	29.7136	ug/L		94
88) n-Propylbenzene	6.564	91	121460	39.4565	ug/L		100
89) Bromobenzene	6.539	156	28040	40.3191	ug/L		94
90) 1,1,2,2-Tetrachloroethane	6.612	83	44495	40.2972	ug/L		98
91) 1,3,5-Trimethylbenzene	6.716	105	82232	40.5373	ug/L		99
92) 2-Chlorotoluene	6.680	91	68716	39.5412	ug/L		96
93) trans-1,4-Dichloro-2-B...	6.747	53	9971	30.9001	ug/L	#	79
94) 1,2,3-Trichloropropane	6.716	110	13867	41.2182	ug/L		79
95) Cyclohexanone	6.747	55	18414	213.9761	ug/L		94
96) 4-Chlorotoluene	6.808	91	76832	39.3974	ug/L		94
97) tert-Butylbenzene	6.960	91	43687	39.4542	ug/L		97
98) 1,2,4-Trimethylbenzene	7.015	105	84659	41.3096	ug/L		98
99) Pentachloroethane	6.972	167	13700	36.8558	ug/L	#	25
100) sec-Butylbenzene	7.100	105	93979	40.4361	ug/L		98
101) 4-Isopropyltoluene	7.216	119	77858	40.6697	ug/L		95
102) 1,3-Dichlorobenzene	7.265	146	50131	40.5946	ug/L		99
103) 1,2,3-Trimethylbenzene	7.356	105	91390	42.7456	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	51694	40.0600	ug/L		98
105) n-Butylbenzene	7.539	92	43015	40.0694	ug/L		98
106) Benzyl Chloride	7.521	126	14170	38.1089	ug/L	#	92
107) 1,2-Dichlorobenzene	7.649	146	48467	41.3136	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772366.d
Acq On : 17 Jun 2025 2:22 pm
Operator : jeniferw
Sample : ECC3572-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 17 20:54:25 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

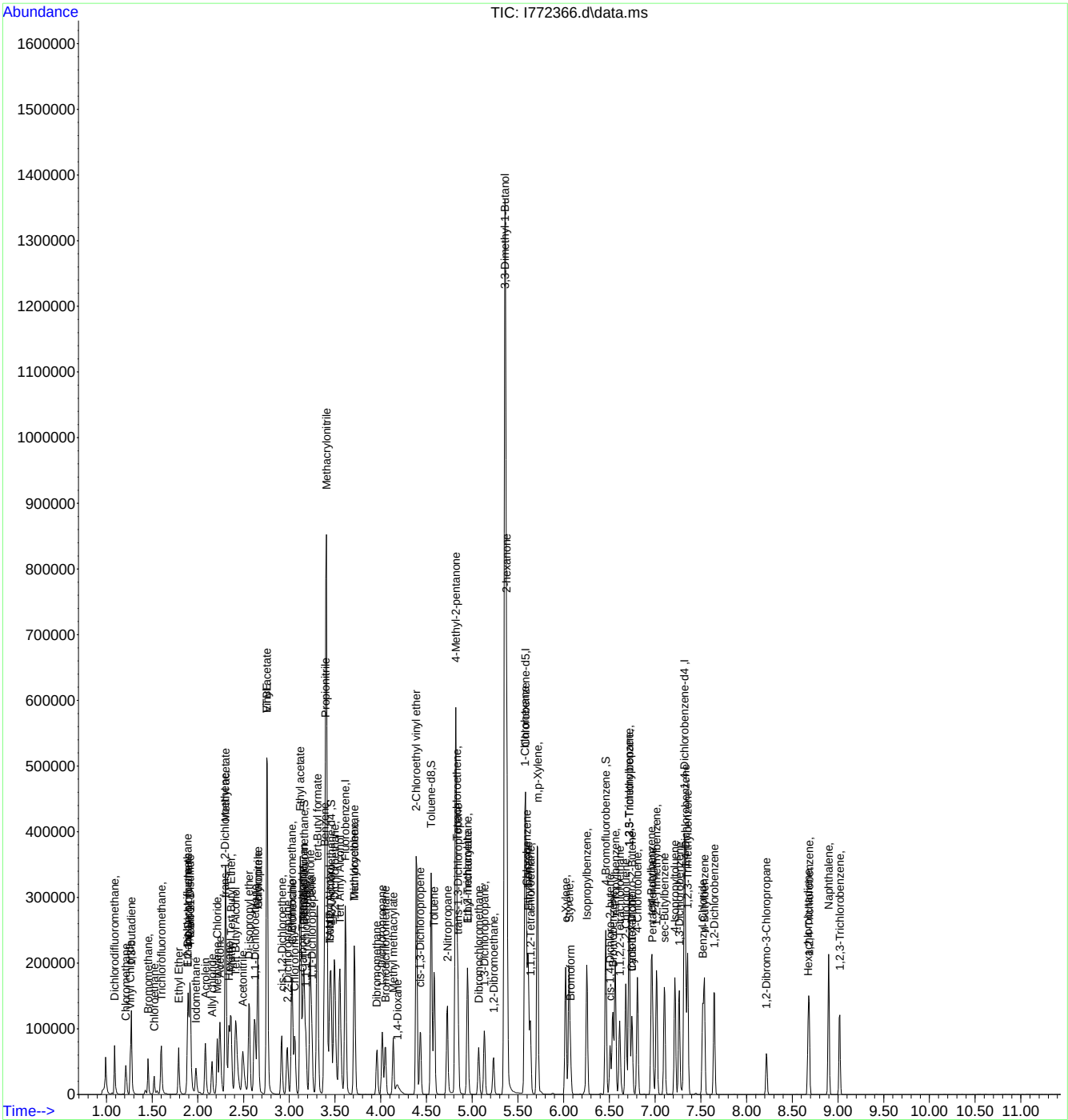
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	11121	37.4591	ug/L	91
109) Hexachlorobutadiene	8.673	225	8739	39.3497	ug/L	92
110) 1,2,4-Trichlorobenzene	8.685	180	26187	40.9158	ug/L	96
111) Naphthalene	8.899	128	105386	41.1415	ug/L	99
112) 1,2,3-Trichlorobenzene	9.021	180	25279	41.1608	ug/L	97

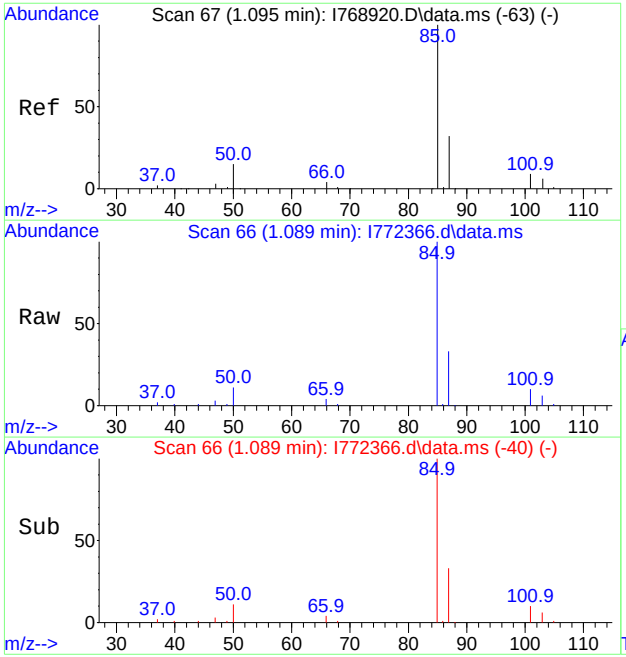
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : X:\Orlando VOA\paulaa\2025\6. June\VI3607\
Data File : I772366.d
Acq On : 17 Jun 2025 2:22 pm
Operator : jeniferw
Sample : ECC3572-5 Inst : VOA16-MSI
Misc : MS59358,VI3607,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 17 20:54:25 2025
Quant Method : X:\Orlando VOA\paulaa\2025\6. June\VI3607\VI3607\method\VI3572_05182025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Sun May 18 13:02:01 2025
Response via : Initial Calibration

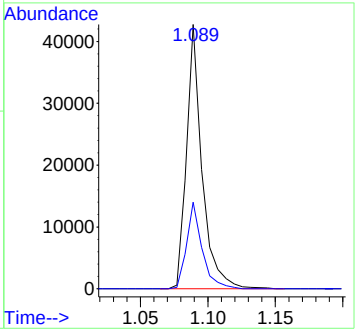


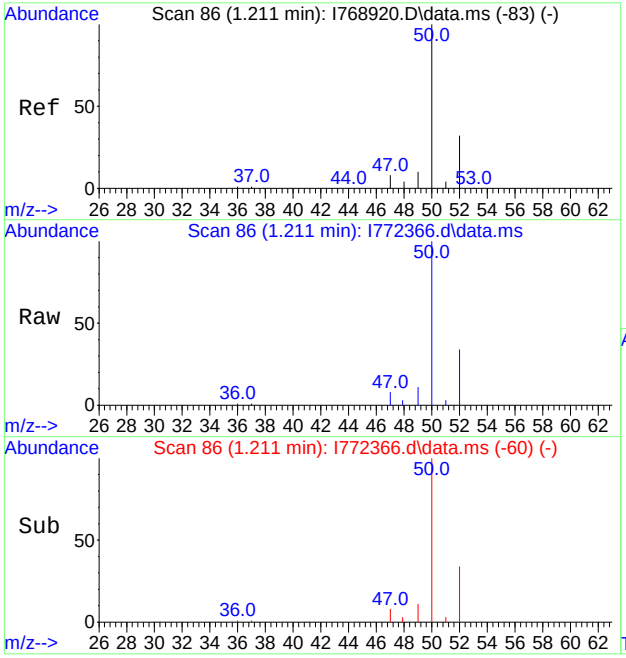


#2
Dichlorodifluoromethane
Concen: 41.1186 ug/L
RT: 1.089 min Scan# 66
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 85 Resp: 34163

Ion	Ratio	Lower	Upper
85	100		
87	32.8	3.4	63.4

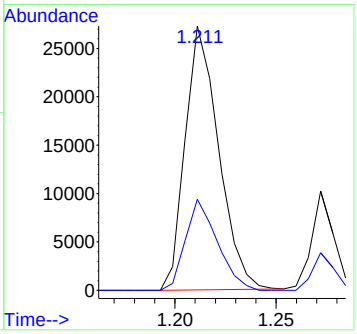


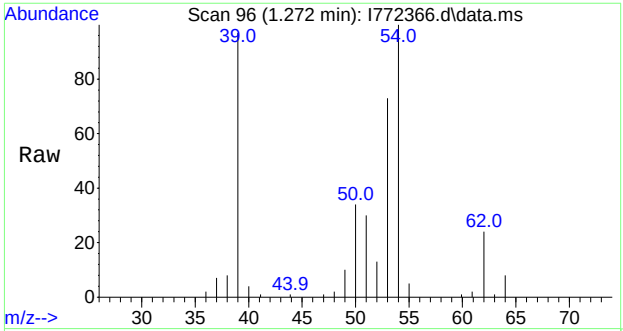


#3
Chloromethane
Concen: 42.2369 ug/L
RT: 1.211 min Scan# 86
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 50 Resp: 31424

Ion	Ratio	Lower	Upper
50	100		
52	34.5	1.8	61.8

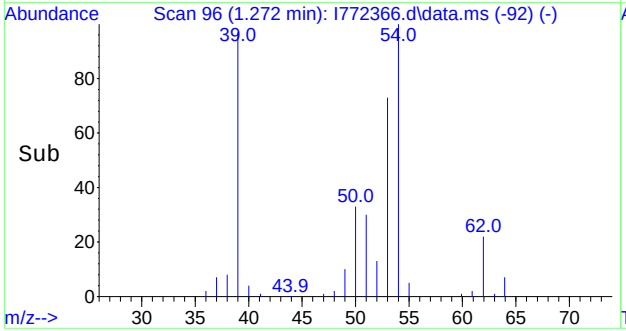


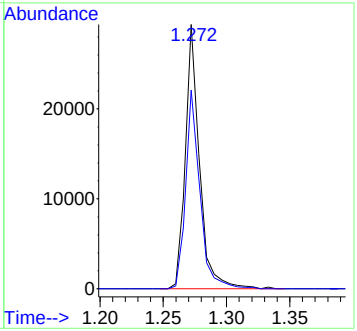


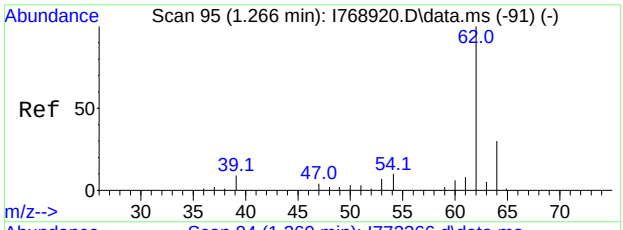
#4
1,3-butadiene
Concen: 38.5863 ug/L
RT: 1.272 min Scan# 96
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 39 Resp: 22916

Ion	Ratio	Lower	Upper
39	100		
53	75.2	52.1	92.1



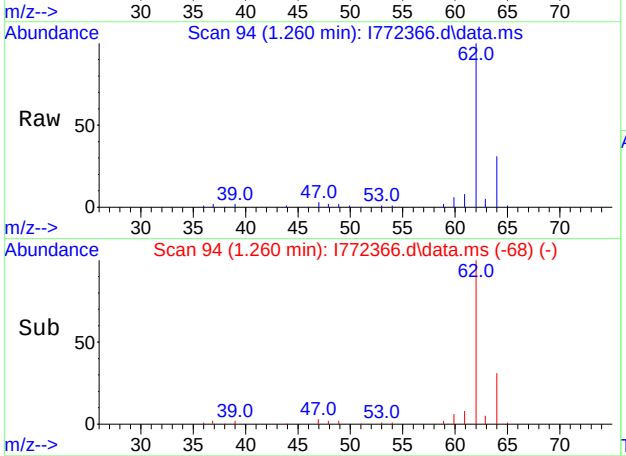


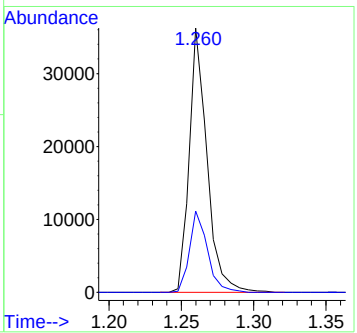


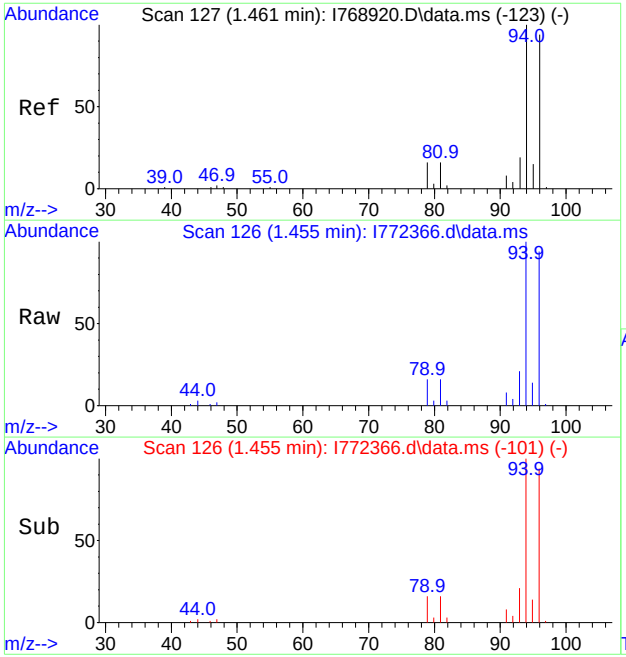
#5
Vinyl Chloride
Concen: 41.8505 ug/L
RT: 1.260 min Scan# 94
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 62 Resp: 31069

Ion	Ratio	Lower	Upper
62	100		
64	30.7	1.6	61.6



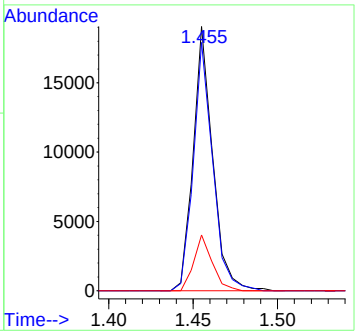


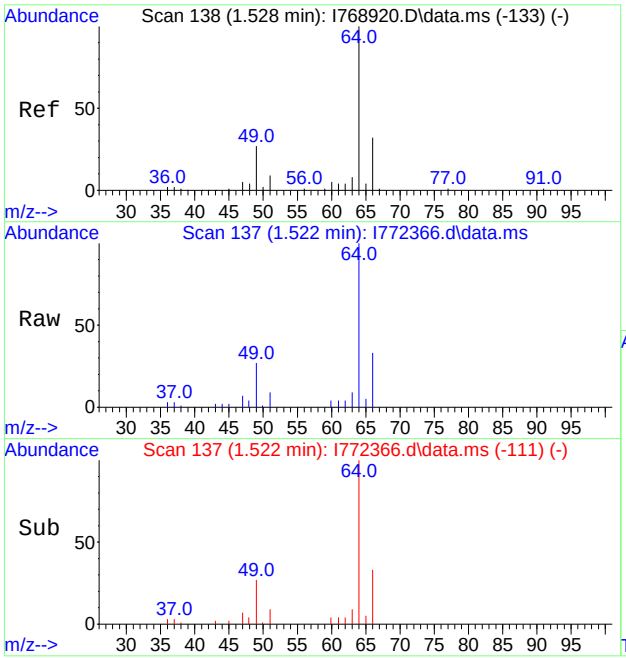


#6
Bromomethane
Concen: 35.8523 ug/L
RT: 1.455 min Scan# 126
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 94 Resp: 15403

Ion	Ratio	Lower	Upper
94	100		
96	94.0	64.0	124.0
93	21.1	0.0	51.3

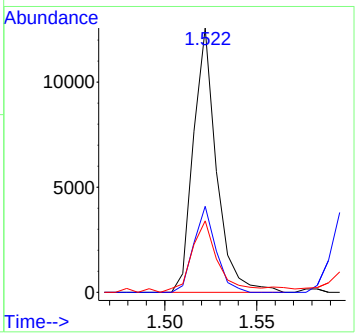


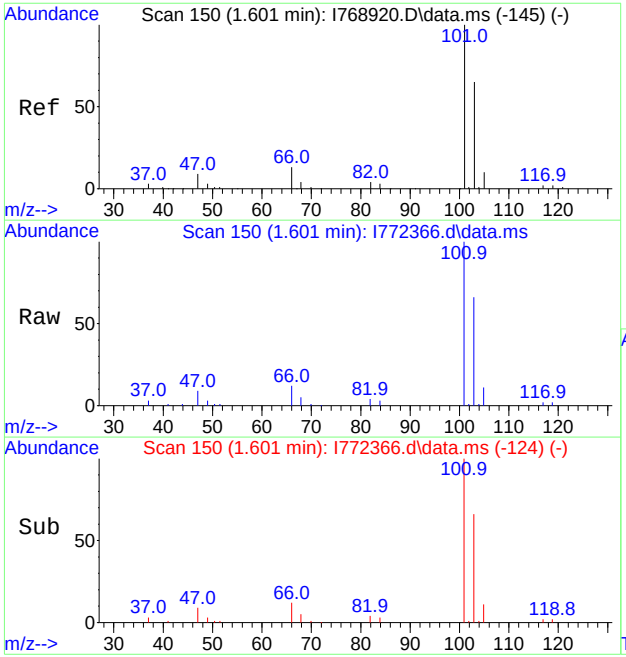


#7
Chloroethane
Concen: 33.3917 ug/L
RT: 1.522 min Scan# 137
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 64 Resp: 11034

Ion	Ratio	Lower	Upper
64	100		
66	32.6	1.7	61.7
49	27.0	0.0	58.5

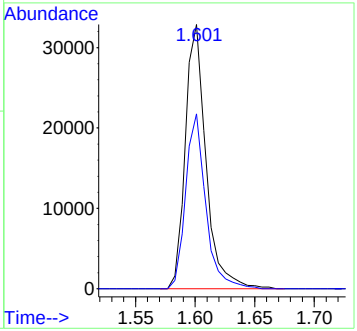


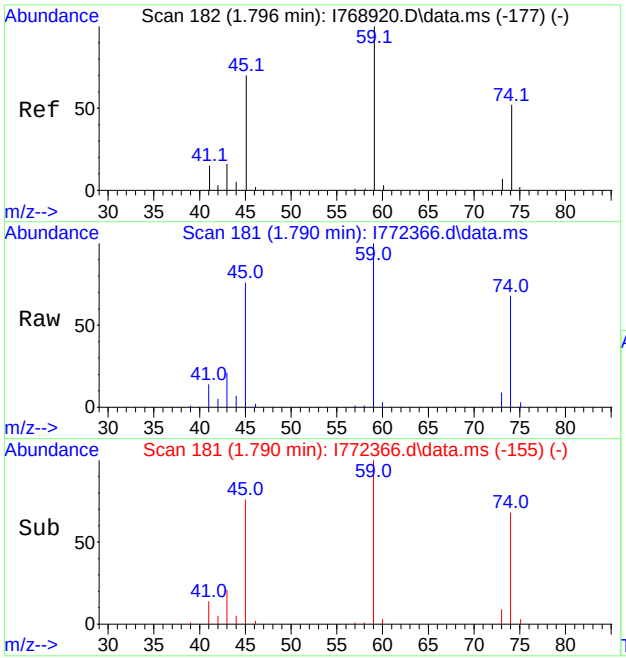


#8
Trichlorofluoromethane
Concen: 39.7287 ug/L
RT: 1.601 min Scan# 150
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:101 Resp: 39946

Ion	Ratio	Lower	Upper
101	100		
103	66.1	36.2	96.2

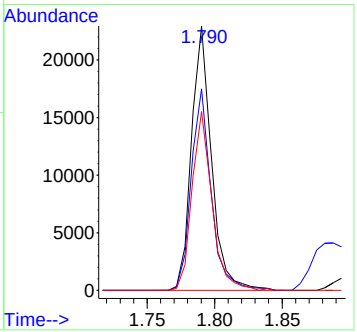


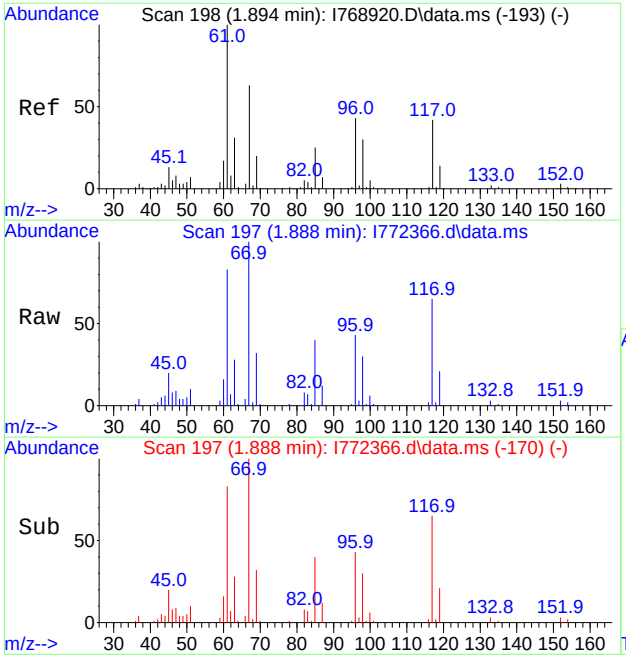


#9
Ethyl Ether
Concen: 38.6262 ug/L
RT: 1.790 min Scan# 181
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 59 Resp: 23706

Ion	Ratio	Lower	Upper
59	100		
45	76.2	54.5	94.5
74	67.6	45.8	85.8

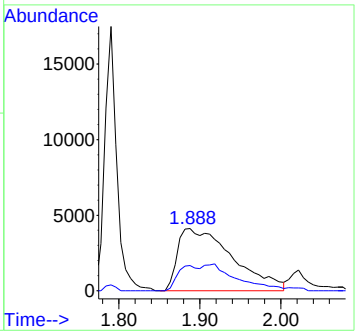


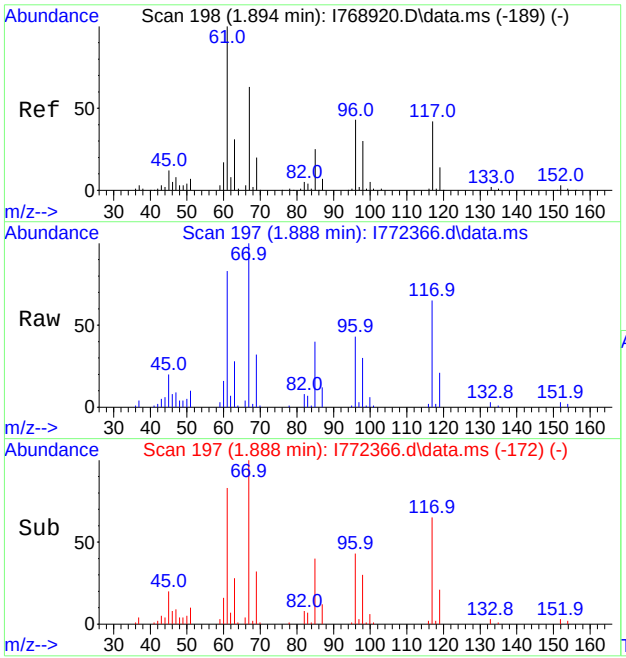


#10
Ethanol
Concen: 842.8439 ug/L
RT: 1.888 min Scan# 197
Delta R.T. 0.012 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 45 Resp: 19546

Ion	Ratio	Lower	Upper
45	100		
46	40.5	15.0	55.0

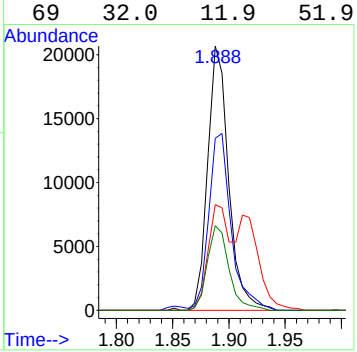


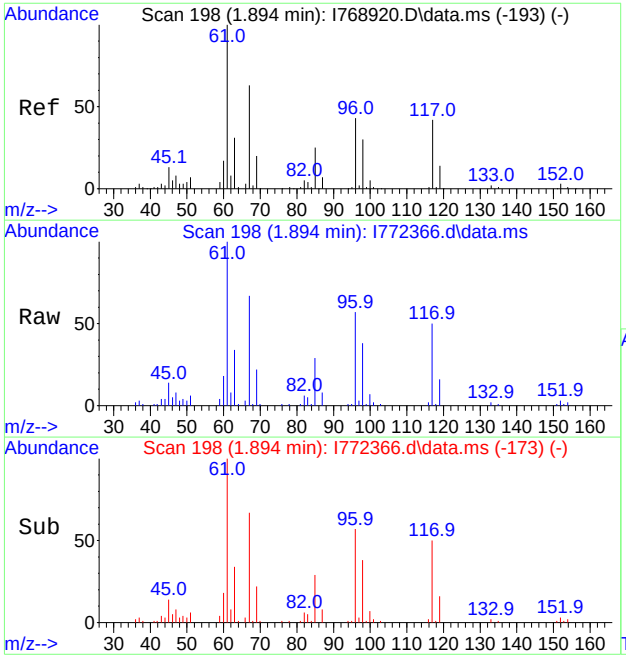


#11
1,2-Dichlorotrifluoroethane
Concen: 37.1611 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 67 Resp: 26913

Ion	Ratio	Lower	Upper
67	100		
117	65.1	44.4	84.4
85	40.0	19.8	59.8
69	32.0	11.9	51.9

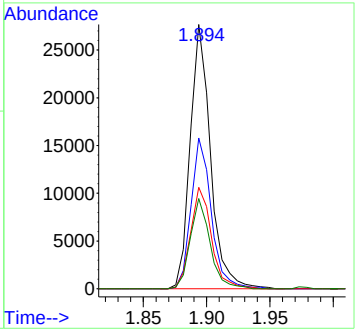


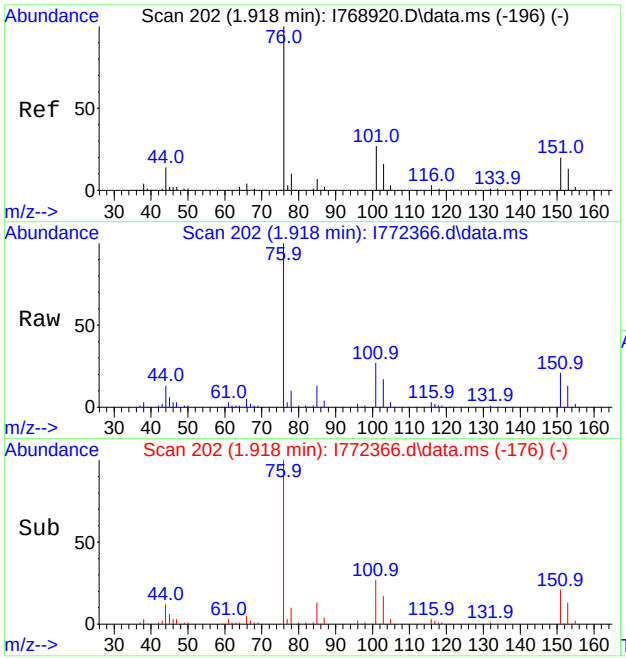


#12
1,1-Dichloroethene
Concen: 33.3087 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 61 Resp: 31009

Ion	Ratio	Lower	Upper
61	100		
96	57.0	20.8	80.8
98	38.4	2.4	62.4
63	34.2	1.5	61.5

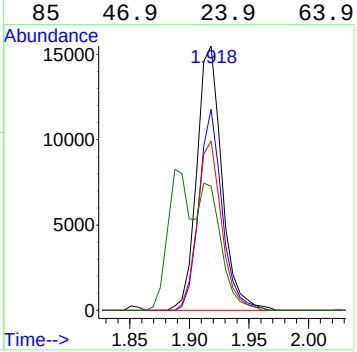


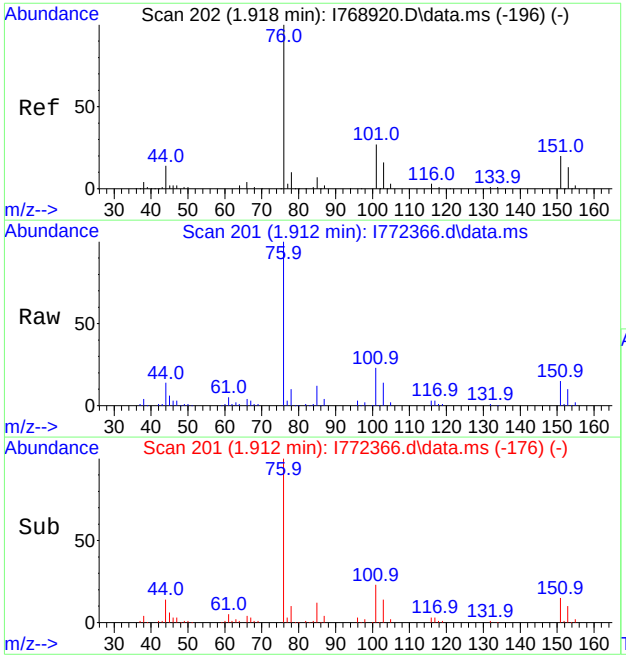


#13
Freon 113
Concen: 41.1891 ug/L
RT: 1.918 min Scan# 202
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:101 Resp: 22549

Ion	Ratio	Lower	Upper
101	100		
151	76.1	60.3	100.3
103	64.0	43.0	83.0
85	46.9	23.9	63.9

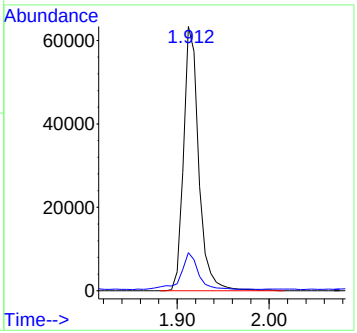


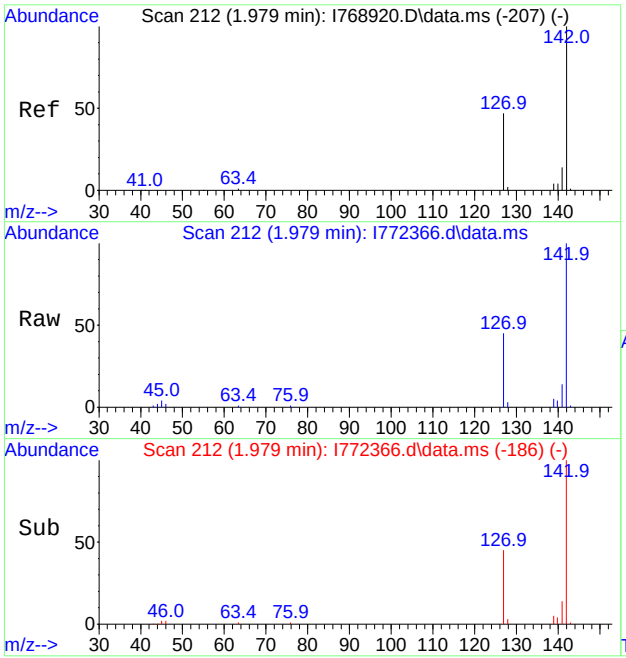


#14
Carbon Disulfide
Concen: 38.9635 ug/L
RT: 1.912 min Scan# 201
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 76 Resp: 72633

Ion	Ratio	Lower	Upper
76	100		
44	13.8	0.0	46.2

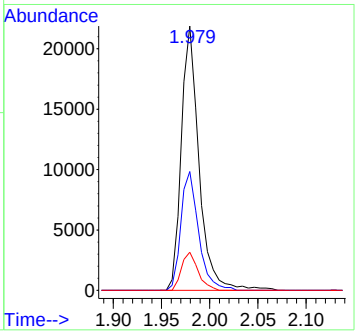


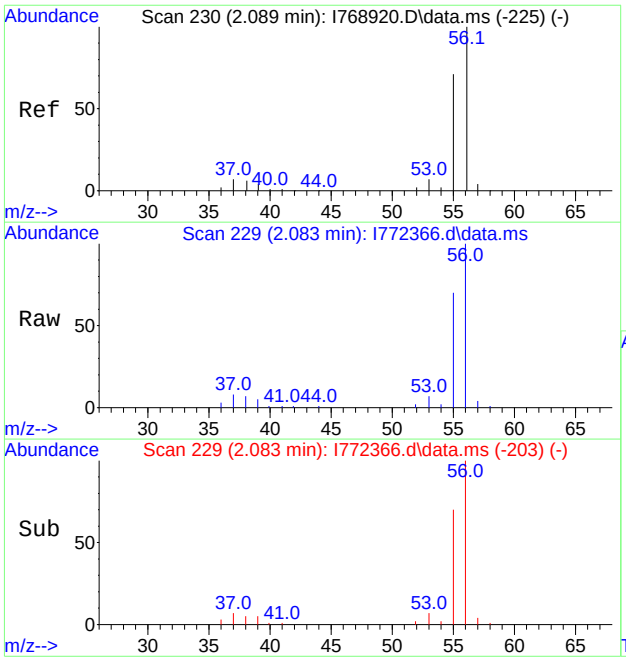


#15
Iodomethane
Concen: 47.7610 ug/L
RT: 1.979 min Scan# 212
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:142 Resp: 28059

Ion	Ratio	Lower	Upper
142	100		
127	44.9	23.5	63.5
141	14.4	0.0	34.0

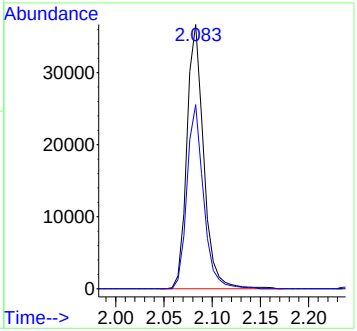


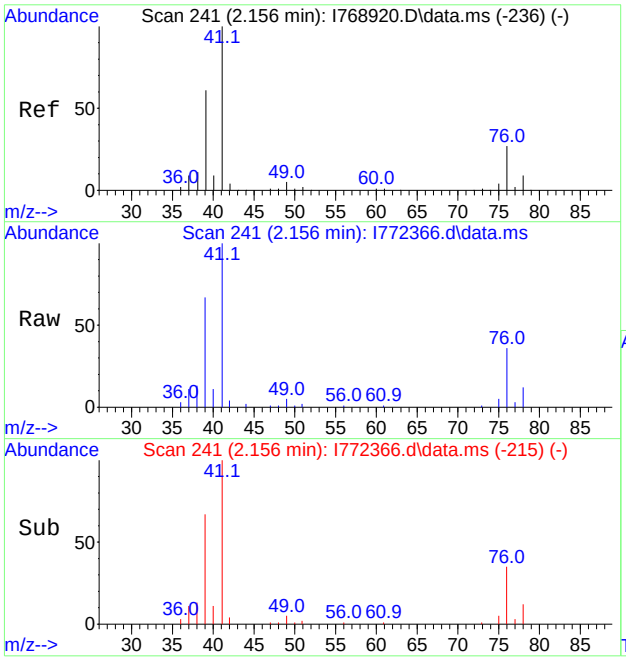


#16
Acrolein
Concen: 183.5112 ug/L
RT: 2.083 min Scan# 229
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 56 Resp: 44399

Ion	Ratio	Lower	Upper
56	100		
55	69.6	42.3	102.3

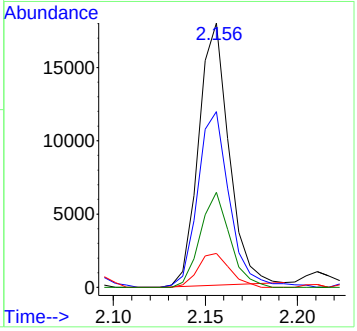


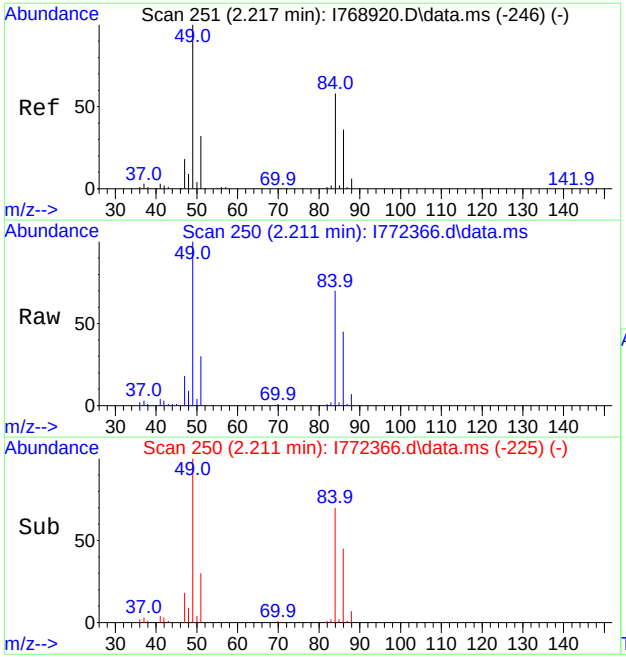


#17
Allyl chloride
Concen: 20.1725 ug/L
RT: 2.156 min Scan# 241
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 41 Resp: 20529

Ion	Ratio	Lower	Upper
41	100		
39	66.5	52.4	92.4
38	12.8	0.0	35.2
76	35.9	14.5	54.5

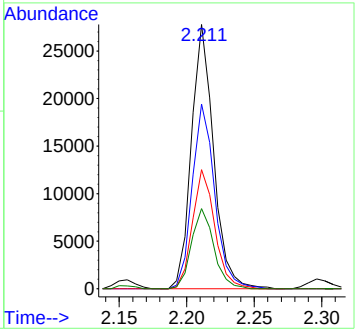


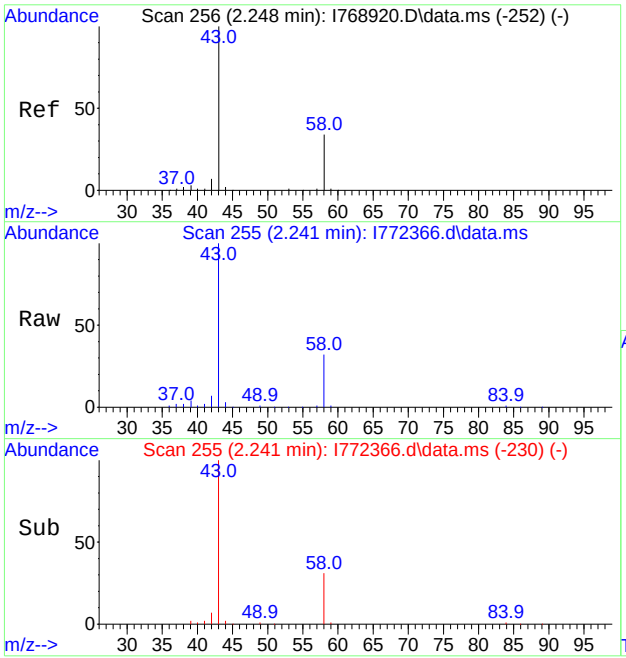


#18
Methylene Chloride
Concen: 33.7225 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 49 Resp: 31803

Ion	Ratio	Lower	Upper
49	100		
84	69.8	36.5	96.5
86	45.0	12.8	72.8
51	30.4	0.5	60.5

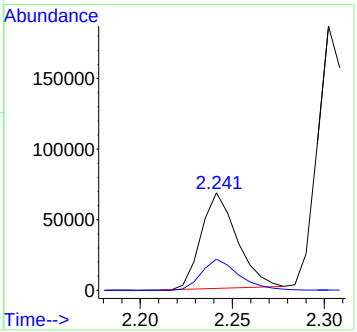


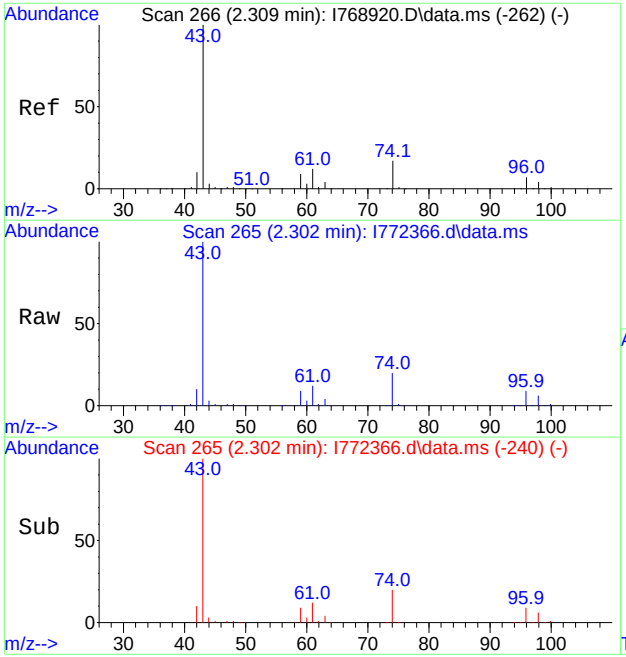


#19
Acetone
Concen: 189.9043 ug/L
RT: 2.241 min Scan# 255
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 92009

Ion	Ratio	Lower	Upper
43	100		
58	31.9	0.0	60.0

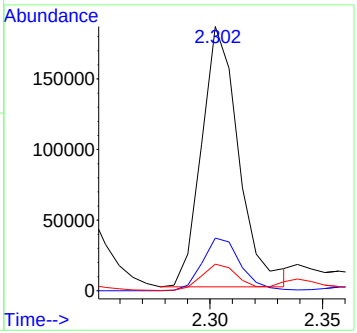


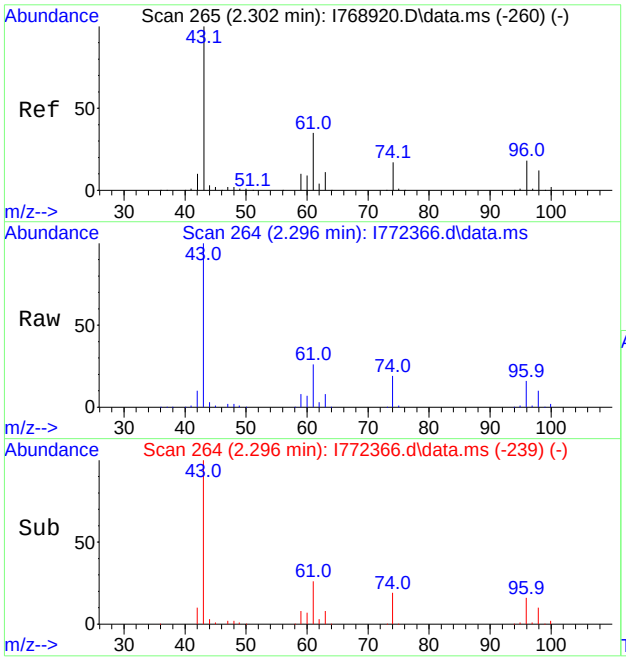


#20
Methyl acetate
Concen: 184.6004 ug/L
RT: 2.302 min Scan# 265
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 212747

Ion	Ratio	Lower	Upper
43	100		
74	20.3	0.0	38.6
42	10.2	0.0	30.8

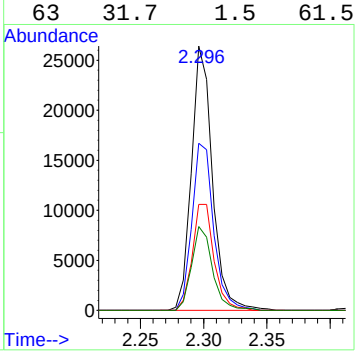


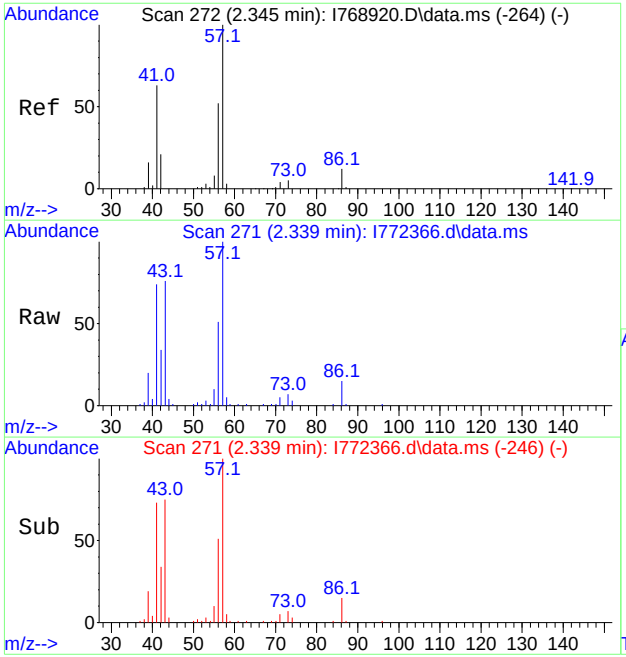


#21
trans-1,2-Dichloroethene
Concen: 34.3095 ug/L
RT: 2.296 min Scan# 264
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 61 Resp: 30527

Ion	Ratio	Lower	Upper
61	100		
96	63.1	28.4	88.4
98	40.1	5.8	65.8
63	31.7	1.5	61.5

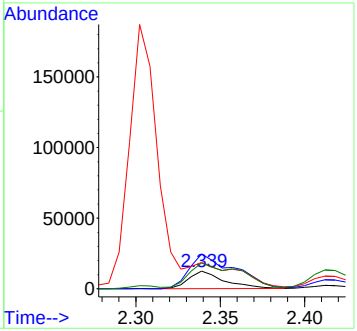


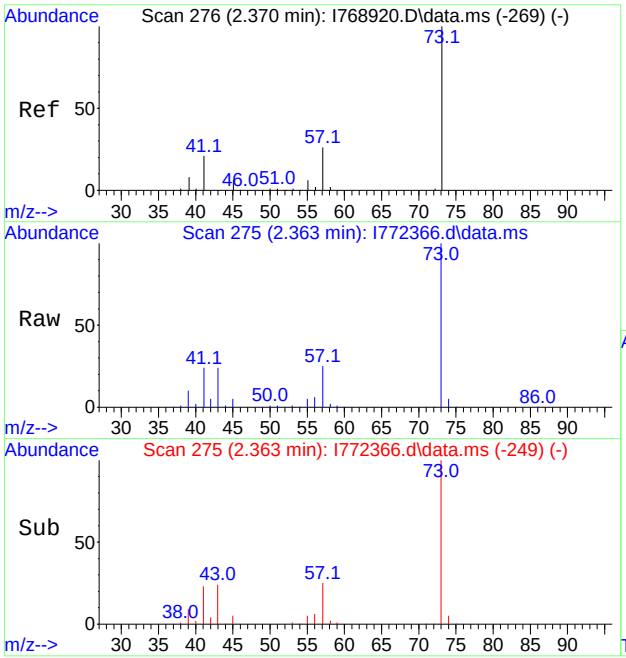


#22
Hexane
Concen: 37.5599 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 56 Resp: 18244

Ion	Ratio	Lower	Upper
56	100		
57	195.1	212.2	252.2#
43	137.2	148.9	188.9#
41	137.1	164.6	204.6#

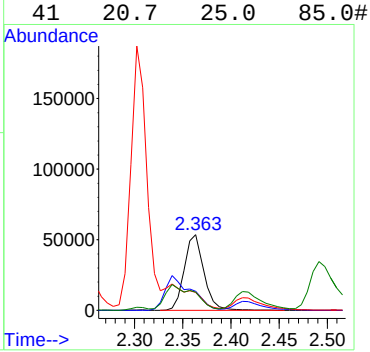


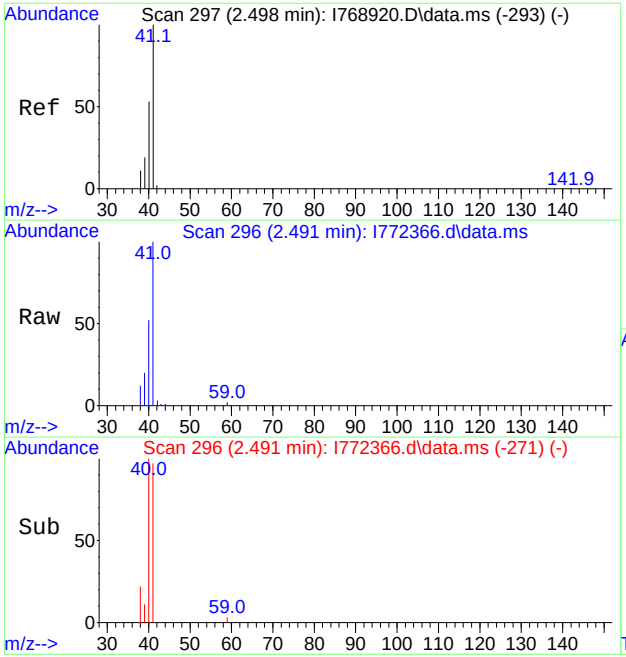


#23
Methyl Tert Butyl Ether
Concen: 38.5301 ug/L
RT: 2.363 min Scan# 275
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 73 Resp: 75816

Ion	Ratio	Lower	Upper
73	100		
57	23.8	34.2	94.2#
43	21.2	22.0	82.0#
41	20.7	25.0	85.0#

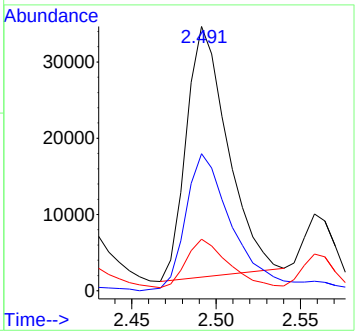


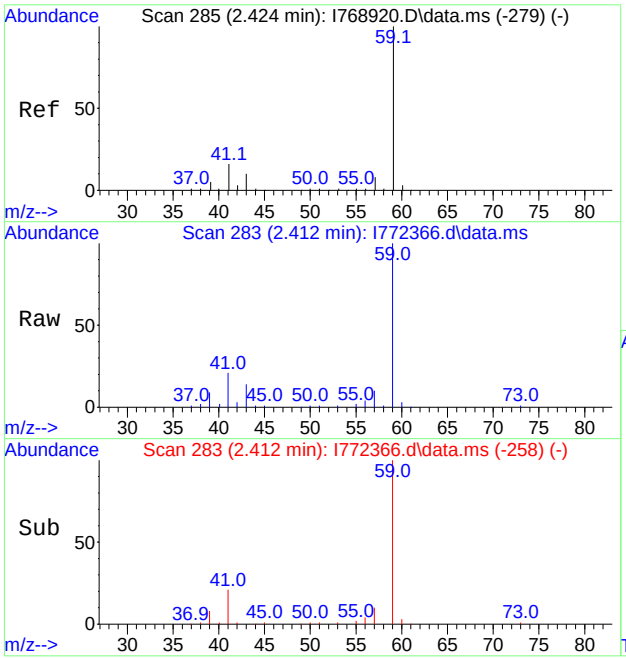


#24
Acetonitrile
Concen: 324.3194 ug/L
RT: 2.491 min Scan# 296
Delta R.T. 0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 41 Resp: 56084

Ion	Ratio	Lower	Upper
41	100		
40	52.7	35.0	75.0
39	19.0	0.0	40.0

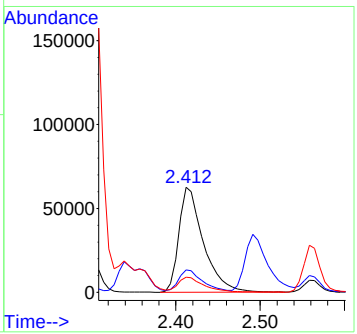


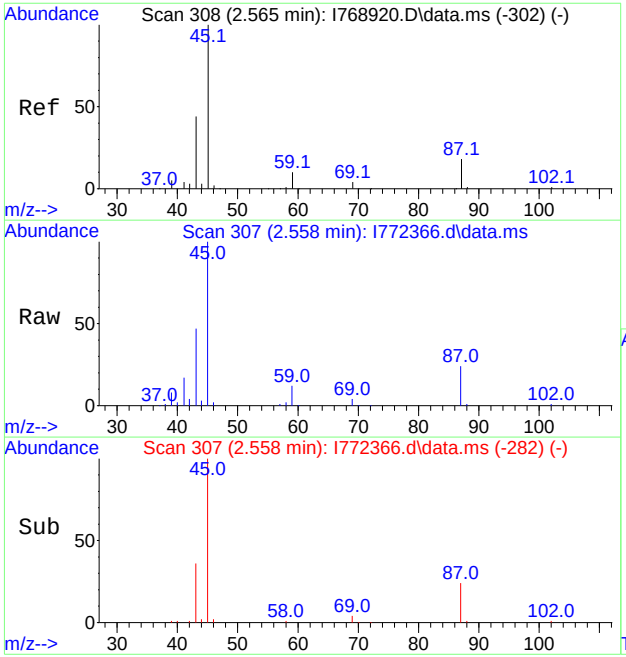


#25
Tert Butyl Alcohol
Concen: 420.0609 ug/L
RT: 2.412 min Scan# 283
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 59 Resp: 126233

Ion	Ratio	Lower	Upper
59	100		
41	18.8	8.6	48.6
43	14.4	5.3	45.3

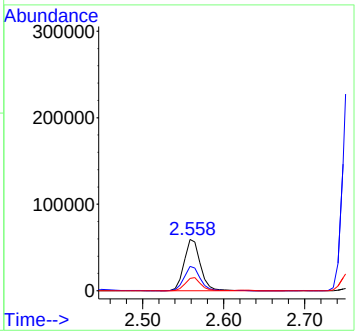


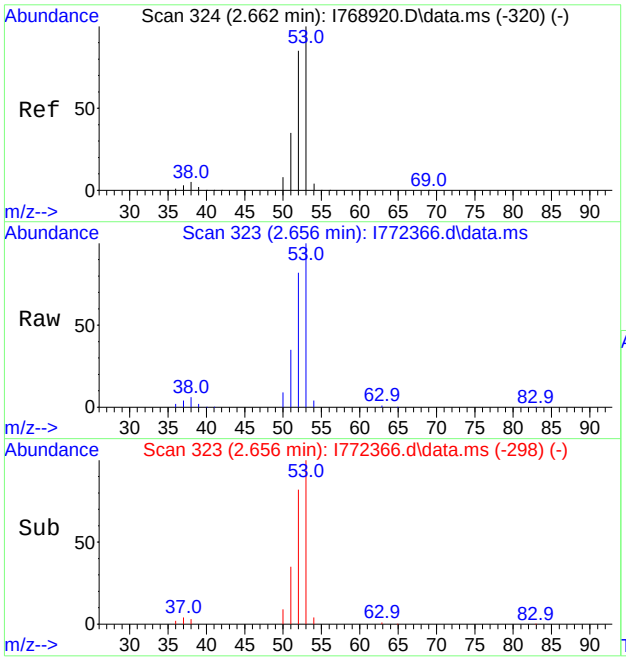


#26
Di-isopropyl ether
Concen: 41.0298 ug/L
RT: 2.558 min Scan# 307
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 45 Resp: 83217

Ion	Ratio	Lower	Upper
45	100		
43	47.2	17.5	77.5
87	24.3	0.0	52.1

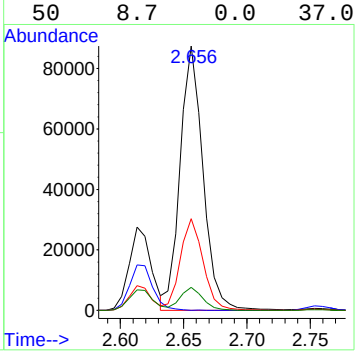


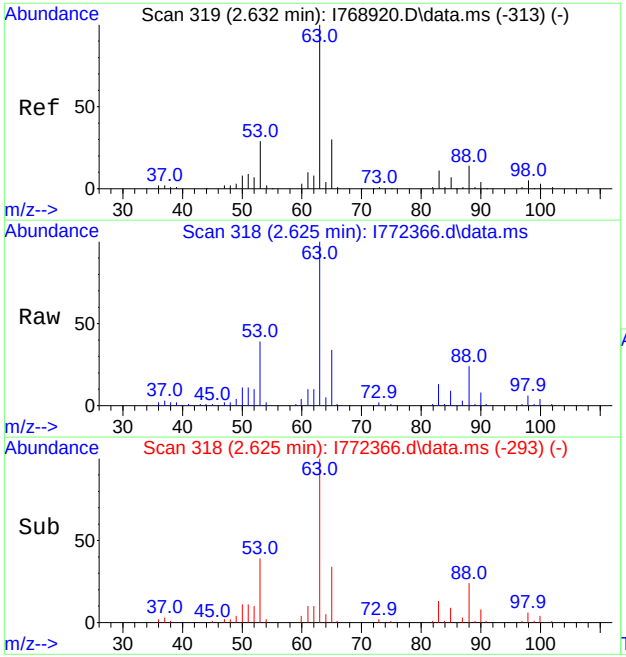


#27
Chloroprene
Concen: 45.9632 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 53 Resp: 110624

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	38.0
51	34.8	12.9	52.9
50	8.7	0.0	37.0

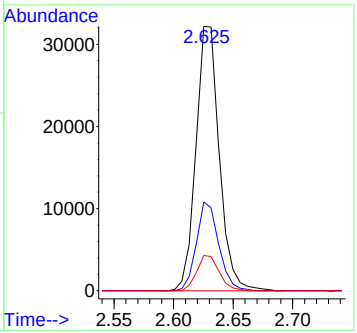


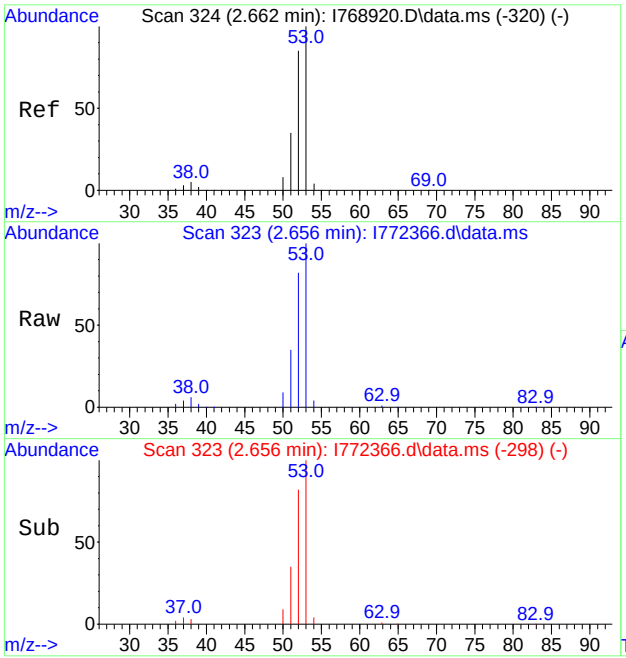


#28
1,1-Dichloroethane
Concen: 39.4025 ug/L
RT: 2.625 min Scan# 318
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 63 Resp: 43772

Ion	Ratio	Lower	Upper
63	100		
65	33.6	0.0	60.0
83	13.4	0.0	42.2

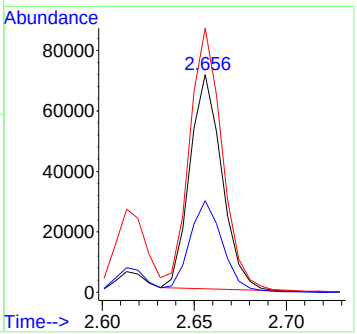


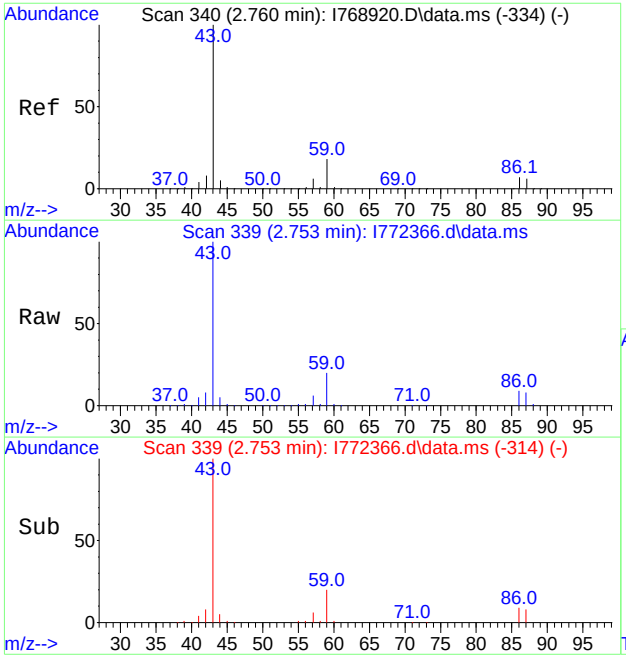


#29
Acrylonitrile
Concen: 219.0786 ug/L
RT: 2.656 min Scan# 323
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 52 Resp: 85745

Ion	Ratio	Lower	Upper
52	100		
51	42.1	25.5	85.5
53	121.1	138.6	198.6#

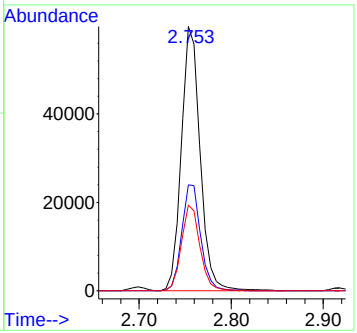


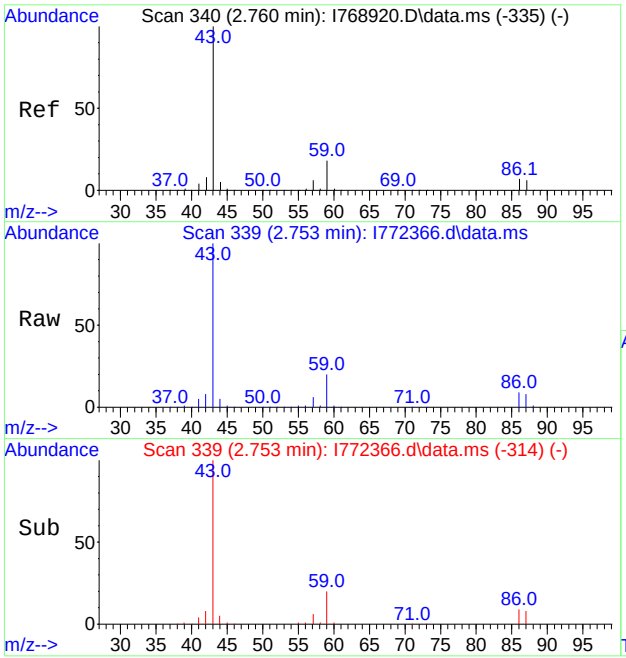


#30
ETBE
Concen: 42.1612 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 59 Resp: 85088

Ion	Ratio	Lower	Upper
59	100		
87	40.1	17.3	57.3
57	32.5	11.2	51.2

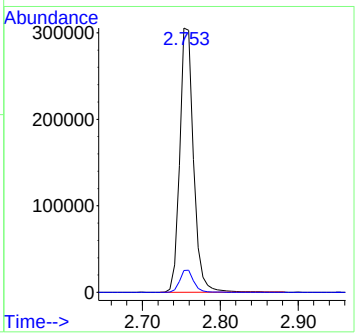


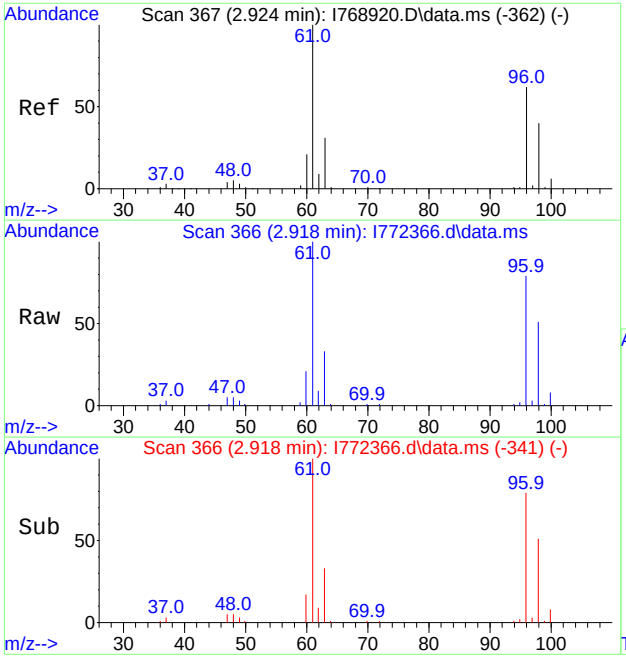


#31
Vinyl acetate
Concen: 209.3686 ug/L
RT: 2.753 min Scan# 339
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 379600

Ion	Ratio	Lower	Upper
43	100		
42	8.3	0.0	38.9

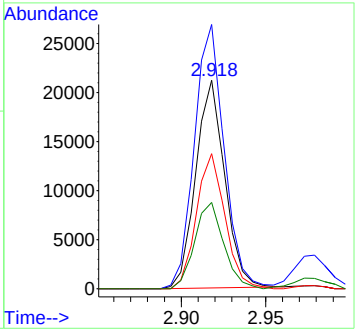


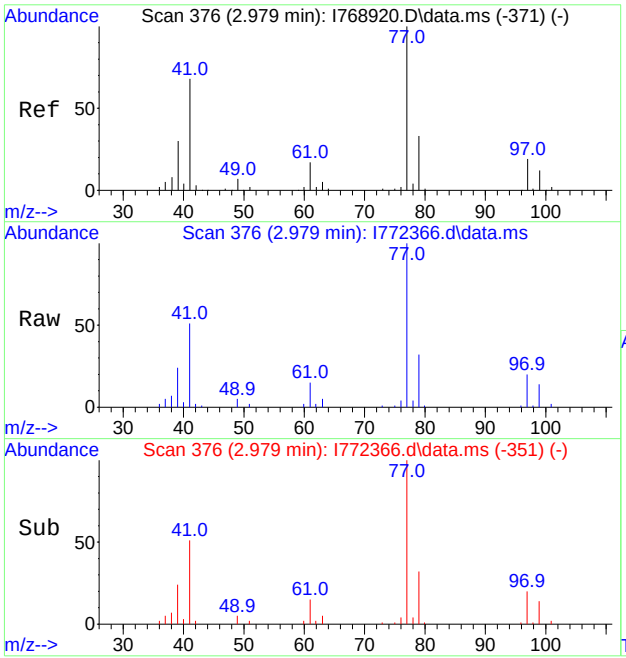


#32
cis-1,2-Dichloroethene
Concen: 40.8976 ug/L
RT: 2.918 min Scan# 366
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 96 Resp: 25396

Ion	Ratio	Lower	Upper
96	100		
61	126.7	117.1	177.1
98	64.8	34.9	94.9
63	41.4	18.1	78.1

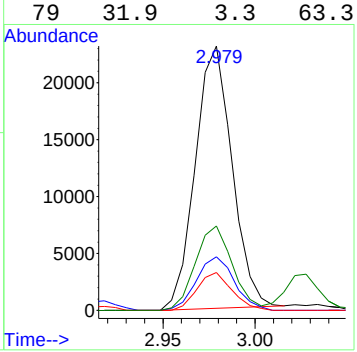


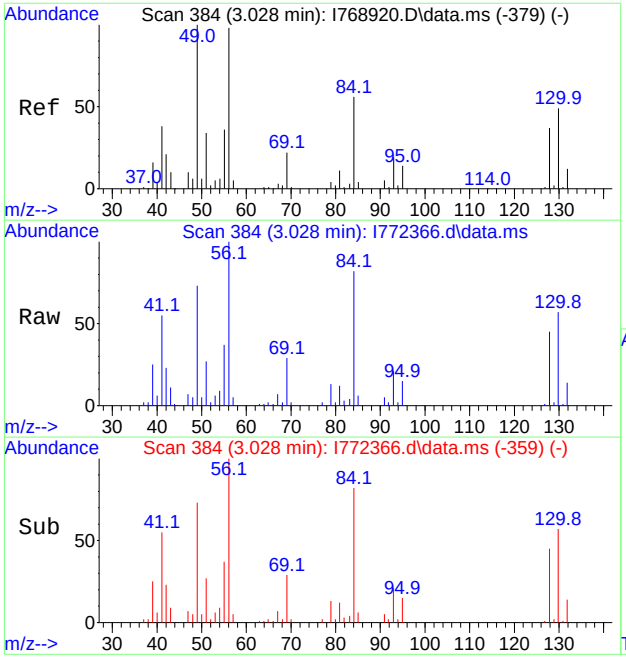


#33
2,2-Dichloropropane
Concen: 36.5978 ug/L
RT: 2.979 min Scan# 376
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 77 Resp: 32142

Ion	Ratio	Lower	Upper
77	100		
97	20.3	0.0	50.9
99	14.3	0.0	43.6
79	31.9	3.3	63.3

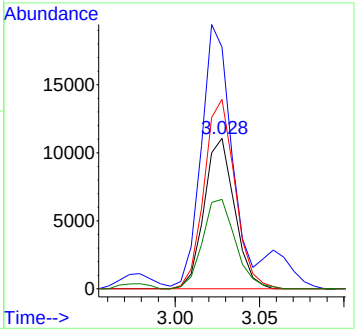


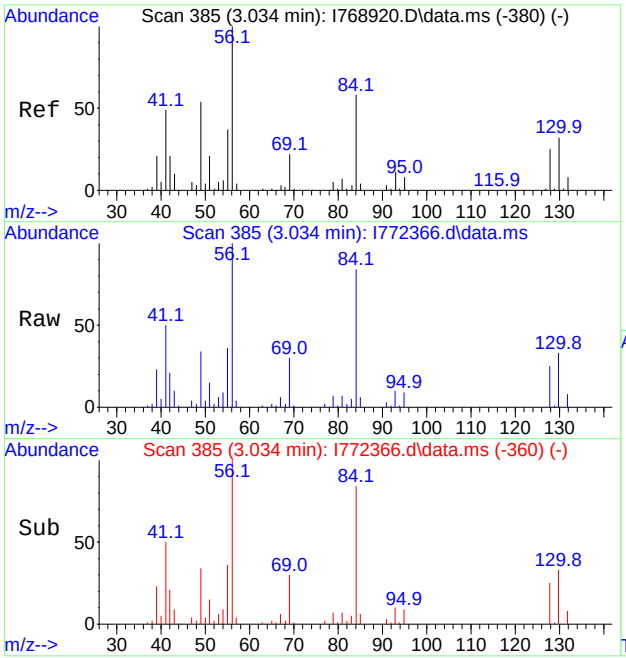


#34
Bromochloromethane
Concen: 44.9363 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:128 Resp: 13851

Ion	Ratio	Lower	Upper
128	100		
49	156.9	157.0	217.0#
130	125.8	94.7	154.7
51	59.4	30.2	90.2

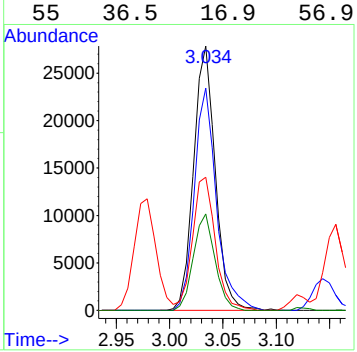


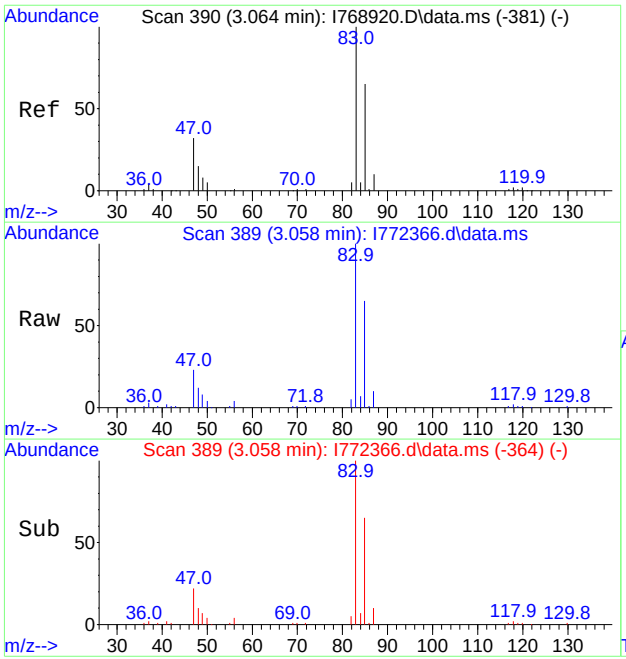


#35
Cyclohexane
Concen: 43.3767 ug/L
RT: 3.034 min Scan# 385
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 56 Resp: 39636

Ion	Ratio	Lower	Upper
56	100		
84	84.1	56.7	96.7
41	49.2	37.5	77.5
55	36.5	16.9	56.9

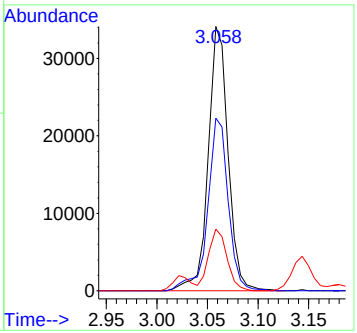


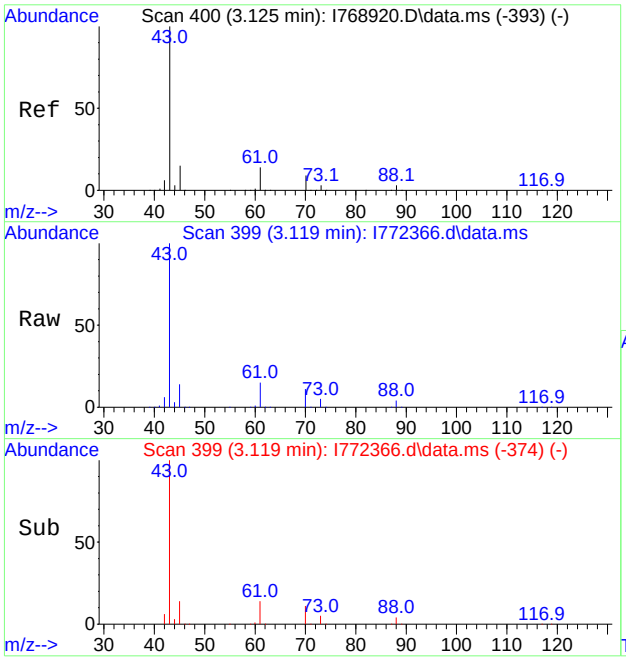


#36
Chloroform
Concen: 40.3316 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 83 Resp: 46602

Ion	Ratio	Lower	Upper
83	100		
85	65.3	37.0	97.0
47	23.4	0.0	57.9

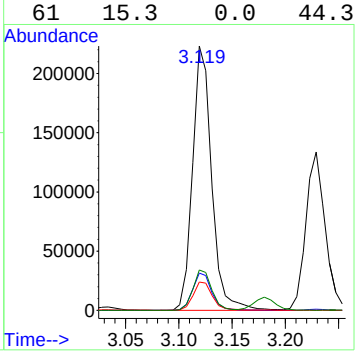


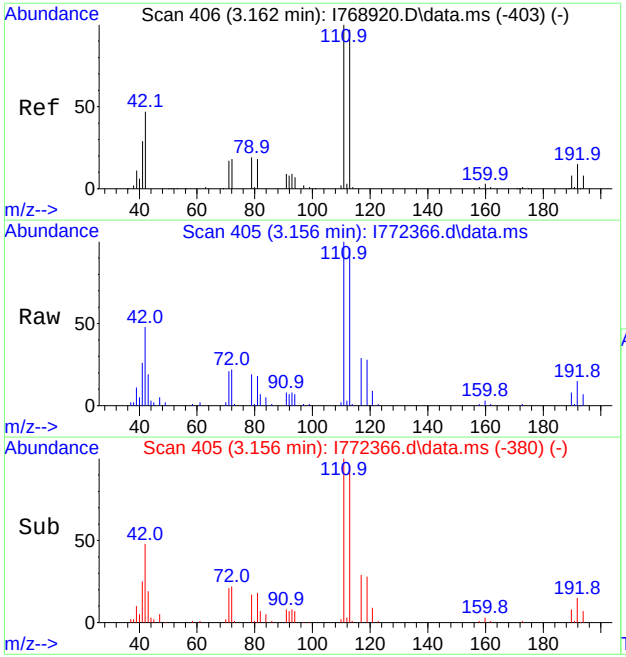


#37
Ethyl acetate
Concen: 215.2889 ug/L
RT: 3.119 min Scan# 399
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 280298

Ion	Ratio	Lower	Upper
43	100		
45	14.2	0.0	44.8
70	10.7	0.0	40.6
61	15.3	0.0	44.3

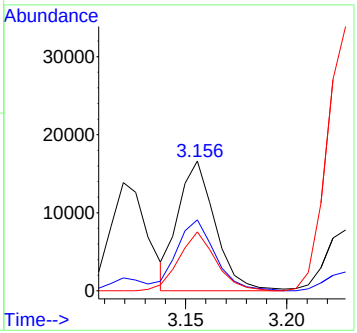


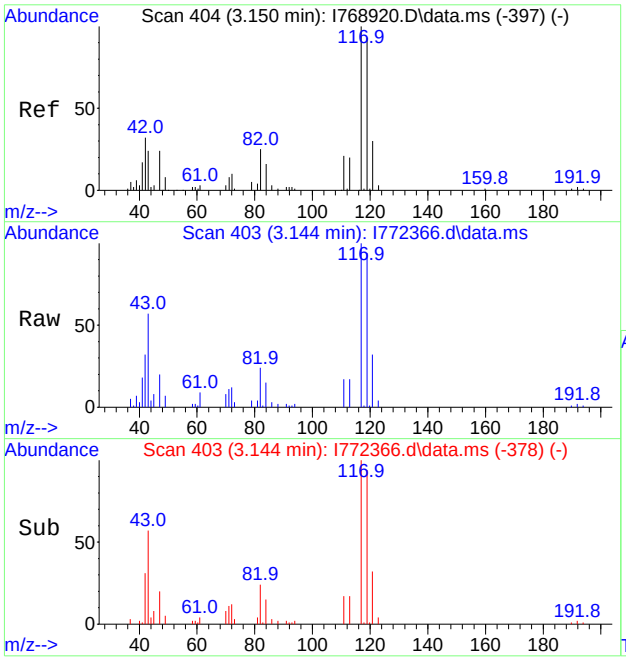


#38
Tetrahydrofuran
Concen: 41.9454 ug/L
RT: 3.156 min Scan# 405
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 42 Resp: 21218

Ion	Ratio	Lower	Upper
42	100		
41	55.3	37.6	77.6
72	45.9	16.5	56.5

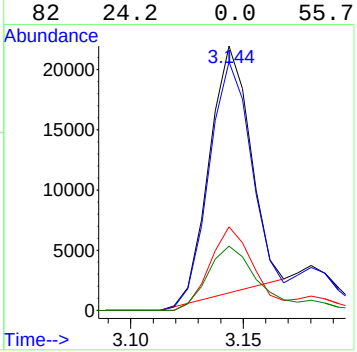


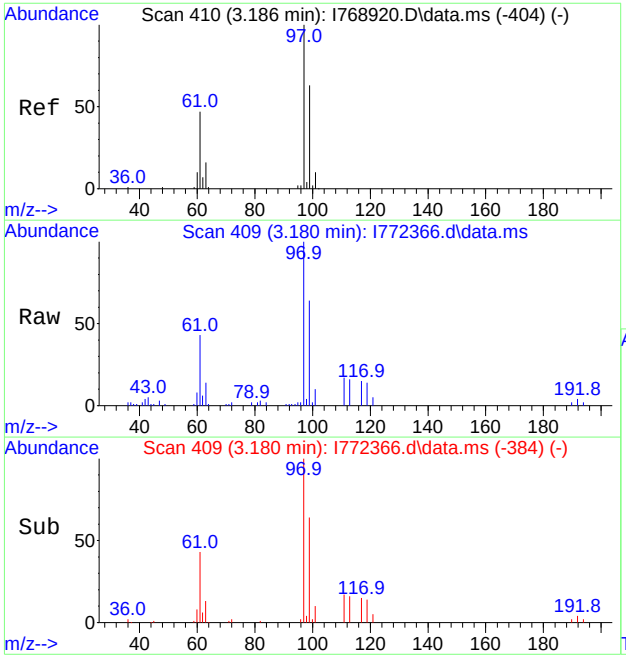


#40
Carbon Tetrachloride
Concen: 34.2711 ug/L
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:117 Resp: 26258

Ion	Ratio	Lower	Upper
117	100		
119	94.0	65.5	125.5
121	31.6	0.0	59.4
82	24.2	0.0	55.7

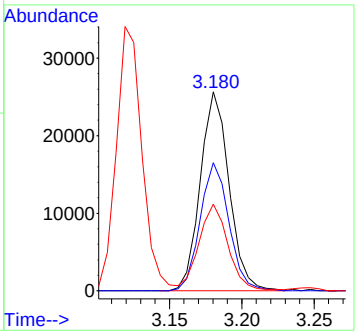


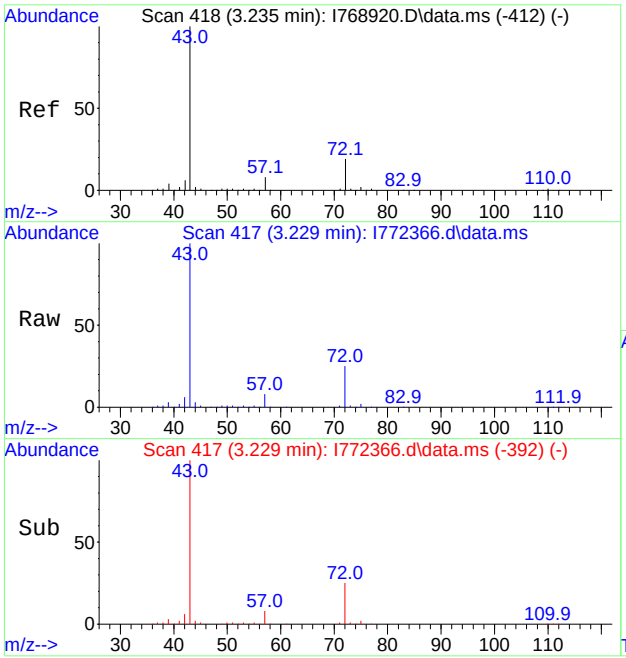


#41
1,1,1-Trichloroethane
Concen: 40.4007 ug/L
RT: 3.180 min Scan# 409
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 97 Resp: 35595

Ion	Ratio	Lower	Upper
97	100		
99	64.3	32.6	92.6
61	42.9	21.2	81.2

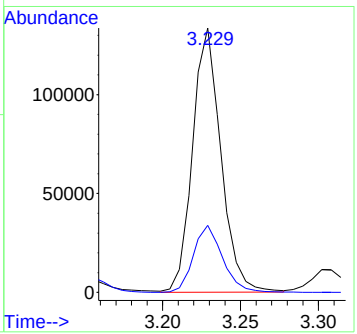


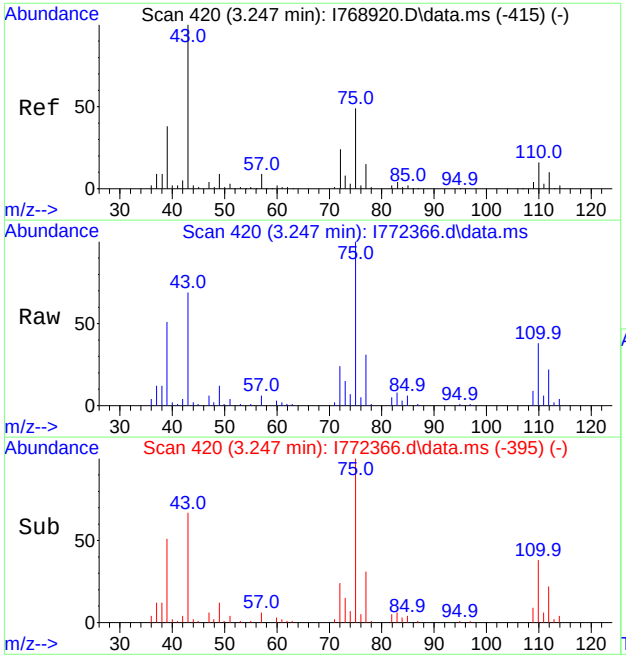


#42
2-Butanone
Concen: 214.4902 ug/L
RT: 3.229 min Scan# 417
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 169536

Ion	Ratio	Lower	Upper
43	100		
72	25.5	0.0	51.3

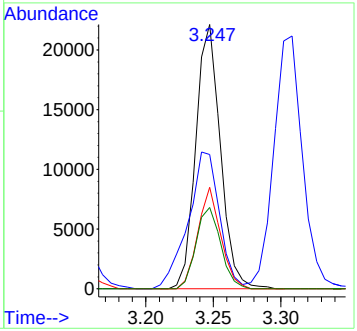


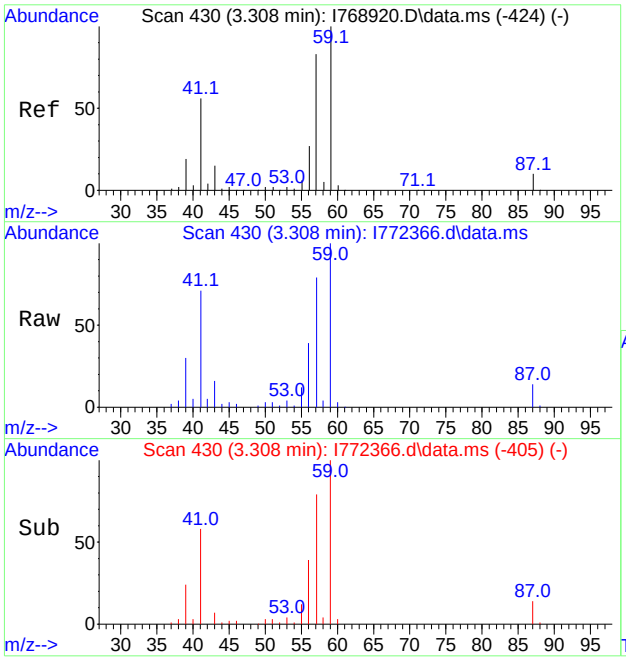


#43
1,1-Dichloropropene
Concen: 39.6807 ug/L
RT: 3.247 min Scan# 420
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 75 Resp: 28160

Ion	Ratio	Lower	Upper
75	100		
39	49.3	36.7	96.7
110	38.4	4.9	64.9
77	30.8	0.9	60.9

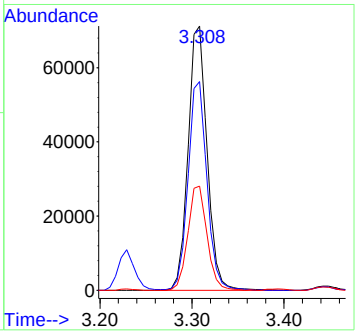


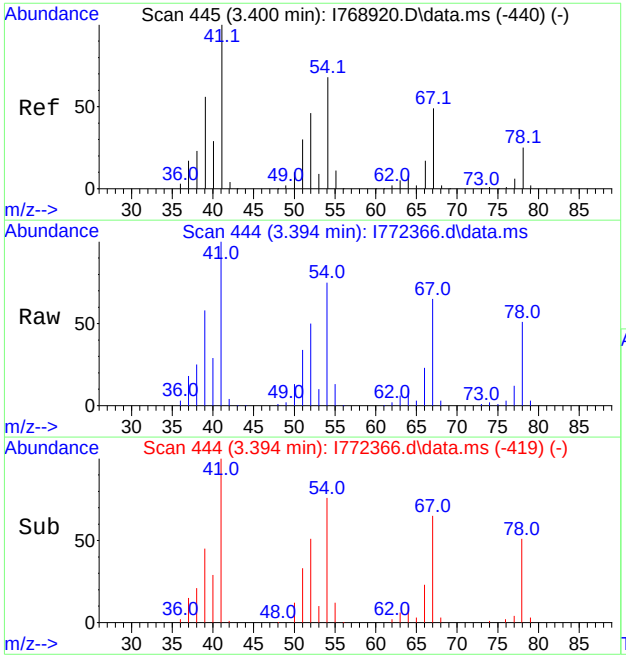


#44
tert-Butyl formate
Concen: 163.5969 ug/L
RT: 3.308 min Scan# 430
Delta R.T. 0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 59 Resp: 102252

Ion	Ratio	Lower	Upper
59	100		
57	79.0	59.2	99.2
56	39.5	6.0	46.0

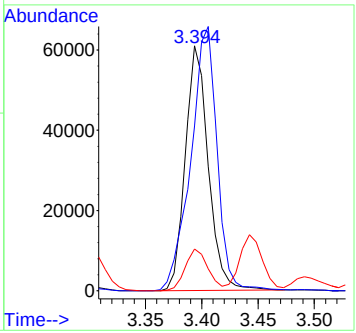


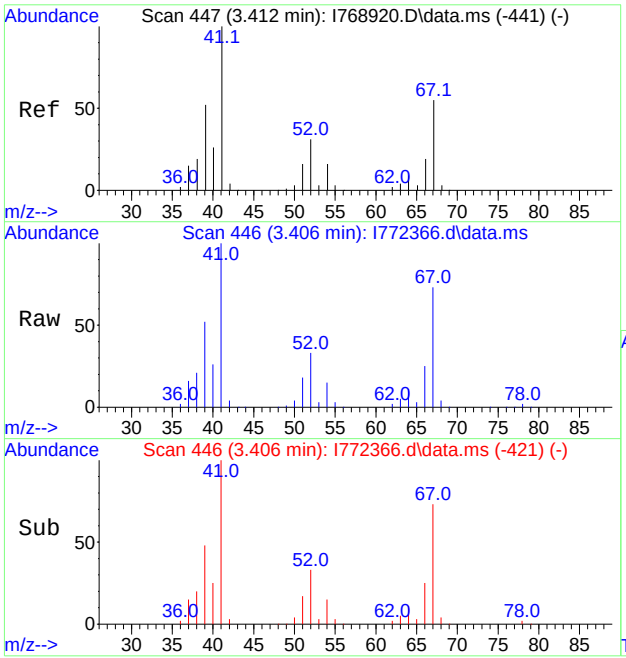


#45
Propionitrile
Concen: 390.7752 ug/L
RT: 3.394 min Scan# 444
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 54 Resp: 86646

Ion	Ratio	Lower	Upper
54	100		
52	66.9	1.6	41.6#
55	17.1	0.0	34.8

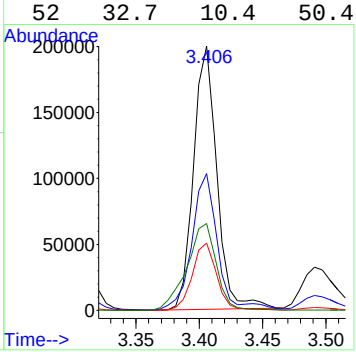


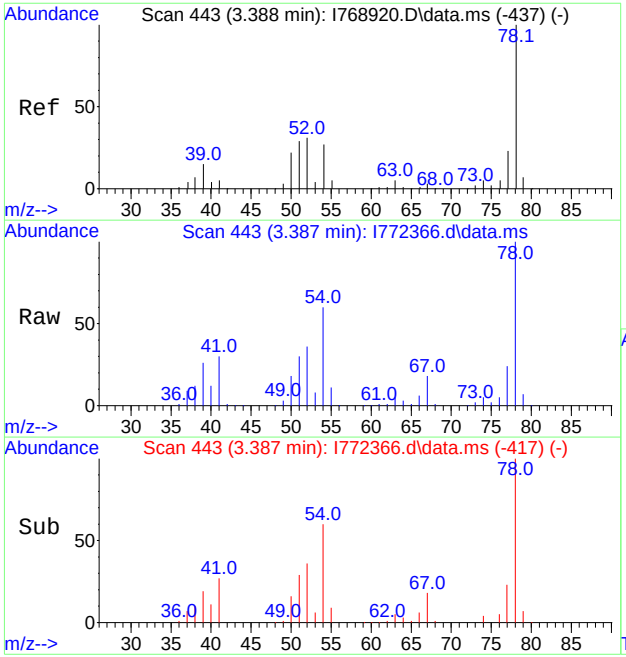


#46
Methacrylonitrile
Concen: 360.5021 ug/L
RT: 3.406 min Scan# 446
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 41 Resp: 255749

Ion	Ratio	Lower	Upper
41	100		
39	51.3	36.3	76.3
40	25.4	5.3	45.3
52	32.7	10.4	50.4

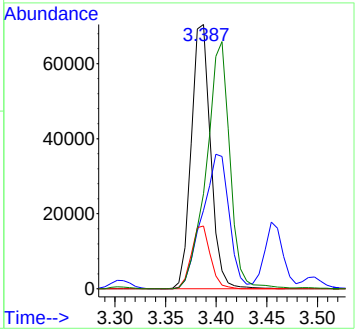


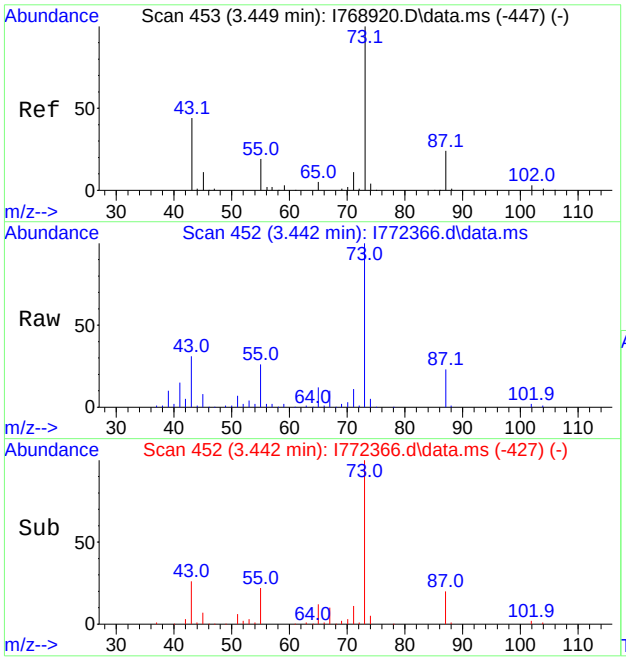


#47
Benzene
Concen: 40.2472 ug/L
RT: 3.387 min Scan# 443
Delta R.T. 0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 78 Resp: 94007

Ion	Ratio	Lower	Upper
78	100		
51	29.7	0.0	51.7
77	23.7	0.0	53.1
52	35.9	0.0	54.6

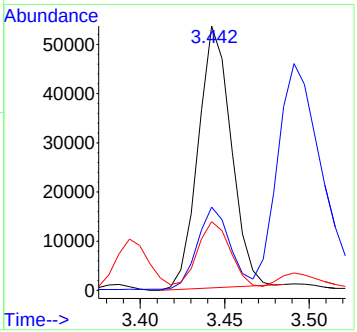


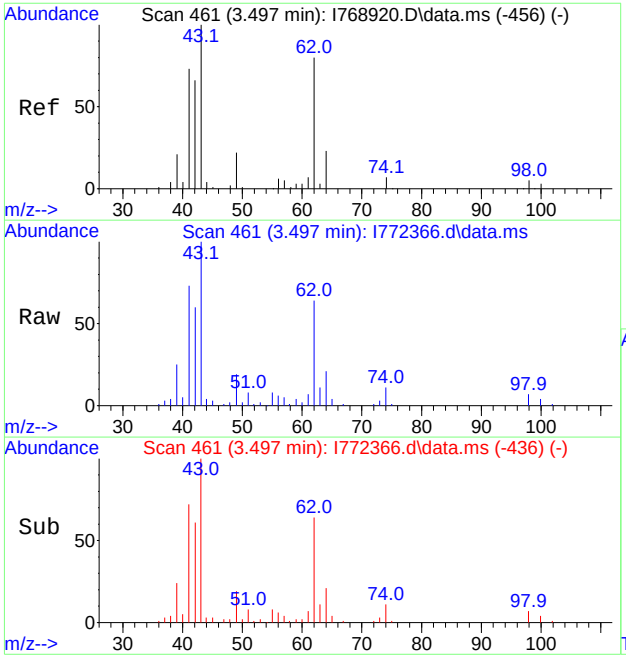


#48
TAME
Concen: 40.0743 ug/L
RT: 3.442 min Scan# 452
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 73 Resp: 72485

Ion	Ratio	Lower	Upper
73	100		
43	31.0	52.3	92.3#
55	21.3	8.3	48.3

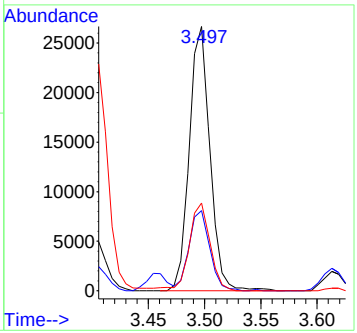


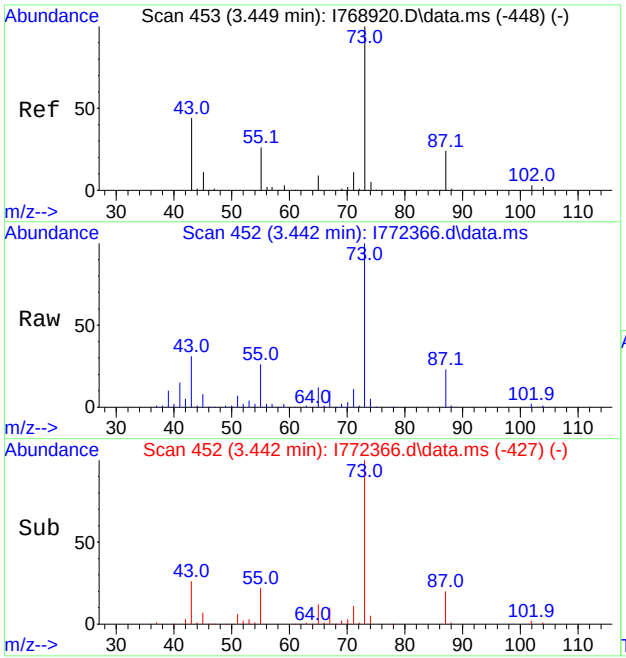


#50
1,2-Dichloroethane
Concen: 37.1744 ug/L
RT: 3.497 min Scan# 461
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 62 Resp: 34051

Ion	Ratio	Lower	Upper
62	100		
49	30.4	0.0	59.2
64	33.2	1.9	61.9

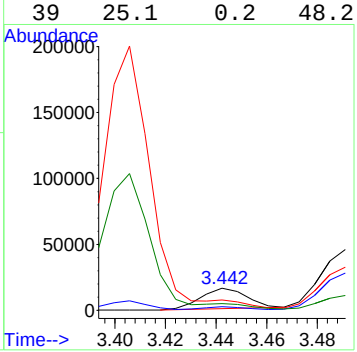


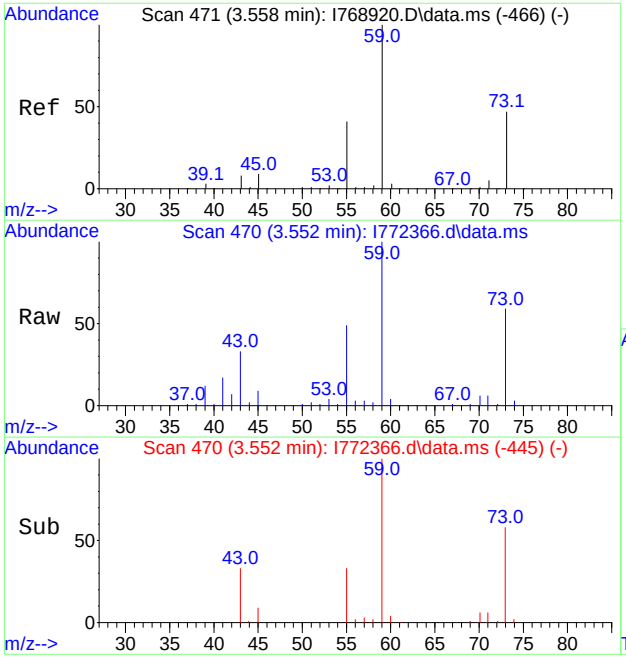


#51
Isobutyl Alcohol
Concen: 711.0410 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 19750

Ion	Ratio	Lower	Upper
43	100		
42	11.4	0.0	92.6
41	36.6	0.0	121.9
39	25.1	0.2	48.2

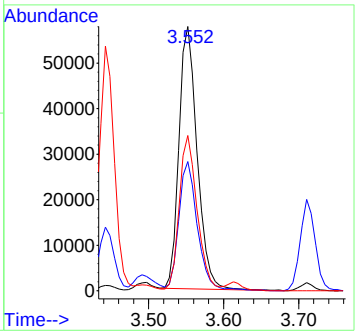


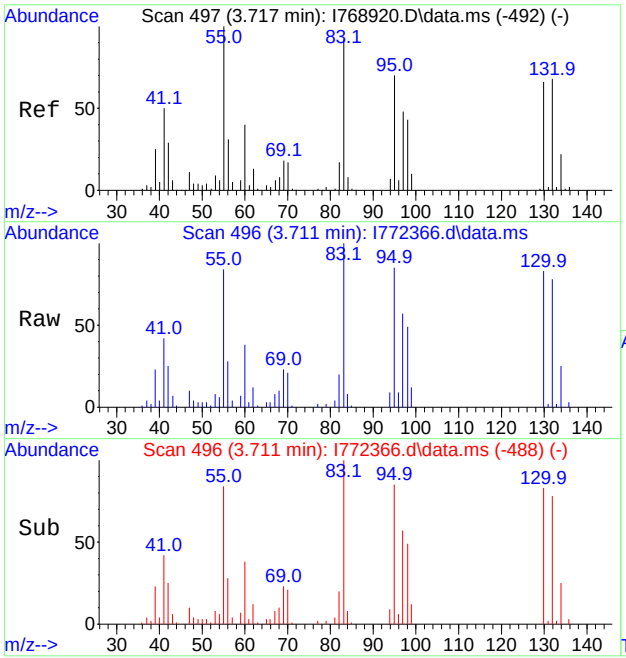


#52
Tert Amyl Alcohol
Concen: 417.8050 ug/L
RT: 3.552 min Scan# 470
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 59 Resp: 97030

Ion	Ratio	Lower	Upper
59	100		
55	48.9	13.4	73.4
73	58.7	26.6	86.6

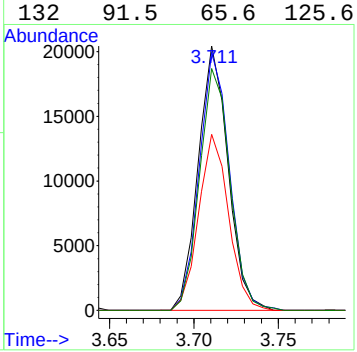


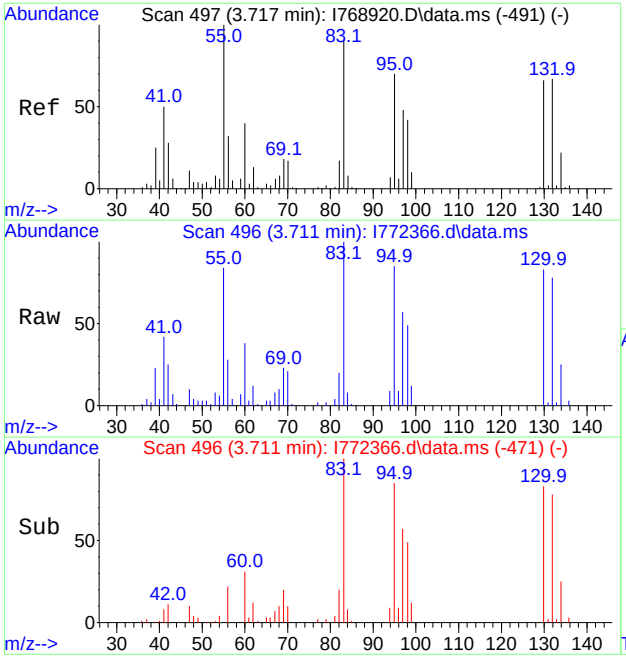


#53
Trichloroethene
Concen: 39.9574 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 95 Resp: 25198

Ion	Ratio	Lower	Upper
95	100		
130	97.7	64.6	124.6
97	66.5	34.7	94.7
132	91.5	65.6	125.6

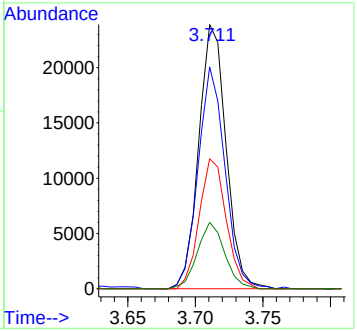


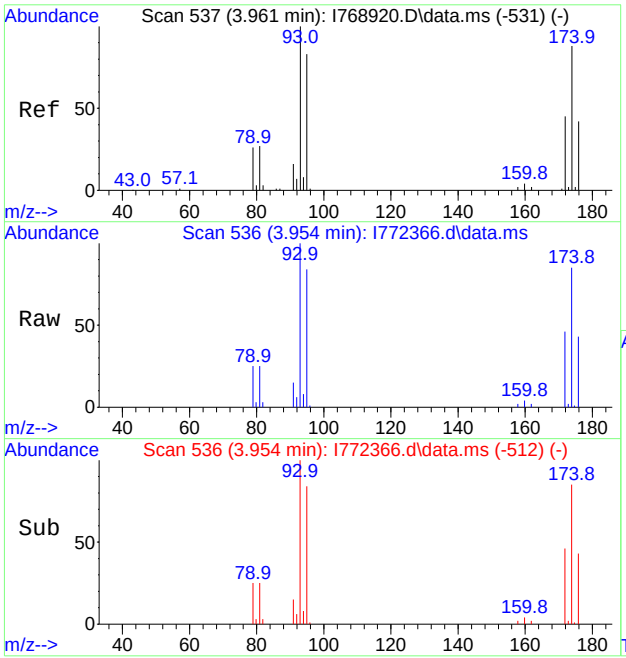


#54
Methylcyclohexane
Concen: 44.0227 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 83 Resp: 33785

Ion	Ratio	Lower	Upper
83	100		
55	83.9	70.4	110.4
98	49.1	25.0	65.0
42	25.2	7.7	47.7

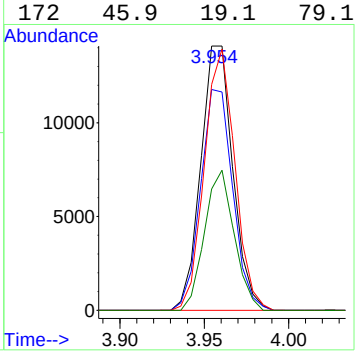


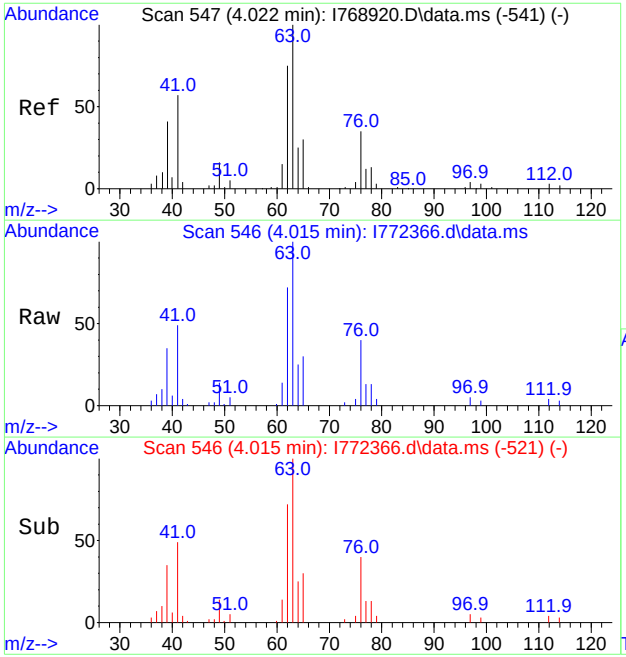


#55
Dibromomethane
Concen: 41.5891 ug/L
RT: 3.954 min Scan# 536
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 93 Resp: 18713

Ion	Ratio	Lower	Upper
93	100		
95	83.5	51.8	111.8
174	85.4	61.6	121.6
172	45.9	19.1	79.1

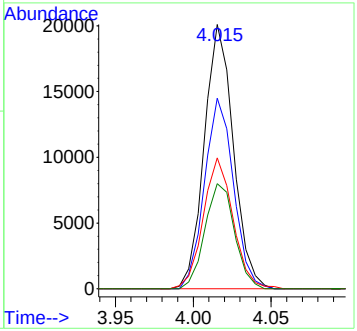


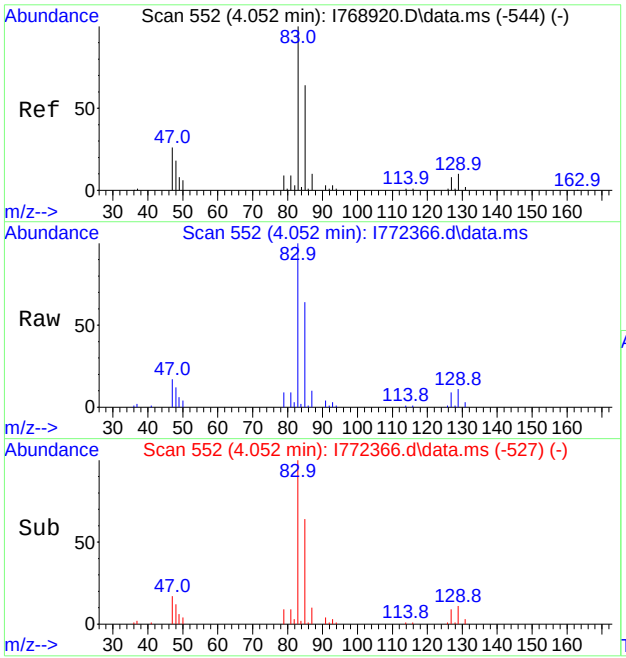


#56
1,2-Dichloropropane
Concen: 42.0721 ug/L
RT: 4.015 min Scan# 546
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 63 Resp: 26070

Ion	Ratio	Lower	Upper
63	100		
62	72.1	39.2	99.2
41	49.5	28.0	88.0
76	39.8	9.6	69.6

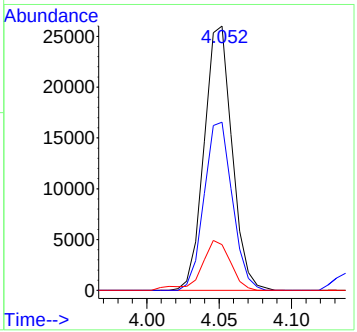


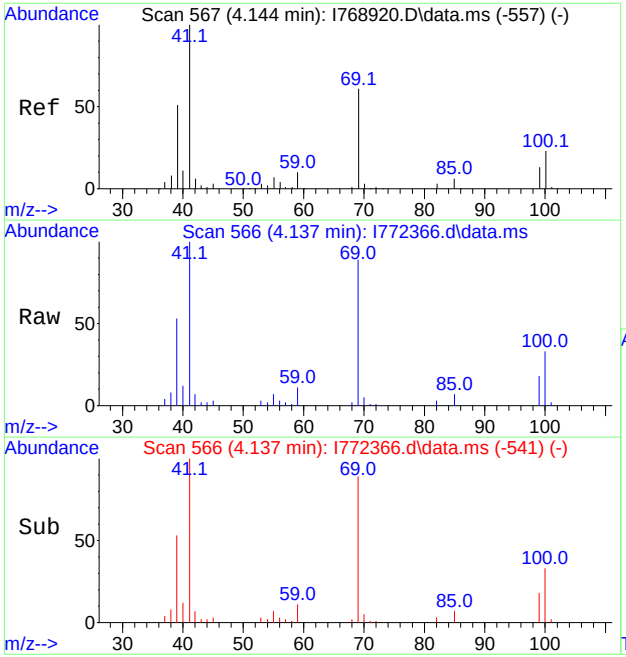


#57
Bromodichloromethane
Concen: 39.8062 ug/L
RT: 4.052 min Scan# 552
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 83 Resp: 34950

Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.2	84.0
47	17.3	14.9	27.7

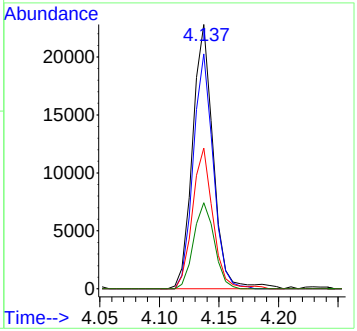


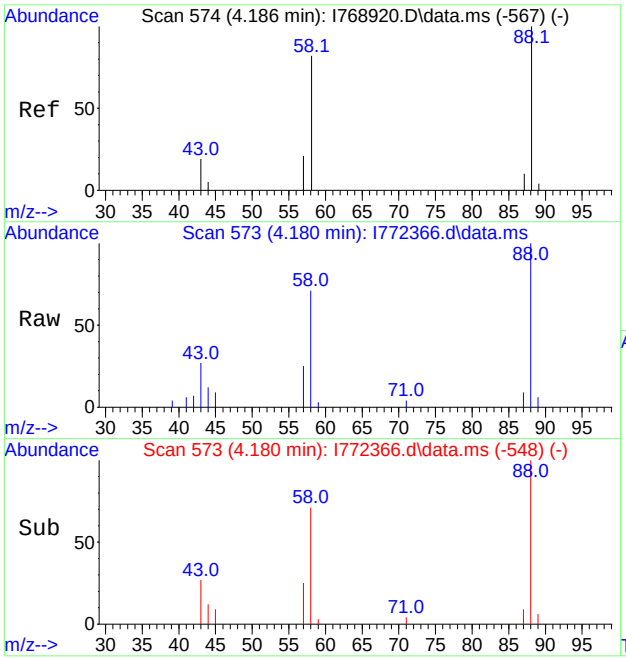


#58
Methyl methacrylate
Concen: 35.0313 ug/L
RT: 4.137 min Scan# 566
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 41 Resp: 27486

Ion	Ratio	Lower	Upper
41	100		
69	88.8	49.4	89.4
39	53.3	38.8	78.8
100	32.5	4.5	44.5

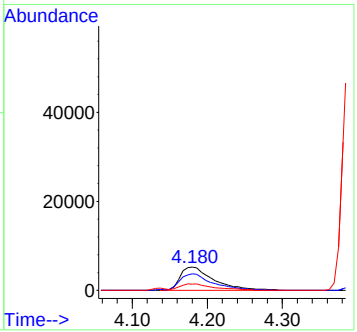


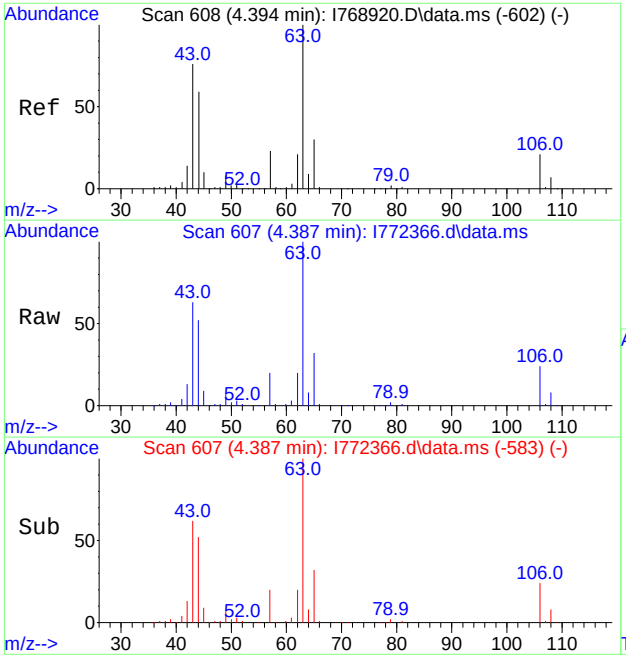


#59
1,4-Dioxane
Concen: 956.9293 ug/L
RT: 4.180 min Scan# 573
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 88 Resp: 16266

Ion	Ratio	Lower	Upper
88	100		
58	71.0	41.6	101.6
43	27.3	5.0	65.0

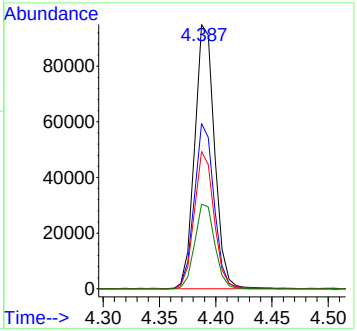


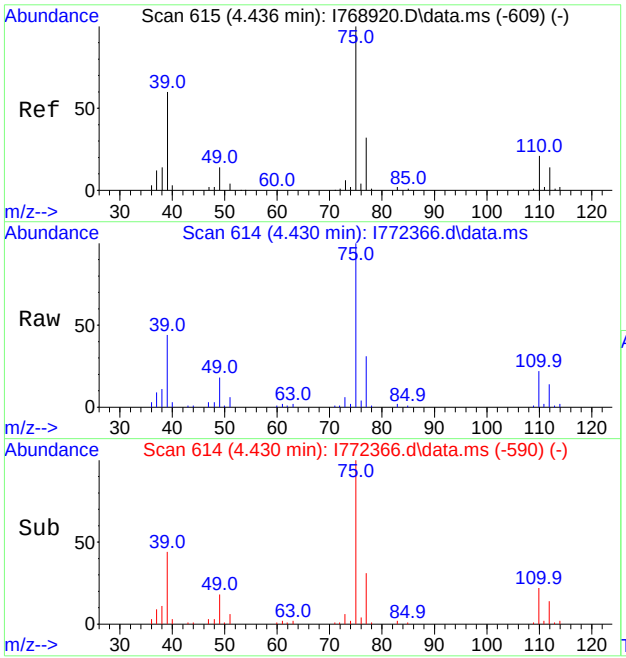


#60
2-Chloroethyl vinyl ether
Concen: 214.6538 ug/L
RT: 4.387 min Scan# 607
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 63 Resp: 116944

Ion	Ratio	Lower	Upper
63	100		
43	62.5	41.4	101.4
44	51.7	24.6	84.6
65	32.0	1.7	61.7

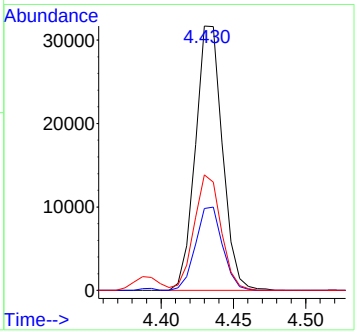


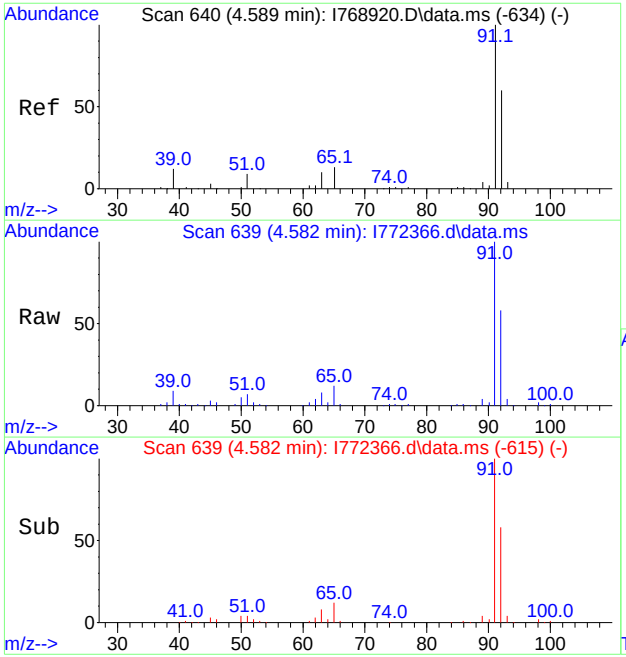


#61
cis-1,3-Dichloropropene
Concen: 41.9651 ug/L
RT: 4.430 min Scan# 614
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 75 Resp: 41244

Ion	Ratio	Lower	Upper
75	100		
77	30.9	2.0	62.0
39	43.7	27.8	87.8

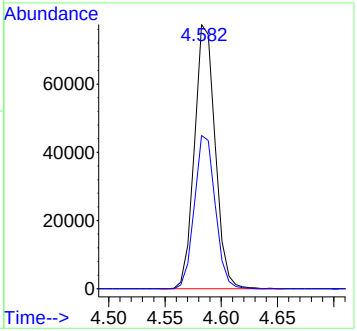


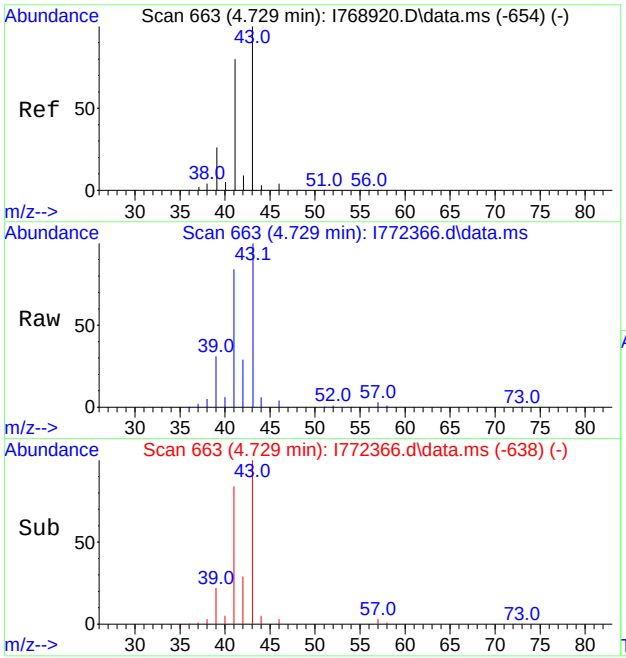


#64
Toluene
Concen: 40.0263 ug/L
RT: 4.582 min Scan# 639
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 99289

Ion	Ratio	Lower	Upper
91	100		
92	58.0	28.4	88.4

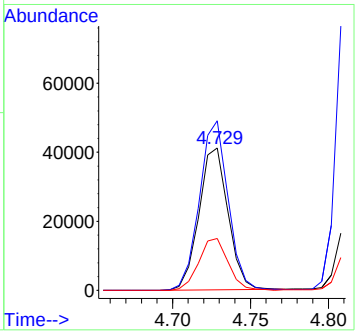


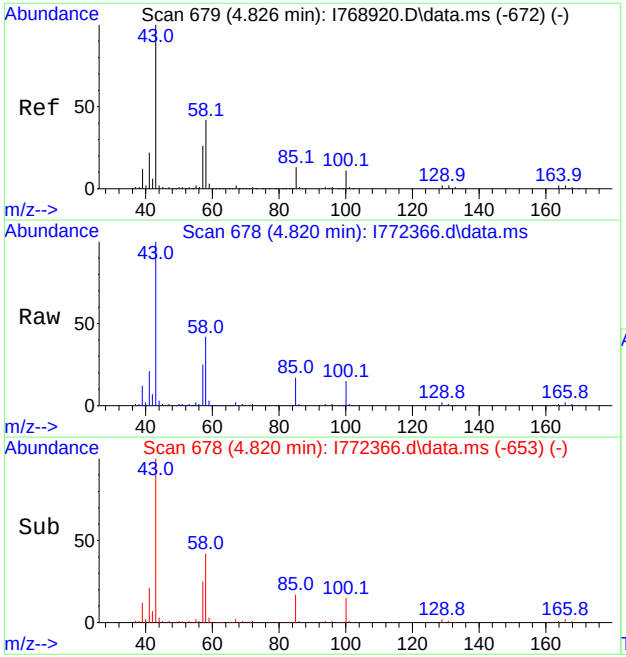


#65
2-Nitropropane
Concen: 167.2555 ug/L
RT: 4.729 min Scan# 663
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 41 Resp: 53234

Ion	Ratio	Lower	Upper
41	100		
43	119.1	97.6	137.6
39	36.5	16.3	56.3

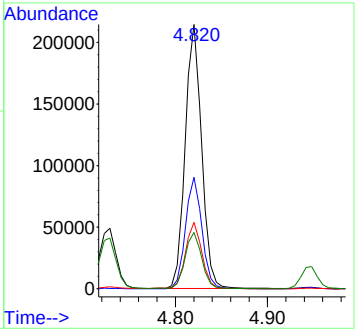


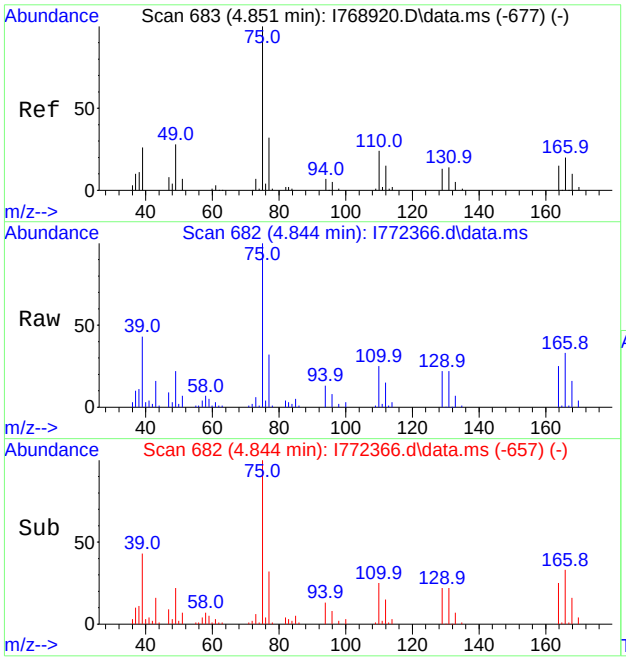


#66
4-Methyl-2-pentanone
Concen: 212.7033 ug/L
RT: 4.820 min Scan# 678
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 265868

Ion	Ratio	Lower	Upper
43	100		
58	42.3	8.5	68.5
57	25.2	0.0	55.2
41	21.4	0.0	54.3

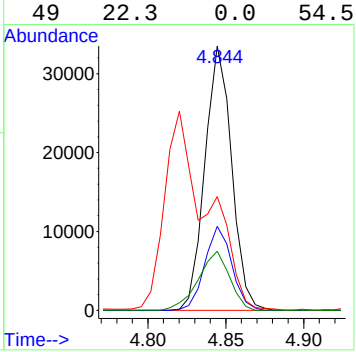


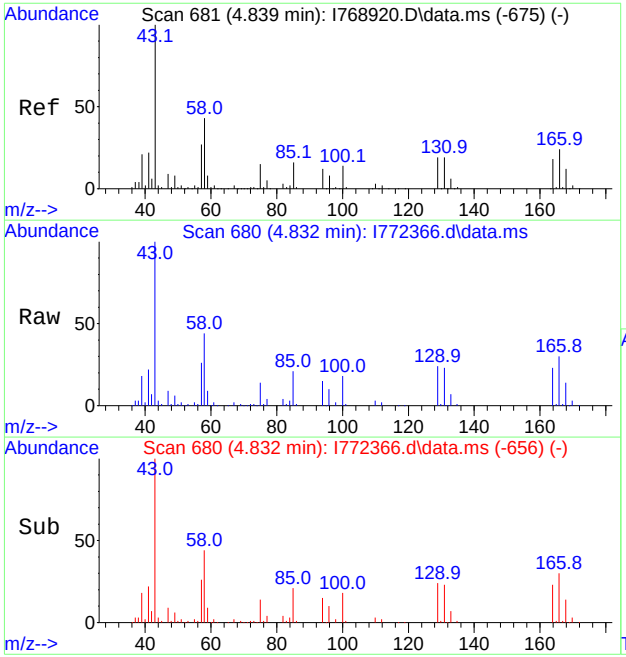


#67
trans-1,3-Dichloropropene
Concen: 39.8517 ug/L
RT: 4.844 min Scan# 682
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 75 Resp: 39955

Ion	Ratio	Lower	Upper
75	100		
77	31.8	2.0	62.0
39	43.0	29.3	89.3
49	22.3	0.0	54.5

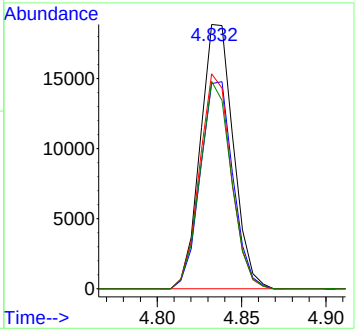


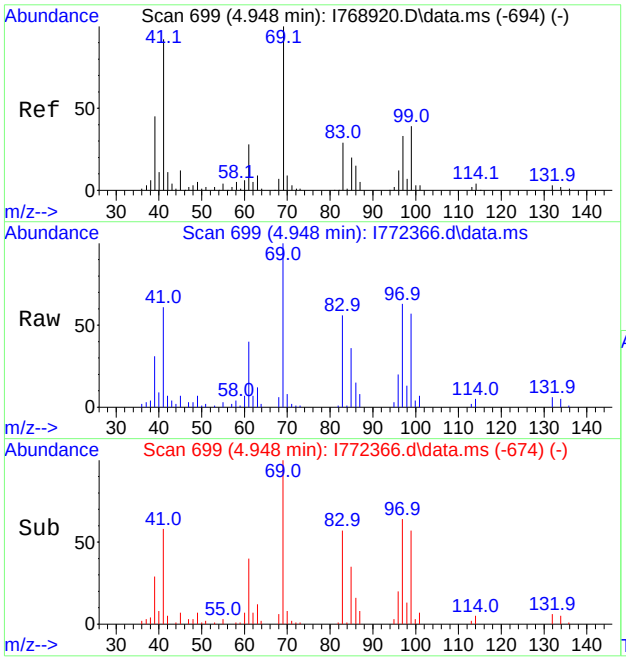


#68
Tetrachloroethene
Concen: 45.1583 ug/L
RT: 4.832 min Scan# 680
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:166 Resp: 25631

Ion	Ratio	Lower	Upper
166	100		
164	77.6	45.5	105.5
129	81.3	37.2	97.2
131	78.5	37.4	97.4

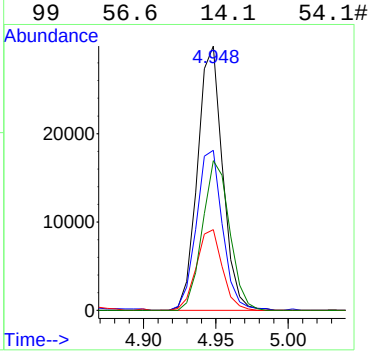


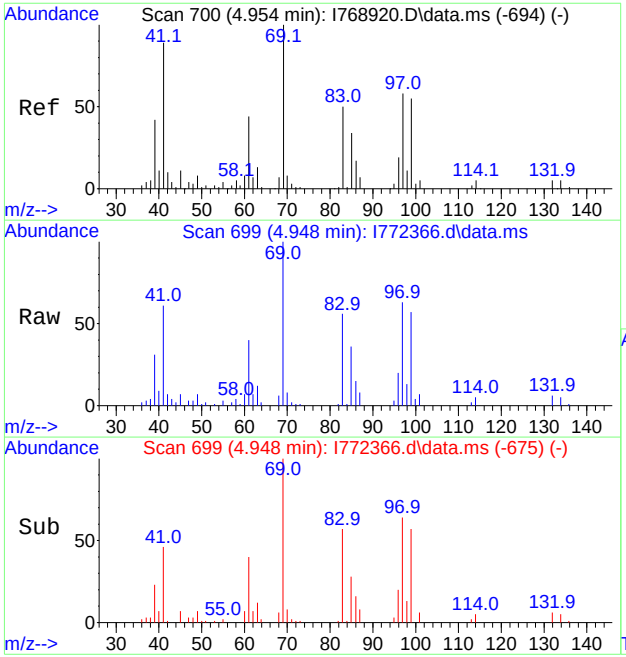


#69
Ethyl methacrylate
Concen: 39.9987 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 69 Resp: 36253

Ion	Ratio	Lower	Upper
69	100		
41	60.6	60.5	100.5
39	30.5	24.1	64.1
99	56.6	14.1	54.1#

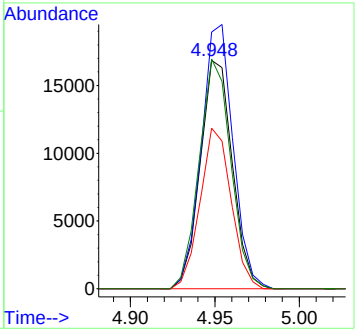


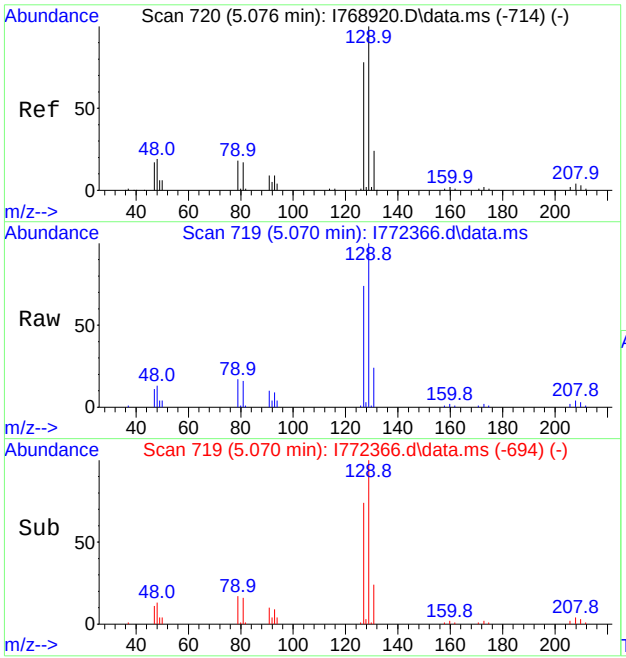


#70
1,1,2-Trichloroethane
Concen: 42.6658 ug/L
RT: 4.948 min Scan# 699
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 83 Resp: 22290

Ion	Ratio	Lower	Upper
83	100		
97	112.4	83.1	143.1
61	70.3	44.3	104.3
99	100.6	53.2	113.2

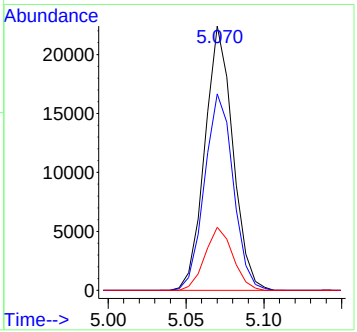


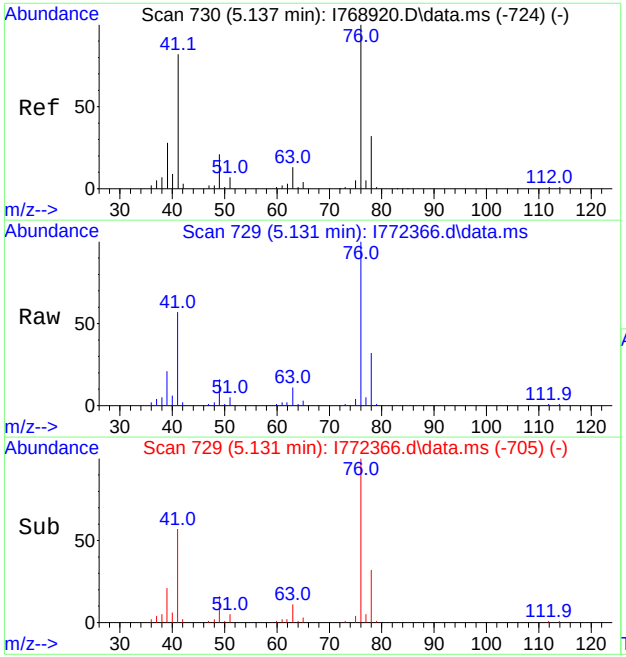


#71
Dibromochloromethane
Concen: 42.2308 ug/L
RT: 5.070 min Scan# 719
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:129 Resp: 27971

Ion	Ratio	Lower	Upper
129	100		
127	74.3	45.3	105.3
131	23.9	0.0	54.1

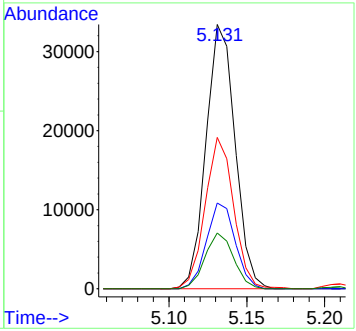


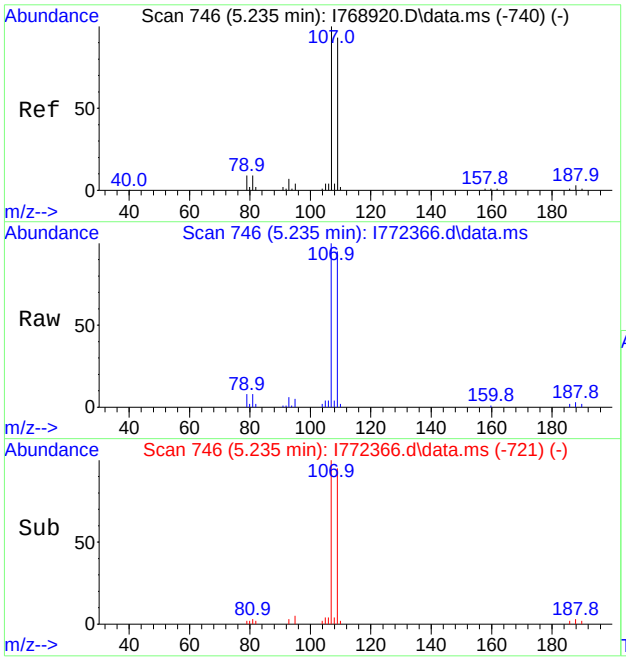


#72
1,3-Dichloropropane
Concen: 41.9904 ug/L
RT: 5.131 min Scan# 729
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 76 Resp: 43324

Ion	Ratio	Lower	Upper
76	100		
78	32.5	2.2	62.2
41	57.3	40.8	100.8
39	21.1	0.0	57.6

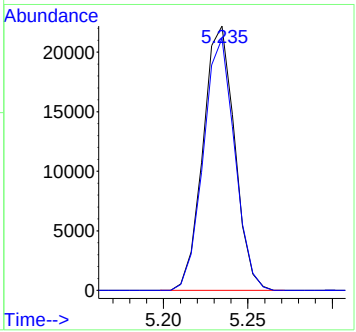


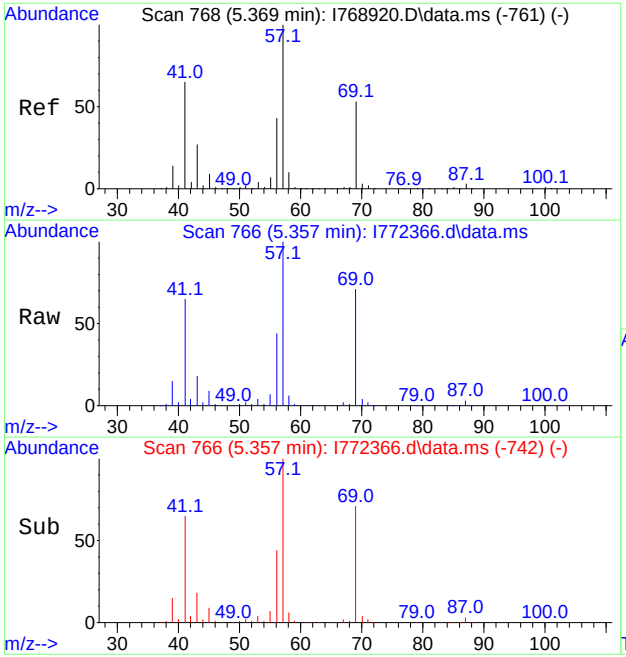


#73
1,2-Dibromoethane
Concen: 42.3266 ug/L
RT: 5.235 min Scan# 746
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:107 Resp: 28955

Ion	Ratio	Lower	Upper
107	100		
109	95.2	64.8	124.8

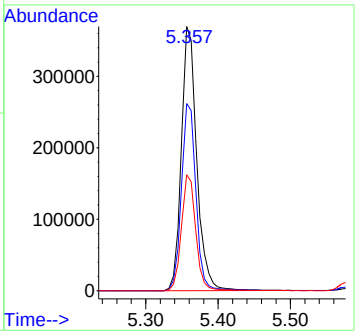


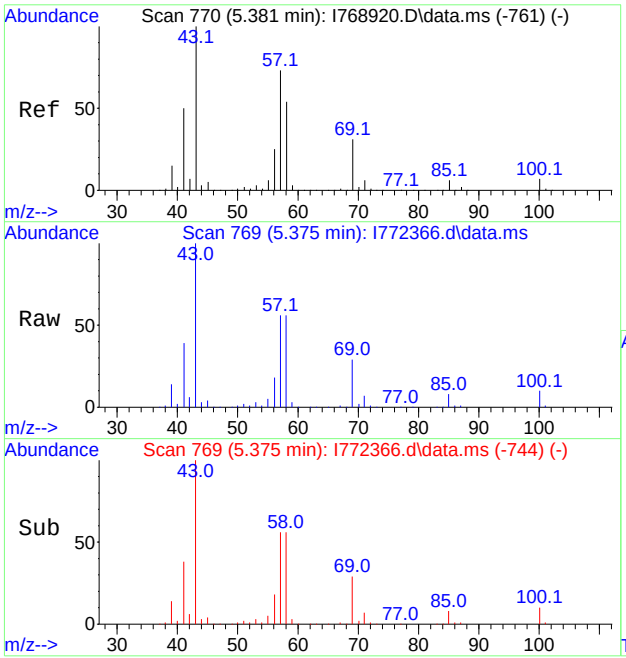


#74
3,3-Dimethyl-1-Butanol
Concen: 2102.8889 ug/L
RT: 5.357 min Scan# 766
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 57 Resp: 543461

Ion	Ratio	Lower	Upper
57	100		
69	70.9	46.8	86.8
56	43.9	22.0	62.0

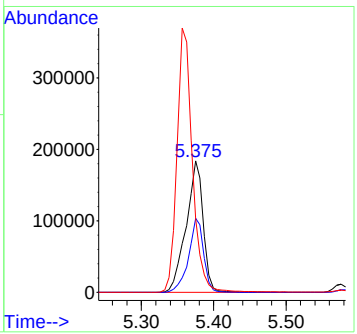


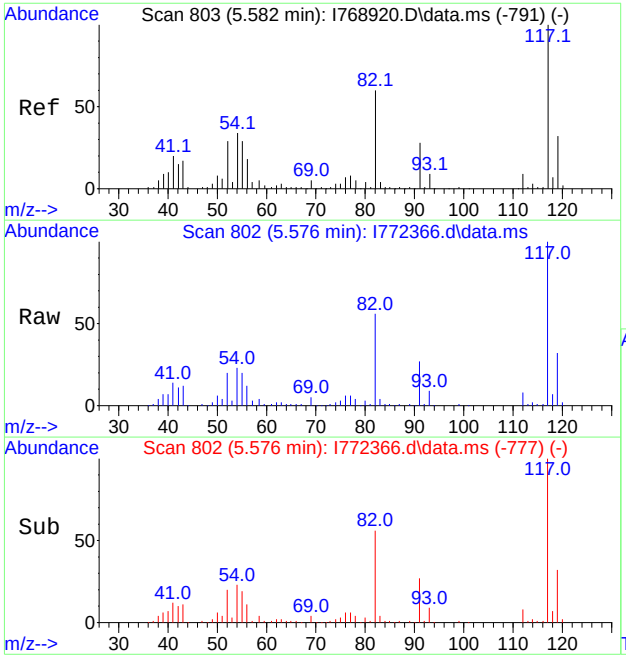


#75
2-hexanone
Concen: 200.5295 ug/L
RT: 5.375 min Scan# 769
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 43 Resp: 300189

Ion	Ratio	Lower	Upper
43	100		
58	56.3	20.1	80.1
57	55.6	33.6	93.6

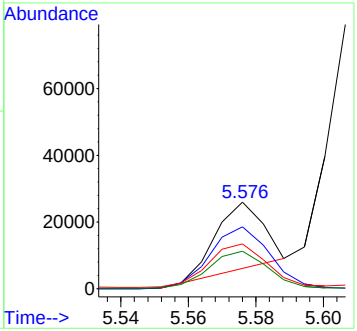


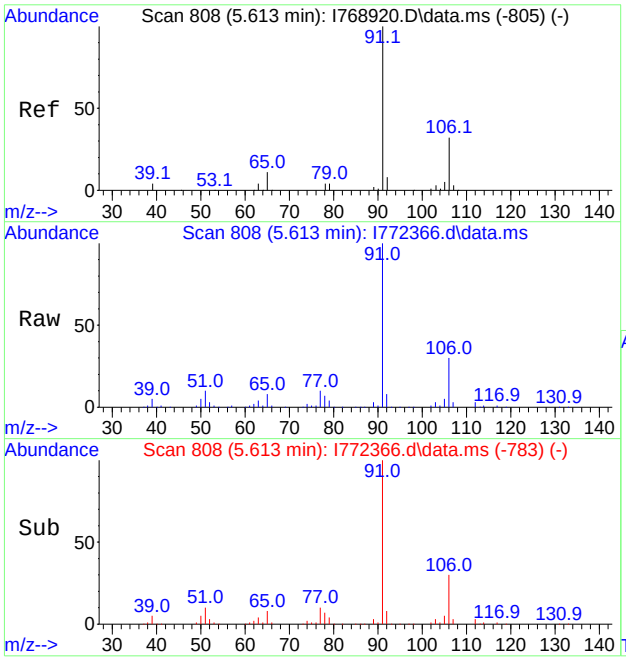


#76
1-Chlorohexane
Concen: 24.6551 ug/L
RT: 5.576 min Scan# 802
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 20682

Ion	Ratio	Lower	Upper
91	100		
55	70.9	60.7	100.7
41	49.9	44.2	84.2
43	42.7	32.8	72.8

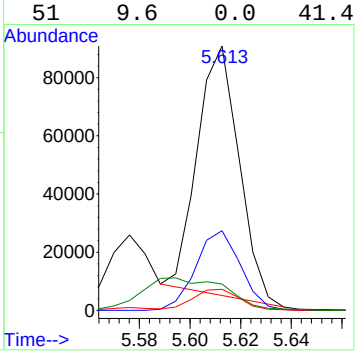


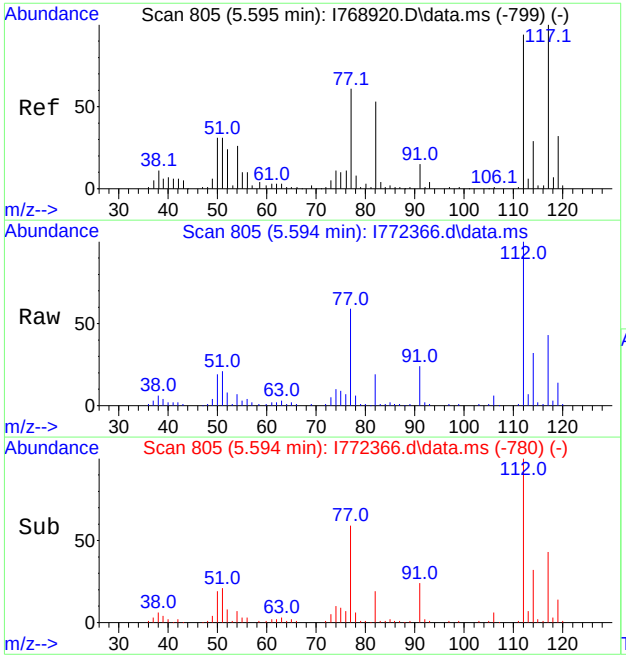


#77
Ethylbenzene
Concen: 35.5165 ug/L
RT: 5.613 min Scan# 808
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 96263

Ion	Ratio	Lower	Upper
91	100		
106	30.2	0.8	60.8
65	7.9	0.0	39.5
51	9.6	0.0	41.4

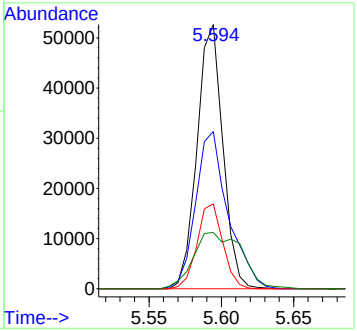


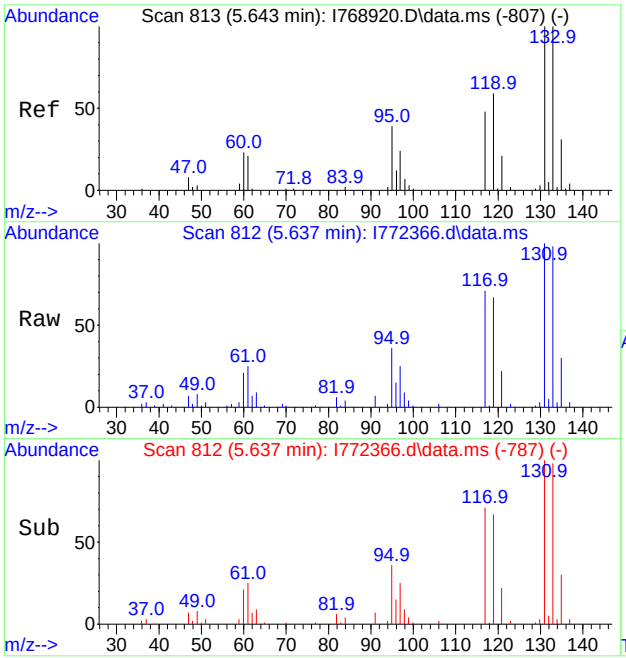


#78
Chlorobenzene
Concen: 40.9225 ug/L
RT: 5.594 min Scan# 805
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:112 Resp: 65673

Ion	Ratio	Lower	Upper
112	100		
77	59.4	30.7	90.7
114	32.1	2.4	62.4
51	21.3	0.0	55.7

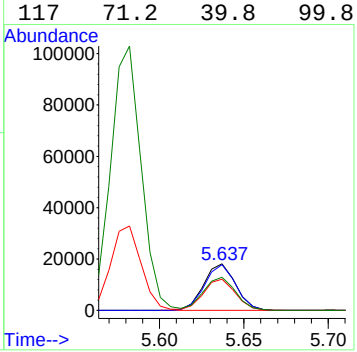


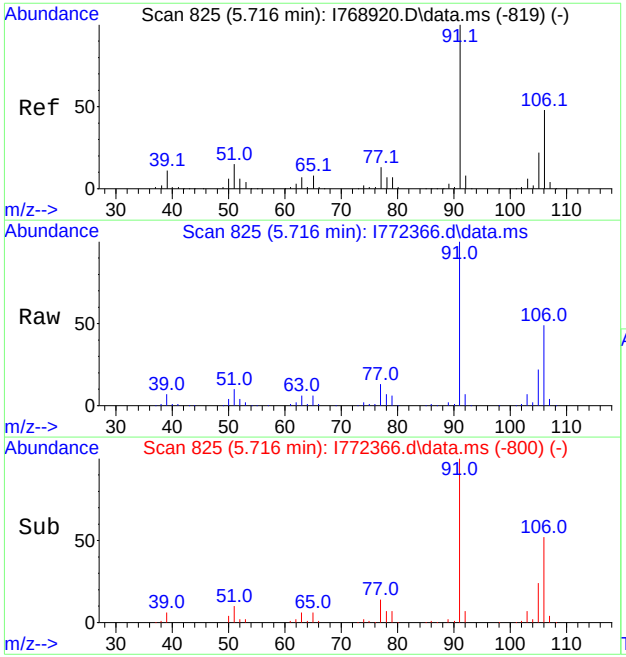


#79
1,1,1,2-Tetrachloroethane
Concen: 42.6492 ug/L
RT: 5.637 min Scan# 812
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:131 Resp: 23871

Ion	Ratio	Lower	Upper
131	100		
133	97.8	70.3	130.3
119	66.9	35.8	95.8
117	71.2	39.8	99.8

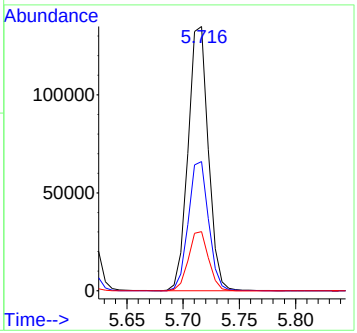


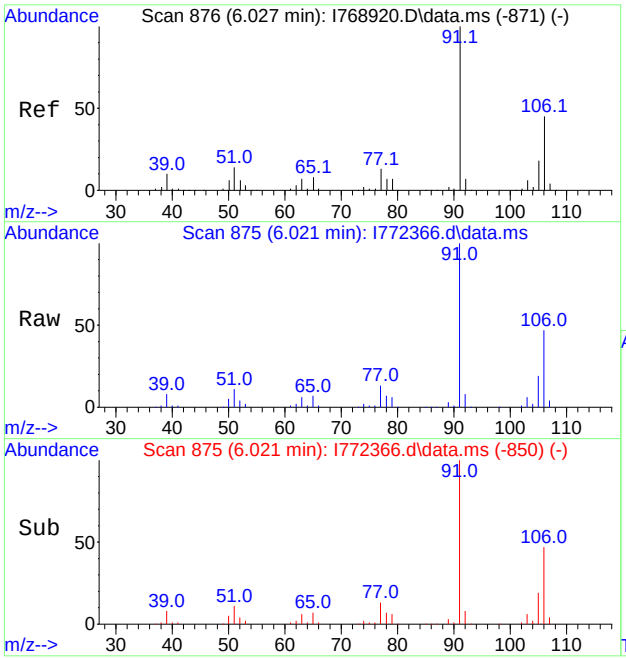


#80
m,p-Xylene
Concen: 82.3561 ug/L
RT: 5.716 min Scan# 825
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 168920

Ion	Ratio	Lower	Upper
91	100		
106	48.9	17.0	77.0
105	22.4	0.0	51.7

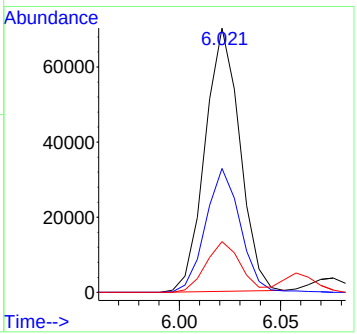


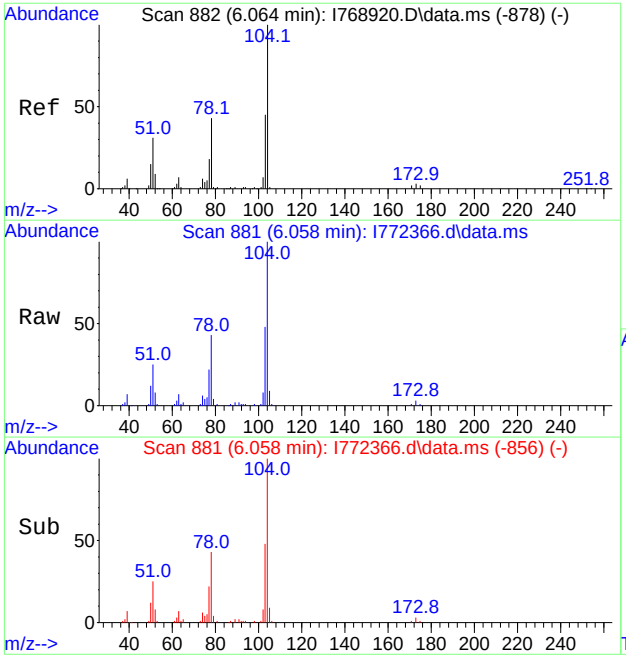


#81
o-Xylene
Concen: 41.1216 ug/L
RT: 6.021 min Scan# 875
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 83882

Ion	Ratio	Lower	Upper
91	100		
106	46.8	15.4	75.4
105	19.2	0.0	49.1

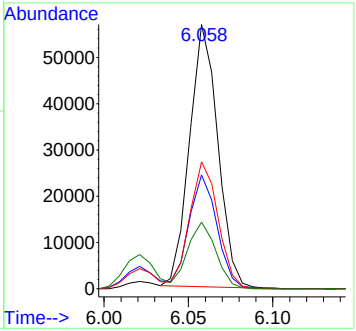


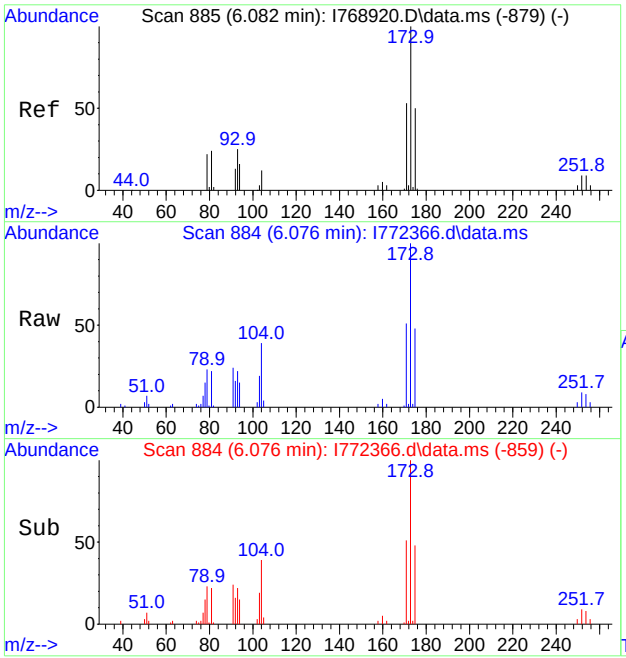


#82
Styrene
Concen: 43.1080 ug/L
RT: 6.058 min Scan# 881
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:104 Resp: 66233

Ion	Ratio	Lower	Upper
104	100		
78	43.0	15.1	75.1
103	48.0	17.1	77.1
51	25.3	0.0	58.2

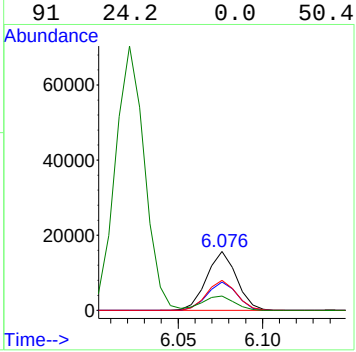


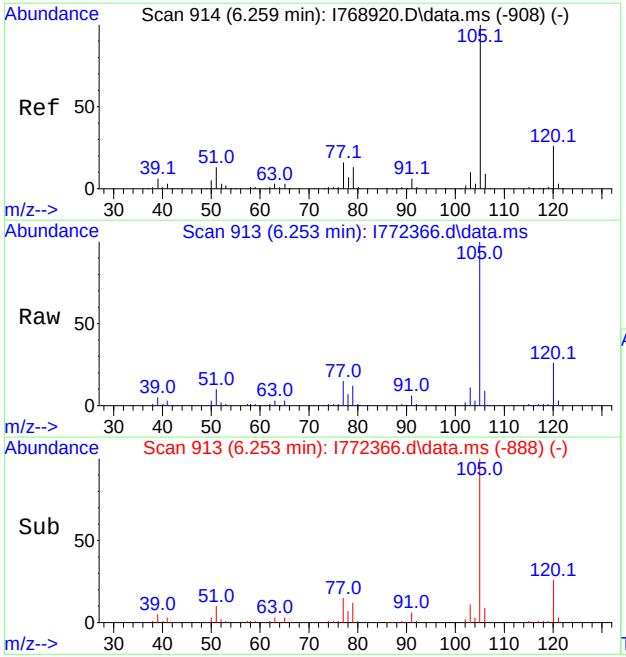


#83
Bromoform
Concen: 42.4122 ug/L
RT: 6.076 min Scan# 884
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:173 Resp: 19384

Ion	Ratio	Lower	Upper
173	100		
175	48.2	18.2	78.2
171	50.8	20.6	80.6
91	24.2	0.0	50.4

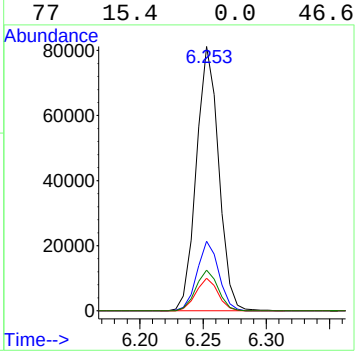


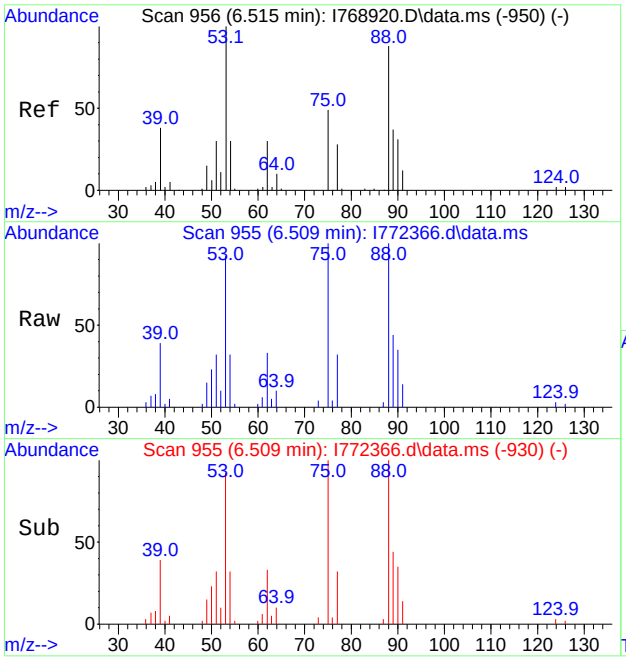


#84
Isopropylbenzene
Concen: 42.3443 ug/L
RT: 6.253 min Scan# 913
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:105 Resp: 99485

Ion	Ratio	Lower	Upper
105	100		
120	26.3	0.0	54.9
79	12.3	0.0	43.9
77	15.4	0.0	46.6

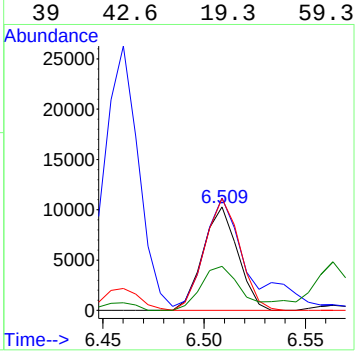


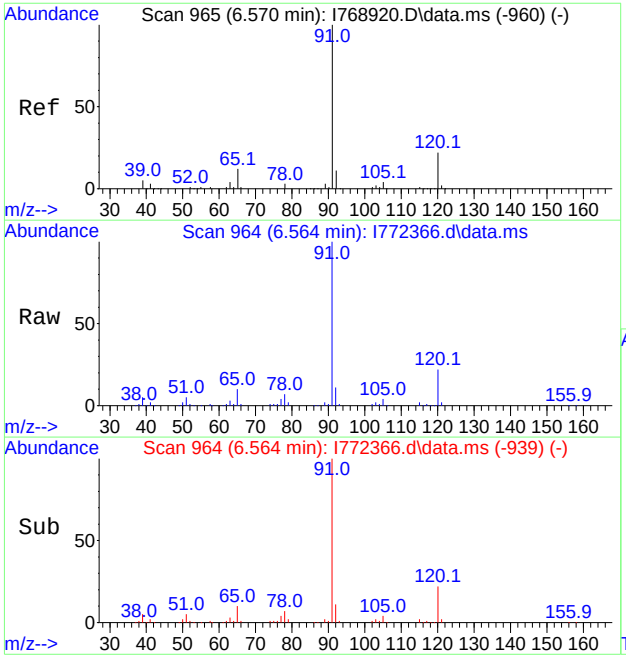


#87
cis-1,4-Dichloro-2-butene
Concen: 29.7136 ug/L
RT: 6.509 min Scan# 955
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 53 Resp: 12311

Ion	Ratio	Lower	Upper
53	100		
75	92.0	62.2	102.2
88	108.1	86.4	126.4
39	42.6	19.3	59.3

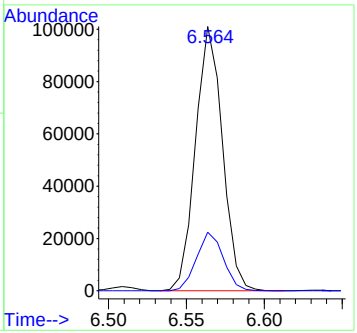


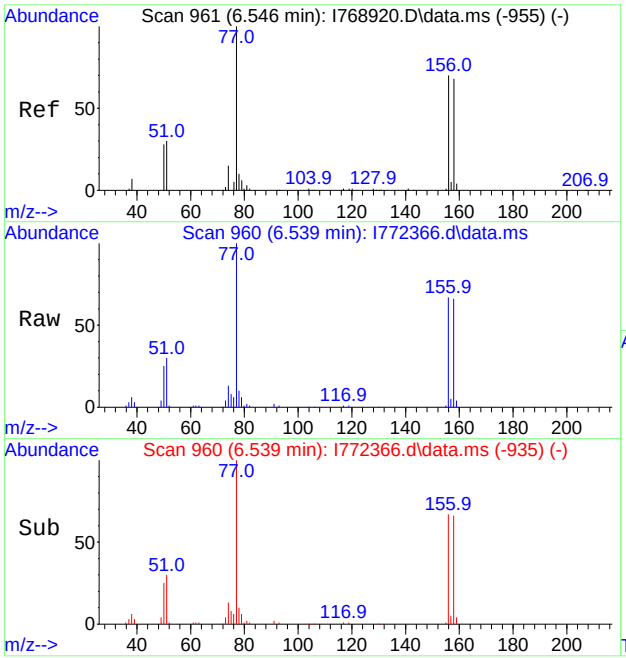


#88
n-Propylbenzene
Concen: 39.4565 ug/L
RT: 6.564 min Scan# 964
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 121460

Ion	Ratio	Lower	Upper
91	100		
120	22.1	0.0	52.3

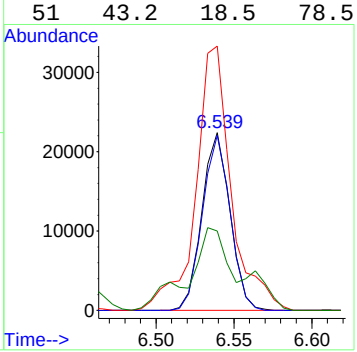


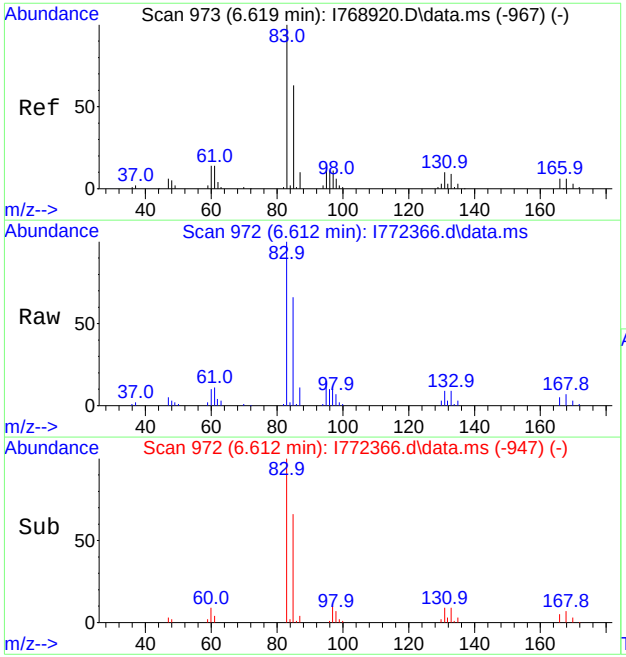


#89
Bromobenzene
Concen: 40.3191 ug/L
RT: 6.539 min Scan# 960
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:156 Resp: 28040

Ion	Ratio	Lower	Upper
156	100		
158	98.4	65.5	125.5
77	146.6	126.3	186.3
51	43.2	18.5	78.5

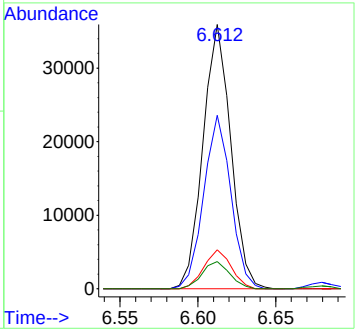


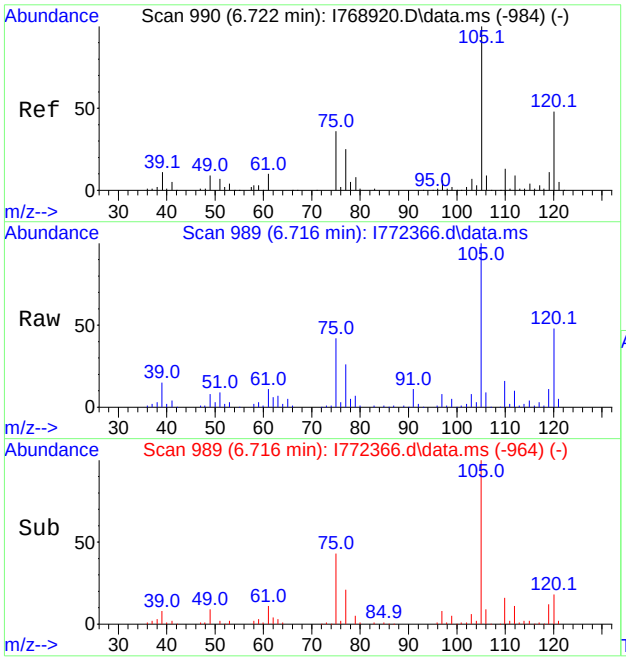


#90
1,1,2,2-Tetrachloroethane
Concen: 40.2972 ug/L
RT: 6.612 min Scan# 972
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 83 Resp: 44495

Ion	Ratio	Lower	Upper
83	100		
85	65.6	36.2	96.2
95	14.8	0.0	46.3
60	10.3	0.0	42.3

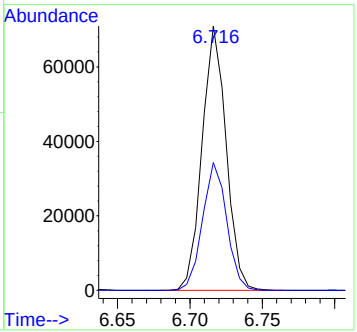


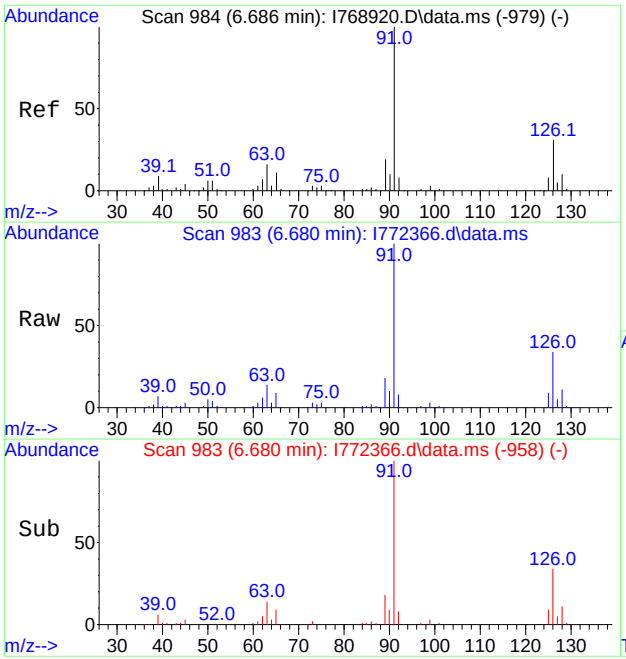


#91
1,3,5-Trimethylbenzene
Concen: 40.5373 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:105 Resp: 82232

Ion	Ratio	Lower	Upper
105	100		
120	48.3	17.5	77.5

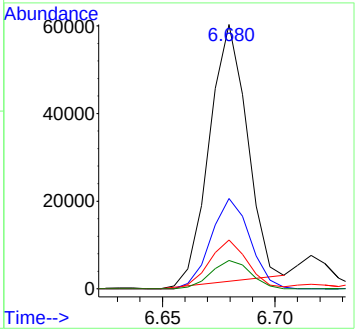


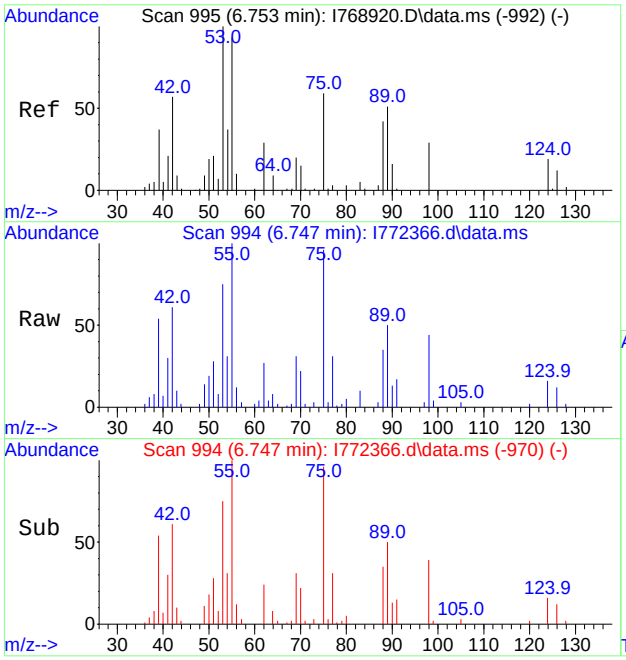


#92
2-Chlorotoluene
Concen: 39.5412 ug/L
RT: 6.680 min Scan# 983
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 68716

Ion	Ratio	Lower	Upper
91	100		
126	34.2	0.4	60.4
89	18.4	0.0	48.4
128	10.7	0.0	39.8

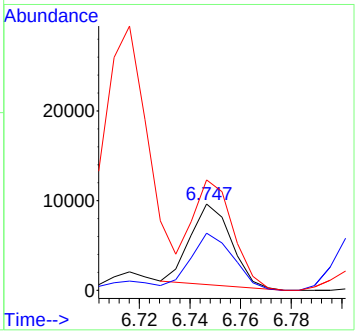


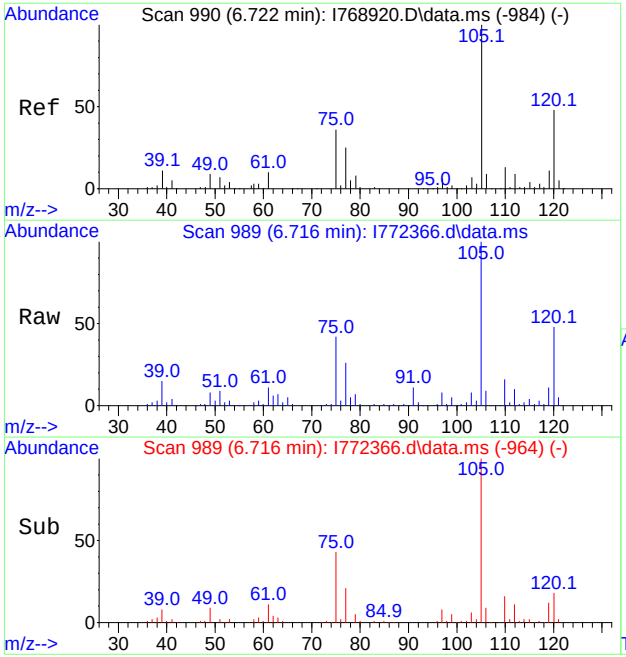


#93
trans-1,4-Dichloro-2-Butene
Concen: 30.9001 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 53 Resp: 9971

Ion	Ratio	Lower	Upper
53	100		
89	66.3	39.5	79.5
75	128.0	80.0	120.0#

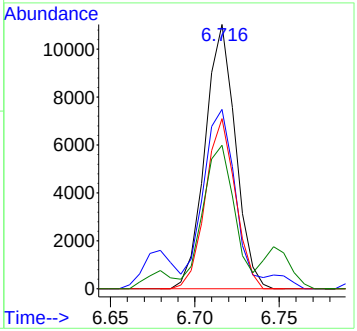


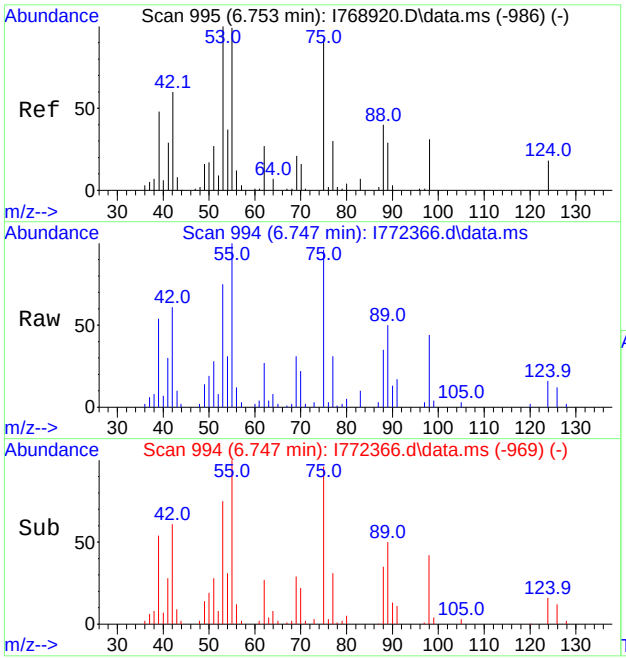


#94
1,2,3-Trichloropropane
Concen: 41.2182 ug/L
RT: 6.716 min Scan# 989
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:110 Resp: 13867

Ion	Ratio	Lower	Upper
110	100		
61	62.9	57.4	117.4
112	64.4	29.8	89.8
49	47.3	39.2	99.2

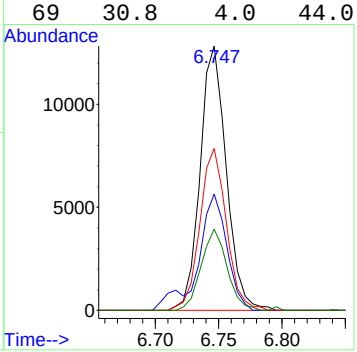


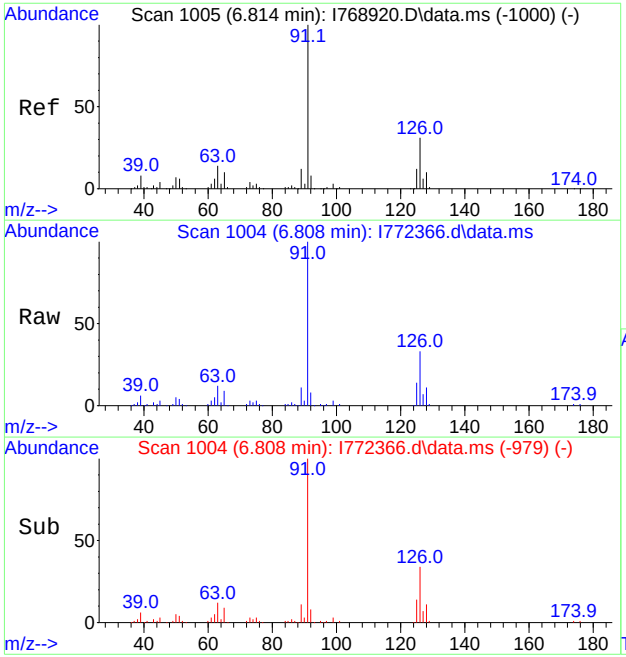


#95
Cyclohexanone
Concen: 213.9761 ug/L
RT: 6.747 min Scan# 994
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 55 Resp: 18414

Ion	Ratio	Lower	Upper
55	100		
98	44.0	20.6	60.6
42	61.2	43.8	83.8
69	30.8	4.0	44.0

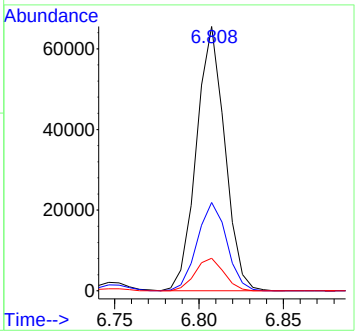


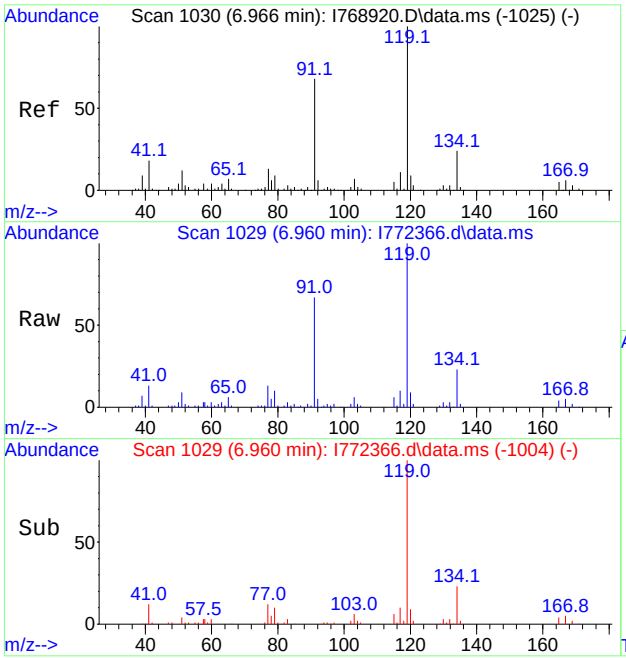


#96
4-Chlorotoluene
Concen: 39.3974 ug/L
RT: 6.808 min Scan# 1004
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 76832

Ion	Ratio	Lower	Upper
91	100		
126	33.5	0.0	59.5
63	12.3	0.0	44.0

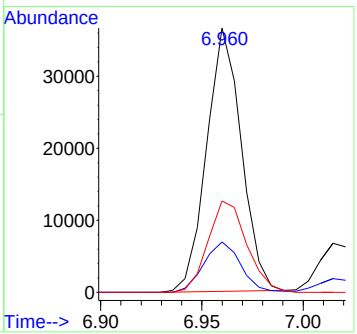


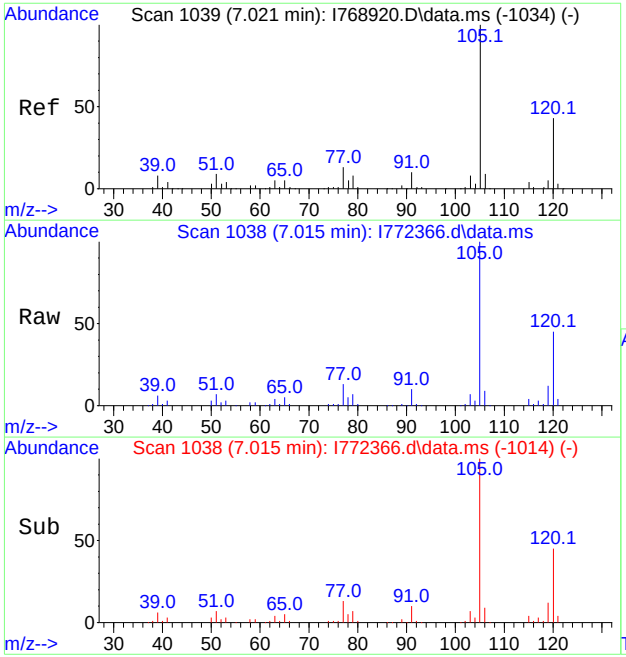


#97
tert-Butylbenzene
Concen: 39.4542 ug/L
RT: 6.960 min Scan# 1029
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 91 Resp: 43687

Ion	Ratio	Lower	Upper
91	100		
41	19.0	0.0	52.9
134	34.6	4.8	64.8

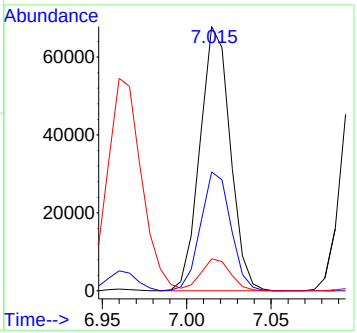


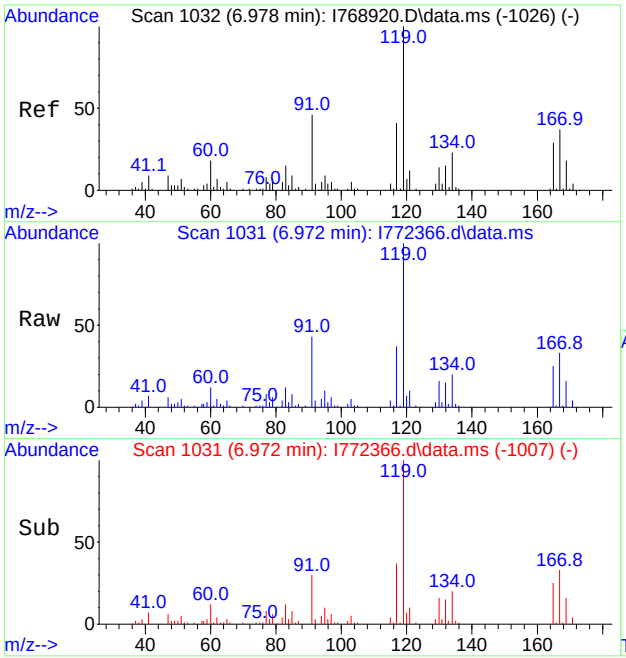


#98
1,2,4-Trimethylbenzene
Concen: 41.3096 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:105 Resp: 84659

Ion	Ratio	Lower	Upper
105	100		
120	44.9	13.7	73.7
119	12.1	0.0	41.5

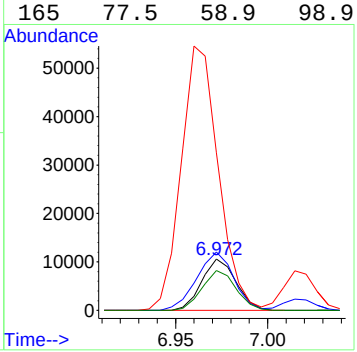


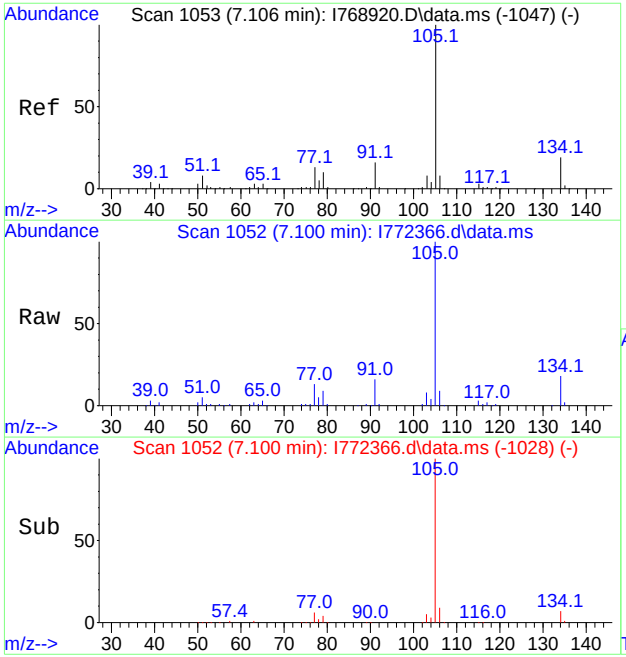


#99
Pentachloroethane
Concen: 36.8558 ug/L
RT: 6.972 min Scan# 1031
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:167 Resp: 13700

Ion	Ratio	Lower	Upper
167	100		
117	113.7	79.4	139.4
119	284.0	554.0	614.0#
165	77.5	58.9	98.9

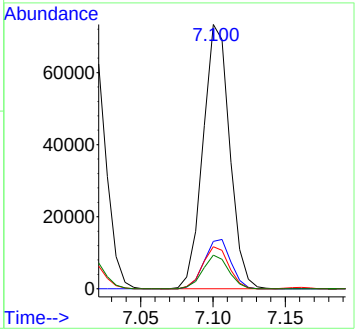


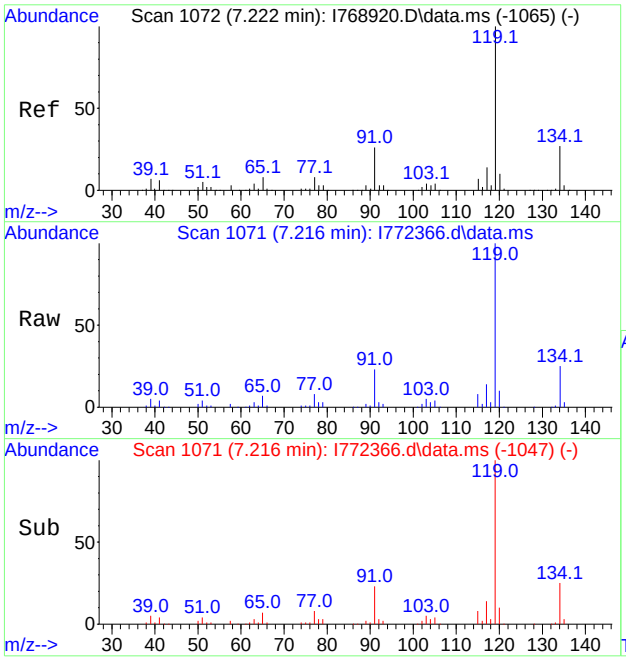


#100
sec-Butylbenzene
Concen: 40.4361 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:105 Resp: 93979

Ion	Ratio	Lower	Upper
105	100		
134	17.9	0.0	50.2
91	16.0	0.0	46.2
77	12.8	0.0	42.9

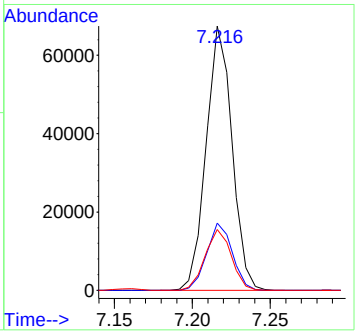


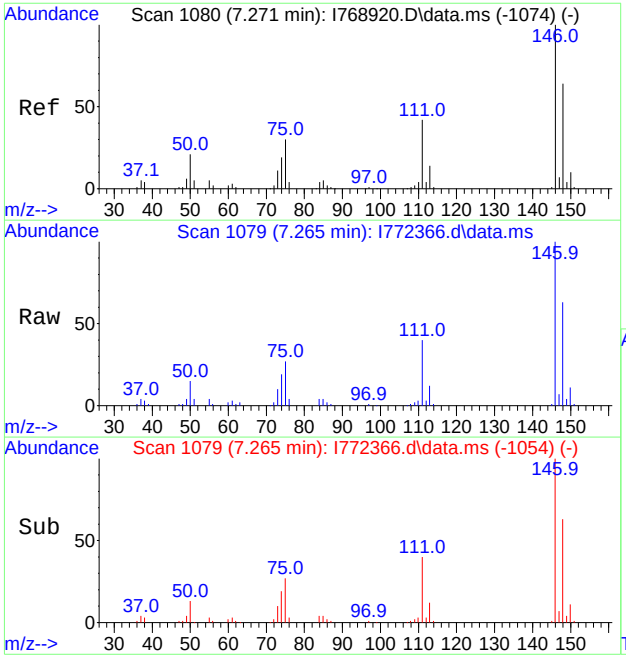


#101
4-Isopropyltoluene
Concen: 40.6697 ug/L
RT: 7.216 min Scan# 1071
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:119 Resp: 77858

Ion	Ratio	Lower	Upper
119	100		
134	25.5	0.0	57.1
91	23.1	0.0	56.2

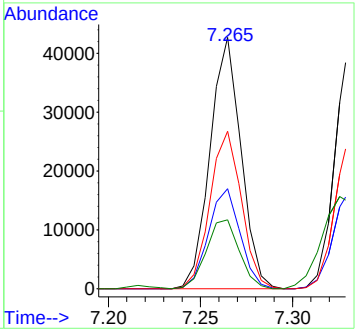


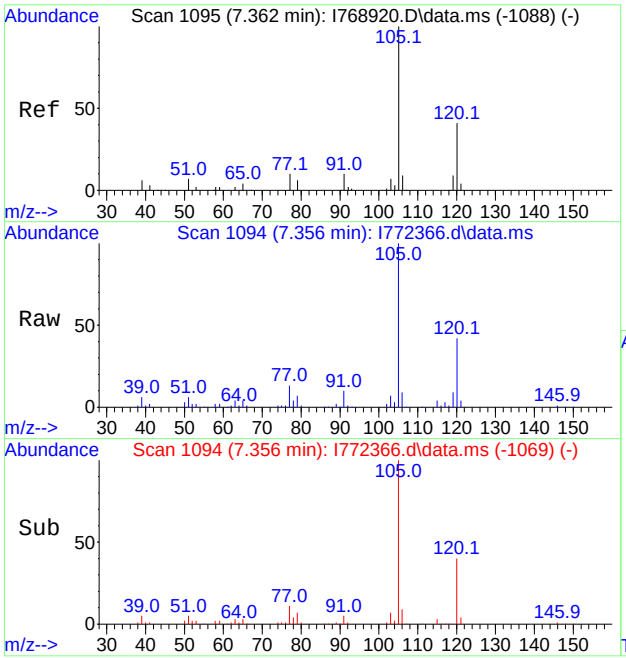


#102
1,3-Dichlorobenzene
Concen: 40.5946 ug/L
RT: 7.265 min Scan# 1079
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:146 Resp: 50131

Ion	Ratio	Lower	Upper
146	100		
111	39.8	11.0	71.0
148	62.7	32.9	92.9
75	27.4	0.0	58.8

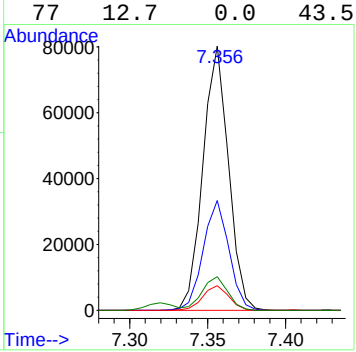


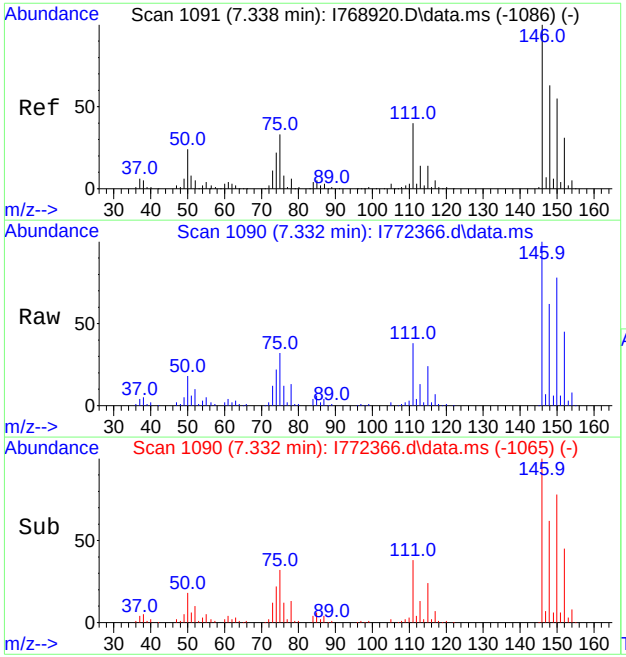


#103
1,2,3-Trimethylbenzene
Concen: 42.7456 ug/L
RT: 7.356 min Scan# 1094
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:105 Resp: 91390

Ion	Ratio	Lower	Upper
105	100		
120	41.6	11.0	71.0
119	9.4	0.0	39.1
77	12.7	0.0	43.5

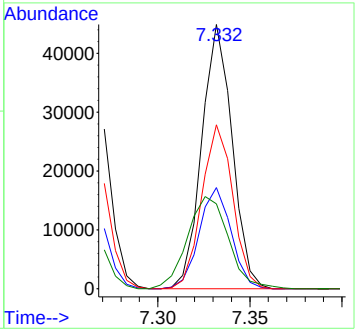


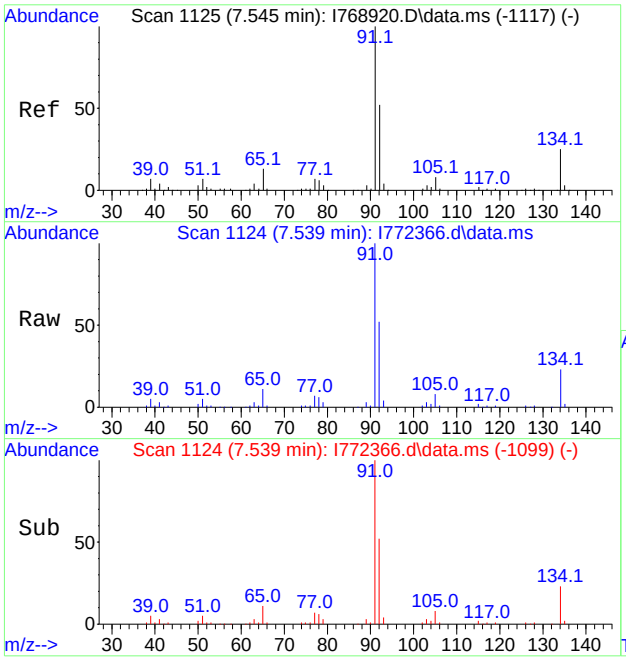


#104
1,4-Dichlorobenzene
Concen: 40.0600 ug/L
RT: 7.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:146 Resp: 51694

Ion	Ratio	Lower	Upper
146	100		
111	38.3	9.8	69.8
148	62.0	33.7	93.7
75	31.8	2.1	62.1

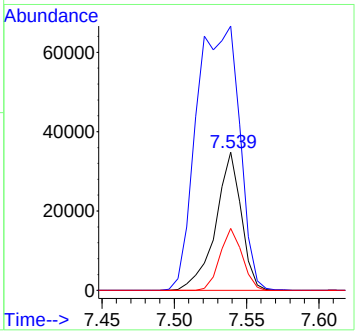


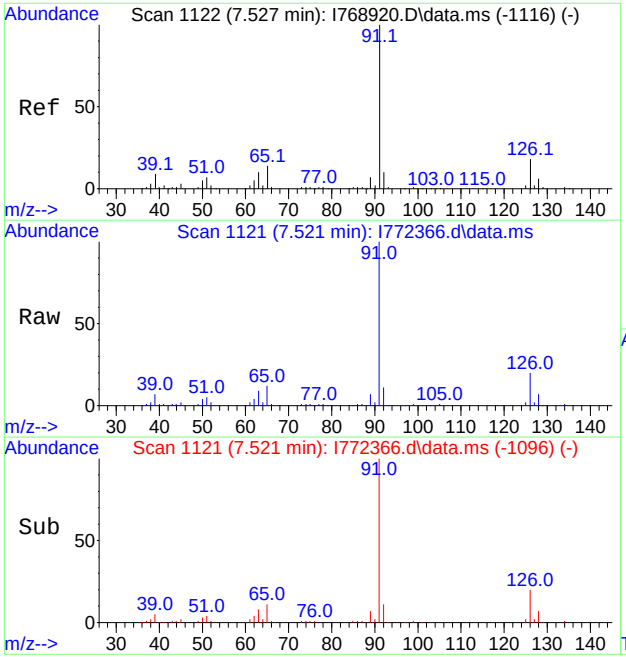


#105
n-Butylbenzene
Concen: 40.0694 ug/L
RT: 7.539 min Scan# 1124
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 92 Resp: 43015

Ion	Ratio	Lower	Upper
92	100		
91	191.4	158.3	218.3
134	44.8	16.3	76.3

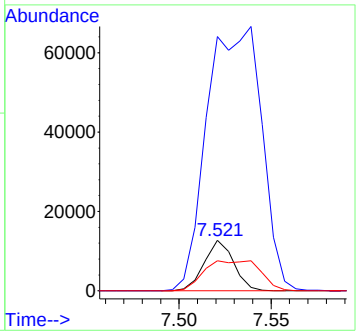


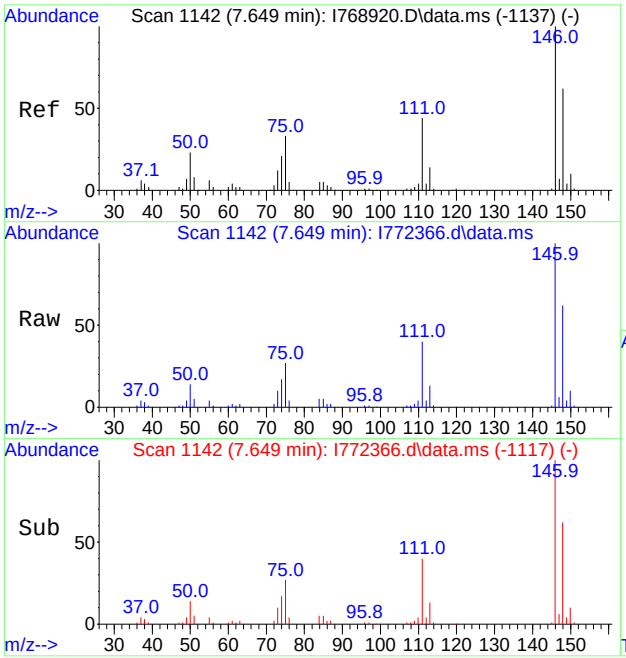


#106
Benzyl Chloride
Concen: 38.1089 ug/L
RT: 7.521 min Scan# 1121
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:126 Resp: 14170

Ion	Ratio	Lower	Upper
126	100		
91	502.9	503.6	543.6#
65	59.7	49.6	89.6

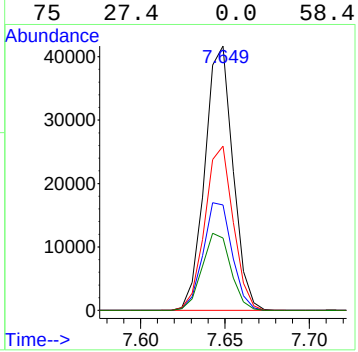


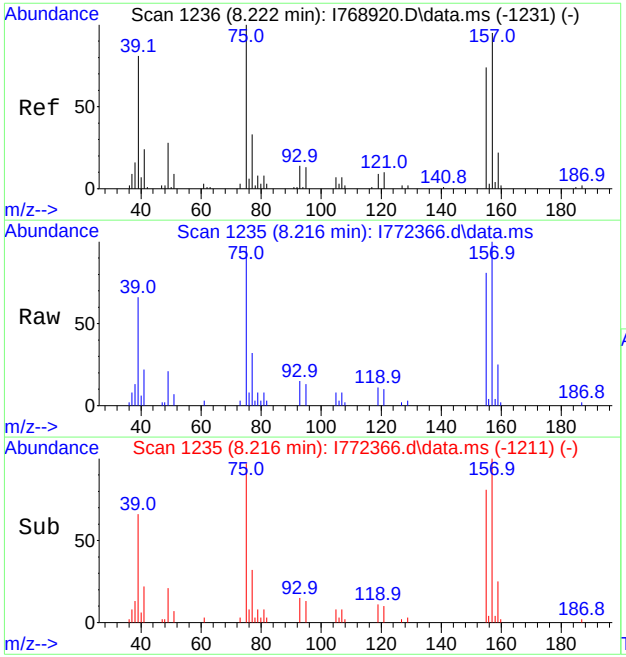


#107
1,2-Dichlorobenzene
Concen: 41.3136 ug/L
RT: 7.649 min Scan# 1142
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:146 Resp: 48467

Ion	Ratio	Lower	Upper
146	100		
111	39.8	11.2	71.2
148	62.2	34.6	94.6
75	27.4	0.0	58.4

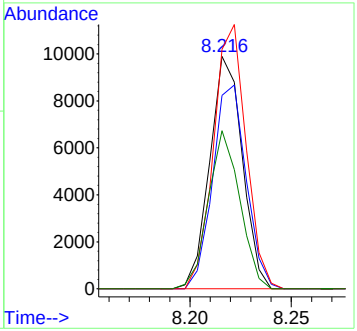


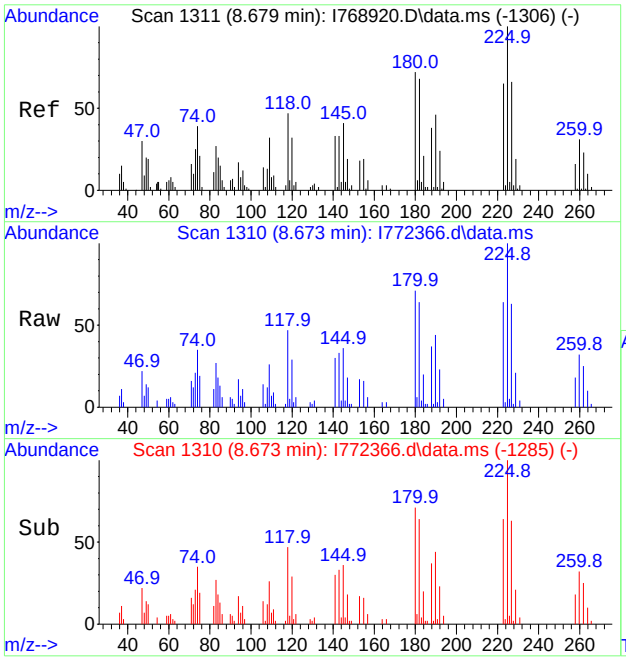


#108
1,2-Dibromo-3-Chloropropane
Concen: 37.4591 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.006 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion: 75 Resp: 11121

Ion	Ratio	Lower	Upper
75	100		
155	83.2	44.6	104.6
157	103.0	64.6	124.6
39	68.0	46.4	106.4

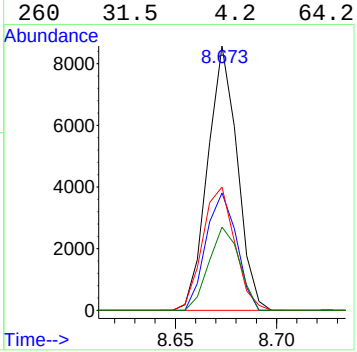


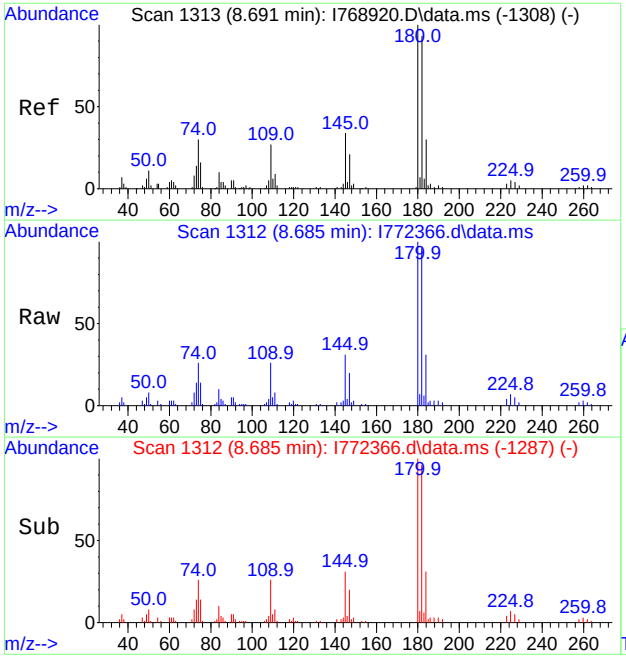


#109
Hexachlorobutadiene
Concen: 39.3497 ug/L
RT: 8.673 min Scan# 1310
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:225 Resp: 8739

Ion	Ratio	Lower	Upper
225	100		
190	44.5	14.4	74.4
118	46.7	3.8	63.8
260	31.5	4.2	64.2

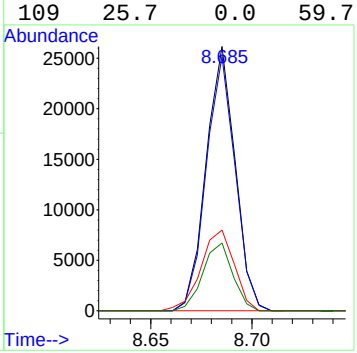


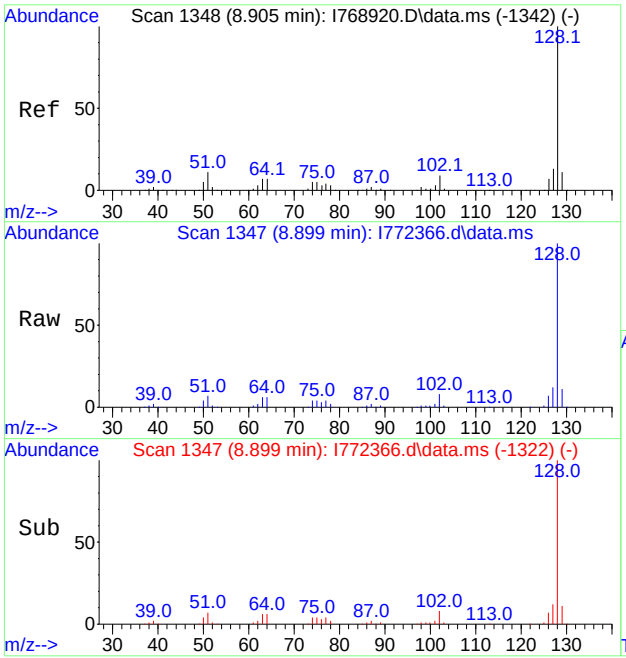


#110
1,2,4-Trichlorobenzene
Concen: 40.9158 ug/L
RT: 8.685 min Scan# 1312
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:180 Resp: 26187

Ion	Ratio	Lower	Upper
180	100		
182	96.2	68.0	128.0
145	30.5	4.1	64.1
109	25.7	0.0	59.7

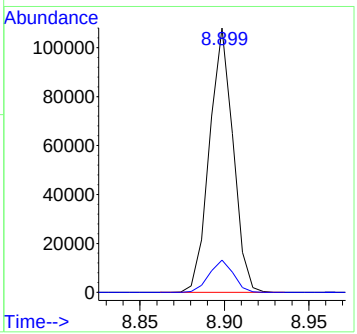


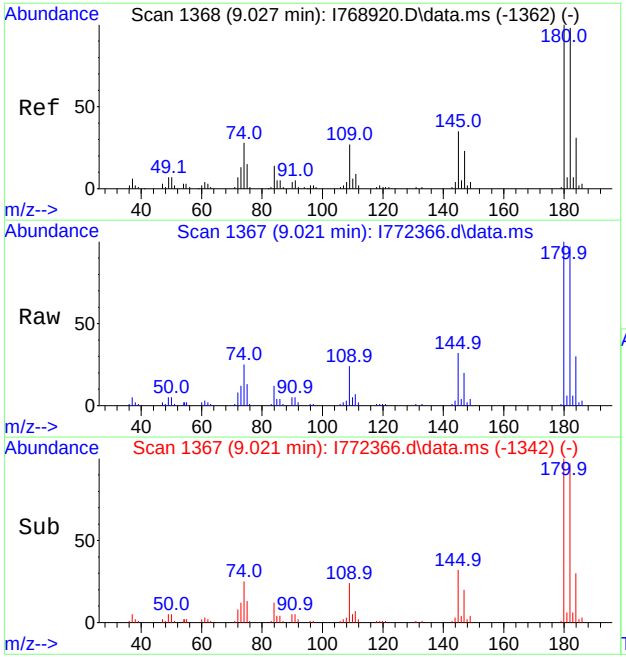


#111
Naphthalene
Concen: 41.1415 ug/L
RT: 8.899 min Scan# 1347
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:128 Resp: 105386

Ion	Ratio	Lower	Upper
128	100		
127	12.2	0.0	42.5

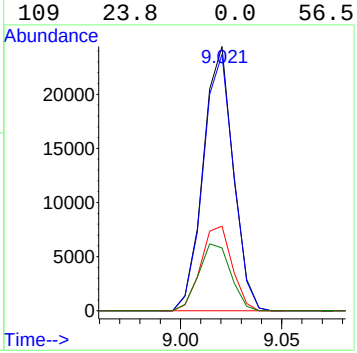




#112
1,2,3-Trichlorobenzene
Concen: 41.1608 ug/L
RT: 9.021 min Scan# 1367
Delta R.T. -0.000 min
Lab File: I772366.d
Acq: 17 Jun 2025 2:22 pm

Tgt Ion:180 Resp: 25279

Ion	Ratio	Lower	Upper
180	100		
182	97.0	64.2	124.2
145	32.0	3.1	63.1
109	23.8	0.0	56.5



7.6.11

7

SGS -ORLANDO **VOA-GCMS ANALYSIS LOG**

Instrument:	MSVOA-16I
Date:	05/18/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	0.0psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3572_05-18-2025.M
Calibration Date:	05/18/2025
Acq. Method:	VI_8260.M
EM Voltage:	1082V
Run ID:	**VI3572**

BFB:	VS4695
ICAL/CC:	VS4762, VS4764, VS4799
VS4801, VS4808, VS4809,VS4804	
ICV/BS:	VS4780, VS4811, VS4765
VS4806, VS4798, VS4805,	
ISTD/Surr.:	VS4695

pH Paper Lot#:	213724/226823
KI Paper Lot#:	14-1860 01/06/2025
AFA Lot#:	VS4585
Data processed by:	Jenifer W/ ClaireB
Sample ID Ver. by:	Jenifer W
Date Verified:	05/18/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I771501	BFB	-	-	Water	1	-	-	-	-	Autofind Tune Passed ✓
I771502	IC3572-1	-	-	Water	2	-	-	-	-	1uL→100mL with 273uL MeOH MP#4,11,104 PBL#24,76,77 ✓
I771503	IC3572-8	-	-	Water	3	-	-	-	-	2uL→100mL with 266uL MeOH MP#4,94,104,106 OP#40 PBL#24,76,77 ✓
I771504	IC3572-2	-	-	Water	4	-	-	-	-	5uL→100mL with 245uL MeOH MP#104 PBL#10,24,76,77 ✓
I771505	IC3572-3	-	-	Water	5	-	-	-	-	10uL→100mL with 210uL MeOH PBL#24,40,76,77 ✓
I771506	IC3572-4	-	-	Water	6	-	-	-	-	25uL→100mL with 105uL MeOH PBL#24,40,76,77 ✓
I771507	ICC3572-5	-	-	Water	7	-	-	-	-	40uL→100mL PBL#24,40,76,77 ✓
I771508	IC3572-6	-	-	Water	8	-	-	-	-	70uL→100mL PBL#24,40,76,77 ✓
I771509	IC3572-7	-	-	Water	9	-	-	-	-	100uL→100mL MP#10 PBL#24,40,76,77 ✓
I771510	rinse	-	-	Water	10	-	-	-	-	
I771511	ICV3572-5	-	-	Water	11	-	-	-	-	40uL→100mL PBL#24,40,76,77 ✓
I771512	BS	-	-	Water	12	-	-	-	-	25uL→100mL with 100uL MeOH PBL#24,40,76,77 ✓
I771513	rinse	-	-	Water	13	-	-	-	-	
I771514	rinse	-	-	Water	14	-	-	-	-	
I771515	MB	-	-	Water	15	-	-	-	-	AFA, ND✓
I771516	FC24773-5	1X	8	Water	16	MS59126	1	N	1X	✓; NO ECC
I771517	FC24773-2	1X	1	Water	17	MS59126	1	N	-	✓; NO ECC
I771518	FC24773-3	1X	1	Water	18	MS59126	1	N	-	✓; NO ECC
I771519	FC24773-4	1X	1	Water	19	MS59126	1	N	-	✓; NO ECC
I771520	FC24616-1	1X	1	Water	20	MS59126	1	N	-	✓; NO ECC
I771521	FC24616-2	1X	1	Water	21	MS59126	1	N	-	✓; NO ECC
I771522	FC24616-3	1X	1	Water	22	MS59126	1	N	-	✓; NO ECC
I771523	FC24616-4	1X	1	Water	23	MS59126	1	N	-	✓; NO ECC
I771524	FC24616-5	1X	2	Water	24	MS59126	1	N	-	✓; NO ECC
I771525	FC24616-6	1X	2	Water	25	MS59126	1	N	-	✓; NO ECC
I771526	FC24616-7	1X	5	Water	26	MS59126	1	N	-	✓; NO ECC
I771527	FC24616-8	1X	2	Water	27	MS59126	1	N	-	✓; NO ECC
I771528	FC24616-9	1X	2	Water	28	MS59126	1	N	-	✓; NO ECC
I771529	FC24616-10	1X	2	Water	29	MS59126	1	N	-	✓; NO ECC
I771530	FC24616-11	1X	2	Water	30	MS59126	1	N	-	✓; NO ECC
I771531	FC24616-12	1X	5	Water	31	MS59126	1	N	-	Did not run due to power outage
I771532	FC24616-13	1X	2	Water	32	MS59126	-	-	-	Did not run due to power outage
I771533	FC24558-1	1X	2	Water	33	MS59126	-	-	-	Did not run due to power outage
I771534	FC24558-3	1X	2	Water	34	MS59126	-	-	-	Did not run due to power outage
I771535	FC24558-4	1X	2	Water	35	MS59126	-	-	-	Did not run due to power outage
I771536	FC24773-5MS	1X	9	Water	36	MS59126	-	-	-	spike 10uL→40mL; did not run due to power outage
										0uL→40mL; did not run due to power outage
										100mL with 100uL MeOH; Did not run due to power outage

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

SGS -ORLANDO **VOA-GCMS ANALYSIS LOG**

Instrument:	MSVOA-16I
Date:	06/17/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3572_05182025
Calibration Date:	05/18/2025
Acq. Method:	VI_8260
EM Voltage:	1082V
Run ID:	**VI3607**

BFB:	VS4843
ICAL/CC:	VS4838, VS4874, VS4857
VS4858, VS4875, VS4840,VS4865,,	
ICV/BS:	VS4861, VS4876, VS4859
VS4877, VS4869, VS4868,	
ISTD/Surr.:	VS4843

pH Paper Lot#:	213724/226823
KI Paper Lot#:	14-860 01/06/2025
AFA Lot#:	VS4812
Data processed by:	PaulaA
Sample ID Ver. by:	Jenifer W
Date Verified:	06/17/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I772338	BFB	-	-	Water	1	-	-	-	-	Autofind Tune Passed ✓
I772339	CC3572-5	-	-	Water	2	-	-	-	-	40uL→100mL PBL#24,40,76,77✓
I772340	BS	-	-	Water	3	-	-	-	-	25uL→100mL with 100uL MeOH PBL#24,40,76,77✓
I772341	rinse	-	-	Water	4	-	-	-	-	
I772342	MB	-	-	Water	5	-	-	-	-	AFA, ND✓
I772343	CC3572-1	-	-	Water	6	-	-	-	-	1uL→100mL✓
I772344	FC25417-8	1X	1	Water	7	MS59358	1	N	-	✓
I772345	FC25417-11	1X	2	Water	8	MS59358	1	N	-	✓
I772346	FC25417-1	1X	1	Water	9	MS59358	1	N	-	✓
I772347	FC25417-2	1X	1	Water	10	MS59358	1	N	-	AFA, HDSP from filtering due to silt ✓
I772348	FC25417-3	1X	1	Water	11	MS59358	1	N	-	✓
I772349	FC25417-4	1X	1	Water	12	MS59358	1	N	-	✓
I772350	FC25417-5	1X	1	Water	13	MS59358	1	N	-	✓
I772351	FC25417-6	1X	1	Water	14	MS59358	1	N	-	✓
I772352	FC25417-7	1X	1	Water	15	MS59358	1	N	-	✓
I772353	FC25417-9	1X	1	Water	16	MS59358	1	N	-	✓
I772354	FC25417-10	1X	1	Water	17	MS59358	1	N	-	✓
I772355	FC25381-1	1X	1	Water	18	MS59358	6	N	5X	C12DCE OR
I772356	FC25381-3	1X	1	Water	19	MS59358	6	N	5X	C12DCE OR
I772357	FC25381-6	1X	1	Water	20	MS59358	6	N	-	✓
I772358	FC25381-7	2.5X	1	Water	21	MS59358	6	N	5X	20mL→50mL; C12DCE OR
I772359	FC25381-8	10X	1	Water	22	MS59358	6	N	-	5mL→50mL✓
I772360	FC25381-9	1X	1	Water	23	MS59358	6	N	5X	C12DCE OR
I772361	FC25381-10	1X	1	Water	24	MS59358	6	N	-	✓
I772362	FC25381-11	1X	1	Water	25	MS59358	6	N	5X	ACETONE OR
I772363	FC25381-12	1X	1	Water	26	MS59358	6	N	5X	C12DCE OR
I772364	FC25417-8MS	1X	2	Water	27	MS59358	1	N	-	spike 10uL→40mL PBL#10,24,40,76,77✓
I772365	FC25417-8MSD	1X	3	Water	28	MS59358	1	N	-	spike 10uLÒ40mL PBL#10,24,40,76,77ü
I772366	ECC3572-5	-	-	Water	29	-	-	-	-	40uL→100mL PBL#10,24,40,76,77✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

Appendix E-3
2025 Quarter 3 Laboratory Data Package

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The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Bhate Environmental

Griffiss AFB; Rome, NY

GRFIS-BECOS

SGS Job Number: FC28047



Sampling Dates: 09/23/25 - 09/24/25

Report to:

MOLIVE@bhate.com

ATTN: Distribution6

Total number of pages in report: **155**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Norm Farmer
Technical Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI. MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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Sample Summary

Bhate Environmental

Job No: FC28047

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC28047-1	09/23/25	11:30	NNAM	09/25/25	AQ	Ground Water	789MW-135_0925
FC28047-2	09/23/25	12:50	NNAM	09/25/25	AQ	Ground Water	789MW-46R_0925
FC28047-3	09/23/25	12:35	NNAM	09/25/25	AQ	Ground Water	789MW-83_0925
FC28047-4	09/24/25	09:30	NNAM	09/25/25	AQ	Ground Water	789MW-95_0925
FC28047-5	09/23/25	16:50	NNAM	09/25/25	AQ	Ground Water	789MW-99_0925
FC28047-6	09/23/25	16:55	NNAM	09/25/25	AQ	Ground Water	789MW-99_0925-A
FC28047-7	09/23/25	11:35	NNAM	09/25/25	AQ	Ground Water	789MW-216_0925
FC28047-8	09/23/25	08:50	NNAM	09/25/25	AQ	Ground Water	789MW-222_0925
FC28047-8D	09/23/25	09:00	NNAM	09/25/25	AQ	Water Dup/MSD	789MW-222_0925
FC28047-8S	09/23/25	08:55	NNAM	09/25/25	AQ	Water Matrix Spike	789MW-222_0925
FC28047-9	09/24/25	09:50	NNAM	09/25/25	AQ	Ground Water	789MW-251_0925
FC28047-10	09/23/25	10:05	NNAM	09/25/25	AQ	Ground Water	789SW-02_0925
FC28047-11	09/23/25	10:15	NNAM	09/25/25	AQ	Ground Water	789SW-03_0925

Sample Summary
(continued)

Bhate Environmental

Job No: FC28047

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC28047-12	09/23/25	10:27	NNAM	09/25/25	AQ	Ground Water	789SW-04_0925
FC28047-13	09/23/25	15:45	NNAM	09/25/25	AQ	Water	789-AB01_0925-D
FC28047-14	09/23/25	08:30	NNAM	09/25/25	AQ	Trip Blank Water	789-TB01_0925-C

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental **Job No:** FC28047

Site: Griffiss AFB; Rome, NY **Report Date** 10/2/2025 10:41:27

On 09/25/2025, 13 Sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc - Orlando. at a maximum corrected temperature of 1.6 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC28047 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V1O4417

Sample(s) FC28123-15MS, FC28123-15MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for Hexachlorobutadiene are outside control limits. Probable cause is due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Hexachlorobutadiene are outside control limits. Probable cause is due to matrix interference.

V1O4417-MB: Sample was treated with an anti-foaming agent.

FC28047-14 for Carbon Disulfide: Associated CCV outside DOD QSM control limits low.

FC28047-8 for Carbon Disulfide: Associated CCV outside DOD QSM control limits low.

Matrix: AQ **Batch ID:** V2A2341

Sample(s) FC28047-8MS, FC28047-8MSD were used as the QC samples indicated.

V2A2341-MB: Sample was treated with an anti-foaming agent.

FC28047-1 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-1 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-1 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-1 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-2 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-2 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-2 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-2 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-3 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-3 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-3 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-3 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-4 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-4 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-4 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-4 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-5 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-5 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-5 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-5 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-6 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-6 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-6 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-6 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-7 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-7: Sample was treated with an anti-foaming agent.

FC28047-8 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-8 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-8 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.

FC28047-8 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** V2A2341

FC28047-9 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-9 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-9 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-9 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-10 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-10 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-10 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-10 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-11 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-11 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-11 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-11 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-12 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-12 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-12 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-12 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-13 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-13 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-13 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-13 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-14 for 1,2-Dibromo-3-chloropropane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-14 for 1,2-Dichloroethane: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-14 for 2-Hexanone: Associated CCV outside of DOD QSM control limits high, sample is ND.
FC28047-14 for 4-Methyl-2-pentanone (MIBK): Associated CCV outside of DOD QSM control limits high, sample is ND.

Matrix: AQ **Batch ID:** V5E2326

Sample(s) FC28064-4MS, FC28064-4MSD were used as the QC samples indicated.
V5E2326-MB: Sample was treated with an anti-foaming agent.
FC28047-1 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-2 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-2: Sample was treated with an anti-foaming agent.
FC28047-3 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-4 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-5 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits.
FC28047-6 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits.
FC28047-7: Sample was treated with an anti-foaming agent.
FC28047-10 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-11 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-12 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.
FC28047-13 for 1,2-Dichloroethane-D4: Outside DOD QSM control limits, sample is ND.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Kim Benham, Report Generation (signature on file)

Summary of Hits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC28047-1	**789MW-135_0925**					
No hits reported in this sample.						
FC28047-2	**789MW-46R_0925**					
No hits reported in this sample.						
FC28047-3	**789MW-83_0925**					
No hits reported in this sample.						
FC28047-4	**789MW-95_0925**					
Acetone		10.3 J	25	20	ug/l	SW846 8260D
Benzene		1.9	1.0	0.50	ug/l	SW846 8260D
FC28047-5	**789MW-99_0925**					
Benzene		1.7	1.0	0.50	ug/l	SW846 8260D
sec-Butylbenzene		0.53 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		1.5	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.66 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		2.1 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		1.0	1.0	0.50	ug/l	SW846 8260D
Toluene		0.72 J	1.0	0.50	ug/l	SW846 8260D
FC28047-6	**789MW-99_0925-A**					
Benzene		1.9	1.0	0.50	ug/l	SW846 8260D
sec-Butylbenzene		0.73 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene		2.2	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene		0.93 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene		2.9 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene		1.5	1.0	0.50	ug/l	SW846 8260D
Toluene		0.88 J	1.0	0.50	ug/l	SW846 8260D
FC28047-7	**789MW-216_0925**					
No hits reported in this sample.						
FC28047-8	**789MW-222_0925**					
Naphthalene		2.2 J	5.0	2.0	ug/l	SW846 8260D

Summary of Hits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC28047-9	**789MW-251_0925**					
No hits reported in this sample.						
FC28047-10	**789SW-02_0925**					
No hits reported in this sample.						
FC28047-11	**789SW-03_0925**					
Benzene		0.70 J	1.0	0.50	ug/l	SW846 8260D
Methyl Tert Butyl Ether		0.26 J	1.0	0.50	ug/l	SW846 8260D
FC28047-12	**789SW-04_0925**					
Benzene		0.47 J	1.0	0.50	ug/l	SW846 8260D
FC28047-13	**789-AB01_0925-D**					
No hits reported in this sample.						
FC28047-14	**789-TB01_0925-C**					
No hits reported in this sample.						

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	789MW-135_0925		
Lab Sample ID:	FC28047-1	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68174.D	1	09/28/25 12:35	JW	n/a	n/a	V2A2341
Run #2	5E52479.D	1	09/30/25 16:33	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-135_0925
Lab Sample ID: FC28047-1
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	108%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_0925		
Lab Sample ID:	FC28047-1	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	123% [c]	79-125%
2037-26-5	Toluene-D8	101%	100%	85-112%
460-00-4	4-Bromofluorobenzene	96%	106%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0925		
Lab Sample ID:	FC28047-2	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68175.D	1	09/28/25 12:51	JW	n/a	n/a	V2A2341
Run #2 [a]	5E52480.D	1	09/30/25 16:56	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [b]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [c]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-46R_0925
Lab Sample ID: FC28047-2
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [b]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [c]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [b]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [c]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [b]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	109%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_0925		
Lab Sample ID:	FC28047-2	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	113%	119% [d]	79-125%
2037-26-5	Toluene-D8	104%	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	106%	83-118%

(a) Sample was treated with an anti-foaming agent.
(b) Result is from Run# 2
(c) Associated CCV outside of DOD QSM control limits high, sample is ND.
(d) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-83_0925
Lab Sample ID: FC28047-3
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68176.D	1	09/28/25 13:08	JW	n/a	n/a	V2A2341
Run #2	5E52481.D	1	09/30/25 17:18	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-83_0925
Lab Sample ID: FC28047-3
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	111%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_0925		
Lab Sample ID:	FC28047-3	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	124% [c]	79-125%
2037-26-5	Toluene-D8	104%	98%	85-112%
460-00-4	4-Bromofluorobenzene	97%	108%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0925		
Lab Sample ID:	FC28047-4	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68177.D	1	09/28/25 13:24	JW	n/a	n/a	V2A2341
Run #2	5E52482.D	1	09/30/25 17:41	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	10.3	25	20	10	ug/l	J
71-43-2	Benzene	1.9	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0925		
Lab Sample ID:	FC28047-4	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	109%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_0925		
Lab Sample ID:	FC28047-4	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	123% [c]	79-125%
2037-26-5	Toluene-D8	104%	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	105%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of DOD QSM control limits high, sample is ND.
(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_0925
Lab Sample ID: FC28047-5
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68178.D	1	09/28/25 13:41	JW	n/a	n/a	V2A2341
Run #2	5E52483.D	1	09/30/25 18:04	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	1.7	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.53	1.0	0.50	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_0925
Lab Sample ID: FC28047-5
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	1.5	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.66	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.1	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	1.0	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.72	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	107%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0925		
Lab Sample ID:	FC28047-5	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	122% [c]	79-125%
2037-26-5	Toluene-D8	104%	102%	85-112%
460-00-4	4-Bromofluorobenzene	96%	102%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

(c) Outside DOD QSM control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0925-A		
Lab Sample ID:	FC28047-6	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68179.D	1	09/28/25 13:57	JW	n/a	n/a	V2A2341
Run #2	5E52484.D	1	09/30/25 18:26	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	1.9	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.73	1.0	0.50	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_0925-A
Lab Sample ID: FC28047-6
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	2.2	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.93	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.9	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	1.5	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.88	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	109%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_0925-A		
Lab Sample ID:	FC28047-6	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	122% [c]	79-125%
2037-26-5	Toluene-D8	101%	99%	85-112%
460-00-4	4-Bromofluorobenzene	96%	107%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

(c) Outside DOD QSM control limits.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-216_0925
Lab Sample ID: FC28047-7
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	2A68180.D	1	09/28/25 14:14	JW	n/a	n/a	V2A2341
Run #2 [a]	5E52489.D	1	09/30/25 20:22	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [b]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [c]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0925		
Lab Sample ID:	FC28047-7	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [b]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [c]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [b]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [c]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [b]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	106%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_0925		
Lab Sample ID:	FC28047-7	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	115%	79-125%
2037-26-5	Toluene-D8	102%	97%	85-112%
460-00-4	4-Bromofluorobenzene	94%	107%	83-118%

(a) Sample was treated with an anti-foaming agent.
(b) Result is from Run# 2
(c) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-222_0925
Lab Sample ID: FC28047-8
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68171.D	1	09/28/25 11:45	JW	n/a	n/a	V2A2341
Run #2	1O95842.D	1	09/30/25 12:51	JW	n/a	n/a	V1O4417

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide [a]	1.0 U [b]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [c]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-222_0925
Lab Sample ID: FC28047-8
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [b]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [c]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [b]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [c]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.2	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [b]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	96%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_0925		
Lab Sample ID:	FC28047-8	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	91%	79-125%
2037-26-5	Toluene-D8	103%	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	98%	83-118%

(a) Associated CCV outside DOD QSM control limits low.
(b) Result is from Run# 2
(c) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0925		
Lab Sample ID:	FC28047-9	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68181.D	1	09/28/25 14:30	JW	n/a	n/a	V2A2341
Run #2	5E52490.D	1	09/30/25 20:45	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0925		
Lab Sample ID:	FC28047-9	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	107%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_0925		
Lab Sample ID:	FC28047-9	**Date Sampled:**	09/24/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	117%	79-125%
2037-26-5	Toluene-D8	103%	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	105%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789SW-02_0925
Lab Sample ID: FC28047-10
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68182.D	1	09/28/25 14:47	JW	n/a	n/a	V2A2341
Run #2	5E52491.D	1	09/30/25 21:07	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789SW-02_0925
Lab Sample ID: FC28047-10
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%	108%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-02_0925		
Lab Sample ID:	FC28047-10	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	116%	120% [c]	79-125%
2037-26-5	Toluene-D8	102%	98%	85-112%
460-00-4	4-Bromofluorobenzene	96%	104%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of DOD QSM control limits high, sample is ND.
(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789SW-03_0925
Lab Sample ID: FC28047-11
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68183.D	1	09/28/25 15:03	JW	n/a	n/a	V2A2341
Run #2	5E52492.D	1	09/30/25 21:30	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.70	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789SW-03_0925
Lab Sample ID: FC28047-11
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.26	1.0	0.50	0.23	ug/l	J
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	110%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-03_0925		
Lab Sample ID:	FC28047-11	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%	122% [c]	79-125%
2037-26-5	Toluene-D8	103%	97%	85-112%
460-00-4	4-Bromofluorobenzene	95%	103%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of DOD QSM control limits high, sample is ND.
(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789SW-04_0925
Lab Sample ID: FC28047-12
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68184.D	1	09/28/25 15:20	JW	n/a	n/a	V2A2341
Run #2	5E52493.D	1	09/30/25 21:52	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.47	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_0925		
Lab Sample ID:	FC28047-12	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%	109%	83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_0925		
Lab Sample ID:	FC28047-12	**Date Sampled:**	09/23/25
Matrix:	AQ - Ground Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	115%	121% [c]	79-125%
2037-26-5	Toluene-D8	103%	97%	85-112%
460-00-4	4-Bromofluorobenzene	96%	103%	83-118%

(a) Result is from Run# 2
(b) Associated CCV outside of DOD QSM control limits high, sample is ND.
(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789-AB01_0925-D
Lab Sample ID: FC28047-13
Matrix: AQ - Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68185.D	1	09/28/25 15:37	JW	n/a	n/a	V2A2341
Run #2	5E52494.D	1	09/30/25 22:15	DW	n/a	n/a	V5E2326

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U [a]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [b]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789-AB01_0925-D
Lab Sample ID: FC28047-13
Matrix: AQ - Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [a]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [b]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [a]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [b]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [a]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%	111%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_0925-D		
Lab Sample ID:	FC28047-13	**Date Sampled:**	09/23/25
Matrix:	AQ - Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	122% [c]	79-125%
2037-26-5	Toluene-D8	102%	100%	85-112%
460-00-4	4-Bromofluorobenzene	96%	103%	83-118%

(a) Result is from Run# 2

(b) Associated CCV outside of DOD QSM control limits high, sample is ND.

(c) Outside DOD QSM control limits, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value

LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789-TB01_0925-C
Lab Sample ID: FC28047-14
Matrix: AQ - Trip Blank Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2A68168.D	1	09/28/25 10:56	JW	n/a	n/a	V2A2341
Run #2	1O95843.D	1	09/30/25 13:07	JW	n/a	n/a	V1O4417

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide [a]	1.0 U [b]	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [c]	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane [c]	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789-TB01_0925-C
Lab Sample ID: FC28047-14
Matrix: AQ - Trip Blank Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 09/23/25
Date Received: 09/25/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U [b]	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone [c]	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U [b]	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIB [c]	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate	5.0 U [b]	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%	96%	83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_0925-C		
Lab Sample ID:	FC28047-14	**Date Sampled:**	09/23/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/25/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	114%	90%	79-125%
2037-26-5	Toluene-D8	104%	99%	85-112%
460-00-4	4-Bromofluorobenzene	97%	100%	83-118%

(a) Associated CCV outside DOD QSM control limits low.
(b) Result is from Run# 2
(c) Associated CCV outside of DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- QC Evaluation: DOD QSM5.x Limits

CHAIN-OF-CUSTODY RECORD

BEAB
Alex Torres
445 Union Boulevard, Suite 103 Lakewood, CO 80228
atorres@bhate.com

COC # SS067GW25Q3

FC28047

Project Name: Griffiss Air Force Base, BECOS	Laboratory: SGS North America, Inc., Orlando, FL	Event: 2025 Griffiss Petro Q3
Project Number: GRFIS-BECOS	POC: Jean Dent-Smith, 407-425-6700 x 14911, jean.dent-smith@sgs.com	
WBS Code:	Ship to: 4405 Vineland Road, Suite C-15, Orlando FL 32811	

Comments:
SW8260D (A) = VOCs SGS

Equipment:

Code	Matrix
WG	Ground Water
WQ	Water Quality Control Matrix

Code	Container/Preservative
31	3x 40 mL glass volatile vials, HCl to pH < 2, Cool to 0-6 °C, no headspace

Event: 2025 Griffiss Petro Q3

	Sample ID	Matrix	Date	Time	Samp Init.	Analytical Test Method: SW8260D (A)	Location ID	Sample Type	Depth (ft bgs) Top	Depth (ft bgs) Bottom	Cooler	Comments
						31						
1	789MW-135_0925 (1)	WG	9/23/25	1130	AM	X	WL-789MW-135	N1	23.00	33.00	1	
2	789MW-46R_0925 (2)	WG	9/23/25	1250	NN	X	WL-789MW-46R	N1	14.00	29.00	1	
3	789MW-83_0925 (3)	WG	9/23/25	1235	AM	X	WL-789MW-83	N1	21.00	31.00	1	
4	789MW-95_0925 (4)	WG	9/24/25	0930	AM	X	WL-789MW-95	N1	10.50	20.50	1	
5	789MW-98_0925	WG	—	—	—	X	WL-789MW-98	N1	10.00	20.00	1	Jet Fuel present
6	789MW-99_0925 (5)	WG	9/23/25	1650	NN	X	WL-789MW-99	N1	14.50	24.50	1	
7	789MW-99_0925-A (6)	WG	9/23/25	1655	NN	X	WL-789MW-99	FD1	14.50	24.50	1	
8	789MW-102_0925	WG	—	—	—	X	WL-789MW-102	N1	5	15	1	Jet fuel present
9	789MW-216_0925 (7)	WG	9/23/25	1135	NN	X	WL-789MW-216	N1	19.00	29.00	1	
10	789MW-222_0925 (8)	WG	9/23/25	0850	AM	X	WL-789MW-222	N1	18.00	28.00	1	
11	789MW-222_0925-MS (8)	WG	9/23/25	0855	AM	X	WL-789MW-222	MS1	18.00	28.00	1	
12	789MW-222_0925-SD (8)	WG	9/23/25	0900	AM	X	WL-789MW-222	SD1	18.00	28.00	1	
13	789MW-251_0925 (9)	WG	9/24/25	0950	AM	X	WL-789MW-251	N1	4.80	29.80	1	
14	789SW-02_0925 (10)	WG	9/23/25	1005	AM	X	789SW-02	N1	0.00	0.00	1	
15	789SW-03_0925 (11)	WG	9/23/25	1015	AM	X	789SW-03	N1	0.00	0.00	1	
16	789SW-04_0925 (12)	WG	9/23/25	1027	AM	X	789SW-04	N1	0.00	0.00	1	
17	789-AB01_0925-D (13)	WQ	9/23/25	1545	AM	X	FIELDQC	AB1	0.00	0.00	1	
18	789-TB01_0925-C (14)	WQ	9/23/25	0830	GW	X	FIELDQC	TB1	0.00	0.00	1	

Turnaround Time: 21 days

INITIAL ASSESSMENT
LABEL VERIFICATION
1.6 IR#1

Relinquished by: *(Signature)*
Date 9/24/25
Time 1102
Received by: *(Signature)*

Date
Time
Shipping Date: 9/25/25 0930
Received by Laboratory: *(Signature, Date, Time)* & conditio

GRFIS_COC_2025 Griffiss Petro 3Q

FC28047: Chain of Custody
Page 1 of 2

SGS - Orlando Sample Receipt Summary

Job Number: fc28047 **Client:** BEAB **Project:** GRIFFISS AIR FORCE BASE BECOS

Date / Time Received: 9/25/2025 9:30:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 461950118408

Cooler Temps (Raw Measured) °C: Cooler 1: (1.6);

Cooler Temps (Corrected) °C: Cooler 1: (1.6);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐

	W	or	S	N/A
3. Type of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☑		☐	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: _____ pH 10-12: _____

Residual Chlorine Test Strip Lot _____

Number of Lab Filtered Metals

Other: (Specify) _____ _____

Comments

Sample Receipt Summary 112723 EK Technician: HALEIGHR Date: 9/25/2025 1:07:48 PM Reviewer: _____ Date: _____

FC28047: Chain of Custody

Page 2 of 2

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V1O4417	SW846 8260D						
V1O4417-BS	75-15-0	Carbon Disulfide	BSP	REC	66	%	64-133
V1O4417-BS	87-68-3	Hexachlorobutadiene	BSP	REC	92	%	66-134
V1O4417-BS	75-09-2	Methylene Chloride	BSP	REC	90	%	74-124
V1O4417-BS	108-05-4	Vinyl Acetate	BSP	REC	82	%	54-146
V1O4417-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	95	%	80-119
V1O4417-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	93	%	81-118
V1O4417-BS	2037-26-5	Toluene-D8	BSP	SURR	100	%	89-112
V1O4417-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	99	%	85-114
FC28123-15MS*	75-15-0	Carbon Disulfide	MS	REC	70	%	64-133
FC28123-15MS*	87-68-3	Hexachlorobutadiene	MS	REC	69	%	66-134
FC28123-15MS*	75-09-2	Methylene Chloride	MS	REC	96	%	74-124
FC28123-15MS*	108-05-4	Vinyl Acetate	MS	REC	90	%	54-146
FC28123-15MS*	1868-53-7	Dibromofluoromethane	MS	SURR	104	%	80-119
FC28123-15MS*	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	102	%	81-118
FC28123-15MS*	2037-26-5	Toluene-D8	MS	SURR	97	%	89-112
FC28123-15MS*	460-00-4	4-Bromofluorobenzene	MS	SURR	99	%	85-114
FC28123-15MSD*	75-15-0	Carbon Disulfide	MSD	REC	74	%	64-133
FC28123-15MSD*	75-15-0	Carbon Disulfide	MSD	RPD	6	%	20
FC28123-15MSD*	87-68-3	Hexachlorobutadiene	MSD	REC	73	%	66-134
FC28123-15MSD*	87-68-3	Hexachlorobutadiene	MSD	RPD	6	%	20
FC28123-15MSD*	75-09-2	Methylene Chloride	MSD	REC	90	%	74-124
FC28123-15MSD*	75-09-2	Methylene Chloride	MSD	RPD	6	%	20
FC28123-15MSD*	108-05-4	Vinyl Acetate	MSD	REC	81	%	54-146
FC28123-15MSD*	108-05-4	Vinyl Acetate	MSD	RPD	10	%	20
FC28123-15MSD*	1868-53-7	Dibromofluoromethane	MSD	SURR	102	%	80-119
FC28123-15MSD*	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	95	%	81-118
FC28123-15MSD*	2037-26-5	Toluene-D8	MSD	SURR	93	%	89-112
FC28123-15MSD*	460-00-4	4-Bromofluorobenzene	MSD	SURR	96	%	85-114
V1O4417-MB	1868-53-7	Dibromofluoromethane	MB	SURR	95	%	80-119
V1O4417-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	89	%	81-118
V1O4417-MB	2037-26-5	Toluene-D8	MB	SURR	97	%	89-112
V1O4417-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	97	%	85-114
FC28047-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	96	%	80-119
FC28047-8	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	91	%	81-118
FC28047-8	2037-26-5	Toluene-D8	SAMP	SURR	97	%	89-112
FC28047-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	98	%	85-114
FC28047-14	1868-53-7	Dibromofluoromethane	SAMP	SURR	96	%	80-119
FC28047-14	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	90	%	81-118
FC28047-14	2037-26-5	Toluene-D8	SAMP	SURR	99	%	89-112
FC28047-14	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2A2341	SW846 8260D						
V2A2341-BS	67-64-1	Acetone	BSP	REC	114	%	39-160
V2A2341-BS	71-43-2	Benzene	BSP	REC	99	%	79-120
V2A2341-BS	108-86-1	Bromobenzene	BSP	REC	92	%	80-120
V2A2341-BS	74-97-5	Bromochloromethane	BSP	REC	98	%	78-123
V2A2341-BS	75-27-4	Bromodichloromethane	BSP	REC	103	%	79-125
V2A2341-BS	75-25-2	Bromoform	BSP	REC	104	%	66-130
V2A2341-BS	78-93-3	2-Butanone (MEK)	BSP	REC	109	%	56-143
V2A2341-BS	104-51-8	n-Butylbenzene	BSP	REC	110	%	75-128
V2A2341-BS	135-98-8	sec-Butylbenzene	BSP	REC	100	%	77-126
V2A2341-BS	98-06-6	tert-Butylbenzene	BSP	REC	107	%	78-124
V2A2341-BS	56-23-5	Carbon Tetrachloride	BSP	REC	106	%	72-136
V2A2341-BS	108-90-7	Chlorobenzene	BSP	REC	96	%	82-118
V2A2341-BS	75-00-3	Chloroethane	BSP	REC	92	%	60-138
V2A2341-BS	67-66-3	Chloroform	BSP	REC	97	%	79-124
V2A2341-BS	95-49-8	o-Chlorotoluene	BSP	REC	103	%	79-122
V2A2341-BS	106-43-4	p-Chlorotoluene	BSP	REC	102	%	78-122
V2A2341-BS	124-48-1	Dibromochloromethane	BSP	REC	110	%	74-126
V2A2341-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	112	%	62-128
V2A2341-BS	106-93-4	1,2-Dibromoethane	BSP	REC	100	%	77-121
V2A2341-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	105	%	32-152
V2A2341-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	94	%	80-119
V2A2341-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	94	%	80-119
V2A2341-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	92	%	79-118
V2A2341-BS	75-34-3	1,1-Dichloroethane	BSP	REC	106	%	77-125
V2A2341-BS	107-06-2	1,2-Dichloroethane	BSP	REC	112	%	73-128
V2A2341-BS	75-35-4	1,1-Dichloroethylene	BSP	REC	114	%	71-131
V2A2341-BS	156-59-2	cis-1,2-Dichloroethylene	BSP	REC	96	%	78-123
V2A2341-BS	156-60-5	trans-1,2-Dichloroethylene	BSP	REC	113	%	75-124
V2A2341-BS	540-59-0	1,2-Dichloroethene (total)	BSP	REC	104	%	79-121
V2A2341-BS	78-87-5	1,2-Dichloropropane	BSP	REC	107	%	78-122
V2A2341-BS	142-28-9	1,3-Dichloropropane	BSP	REC	103	%	80-119
V2A2341-BS	594-20-7	2,2-Dichloropropane	BSP	REC	101	%	60-139
V2A2341-BS	563-58-6	1,1-Dichloropropene	BSP	REC	117	%	79-125
V2A2341-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	102	%	75-124
V2A2341-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	107	%	73-127
V2A2341-BS	100-41-4	Ethylbenzene	BSP	REC	101	%	79-121
V2A2341-BS	591-78-6	2-Hexanone	BSP	REC	122	%	57-139
V2A2341-BS	98-82-8	Isopropylbenzene	BSP	REC	98	%	72-131
V2A2341-BS	99-87-6	p-Isopropyltoluene	BSP	REC	99	%	77-127
V2A2341-BS	74-83-9	Methyl Bromide	BSP	REC	97	%	53-141
V2A2341-BS	74-87-3	Methyl Chloride	BSP	REC	101	%	50-139
V2A2341-BS	74-95-3	Methylene Bromide	BSP	REC	101	%	79-123

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
V2A2341-BS	108-10-1	4-Methyl-2-pentanone (MIBK)	BSP	REC	118	%	67-130
V2A2341-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	106	%	71-124
V2A2341-BS	91-20-3	Naphthalene	BSP	REC	97	%	61-128
V2A2341-BS	103-65-1	n-Propylbenzene	BSP	REC	104	%	76-126
V2A2341-BS	100-42-5	Styrene	BSP	REC	98	%	78-123
V2A2341-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	102	%	78-124
V2A2341-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	106	%	71-121
V2A2341-BS	127-18-4	Tetrachloroethylene	BSP	REC	94	%	74-129
V2A2341-BS	108-88-3	Toluene	BSP	REC	96	%	80-121
V2A2341-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	91	%	69-129
V2A2341-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	91	%	69-130
V2A2341-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	104	%	74-131
V2A2341-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	108	%	80-119
V2A2341-BS	79-01-6	Trichloroethylene	BSP	REC	98	%	79-123
V2A2341-BS	75-69-4	Trichlorofluoromethane	BSP	REC	95	%	65-141
V2A2341-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	100	%	73-122
V2A2341-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	102	%	76-124
V2A2341-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	99	%	75-124
V2A2341-BS	75-01-4	Vinyl Chloride	BSP	REC	111	%	58-137
V2A2341-BS		m,p-Xylene	BSP	REC	100	%	80-121
V2A2341-BS	95-47-6	o-Xylene	BSP	REC	98	%	78-122
V2A2341-BS	1330-20-7	Xylene (total)	BSP	REC	99	%	79-121
V2A2341-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	100	%	80-119
V2A2341-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	118	%	81-118
V2A2341-BS	2037-26-5	Toluene-D8	BSP	SURR	102	%	89-112
V2A2341-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	96	%	85-114
FC28047-8MS	67-64-1	Acetone	MS	REC	107	%	39-160
FC28047-8MS	71-43-2	Benzene	MS	REC	96	%	79-120
FC28047-8MS	108-86-1	Bromobenzene	MS	REC	96	%	80-120
FC28047-8MS	74-97-5	Bromochloromethane	MS	REC	98	%	78-123
FC28047-8MS	75-27-4	Bromodichloromethane	MS	REC	102	%	79-125
FC28047-8MS	75-25-2	Bromoform	MS	REC	94	%	66-130
FC28047-8MS	78-93-3	2-Butanone (MEK)	MS	REC	106	%	56-143
FC28047-8MS	104-51-8	n-Butylbenzene	MS	REC	113	%	75-128
FC28047-8MS	135-98-8	sec-Butylbenzene	MS	REC	103	%	77-126
FC28047-8MS	98-06-6	tert-Butylbenzene	MS	REC	111	%	78-124
FC28047-8MS	56-23-5	Carbon Tetrachloride	MS	REC	103	%	72-136
FC28047-8MS	108-90-7	Chlorobenzene	MS	REC	98	%	82-118
FC28047-8MS	75-00-3	Chloroethane	MS	REC	90	%	60-138
FC28047-8MS	67-66-3	Chloroform	MS	REC	99	%	79-124
FC28047-8MS	95-49-8	o-Chlorotoluene	MS	REC	106	%	79-122
FC28047-8MS	106-43-4	p-Chlorotoluene	MS	REC	106	%	78-122
FC28047-8MS	124-48-1	Dibromochloromethane	MS	REC	105	%	74-126
FC28047-8MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	108	%	62-128
FC28047-8MS	106-93-4	1,2-Dibromoethane	MS	REC	97	%	77-121

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-8MS	75-71-8	Dichlorodifluoromethane	MS	REC	105	%	32-152
FC28047-8MS	95-50-1	1,2-Dichlorobenzene	MS	REC	98	%	80-119
FC28047-8MS	541-73-1	1,3-Dichlorobenzene	MS	REC	96	%	80-119
FC28047-8MS	106-46-7	1,4-Dichlorobenzene	MS	REC	98	%	79-118
FC28047-8MS	75-34-3	1,1-Dichloroethane	MS	REC	104	%	77-125
FC28047-8MS	107-06-2	1,2-Dichloroethane	MS	REC	116	%	73-128
FC28047-8MS	75-35-4	1,1-Dichloroethylene	MS	REC	112	%	71-131
FC28047-8MS	156-59-2	cis-1,2-Dichloroethylene	MS	REC	96	%	78-123
FC28047-8MS	156-60-5	trans-1,2-Dichloroethylene	MS	REC	108	%	75-124
FC28047-8MS	540-59-0	1,2-Dichloroethene (total)	MS	REC	102	%	79-121
FC28047-8MS	78-87-5	1,2-Dichloropropane	MS	REC	108	%	78-122
FC28047-8MS	142-28-9	1,3-Dichloropropane	MS	REC	102	%	80-119
FC28047-8MS	594-20-7	2,2-Dichloropropane	MS	REC	93	%	60-139
FC28047-8MS	563-58-6	1,1-Dichloropropene	MS	REC	114	%	79-125
FC28047-8MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	96	%	75-124
FC28047-8MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	99	%	73-127
FC28047-8MS	100-41-4	Ethylbenzene	MS	REC	98	%	79-121
FC28047-8MS	591-78-6	2-Hexanone	MS	REC	121	%	57-139
FC28047-8MS	98-82-8	Isopropylbenzene	MS	REC	100	%	72-131
FC28047-8MS	99-87-6	p-Isopropyltoluene	MS	REC	103	%	77-127
FC28047-8MS	74-83-9	Methyl Bromide	MS	REC	94	%	53-141
FC28047-8MS	74-87-3	Methyl Chloride	MS	REC	98	%	50-139
FC28047-8MS	74-95-3	Methylene Bromide	MS	REC	103	%	79-123
FC28047-8MS	108-10-1	4-Methyl-2-pentanone (MIBK)	MS	REC	114	%	67-130
FC28047-8MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	106	%	71-124
FC28047-8MS	91-20-3	Naphthalene	MS	REC	84	%	61-128
FC28047-8MS	103-65-1	n-Propylbenzene	MS	REC	106	%	76-126
FC28047-8MS	100-42-5	Styrene	MS	REC	98	%	78-123
FC28047-8MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	97	%	78-124
FC28047-8MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	104	%	71-121
FC28047-8MS	127-18-4	Tetrachloroethylene	MS	REC	91	%	74-129
FC28047-8MS	108-88-3	Toluene	MS	REC	94	%	80-121
FC28047-8MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	91	%	69-129
FC28047-8MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	86	%	69-130
FC28047-8MS	71-55-6	1,1,1-Trichloroethane	MS	REC	100	%	74-131
FC28047-8MS	79-00-5	1,1,2-Trichloroethane	MS	REC	106	%	80-119
FC28047-8MS	79-01-6	Trichloroethylene	MS	REC	95	%	79-123
FC28047-8MS	75-69-4	Trichlorofluoromethane	MS	REC	97	%	65-141
FC28047-8MS	96-18-4	1,2,3-Trichloropropane	MS	REC	99	%	73-122
FC28047-8MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	106	%	76-124
FC28047-8MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	101	%	75-124
FC28047-8MS	75-01-4	Vinyl Chloride	MS	REC	111	%	58-137
FC28047-8MS		m,p-Xylene	MS	REC	99	%	80-121
FC28047-8MS	95-47-6	o-Xylene	MS	REC	98	%	78-122
FC28047-8MS	1330-20-7	Xylene (total)	MS	REC	99	%	79-121

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-8MS	1868-53-7	Dibromofluoromethane	MS	SURR	102	%	80-119
FC28047-8MS	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	119	%	81-118
FC28047-8MS	2037-26-5	Toluene-D8	MS	SURR	101	%	89-112
FC28047-8MS	460-00-4	4-Bromofluorobenzene	MS	SURR	99	%	85-114
FC28047-8MSD	67-64-1	Acetone	MSD	REC	102	%	39-160
FC28047-8MSD	67-64-1	Acetone	MSD	RPD	5	%	20
FC28047-8MSD	71-43-2	Benzene	MSD	REC	99	%	79-120
FC28047-8MSD	71-43-2	Benzene	MSD	RPD	2	%	20
FC28047-8MSD	108-86-1	Bromobenzene	MSD	REC	94	%	80-120
FC28047-8MSD	108-86-1	Bromobenzene	MSD	RPD	2	%	20
FC28047-8MSD	74-97-5	Bromochloromethane	MSD	REC	102	%	78-123
FC28047-8MSD	74-97-5	Bromochloromethane	MSD	RPD	3	%	20
FC28047-8MSD	75-27-4	Bromodichloromethane	MSD	REC	102	%	79-125
FC28047-8MSD	75-27-4	Bromodichloromethane	MSD	RPD	1	%	20
FC28047-8MSD	75-25-2	Bromoform	MSD	REC	94	%	66-130
FC28047-8MSD	75-25-2	Bromoform	MSD	RPD	1	%	20
FC28047-8MSD	78-93-3	2-Butanone (MEK)	MSD	REC	99	%	56-143
FC28047-8MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	7	%	20
FC28047-8MSD	104-51-8	n-Butylbenzene	MSD	REC	111	%	75-128
FC28047-8MSD	104-51-8	n-Butylbenzene	MSD	RPD	2	%	20
FC28047-8MSD	135-98-8	sec-Butylbenzene	MSD	REC	103	%	77-126
FC28047-8MSD	135-98-8	sec-Butylbenzene	MSD	RPD	0	%	20
FC28047-8MSD	98-06-6	tert-Butylbenzene	MSD	REC	110	%	78-124
FC28047-8MSD	98-06-6	tert-Butylbenzene	MSD	RPD	1	%	20
FC28047-8MSD	56-23-5	Carbon Tetrachloride	MSD	REC	105	%	72-136
FC28047-8MSD	56-23-5	Carbon Tetrachloride	MSD	RPD	2	%	20
FC28047-8MSD	108-90-7	Chlorobenzene	MSD	REC	99	%	82-118
FC28047-8MSD	108-90-7	Chlorobenzene	MSD	RPD	1	%	20
FC28047-8MSD	75-00-3	Chloroethane	MSD	REC	86	%	60-138
FC28047-8MSD	75-00-3	Chloroethane	MSD	RPD	4	%	20
FC28047-8MSD	67-66-3	Chloroform	MSD	REC	100	%	79-124
FC28047-8MSD	67-66-3	Chloroform	MSD	RPD	0	%	20
FC28047-8MSD	95-49-8	o-Chlorotoluene	MSD	REC	106	%	79-122
FC28047-8MSD	95-49-8	o-Chlorotoluene	MSD	RPD	0	%	20
FC28047-8MSD	106-43-4	p-Chlorotoluene	MSD	REC	107	%	78-122
FC28047-8MSD	106-43-4	p-Chlorotoluene	MSD	RPD	0	%	20
FC28047-8MSD	124-48-1	Dibromochloromethane	MSD	REC	106	%	74-126
FC28047-8MSD	124-48-1	Dibromochloromethane	MSD	RPD	0	%	20
FC28047-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	104	%	62-128
FC28047-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	4	%	20
FC28047-8MSD	106-93-4	1,2-Dibromoethane	MSD	REC	96	%	77-121
FC28047-8MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	1	%	20
FC28047-8MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	98	%	32-152
FC28047-8MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	7	%	20
FC28047-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	96	%	80-119

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	2	%	20
FC28047-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	96	%	80-119
FC28047-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	0	%	20
FC28047-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	97	%	79-118
FC28047-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	0	%	20
FC28047-8MSD	75-34-3	1,1-Dichloroethane	MSD	REC	107	%	77-125
FC28047-8MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	3	%	20
FC28047-8MSD	107-06-2	1,2-Dichloroethane	MSD	REC	113	%	73-128
FC28047-8MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	2	%	20
FC28047-8MSD	75-35-4	1,1-Dichloroethylene	MSD	REC	113	%	71-131
FC28047-8MSD	75-35-4	1,1-Dichloroethylene	MSD	RPD	1	%	20
FC28047-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	REC	95	%	78-123
FC28047-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	RPD	1	%	20
FC28047-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	REC	110	%	75-124
FC28047-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	RPD	1	%	20
FC28047-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	REC	102	%	79-121
FC28047-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	RPD	1	%	20
FC28047-8MSD	78-87-5	1,2-Dichloropropane	MSD	REC	109	%	78-122
FC28047-8MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	1	%	20
FC28047-8MSD	142-28-9	1,3-Dichloropropane	MSD	REC	103	%	80-119
FC28047-8MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	2	%	20
FC28047-8MSD	594-20-7	2,2-Dichloropropane	MSD	REC	94	%	60-139
FC28047-8MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	1	%	20
FC28047-8MSD	563-58-6	1,1-Dichloropropene	MSD	REC	116	%	79-125
FC28047-8MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	2	%	20
FC28047-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	97	%	75-124
FC28047-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	1	%	20
FC28047-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	101	%	73-127
FC28047-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	2	%	20
FC28047-8MSD	100-41-4	Ethylbenzene	MSD	REC	102	%	79-121
FC28047-8MSD	100-41-4	Ethylbenzene	MSD	RPD	5	%	20
FC28047-8MSD	591-78-6	2-Hexanone	MSD	REC	115	%	57-139
FC28047-8MSD	591-78-6	2-Hexanone	MSD	RPD	5	%	20
FC28047-8MSD	98-82-8	Isopropylbenzene	MSD	REC	102	%	72-131
FC28047-8MSD	98-82-8	Isopropylbenzene	MSD	RPD	2	%	20
FC28047-8MSD	99-87-6	p-Isopropyltoluene	MSD	REC	102	%	77-127
FC28047-8MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	1	%	20
FC28047-8MSD	74-83-9	Methyl Bromide	MSD	REC	94	%	53-141
FC28047-8MSD	74-83-9	Methyl Bromide	MSD	RPD	0	%	20
FC28047-8MSD	74-87-3	Methyl Chloride	MSD	REC	98	%	50-139
FC28047-8MSD	74-87-3	Methyl Chloride	MSD	RPD	0	%	20
FC28047-8MSD	74-95-3	Methylene Bromide	MSD	REC	100	%	79-123
FC28047-8MSD	74-95-3	Methylene Bromide	MSD	RPD	3	%	20
FC28047-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	REC	108	%	67-130
FC28047-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	RPD	6	%	20

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	105	%	71-124
FC28047-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	0	%	20
FC28047-8MSD	91-20-3	Naphthalene	MSD	REC	86	%	61-128
FC28047-8MSD	91-20-3	Naphthalene	MSD	RPD	2	%	20
FC28047-8MSD	103-65-1	n-Propylbenzene	MSD	REC	108	%	76-126
FC28047-8MSD	103-65-1	n-Propylbenzene	MSD	RPD	1	%	20
FC28047-8MSD	100-42-5	Styrene	MSD	REC	99	%	78-123
FC28047-8MSD	100-42-5	Styrene	MSD	RPD	1	%	20
FC28047-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	99	%	78-124
FC28047-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	2	%	20
FC28047-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	103	%	71-121
FC28047-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	1	%	20
FC28047-8MSD	127-18-4	Tetrachloroethylene	MSD	REC	91	%	74-129
FC28047-8MSD	127-18-4	Tetrachloroethylene	MSD	RPD	0	%	20
FC28047-8MSD	108-88-3	Toluene	MSD	REC	97	%	80-121
FC28047-8MSD	108-88-3	Toluene	MSD	RPD	4	%	20
FC28047-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	91	%	69-129
FC28047-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	0	%	20
FC28047-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	90	%	69-130
FC28047-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	5	%	20
FC28047-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	104	%	74-131
FC28047-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	4	%	20
FC28047-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	105	%	80-119
FC28047-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	2	%	20
FC28047-8MSD	79-01-6	Trichloroethylene	MSD	REC	95	%	79-123
FC28047-8MSD	79-01-6	Trichloroethylene	MSD	RPD	0	%	20
FC28047-8MSD	75-69-4	Trichlorofluoromethane	MSD	REC	92	%	65-141
FC28047-8MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	6	%	20
FC28047-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	97	%	73-122
FC28047-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	2	%	20
FC28047-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	105	%	76-124
FC28047-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	1	%	20
FC28047-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	102	%	75-124
FC28047-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	1	%	20
FC28047-8MSD	75-01-4	Vinyl Chloride	MSD	REC	111	%	58-137
FC28047-8MSD	75-01-4	Vinyl Chloride	MSD	RPD	0	%	20
FC28047-8MSD		m,p-Xylene	MSD	REC	101	%	80-121
FC28047-8MSD		m,p-Xylene	MSD	RPD	2	%	20
FC28047-8MSD	95-47-6	o-Xylene	MSD	REC	100	%	78-122
FC28047-8MSD	95-47-6	o-Xylene	MSD	RPD	2	%	20
FC28047-8MSD	1330-20-7	Xylene (total)	MSD	REC	101	%	79-121
FC28047-8MSD	1330-20-7	Xylene (total)	MSD	RPD	2	%	20
FC28047-8MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	100	%	80-119
FC28047-8MSD	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	118	%	81-118
FC28047-8MSD	2037-26-5	Toluene-D8	MSD	SURR	102	%	89-112

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-8MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	96	%	85-114
V2A2341-MB	1868-53-7	Dibromofluoromethane	MB	SURR	101	%	80-119
V2A2341-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	113	%	81-118
V2A2341-MB	2037-26-5	Toluene-D8	MB	SURR	102	%	89-112
V2A2341-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	92	%	85-114
FC28047-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-1	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	116	%	81-118
FC28047-1	2037-26-5	Toluene-D8	SAMP	SURR	101	%	89-112
FC28047-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-2	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	113	%	81-118
FC28047-2	2037-26-5	Toluene-D8	SAMP	SURR	104	%	89-112
FC28047-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC28047-3	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-3	2037-26-5	Toluene-D8	SAMP	SURR	104	%	89-112
FC28047-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	85-114
FC28047-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-4	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-4	2037-26-5	Toluene-D8	SAMP	SURR	104	%	89-112
FC28047-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-5	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-5	2037-26-5	Toluene-D8	SAMP	SURR	104	%	89-112
FC28047-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-6	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	116	%	81-118
FC28047-6	2037-26-5	Toluene-D8	SAMP	SURR	101	%	89-112
FC28047-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-7	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-7	2037-26-5	Toluene-D8	SAMP	SURR	102	%	89-112
FC28047-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	94	%	85-114
FC28047-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC28047-8	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	116	%	81-118
FC28047-8	2037-26-5	Toluene-D8	SAMP	SURR	103	%	89-112
FC28047-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	85-114
FC28047-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-9	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	116	%	81-118
FC28047-9	2037-26-5	Toluene-D8	SAMP	SURR	103	%	89-112
FC28047-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	85-114
FC28047-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC28047-10	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	116	%	81-118
FC28047-10	2037-26-5	Toluene-D8	SAMP	SURR	102	%	89-112
FC28047-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC28047-11	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	115	%	81-118
FC28047-11	2037-26-5	Toluene-D8	SAMP	SURR	103	%	89-112
FC28047-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	95	%	85-114
FC28047-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC28047-12	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	115	%	81-118
FC28047-12	2037-26-5	Toluene-D8	SAMP	SURR	103	%	89-112
FC28047-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	99	%	80-119
FC28047-13	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-13	2037-26-5	Toluene-D8	SAMP	SURR	102	%	89-112
FC28047-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	96	%	85-114
FC28047-14	1868-53-7	Dibromofluoromethane	SAMP	SURR	100	%	80-119
FC28047-14	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	114	%	81-118
FC28047-14	2037-26-5	Toluene-D8	SAMP	SURR	104	%	89-112
FC28047-14	460-00-4	4-Bromofluorobenzene	SAMP	SURR	97	%	85-114
V5E2326	SW846 8260D						
V5E2326-BS	75-15-0	Carbon Disulfide	BSP	REC	99	%	64-133
V5E2326-BS	87-68-3	Hexachlorobutadiene	BSP	REC	129	%	66-134
V5E2326-BS	75-09-2	Methylene Chloride	BSP	REC	88	%	74-124
V5E2326-BS	108-05-4	Vinyl Acetate	BSP	REC	98	%	54-146
V5E2326-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	104	%	80-119
V5E2326-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	113	%	81-118
V5E2326-BS	2037-26-5	Toluene-D8	BSP	SURR	100	%	89-112
V5E2326-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	101	%	85-114
FC28064-4MS*	75-15-0	Carbon Disulfide	MS	REC	88	%	64-133
FC28064-4MS*	87-68-3	Hexachlorobutadiene	MS	REC	98	%	66-134
FC28064-4MS*	75-09-2	Methylene Chloride	MS	REC	83	%	74-124
FC28064-4MS*	108-05-4	Vinyl Acetate	MS	REC	94	%	54-146
FC28064-4MS*	1868-53-7	Dibromofluoromethane	MS	SURR	105	%	80-119
FC28064-4MS*	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	124	%	81-118
FC28064-4MS*	2037-26-5	Toluene-D8	MS	SURR	99	%	89-112
FC28064-4MS*	460-00-4	4-Bromofluorobenzene	MS	SURR	101	%	85-114
FC28064-4MSD*	75-15-0	Carbon Disulfide	MSD	REC	84	%	64-133
FC28064-4MSD*	75-15-0	Carbon Disulfide	MSD	RPD	5	%	20
FC28064-4MSD*	87-68-3	Hexachlorobutadiene	MSD	REC	103	%	66-134
FC28064-4MSD*	87-68-3	Hexachlorobutadiene	MSD	RPD	5	%	20
FC28064-4MSD*	75-09-2	Methylene Chloride	MSD	REC	79	%	74-124
FC28064-4MSD*	75-09-2	Methylene Chloride	MSD	RPD	5	%	20
FC28064-4MSD*	108-05-4	Vinyl Acetate	MSD	REC	92	%	54-146
FC28064-4MSD*	108-05-4	Vinyl Acetate	MSD	RPD	2	%	20
FC28064-4MSD*	1868-53-7	Dibromofluoromethane	MSD	SURR	106	%	80-119
FC28064-4MSD*	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	117	%	81-118

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28064-4MSD*	2037-26-5	Toluene-D8	MSD	SURR	101	%	89-112
FC28064-4MSD*	460-00-4	4-Bromofluorobenzene	MSD	SURR	100	%	85-114
V5E2326-MB	1868-53-7	Dibromofluoromethane	MB	SURR	105	%	80-119
V5E2326-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	114	%	81-118
V5E2326-MB	2037-26-5	Toluene-D8	MB	SURR	97	%	89-112
V5E2326-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	104	%	85-114
FC28047-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC28047-1	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	123 [a]	%	81-118
FC28047-1	2037-26-5	Toluene-D8	SAMP	SURR	100	%	89-112
FC28047-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	106	%	85-114
FC28047-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	80-119
FC28047-2	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	119 [a]	%	81-118
FC28047-2	2037-26-5	Toluene-D8	SAMP	SURR	98	%	89-112
FC28047-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	106	%	85-114
FC28047-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	80-119
FC28047-3	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	124 [a]	%	81-118
FC28047-3	2037-26-5	Toluene-D8	SAMP	SURR	98	%	89-112
FC28047-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	108	%	85-114
FC28047-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	80-119
FC28047-4	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	123 [a]	%	81-118
FC28047-4	2037-26-5	Toluene-D8	SAMP	SURR	98	%	89-112
FC28047-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	105	%	85-114
FC28047-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	80-119
FC28047-5	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	122 [b]	%	81-118
FC28047-5	2037-26-5	Toluene-D8	SAMP	SURR	102	%	89-112
FC28047-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC28047-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	80-119
FC28047-6	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	122 [b]	%	81-118
FC28047-6	2037-26-5	Toluene-D8	SAMP	SURR	99	%	89-112
FC28047-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	107	%	85-114
FC28047-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	106	%	80-119
FC28047-7	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	115	%	81-118
FC28047-7	2037-26-5	Toluene-D8	SAMP	SURR	97	%	89-112
FC28047-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	107	%	85-114
FC28047-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	107	%	80-119
FC28047-9	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	117	%	81-118
FC28047-9	2037-26-5	Toluene-D8	SAMP	SURR	97	%	89-112
FC28047-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	105	%	85-114
FC28047-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	108	%	80-119
FC28047-10	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	120 [a]	%	81-118
FC28047-10	2037-26-5	Toluene-D8	SAMP	SURR	98	%	89-112
FC28047-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	104	%	85-114
FC28047-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	110	%	80-119
FC28047-11	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	122 [a]	%	81-118
FC28047-11	2037-26-5	Toluene-D8	SAMP	SURR	97	%	89-112

* Sample used for QC is not from job FC28047

QC Evaluation: DOD QSM5.x Limits

Job Number: FC28047
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 09/23/25 thru 09/24/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC28047-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC28047-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	109	%	80-119
FC28047-12	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	121 [a]	%	81-118
FC28047-12	2037-26-5	Toluene-D8	SAMP	SURR	97	%	89-112
FC28047-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114
FC28047-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	111	%	80-119
FC28047-13	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	122 [a]	%	81-118
FC28047-13	2037-26-5	Toluene-D8	SAMP	SURR	100	%	89-112
FC28047-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	103	%	85-114

(a) Outside DOD QSM control limits, sample is ND.
(b) Outside DOD QSM control limits.

* Sample used for QC is not from job FC28047

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2341-MB [a]	2A68166.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.37	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.23	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.31	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	

Method Blank Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2341-MB [a]	2A68166.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.22	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.37	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.29	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
	m,p-Xylene	ND	2.0	0.47	ug/l	
95-47-6	o-Xylene	ND	1.0	0.26	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	92%	83-118%

Method Blank Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2341-MB [a]	2A68166.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:**

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1O4417-MB [a]	1O95836.D	1	09/30/25	JW	n/a	n/a	V1O4417

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-8, FC28047-14

CAS No.	Compound	Result	RL	MDL	Units	Q
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	89%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	97%	83-118%

(a) Sample was treated with an anti-foaming agent.

Method Blank Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E2326-MB [a]	5E52473.D	1	09/30/25	DW	n/a	n/a	V5E2326

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13

CAS No.	Compound	Result	RL	MDL	Units	Q
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	105%	83-118%
17060-07-0	1,2-Dichloroethane-D4	114%	79-125%
2037-26-5	Toluene-D8	97%	85-112%
460-00-4	4-Bromofluorobenzene	104%	83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2341-BS	2A68164.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	142	114	50-147
71-43-2	Benzene	25	24.7	99	81-122
108-86-1	Bromobenzene	25	22.9	92	80-121
74-97-5	Bromochloromethane	25	24.5	98	76-123
75-27-4	Bromodichloromethane	25	25.7	103	79-123
75-25-2	Bromoform	25	26.0	104	66-123
78-93-3	2-Butanone (MEK)	125	136	109	56-143
104-51-8	n-Butylbenzene	25	27.4	110	79-126
135-98-8	sec-Butylbenzene	25	24.9	100	83-133
98-06-6	tert-Butylbenzene	25	26.7	107	80-133
56-23-5	Carbon Tetrachloride	25	26.5	106	76-136
108-90-7	Chlorobenzene	25	24.0	96	82-124
75-00-3	Chloroethane	25	22.9	92	62-144
67-66-3	Chloroform	25	24.3	97	80-124
95-49-8	o-Chlorotoluene	25	25.8	103	81-127
106-43-4	p-Chlorotoluene	25	25.4	102	83-130
124-48-1	Dibromochloromethane	25	27.5	110	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	27.9	112	64-123
106-93-4	1,2-Dibromoethane	25	24.9	100	75-120
75-71-8	Dichlorodifluoromethane	25	26.3	105	42-167
95-50-1	1,2-Dichlorobenzene	25	23.4	94	82-124
541-73-1	1,3-Dichlorobenzene	25	23.4	94	84-125
106-46-7	1,4-Dichlorobenzene	25	23.1	92	78-120
75-34-3	1,1-Dichloroethane	25	26.5	106	81-122
107-06-2	1,2-Dichloroethane	25	28.1	112	75-125
75-35-4	1,1-Dichloroethylene	25	28.5	114	78-137
156-59-2	cis-1,2-Dichloroethylene	25	24.0	96	78-120
156-60-5	trans-1,2-Dichloroethylene	25	28.2	113	76-127
540-59-0	1,2-Dichloroethene (total)	50	52.2	104	77-122
78-87-5	1,2-Dichloropropane	25	26.8	107	76-124
142-28-9	1,3-Dichloropropane	25	25.7	103	80-118
594-20-7	2,2-Dichloropropane	25	25.3	101	74-139
563-58-6	1,1-Dichloropropene	25	29.3	117	79-131
10061-01-5	cis-1,3-Dichloropropene	25	25.6	102	75-118
10061-02-6	trans-1,3-Dichloropropene	25	26.7	107	80-120
100-41-4	Ethylbenzene	25	25.2	101	81-121

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2A2341-BS	2A68164.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
591-78-6	2-Hexanone	125	153	122	61-129
98-82-8	Isopropylbenzene	25	24.5	98	83-132
99-87-6	p-Isopropyltoluene	25	24.8	99	79-130
74-83-9	Methyl Bromide	25	24.3	97	59-143
74-87-3	Methyl Chloride	25	25.3	101	50-159
74-95-3	Methylene Bromide	25	25.3	101	78-119
108-10-1	4-Methyl-2-pentanone (MIBK)	125	147	118	66-122
1634-04-4	Methyl Tert Butyl Ether	25	26.6	106	72-117
91-20-3	Naphthalene	25	24.2	97	63-132
103-65-1	n-Propylbenzene	25	26.1	104	82-133
100-42-5	Styrene	25	24.5	98	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	25.5	102	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	26.5	106	72-120
127-18-4	Tetrachloroethylene	25	23.6	94	76-135
108-88-3	Toluene	25	24.1	96	80-120
87-61-6	1,2,3-Trichlorobenzene	25	22.7	91	68-131
120-82-1	1,2,4-Trichlorobenzene	25	22.7	91	73-129
71-55-6	1,1,1-Trichloroethane	25	26.0	104	75-130
79-00-5	1,1,2-Trichloroethane	25	26.9	108	76-119
79-01-6	Trichloroethylene	25	24.5	98	81-126
75-69-4	Trichlorofluoromethane	25	23.7	95	71-156
96-18-4	1,2,3-Trichloropropane	25	24.9	100	77-120
95-63-6	1,2,4-Trimethylbenzene	25	25.5	102	79-120
108-67-8	1,3,5-Trimethylbenzene	25	24.7	99	79-120
75-01-4	Vinyl Chloride	25	27.8	111	69-159
	m,p-Xylene	50	49.8	100	79-126
95-47-6	o-Xylene	25	24.4	98	80-127
1330-20-7	Xylene (total)	75	74.2	99	80-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	118%	79-125%
2037-26-5	Toluene-D8	102%	85-112%
460-00-4	4-Bromofluorobenzene	96%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1O4417-BS	1O95834.D	1	09/30/25	JW	n/a	n/a	V1O4417

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-8, FC28047-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-15-0	Carbon Disulfide	25	16.6	66	66-148
87-68-3	Hexachlorobutadiene	25	23.0	92	75-142
75-09-2	Methylene Chloride	25	22.6	90	69-135
108-05-4	Vinyl Acetate	125	103	82	43-154

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	83-118%
17060-07-0	1,2-Dichloroethane-D4	93%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	99%	83-118%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V5E2326-BS	5E52470.D	1	09/30/25	DW	n/a	n/a	V5E2326

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
75-15-0	Carbon Disulfide	25	24.7	99	66-148
87-68-3	Hexachlorobutadiene	25	32.2	129	75-142
75-09-2	Methylene Chloride	25	22.1	88	69-135
108-05-4	Vinyl Acetate	125	123	98	43-154

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	104%	83-118%
17060-07-0	1,2-Dichloroethane-D4	113%	79-125%
2037-26-5	Toluene-D8	100%	85-112%
460-00-4	4-Bromofluorobenzene	101%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC28047-8MS	2A68190.D	1	09/28/25	JW	n/a	n/a	V2A2341
FC28047-8MSD	2A68191.D	1	09/28/25	JW	n/a	n/a	V2A2341
FC28047-8	2A68171.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	FC28047-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	134	107	125	128	102	5	50-147/21
71-43-2	Benzene	1.0 U		25	24.1	96	25	24.7	99	2	81-122/14
108-86-1	Bromobenzene	1.0 U		25	23.9	96	25	23.5	94	2	80-121/14
74-97-5	Bromochloromethane	1.0 U		25	24.6	98	25	25.4	102	3	76-123/14
75-27-4	Bromodichloromethane	1.0 U		25	25.4	102	25	25.6	102	1	79-123/19
75-25-2	Bromoform	1.0 U		25	23.6	94	25	23.4	94	1	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	133	106	125	124	99	7	56-143/18
104-51-8	n-Butylbenzene	1.0 U		25	28.2	113	25	27.7	111	2	79-126/16
135-98-8	sec-Butylbenzene	1.0 U		25	25.7	103	25	25.7	103	0	83-133/16
98-06-6	tert-Butylbenzene	1.0 U		25	27.7	111	25	27.4	110	1	80-133/16
56-23-5	Carbon Tetrachloride	1.0 U		25	25.7	103	25	26.3	105	2	76-136/23
108-90-7	Chlorobenzene	1.0 U		25	24.5	98	25	24.7	99	1	82-124/14
75-00-3	Chloroethane	2.0 U		25	22.4	90	25	21.6	86	4	62-144/20
67-66-3	Chloroform	1.0 U		25	24.8	99	25	24.9	100	0	80-124/15
95-49-8	o-Chlorotoluene	1.0 U		25	26.4	106	25	26.5	106	0	81-127/15
106-43-4	p-Chlorotoluene	1.0 U		25	26.6	106	25	26.7	107	0	83-130/15
124-48-1	Dibromochloromethane	1.0 U		25	26.3	105	25	26.4	106	0	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	5.0 U		25	27.1	108	25	26.1	104	4	64-123/18
106-93-4	1,2-Dibromoethane	2.0 U		25	24.3	97	25	24.0	96	1	75-120/13
75-71-8	Dichlorodifluoromethane	2.0 U		25	26.3	105	25	24.5	98	7	42-167/19
95-50-1	1,2-Dichlorobenzene	1.0 U		25	24.5	98	25	24.1	96	2	82-124/14
541-73-1	1,3-Dichlorobenzene	1.0 U		25	24.0	96	25	24.1	96	0	84-125/14
106-46-7	1,4-Dichlorobenzene	1.0 U		25	24.4	98	25	24.3	97	0	78-120/15
75-34-3	1,1-Dichloroethane	1.0 U		25	25.9	104	25	26.8	107	3	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	28.9	116	25	28.3	113	2	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	28.0	112	25	28.2	113	1	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	23.9	96	25	23.7	95	1	78-120/15
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	27.0	108	25	27.4	110	1	76-127/17
540-59-0	1,2-Dichloroethene (total)	2.0 U		50	50.8	102	50	51.1	102	1	77-122/15
78-87-5	1,2-Dichloropropane	1.0 U		25	26.9	108	25	27.3	109	1	76-124/14
142-28-9	1,3-Dichloropropane	1.0 U		25	25.4	102	25	25.8	103	2	80-118/13
594-20-7	2,2-Dichloropropane	1.0 U		25	23.3	93	25	23.6	94	1	74-139/17
563-58-6	1,1-Dichloropropene	1.0 U		25	28.5	114	25	29.1	116	2	79-131/16
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	23.9	96	25	24.2	97	1	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	24.7	99	25	25.2	101	2	80-120/22
100-41-4	Ethylbenzene	1.0 U		25	24.4	98	25	25.6	102	5	81-121/14

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC28047-8MS	2A68190.D	1	09/28/25	JW	n/a	n/a	V2A2341
FC28047-8MSD	2A68191.D	1	09/28/25	JW	n/a	n/a	V2A2341
FC28047-8	2A68171.D	1	09/28/25	JW	n/a	n/a	V2A2341

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-8, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13, FC28047-14

CAS No.	Compound	FC28047-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
591-78-6	2-Hexanone	10 U		125	151	121	125	144	115	5	61-129/18
98-82-8	Isopropylbenzene	1.0 U		25	25.0	100	25	25.5	102	2	83-132/15
99-87-6	p-Isopropyltoluene	1.0 U		25	25.7	103	25	25.5	102	1	79-130/16
74-83-9	Methyl Bromide	5.0 U		25	23.6	94	25	23.5	94	0	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	24.4	98	25	24.5	98	0	50-159/19
74-95-3	Methylene Bromide	2.0 U		25	25.7	103	25	24.9	100	3	78-119/14
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	143	114	125	135	108	6	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	26.4	106	25	26.3	105	0	72-117/14
91-20-3	Naphthalene	2.2	J	25	23.3	84	25	23.7	86	2	63-132/25
103-65-1	n-Propylbenzene	1.0 U		25	26.6	106	25	27.0	108	1	82-133/15
100-42-5	Styrene	1.0 U		25	24.6	98	25	24.8	99	1	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	24.3	97	25	24.8	99	2	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	26.0	104	25	25.8	103	1	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	22.8	91	25	22.8	91	0	76-135/16
108-88-3	Toluene	1.0 U		25	23.4	94	25	24.3	97	4	80-120/14
87-61-6	1,2,3-Trichlorobenzene	2.0 U		25	22.8	91	25	22.7	91	0	68-131/25
120-82-1	1,2,4-Trichlorobenzene	2.0 U		25	21.4	86	25	22.5	90	5	73-129/20
71-55-6	1,1,1-Trichloroethane	1.0 U		25	25.1	100	25	26.1	104	4	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	26.6	106	25	26.2	105	2	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	23.8	95	25	23.7	95	0	81-126/15
75-69-4	Trichlorofluoromethane	2.0 U		25	24.2	97	25	22.9	92	6	71-156/21
96-18-4	1,2,3-Trichloropropane	2.0 U		25	24.8	99	25	24.2	97	2	77-120/16
95-63-6	1,2,4-Trimethylbenzene	1.0 U		25	26.6	106	25	26.3	105	1	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U		25	25.2	101	25	25.4	102	1	79-120/19
75-01-4	Vinyl Chloride	1.0 U		25	27.8	111	25	27.7	111	0	69-159/18
	m,p-Xylene	2.0 U		50	49.6	99	50	50.4	101	2	79-126/15
95-47-6	o-Xylene	1.0 U		25	24.5	98	25	25.0	100	2	80-127/14
1330-20-7	Xylene (total)	3.0 U		75	74.1	99	75	75.4	101	2	80-126/15

CAS No.	Surrogate Recoveries	MS	MSD	FC28047-8	Limits
1868-53-7	Dibromofluoromethane	102%	100%	101%	83-118%
17060-07-0	1,2-Dichloroethane-D4	119%	118%	116%	79-125%
2037-26-5	Toluene-D8	101%	102%	103%	85-112%
460-00-4	4-Bromofluorobenzene	99%	96%	97%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC28123-15MS	1O95858.D	1	09/30/25	JW	n/a	n/a	V1O4417
FC28123-15MSD	1O95859.D	1	09/30/25	JW	n/a	n/a	V1O4417
FC28123-15	1O95839.D	1	09/30/25	JW	n/a	n/a	V1O4417

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-8, FC28047-14

CAS No.	Compound	FC28123-15 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-15-0	Carbon Disulfide	2.0 U		25	17.4	70	25	18.4	74	6	66-148/23
87-68-3	Hexachlorobutadiene	2.0 U		25	17.2	69*	25	18.3	73*	6	75-142/19
75-09-2	Methylene Chloride	5.0 U		25	23.9	96	25	22.4	90	6	69-135/16
108-05-4	Vinyl Acetate	10 U		125	112	90	125	101	81	10	43-154/14

CAS No.	Surrogate Recoveries	MS	MSD	FC28123-15	Limits
1868-53-7	Dibromofluoromethane	104%	102%	96%	83-118%
17060-07-0	1,2-Dichloroethane-D4	102%	95%	90%	79-125%
2037-26-5	Toluene-D8	97%	93%	97%	85-112%
460-00-4	4-Bromofluorobenzene	99%	96%	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC28064-4MS	5E52485.D	10000	09/30/25	DW	n/a	n/a	V5E2326
FC28064-4MSD	5E52486.D	10000	09/30/25	DW	n/a	n/a	V5E2326
FC28064-4	5E52475.D	10000	09/30/25	DW	n/a	n/a	V5E2326

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC28047-1, FC28047-2, FC28047-3, FC28047-4, FC28047-5, FC28047-6, FC28047-7, FC28047-9, FC28047-10, FC28047-11, FC28047-12, FC28047-13

CAS No.	Compound	FC28064-4 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
75-15-0	Carbon Disulfide	20000	U	250000	221000	88	250000	210000	84	5	66-148/23
87-68-3	Hexachlorobutadiene	20000	U	250000	244000	98	250000	257000	103	5	75-142/19
75-09-2	Methylene Chloride	50000	U	250000	208000	83	250000	197000	79	5	69-135/16
108-05-4	Vinyl Acetate	100000	U	1250000	1170000	94	1250000	1150000	92	2	43-154/14

CAS No.	Surrogate Recoveries	MS	MSD	FC28064-4	Limits
1868-53-7	Dibromofluoromethane	105%	106%	109%	83-118%
17060-07-0	1,2-Dichloroethane-D4	124%	117%	116%	79-125%
2037-26-5	Toluene-D8	99%	101%	99%	85-112%
460-00-4	4-Bromofluorobenzene	101%	100%	102%	83-118%

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-BFB
Lab File ID: 1O95735.D
Instrument ID: GCMS1O
Injection Date: 09/28/25
Injection Time: 09:28

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	99467	100.0		Pass
96	5.0 - 9.0% of mass 95	7101	7.14		Pass
173	Less than 2.0% of mass 174	587	0.59	(0.97) [a]	Pass
174	50.0 - 200.0% of mass 95	60821	61.1		Pass
175	5.0 - 9.0% of mass 174	4703	4.73	(7.73) [a]	Pass
176	95.0 - 105.0% of mass 174	61115	61.4	(100.5) [a]	Pass
177	5.0 - 10.0% of mass 176	4310	4.33	(7.05) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1O4414-IC4414	1O95736.D	09/28/25	09:51	00:23	Initial cal 1
V1O4414-IC4414	1O95737.D	09/28/25	10:07	00:39	Initial cal 8
V1O4414-IC4414	1O95738.D	09/28/25	10:24	00:56	Initial cal 2
V1O4414-IC4414	1O95739.D	09/28/25	10:40	01:12	Initial cal 3
V1O4414-IC4414	1O95740.D	09/28/25	10:56	01:28	Initial cal 4
V1O4414-ICC4414	1O95741.D	09/28/25	11:12	01:44	Initial cal 5
V1O4414-IC4414	1O95742.D	09/28/25	11:28	02:00	Initial cal 6
V1O4414-IC4414	1O95743.D	09/28/25	11:44	02:16	Initial cal 7
V1O4414-ICV4414	1O95745.D	09/28/25	12:19	02:51	Initial cal verification 5
V1O4414-ICV4414	1O95746.D	09/28/25	13:04	03:36	Initial cal verification 4
V1O4414-BS	1O95746A.D	09/28/25	13:04	03:36	Blank Spike
V1O4414-MB	1O95748.D	09/28/25	13:36	04:08	Method Blank
ZZZZZZ	1O95749.D	09/28/25	14:02	04:34	(unrelated sample)
ZZZZZZ	1O95750.D	09/28/25	14:18	04:50	(unrelated sample)
ZZZZZZ	1O95751.D	09/28/25	14:34	05:06	(unrelated sample)
ZZZZZZ	1O95752.D	09/28/25	14:51	05:23	(unrelated sample)
ZZZZZZ	1O95753.D	09/28/25	15:07	05:39	(unrelated sample)
ZZZZZZ	1O95754.D	09/28/25	15:23	05:55	(unrelated sample)
ZZZZZZ	1O95755.D	09/28/25	15:39	06:11	(unrelated sample)
ZZZZZZ	1O95756.D	09/28/25	15:55	06:27	(unrelated sample)
ZZZZZZ	1O95757.D	09/28/25	16:11	06:43	(unrelated sample)
ZZZZZZ	1O95758.D	09/28/25	16:28	07:00	(unrelated sample)
ZZZZZZ	1O95759.D	09/28/25	16:44	07:16	(unrelated sample)
ZZZZZZ	1O95760.D	09/28/25	17:00	07:32	(unrelated sample)
ZZZZZZ	1O95761.D	09/28/25	17:16	07:48	(unrelated sample)
ZZZZZZ	1O95762.D	09/28/25	17:32	08:04	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V1O4414-BFB	**Injection Date:**	09/28/25
Lab File ID:	1O95735.D	**Injection Time:**	09:28
Instrument ID:	GCMS1O		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	1O95763.D	09/28/25	17:49	08:21	(unrelated sample)
ZZZZZZ	1O95764.D	09/28/25	18:05	08:37	(unrelated sample)
ZZZZZZ	1O95765.D	09/28/25	18:21	08:53	(unrelated sample)
ZZZZZZ	1O95766.D	09/28/25	18:37	09:09	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-BFB
Lab File ID: 1O95832.D
Instrument ID: GCMS1O
Injection Date: 09/30/25
Injection Time: 09:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	88824	100.0		Pass
96	5.0 - 9.0% of mass 95	5449	6.13		Pass
173	Less than 2.0% of mass 174	537	0.60	(1.01) [a]	Pass
174	50.0 - 200.0% of mass 95	53299	60.0		Pass
175	5.0 - 9.0% of mass 174	4040	4.55	(7.58) [a]	Pass
176	95.0 - 105.0% of mass 174	55429	62.4	(104.0) [a]	Pass
177	5.0 - 10.0% of mass 176	3388	3.81	(6.11) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1O4417-CC4414	1O95833.D	09/30/25	10:02	00:23	Continuing cal 4
V1O4417-BS	1O95834.D	09/30/25	10:27	00:48	Blank Spike
V1O4417-MB	1O95836.D	09/30/25	10:59	01:20	Method Blank
ZZZZZZ	1O95838.D	09/30/25	11:47	02:08	(unrelated sample)
FC28123-15	1O95839.D	09/30/25	12:03	02:24	(used for QC only; not part of job FC28047)
ZZZZZZ	1O95840.D	09/30/25	12:19	02:40	(unrelated sample)
ZZZZZZ	1O95841.D	09/30/25	12:35	02:56	(unrelated sample)
FC28047-8	1O95842.D	09/30/25	12:51	03:12	789MW-222_0925
FC28047-14	1O95843.D	09/30/25	13:07	03:28	789-TB01_0925-C
ZZZZZZ	1O95844.D	09/30/25	13:24	03:45	(unrelated sample)
ZZZZZZ	1O95845.D	09/30/25	13:40	04:01	(unrelated sample)
ZZZZZZ	1O95846.D	09/30/25	13:56	04:17	(unrelated sample)
ZZZZZZ	1O95847.D	09/30/25	14:12	04:33	(unrelated sample)
ZZZZZZ	1O95848.D	09/30/25	14:28	04:49	(unrelated sample)
ZZZZZZ	1O95849.D	09/30/25	14:44	05:05	(unrelated sample)
ZZZZZZ	1O95850.D	09/30/25	15:00	05:21	(unrelated sample)
ZZZZZZ	1O95851.D	09/30/25	15:17	05:38	(unrelated sample)
ZZZZZZ	1O95852.D	09/30/25	15:33	05:54	(unrelated sample)
ZZZZZZ	1O95853.D	09/30/25	15:49	06:10	(unrelated sample)
ZZZZZZ	1O95854.D	09/30/25	16:05	06:26	(unrelated sample)
ZZZZZZ	1O95855.D	09/30/25	16:21	06:42	(unrelated sample)
ZZZZZZ	1O95856.D	09/30/25	16:38	06:59	(unrelated sample)
ZZZZZZ	1O95857.D	09/30/25	16:54	07:15	(unrelated sample)
FC28123-15MS	1O95858.D	09/30/25	17:10	07:31	Matrix Spike
FC28123-15MSD	1O95859.D	09/30/25	17:26	07:47	Matrix Spike Duplicate
V1O4417-ECC4414	1O95860.D	09/30/25	17:42	08:03	Ending cal 4

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V1O4417-BFB	**Injection Date:**	09/30/25
Lab File ID:	1O95832.D	**Injection Time:**	09:39
Instrument ID:	GCMS1O		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1O4418-CC4414	1O95862.D	09/30/25	18:15	08:36	Continuing cal 4
V1O4418-BS	1O95863.D	09/30/25	18:31	08:52	Blank Spike
FC28097-15MS	1O95864.D	09/30/25	18:47	09:08	Matrix Spike
FC28097-15MSD	1O95865.D	09/30/25	19:03	09:24	Matrix Spike Duplicate
V1O4418-MB	1O95868.D	09/30/25	19:52	10:13	Method Blank
FC28097-15	1O95869.D	09/30/25	20:08	10:29	(used for QC only; not part of job FC28047)
ZZZZZZ	1O95870.D	09/30/25	20:24	10:45	(unrelated sample)
ZZZZZZ	1O95871.D	09/30/25	20:40	11:01	(unrelated sample)
ZZZZZZ	1O95872.D	09/30/25	20:56	11:17	(unrelated sample)
ZZZZZZ	1O95873.D	09/30/25	21:12	11:33	(unrelated sample)
ZZZZZZ	1O95874.D	09/30/25	21:28	11:49	(unrelated sample)
ZZZZZZ	1O95875.D	09/30/25	21:44	12:05	(unrelated sample)
ZZZZZZ	1O95876.D	09/30/25	22:01	12:22	(unrelated sample)
ZZZZZZ	1O95877.D	09/30/25	22:17	12:38	(unrelated sample)
ZZZZZZ	1O95878.D	09/30/25	22:33	12:54	(unrelated sample)
ZZZZZZ	1O95879.D	09/30/25	22:49	13:10	(unrelated sample)
ZZZZZZ	1O95880.D	09/30/25	23:05	13:26	(unrelated sample)
ZZZZZZ	1O95881.D	09/30/25	23:21	13:42	(unrelated sample)
ZZZZZZ	1O95882.D	09/30/25	23:37	13:58	(unrelated sample)
ZZZZZZ	1O95883.D	09/30/25	23:53	14:14	(unrelated sample)
ZZZZZZ	1O95884.D	10/01/25	00:09	14:30	(unrelated sample)
ZZZZZZ	1O95885.D	10/01/25	00:26	14:47	(unrelated sample)
ZZZZZZ	1O95886.D	10/01/25	00:42	15:03	(unrelated sample)
ZZZZZZ	1O95887.D	10/01/25	00:58	15:19	(unrelated sample)
ZZZZZZ	1O95888.D	10/01/25	01:14	15:35	(unrelated sample)
V1O4418-ECC4414	1O95889.D	10/01/25	01:30	15:51	Ending cal 4

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V2A2301-BFB	**Injection Date:**	08/17/25
Lab File ID:	2A67128.D	**Injection Time:**	11:39
Instrument ID:	GCMS2A		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	50264	100.0		Pass
96	5.0 - 9.0% of mass 95	3472	6.91		Pass
173	Less than 2.0% of mass 174	422	0.84	(1.01) [a]	Pass
174	50.0 - 200.0% of mass 95	41920	83.4		Pass
175	5.0 - 9.0% of mass 174	3077	6.12	(7.34) [a]	Pass
176	95.0 - 105.0% of mass 174	40837	81.2	(97.4) [a]	Pass
177	5.0 - 10.0% of mass 176	2699	5.37	(6.61) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A2301-IC2301	2A67129.D	08/17/25	11:58	00:19	Initial cal 1
V2A2301-IC2301	2A67130.D	08/17/25	12:14	00:35	Initial cal 8
V2A2301-IC2301	2A67131.D	08/17/25	12:43	01:04	Initial cal 2
V2A2301-IC2301	2A67132.D	08/17/25	12:59	01:20	Initial cal 3
V2A2301-IC2301	2A67133.D	08/17/25	13:16	01:37	Initial cal 4
V2A2301-ICC2301	2A67134.D	08/17/25	13:32	01:53	Initial cal 5
V2A2301-IC2301	2A67135.D	08/17/25	13:48	02:09	Initial cal 6
V2A2301-IC2301	2A67136.D	08/17/25	14:05	02:26	Initial cal 7
V2A2301-ICV2301	2A67139.D	08/17/25	15:11	03:32	Initial cal verification 5
V2A2301-ICV2301	2A67140.D	08/17/25	15:28	03:49	Initial cal verification 4

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V2A2341-BFB	**Injection Date:**	09/28/25
Lab File ID:	2A68162.D	**Injection Time:**	08:33
Instrument ID:	GCMS2A		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	39168	100.0		Pass
96	5.0 - 9.0% of mass 95	2723	6.95		Pass
173	Less than 2.0% of mass 174	298	0.76	(0.99) [a]	Pass
174	50.0 - 200.0% of mass 95	30219	77.2		Pass
175	5.0 - 9.0% of mass 174	2227	5.69	(7.37) [a]	Pass
176	95.0 - 105.0% of mass 174	29272	74.7	(96.9) [a]	Pass
177	5.0 - 10.0% of mass 176	1919	4.90	(6.56) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2A2341-CC2301	2A68163.D	09/28/25	08:57	00:24	Continuing cal 5
V2A2341-BS	2A68164.D	09/28/25	09:30	00:57	Blank Spike
V2A2342-BS	2A68164.D	09/28/25	09:30	00:57	Blank Spike
V2A2342-MB	2A68166.D	09/28/25	10:03	01:30	Method Blank
V2A2341-MB	2A68166.D	09/28/25	10:03	01:30	Method Blank
FC28047-14	2A68168.D	09/28/25	10:56	02:23	789-TB01_0925-C
OP11693-LB	2A68169.D	09/28/25	11:12	02:39	Leachate Blank
FC27855-2R	2A68170.D	09/28/25	11:28	02:55	(used for QC only; not part of job FC28047)
FC28047-8	2A68171.D	09/28/25	11:45	03:12	789MW-222_0925
ZZZZZZ	2A68172.D	09/28/25	12:02	03:29	(unrelated sample)
ZZZZZZ	2A68173.D	09/28/25	12:18	03:45	(unrelated sample)
FC28047-1	2A68174.D	09/28/25	12:35	04:02	789MW-135_0925
FC28047-2	2A68175.D	09/28/25	12:51	04:18	789MW-46R_0925
FC28047-3	2A68176.D	09/28/25	13:08	04:35	789MW-83_0925
FC28047-4	2A68177.D	09/28/25	13:24	04:51	789MW-95_0925
FC28047-5	2A68178.D	09/28/25	13:41	05:08	789MW-99_0925
FC28047-6	2A68179.D	09/28/25	13:57	05:24	789MW-99_0925-A
FC28047-7	2A68180.D	09/28/25	14:14	05:41	789MW-216_0925
FC28047-9	2A68181.D	09/28/25	14:30	05:57	789MW-251_0925
FC28047-10	2A68182.D	09/28/25	14:47	06:14	789SW-02_0925
FC28047-11	2A68183.D	09/28/25	15:03	06:30	789SW-03_0925
FC28047-12	2A68184.D	09/28/25	15:20	06:47	789SW-04_0925
FC28047-13	2A68185.D	09/28/25	15:37	07:04	789-AB01_0925-D
ZZZZZZ	2A68186.D	09/28/25	15:53	07:20	(unrelated sample)
ZZZZZZ	2A68187.D	09/28/25	16:10	07:37	(unrelated sample)
FC27855-2RMS	2A68188.D	09/28/25	16:27	07:54	Matrix Spike

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V2A2341-BFB	**Injection Date:**	09/28/25
Lab File ID:	2A68162.D	**Injection Time:**	08:33
Instrument ID:	GCMS2A		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
FC27855-2RMSD	2A68189.D	09/28/25	16:43	08:10	Matrix Spike Duplicate
FC28047-8MS	2A68190.D	09/28/25	17:00	08:27	Matrix Spike
FC28047-8MSD	2A68191.D	09/28/25	17:16	08:43	Matrix Spike Duplicate
V2A2341-ECC2301	2A68192.D	09/28/25	17:33	09:00	Ending cal 5

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V5E2317-BFB	**Injection Date:**	09/17/25
Lab File ID:	5E52177.D	**Injection Time:**	16:37
Instrument ID:	GCMS5E		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	121781	100.0		Pass
96	5.0 - 9.0% of mass 95	9048	7.43		Pass
173	Less than 2.0% of mass 174	774	0.64	(0.68) [a]	Pass
174	50.0 - 200.0% of mass 95	114357	93.9		Pass
175	5.0 - 9.0% of mass 174	8984	7.38	(7.86) [a]	Pass
176	95.0 - 105.0% of mass 174	109133	89.6	(95.4) [a]	Pass
177	5.0 - 10.0% of mass 176	7670	6.30	(7.03) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5E2317-IC2317	5E52178.D	09/17/25	17:01	00:24	Initial cal 1
V5E2317-IC2317	5E52179.D	09/17/25	17:23	00:46	Initial cal 8
V5E2317-IC2317	5E52180.D	09/17/25	17:48	01:11	Initial cal 2
V5E2317-IC2317	5E52181.D	09/17/25	18:10	01:33	Initial cal 3
V5E2317-IC2317	5E52182.D	09/17/25	18:34	01:57	Initial cal 4
V5E2317-ICC2317	5E52183.D	09/17/25	18:57	02:20	Initial cal 5
V5E2317-IC2317	5E52184.D	09/17/25	19:21	02:44	Initial cal 6
V5E2317-IC2317	5E52185.D	09/17/25	19:44	03:07	Initial cal 7
V5E2317-ICV2317	5E52189.D	09/17/25	21:14	04:37	Initial cal verification 5
V5E2317-ICV2317	5E52190.D	09/17/25	21:37	05:00	Initial cal verification 4

Instrument Performance Check (BFB)

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample:	V5E2326-BFB	**Injection Date:**	09/30/25
Lab File ID:	5E52468.D	**Injection Time:**	12:12
Instrument ID:	GCMS5E		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	79896	100.0		Pass
96	5.0 - 9.0% of mass 95	5680	7.11		Pass
173	Less than 2.0% of mass 174	353	0.44	(0.49) [a]	Pass
174	50.0 - 200.0% of mass 95	71885	90.0		Pass
175	5.0 - 9.0% of mass 174	4997	6.25	(6.95) [a]	Pass
176	95.0 - 105.0% of mass 174	70733	88.5	(98.4) [a]	Pass
177	5.0 - 10.0% of mass 176	4630	5.80	(6.55) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V5E2326-CC2317	5E52469.D	09/30/25	12:41	00:29	Continuing cal 4
V5E2326-BS	5E52470.D	09/30/25	13:04	00:52	Blank Spike
V5E2326-MB	5E52473.D	09/30/25	14:12	02:00	Method Blank
FC28064-4	5E52475.D	09/30/25	14:57	02:45	(used for QC only; not part of job FC28047)
ZZZZZZ	5E52476.D	09/30/25	15:26	03:14	(unrelated sample)
ZZZZZZ	5E52477.D	09/30/25	15:49	03:37	(unrelated sample)
ZZZZZZ	5E52478.D	09/30/25	16:11	03:59	(unrelated sample)
FC28047-1	5E52479.D	09/30/25	16:33	04:21	789MW-135_0925
FC28047-2	5E52480.D	09/30/25	16:56	04:44	789MW-46R_0925
FC28047-3	5E52481.D	09/30/25	17:18	05:06	789MW-83_0925
FC28047-4	5E52482.D	09/30/25	17:41	05:29	789MW-95_0925
FC28047-5	5E52483.D	09/30/25	18:04	05:52	789MW-99_0925
FC28047-6	5E52484.D	09/30/25	18:26	06:14	789MW-99_0925-A
FC28064-4MS	5E52485.D	09/30/25	18:51	06:39	Matrix Spike
FC28064-4MSD	5E52486.D	09/30/25	19:13	07:01	Matrix Spike Duplicate
FC28047-7	5E52489.D	09/30/25	20:22	08:10	789MW-216_0925
FC28047-9	5E52490.D	09/30/25	20:45	08:33	789MW-251_0925
FC28047-10	5E52491.D	09/30/25	21:07	08:55	789SW-02_0925
FC28047-11	5E52492.D	09/30/25	21:30	09:18	789SW-03_0925
FC28047-12	5E52493.D	09/30/25	21:52	09:40	789SW-04_0925
FC28047-13	5E52494.D	09/30/25	22:15	10:03	789-AB01_0925-D
ZZZZZZ	5E52496.D	09/30/25	23:00	10:48	(unrelated sample)
ZZZZZZ	5E52497.D	09/30/25	23:22	11:10	(unrelated sample)
ZZZZZZ	5E52498.D	09/30/25	23:45	11:33	(unrelated sample)
V5E2326-ECC2317	5E52499.D	10/01/25	00:07	11:55	Ending cal 4

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V1O4417-CC4414	**Injection Date:**	09/30/25
Lab File ID:	1O95833.D	**Injection Time:**	10:02
Instrument ID:	GCMS1O	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	428993	4.07	283753	6.07	139288	7.80
Check Std [b]	386363	4.07	261462	6.07	121836	7.81
Upper Limit [c]	772726	4.24	522924	6.24	243672	7.98
Lower Limit [d]	193182	3.90	130731	5.90	60918	7.64

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V1O4417-BS	398704	4.07	265559	6.07	127755	7.81
V1O4417-MB [e]	382167	4.07	258224	6.07	122616	7.81
ZZZZZZ	389779	4.07	262044	6.07	126039	7.81
FC28123-15	386812	4.07	264369	6.07	126021	7.80
ZZZZZZ	381770	4.07	260682	6.07	123468	7.81
ZZZZZZ	344036	4.07	139469	6.07	9219*	7.81
FC28047-8	376805	4.07	258950	6.07	121880	7.80
FC28047-14	386583	4.07	260673	6.07	122631	7.80
ZZZZZZ	374110	4.07	257772	6.07	122421	7.80
ZZZZZZ	378442	4.07	255884	6.07	121496	7.80
ZZZZZZ	383250	4.07	262923	6.07	122009	7.80
ZZZZZZ	372017	4.07	251192	6.07	119893	7.80
ZZZZZZ	371291	4.07	254625	6.07	117607	7.80
ZZZZZZ	371407	4.07	255578	6.07	115830	7.80
ZZZZZZ	366155	4.07	251673	6.07	117765	7.81
ZZZZZZ	372166	4.07	247398	6.07	109776	7.80
ZZZZZZ	376148	4.07	258616	6.07	123150	7.80
ZZZZZZ	365851	4.07	244528	6.07	115249	7.81
ZZZZZZ	373554	4.07	255611	6.07	117159	7.80
ZZZZZZ	357730	4.07	249397	6.07	113009	7.81
ZZZZZZ	363826	4.07	244657	6.07	113058	7.80
ZZZZZZ	353818	4.07	245184	6.07	111211	7.80
FC28123-15MS	357129	4.07	248247	6.07	117969	7.80
FC28123-15MSD	362028	4.07	254956	6.07	121304	7.81
V1O4417-ECC4413	374952	4.07	262279	6.07	125047	7.81

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Initial Cal is: V1O4414-ICC4414 1O95741.D 09/28/25 11:12
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V1O4417-CC4414	**Injection Date:**	09/30/25
Lab File ID:	1O95833.D	**Injection Time:**	10:02
Instrument ID:	GCMS1O	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Sample was treated with an anti-foaming agent.

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V2A2341-CC2301	**Injection Date:**	09/28/25
Lab File ID:	2A68163.D	**Injection Time:**	08:57
Instrument ID:	GCMS2A	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	178150	3.40	126472	5.35	65788	7.08
Check Std [b]	148674	3.40	101973	5.35	51160	7.09
Upper Limit [c]	297348	3.57	203946	5.52	102320	7.26
Lower Limit [d]	74337	3.23	50987	5.18	25580	6.92

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V2A2341-BS	143910	3.40	98732	5.35	49332	7.09
V2A2342-BS	143910	3.40	98732	5.35	49332	7.09
V2A2342-MB [e]	138385	3.40	95000	5.35	48148	7.08
V2A2341-MB [e]	138385	3.40	95000	5.35	48148	7.08
FC28047-14	135714	3.40	90887	5.35	44100	7.09
OP11693-LB	135228	3.40	90560	5.34	44046	7.08
FC27855-2R	133945	3.40	90291	5.34	44460	7.08
FC28047-8	133868	3.40	90702	5.35	44124	7.08
ZZZZZZ	132487	3.40	90047	5.35	43505	7.08
ZZZZZZ	131803	3.40	89508	5.35	43812	7.08
FC28047-1	131661	3.40	89670	5.34	45033	7.08
FC28047-2	134153	3.40	90294	5.34	45033	7.08
FC28047-3	131476	3.40	88817	5.34	43755	7.08
FC28047-4	130246	3.40	87956	5.35	42966	7.08
FC28047-5	131289	3.40	87978	5.35	43515	7.08
FC28047-6	131874	3.40	90059	5.35	43340	7.08
FC28047-7 [e]	129687	3.40	89184	5.34	45387	7.08
FC28047-9	129173	3.40	87413	5.34	43112	7.08
FC28047-10	129903	3.40	88708	5.34	43497	7.08
FC28047-11	129047	3.40	87166	5.35	43189	7.08
FC28047-12	130064	3.40	88312	5.34	43950	7.08
FC28047-13	131032	3.40	88290	5.34	43056	7.08
ZZZZZZ	130520	3.40	88397	5.35	44431	7.08
ZZZZZZ	129230	3.40	88289	5.35	43972	7.08
FC27855-2RMS	140236	3.40	95990	5.34	48871	7.08
FC27855-2RMSD	141483	3.40	98371	5.34	50039	7.08
FC28047-8MS	140429	3.40	97112	5.34	48569	7.08
FC28047-8MSD	143159	3.40	98150	5.34	49856	7.08
V2A2341-ECC230	152149	3.40	105559	5.34	53004	7.08

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V2A2341-CC2301	**Injection Date:**	09/28/25
Lab File ID:	2A68163.D	**Injection Time:**	08:57
Instrument ID:	GCMS2A	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(a) Initial Cal is: V2A2301-ICC2301 2A67134.D 08/17/25 13:32
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Sample was treated with an anti-foaming agent.

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V5E2326-CC2317	**Injection Date:**	09/30/25
Lab File ID:	5E52469.D	**Injection Time:**	12:41
Instrument ID:	GCMS5E	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	898040	8.45	668173	11.59	380571	13.95
Check Std [b]	534520	8.45	400019	11.59	236246	13.95
Upper Limit [c]	1069040	8.62	800038	11.76	472492	14.12
Lower Limit [d]	267260	8.28	200010	11.42	118123	13.78

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
V5E2326-BS	589016	8.45	446076	11.59	255623	13.95
V5E2326-MB [e]	543607	8.45	413054	11.59	222148	13.95
FC28064-4	514273	8.45	387480	11.59	210297	13.95
ZZZZZZ	486977	8.45	377883	11.59	201230	13.95
ZZZZZZ	474760	8.45	366114	11.59	194982	13.95
ZZZZZZ	467286	8.45	346702	11.59	184128	13.95
FC28047-1	445460	8.44	330949	11.59	176459	13.95
FC28047-2 [e]	439778	8.45	330070	11.59	179688	13.95
FC28047-3	426939	8.45	328305	11.59	172609	13.95
FC28047-4	439778	8.45	331250	11.59	176553	13.95
FC28047-5	448808	8.45	324742	11.59	183391	13.95
FC28047-6	450325	8.45	337364	11.59	181183	13.95
FC28064-4MS	503294	8.45	380969	11.59	230731	13.95
FC28064-4MSD	546381	8.45	415150	11.59	243910	13.95
FC28047-7 [e]	501646	8.45	378691	11.59	205670	13.95
FC28047-9	492444	8.45	374622	11.59	198451	13.95
FC28047-10	478945	8.45	365970	11.59	196171	13.95
FC28047-11	465891	8.45	359975	11.59	192952	13.95
FC28047-12	453569	8.45	348309	11.59	188100	13.95
FC28047-13	444757	8.45	333283	11.59	181811	13.95
ZZZZZZ	440829	8.45	339968	11.59	181331	13.95
ZZZZZZ	425505	8.45	322734	11.59	177252	13.95
ZZZZZZ	425900	8.45	324307	11.59	176707	13.95
V5E2326-ECC2317	471388	8.45	357635	11.59	215121	13.95

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Initial Cal is: V5E2317-ICC2317 5E52183.D 09/17/25 18:57
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.
(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.

Internal Standard Area Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	V5E2326-CC2317	**Injection Date:**	09/30/25
Lab File ID:	5E52469.D	**Injection Time:**	12:41
Instrument ID:	GCMS5E	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(e) Sample was treated with an anti-foaming agent.

Surrogate Recovery Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
FC28047-1	5E52479.D	108	123 [a]	100	106
FC28047-1	2A68174.D	100	116	101	96
FC28047-2	5E52480.D	109	119 [a]	98	106
FC28047-2	2A68175.D	100	113	104	96
FC28047-3	5E52481.D	111	124 [a]	98	108
FC28047-3	2A68176.D	101	114	104	97
FC28047-4	5E52482.D	109	123 [a]	98	105
FC28047-4	2A68177.D	100	114	104	96
FC28047-5	5E52483.D	107	122 [b]	102	102
FC28047-5	2A68178.D	100	114	104	96
FC28047-6	5E52484.D	109	122 [b]	99	107
FC28047-6	2A68179.D	100	116	101	96
FC28047-7	5E52489.D	106	115	97	107
FC28047-7	2A68180.D	100	114	102	94
FC28047-8	1O95842.D	96	91	97	98
FC28047-8	2A68171.D	101	116	103	97
FC28047-9	5E52490.D	107	117	97	105
FC28047-9	2A68181.D	100	116	103	97
FC28047-10	5E52491.D	108	120 [a]	98	104
FC28047-10	2A68182.D	102	116	102	96
FC28047-11	5E52492.D	110	122 [a]	97	103
FC28047-11	2A68183.D	101	115	103	95
FC28047-12	5E52493.D	109	121 [a]	97	103
FC28047-12	2A68184.D	101	115	103	96
FC28047-13	5E52494.D	111	122 [a]	100	103
FC28047-13	2A68185.D	99	114	102	96
FC28047-14	1O95843.D	96	90	99	100
FC28047-14	2A68168.D	100	114	104	97
FC28047-8MS	2A68190.D	102	119	101	99
FC28047-8MSD	2A68191.D	100	118	102	96
FC28064-4MS	5E52485.D	105	124	99	101
FC28064-4MSD	5E52486.D	106	117	101	100
FC28123-15MS	1O95858.D	104	102	97	99
FC28123-15MSD	1O95859.D	102	95	93	96
V1O4417-BS	1O95834.D	95	93	100	99
V1O4417-MB	1O95836.D	95	89	97	97
V2A2341-BS	2A68164.D	100	118	102	96
V2A2341-MB	2A68166.D	101	113	102	92
V5E2326-BS	5E52470.D	104	113	100	101
V5E2326-MB	5E52473.D	105	114	97	104

Surrogate Recovery Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Method: SW846 8260D	**Matrix:** AQ

Samples and QC shown here apply to the above method

Surrogate Compounds	**Recovery Limits**

Surrogate Compounds	**Recovery Limits**
S1 = Dibromofluoromethane	83-118%
S2 = 1,2-Dichloroethane-D4	79-125%
S3 = Toluene-D8	85-112%
S4 = 4-Bromofluorobenzene	83-118%

(a) Outside DOD QSM control limits, sample is ND.
(b) Outside DOD QSM control limits.

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICC4414
Lab FileID: 1O95741.D

Response Factor Report MSVOA12-O

Method : C:\msdchem\1\met...O4414_09282025.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Sun Sep 28 12:03:11 2025
Response via : Initial Calibration

Calibration Files
1 =1O95736.D 2 =1O95738.D 3 =1O95739.D 4 =1O95740.D
5 =1O95741.D 6 =1O95742.D 7 =1O95743.D 8 =1O95737.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	----------ISTD----------									
2) Dichlorodifl	0.384	0.380	0.388	0.376	0.413	0.425	0.414	0.330	0.389	7.70
3) Chloromethan	0.267	0.271	0.255	0.245	0.258	0.258	0.257	0.246	0.257	3.48
4) 1,3-butadien	0.352	0.241	0.192	0.185	0.184	0.186	0.179	0.220	0.217	26.97
---- Linear regr., Force(0,0) ---- Coefficient = 0.9987										
Response Ratio = 0.00000 + 0.18489 *A										
5) Vinyl Chlori	0.248	0.267	0.274	0.258	0.273	0.278	0.270	0.224	0.262	6.94
6) Bromomethane		0.109	0.113	0.103	0.115	0.113	0.110	0.119	0.112	4.56
7) Chloroethane		0.073	0.073	0.063	0.066	0.064	0.065	0.077	0.069	8.01
8) Trichloroflu	0.401	0.386	0.385	0.360	0.391	0.333	0.265	0.336	0.357	12.65
9) Ethyl Ether	0.162	0.189	0.186	0.181	0.189	0.183	0.183	0.138	0.176	10.09
10) Ethanol		0.006	0.006	0.006	0.006	0.006	0.006	0.005	0.006	6.53
11) 1,2-Dichloro	0.268	0.249	0.264	0.239	0.255	0.250	0.241	0.189	0.244	10.11
12) 1,1-Dichloro	0.308	0.380	0.381	0.366	0.385	0.388	0.377	0.265	0.356	12.69
13) Freon 113	0.198	0.240	0.243	0.223	0.238	0.246	0.235	0.174	0.225	11.49
14) Carbon Disul	0.859	0.854	0.821	0.770	0.807	0.806	0.775	0.653	0.793	8.24
15) Iodomethane		0.164	0.157	0.167	0.200	0.218	0.217	0.215	0.191	14.38
16) Acrolein	0.077	0.065	0.061	0.059	0.060	0.062	0.061	0.058	0.063	9.83
17) Allyl chlori	0.360	0.277	0.271	0.267	0.264	0.272	0.261	0.234	0.276	13.28
18) Methylene Ch		0.308	0.299	0.272	0.286	0.279	0.272		0.286	5.11
19) Acetone	0.146	0.124	0.123	0.121	0.127	0.128	0.124	0.113	0.126	7.53
20) Methyl aceta	0.275	0.274	0.284	0.263	0.279	0.275	0.269	0.208	0.266	9.17
21) trans-1,2-Di	0.375	0.373	0.362	0.338	0.362	0.352	0.343	0.278	0.348	8.95
22) Hexane	0.191	0.194	0.174	0.162	0.162	0.170	0.165	0.146	0.170	9.38
23) Methyl Tert	0.746	0.795	0.793	0.768	0.801	0.793	0.790	0.618	0.763	8.03
24) Tert Butyl A	0.061	0.063	0.063	0.068	0.071	0.074	0.076	0.049	0.066	13.18
25) Acetonitrile	0.063	0.053	0.048	0.046	0.049	0.047	0.047	0.049	0.050	10.93
26) Di-isopropyl	0.610	0.665	0.684	0.649	0.684	0.681	0.670	0.524	0.646	8.57
27) Chloroprene	0.313	0.318	0.300	0.277	0.303	0.315	0.296	0.230	0.294	9.91
28) 1,1-Dichloro	0.462	0.451	0.442	0.417	0.438	0.435	0.423	0.337	0.426	9.07
29) Acrylonitril	0.110	0.109	0.107	0.104	0.107	0.109	0.108	0.085	0.105	8.03
30) ETBE	0.672	0.657	0.704	0.668	0.691	0.689	0.667	0.589	0.667	5.24
31) Vinyl acetat	0.585	0.555	0.550	0.543	0.551	0.557	0.548	0.478	0.546	5.55
32) cis-1,2-Dich	0.275	0.275	0.255	0.258	0.268	0.268	0.262	0.223	0.260	6.51
33) 2,2-Dichloro	0.468	0.419	0.422	0.410	0.430	0.436	0.432	0.309	0.416	11.17
34) Bromochlorom	0.137	0.105	0.127	0.112	0.110	0.107	0.104	0.092	0.112	12.77
35) Cyclohexane	0.380	0.369	0.369	0.345	0.379	0.376	0.366	0.272	0.357	10.08
36) Chloroform	0.500	0.470	0.488	0.478	0.492	0.494	0.485	0.380	0.473	8.19
37) Ethyl acetat	0.371	0.376	0.367	0.370	0.378	0.386	0.378	0.317	0.368	5.84
38) Tetrahydrofu	0.184	0.146	0.142	0.134	0.139	0.140	0.144	0.129	0.145	11.66
39) Dibromofluor	0.254	0.253	0.260	0.263	0.264	0.266	0.264	0.256	0.260	1.90
40) Carbon Tetra	0.253	0.304	0.294	0.286	0.310	0.325	0.334	0.219	0.291	13.13
41) 1,1,1-Trichl	0.370	0.412	0.404	0.397	0.427	0.428	0.423	0.300	0.395	10.88
42) 2-Butanone	0.218	0.203	0.193	0.195	0.203	0.204	0.204	0.171	0.199	6.85
43) 1,1-Dichloro	0.325	0.354	0.347	0.326	0.339	0.345	0.333	0.269	0.330	8.08

Initial Calibration Summary

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Sample: V1O4414-ICC4414
Lab FileID: 1O95741.D

44)	tert-Butyl f	0.150	0.171	0.164	0.170	0.180	0.187	0.185	0.135	0.168	10.66
45)	Propionitril	0.055	0.062	0.056	0.057	0.058	0.057	0.056	0.046	0.056	8.25
46)	Methacryloni	0.219	0.211	0.204	0.196	0.206	0.207	0.203	0.167	0.201	7.55
47)	Benzene	1.036	1.033	1.022	0.940	0.971	0.943	0.924	0.776	0.956	8.92
48)	TAME	0.324	0.340	0.357	0.369	0.398	0.416	0.448	0.290	0.368	13.96
49)	Isobutyl alc	0.024	0.023	0.023	0.024	0.026	0.027	0.027	0.019	0.024	10.80
50)	1,2-Dichloro	0.320	0.324	0.323	0.335	0.334	0.345	0.349	0.325	0.332	3.28
51)	1,2-Dichloro	0.373	0.371	0.382	0.361	0.369	0.358	0.353	0.297	0.358	7.33
52)	Tert Amyl Al	0.049	0.052	0.050	0.053	0.058	0.061	0.064	0.042	0.054	13.25
53)	Trichloroeth	0.292	0.283	0.282	0.262	0.274	0.275	0.265	0.211	0.268	9.28
54)	Methylcycloh	0.275	0.341	0.357	0.338	0.361	0.370	0.359	0.236	0.330	14.58
55)	Dibromometha	0.163	0.167	0.171	0.164	0.178	0.175	0.170	0.146	0.167	5.97
56)	1,2-Dichloro	0.243	0.237	0.241	0.222	0.236	0.235	0.228	0.174	0.227	9.86
57)	Bromodichlor	0.328	0.305	0.316	0.308	0.328	0.340	0.339	0.243	0.313	9.99
58)	Methyl metha	0.308	0.305	0.277	0.256	0.276	0.277	0.276	0.272	0.281	6.10
59)	1,4-Dioxane		0.006	0.006	0.006	0.007	0.007	0.007	0.005	0.006	13.31
60)	2-Chloroethy	0.147	0.167	0.164	0.166	0.169	0.172	0.168	0.131	0.160	8.79
61)	cis-1,3-Dich	0.355	0.367	0.374	0.372	0.393	0.407	0.406	0.284	0.370	10.64
62)	I Chlorobenzene-d5	----------ISTD----------									
63)	Toluene-d8	1.399	1.412	1.424	1.379	1.420	1.403	1.451	1.346	1.404	2.23
64)	Toluene	1.594	1.615	1.559	1.435	1.541	1.496	1.507	1.186	1.492	9.11
65)	2-Nitropropa	0.142	0.116	0.120	0.130	0.155	0.160	0.175	0.092	0.136	19.74

---- Quadratic regression ---- Coefficient = 0.9986
Response Ratio = -0.00196 + 0.12473 *A + 0.00512 *A^2

66)	4-Methyl-2-p	0.551	0.523	0.529	0.522	0.556	0.551	0.563	0.392	0.523	10.56
67)	trans-1,3-Di	0.540	0.555	0.555	0.534	0.584	0.575	0.581	0.392	0.540	11.59
68)	Tetrachloroe	0.323	0.343	0.349	0.302	0.328	0.317	0.318	0.233	0.314	11.43
69)	Ethyl methac	0.448	0.495	0.487	0.460	0.497	0.504	0.501	0.393	0.473	8.11
70)	1,1,2-Trichl	0.289	0.312	0.313	0.291	0.298	0.290	0.288	0.215	0.287	10.71
71)	Dibromochlor	0.252	0.253	0.274	0.283	0.309	0.325	0.340	0.172	0.276	19.17

---- Linear regr., Force(0,0) ---- Coefficient = 0.9958
Response Ratio = 0.00000 + 0.31939 *A

72)	1,3-Dichloro	0.566	0.627	0.609	0.575	0.619	0.615	0.609	0.467	0.586	8.96
73)	1,2-Dibromoe	0.432	0.366	0.376	0.352	0.374	0.368	0.373	0.290	0.366	10.61
74)	3,3-dimethyl	0.082	0.097	0.091	0.097	0.105	0.108	0.115	0.070	0.096	15.16

---- Linear regr., Force(0,0) ---- Coefficient = 0.9966
Response Ratio = 0.00000 + 0.10789 *A

75)	2-hexanone	0.568	0.602	0.594	0.592	0.626	0.636	0.662	0.455	0.592	10.59
76)	1-Chlorohexa	0.577	0.487	0.490	0.453	0.474	0.465	0.457	0.388	0.474	11.01
77)	Ethylbenzene	1.829	1.807	1.779	1.636	1.752	1.682	1.697	1.384	1.696	8.37
78)	Chlorobenzen	0.954	0.956	0.962	0.887	0.942	0.908	0.898	0.729	0.904	8.45
79)	1,1,1,2-Tetr	0.275	0.272	0.284	0.266	0.300	0.300	0.310	0.204	0.276	11.99
80)	m,p-Xylene	1.396	1.419	1.421	1.303	1.392	1.344	1.345	1.038	1.332	9.43
81)	o-Xylene	1.464	1.412	1.417	1.320	1.414	1.411	1.431	1.030	1.362	10.30
82)	Styrene	1.020	0.999	0.995	0.979	1.028	1.024	1.058	0.737	0.980	10.31
83)	Bromoform	0.083	0.142	0.150	0.146	0.175	0.190	0.205	0.101	0.149	28.00

---- Quadratic regression ---- Coefficient = 0.9992
Response Ratio = -0.00144 + 0.14722 *A + 0.02991 *A^2

84)	Isopropylben	1.525	1.562	1.569	1.457	1.566	1.557	1.571	1.096	1.488	10.95
85)	I 1,4-Dichlorobenzene-d	----------ISTD----------									
86)	4-Bromofluor	0.709	0.706	0.680	0.700	0.709	0.710	0.749	0.703	0.708	2.69
87)	cis-1,4-Dich		0.323	0.300	0.332	0.346	0.370	0.384		0.342	9.07
88)	n-Propylbenz	4.097	4.035	3.903	3.742	3.915	3.937	3.951	2.803	3.798	10.93
89)	Bromobenzene	0.794	0.763	0.725	0.695	0.715	0.726	0.738	0.524	0.710	11.42

Initial Calibration Summary

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90) 1,1,2,2-Tetr	1.219	1.159	1.172	1.172	1.226	1.249	1.284	0.899	1.172	10.09
91) 1,3,5-Trimet	2.574	2.693	2.714	2.609	2.750	2.784	2.733	1.900	2.595	11.15
92) 2-Chlorotolu	2.786	2.782	2.781	2.591	2.702	2.772	2.773	2.134	2.665	8.44
93) trans-1,4-Di	0.344	0.290	0.287	0.306	0.335	0.352	0.367	0.255	0.317	12.15
94) 1,2,3-Trichl	0.349	0.412	0.393	0.375	0.399	0.399	0.398	0.324	0.381	7.92
95) Cyclohexanon		0.059	0.057	0.064	0.067	0.069	0.073	0.064	0.065	8.43
96) 4-Chlorotolu	2.466	2.596	2.544	2.459	2.591	2.601	2.618	1.926	2.475	9.31
97) tert-Butylbe	1.762	1.580	1.597	1.527	1.622	1.627	1.622	1.293	1.579	8.44
98) a-Methyl sty									0.000	-1.00
99) 1,2,4-Trimet	2.717	2.671	2.673	2.621	2.742	2.761	2.766	1.908	2.607	11.00
100) Pentachloroe		0.271	0.269	0.305	0.320	0.349	0.357		0.312	11.98
101) sec-Butylben	3.101	3.150	3.069	2.927	3.072	3.081	3.082	2.205	2.961	10.53
102) 4-Isopropylt	2.376	2.638	2.469	2.457	2.624	2.591	2.566	1.846	2.446	10.59
103) 1,3-Dichloro	1.429	1.463	1.405	1.348	1.412	1.390	1.368	1.171	1.373	6.49
104) 1,2,3-Trimet	2.742	2.849	2.847	2.722	2.859	2.806	2.816	2.156	2.725	8.63
105) 1,4-Dichloro	1.582	1.503	1.436	1.378	1.397	1.388	1.369	1.232	1.410	7.29
106) n-Butylbenze	1.450	1.374	1.368	1.349	1.449	1.448	1.447	1.097	1.373	8.68
107) Benzyl Chlor		0.314	0.355	0.383	0.409	0.445	0.468	0.218	0.370	22.93

---- Quadratic regression ---- Coefficient = 0.9999
Response Ratio = -0.00675 + 0.37950 *A + 0.04689 *A^2

108) 1,2-Dichloro	1.414	1.363	1.371	1.307	1.316	1.317	1.307	1.048	1.305	8.48
109) 1,2-Dibromo-		0.235	0.261	0.280	0.304	0.328	0.348		0.292	14.46
110) Hexachlorobu		0.359	0.288	0.268	0.292	0.277	0.283	0.257	0.289	11.46
111) 1,2,4-Trichl	0.782	0.743	0.718	0.671	0.683	0.672	0.655	0.533	0.682	10.81
112) Naphthalene	2.974	2.604	2.590	2.608	2.720	2.638	2.623	2.116	2.609	9.04
113) 1,2,3-Trichl	0.694	0.577	0.576	0.552	0.580	0.543	0.526	0.416	0.558	13.69

(#) = Out of Range ### Number of calibration levels exceeded format ###

V1O4414_09282025.M Sun Sep 28 13:25:01 2025

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICV4414
Lab FileID: 1O95745.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\092825\1O95745.D Vial: 11
Acq On : 28 Sep 2025 12:19 pm Operator: jeniferw
Sample : ICV4414-5 Inst : MSVOA12-O
Misc : MS60010,V1O4414,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...O4414_09282025.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Sun Sep 28 12:03:11 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	102	0.00	4.07
2	Dichlorodifluoromethane	0.389	0.404	-3.9	99	0.00	1.25
3	Chloromethane	0.257	0.224	12.8	88	0.00	1.40
	----------	Amount	Calc.	%Drift		----------	
4	1,3-butadiene	40.000	26.727	33.2#	68	-0.01	1.47
	----------	AvgRF	CCRF	%Dev		----------	
5	Vinyl Chloride	0.262	0.259	1.1	96	0.00	1.46
6	Bromomethane	0.112	0.116	-3.6	102	0.00	1.70
7	Chloroethane		----------NA----------				
8	Trichlorofluoromethane	0.357	0.391	-9.5	101	0.00	1.89
9	Ethyl Ether	0.176	0.174	1.1	93	0.00	2.09
10	Ethanol	0.006	0.006	0.0	96	0.00	2.19
11	1,2-Dichlorotrifluoroetha	0.244	0.290	-18.9	116	0.00	2.22
12	1,1-Dichloroethene	0.356	0.358	-0.6	94	0.00	2.22
13	Freon 113	0.225	0.254	-12.9	108	0.00	2.25
14	Carbon Disulfide	0.793	0.728	8.2	92	0.00	2.24
15	Iodomethane	0.191	0.174	8.9	89	0.00	2.31
16	Acrolein	0.063	0.056	11.1	95	0.00	2.42
17	Allyl chloride		----------NA----------				
18	Methylene Chloride	0.286	0.273	4.5	97	0.00	2.57
19	Acetone	0.126	0.118	6.3	95	0.00	2.60
20	Methyl acetate	0.266	0.286	-7.5	104	0.00	2.67
21	trans-1,2-Dichloroethene	0.348	0.340	2.3	95	0.00	2.67
22	Hexane	0.170	0.175	-2.9	109	0.00	2.73
23	Methyl Tert Butyl Ether	0.763	0.809	-6.0	103	0.00	2.73
24	Tert Butyl Alcohol	0.066	0.064	3.0	92	0.00	2.78
25	Acetonitrile	0.050	0.044	12.0	92	0.00	2.87
26	Di-isopropyl ether	0.646	0.612	5.3	91	0.00	2.95
27	Chloroprene	0.294	0.274	6.8	92	0.00	3.02
28	1,1-Dichloroethane	0.426	0.412	3.3	96	0.00	3.03
29	Acrylonitrile		----------NA----------				
30	ETBE	0.667	0.648	2.8	95	0.00	3.16
31	Vinyl acetate	0.546	0.583	-6.8	107	0.00	3.17
32	cis-1,2-Dichloroethene	0.260	0.257	1.2	97	0.00	3.34
33	2,2-Dichloropropane	0.416	0.436	-4.8	103	0.00	3.40
34	Bromochloromethane	0.112	0.110	1.8	101	0.00	3.45
35	Cyclohexane	0.357	0.355	0.6	95	0.00	3.46
36	Chloroform	0.473	0.484	-2.3	100	0.00	3.49
37	Ethyl acetate	0.368	0.381	-3.5	102	0.00	3.54
38	Tetrahydrofuran	0.145	0.126	13.1	92	0.00	3.58

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39	S	Dibromofluoromethane	0.260	0.259	0.4	99	0.00	3.59
40		Carbon Tetrachloride	0.291	0.316	-8.6	104	0.00	3.58
41		1,1,1-Trichloroethane	0.395	0.422	-6.8	100	0.00	3.62
42		2-Butanone	0.199	0.190	4.5	95	0.00	3.65
43		1,1-Dichloropropene	0.330	0.361	-9.4	108	0.00	3.68
44		tert-Butyl formate	0.168	0.187	-11.3	106	0.00	3.74
45		Propionitrile	0.056	0.054	3.6	96	0.00	3.83
46		Methacrylonitrile	0.201	0.185	8.0	92	0.00	3.84
47		Benzene	0.956	0.927	3.0	97	0.00	3.83
48		TAME	0.368	0.368	0.0	94	0.00	3.98
49		Isobutyl alcohol	0.024	0.024	0.0	96	0.00	3.92
50	S	1,2-Dichloroethane-d4	0.332	0.338	-1.8	103	0.00	3.90
51		1,2-Dichloroethane	0.358	0.359	-0.3	99	0.00	3.94
52		Tert Amyl Alcohol	0.054	0.053	1.9	93	0.00	3.98
53		Trichloroethene	0.268	0.263	1.9	97	0.00	4.17
54		Methylcyclohexane	0.330	0.360	-9.1	101	0.00	4.17
55		Dibromomethane	0.167	0.172	-3.0	98	0.00	4.42
56		1,2-Dichloropropane	0.227	0.226	0.4	97	0.00	4.48
57		Bromodichloromethane	0.313	0.320	-2.2	99	0.00	4.51
58		Methyl methacrylate	0.281	0.228	18.9	84	0.00	4.59
59		1,4-Dioxane	0.006	0.006	0.0	92	0.00	4.63
60		2-Chloroethyl vinyl ether	0.160	0.171	-6.9	102	0.00	4.85
61		cis-1,3-Dichloropropene	0.370	0.389	-5.1	100	0.00	4.90
62	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00	6.07
63	S	Toluene-d8	1.404	1.431	-1.9	102	0.00	5.02
64		Toluene	1.492	1.499	-0.5	98	0.00	5.06
			Amount	Calc.	%Drift			
65		2-Nitropropane	200.000	229.433	-14.7	111	0.00	5.20
			AvgRF	CCRF	%Dev			
66		4-Methyl-2-pentanone	0.523	0.534	-2.1	97	0.00	5.29
67		trans-1,3-Dichloropropene	0.540	0.568	-5.2	98	0.00	5.32
68		Tetrachloroethene	0.314	0.319	-1.6	98	0.00	5.31
69		Ethyl methacrylate	0.473	0.521	-10.1	106	0.00	5.42
70		1,1,2-Trichloroethane	0.287	0.292	-1.7	99	0.00	5.43
			Amount	Calc.	%Drift			
71		Dibromochloromethane	40.000	39.556	1.1	103	0.00	5.56
			AvgRF	CCRF	%Dev			
72		1,3-Dichloropropane	0.586	0.617	-5.3	101	0.00	5.62
73		1,2-Dibromoethane	0.366	0.373	-1.9	101	0.00	5.72
			Amount	Calc.	%Drift			
74		3,3-dimethyl-1-butanol	2000.000	1819.251	9.0	94	0.00	5.83
			AvgRF	CCRF	%Dev			
75		2-hexanone	0.592	0.599	-1.2	97	0.00	5.85
76		1-Chlorohexane	0.474	0.473	0.2	101	0.00	6.06
77		Ethylbenzene	1.696	1.674	1.3	97	0.00	6.10
78		Chlorobenzene	0.904	0.946	-4.6	101	0.00	6.08
79		1,1,1,2-Tetrachloroethane	0.276	0.298	-8.0	101	0.00	6.12
80		m,p-Xylene	1.332	1.348	-1.2	98	0.00	6.20
81		o-Xylene	1.362	1.379	-1.2	99	0.00	6.51
82		Styrene	0.980	1.002	-2.2	98	0.00	6.55
			Amount	Calc.	%Drift			
83		Bromoform	40.000	39.354	1.6	96	0.00	6.57

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICV4414
Lab FileID: 1O95745.D

			AvgRF	CCRF	%Dev			
84		Isopropylbenzene	1.488	1.550	-4.2	100	0.00	6.74
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00	7.80
86	S	4-Bromofluorobenzene	0.708	0.699	1.3	99	0.00	6.96
87		cis-1,4-Dichloro-2-butene	0.342	0.354	-3.5	103	0.00	7.00
88		n-Propylbenzene	3.798	3.966	-4.4	102	0.00	7.06
89		Bromobenzene	0.710	0.705	0.7	99	0.00	7.04
90		1,1,2,2-Tetrachloroethane	1.172	1.199	-2.3	98	0.00	7.10
91		1,3,5-Trimethylbenzene	2.595	2.697	-3.9	99	0.00	7.21
92		2-Chlorotoluene	2.665	2.802	-5.1	104	0.00	7.18
93		trans-1,4-Dichloro-2-Bute	0.317	0.319	-0.6	96	0.00	7.24
94		1,2,3-Trichloropropane	0.381	0.394	-3.4	100	0.00	7.21
95		Cyclohexanone	0.065	0.062	4.6	94	0.00	7.24
96		4-Chlorotoluene	2.475	2.600	-5.1	101	0.00	7.31
97		tert-Butylbenzene	1.579	1.610	-2.0	100	0.00	7.45
98		a-Methyl styrene		----------NA----------				
99		1,2,4-Trimethylbenzene	2.607	2.834	-8.7	104	0.00	7.51
100		Pentachloroethane	0.312	0.362	-16.0	114	0.00	7.47
101		sec-Butylbenzene	2.961	2.987	-0.9	98	0.00	7.59
102		4-Isopropyltoluene	2.446	2.609	-6.7	100	0.00	7.69
103		1,3-Dichlorobenzene	1.373	1.391	-1.3	99	0.00	7.75
104		1,2,3-Trimethylbenzene	2.725	2.759	-1.2	97	0.00	7.83
105		1,4-Dichlorobenzene	1.410	1.408	0.1	102	0.00	7.81
106		n-Butylbenzene	1.373	1.469	-7.0	102	0.00	8.00
			Amount	Calc.	%Drift			
107		Benzyl Chloride	40.000	33.732	15.7	83	0.00	7.99
			AvgRF	CCRF	%Dev			
108		1,2-Dichlorobenzene	1.305	1.315	-0.8	101	0.00	8.12
109		1,2-Dibromo-3-Chloropropa	0.292	0.294	-0.7	97	0.00	8.68
110		Hexachlorobutadiene	0.289	0.326	-12.8	112	0.00	9.13
111		1,2,4-Trichlorobenzene	0.682	0.697	-2.2	103	0.00	9.15
112		Naphthalene	2.609	2.703	-3.6	100	0.00	9.36
113		1,2,3-Trichlorobenzene	0.558	0.590	-5.7	102	0.00	9.48

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1O95741.D V1O4414_09282025.M Sun Sep 28 13:19:01 2025

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICV4414
Lab FileID: 1O95746.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\092825\1O95746.D Vial: 12
Acq On : 28 Sep 2025 1:04 pm Operator: jeniferw
Sample : ICV4414-4 Inst : MSVOA12-O
Misc : MS60010,V1O4414,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...O4414_09282025.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Sun Sep 28 12:03:11 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	102	0.00	4.07
2	Dichlorodifluoromethane		----------NA----------				
3	Chloromethane		----------NA----------				
	---------- Amount	Calc.	%Drift	----------			
4	1,3-butadiene		----------NA----------				
	---------- AvgRF	CCRF	%Dev	----------			
5	Vinyl Chloride		----------NA----------				
6	Bromomethane		----------NA----------				
7	Chloroethane	0.069	0.082	-18.8	132	0.00	1.78
8	Trichlorofluoromethane		----------NA----------				
9	Ethyl Ether		----------NA----------				
10	Ethanol		----------NA----------				
11	1,2-Dichlorotrifluoroetha		----------NA----------				
12	1,1-Dichloroethene		----------NA----------				
13	Freon 113		----------NA----------				
14	Carbon Disulfide		----------NA----------				
15	Iodomethane		----------NA----------				
16	Acrolein		----------NA----------				
17	Allyl chloride	0.276	0.296	-7.2	113	0.00	2.51
18	Methylene Chloride		----------NA----------				
19	Acetone		----------NA----------				
20	Methyl acetate		----------NA----------				
21	trans-1,2-Dichloroethene		----------NA----------				
22	Hexane		----------NA----------				
23	Methyl Tert Butyl Ether		----------NA----------				
24	Tert Butyl Alcohol		----------NA----------				
25	Acetonitrile		----------NA----------				
26	Di-isopropyl ether		----------NA----------				
27	Chloroprene		----------NA----------				
28	1,1-Dichloroethane		----------NA----------				
29	Acrylonitrile	0.105	0.115	-9.5	112	0.00	3.05
30	ETBE		----------NA----------				
31	Vinyl acetate		----------NA----------				
32	cis-1,2-Dichloroethene		----------NA----------				
33	2,2-Dichloropropane		----------NA----------				
34	Bromochloromethane		----------NA----------				
35	Cyclohexane		----------NA----------				
36	Chloroform		----------NA----------				
37	Ethyl acetate		----------NA----------				
38	Tetrahydrofuran		----------NA----------				

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICV4414
Lab FileID: 1O95746.D

39	S	Dibromofluoromethane	0.260	0.261	-0.4	101	0.00	3.59
40		Carbon Tetrachloride		----------NA----------				
41		1,1,1-Trichloroethane		----------NA----------				
42		2-Butanone		----------NA----------				
43		1,1-Dichloropropene		----------NA----------				
44		tert-Butyl formate		----------NA----------				
45		Propionitrile		----------NA----------				
46		Methacrylonitrile		----------NA----------				
47		Benzene		----------NA----------				
48		TAME		----------NA----------				
49		Isobutyl alcohol		----------NA----------				
50	S	1,2-Dichloroethane-d4	0.332	0.328	1.2	100	0.00	3.90
51		1,2-Dichloroethane		----------NA----------				
52		Tert Amyl Alcohol		----------NA----------				
53		Trichloroethene		----------NA----------				
54		Methylcyclohexane		----------NA----------				
55		Dibromomethane		----------NA----------				
56		1,2-Dichloropropane		----------NA----------				
57		Bromodichloromethane		----------NA----------				
58		Methyl methacrylate		----------NA----------				
59		1,4-Dioxane		----------NA----------				
60		2-Chloroethyl vinyl ether		----------NA----------				
61		cis-1,3-Dichloropropene		----------NA----------				
62	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00	6.07
63	S	Toluene-d8	1.404	1.390	1.0	101	0.00	5.02
64		Toluene		----------NA----------				
		---------- Amount	Calc.	%Drift	----------			
65		2-Nitropropane		----------NA----------				
		---------- AvgRF	CCRF	%Dev	----------			
66		4-Methyl-2-pentanone		----------NA----------				
67		trans-1,3-Dichloropropene		----------NA----------				
68		Tetrachloroethene		----------NA----------				
69		Ethyl methacrylate		----------NA----------				
70		1,1,2-Trichloroethane		----------NA----------				
		---------- Amount	Calc.	%Drift	----------			
71		Dibromochloromethane		----------NA----------				
		---------- AvgRF	CCRF	%Dev	----------			
72		1,3-Dichloropropane		----------NA----------				
73		1,2-Dibromoethane		----------NA----------				
		---------- Amount	Calc.	%Drift	----------			
74		3,3-dimethyl-1-butanol		----------NA----------				
		---------- AvgRF	CCRF	%Dev	----------			
75		2-hexanone		----------NA----------				
76		1-Chlorohexane		----------NA----------				
77		Ethylbenzene		----------NA----------				
78		Chlorobenzene		----------NA----------				
79		1,1,1,2-Tetrachloroethane		----------NA----------				
80		m,p-Xylene		----------NA----------				
81		o-Xylene		----------NA----------				
82		Styrene		----------NA----------				
		---------- Amount	Calc.	%Drift	----------			
83		Bromoform		----------NA----------				

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4414-ICV4414
Lab FileID: 1O95746.D

			AvgRF	CCRF	%Dev			
84		Isopropylbenzene		----------NA----------				
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00	7.80
86	S	4-Bromofluorobenzene	0.708	0.684	3.4	102	0.00	6.96
87		cis-1,4-Dichloro-2-butene		----------NA----------				
88		n-Propylbenzene		----------NA----------				
89		Bromobenzene		----------NA----------				
90		1,1,2,2-Tetrachloroethane		----------NA----------				
91		1,3,5-Trimethylbenzene		----------NA----------				
92		2-Chlorotoluene		----------NA----------				
93		trans-1,4-Dichloro-2-Bute		----------NA----------				
94		1,2,3-Trichloropropane		----------NA----------				
95		Cyclohexanone		----------NA----------				
96		4-Chlorotoluene		----------NA----------				
97		tert-Butylbenzene		----------NA----------				
98		a-Methyl styrene		----------NA----------				
99		1,2,4-Trimethylbenzene		----------NA----------				
100		Pentachloroethane		----------NA----------				
101		sec-Butylbenzene		----------NA----------				
102		4-Isopropyltoluene		----------NA----------				
103		1,3-Dichlorobenzene		----------NA----------				
104		1,2,3-Trimethylbenzene		----------NA----------				
105		1,4-Dichlorobenzene		----------NA----------				
106		n-Butylbenzene		----------NA----------				

			Amount	Calc.	%Drift			
107		Benzyl Chloride		----------NA----------				

			AvgRF	CCRF	%Dev			
108		1,2-Dichlorobenzene		----------NA----------				
109		1,2-Dibromo-3-Chloropropa		----------NA----------				
110		Hexachlorobutadiene		----------NA----------				
111		1,2,4-Trichlorobenzene		----------NA----------				
112		Naphthalene		----------NA----------				
113		1,2,3-Trichlorobenzene		----------NA----------				

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1O95740.D V1O4414_09282025.M Sun Sep 28 13:22:18 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-CC4414
Lab FileID: 1O95833.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\093025\1O95833.D Vial: 2
Acq On : 30 Sep 2025 10:02 am Operator: jeniferw
Sample : CC4414-4 Inst : MSVOA12-O
Misc : MS60025,V1O4417,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...O4414_09282025.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Sun Sep 28 12:03:11 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	87	0.00	4.07
2	Dichlorodifluoromethane	0.389	0.365	6.2	85	0.00	1.25
3	Chloromethane	0.257	0.253	1.6	90	0.00	1.40
	----------	Amount	Calc.	%Drift	----------		
4	1,3-butadiene	25.000	28.434	-13.7	99	0.00	1.48
	----------	AvgRF	CCRF	%Dev	----------		
5	Vinyl Chloride	0.262	0.280	-6.9	95	0.00	1.46
6	Bromomethane	0.112	0.112	0.0	95	0.00	1.70
7	Chloroethane	0.069	0.066	4.3	91	0.00	1.79
8	Trichlorofluoromethane	0.357	0.377	-5.6	91	0.00	1.89
9	Ethyl Ether	0.176	0.174	1.1	84	0.00	2.10
10	Ethanol	0.006	0.006	0.0	95	0.00	2.20
11	1,2-Dichlorotrifluoroetha	0.244	0.241	1.2	88	0.00	2.23
12	1,1-Dichloroethene	0.356	0.357	-0.3	85	0.00	2.23
13	Freon 113	0.225	0.237	-5.3	93	0.00	2.25
14	Carbon Disulfide	0.793	0.615	22.4#	70	0.00	2.25
15	Iodomethane	0.191	0.293	-53.4#	153	0.00	2.32
16	Acrolein	0.063	0.036	42.9#	52	0.00	2.43
17	Allyl chloride	0.276	0.246	10.9	80	0.00	2.52
18	Methylene Chloride	0.286	0.266	7.0	85	0.00	2.58
19	Acetone	0.126	0.124	1.6	89	0.00	2.60
20	Methyl acetate	0.266	0.215	19.2	71	0.00	2.68
21	trans-1,2-Dichloroethene	0.348	0.332	4.6	86	0.00	2.68
22	Hexane	0.170	0.168	1.2	91	0.00	2.73
23	Methyl Tert Butyl Ether	0.763	0.705	7.6	80	0.00	2.74
24	Tert Butyl Alcohol	0.066	0.076	-15.2	97	0.00	2.79
25	Acetonitrile	0.050	0.049	2.0	93	0.00	2.87
26	Di-isopropyl ether	0.646	0.615	4.8	83	0.00	2.96
27	Chloroprene	0.294	0.284	3.4	89	0.00	3.02
28	1,1-Dichloroethane	0.426	0.407	4.5	85	0.00	3.03
29	Acrylonitrile	0.105	0.105	0.0	87	0.00	3.06
30	ETBE	0.667	0.636	4.6	83	0.00	3.17
31	Vinyl acetate	0.546	0.453	17.0	73	0.00	3.17
32	cis-1,2-Dichloroethene	0.260	0.259	0.4	88	0.00	3.34
33	2,2-Dichloropropane	0.416	0.380	8.7	81	0.00	3.40
34	Bromochloromethane	0.112	0.119	-6.2	93	0.00	3.46
35	Cyclohexane	0.357	0.344	3.6	87	0.00	3.46
36	Chloroform	0.473	0.461	2.5	84	0.00	3.49
37	Ethyl acetate	0.368	0.360	2.2	85	0.00	3.55
38	Tetrahydrofuran	0.145	0.128	11.7	84	0.00	3.58

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-CC4414
Lab FileID: 1O95833.D

39	S	Dibromofluoromethane	0.260	0.257	1.2	85	0.00	3.60
40		Carbon Tetrachloride	0.291	0.265	8.9	81	0.00	3.58
41		1,1,1-Trichloroethane	0.395	0.387	2.0	85	0.00	3.62
42		2-Butanone	0.199	0.195	2.0	87	0.00	3.66
43		1,1-Dichloropropene	0.330	0.315	4.5	84	0.00	3.69
44		tert-Butyl formate	0.168	0.137	18.5	70	0.00	3.74
45		Propionitrile	0.056	0.058	-3.6	90	0.00	3.83
46		Methacrylonitrile	0.201	0.205	-2.0	91	0.00	3.84
47		Benzene	0.956	0.963	-0.7	89	0.00	3.83
48		TAME	0.368	0.367	0.3	87	0.00	3.99
49		Isobutyl alcohol	0.024	0.024	0.0	87	0.00	3.93
50	S	1,2-Dichloroethane-d4	0.332	0.315	5.1	82	0.00	3.90
51		1,2-Dichloroethane	0.358	0.326	8.9	79	0.00	3.95
52		Tert Amyl Alcohol	0.054	0.055	-1.9	89	0.00	3.99
53		Trichloroethene	0.268	0.267	0.4	89	0.00	4.17
54		Methylcyclohexane	0.330	0.348	-5.5	90	0.00	4.17
55		Dibromomethane	0.167	0.166	0.6	88	0.00	4.42
56		1,2-Dichloropropane	0.227	0.213	6.2	84	0.00	4.48
57		Bromodichloromethane	0.313	0.278	11.2	79	0.00	4.51
58		Methyl methacrylate	0.281	0.237	15.7	81	0.00	4.59
59		1,4-Dioxane	0.006	0.007	-16.7	103	0.00	4.63
60		2-Chloroethyl vinyl ether	0.160	0.163	-1.9	86	0.00	4.85
61		cis-1,3-Dichloropropene	0.370	0.358	3.2	84	0.00	4.90
62	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00	6.07
63	S	Toluene-d8	1.404	1.394	0.7	89	0.00	5.03
64		Toluene	1.492	1.467	1.7	90	0.00	5.06
			Amount	Calc.	%Drift			
65		2-Nitropropane	125.000	94.138	24.7#	68	0.00	5.20
			AvgRF	CCRF	%Dev			
66		4-Methyl-2-pentanone	0.523	0.510	2.5	86	0.00	5.29
67		trans-1,3-Dichloropropene	0.540	0.509	5.7	84	0.00	5.32
68		Tetrachloroethene	0.314	0.319	-1.6	93	0.00	5.31
69		Ethyl methacrylate	0.473	0.446	5.7	85	0.00	5.42
70		1,1,2-Trichloroethane	0.287	0.279	2.8	84	0.00	5.43
			Amount	Calc.	%Drift			
71		Dibromochloromethane	25.000	20.463	18.1	81	0.00	5.56
			AvgRF	CCRF	%Dev			
72		1,3-Dichloropropane	0.586	0.577	1.5	88	0.00	5.62
73		1,2-Dibromoethane	0.366	0.352	3.8	88	0.00	5.72
			Amount	Calc.	%Drift			
74		3,3-dimethyl-1-butanol	1250.000	1115.424	10.8	87	0.00	5.83
			AvgRF	CCRF	%Dev			
75		2-hexanone	0.592	0.577	2.5	85	0.00	5.85
76		1-Chlorohexane	0.474	0.453	4.4	88	0.00	6.06
77		Ethylbenzene	1.696	1.600	5.7	86	0.00	6.10
78		Chlorobenzene	0.904	0.917	-1.4	91	0.00	6.08
79		1,1,1,2-Tetrachloroethane	0.276	0.262	5.1	86	0.00	6.12
80		m,p-Xylene	1.332	1.243	6.7	84	0.00	6.20
81		o-Xylene	1.362	1.245	8.6	83	0.00	6.51
82		Styrene	0.980	0.936	4.5	84	0.00	6.55
			Amount	Calc.	%Drift			
83		Bromoform	25.000	23.320	6.7	88	0.00	6.57

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-CC4414
Lab FileID: 1O95833.D

			AvgRF	CCRF	%Dev			
84		Isopropylbenzene	1.488	1.445	2.9	87	0.00	6.74
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00	7.81
86	S	4-Bromofluorobenzene	0.708	0.717	-1.3	88	0.00	6.96
87		cis-1,4-Dichloro-2-butene	0.342	0.294	14.0	76	0.00	7.00
88		n-Propylbenzene	3.798	3.798	0.0	87	0.00	7.06
89		Bromobenzene	0.710	0.716	-0.8	88	0.00	7.04
90		1,1,2,2-Tetrachloroethane	1.172	1.257	-7.3	92	0.00	7.10
91		1,3,5-Trimethylbenzene	2.595	2.591	0.2	85	0.00	7.21
92		2-Chlorotoluene	2.665	2.624	1.5	87	0.00	7.18
93		trans-1,4-Dichloro-2-Bute	0.317	0.264	16.7	74	0.00	7.24
94		1,2,3-Trichloropropane	0.381	0.402	-5.5	92	0.00	7.21
95		Cyclohexanone	0.065	0.067	-3.1	89	0.00	7.24
96		4-Chlorotoluene	2.475	2.461	0.6	86	0.00	7.31
97		tert-Butylbenzene	1.579	1.460	7.5	82	0.00	7.45
98		a-Methyl styrene		----------NA----------				
99		1,2,4-Trimethylbenzene	2.607	2.580	1.0	84	0.00	7.51
100		Pentachloroethane	0.312	0.290	7.1	82	0.00	7.47
101		sec-Butylbenzene	2.961	2.996	-1.2	88	0.00	7.59
102		4-Isopropyltoluene	2.446	2.480	-1.4	87	0.00	7.70
103		1,3-Dichlorobenzene	1.373	1.380	-0.5	88	0.00	7.75
104		1,2,3-Trimethylbenzene	2.725	2.692	1.2	85	0.00	7.83
105		1,4-Dichlorobenzene	1.410	1.395	1.1	87	0.00	7.82
106		n-Butylbenzene	1.373	1.361	0.9	86	0.00	8.00
			Amount	Calc.	%Drift			
107		Benzyl Chloride	25.000	22.017	11.9	76	0.00	7.99
			AvgRF	CCRF	%Dev			
108		1,2-Dichlorobenzene	1.305	1.307	-0.2	86	0.00	8.12
109		1,2-Dibromo-3-Chloropropa	0.292	0.262	10.3	80	0.00	8.68
110		Hexachlorobutadiene	0.289	0.278	3.8	89	0.00	9.13
111		1,2,4-Trichlorobenzene	0.682	0.614	10.0	78	0.00	9.15
112		Naphthalene	2.609	2.268	13.1	75	0.00	9.36
113		1,2,3-Trichlorobenzene	0.558	0.478	14.3	74	0.00	9.49

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1O95740.D V1O4414_09282025.M Tue Sep 30 10:16:58 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-ECC4414
Lab FileID: 1O95860.D

Evaluate Continuing Calibration Report

Data File : X:\Orlando VOA\carlo...BER\V1O4471\1O95860.d Vial: 29
Acq On : 30 Sep 2025 5:42 pm Operator: jeniferw
Sample : ECC4414-4 Inst : MSVOA12-O
Misc : MS60038,V1O4417,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : X:\Orlando VOA\c...O4414_09282025.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Sun Sep 28 12:03:11 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	85	0.00	4.07
2	Dichlorodifluoromethane	0.389	0.349	10.3	79	0.00	1.25
3	Chloromethane	0.257	0.263	-2.3	91	0.00	1.40
	----------	True	Calc.	% Drift	----------		
4	1,3-butadiene	25.000	30.404	-21.6	103	0.00	1.48
	----------	AvgRF	CCRF	% Dev	----------		
5	Vinyl Chloride	0.262	0.275	-5.0	90	0.00	1.46
6	Bromomethane	0.112	0.138	-23.2	114	0.00	1.70
7	Chloroethane	0.069	0.085	-23.2	114	0.00	1.79
8	Trichlorofluoromethane	0.357	0.340	4.8	80	0.00	1.89
9	Ethyl Ether	0.176	0.150	14.8	70	0.00	2.10
10	Ethanol	0.006	0.005	16.7	74	0.04	2.23
11	1,2-Dichlorotrifluoroetha	0.244	0.211	13.5	75	0.00	2.22
12	1,1-Dichloroethene	0.356	0.340	4.5	79	0.00	2.23
13	Freon 113	0.225	0.196	12.9	74	0.00	2.25
14	Carbon Disulfide	0.793	0.577	27.2	64	0.00	2.25
15	Iodomethane	0.191	0.263	-37.7	133	0.00	2.31
16	Acrolein	0.063	0.038	39.7	54	0.00	2.43
17	Allyl chloride	0.276	0.243	12.0	77	0.00	2.52
18	Methylene Chloride	0.286	0.262	8.4	81	0.00	2.58
19	Acetone	0.126	0.114	9.5	80	0.00	2.61
20	Methyl acetate	0.266	0.229	13.9	74	0.00	2.68
21	trans-1,2-Dichloroethene	0.348	0.334	4.0	84	0.00	2.68
22	Hexane	0.170	0.149	12.4	78	0.00	2.73
23	Methyl Tert Butyl Ether	0.763	0.749	1.8	83	0.00	2.75
24	Tert Butyl Alcohol	0.066	0.085	-28.8	105	0.02	2.80
25	Acetonitrile	0.050	0.045	10.0	83	0.00	2.89
26	Di-isopropyl ether	0.646	0.657	-1.7	86	0.00	2.96
27	Chloroprene	0.294	0.282	4.1	86	0.00	3.02
28	1,1-Dichloroethane	0.426	0.421	1.2	85	0.00	3.04
29	Acrylonitrile	0.105	0.107	-1.9	87	0.00	3.06
30	ETBE	0.667	0.662	0.7	84	0.00	3.17
31	Vinyl acetate	0.546	0.494	9.5	77	0.00	3.17
32	cis-1,2-Dichloroethene	0.260	0.237	8.8	78	0.00	3.34
33	2,2-Dichloropropane	0.416	0.373	10.3	77	0.00	3.40
34	Bromochloromethane	0.112	0.115	-2.7	87	0.00	3.46
35	Cyclohexane	0.357	0.325	9.0	80	0.00	3.46
36	Chloroform	0.473	0.470	0.6	83	0.00	3.49
37	Ethyl acetate	0.368	0.387	-5.2	88	0.00	3.56
38	Tetrahydrofuran	0.145	0.134	7.6	85	0.00	3.59

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-ECC4414
Lab FileID: 1O95860.D

39	S	Dibromofluoromethane	0.260	0.265	-1.9	86	0.00	3.60
40		Carbon Tetrachloride	0.291	0.261	10.3	77	0.00	3.59
41		1,1,1-Trichloroethane	0.395	0.384	2.8	82	0.00	3.62
42		2-Butanone	0.199	0.200	-0.5	87	0.00	3.67
43		1,1-Dichloropropene	0.330	0.311	5.8	81	0.00	3.69
44		tert-Butyl formate	0.168	0.134	20.2	67	0.00	3.75
45		Propionitrile	0.056	0.059	-5.4	89	0.00	3.84
46		Methacrylonitrile	0.201	0.206	-2.5	89	0.00	3.85
47		Benzene	0.956	0.943	1.4	85	0.00	3.84
48		TAME	0.368	0.352	4.3	81	0.01	4.00
49		Isobutyl alcohol	0.024	0.024	0.0	83	0.01	3.94
50	S	1,2-Dichloroethane-d4	0.332	0.336	-1.2	85	0.00	3.91
51		1,2-Dichloroethane	0.358	0.349	2.5	82	0.00	3.95
52		Tert Amyl Alcohol	0.054	0.053	1.9	85	0.01	4.00
53		Trichloroethene	0.268	0.253	5.6	82	0.00	4.17
54		Methylcyclohexane	0.330	0.318	3.6	80	0.00	4.18
55		Dibromomethane	0.167	0.168	-0.6	87	0.00	4.43
56		1,2-Dichloropropane	0.227	0.227	0.0	87	0.00	4.48
57		Bromodichloromethane	0.313	0.286	8.6	79	0.00	4.52
58		Methyl methacrylate	0.281	0.252	10.3	83	0.00	4.60
59		1,4-Dioxane	0.006	0.006	0.0	79	0.02	4.66
60		2-Chloroethyl vinyl ether	0.160	0.154	3.8	79	0.00	4.86
61		cis-1,3-Dichloropropene	0.370	0.336	9.2	77	0.00	4.91
62	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00	6.07
63	S	Toluene-d8	1.404	1.337	4.8	85	0.00	5.03
64		Toluene	1.492	1.366	8.4	84	0.00	5.06
			True	Calc.	% Drift			
65		2-Nitropropane	125.000	85.793	31.4	61	0.00	5.21
			AvgRF	CCRF	% Dev			
66		4-Methyl-2-pentanone	0.523	0.518	1.0	87	0.00	5.29
67		trans-1,3-Dichloropropene	0.540	0.474	12.2	78	0.00	5.32
68		Tetrachloroethene	0.314	0.336	-7.0	98	0.00	5.32
69		Ethyl methacrylate	0.473	0.415	12.3	80	0.00	5.42
70		1,1,2-Trichloroethane	0.287	0.274	4.5	83	0.00	5.43
			True	Calc.	% Drift			
71		Dibromochloromethane	25.000	18.214	27.1	72	0.00	5.56
			AvgRF	CCRF	% Dev			
72		1,3-Dichloropropane	0.586	0.549	6.3	84	0.00	5.62
73		1,2-Dibromoethane	0.366	0.342	6.6	86	0.00	5.73
			True	Calc.	% Drift			
74		3,3-dimethyl-1-butanol	1250.000	1133.032	9.4	88	0.00	5.84
			AvgRF	CCRF	% Dev			
75		2-hexanone	0.592	0.583	1.5	87	0.00	5.85
76		1-Chlorohexane	0.474	0.371	21.7	72	0.00	6.06
77		Ethylbenzene	1.696	1.526	10.0	82	0.00	6.10
78		Chlorobenzene	0.904	0.868	4.0	86	0.00	6.09
79		1,1,1,2-Tetrachloroethane	0.276	0.236	14.5	78	0.00	6.13
80		m,p-Xylene	1.332	1.178	11.6	80	0.00	6.20
81		o-Xylene	1.362	1.153	15.3	77	0.00	6.51
82		Styrene	0.980	0.917	6.4	82	0.00	6.55
			True	Calc.	% Drift			
83		Bromoform	25.000	18.594	25.6	69	0.00	6.57

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V1O4417-ECC4414
Lab FileID: 1O95860.D

			AvgRF	CCRF	% Dev			
84		Isopropylbenzene	1.488	1.318	11.4	80	0.00	6.74
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00	7.81
86	S	4-Bromofluorobenzene	0.708	0.700	1.1	88	0.00	6.96
87		cis-1,4-Dichloro-2-butene	0.342	0.233	31.9	62	0.00	7.00
88		n-Propylbenzene	3.798	3.452	9.1	81	0.00	7.06
89		Bromobenzene	0.710	0.689	3.0	87	0.00	7.04
90		1,1,2,2-Tetrachloroethane	1.172	1.197	-2.1	90	0.00	7.10
91		1,3,5-Trimethylbenzene	2.595	2.350	9.4	79	0.00	7.21
92		2-Chlorotoluene	2.665	2.404	9.8	82	0.00	7.18
93		trans-1,4-Dichloro-2-Bute	0.317	0.237	25.2	68	0.00	7.24
94		1,2,3-Trichloropropane	0.381	0.374	1.8	88	0.00	7.21
95		Cyclohexanone	0.065	0.063	3.1	87	0.00	7.25
96		4-Chlorotoluene	2.475	2.237	9.6	80	0.00	7.31
97		tert-Butylbenzene	1.579	1.308	17.2	75	0.00	7.45
98		a-Methyl styrene		----------NA----------				
99		1,2,4-Trimethylbenzene	2.607	2.328	10.7	78	0.00	7.51
100		Pentachloroethane	0.312	0.211	32.4	61	0.00	7.48
101		sec-Butylbenzene	2.961	2.663	10.1	80	0.00	7.59
102		4-Isopropyltoluene	2.446	2.141	12.5	77	0.00	7.70
103		1,3-Dichlorobenzene	1.373	1.281	6.7	84	0.00	7.75
104		1,2,3-Trimethylbenzene	2.725	2.439	10.5	79	0.00	7.84
105		1,4-Dichlorobenzene	1.410	1.311	7.0	84	0.00	7.82
106		n-Butylbenzene	1.373	1.156	15.8	75	0.00	8.01
			True	Calc.	% Drift			
107		Benzyl Chloride	25.000	17.939	28.2	62	0.00	8.00
			AvgRF	CCRF	% Dev			
108		1,2-Dichlorobenzene	1.305	1.169	10.4	79	0.00	8.12
109		1,2-Dibromo-3-Chloropropa	0.292	0.215	26.4	68	0.00	8.68
110		Hexachlorobutadiene	0.289	0.224	22.5	74	0.00	9.13
111		1,2,4-Trichlorobenzene	0.682	0.489	28.3	64	0.00	9.15
112		Naphthalene	2.609	1.941	25.6	65	0.00	9.37
113		1,2,3-Trichlorobenzene	0.558	0.378	32.3	60	0.00	9.49

(#) = Out of Range SPCC's out = 0 CCC's out = 0
1O95740.D V1O4414_09282025.M Tue Sep 30 22:47:43 2025

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICC2301
Lab FileID: 2A67134.D

Response Factor Report MSVOA17-1A_2A

Method : C:\msdchem\1\met...A2301_08172025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Aug 18 07:01:44 2025
Response via : Initial Calibration

Calibration Files
1 =2A67129.D 2 =2A67131.D 3 =2A67132.D 4 =2A67133.D
5 =2A67134.D 6 =2A67135.D 7 =2A67136.D 8 =2A67130.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	----------ISTD----------									
2) Dichlorodifl	0.372	0.376	0.376	0.360	0.364	0.356	0.349	0.388	0.368	3.47
3) Chloromethan	0.440	0.404	0.396	0.362	0.367	0.354	0.344	0.407	0.384	8.51
4) 1,3-butadien	0.268	0.292	0.282	0.271	0.275	0.270	0.265	0.264	0.273	3.43
---- Linear regr., Force(0,0) ---- Coefficient = 0.9996										
Response Ratio = 0.00000 + 0.26951 *A										
5) Vinyl Chlori	0.381	0.369	0.366	0.337	0.351	0.339	0.336	0.367	0.356	4.87
6) Bromomethane		0.197	0.187	0.185	0.194	0.202	0.207		0.195	4.44
7) Chloroethane	0.321	0.292	0.285	0.271	0.277	0.256		0.294	0.285	7.23
8) Trichloroflu	0.508	0.486	0.489	0.469	0.497	0.511	0.546	0.489	0.499	4.62
9) Ethyl Ether	0.200	0.215	0.217	0.217	0.217	0.217	0.226	0.226	0.217	3.65
10) Ethanol			0.004	0.004	0.004	0.004	0.004		0.004	3.36
---- Linear regr., Force(0,0) ---- Coefficient = 0.9998										
Response Ratio = 0.00000 + 0.00392 *A										
11) 1,2-Dichloro	0.238	0.309	0.293	0.279	0.298	0.290	0.288	0.288	0.285	7.36
12) 1,1-Dichloro	0.359	0.411	0.407	0.400	0.411	0.405	0.393	0.416	0.400	4.51
13) Freon 113	0.140	0.246	0.237	0.231	0.245	0.239	0.230	0.211	0.222	15.76
---- Linear regr., Force(0,0) ---- Coefficient = 0.9990										
Response Ratio = 0.00000 + 0.23525 *A										
14) Carbon Disul	0.703	0.654	0.591	0.579	0.600	0.585	0.578	0.633	0.615	7.29
15) Iodomethane		0.154	0.179	0.216	0.254	0.249	0.244		0.216	19.20
---- Linear regr., Force(0,0) ---- Coefficient = 0.9979										
Response Ratio = 0.00000 + 0.23974 *A										
16) Acrolein	0.047	0.053	0.054	0.054	0.057	0.057	0.060	0.053	0.055	6.69
17) Allyl chlori	0.401	0.366	0.353	0.340	0.347	0.345	0.341	0.366	0.357	5.73
18) Methylene Ch		0.409	0.383	0.356	0.354	0.342	0.339		0.364	7.38
19) Acetone	0.117	0.105	0.105	0.101	0.101	0.098	0.094	0.110	0.104	6.82
20) Methyl aceta	0.246	0.249	0.246	0.249	0.247	0.244	0.241	0.256	0.247	1.72
21) trans-1,2-Di	0.389	0.389	0.376	0.358	0.368	0.360	0.358	0.389	0.373	3.82
22) Hexane		0.208	0.207	0.207	0.217	0.212	0.208	0.194	0.208	3.44
---- Linear regr., Force(0,0) ---- Coefficient = 0.9997										
Response Ratio = 0.00000 + 0.21041 *A										
23) Methyl Tert	0.599	0.646	0.650	0.642	0.657	0.651	0.661	0.648	0.644	3.00
24) Acetonitrile		0.043	0.038	0.036	0.035	0.033	0.030	0.051	0.038	18.20
---- Linear regr., Force(0,0) ---- Coefficient = 0.9967										
Response Ratio = 0.00000 + 0.03295 *A										
25) Tert Butyl A	0.032	0.041	0.042	0.044	0.047	0.049	0.047	0.039	0.043	12.49
26) Di-isopropyl	0.729	0.732	0.738	0.722	0.741	0.726	0.738	0.747	0.734	1.13
27) Chloroprene	1.040	1.028	1.057	1.057	1.053	1.044	1.042	1.047	1.046	0.93
28) 1,1-Dichloro	0.537	0.484	0.459	0.453	0.463	0.456	0.456	0.461	0.471	6.02

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICC2301
Lab FileID: 2A67134.D

29)	Acrylonitril	0.119	0.124	0.127	0.129	0.129	0.128	0.129	0.127	0.127	2.66
30)	ETBE	0.709	0.735	0.739	0.725	0.745	0.741	0.764	0.731	0.736	2.14
31)	Vinyl acetat	0.487	0.530	0.554	0.563	0.571	0.586	0.610	0.527	0.554	6.95
32)	cis-1,2-Dich	0.278	0.251	0.253	0.250	0.252	0.248	0.246	0.257	0.254	3.93
33)	2,2-Dichloro	0.332	0.351	0.338	0.338	0.355	0.352	0.353	0.353	0.347	2.55
34)	Bromochlorom	0.079	0.116	0.114	0.111	0.113	0.107	0.106	0.111	0.107	11.09
35)	Cyclohexane	0.271	0.399	0.403	0.396	0.413	0.407	0.405	0.401	0.387	12.21
36)	Chloroform	0.513	0.455	0.433	0.433	0.438	0.433	0.434	0.488	0.453	6.76
37)	Ethyl acetat	0.295	0.309	0.315	0.317	0.319	0.328	0.332	0.311	0.316	3.70
38)	Tetrahydrofu		0.122	0.124	0.113	0.117	0.108	0.109	0.134	0.118	7.74
39)	Dibromofluor	0.284	0.279	0.282	0.282	0.284	0.279	0.279	0.282	0.281	0.71
40)	Carbon Tetra	0.236	0.269	0.275	0.267	0.304	0.296	0.295	0.296	0.280	8.04
41)	1,1,1-Trichl	0.353	0.358	0.358	0.350	0.367	0.359	0.362	0.355	0.358	1.47
42)	2-Butanone	0.179	0.163	0.166	0.163	0.165	0.164	0.163	0.169	0.166	3.25
43)	1,1-Dichloro	0.276	0.298	0.287	0.293	0.300	0.293	0.296	0.303	0.293	2.89
44)	tert-Butyl f		0.178	0.183	0.205	0.213	0.224	0.240	0.170	0.202	12.79
45)	Propionitril	0.048	0.052	0.053	0.051	0.050	0.050	0.049	0.051	0.050	2.98
46)	Methacryloni	0.176	0.180	0.177	0.175	0.175	0.182	0.192	0.180	0.180	3.04
47)	Benzene	1.082	0.944	0.966	0.931	0.944	0.945	0.966	0.966	0.968	4.95
48)	TAME	0.560	0.589	0.600	0.598	0.616	0.627	0.653	0.579	0.603	4.81
49)	1,2-Dichloro	0.344	0.350	0.352	0.349	0.340	0.339	0.345	0.351	0.346	1.48
50)	1,2-Dichloro	0.327	0.331	0.330	0.320	0.333	0.332	0.342	0.354	0.334	3.09
51)	Isobutyl Alc	0.023	0.022	0.022	0.023	0.024	0.024	0.023	0.025	0.023	3.79
52)	Tert Amyl Al		0.032	0.034	0.035	0.037	0.040	0.039	0.031	0.036	9.94
53)	Trichloroeth	0.294	0.259	0.253	0.246	0.253	0.251	0.251	0.255	0.258	5.92
54)	Methylcycloh	0.200	0.326	0.334	0.353	0.378	0.380	0.384	0.318	0.334	17.93

---- Linear regr., Force(0,0) ---- Coefficient = 0.9992
Response Ratio = 0.00000 + 0.37446 *A

55)	Dibromometha	0.149	0.143	0.151	0.148	0.153	0.151	0.158	0.143	0.149	3.42
56)	1,2-Dichloro	0.249	0.240	0.250	0.245	0.248	0.247	0.250	0.231	0.245	2.69
57)	Bromodichlor	0.286	0.272	0.279	0.287	0.299	0.303	0.315	0.283	0.291	4.85
58)	Methyl metha		0.225	0.225	0.213	0.221	0.224	0.234		0.224	3.00
59)	1,4-Dioxane			0.002	0.003	0.003	0.003	0.003		0.003	10.41
60)	2-Chloroethy	0.145	0.164	0.163	0.173	0.170	0.171	0.175	0.154	0.164	6.31
61)	cis-1,3-Dich	0.279	0.321	0.331	0.337	0.354	0.357	0.371	0.313	0.333	8.73
62)	I Chlorobenzene-d5					----------ISTD----------					
63)	Toluene-d8	1.302	1.296	1.303	1.280	1.282	1.294	1.293	1.304	1.294	0.71
64)	Toluene	1.593	1.379	1.347	1.309	1.349	1.341	1.350	1.451	1.390	6.62
65)	2-Nitropropa	0.060	0.060	0.061	0.062	0.071	0.080	0.085	0.055	0.067	16.21

---- Quadratic regression ---- Coefficient = 0.9994
Response Ratio = -0.00039 + 0.05931 *A + 0.00271 *A^2

66)	4-Methyl-2-p	0.421	0.422	0.434	0.427	0.433	0.445	0.451	0.414	0.431	2.91
67)	trans-1,3-Di	0.377	0.410	0.427	0.437	0.456	0.475	0.489	0.380	0.431	9.56
68)	Tetrachloroe	0.344	0.360	0.367	0.352	0.370	0.373	0.370	0.366	0.363	2.81
69)	Ethyl methac		0.343	0.342	0.351	0.369	0.384	0.400		0.365	6.50
70)	1,1,2-Trichl	0.196	0.249	0.237	0.236	0.242	0.248	0.250	0.243	0.238	7.41
71)	Dibromochlor	0.225	0.246	0.249	0.268	0.287	0.302	0.316	0.233	0.266	12.46
72)	1,3-Dichloro	0.457	0.482	0.484	0.474	0.486	0.488	0.497	0.490	0.482	2.50
73)	1,2-Dibromoe	0.269	0.318	0.304	0.303	0.306	0.314	0.317	0.267	0.300	6.85
74)	3,3-Dimethyl	0.033	0.040	0.044	0.051	0.054	0.062	0.068	0.038	0.049	25.14

---- Quadratic regression ---- Coefficient = 0.9998
Response Ratio = -0.01536 + 0.04474 *A + 0.00024 *A^2

75)	2-hexanone	0.348	0.363	0.382	0.389	0.401	0.431	0.452	0.359	0.391	9.26
76)	1-Chlorohexa	0.466	0.482	0.443	0.430	0.466	0.458	0.457	0.454	0.457	3.41
77)	Ethylbenzene	1.668	1.536	1.515	1.500	1.544	1.543	1.567	1.508	1.548	3.45
78)	Chlorobenzen	0.852	0.849	0.856	0.819	0.857	0.849	0.864	0.821	0.846	1.96

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICC2301
Lab FileID: 2A67134.D

79)	1,1,1,2-Tetr	0.261	0.245	0.259	0.269	0.294	0.302	0.310	0.236	0.272	9.96
80)	m,p-Xylene	1.325	1.204	1.195	1.166	1.213	1.216	1.217	1.222	1.220	3.79
81)	o-Xylene	1.298	1.198	1.185	1.153	1.206	1.206	1.194	1.136	1.197	4.03
82)	Styrene	0.849	0.817	0.859	0.850	0.899	0.898	0.909	0.774	0.857	5.35
83)	Bromoform	0.129	0.150	0.165	0.179	0.196	0.215	0.224	0.130	0.173	20.89

---- Quadratic regression ---- Coefficient = 0.9995
Response Ratio = -0.00138 + 0.17245 *A + 0.02728 *A^2

84)	Isopropylben	1.488	1.450	1.400	1.397	1.475	1.444	1.437	1.412	1.438	2.34
85)	I 1,4-Dichlorobenzene-d	----------ISTD----------									
86)	4-Bromofluor	0.816	0.819	0.818	0.823	0.807	0.809	0.820	0.824	0.817	0.76
87)	cis-1,4-Dich		0.252	0.271	0.262	0.269	0.282	0.298		0.272	5.80
88)	n-Propylbenz	3.503	3.465	3.320	3.334	3.452	3.407	3.472	3.390	3.418	1.95
89)	Bromobenzene	0.679	0.683	0.666	0.661	0.684	0.672	0.698	0.606	0.669	4.13
90)	1,1,2,2-Tetr	0.698	0.825	0.812	0.798	0.830	0.826	0.836	0.758	0.798	5.97
91)	1,3,5-Trimet	2.260	2.180	2.179	2.199	2.313	2.296	2.344	2.093	2.233	3.79
92)	2-Chlorotolu	2.008	1.915	1.934	1.876	1.915	1.887	1.944	1.987	1.933	2.37
93)	trans-1,4-Di		0.286	0.301	0.305	0.323	0.332	0.340		0.314	6.64
94)	1,2,3-Trichl		0.250	0.255	0.238	0.251	0.247	0.243	0.215	0.243	5.49
95)	Cyclohexanon		0.035	0.036	0.038	0.038	0.040	0.041		0.038	6.35
96)	4-Chlorotolu	2.008	2.055	2.037	1.965	2.023	2.013	2.069	2.034	2.026	1.56
97)	tert-Butylbe	1.208	1.334	1.318	1.270	1.360	1.320	1.336	1.258	1.301	3.90
98)	1,2,4-Trimet	2.148	2.093	2.063	2.118	2.197	2.193	2.249	2.067	2.141	3.16
99)	Pentachloroe		0.245	0.279	0.292	0.314	0.336	0.360		0.304	13.49
100)	sec-Butylben	2.458	2.681	2.682	2.702	2.834	2.769	2.795	2.610	2.691	4.40
101)	4-Isopropylt	2.122	2.168	2.116	2.226	2.327	2.277	2.298	1.975	2.189	5.34
102)	1,3-Dichloro	1.248	1.229	1.218	1.209	1.241	1.213	1.253	1.206	1.227	1.50
103)	1,2,3-Trimet	2.017	2.048	2.048	2.027	2.094	2.079	2.138	2.014	2.058	2.09
104)	1,4-Dichloro	1.290	1.287	1.231	1.215	1.247	1.224	1.251	1.323	1.258	3.01
105)	n-Butylbenze	1.034	1.014	0.988	1.019	1.092	1.046	1.068	0.965	1.028	4.02
106)	Benzyl Chlor		0.167	0.204	0.231	0.257	0.279	0.298	0.165	0.229	22.97

---- Quadratic regression ---- Coefficient = 0.9994
Response Ratio = -0.00363 + 0.22346 *A + 0.03910 *A^2

107)	1,2-Dichloro	1.086	1.102	1.102	1.075	1.108	1.096	1.124	1.067	1.095	1.67
108)	1,2-Dibromo-		0.117	0.135	0.141	0.141	0.150	0.155	0.107	0.135	12.86
109)	Hexachlorobu		0.281	0.241	0.247	0.252	0.234	0.228	0.295	0.254	9.74
110)	1,2,4-Trichl	0.601	0.535	0.547	0.540	0.593	0.581	0.590	0.547	0.567	4.78
111)	Naphthalene	1.664	1.464	1.498	1.519	1.615	1.636	1.658	1.495	1.569	5.26
112)	1,2,3-Trichl	0.427	0.461	0.464	0.463	0.486	0.482	0.495	0.479	0.470	4.47

(#) = Out of Range ### Number of calibration levels exceeded format ###

V2A2301_08172025.M Mon Aug 18 07:07:28 2025

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67139.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\081725\2A67139.D Vial: 12
Acq On : 17 Aug 2025 3:11 pm Operator: jeniferw
Sample : ICV2301-5 Inst : MSVOA17-1A_2A
Misc : MS59717,V2A2301,,,,, Multiplr: 1.00
MS Integration Params: small.p

Method : C:\msdchem\1\met...A2301_08172025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Aug 18 07:01:44 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	99	0.00	3.40
2	Dichlorodifluoromethane	0.368	0.304	17.4	83	0.00	1.03
3	Chloromethane	0.384	0.321	16.4	86	0.00	1.13
	----------	Amount	Calc.	%Drift	----------		
4	1,3-butadiene		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
5	Vinyl Chloride	0.356	0.321	9.8	90	0.00	1.18
6	Bromomethane	0.195	0.180	7.7	92	0.00	1.35
7	Chloroethane	0.285	0.232	18.6	83	0.00	1.42
8	Trichlorofluoromethane	0.499	0.429	14.0	86	0.00	1.50
9	Ethyl Ether	0.217	0.224	-3.2	102	0.00	1.66
	----------	Amount	Calc.	%Drift	----------		
10	Ethanol		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.285	0.296	-3.9	98	0.00	1.75
12	1,1-Dichloroethene	0.400	0.386	3.5	93	0.00	1.76
	----------	Amount	Calc.	%Drift	----------		
13	Freon 113	40.000	43.181	-8.0	102	0.00	1.79
	----------	AvgRF	CCRF	%Dev	----------		
14	Carbon Disulfide	0.615	0.750	-22.0#	124	0.00	1.79
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	43.681	-9.2	102	0.00	1.84
	----------	AvgRF	CCRF	%Dev	----------		
16	Acrolein	0.055	0.054	1.8	94	0.00	1.91
17	Allyl chloride	0.357	0.315	11.8	90	0.00	2.00
18	Methylene Chloride	0.364	0.347	4.7	97	0.00	2.05
19	Acetone	0.104	0.098	5.8	97	0.00	2.05
20	Methyl acetate	0.247	0.251	-1.6	101	0.00	2.13
21	trans-1,2-Dichloroethene	0.373	0.369	1.1	99	0.00	2.14
	----------	Amount	Calc.	%Drift	----------		
22	Hexane	40.000	46.173	-15.4	111	0.00	2.20
	----------	AvgRF	CCRF	%Dev	----------		

Initial Calibration Verification

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23		Methyl Tert Butyl Ether	0.644	0.647	-0.5	97	0.00	2.20
			Amount	Calc.	%Drift			
24		Acetonitrile	400.000	419.063	-4.8	99	0.00	2.27
			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.043	0.040	7.0	83	0.00	2.21
26		Di-isopropyl ether	0.734	0.693	5.6	93	0.00	2.39
27		Chloroprene	1.046	1.075	-2.8	101	0.00	2.44
28		1,1-Dichloroethane	0.471	0.449	4.7	96	0.00	2.45
29		Acrylonitrile	0.127	0.132	-3.9	101	0.00	2.44
30		ETBE	0.736	0.698	5.2	93	0.00	2.58
31		Vinyl acetate	0.554	0.580	-4.7	100	0.00	2.56
32		cis-1,2-Dichloroethene	0.254	0.244	3.9	96	0.00	2.72
33		2,2-Dichloropropane	0.347	0.358	-3.2	100	0.00	2.78
34		Bromochloromethane	0.107	0.113	-5.6	99	0.00	2.82
35		Cyclohexane	0.387	0.455	-17.6	109	0.00	2.86
36		Chloroform	0.453	0.436	3.8	98	0.00	2.86
37		Ethyl acetate	0.316	0.329	-4.1	102	0.00	2.91
38		Tetrahydrofuran	0.118	0.103	12.7	86	0.00	2.94
39	S	Dibromofluoromethane	0.281	0.281	0.0	98	0.00	2.95
40		Carbon Tetrachloride	0.280	0.288	-2.9	94	0.00	2.96
41		1,1,1-Trichloroethane	0.358	0.360	-0.6	97	0.00	2.99
42		2-Butanone	0.166	0.153	7.8	92	0.00	3.00
43		1,1-Dichloropropene	0.293	0.320	-9.2	106	0.00	3.06
44		tert-Butyl formate	0.202	0.218	-7.9	101	0.00	3.09
45		Propionitrile	0.050	0.051	-2.0	101	0.00	3.14
46		Methacrylonitrile	0.180	0.176	2.2	99	0.00	3.17
47		Benzene	0.968	0.922	4.8	97	0.00	3.18
48		TAME	0.603	0.572	5.1	92	0.00	3.25
49	S	1,2-Dichloroethane-d4	0.346	0.337	2.6	98	0.00	3.24
50		1,2-Dichloroethane	0.334	0.324	3.0	96	0.00	3.27
51		Isobutyl Alcohol	0.023	0.023	0.0	95	0.00	3.25
52		Tert Amyl Alcohol	0.036	0.034	5.6	90	0.00	3.32
53		Trichloroethene	0.258	0.251	2.7	98	0.00	3.51
			Amount	Calc.	%Drift			
54		Methylcyclohexane	40.000	42.810	-7.0	105	0.00	3.53
			AvgRF	CCRF	%Dev			
55		Dibromomethane	0.149	0.152	-2.0	98	0.00	3.73
56		1,2-Dichloropropane	0.245	0.244	0.4	98	0.00	3.79
57		Bromodichloromethane	0.291	0.287	1.4	95	0.00	3.83
58		Methyl methacrylate	0.224	0.222	0.9	99	0.00	3.92
59		1,4-Dioxane	0.003	0.003	0.0	89	0.00	3.94
60		2-Chloroethyl vinyl ether	0.164	0.166	-1.2	97	0.00	4.16
61		cis-1,3-Dichloropropene	0.333	0.338	-1.5	94	0.00	4.20
62	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00	5.35
63	S	Toluene-d8	1.294	1.312	-1.4	100	0.00	4.33
64		Toluene	1.390	1.345	3.2	97	0.00	4.37
			Amount	Calc.	%Drift			
65		2-Nitropropane	200.000	206.693	-3.3	100	0.00	4.46
			AvgRF	CCRF	%Dev			
66		4-Methyl-2-pentanone	0.431	0.413	4.2	93	0.00	4.58
67		trans-1,3-Dichloropropene	0.431	0.447	-3.7	96	0.00	4.61
68		Tetrachloroethene	0.363	0.380	-4.7	100	0.00	4.63
69		Ethyl methacrylate	0.365	0.403	-10.4	107	0.00	4.72

Initial Calibration Verification

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Sample: V2A2301-ICV2301
Lab FileID: 2A67139.D

70		1,1,2-Trichloroethane	0.238	0.243	-2.1	98	0.00	4.71
71		Dibromochloromethane	0.266	0.292	-9.8	99	0.00	4.84
72		1,3-Dichloropropane	0.482	0.470	2.5	94	0.00	4.89
73		1,2-Dibromoethane	0.300	0.307	-2.3	98	0.00	4.99
		----------	Amount	Calc.	%Drift	----------		
74		3,3-Dimethyl-1-Butanol	2000.000	1909.042	4.5	93	0.00	5.12
		----------	AvgRF	CCRF	%Dev	----------		
75		2-hexanone	0.391	0.389	0.5	95	0.00	5.13
76		1-Chlorohexane	0.457	0.428	6.3	90	0.00	5.36
77		Ethylbenzene	1.548	1.513	2.3	96	0.00	5.39
78		Chlorobenzene	0.846	0.856	-1.2	97	0.00	5.36
79		1,1,1,2-Tetrachloroethane	0.272	0.284	-4.4	94	0.00	5.41
80		m,p-Xylene	1.220	1.190	2.5	96	0.00	5.49
81		o-Xylene	1.197	1.161	3.0	94	0.00	5.80
82		Styrene	0.857	0.868	-1.3	94	0.00	5.83
		----------	Amount	Calc.	%Drift	----------		
83		Bromoform	40.000	39.775	0.6	95	0.00	5.83
		----------	AvgRF	CCRF	%Dev	----------		
84		Isopropylbenzene	1.438	1.420	1.3	94	0.00	6.03
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00	7.09
86	S	4-Bromofluorobenzene	0.817	0.815	0.2	99	0.00	6.22
87		cis-1,4-Dichloro-2-butene	0.272	0.291	-7.0	106	0.00	6.26
88		n-Propylbenzene	3.418	3.351	2.0	95	0.00	6.35
89		Bromobenzene	0.669	0.641	4.2	92	0.00	6.30
90		1,1,2,2-Tetrachloroethane	0.798	0.779	2.4	92	0.00	6.37
91		1,3,5-Trimethylbenzene	2.233	2.158	3.4	92	0.00	6.50
92		2-Chlorotoluene	1.933	1.870	3.3	96	0.00	6.45
93		trans-1,4-Dichloro-2-Bute	0.314	0.333	-6.1	101	0.00	6.50
94		1,2,3-Trichloropropane	0.243	0.233	4.1	91	0.00	6.46
95		Cyclohexanone	0.038	0.050	-31.6#	128	0.00	6.47
96		4-Chlorotoluene	2.026	1.967	2.9	95	0.00	6.57
97		tert-Butylbenzene	1.301	1.269	2.5	92	0.00	6.74
98		1,2,4-Trimethylbenzene	2.141	2.130	0.5	95	0.00	6.80
99		Pentachloroethane	0.304	0.326	-7.2	102	0.00	6.74
100		sec-Butylbenzene	2.691	2.537	5.7	88	0.00	6.89
101		4-Isopropyltoluene	2.189	2.105	3.8	89	0.00	7.00
102		1,3-Dichlorobenzene	1.227	1.187	3.3	94	0.00	7.03
103		1,2,3-Trimethylbenzene	2.058	2.026	1.6	95	0.00	7.13
104		1,4-Dichlorobenzene	1.258	1.194	5.1	94	0.00	7.10
105		n-Butylbenzene	1.028	1.017	1.1	91	0.00	7.33
		----------	Amount	Calc.	%Drift	----------		
106		Benzyl Chloride	40.000	40.180	-0.4	96	0.00	7.29
		----------	AvgRF	CCRF	%Dev	----------		
107		1,2-Dichlorobenzene	1.095	1.062	3.0	94	0.00	7.42
108		1,2-Dibromo-3-Chloropropa	0.135	0.138	-2.2	96	0.00	8.00
109		Hexachlorobutadiene	0.254	0.231	9.1	90	0.00	8.50
110		1,2,4-Trichlorobenzene	0.567	0.537	5.3	89	0.00	8.49
111		Naphthalene	1.569	1.504	4.1	91	0.00	8.70
112		1,2,3-Trichlorobenzene	0.470	0.455	3.2	92	0.00	8.83

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67139.D

2A67134.D V2A2301_08172025.M Mon Aug 18 07:07:11 2025

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67140.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\081725\2A67140.D Vial: 13
Acq On : 17 Aug 2025 3:28 pm Operator: jeniferw
Sample : ICV2301-4 Inst : MSVOA17-1A_2A
Misc : MS59717,V2A2301,,,,, Multiplr: 1.00
MS Integration Params: small.p

Method : C:\msdchem\1\met...A2301_08172025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Aug 18 07:01:44 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	100	0.00	3.40
2	Dichlorodifluoromethane		----------	NA	----------		
3	Chloromethane		----------	NA	----------		
	----------	Amount	Calc.	%Drift	----------		
4	1,3-butadiene	25.000	23.039	7.8	92	0.00	1.20
	----------	AvgRF	CCRF	%Dev	----------		
5	Vinyl Chloride		----------	NA	----------		
6	Bromomethane		----------	NA	----------		
7	Chloroethane		----------	NA	----------		
8	Trichlorofluoromethane		----------	NA	----------		
9	Ethyl Ether		----------	NA	----------		
	----------	Amount	Calc.	%Drift	----------		
10	Ethanol	500.000	496.234	0.8	98	0.00	1.71
	----------	AvgRF	CCRF	%Dev	----------		
11	1,2-Dichlorotrifluoroetha		----------	NA	----------		
12	1,1-Dichloroethene		----------	NA	----------		
	----------	Amount	Calc.	%Drift	----------		
13	Freon 113		----------	NA	----------		
	----------	AvgRF	CCRF	%Dev	----------		
14	Carbon Disulfide		----------	NA	----------		
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane		----------	NA	----------		
	----------	AvgRF	CCRF	%Dev	----------		
16	Acrolein		----------	NA	----------		
17	Allyl chloride		----------	NA	----------		
18	Methylene Chloride		----------	NA	----------		
19	Acetone		----------	NA	----------		
20	Methyl acetate		----------	NA	----------		
21	trans-1,2-Dichloroethene		----------	NA	----------		
	----------	Amount	Calc.	%Drift	----------		
22	Hexane		----------	NA	----------		
	----------	AvgRF	CCRF	%Dev	----------		

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67140.D

23		Methyl Tert Butyl Ether		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
24		Acetonitrile		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
25		Tert Butyl Alcohol		----------NA----------				
26		Di-isopropyl ether		----------NA----------				
27		Chloroprene		----------NA----------				
28		1,1-Dichloroethane		----------NA----------				
29		Acrylonitrile		----------NA----------				
30		ETBE		----------NA----------				
31		Vinyl acetate		----------NA----------				
32		cis-1,2-Dichloroethene		----------NA----------				
33		2,2-Dichloropropane		----------NA----------				
34		Bromochloromethane		----------NA----------				
35		Cyclohexane		----------NA----------				
36		Chloroform		----------NA----------				
37		Ethyl acetate		----------NA----------				
38		Tetrahydrofuran		----------NA----------				
39	S	Dibromofluoromethane	0.281	0.281	0.0	100	0.00	2.95
40		Carbon Tetrachloride		----------NA----------				
41		1,1,1-Trichloroethane		----------NA----------				
42		2-Butanone		----------NA----------				
43		1,1-Dichloropropene		----------NA----------				
44		tert-Butyl formate		----------NA----------				
45		Propionitrile		----------NA----------				
46		Methacrylonitrile		----------NA----------				
47		Benzene		----------NA----------				
48		TAME		----------NA----------				
49	S	1,2-Dichloroethane-d4	0.346	0.351	-1.4	100	0.00	3.24
50		1,2-Dichloroethane		----------NA----------				
51		Isobutyl Alcohol		----------NA----------				
52		Tert Amyl Alcohol		----------NA----------				
53		Trichloroethene		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
54		Methylcyclohexane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
55		Dibromomethane		----------NA----------				
56		1,2-Dichloropropane		----------NA----------				
57		Bromodichloromethane		----------NA----------				
58		Methyl methacrylate		----------NA----------				
59		1,4-Dioxane		----------NA----------				
60		2-Chloroethyl vinyl ether		----------NA----------				
61		cis-1,3-Dichloropropene		----------NA----------				
62	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00	5.35
63	S	Toluene-d8	1.294	1.295	-0.1	101	0.00	4.33
64		Toluene		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
65		2-Nitropropane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
66		4-Methyl-2-pentanone		----------NA----------				
67		trans-1,3-Dichloropropene		----------NA----------				
68		Tetrachloroethene		----------NA----------				
69		Ethyl methacrylate		----------NA----------				

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67140.D

70		1,1,2-Trichloroethane		----------NA----------					
71		Dibromochloromethane		----------NA----------					
72		1,3-Dichloropropane		----------NA----------					
73		1,2-Dibromoethane		----------NA----------					
		----------	Amount	Calc.	%Drift	----------			
74		3,3-Dimethyl-1-Butanol		----------NA----------					
		----------	AvgRF	CCRF	%Dev	----------			
75		2-hexanone		----------NA----------					
76		1-Chlorohexane		----------NA----------					
77		Ethylbenzene		----------NA----------					
78		Chlorobenzene		----------NA----------					
79		1,1,1,2-Tetrachloroethane		----------NA----------					
80		m,p-Xylene		----------NA----------					
81		o-Xylene		----------NA----------					
82		Styrene		----------NA----------					
		----------	Amount	Calc.	%Drift	----------			
83		Bromoform		----------NA----------					
		----------	AvgRF	CCRF	%Dev	----------			
84		Isopropylbenzene		----------NA----------					
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00	7.08	
86	S	4-Bromofluorobenzene	0.817	0.810	0.9	98	0.00	6.22	
87		cis-1,4-Dichloro-2-butene		----------NA----------					
88		n-Propylbenzene		----------NA----------					
89		Bromobenzene		----------NA----------					
90		1,1,2,2-Tetrachloroethane		----------NA----------					
91		1,3,5-Trimethylbenzene		----------NA----------					
92		2-Chlorotoluene		----------NA----------					
93		trans-1,4-Dichloro-2-Bute		----------NA----------					
94		1,2,3-Trichloropropane		----------NA----------					
95		Cyclohexanone		----------NA----------					
96		4-Chlorotoluene		----------NA----------					
97		tert-Butylbenzene		----------NA----------					
98		1,2,4-Trimethylbenzene		----------NA----------					
99		Pentachloroethane		----------NA----------					
100		sec-Butylbenzene		----------NA----------					
101		4-Isopropyltoluene		----------NA----------					
102		1,3-Dichlorobenzene		----------NA----------					
103		1,2,3-Trimethylbenzene		----------NA----------					
104		1,4-Dichlorobenzene		----------NA----------					
105		n-Butylbenzene		----------NA----------					
		----------	Amount	Calc.	%Drift	----------			
106		Benzyl Chloride		----------NA----------					
		----------	AvgRF	CCRF	%Dev	----------			
107		1,2-Dichlorobenzene		----------NA----------					
108		1,2-Dibromo-3-Chloropropa		----------NA----------					
109		Hexachlorobutadiene		----------NA----------					
110		1,2,4-Trichlorobenzene		----------NA----------					
111		Naphthalene		----------NA----------					
112		1,2,3-Trichlorobenzene		----------NA----------					

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2301-ICV2301
Lab FileID: 2A67140.D

2A67133.D V2A2301_08172025.M Mon Aug 18 07:06:47 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-CC2301
Lab FileID: 2A68163.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\092825\2A68163.D Vial: 2
Acq On : 28 Sep 2025 8:57 am Operator: jeniferw
Sample : CC2301-5 Inst : MSVOA17-1A_2A
Misc : MS60015,V2A2341,,,,, Multiplr: 1.00
MS Integration Params: small.p

Method : C:\msdchem\1\met...A2301_08172025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Aug 18 06:58:56 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	83	0.00	3.40
2	Dichlorodifluoromethane	0.368	0.333	9.5	77	0.00	1.03
3	Chloromethane	0.384	0.377	1.8	86	0.00	1.13
		Amount	Calc.	%Drift			
4	1,3-butadiene	40.000	40.715	-1.8	83	0.00	1.19
		AvgRF	CCRF	%Dev			
5	Vinyl Chloride	0.356	0.351	1.4	84	0.00	1.18
6	Bromomethane	0.195	0.178	8.7	77	0.00	1.35
7	Chloroethane	0.285	0.247	13.3	74	0.00	1.42
8	Trichlorofluoromethane	0.499	0.450	9.8	76	0.00	1.50
9	Ethyl Ether	0.217	0.257	-18.4	99	0.00	1.66
		Amount	Calc.	%Drift			
10	Ethanol	800.000	624.034	22.0#	64	0.00	1.71
		AvgRF	CCRF	%Dev			
11	1,2-Dichlorotrifluoroetha	0.285	0.278	2.5	78	0.00	1.75
12	1,1-Dichloroethene	0.400	0.478	-19.5	97	0.00	1.76
		Amount	Calc.	%Drift			
13	Freon 113	40.000	41.438	-3.6	83	0.00	1.79
		AvgRF	CCRF	%Dev			
14	Carbon Disulfide	0.615	0.870	-41.5#	121	0.00	1.78
		Amount	Calc.	%Drift			
15	Iodomethane	40.000	42.955	-7.4	85	0.00	1.83
		AvgRF	CCRF	%Dev			
16	Acrolein	0.055	0.065	-18.2	95	0.00	1.91
17	Allyl chloride	0.357	0.381	-6.7	92	0.00	2.00
18	Methylene Chloride	0.364	0.449	-23.4#	106	0.00	2.05
19	Acetone	0.104	0.117	-12.5	97	0.00	2.05
20	Methyl acetate	0.247	0.298	-20.6#	101	0.00	2.13
21	trans-1,2-Dichloroethene	0.373	0.437	-17.2	99	0.00	2.14
22	Hexane	0.208	0.301	-44.7#	116	0.00	2.20
23	Methyl Tert Butyl Ether	0.644	0.697	-8.2	89	0.00	2.20
		Amount	Calc.	%Drift			
24	Acetonitrile	400.000	507.868	-27.0#	101	0.00	2.27

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-CC2301
Lab FileID: 2A68163.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.043	0.036	16.3	63	0.00	2.21
26		Di-isopropyl ether	0.734	0.930	-26.7#	105	0.00	2.39
27		Chloroprene	1.046	1.178	-12.6	93	0.00	2.44
28		1,1-Dichloroethane	0.471	0.529	-12.3	95	0.00	2.44
29		Acrylonitrile	0.127	0.148	-16.5	96	0.00	2.44
30		ETBE	0.736	0.854	-16.0	96	0.00	2.58
31		Vinyl acetate	0.554	0.741	-33.8#	108	0.00	2.56
32		cis-1,2-Dichloroethene	0.254	0.245	3.5	81	0.00	2.72
33		2,2-Dichloropropane	0.347	0.350	-0.9	82	0.00	2.78
34		Bromochloromethane	0.107	0.116	-8.4	85	0.00	2.82
35		Cyclohexane	0.387	0.563	-45.5#	114	0.00	2.86
36		Chloroform	0.453	0.460	-1.5	88	0.00	2.86
37		Ethyl acetate	0.316	0.395	-25.0#	103	0.00	2.91
38		Tetrahydrofuran	0.118	0.146	-23.7#	103	0.00	2.94
39	S	Dibromofluoromethane	0.281	0.281	0.0	83	0.00	2.95
40		Carbon Tetrachloride	0.280	0.299	-6.8	82	0.00	2.96
41		1,1,1-Trichloroethane	0.358	0.379	-5.9	86	0.00	2.99
42		2-Butanone	0.166	0.190	-14.5	96	0.00	3.00
43		1,1-Dichloropropene	0.293	0.317	-8.2	88	0.00	3.05
44		tert-Butyl formate	0.202	0.174	13.9	68	0.00	3.09
45		Propionitrile	0.050	0.056	-12.0	93	0.00	3.14
46		Methacrylonitrile	0.180	0.226	-25.6#	107	0.00	3.17
47		Benzene	0.968	1.012	-4.5	89	0.00	3.18
48		TAME	0.603	0.658	-9.1	89	0.00	3.25
49	S	1,2-Dichloroethane-d4	0.346	0.403	-16.5	99	0.00	3.24
50		1,2-Dichloroethane	0.334	0.407	-21.9#	102	0.00	3.27
51		Isobutyl Alcohol	0.023	0.029	-26.1#	103	0.00	3.25
52		Tert Amyl Alcohol	0.036	0.032	11.1	71	0.00	3.32
53		Trichloroethene	0.258	0.257	0.4	85	0.00	3.51
			Amount	Calc.	%Drift			
54		Methylcyclohexane	40.000	42.804	-7.0	88	0.00	3.53
			AvgRF	CCRF	%Dev			
55		Dibromomethane	0.149	0.159	-6.7	87	0.00	3.73
56		1,2-Dichloropropane	0.245	0.276	-12.7	93	0.00	3.79
57		Bromodichloromethane	0.291	0.322	-10.7	90	0.00	3.83
58		Methyl methacrylate	0.224	0.277	-23.7#	105	0.00	3.92
59		1,4-Dioxane	0.003	0.002	33.3#	64	0.00	3.93
60		2-Chloroethyl vinyl ether	0.164	0.169	-3.0	83	0.00	4.16
61		cis-1,3-Dichloropropene	0.333	0.365	-9.6	86	0.00	4.20
62	I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00	5.35
63	S	Toluene-d8	1.294	1.307	-1.0	82	0.00	4.33
64		Toluene	1.390	1.386	0.3	83	0.00	4.37
			Amount	Calc.	%Drift			
65		2-Nitropropane	200.000	352.097	-76.0#	157	0.00	4.46
			AvgRF	CCRF	%Dev			
66		4-Methyl-2-pentanone	0.431	0.539	-25.1#	100	0.00	4.58
67		trans-1,3-Dichloropropene	0.431	0.507	-17.6	90	0.00	4.61
68		Tetrachloroethene	0.363	0.334	8.0	73	0.00	4.63
69		Ethyl methacrylate	0.365	0.360	1.4	79	0.00	4.72
70		1,1,2-Trichloroethane	0.238	0.264	-10.9	88	0.00	4.71
71		Dibromochloromethane	0.266	0.305	-14.7	86	0.00	4.84
72		1,3-Dichloropropane	0.482	0.534	-10.8	89	0.00	4.89
73		1,2-Dibromoethane	0.300	0.316	-5.3	83	0.00	4.99

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-CC2301
Lab FileID: 2A68163.D

			Amount	Calc.	%Drift			
74		3,3-Dimethyl-1-Butanol	2000.000	2129.390	-6.5	87	0.00	5.12
			AvgRF	CCRF	%Dev			
75		2-hexanone	0.391	0.494	-26.3#	99	0.00	5.13
76		1-Chlorohexane	0.457	0.453	0.9	78	0.00	5.36
77		Ethylbenzene	1.548	1.621	-4.7	85	0.00	5.39
78		Chlorobenzene	0.846	0.839	0.8	79	0.00	5.36
79		1,1,1,2-Tetrachloroethane	0.272	0.293	-7.7	80	0.00	5.40
80		m,p-Xylene	1.220	1.248	-2.3	83	0.00	5.50
81		o-Xylene	1.197	1.213	-1.3	81	0.00	5.80
82		Styrene	0.857	0.876	-2.2	79	0.00	5.83
			Amount	Calc.	%Drift			
83		Bromoform	40.000	43.338	-8.3	87	0.00	5.83
			AvgRF	CCRF	%Dev			
84		Isopropylbenzene	1.438	1.423	1.0	78	0.00	6.03
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00	7.09
86	S	4-Bromofluorobenzene	0.817	0.787	3.7	76	0.00	6.22
87		cis-1,4-Dichloro-2-butene	0.272	0.351	-29.0#	102	0.00	6.26
88		n-Propylbenzene	3.418	3.572	-4.5	80	0.00	6.35
89		Bromobenzene	0.669	0.637	4.8	72	0.00	6.30
90		1,1,2,2-Tetrachloroethane	0.798	0.931	-16.7	87	0.00	6.37
91		1,3,5-Trimethylbenzene	2.233	2.263	-1.3	76	0.00	6.50
92		2-Chlorotoluene	1.933	1.999	-3.4	81	0.00	6.45
93		trans-1,4-Dichloro-2-Bute	0.314	0.416	-32.5#	100	0.00	6.50
94		1,2,3-Trichloropropane	0.243	0.263	-8.2	82	0.00	6.46
95		Cyclohexanone	0.038	0.035	7.9	71	0.00	6.47
96		4-Chlorotoluene	2.026	2.112	-4.2	81	0.00	6.57
97		tert-Butylbenzene	1.301	1.394	-7.1	80	0.00	6.74
98		1,2,4-Trimethylbenzene	2.141	2.127	0.7	75	0.00	6.80
99		Pentachloroethane	0.304	0.337	-10.9	83	0.00	6.74
100		sec-Butylbenzene	2.691	2.721	-1.1	75	0.00	6.88
101		4-Isopropyltoluene	2.189	2.173	0.7	73	0.00	7.00
102		1,3-Dichlorobenzene	1.227	1.161	5.4	73	0.00	7.03
103		1,2,3-Trimethylbenzene	2.058	2.161	-5.0	80	0.00	7.13
104		1,4-Dichlorobenzene	1.258	1.188	5.6	74	0.00	7.10
105		n-Butylbenzene	1.028	1.027	0.1	73	0.00	7.33
			Amount	Calc.	%Drift			
106		Benzyl Chloride	40.000	37.111	7.2	70	0.00	7.29
			AvgRF	CCRF	%Dev			
107		1,2-Dichlorobenzene	1.095	1.074	1.9	75	0.00	7.42
108		1,2-Dibromo-3-Chloropropa	0.135	0.166	-23.0#	91	0.00	8.00
109		Hexachlorobutadiene	0.254	0.201	20.9#	62	0.00	8.50
110		1,2,4-Trichlorobenzene	0.567	0.504	11.1	66	0.00	8.50
111		Naphthalene	1.569	1.448	7.7	70	0.00	8.70
112		1,2,3-Trichlorobenzene	0.470	0.399	15.1	64	0.00	8.83

(#) = Out of Range SPCC's out = 0 CCC's out = 0

2A67134.D V2A2301_08172025.M Sun Sep 28 09:44:01 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-ECC2301
Lab FileID: 2A68192.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\ge...2A2341-2342\2A68192.d Vial: 31
Acq On : 28 Sep 2025 5:33 pm Operator: jeniferw
Sample : ECC2301-5 Inst : MSVOA17-1A_2A
Misc : MS60020,V2A2341,,,,, Multiplr: 1.00
MS Integration Params: small.p

Method : C:\msdchem\1\met...A2301_08172025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Mon Aug 18 06:58:56 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	85	0.00	3.40
2	Dichlorodifluoromethane	0.368	0.384	-4.3	90	0.00	1.03
3	Chloromethane	0.384	0.426	-10.9	99	0.00	1.13
	----------	True	Calc.	% Drift	----------		
4	1,3-butadiene	40.000	43.693	-9.2	91	0.00	1.19
	----------	AvgRF	CCRF	% Dev	----------		
5	Vinyl Chloride	0.356	0.414	-16.3	101	0.00	1.18
6	Bromomethane	0.195	0.171	12.3	75	0.00	1.35
7	Chloroethane	0.285	0.214	24.9	66	0.00	1.42
8	Trichlorofluoromethane	0.499	0.485	2.8	83	0.00	1.50
9	Ethyl Ether	0.217	0.262	-20.7	103	0.00	1.66
	----------	True	Calc.	% Drift	----------		
10	Ethanol	800.000	739.376	7.6	78	0.00	1.71
	----------	AvgRF	CCRF	% Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.285	0.270	5.3	78	0.00	1.75
12	1,1-Dichloroethene	0.400	0.475	-18.7	99	0.00	1.76
	----------	True	Calc.	% Drift	----------		
13	Freon 113	40.000	41.447	-3.6	85	0.00	1.79
	----------	AvgRF	CCRF	% Dev	----------		
14	Carbon Disulfide	0.615	0.837	-36.1	119	0.00	1.78
	----------	True	Calc.	% Drift	----------		
15	Iodomethane	40.000	45.192	-13.0	91	0.00	1.83
	----------	AvgRF	CCRF	% Dev	----------		
16	Acrolein	0.055	0.060	-9.1	89	0.00	1.91
17	Allyl chloride	0.357	0.368	-3.1	90	0.00	2.00
18	Methylene Chloride	0.364	0.452	-24.2	109	0.00	2.05
19	Acetone	0.104	0.119	-14.4	101	0.00	2.05
20	Methyl acetate	0.247	0.310	-25.5	107	0.00	2.12
21	trans-1,2-Dichloroethene	0.373	0.423	-13.4	98	0.00	2.14
22	Hexane	0.208	0.307	-47.6	121	0.00	2.20
23	Methyl Tert Butyl Ether	0.644	0.705	-9.5	92	0.00	2.19
	----------	True	Calc.	% Drift	----------		
24	Acetonitrile	400.000	509.831	-27.5	104	0.00	2.27

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-ECC2301
Lab FileID: 2A68192.D

			AvgRF	CCRF	% Dev			
25		Tert Butyl Alcohol	0.043	0.043	0.0	78	0.00	2.21
26		Di-isopropyl ether	0.734	0.971	-32.3	112	0.00	2.39
27		Chloroprene	1.046	1.163	-11.2	94	0.00	2.44
28		1,1-Dichloroethane	0.471	0.519	-10.2	96	0.00	2.44
29		Acrylonitrile	0.127	0.149	-17.3	98	0.00	2.44
30		ETBE	0.736	0.900	-22.3	103	0.00	2.58
31		Vinyl acetate	0.554	0.707	-27.6	106	0.00	2.56
32		cis-1,2-Dichloroethene	0.254	0.253	0.4	86	0.00	2.72
33		2,2-Dichloropropane	0.347	0.325	6.3	78	0.00	2.78
34		Bromochloromethane	0.107	0.118	-10.3	89	0.00	2.82
35		Cyclohexane	0.387	0.581	-50.1#	120	0.00	2.86
36		Chloroform	0.453	0.467	-3.1	91	0.00	2.86
37		Ethyl acetate	0.316	0.401	-26.9	107	0.00	2.91
38		Tetrahydrofuran	0.118	0.144	-22.0	105	0.00	2.94
39	S	Dibromofluoromethane	0.281	0.274	2.5	83	0.00	2.95
40		Carbon Tetrachloride	0.280	0.300	-7.1	84	0.00	2.96
41		1,1,1-Trichloroethane	0.358	0.375	-4.7	87	0.00	2.99
42		2-Butanone	0.166	0.193	-16.3	100	0.00	3.00
43		1,1-Dichloropropene	0.293	0.318	-8.5	90	0.00	3.05
44		tert-Butyl formate	0.202	0.161	20.3	65	0.00	3.09
45		Propionitrile	0.050	0.057	-14.0	97	0.00	3.14
46		Methacrylonitrile	0.180	0.230	-27.8	112	0.00	3.16
47		Benzene	0.968	1.019	-5.3	92	0.00	3.18
48		TAME	0.603	0.684	-13.4	95	0.00	3.25
49	S	1,2-Dichloroethane-d4	0.346	0.406	-17.3	102	0.00	3.23
50		1,2-Dichloroethane	0.334	0.423	-26.6	109	0.00	3.27
51		Isobutyl Alcohol	0.023	0.034	-47.8	123	0.00	3.25
52		Tert Amyl Alcohol	0.036	0.036	0.0	82	0.00	3.32
53		Trichloroethene	0.258	0.259	-0.4	87	0.00	3.50
			True	Calc.	% Drift			
54		Methylcyclohexane	40.000	46.486	-16.2	98	0.00	3.53
			AvgRF	CCRF	% Dev			
55		Dibromomethane	0.149	0.164	-10.1	92	0.00	3.73
56		1,2-Dichloropropane	0.245	0.287	-17.1	99	0.00	3.79
57		Bromodichloromethane	0.291	0.327	-12.4	93	0.00	3.82
58		Methyl methacrylate	0.224	0.286	-27.7	110	0.00	3.91
59		1,4-Dioxane	0.003	0.003	0.0	89	0.00	3.94
60		2-Chloroethyl vinyl ether	0.164	0.161	1.8	81	0.00	4.16
61		cis-1,3-Dichloropropene	0.333	0.372	-11.7	90	0.00	4.20
62	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00	5.34
63	S	Toluene-d8	1.294	1.299	-0.4	85	0.00	4.33
64		Toluene	1.390	1.392	-0.1	86	0.00	4.36
			True	Calc.	% Drift			
65		2-Nitropropane	200.000	337.216	-68.6#	154	0.00	4.46
			AvgRF	CCRF	% Dev			
66		4-Methyl-2-pentanone	0.431	0.562	-30.4	108	0.00	4.58
67		trans-1,3-Dichloropropene	0.431	0.502	-16.5	92	0.00	4.60
68		Tetrachloroethene	0.363	0.408	-12.4	92	0.00	4.62
69		Ethyl methacrylate	0.365	0.387	-6.0	88	0.00	4.72
70		1,1,2-Trichloroethane	0.238	0.273	-14.7	94	0.00	4.71
71		Dibromochloromethane	0.266	0.306	-15.0	89	0.00	4.83
72		1,3-Dichloropropane	0.482	0.543	-12.7	93	0.00	4.89
73		1,2-Dibromoethane	0.300	0.321	-7.0	87	0.00	4.99

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V2A2341-ECC2301
Lab FileID: 2A68192.D

			True	Calc.	% Drift			
74		3,3-Dimethyl-1-Butanol	2000.000	2372.897	-18.6	103	0.00	5.12
			AvgRF	CCRF	% Dev			
75		2-hexanone	0.391	0.526	-34.5	110	0.00	5.13
76		1-Chlorohexane	0.457	0.465	-1.8	83	0.00	5.36
77		Ethylbenzene	1.548	1.680	-8.5	91	0.00	5.39
78		Chlorobenzene	0.846	0.875	-3.4	85	0.00	5.36
79		1,1,1,2-Tetrachloroethane	0.272	0.302	-11.0	86	0.00	5.40
80		m,p-Xylene	1.220	1.302	-6.7	90	0.00	5.49
81		o-Xylene	1.197	1.281	-7.0	89	0.00	5.79
82		Styrene	0.857	0.928	-8.3	86	0.00	5.83
			True	Calc.	% Drift			
83		Bromoform	40.000	42.161	-5.4	87	0.00	5.83
			AvgRF	CCRF	% Dev			
84		Isopropylbenzene	1.438	1.508	-4.9	85	0.00	6.03
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	0.00	7.08
86	S	4-Bromofluorobenzene	0.817	0.787	3.7	79	0.00	6.22
87		cis-1,4-Dichloro-2-butene	0.272	0.300	-10.3	90	0.00	6.26
88		n-Propylbenzene	3.418	3.821	-11.8	89	0.00	6.34
89		Bromobenzene	0.669	0.672	-0.4	79	0.00	6.30
90		1,1,2,2-Tetrachloroethane	0.798	0.938	-17.5	91	0.00	6.36
91		1,3,5-Trimethylbenzene	2.233	2.466	-10.4	86	0.00	6.50
92		2-Chlorotoluene	1.933	2.118	-9.6	89	0.00	6.44
93		trans-1,4-Dichloro-2-Bute	0.314	0.387	-23.2	97	0.00	6.50
94		1,2,3-Trichloropropane	0.243	0.265	-9.1	85	0.00	6.46
95		Cyclohexanone	0.038	0.039	-2.6	83	0.00	6.47
96		4-Chlorotoluene	2.026	2.270	-12.0	90	0.00	6.57
97		tert-Butylbenzene	1.301	1.511	-16.1	90	0.00	6.74
98		1,2,4-Trimethylbenzene	2.141	2.363	-10.4	87	0.00	6.79
99		Pentachloroethane	0.304	0.269	11.5	69	0.00	6.74
100		sec-Butylbenzene	2.691	3.028	-12.5	86	0.00	6.88
101		4-Isopropyltoluene	2.189	2.412	-10.2	84	0.00	7.00
102		1,3-Dichlorobenzene	1.227	1.270	-3.5	82	0.00	7.02
103		1,2,3-Trimethylbenzene	2.058	2.347	-14.0	90	0.00	7.13
104		1,4-Dichlorobenzene	1.258	1.287	-2.3	83	0.00	7.09
105		n-Butylbenzene	1.028	1.158	-12.6	85	0.00	7.33
			True	Calc.	% Drift			
106		Benzyl Chloride	40.000	32.375	19.1	62	0.00	7.29
			AvgRF	CCRF	% Dev			
107		1,2-Dichlorobenzene	1.095	1.136	-3.7	83	0.00	7.42
108		1,2-Dibromo-3-Chloropropa	0.135	0.167	-23.7	95	0.00	8.00
109		Hexachlorobutadiene	0.254	0.212	16.5	68	0.00	8.50
110		1,2,4-Trichlorobenzene	0.567	0.543	4.2	74	0.00	8.49
111		Naphthalene	1.569	1.613	-2.8	80	0.00	8.70
112		1,2,3-Trichlorobenzene	0.470	0.470	0.0	78	0.00	8.83

(#) = Out of Range SPCC's out = 0 CCC's out = 0

2A67134.D V2A2301_08172025.M Mon Sep 29 22:26:54 2025

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY
Sample: V5E2317-ICC2317
Lab FileID: 5E52183.D

Response Factor Report MSVOA20_5E

Method : C:\msdchem\1\met...2317_09172025_.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Thu Sep 18 11:42:31 2025
Response via : Initial Calibration

Calibration Files
1 =5E52178.D 2 =5E52180.D 3 =5E52181.D 4 =5E52182.D
5 =5E52183.D 6 =5E52184.D 7 =5E52185.D 8 =5E52179.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	ISTD									
2) Dichlorodifl	0.192	0.276	0.250	0.274	0.266	0.267	0.272	0.208	0.251	12.95
3) Chloromethan	0.262	0.329	0.320	0.353	0.330	0.329	0.330	0.288	0.318	9.04
4) Vinyl Chlori	0.176	0.238	0.218	0.240	0.230	0.237	0.247	0.189	0.222	11.69
5) 1,3-Butadien		0.209	0.206	0.213	0.198	0.209	0.215	0.216	0.209	2.90
6) Bromomethane	0.141	0.117	0.094	0.102	0.110	0.127	0.139	0.119	0.118	14.18
7) Chloroethane	0.112	0.149	0.146	0.151	0.144			0.124	0.137	11.54
8) Trichloroflu		0.290	0.268	0.291	0.278	0.289	0.302	0.223	0.277	9.53
9) Ethyl Ether	0.140	0.145	0.160	0.161	0.149	0.155	0.166	0.136	0.151	7.16
10) Ethanol			0.002	0.002	0.002	0.002	0.002		0.002	12.87
11) 1,2-Dichloro		0.190	0.208	0.208	0.191	0.195	0.208	0.180	0.197	5.64
12) 1,1-Dichloro	0.187	0.274	0.293	0.293	0.272	0.281	0.306	0.240	0.268	14.35
13) Freon 113	0.089	0.179	0.192	0.197	0.184	0.187	0.206	0.150	0.173	21.80
---- Quadratic regression ---- Coefficient = 0.9984										
Response Ratio = -0.00149 + 0.18528 *A + 0.00842 *A^2										
14) Carbon Disul	0.436	0.505	0.546	0.559	0.539	0.566	0.633	0.493	0.535	10.90
15) Iodomethane		0.056	0.106	0.171	0.178	0.196	0.212		0.153	39.15
---- Quadratic regression ---- Coefficient = 0.9995										
Response Ratio = -0.01335 + 0.18064 *A + 0.01888 *A^2										
16) Acrolein		0.019	0.026	0.027	0.028	0.030	0.031	0.019	0.026	19.63
---- Linear regr., Force(0,0) ---- Coefficient = 0.9984										
Response Ratio = 0.00000 + 0.03018 *A										
17) Allyl chlori	0.200	0.317	0.284	0.336	0.316	0.328	0.326	0.293	0.300	14.74
18) Methylene Ch		0.378	0.388	0.327	0.295	0.294	0.303		0.331	12.79
19) Acetone		0.042	0.043	0.050	0.047	0.049	0.050		0.047	7.67
20) Methyl aceta		0.099	0.142	0.148	0.140	0.146	0.153	0.083	0.130	21.15
---- Linear regr., Force(0,0) ---- Coefficient = 0.9986										
Response Ratio = 0.00000 + 0.14965 *A										
21) trans-1,2-Di	0.206	0.248	0.295	0.295	0.269	0.281	0.296	0.256	0.268	11.67
22) Hexane	0.109	0.151	0.155	0.169	0.157	0.161	0.175	0.126	0.150	14.72
23) Methyl Tert	0.248	0.375	0.469	0.473	0.441	0.467	0.495	0.340	0.413	20.70
---- Linear regr., Force(0,0) ---- Coefficient = 0.9980										
Response Ratio = 0.00000 + 0.48072 *A										
24) Acetonitrile		0.022	0.022	0.026	0.025	0.027	0.027	0.019	0.024	12.41
25) Di-isopropyl	0.438	0.595	0.722	0.736	0.699	0.715	0.753	0.568	0.653	16.79
---- Linear regr., Force(0,0) ---- Coefficient = 0.9988										
Response Ratio = 0.00000 + 0.73620 *A										
26) Chloroprene		0.212	0.200	0.240	0.232	0.249	0.263	0.209	0.229	10.10
27) 1,1-Dichloro	0.261	0.362	0.379	0.372	0.348	0.354	0.376	0.317	0.346	11.46
28) Acrylonitril		0.056	0.066	0.068	0.067	0.070	0.073	0.028	0.061	25.43

```
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9990
              Response Ratio = 0.00000 + 0.07124 *A

29) ETBE              0.446 0.554 0.572 0.535 0.556 0.587 0.426 0.525  12.02
30) Tert Butyl A 0.014 0.014 0.016 0.017 0.016 0.018 0.020 0.012 0.016  15.15
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9949
              Response Ratio = 0.00000 + 0.01878 *A

31) Vinyl acetat      0.305 0.382 0.422 0.407 0.432 0.434 0.011 0.342  44.63
            ---- Quadratic regression ----  Coefficient =  0.9995
              Response Ratio = -0.08025 + 0.44556 *A + -0.00045 *A^2

32) cis-1,2-Dich 0.153 0.197 0.223 0.225 0.204 0.212 0.225 0.191 0.204  12.00
33) 2,2-Dichloro 0.158 0.225 0.245 0.243 0.225 0.233 0.248 0.222 0.225  12.79
34) Bromochlorom 0.082 0.098 0.113 0.109 0.098 0.094 0.096 0.099 0.099   9.53
35) Cyclohexane  0.167 0.318 0.356 0.372 0.349 0.359 0.386 0.256 0.320  23.12
            ---- Quadratic regression ----  Coefficient =  0.9990
              Response Ratio = -0.00349 + 0.35216 *A + 0.01499 *A^2

36) Chloroform   0.260 0.335 0.366 0.360 0.331 0.341 0.359 0.309 0.333  10.41
37) Ethyl acetat      0.149 0.185 0.194 0.191 0.201 0.208 0.097 0.175  22.50
            ---- Quadratic regression ----  Coefficient =  0.9997
              Response Ratio = -0.01926 + 0.19397 *A + 0.00153 *A^2

38) Tetrahydrofu      0.062 0.067 0.073 0.065 0.064 0.067 0.046 0.063  13.41
39) Dibromofluor 0.296 0.300 0.294 0.292 0.294 0.293 0.291 0.294 0.294   0.97
40) Carbon Tetra 0.127 0.218 0.251 0.246 0.233 0.243 0.266 0.205 0.224  19.45
            ---- Quadratic regression ----  Coefficient =  0.9986
              Response Ratio = -0.00146 + 0.23092 *A + 0.01566 *A^2

41) 1,1,1-Trichl 0.194 0.273 0.285 0.278 0.260 0.270 0.292 0.242 0.262  11.95
42) 2-Butanone   0.040 0.077 0.064 0.085 0.081 0.084 0.088 0.050 0.071  25.27
            ---- Quadratic regression ----  Coefficient =  0.9985
              Response Ratio = -0.00464 + 0.07934 *A + 0.00089 *A^2

43) 1,1-Dichloro 0.131 0.214 0.233 0.235 0.220 0.233 0.247 0.169 0.210  18.91
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9979
              Response Ratio = 0.00000 + 0.23975 *A

44) tert-Butyl f 0.034 0.041 0.037 0.035 0.035 0.039 0.043 0.028 0.037  12.21
45) Propionitril      0.026 0.025 0.029 0.027 0.028 0.028 0.020 0.026  11.64
46) Methacryloni 0.092 0.137 0.126 0.143 0.135 0.137 0.137 0.118 0.128  12.96
47) Benzene      0.563 0.736 0.834 0.810 0.750 0.770 0.804 0.705 0.747  11.42
48) TAME              0.389 0.470 0.469 0.450 0.471 0.501 0.335 0.441  13.14
49) 1,2-Dichloro 0.269 0.269 0.265 0.265 0.266 0.251 0.246 0.271 0.262   3.51
50) 1,2-Dichloro 0.176 0.212 0.237 0.234 0.212 0.222 0.228 0.206 0.216   9.05
51) tert Amyl al      0.007 0.009 0.009 0.010 0.010 0.011 0.008 0.009  16.82
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9972
              Response Ratio = 0.00000 + 0.01078 *A

52) Trichloroeth 0.201 0.199 0.213 0.209 0.194 0.200 0.212 0.206 0.204   3.34
53) Methylcycloh 0.136 0.259 0.286 0.302 0.289 0.307 0.333 0.202 0.264  24.55
            ---- Quadratic regression ----  Coefficient =  0.9993
              Response Ratio = -0.00282 + 0.28235 *A + 0.02394 *A^2

54) Dibromometha 0.071 0.112 0.130 0.128 0.118 0.122 0.127 0.108 0.115  16.84
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9987
              Response Ratio = 0.00000 + 0.12490 *A

55) 1,2-Dichloro 0.126 0.193 0.226 0.220 0.205 0.210 0.222 0.183 0.198  16.40
```

```
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9984
              Response Ratio = 0.00000 + 0.21670 *A

56) Bromodichlor 0.157 0.209 0.241 0.245 0.231 0.245 0.260 0.186 0.222  15.89
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9979
              Response Ratio = 0.00000 + 0.25210 *A

57) Methyl metha       0.100 0.107 0.142 0.144 0.163 0.170 0.007 0.119  46.89
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9977
              Response Ratio = 0.00000 + 0.16368 *A

58) 1,4-Dioxane              0.002 0.002 0.002 0.002 0.002       0.002   5.03
59) 2-Chloroethy 0.029 0.051 0.036 0.031 0.028 0.026 0.026 0.027 0.032  27.27
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9969
              Response Ratio = 0.00000 + 0.02647 *A

60) cis-1,3-Dich 0.134 0.233 0.283 0.294 0.284 0.298 0.319 0.169 0.252  26.67
            ---- Quadratic regression ----  Coefficient =  0.9993
              Response Ratio = -0.00333 + 0.27878 *A + 0.01957 *A^2


61) I   Chlorobenzene-d5      ----------------ISTD---------------------
62) Toluene-d8   1.191 1.174 1.237 1.249 1.226 1.228 1.238 1.187 1.216   2.30
63) Toluene      0.798 0.996 1.121 1.109 1.029 1.056 1.117 0.944 1.021  10.76
64) Isobutyl alc 0.011 0.009 0.011 0.011 0.010 0.011 0.012 0.008 0.010  11.75
65) 2-Nitropropa 0.026 0.031 0.048 0.052 0.051 0.053 0.056 0.027 0.043  29.06
            ---- Quadratic regression ----  Coefficient =  0.9983
              Response Ratio = -0.00348 + 0.04912 *A + 0.00069 *A^2

66) 4-Methyl-2-p 0.115 0.193 0.212 0.250 0.239 0.247 0.253 0.139 0.206  25.90
            ---- Quadratic regression ----  Coefficient =  0.9993
              Response Ratio = -0.01605 + 0.23901 *A + 0.00157 *A^2

67) trans-1,3-Di 0.138 0.239 0.324 0.346 0.322 0.351 0.363 0.174 0.282  30.87
            ---- Quadratic regression ----  Coefficient =  0.9988
              Response Ratio = -0.00477 + 0.32592 *A + 0.01961 *A^2

68) Tetrachloroe 0.209 0.284 0.329 0.342 0.318 0.336 0.357 0.268 0.305  16.05
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9980
              Response Ratio = 0.00000 + 0.34657 *A

69) Ethyl methac       0.161 0.179 0.231 0.229 0.252 0.265       0.220  18.71
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9982
              Response Ratio = 0.00000 + 0.25608 *A

70) 1,1,2-Trichl 0.110 0.179 0.214 0.209 0.195 0.204 0.207 0.165 0.185  18.74
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9995
              Response Ratio = 0.00000 + 0.20471 *A

71) Dibromochlor 0.141 0.202 0.253 0.274 0.256 0.278 0.293 0.181 0.235  22.97
            ---- Quadratic regression ----  Coefficient =  0.9991
              Response Ratio = -0.00264 + 0.25360 *A + 0.01982 *A^2

72) 1,3-Dichloro 0.255 0.332 0.410 0.415 0.380 0.392 0.403 0.322 0.364  15.37
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9992
              Response Ratio = 0.00000 + 0.39837 *A

73) 1,2-Dibromoe       0.195 0.251 0.251 0.238 0.247 0.256 0.169 0.229  14.70
74) 3,3-Dimethyl 0.020 0.009 0.009 0.010 0.012 0.013 0.016 0.013 0.013  28.71
            ---- Quadratic regression ----  Coefficient =  0.9994
```

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICC2317
Lab FileID: 5E52183.D

```
              Response Ratio = 0.01113 + 0.00746 *A + 0.00008 *A^2

75) 2-hexanone         0.109 0.122 0.151 0.152 0.160 0.165 0.055 0.131  29.87
            ---- Quadratic regression ----  Coefficient =  0.9997
              Response Ratio = -0.02081 + 0.15151 *A + 0.00156 *A^2

76) 1-Chlorohexa 0.103 0.222 0.280 0.318 0.303 0.329 0.358 0.169 0.260  33.87
            ---- Quadratic regression ----  Coefficient =  0.9991
              Response Ratio = -0.00426 + 0.28872 *A + 0.03444 *A^2

77) Ethylbenzene 0.915 1.021 1.166 1.188 1.093 1.152 1.199 0.883 1.077  11.54
78) Chlorobenzen 0.531 0.651 0.764 0.763 0.702 0.719 0.747 0.619 0.687  11.90
79) 1,1,1,2-Tetr 0.141 0.214 0.269 0.270 0.251 0.262 0.276 0.181 0.233  21.29
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9986
              Response Ratio = 0.00000 + 0.26923 *A

80) m,p-Xylene   0.607 0.729 0.865 0.905 0.834 0.875 0.915 0.679 0.801  14.34
81) o-Xylene     0.551 0.718 0.887 0.910 0.848 0.898 0.936 0.646 0.799  17.87
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9987
              Response Ratio = 0.00000 + 0.91566 *A

82) Styrene      0.314 0.453 0.610 0.685 0.640 0.689 0.730 0.373 0.562  28.29
            ---- Quadratic regression ----  Coefficient =  0.9987
              Response Ratio = -0.00839 + 0.62824 *A + 0.05150 *A^2

83) Bromoform    0.082 0.126 0.168 0.176 0.173 0.187 0.196 0.113 0.152  26.58
            ---- Quadratic regression ----  Coefficient =  0.9994
              Response Ratio = -0.00202 + 0.16690 *A + 0.01497 *A^2

84) Isopropylben 0.592 0.851 1.048 1.117 1.034 1.106 1.147 0.731 0.953  21.48
            ---- Quadratic regression ----  Coefficient =  0.9991
              Response Ratio = -0.01083 + 1.05017 *A + 0.04886 *A^2


85) I   1,4-Dichlorobenzene-d ----------------ISTD---------------------
86) 4-Bromofluor 0.785 0.779 0.777 0.778 0.794 0.809 0.837 0.776 0.792   2.70
87) cis-1,4-Dich             0.121 0.134 0.129 0.141 0.152       0.135   8.70
88) n-Propylbenz 1.604 2.029 2.197 2.304 2.184 2.300 2.487 1.800 2.113  13.70
89) Bromobenzene 0.340 0.515 0.580 0.572 0.531 0.549 0.590 0.475 0.519  15.73
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9975
              Response Ratio = 0.00000 + 0.57207 *A

90) 1,1,2,2-Tetr 0.409 0.500 0.606 0.574 0.537 0.548 0.577 0.483 0.529  11.95
91) 1,3,5-Trimet 0.979 1.286 1.476 1.525 1.486 1.557 1.692 1.126 1.391  17.26
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9968
              Response Ratio = 0.00000 + 1.62657 *A

92) 2-Chlorotolu 1.020 1.332 1.520 1.555 1.448 1.529 1.662 1.347 1.427  13.81
93) trans-1,4-Di       0.084 0.129 0.121 0.122 0.122 0.133       0.118  14.95
94) 1,2,3-Trichl       0.122 0.169 0.154 0.146 0.150 0.161 0.116 0.146  13.45
95) Cyclohexanon       0.010 0.011 0.011 0.012 0.012 0.014       0.012  11.64
96) 4-Chlorotolu 0.658 1.110 1.320 1.356 1.308 1.376 1.502 1.140 1.221  21.32
            ---- Quadratic regression ----  Coefficient =  0.9991
              Response Ratio = -0.00952 + 1.26261 *A + 0.11223 *A^2

97) a-Methyl sty                                                0.000  -1.00
98) tert-Butylbe 0.582 0.700 0.730 0.800 0.768 0.811 0.894 0.640 0.741  13.49
99) 1,2,4-Trimet 0.901 1.205 1.431 1.525 1.444 1.545 1.684 1.022 1.345  20.39
            ---- Linear regr., Force(0,0) ----  Coefficient =  0.9963
              Response Ratio = 0.00000 + 1.61424 *A
```

Initial Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICC2317
Lab FileID: 5E52183.D

```
100) Pentachloroe       0.233 0.234 0.275 0.262 0.273 0.284 0.240 0.257   8.19
101) sec-Butylben 1.103 1.621 1.804 1.894 1.790 1.913 2.069 1.412 1.701  18.38
             ---- Linear regr., Force(0,0) ----  Coefficient =  0.9967
               Response Ratio = 0.00000 + 1.99044 *A

102) 4-Isopropylt 0.799 1.281 1.432 1.557 1.475 1.597 1.740 1.047 1.366  22.76
             ---- Quadratic regression ----  Coefficient =  0.9993
               Response Ratio = -0.01266 + 1.41652 *A + 0.15661 *A^2

103) 1,3-Dichloro 0.645 0.868 0.989 0.999 0.938 0.980 1.047 0.779 0.906  14.92
104) 1,2,3-Trimet 1.059 1.450 1.603 1.619 1.542 1.617 1.743 1.248 1.485  15.21
             ---- Linear regr., Force(0,0) ----  Coefficient =  0.9973
               Response Ratio = 0.00000 + 1.68245 *A

105) 1,4-Dichloro 0.938 1.055 1.118 1.093 1.020 1.026 1.105 1.016 1.046   5.66
106) n-Butylbenze 0.184 0.584 0.692 0.782 0.740 0.819 0.888 0.470 0.645  35.47
             ---- Quadratic regression ----  Coefficient =  0.9993
               Response Ratio = -0.01035 + 0.71144 *A + 0.08803 *A^2

107) Benzyl Chlor       0.116 0.158 0.177 0.181 0.195 0.217 0.076 0.160  30.30
             ---- Quadratic regression ----  Coefficient =  0.9995
               Response Ratio = -0.00385 + 0.16623 *A + 0.02552 *A^2

108) 1,2-Dichloro 0.649 0.871 1.003 0.987 0.914 0.953 1.017 0.793 0.899  13.95
109) 1,2-Dibromo-       0.051 0.069 0.071 0.069 0.073 0.079       0.069  13.81
110) Hexachlorobu 0.157 0.201 0.189 0.213 0.194 0.204 0.227 0.213 0.200  10.47
111) 1,2,4-Trichl       0.440 0.500 0.501 0.508 0.545 0.590 0.400 0.498  12.63
112) Naphthalene        0.907 1.018 1.100 1.136 1.219 1.358       1.123  13.97
113) 1,2,3-Trichl       0.377 0.416 0.433 0.432 0.458 0.495 0.374 0.427  10.09
 ---------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

           V5E2317_09172025_.M        Thu Sep 18 11:57:21 2025
```

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICV2317
Lab FileID: 5E52189.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\09-17-2025\5E52189.D Vial: 15
Acq On : 17 Sep 2025 9:14 pm Operator: davidw
Sample : ICV2317-5 Inst : MSVOA20_5E
Misc : MS59904,V5E2317,,,,, Multiplr: 1.00
MS Integration Params: ult...ll.p

Method : C:\msdchem\1\met...2317_09172025_.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Thu Sep 18 11:42:31 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	113	0.00	8.45
2	Dichlorodifluoromethane		----------NA----------				
3	Chloromethane	0.318	0.326	-2.5	111	0.00	3.14
4	Vinyl Chloride	0.222	0.228	-2.7	112	0.00	3.26
5	1,3-Butadiene		----------NA----------				
6	Bromomethane	0.118	0.118	0.0	121	0.00	3.77
7	Chloroethane	0.137	0.152	-10.9	119	0.00	3.94
8	Trichlorofluoromethane	0.277	0.275	0.7	111	0.00	4.16
9	Ethyl Ether	0.151	0.161	-6.6	122	0.00	4.57
10	Ethanol	0.002	0.002	0.0	99	0.00	4.77
11	1,2-Dichlorotrifluoroetha	0.197	0.228	-15.7	134	0.00	4.82
12	1,1-Dichloroethene	0.268	0.274	-2.2	113	0.00	4.86
	----------	Amount	Calc.	%Drift	----------		
13	Freon 113	40.000	41.033	-2.6	119	0.00	4.89
	----------	AvgRF	CCRF	%Dev	----------		
14	Carbon Disulfide	0.535	0.562	-5.0	117	0.00	4.92
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane	40.000	34.443	13.9	95	0.00	5.06
16	Acrolein	200.000	185.326	7.3	113	0.00	5.28
	----------	AvgRF	CCRF	%Dev	----------		
17	Allyl chloride		----------NA----------				
18	Methylene Chloride	0.331	0.312	5.7	119	0.00	5.59
19	Acetone	0.047	0.050	-6.4	120	0.00	5.64
	----------	Amount	Calc.	%Drift	----------		
20	Methyl acetate	200.000	216.731	-8.4	131	0.00	5.77
	----------	AvgRF	CCRF	%Dev	----------		
21	trans-1,2-Dichloroethene	0.268	0.285	-6.3	119	0.00	5.78
22	Hexane	0.150	0.162	-8.0	116	0.00	5.86
	----------	Amount	Calc.	%Drift	----------		
23	Methyl Tert Butyl Ether	40.000	38.480	3.8	118	0.00	5.89
	----------	AvgRF	CCRF	%Dev	----------		
24	Acetonitrile	0.024	0.027	-12.5	123	0.00	6.20
	----------	Amount	Calc.	%Drift	----------		

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25		Di-isopropyl ether	40.000	38.101	4.7	113	0.00	6.31
			AvgRF	CCRF	%Dev			
26		Chloroprene	0.229	0.252	-10.0	122	0.00	6.48
27		1,1-Dichloroethane	0.346	0.360	-4.0	117	0.00	6.51
			Amount	Calc.	%Drift			
28		Acrylonitrile	200.000	209.373	-4.7	126	0.00	6.57
			AvgRF	CCRF	%Dev			
29		ETBE	0.525	0.544	-3.6	114	0.00	6.73
			Amount	Calc.	%Drift			
30		Tert Butyl Alcohol	400.000	338.023	15.5	111	0.00	5.96
31		Vinyl acetate	200.000	190.218	4.9	111	0.00	6.76
			AvgRF	CCRF	%Dev			
32		cis-1,2-Dichloroethene	0.204	0.216	-5.9	119	0.00	7.12
33		2,2-Dichloropropane	0.225	0.226	-0.4	113	0.00	7.24
34		Bromochloromethane	0.099	0.098	1.0	112	0.00	7.34
			Amount	Calc.	%Drift			
35		Cyclohexane	40.000	38.631	3.4	112	0.00	7.36
			AvgRF	CCRF	%Dev			
36		Chloroform	0.333	0.349	-4.8	119	0.00	7.40
			Amount	Calc.	%Drift			
37		Ethyl acetate	200.000	202.352	-1.2	117	0.00	7.49
			AvgRF	CCRF	%Dev			
38		Tetrahydrofuran	0.063	0.063	0.0	109	0.00	7.59
39	S	Dibromofluoromethane	0.294	0.294	0.0	113	0.00	7.60
			Amount	Calc.	%Drift			
40		Carbon Tetrachloride	40.000	38.565	3.6	113	0.00	7.58
			AvgRF	CCRF	%Dev			
41		1,1,1-Trichloroethane	0.262	0.271	-3.4	117	0.00	7.65
			Amount	Calc.	%Drift			
42		2-Butanone	200.000	200.817	-0.4	114	0.00	7.72
43		1,1-Dichloropropene	40.000	42.247	-5.6	130	0.00	7.78
			AvgRF	CCRF	%Dev			
44		tert-Butyl formate	0.037	0.032	13.5	104	0.00	7.86
45		Propionitrile	0.026	0.029	-11.5	119	0.00	8.04
46		Methacrylonitrile	0.128	0.136	-6.3	114	0.00	8.06
47		Benzene	0.747	0.774	-3.6	116	0.00	8.04
48		TAME	0.441	0.440	0.2	110	0.00	8.11
49	S	1,2-Dichloroethane-d4	0.262	0.251	4.2	106	0.00	8.17
50		1,2-Dichloroethane	0.216	0.225	-4.2	120	0.00	8.25
			Amount	Calc.	%Drift			
51		tert Amyl alcohol	400.000	350.763	12.3	105	0.00	8.28
			AvgRF	CCRF	%Dev			
52		Trichloroethene	0.204	0.202	1.0	117	0.00	8.63
			Amount	Calc.	%Drift			

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Account: BHATALB Bhate Environmental
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Sample: V5E2317-ICV2317
Lab FileID: 5E52189.D

53		Methylcyclohexane	40.000	39.236	1.9	114	0.00	8.63
54		Dibromomethane	40.000	39.736	0.7	119	0.00	9.08
55		1,2-Dichloropropane	40.000	39.595	1.0	118	0.00	9.16
56		Bromodichloromethane	40.000	37.217	7.0	114	0.00	9.21
57		Methyl methacrylate	40.000	34.126	14.7	109	0.00	9.32
		----------	AvgRF	CCRF	%Dev	----------		
58		1,4-Dioxane	0.002	0.002	0.0	113	0.00	9.41
		----------	Amount	Calc.	%Drift	----------		
59		2-Chloroethyl vinyl ether	200.000	175.569	12.2	95	0.00	9.75
60		cis-1,3-Dichloropropene	40.000	40.030	-0.1	115	0.00	9.84
		----------	AvgRF	CCRF	%Dev	----------		
61	I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00	11.59
62	S	Toluene-d8	1.216	1.255	-3.2	114	0.00	10.03
63		Toluene	1.021	1.070	-4.8	115	0.00	10.08
64		Isobutyl alcohol	0.010	0.010	0.0	111	0.00	8.11
		----------	Amount	Calc.	%Drift	----------		
65		2-Nitropropane	200.000	211.406	-5.7	119	0.00	10.31
66		4-Methyl-2-pentanone	200.000	193.581	3.2	108	0.00	10.42
67		trans-1,3-Dichloropropene	40.000	40.808	-2.0	118	0.00	10.48
68		Tetrachloroethene	40.000	41.974	-4.9	127	0.00	10.48
69		Ethyl methacrylate	40.000	39.825	0.4	123	0.00	10.58
70		1,1,2-Trichloroethane	40.000	40.267	-0.7	117	0.00	10.64
71		Dibromochloromethane	40.000	41.644	-4.1	120	0.00	10.84
72		1,3-Dichloropropane	40.000	39.855	0.4	116	0.00	10.93
		----------	AvgRF	CCRF	%Dev	----------		
73		1,2-Dibromoethane	0.229	0.248	-8.3	116	0.00	11.11
		----------	Amount	Calc.	%Drift	----------		
74		3,3-Dimethyl-1-butanol	2000.000	1898.762	5.1	98	0.00	11.18
75		2-hexanone	200.000	194.093	3.0	108	0.00	11.24
76		1-Chlorohexane	40.000	40.380	-1.0	115	0.00	11.53
		----------	AvgRF	CCRF	%Dev	----------		
77		Ethylbenzene	1.077	1.134	-5.3	115	0.00	11.60
78		Chlorobenzene	0.687	0.731	-6.4	116	0.00	11.61
		----------	Amount	Calc.	%Drift	----------		
79		1,1,1,2-Tetrachloroethane	40.000	39.088	2.3	116	0.00	11.65
		----------	AvgRF	CCRF	%Dev	----------		
80		m,p-Xylene	0.801	0.869	-8.5	116	0.00	11.74
		----------	Amount	Calc.	%Drift	----------		
81		o-Xylene	40.000	38.508	3.7	115	0.00	12.18
82		Styrene	40.000	40.759	-1.9	117	0.00	12.23
83		Bromoform	40.000	38.987	2.5	110	0.00	12.29
84		Isopropylbenzene	40.000	40.578	-1.4	117	0.00	12.48
		----------	AvgRF	CCRF	%Dev	----------		
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00	13.95
86	S	4-Bromofluorobenzene	0.792	0.811	-2.4	113	0.00	12.81
87		cis-1,4-Dichloro-2-butene		----------NA----------				
88		n-Propylbenzene	2.113	2.295	-8.6	116	0.00	12.90

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICV2317
Lab FileID: 5E52189.D

		Amount	Calc.	%Drift			
89	Bromobenzene	40.000	38.699	3.3	115	0.00	12.93
		AvgRF	CCRF	%Dev			
90	1,1,2,2-Tetrachloroethane	0.529	0.545	-3.0	112	0.00	12.97
		Amount	Calc.	%Drift			
91	1,3,5-Trimethylbenzene	40.000	38.048	4.9	115	0.00	13.08
		AvgRF	CCRF	%Dev			
92	2-Chlorotoluene	1.427	1.531	-7.3	117	0.00	13.10
93	trans-1,4-Dichloro-2-Bute	0.118	0.130	-10.2	118	0.00	13.16
94	1,2,3-Trichloropropane	0.146	0.152	-4.1	114	0.00	13.14
95	Cyclohexanone	0.012	0.025	-108.3#	233#	0.00	13.21
		Amount	Calc.	%Drift			
96	4-Chlorotoluene	40.000	41.201	-3.0	117	0.00	13.26
		AvgRF	CCRF	%Dev			
97	a-Methyl styrene		----------NA----------				
98	tert-Butylbenzene	0.741	0.800	-8.0	115	0.00	13.43
		Amount	Calc.	%Drift			
99	1,2,4-Trimethylbenzene	40.000	39.499	1.3	122	0.00	13.50
		AvgRF	CCRF	%Dev			
100	Pentachloroethane	0.257	0.240	6.6	101	0.00	13.48
		Amount	Calc.	%Drift			
101	sec-Butylbenzene	40.000	36.087	9.8	111	0.00	13.61
102	4-Isopropyltoluene	40.000	39.205	2.0	112	0.00	13.74
		AvgRF	CCRF	%Dev			
103	1,3-Dichlorobenzene	0.906	0.966	-6.6	114	0.00	13.88
		Amount	Calc.	%Drift			
104	1,2,3-Trimethylbenzene	40.000	37.086	7.3	111	0.00	13.95
		AvgRF	CCRF	%Dev			
105	1,4-Dichlorobenzene	1.046	1.059	-1.2	114	0.00	13.97
		Amount	Calc.	%Drift			
106	n-Butylbenzene	40.000	41.273	-3.2	119	0.00	14.16
107	Benzyl Chloride	40.000	37.171	7.1	102	0.00	14.19
		AvgRF	CCRF	%Dev			
108	1,2-Dichlorobenzene	0.899	0.959	-6.7	116	0.00	14.38
109	1,2-Dibromo-3-Chloropropa	0.069	0.067	2.9	107	0.00	15.11
110	Hexachlorobutadiene	0.200	0.196	2.0	111	0.00	15.65
111	1,2,4-Trichlorobenzene	0.498	0.518	-4.0	112	0.00	15.70
112	Naphthalene	1.123	1.093	2.7	106	0.00	16.00
113	1,2,3-Trichlorobenzene	0.427	0.430	-0.7	110	0.00	16.17

(#) = Out of Range SPCC's out = 0 CCC's out = 0
5E52183.D V5E2317_09172025_.M Thu Sep 18 11:57:10 2025

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICV2317
Lab FileID: 5E52190.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\09-17-2025\5E52190.D Vial: 16
Acq On : 17 Sep 2025 9:37 pm Operator: davidw
Sample : ICV2317-4 Inst : MSVOA20_5E
Misc : MS59904,V5E2317,,,,, Multiplr: 1.00
MS Integration Params: ult...ll.p

Method : C:\msdchem\1\met...2317_09172025_.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Thu Sep 18 11:42:31 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	126	0.00	8.45
2	Dichlorodifluoromethane	0.251	0.197	21.5#	90	0.00	2.80
3	Chloromethane		----------NA----------				
4	Vinyl Chloride		----------NA----------				
5	1,3-Butadiene	0.209	0.169	19.1	100	0.00	3.29
6	Bromomethane		----------NA----------				
7	Chloroethane		----------NA----------				
8	Trichlorofluoromethane		----------NA----------				
9	Ethyl Ether		----------NA----------				
10	Ethanol		----------NA----------				
11	1,2-Dichlorotrifluoroetha		----------NA----------				
12	1,1-Dichloroethene		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
13	Freon 113		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
14	Carbon Disulfide		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
15	Iodomethane		----------NA----------				
16	Acrolein		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
17	Allyl chloride	0.300	0.241	19.7	90	0.00	5.45
18	Methylene Chloride		----------NA----------				
19	Acetone		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
20	Methyl acetate		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
21	trans-1,2-Dichloroethene		----------NA----------				
22	Hexane		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		
23	Methyl Tert Butyl Ether		----------NA----------				
	----------	AvgRF	CCRF	%Dev	----------		
24	Acetonitrile		----------NA----------				
	----------	Amount	Calc.	%Drift	----------		

25		Di-isopropyl ether		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
26		Chloroprene		----------NA----------				
27		1,1-Dichloroethane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
28		Acrylonitrile		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
29		ETBE		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
30		Tert Butyl Alcohol		----------NA----------				
31		Vinyl acetate		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
32		cis-1,2-Dichloroethene		----------NA----------				
33		2,2-Dichloropropane		----------NA----------				
34		Bromochloromethane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
35		Cyclohexane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
36		Chloroform		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
37		Ethyl acetate		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
38		Tetrahydrofuran		----------NA----------				
39	S	Dibromofluoromethane	0.294	0.292	0.7	126	0.00	7.60
		----------	Amount	Calc.	%Drift	----------		
40		Carbon Tetrachloride		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
41		1,1,1-Trichloroethane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
42		2-Butanone		----------NA----------				
43		1,1-Dichloropropene		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
44		tert-Butyl formate		----------NA----------				
45		Propionitrile		----------NA----------				
46		Methacrylonitrile		----------NA----------				
47		Benzene		----------NA----------				
48		TAME		----------NA----------				
49	S	1,2-Dichloroethane-d4	0.262	0.260	0.8	124	0.00	8.17
50		1,2-Dichloroethane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
51		tert Amyl alcohol		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
52		Trichloroethene		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
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Sample: V5E2317-ICV2317
Lab FileID: 5E52190.D

53		Methylcyclohexane		----------NA----------				
54		Dibromomethane		----------NA----------				
55		1,2-Dichloropropane		----------NA----------				
56		Bromodichloromethane		----------NA----------				
57		Methyl methacrylate		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
58		1,4-Dioxane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
59		2-Chloroethyl vinyl ether		----------NA----------				
60		cis-1,3-Dichloropropene		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
61	I	Chlorobenzene-d5	1.000	1.000	0.0	124	0.00	11.59
62	S	Toluene-d8	1.216	1.257	-3.4	125	0.00	10.03
63		Toluene		----------NA----------				
64		Isobutyl alcohol		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
65		2-Nitropropane		----------NA----------				
66		4-Methyl-2-pentanone		----------NA----------				
67		trans-1,3-Dichloropropene		----------NA----------				
68		Tetrachloroethene		----------NA----------				
69		Ethyl methacrylate		----------NA----------				
70		1,1,2-Trichloroethane		----------NA----------				
71		Dibromochloromethane		----------NA----------				
72		1,3-Dichloropropane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
73		1,2-Dibromoethane		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
74		3,3-Dimethyl-1-butanol		----------NA----------				
75		2-hexanone		----------NA----------				
76		1-Chlorohexane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
77		Ethylbenzene		----------NA----------				
78		Chlorobenzene		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
79		1,1,1,2-Tetrachloroethane		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
80		m,p-Xylene		----------NA----------				
		----------	Amount	Calc.	%Drift	----------		
81		o-Xylene		----------NA----------				
82		Styrene		----------NA----------				
83		Bromoform		----------NA----------				
84		Isopropylbenzene		----------NA----------				
		----------	AvgRF	CCRF	%Dev	----------		
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00	13.95
86	S	4-Bromofluorobenzene	0.792	0.817	-3.2	125	0.00	12.81
87		cis-1,4-Dichloro-2-butene	0.135	0.162	-20.0	144	0.00	12.84
88		n-Propylbenzene		----------NA----------				

Initial Calibration Verification

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2317-ICV2317
Lab FileID: 5E52190.D

		Amount	Calc.	%Drift
89	Bromobenzene		NA	

		AvgRF	CCRF	%Dev
90	1,1,2,2-Tetrachloroethane		NA	

		Amount	Calc.	%Drift
91	1,3,5-Trimethylbenzene		NA	

		AvgRF	CCRF	%Dev
92	2-Chlorotoluene		NA	
93	trans-1,4-Dichloro-2-Bute		NA	
94	1,2,3-Trichloropropane		NA	
95	Cyclohexanone		NA	

		Amount	Calc.	%Drift
96	4-Chlorotoluene		NA	

		AvgRF	CCRF	%Dev
97	a-Methyl styrene		NA	
98	tert-Butylbenzene		NA	

		Amount	Calc.	%Drift
99	1,2,4-Trimethylbenzene		NA	

		AvgRF	CCRF	%Dev
100	Pentachloroethane		NA	

		Amount	Calc.	%Drift
101	sec-Butylbenzene		NA	
102	4-Isopropyltoluene		NA	

		AvgRF	CCRF	%Dev
103	1,3-Dichlorobenzene		NA	

		Amount	Calc.	%Drift
104	1,2,3-Trimethylbenzene		NA	

		AvgRF	CCRF	%Dev
105	1,4-Dichlorobenzene		NA	

		Amount	Calc.	%Drift
106	n-Butylbenzene		NA	
107	Benzyl Chloride		NA	

		AvgRF	CCRF	%Dev
108	1,2-Dichlorobenzene		NA	
109	1,2-Dibromo-3-Chloropropa		NA	
110	Hexachlorobutadiene		NA	
111	1,2,4-Trichlorobenzene		NA	
112	Naphthalene		NA	
113	1,2,3-Trichlorobenzene		NA	

(#) = Out of Range SPCC's out = 0 CCC's out = 0
5E52182.D V5E2317_09172025_.M Thu Sep 18 11:56:57 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-CC2317
Lab FileID: 5E52469.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\09-30-2025\5E52469.D Vial: 2
Acq On : 30 Sep 2025 12:41 pm Operator: davidw
Sample : CC2317-4 Inst : MSVOA20_5E
Misc : MS60026,V5E2326,,,,, Multiplr: 1.00
MS Integration Params: ult...ll.p

Method : C:\msdchem\1\met...2317_09172025_.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Thu Sep 18 11:42:31 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	63	0.00	8.45
2	Dichlorodifluoromethane	0.251	0.326	-29.9#	75	0.00	2.80
3	Chloromethane	0.318	0.293	7.9	52	0.00	3.13
4	Vinyl Chloride	0.222	0.222	0.0	58	0.00	3.26
5	1,3-Butadiene	0.209	0.141	32.5#	42#	0.00	3.29
6	Bromomethane	0.118	0.093	21.2#	58	0.00	3.76
7	Chloroethane	0.137	0.112	18.2	47#	0.00	3.94
8	Trichlorofluoromethane	0.277	0.377	-36.1#	82	0.00	4.16
9	Ethyl Ether	0.151	0.145	4.0	57	0.00	4.57
10	Ethanol	0.002	0.001	50.0#	45#	0.00	4.78
11	1,2-Dichlorotrifluoroetha	0.197	0.193	2.0	59	0.00	4.82
12	1,1-Dichloroethene	0.268	0.313	-16.8	67	0.00	4.86
		Amount	Calc.	%Drift			
13	Freon 113	25.000	29.487	-17.9	71	0.00	4.89
		AvgRF	CCRF	%Dev			
14	Carbon Disulfide	0.535	0.587	-9.7	66	0.00	4.92
		Amount	Calc.	%Drift			
15	Iodomethane	25.000	28.021	-12.1	69	0.00	5.05
16	Acrolein	125.000	100.470	19.6	56	0.00	5.28
		AvgRF	CCRF	%Dev			
17	Allyl chloride	0.300	0.254	15.3	48#	0.00	5.45
18	Methylene Chloride	0.331	0.292	11.8	56	0.00	5.58
19	Acetone	0.047	0.042	10.6	52	0.00	5.64
		Amount	Calc.	%Drift			
20	Methyl acetate	125.000	94.693	24.2#	48	0.00	5.77
		AvgRF	CCRF	%Dev			
21	trans-1,2-Dichloroethene	0.268	0.281	-4.9	60	0.00	5.78
22	Hexane	0.150	0.168	-12.0	63	0.00	5.86
		Amount	Calc.	%Drift			
23	Methyl Tert Butyl Ether	25.000	24.781	0.9	64	0.00	5.88
		AvgRF	CCRF	%Dev			
24	Acetonitrile	0.024	0.019	20.8#	47#	0.00	6.20
		Amount	Calc.	%Drift			

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-CC2317
Lab FileID: 5E52469.D

25		Di-isopropyl ether	25.000	21.963	12.1	55	0.00	6.31
			AvgRF	CCRF	%Dev			
26		Chloroprene	0.229	0.241	-5.2	63	0.00	6.48
27		1,1-Dichloroethane	0.346	0.362	-4.6	62	0.00	6.51
			Amount	Calc.	%Drift			
28		Acrylonitrile	125.000	97.594	21.9#	52	0.00	6.57
			AvgRF	CCRF	%Dev			
29		ETBE	0.525	0.552	-5.1	61	0.00	6.73
			Amount	Calc.	%Drift			
30		Tert Butyl Alcohol	250.000	169.844	32.1#	48	0.00	5.96
31		Vinyl acetate	125.000	120.778	3.4	59	0.00	6.76
			AvgRF	CCRF	%Dev			
32		cis-1,2-Dichloroethene	0.204	0.220	-7.8	62	0.00	7.13
33		2,2-Dichloropropane	0.225	0.288	-28.0#	75	0.00	7.24
34		Bromochloromethane	0.099	0.114	-15.2	66	0.00	7.34
			Amount	Calc.	%Drift			
35		Cyclohexane	25.000	24.489	2.0	59	0.00	7.36
			AvgRF	CCRF	%Dev			
36		Chloroform	0.333	0.389	-16.8	68	0.00	7.40
			Amount	Calc.	%Drift			
37		Ethyl acetate	125.000	107.169	14.3	52	0.00	7.50
			AvgRF	CCRF	%Dev			
38		Tetrahydrofuran	0.063	0.055	12.7	47#	0.00	7.59
39	S	Dibromofluoromethane	0.294	0.311	-5.8	67	0.00	7.60
			Amount	Calc.	%Drift			
40		Carbon Tetrachloride	25.000	31.696	-26.8#	78	0.00	7.58
			AvgRF	CCRF	%Dev			
41		1,1,1-Trichloroethane	0.262	0.331	-26.3#	75	0.00	7.64
			Amount	Calc.	%Drift			
42		2-Butanone	125.000	101.388	18.9	47	0.00	7.72
43		1,1-Dichloropropene	25.000	25.343	-1.4	65	0.00	7.78
			AvgRF	CCRF	%Dev			
44		tert-Butyl formate	0.037	0.069	-86.5#	124	0.00	7.86
45		Propionitrile	0.026	0.024	7.7	52	0.00	8.05
46		Methacrylonitrile	0.128	0.119	7.0	52	0.00	8.06
47		Benzene	0.747	0.780	-4.4	61	0.00	8.04
48		TAME	0.441	0.465	-5.4	63	0.00	8.11
49	S	1,2-Dichloroethane-d4	0.262	0.311	-18.7	74	0.00	8.17
50		1,2-Dichloroethane	0.216	0.266	-23.1#	72	0.00	8.24
			Amount	Calc.	%Drift			
51		tert Amyl alcohol	250.000	191.137	23.5#	55	0.00	8.28
			AvgRF	CCRF	%Dev			
52		Trichloroethene	0.204	0.221	-8.3	67	0.00	8.63
			Amount	Calc.	%Drift			

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-CC2317
Lab FileID: 5E52469.D

53		Methylcyclohexane	25.000	26.618	-6.5	64	0.00	8.63
54		Dibromomethane	25.000	25.478	-1.9	63	0.00	9.08
55		1,2-Dichloropropane	25.000	23.028	7.9	57	0.00	9.17
56		Bromodichloromethane	25.000	26.629	-6.5	69	0.00	9.21
57		Methyl methacrylate	25.000	19.639	21.4#	57	0.00	9.33
		----------	AvgRF	CCRF	%Dev	----------		
58		1,4-Dioxane	0.002	0.002	0.0	48#	0.00	9.41
		----------	Amount	Calc.	%Drift	----------		
59		2-Chloroethyl vinyl ether	125.000	363.718	-191.0#	159	0.00	9.74
60		cis-1,3-Dichloropropene	25.000	26.536	-6.1	64	0.00	9.84
		----------	AvgRF	CCRF	%Dev	----------		
61	I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00	11.59
62	S	Toluene-d8	1.216	1.226	-0.8	64	0.00	10.03
63		Toluene	1.021	1.090	-6.8	64	0.00	10.08
64		Isobutyl alcohol	0.010	0.011	-10.0	62	0.00	8.10
		----------	Amount	Calc.	%Drift	----------		
65		2-Nitropropane	125.000	132.378	-5.9	65	0.00	10.31
66		4-Methyl-2-pentanone	125.000	107.489	14.0	52	0.00	10.42
67		trans-1,3-Dichloropropene	25.000	26.926	-7.7	66	0.00	10.48
68		Tetrachloroethene	25.000	22.820	8.7	60	0.00	10.48
69		Ethyl methacrylate	25.000	19.821	20.7#	57	0.00	10.59
70		1,1,2-Trichloroethane	25.000	23.786	4.9	60	0.00	10.64
71		Dibromochloromethane	25.000	27.339	-9.4	67	0.00	10.84
72		1,3-Dichloropropane	25.000	24.402	2.4	61	0.00	10.93
		----------	AvgRF	CCRF	%Dev	----------		
73		1,2-Dibromoethane	0.229	0.240	-4.8	62	0.00	11.11
		----------	Amount	Calc.	%Drift	----------		
74		3,3-Dimethyl-1-butanol	1250.000	1308.747	-4.7	72	0.00	11.18
75		2-hexanone	125.000	106.562	14.8	53	0.00	11.25
76		1-Chlorohexane	25.000	27.038	-8.2	66	0.00	11.53
		----------	AvgRF	CCRF	%Dev	----------		
77		Ethylbenzene	1.077	1.192	-10.7	65	0.00	11.60
78		Chlorobenzene	0.687	0.753	-9.6	64	0.00	11.61
		----------	Amount	Calc.	%Drift	----------		
79		1,1,1,2-Tetrachloroethane	25.000	26.200	-4.8	68	0.00	11.65
		----------	AvgRF	CCRF	%Dev	----------		
80		m,p-Xylene	0.801	0.926	-15.6	66	0.00	11.74
		----------	Amount	Calc.	%Drift	----------		
81		o-Xylene	25.000	25.511	-2.0	67	0.00	12.19
82		Styrene	25.000	26.565	-6.3	65	0.00	12.23
83		Bromoform	25.000	26.090	-4.4	66	0.00	12.29
84		Isopropylbenzene	25.000	27.474	-9.9	68	0.00	12.48
		----------	AvgRF	CCRF	%Dev	----------		
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00	13.95
86	S	4-Bromofluorobenzene	0.792	0.800	-1.0	67	0.00	12.81
87		cis-1,4-Dichloro-2-butene	0.135	0.150	-11.1	73	0.00	12.84
88		n-Propylbenzene	2.113	2.347	-11.1	67	0.00	12.90

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-CC2317
Lab FileID: 5E52469.D

		Amount	Calc.	%Drift			
89	Bromobenzene	25.000	24.333	2.7	64	0.00	12.93
		AvgRF	CCRF	%Dev			
90	1,1,2,2-Tetrachloroethane	0.529	0.507	4.2	58	0.00	12.97
		Amount	Calc.	%Drift			
91	1,3,5-Trimethylbenzene	25.000	24.932	0.3	70	0.00	13.09
		AvgRF	CCRF	%Dev			
92	2-Chlorotoluene	1.427	1.606	-12.5	68	0.00	13.10
93	trans-1,4-Dichloro-2-Bute	0.118	0.121	-2.5	66	0.00	13.17
94	1,2,3-Trichloropropane	0.146	0.154	-5.5	66	0.00	13.14
95	Cyclohexanone	0.012	0.009	25.0#	49#	0.00	13.21
		Amount	Calc.	%Drift			
96	4-Chlorotoluene	25.000	27.594	-10.4	70	0.00	13.27
		AvgRF	CCRF	%Dev			
97	a-Methyl styrene		----------NA----------				
98	tert-Butylbenzene	0.741	0.871	-17.5	71	0.00	13.43
		Amount	Calc.	%Drift			
99	1,2,4-Trimethylbenzene	25.000	24.690	1.2	69	0.00	13.50
		AvgRF	CCRF	%Dev			
100	Pentachloroethane	0.257	0.318	-23.7#	76	0.00	13.48
		Amount	Calc.	%Drift			
101	sec-Butylbenzene	25.000	24.885	0.5	69	0.00	13.61
102	4-Isopropyltoluene	25.000	28.265	-13.1	71	0.00	13.74
		AvgRF	CCRF	%Dev			
103	1,3-Dichlorobenzene	0.906	1.015	-12.0	67	0.00	13.88
		Amount	Calc.	%Drift			
104	1,2,3-Trimethylbenzene	25.000	25.743	-3.0	70	0.00	13.95
		AvgRF	CCRF	%Dev			
105	1,4-Dichlorobenzene	1.046	1.116	-6.7	67	0.00	13.97
		Amount	Calc.	%Drift			
106	n-Butylbenzene	25.000	27.456	-9.8	68	0.00	14.17
107	Benzyl Chloride	25.000	26.565	-6.3	68	0.00	14.19
		AvgRF	CCRF	%Dev			
108	1,2-Dichlorobenzene	0.899	1.000	-11.2	66	0.00	14.38
109	1,2-Dibromo-3-Chloropropa	0.069	0.064	7.2	60	0.00	15.11
110	Hexachlorobutadiene	0.200	0.231	-15.5	71	0.00	15.65
111	1,2,4-Trichlorobenzene	0.498	0.525	-5.4	69	0.00	15.71
112	Naphthalene	1.123	1.066	5.1	64	0.00	16.01
113	1,2,3-Trichlorobenzene	0.427	0.433	-1.4	66	0.00	16.17

(#) = Out of Range SPCC's out = 0 CCC's out = 0
5E52182.D V5E2317_09172025_.M Tue Sep 30 13:01:11 2025

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-ECC2317
Lab FileID: 5E52499.D

Evaluate Continuing Calibration Report

Data File : Y:\gbs\GBS Manila Da...326\V5E2326\5E52499.d Vial: 32
Acq On : 1 Oct 2025 12:07 am Operator: davidw
Sample : ECC2317-4 Inst : MSVOA20_5E
Misc : MS60043,V5E2326,,,,, Multiplr: 1.00
MS Integration Params: ult...ll.p

Method : Y:\gbs\GBS Manil...2317_09172025_.M (RTE Integrator)
Title : SW-846 Method 5030/8260D & EPA 624.1
Last Update : Thu Sep 18 11:42:31 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	56	0.00	8.45
2	Dichlorodifluoromethane	0.251	0.303	-20.7	61	0.00	2.80
3	Chloromethane	0.318	0.254	20.1	40#	0.00	3.13
4	Vinyl Chloride	0.222	0.196	11.7	45#	0.00	3.26
5	1,3-Butadiene	0.209	0.129	38.3	34#	0.00	3.29
6	Bromomethane	0.118	0.069	41.5	38#	0.00	3.77
7	Chloroethane	0.137	0.105	23.4	39#	0.00	3.94
8	Trichlorofluoromethane	0.277	0.361	-30.3	69	0.00	4.16
9	Ethyl Ether	0.151	0.133	11.9	46#	0.00	4.58
10	Ethanol	0.002	0.002	0.0	46#	0.00	4.78
11	1,2-Dichlorotrifluoroetha	0.197	0.167	15.2	45#	0.00	4.83
12	1,1-Dichloroethene	0.268	0.274	-2.2	52	0.00	4.86
		True	Calc.	% Drift			
13	Freon 113	25.000	24.738	1.0	52	0.00	4.90
		AvgRF	CCRF	% Dev			
14	Carbon Disulfide	0.535	0.501	6.4	50#	0.00	4.92
		True	Calc.	% Drift			
15	Iodomethane	25.000	23.511	6.0	49	0.00	5.06
16	Acrolein	125.000	85.690	31.4	42	0.00	5.29
		AvgRF	CCRF	% Dev			
17	Allyl chloride	0.300	0.222	26.0	37#	0.00	5.45
18	Methylene Chloride	0.331	0.272	17.8	46#	0.00	5.58
19	Acetone	0.047	0.041	12.8	46#	0.00	5.64
		True	Calc.	% Drift			
20	Methyl acetate	125.000	87.691	29.8	39	0.00	5.77
		AvgRF	CCRF	% Dev			
21	trans-1,2-Dichloroethene	0.268	0.253	5.6	48#	0.00	5.78
22	Hexane	0.150	0.129	14.0	43#	0.00	5.86
		True	Calc.	% Drift			
23	Methyl Tert Butyl Ether	25.000	22.381	10.5	51	0.00	5.89
		AvgRF	CCRF	% Dev			
24	Acetonitrile	0.024	0.017	29.2	37#	0.00	6.20
		True	Calc.	% Drift			

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-ECC2317
Lab FileID: 5E52499.D

25		Di-isopropyl ether	25.000	19.818	20.7	44	0.00	6.31
			AvgRF	CCRF	% Dev			
26		Chloroprene	0.229	0.225	1.7	52	0.00	6.48
27		1,1-Dichloroethane	0.346	0.325	6.1	49#	0.00	6.51
			True	Calc.	% Drift			
28		Acrylonitrile	125.000	90.547	27.6	42	0.00	6.57
			AvgRF	CCRF	% Dev			
29		ETBE	0.525	0.513	2.3	50#	0.00	6.73
			True	Calc.	% Drift			
30		Tert Butyl Alcohol	250.000	168.790	32.5	42	0.00	5.97
31		Vinyl acetate	125.000	95.200	23.8	40	0.00	6.76
			AvgRF	CCRF	% Dev			
32		cis-1,2-Dichloroethene	0.204	0.203	0.5	50	0.00	7.12
33		2,2-Dichloropropane	0.225	0.233	-3.6	53	0.00	7.24
34		Bromochloromethane	0.099	0.109	-10.1	56	0.00	7.34
			True	Calc.	% Drift			
35		Cyclohexane	25.000	21.415	14.3	45	0.00	7.36
			AvgRF	CCRF	% Dev			
36		Chloroform	0.333	0.363	-9.0	56	0.00	7.40
			True	Calc.	% Drift			
37		Ethyl acetate	125.000	99.178	20.7	43	0.00	7.50
			AvgRF	CCRF	% Dev			
38		Tetrahydrofuran	0.063	0.048	23.8	37#	0.00	7.59
39	S	Dibromofluoromethane	0.294	0.316	-7.5	60	0.00	7.60
			True	Calc.	% Drift			
40		Carbon Tetrachloride	25.000	29.481	-17.9	63	0.00	7.58
			AvgRF	CCRF	% Dev			
41		1,1,1-Trichloroethane	0.262	0.320	-22.1	64	0.00	7.64
			True	Calc.	% Drift			
42		2-Butanone	125.000	101.113	19.1	42	0.00	7.72
43		1,1-Dichloropropene	25.000	23.474	6.1	53	0.00	7.78
			AvgRF	CCRF	% Dev			
44		tert-Butyl formate	0.037	0.057	-54.1#	90	0.00	7.86
45		Propionitrile	0.026	0.022	15.4	42#	0.00	8.05
46		Methacrylonitrile	0.128	0.112	12.5	44#	0.00	8.06
47		Benzene	0.747	0.706	5.5	48#	0.00	8.04
48		TAME	0.441	0.430	2.5	51	0.00	8.11
49	S	1,2-Dichloroethane-d4	0.262	0.331	-26.3	70	0.00	8.17
50		1,2-Dichloroethane	0.216	0.262	-21.3	62	0.00	8.25
			True	Calc.	% Drift			
51		tert Amyl alcohol	250.000	179.663	28.1	46	0.00	8.28
			AvgRF	CCRF	% Dev			
52		Trichloroethene	0.204	0.211	-3.4	56	0.00	8.64
			True	Calc.	% Drift			

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-ECC2317
Lab FileID: 5E52499.D

53		Methylcyclohexane	25.000	23.208	7.2	49	0.00	8.63
54		Dibromomethane	25.000	24.561	1.8	53	0.00	9.08
55		1,2-Dichloropropane	25.000	20.442	18.2	45	0.00	9.17
56		Bromodichloromethane	25.000	25.152	-0.6	58	0.00	9.21
57		Methyl methacrylate	25.000	18.696	25.2	48	0.00	9.33
		----------	AvgRF	CCRF	% Dev	----------		
58		1,4-Dioxane	0.002	0.001	50.0	39#	0.00	9.40
		----------	True	Calc.	% Drift	----------		
59		2-Chloroethyl vinyl ether	125.000	249.107	-99.3#	96	0.00	9.74
60		cis-1,3-Dichloropropene	25.000	24.124	3.5	51	0.00	9.84
		----------	AvgRF	CCRF	% Dev	----------		
61	I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00	11.59
62	S	Toluene-d8	1.216	1.217	-0.1	57	0.00	10.03
63		Toluene	1.021	0.987	3.3	52	0.00	10.08
64		Isobutyl alcohol	0.010	0.010	0.0	52	0.00	8.11
		----------	True	Calc.	% Drift	----------		
65		2-Nitropropane	125.000	120.257	3.8	53	0.00	10.31
66		4-Methyl-2-pentanone	125.000	102.170	18.3	44	0.00	10.42
67		trans-1,3-Dichloropropene	25.000	23.943	4.2	52	0.00	10.48
68		Tetrachloroethene	25.000	28.234	-12.9	67	0.00	10.48
69		Ethyl methacrylate	25.000	18.296	26.8	47	0.00	10.59
70		1,1,2-Trichloroethane	25.000	22.023	11.9	50	0.00	10.64
71		Dibromochloromethane	25.000	25.639	-2.6	56	0.00	10.84
72		1,3-Dichloropropane	25.000	21.914	12.3	49	0.00	10.93
		----------	AvgRF	CCRF	% Dev	----------		
73		1,2-Dibromoethane	0.229	0.218	4.8	51	0.00	11.11
		----------	True	Calc.	% Drift	----------		
74		3,3-Dimethyl-1-butanol	1250.000	1066.399	14.7	51	0.00	11.18
75		2-hexanone	125.000	103.116	17.5	46	0.00	11.25
76		1-Chlorohexane	25.000	22.720	9.1	49	0.00	11.53
		----------	AvgRF	CCRF	% Dev	----------		
77		Ethylbenzene	1.077	1.102	-2.3	54	0.00	11.60
78		Chlorobenzene	0.687	0.679	1.2	52	0.00	11.61
		----------	True	Calc.	% Drift	----------		
79		1,1,1,2-Tetrachloroethane	25.000	23.994	4.0	56	0.00	11.65
		----------	AvgRF	CCRF	% Dev	----------		
80		m,p-Xylene	0.801	0.840	-4.9	54	0.00	11.74
		----------	True	Calc.	% Drift	----------		
81		o-Xylene	25.000	23.378	6.5	55	0.00	12.18
82		Styrene	25.000	24.238	3.0	52	0.00	12.23
83		Bromoform	25.000	24.310	2.8	55	0.00	12.30
84		Isopropylbenzene	25.000	25.058	-0.2	55	0.00	12.48
		----------	AvgRF	CCRF	% Dev	----------		
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.00	13.95
86	S	4-Bromofluorobenzene	0.792	0.788	0.5	61	0.00	12.81
87		cis-1,4-Dichloro-2-butene	0.135	0.109	19.3	48#	0.00	12.85
88		n-Propylbenzene	2.113	2.055	2.7	53	0.00	12.90

Continuing Calibration Summary

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: V5E2326-ECC2317
Lab FileID: 5E52499.D

		True	Calc.	% Drift			
89	Bromobenzene	25.000	22.906	8.4	55	0.00	12.93
		AvgRF	CCRF	% Dev			
90	1,1,2,2-Tetrachloroethane	0.529	0.459	13.2	48#	0.00	12.97
		True	Calc.	% Drift			
91	1,3,5-Trimethylbenzene	25.000	21.959	12.2	56	0.00	13.09
		AvgRF	CCRF	% Dev			
92	2-Chlorotoluene	1.427	1.438	-0.8	55	0.00	13.10
93	trans-1,4-Dichloro-2-Bute	0.118	0.105	11.0	52	0.00	13.16
94	1,2,3-Trichloropropane	0.146	0.151	-3.4	59	0.00	13.14
95	Cyclohexanone	0.012	0.009	25.0	46#	0.00	13.22
		True	Calc.	% Drift			
96	4-Chlorotoluene	25.000	24.494	2.0	56	0.00	13.27
		AvgRF	CCRF	% Dev			
97	a-Methyl styrene		----------NA----------				
98	tert-Butylbenzene	0.741	0.800	-8.0	60	0.00	13.43
		True	Calc.	% Drift			
99	1,2,4-Trimethylbenzene	25.000	22.226	11.1	56	0.00	13.50
		AvgRF	CCRF	% Dev			
100	Pentachloroethane	0.257	0.158	38.5	34#	0.00	13.48
		True	Calc.	% Drift			
101	sec-Butylbenzene	25.000	21.594	13.6	54	0.00	13.61
102	4-Isopropyltoluene	25.000	24.325	2.7	55	0.00	13.74
		AvgRF	CCRF	% Dev			
103	1,3-Dichlorobenzene	0.906	0.903	0.3	54	0.00	13.88
		True	Calc.	% Drift			
104	1,2,3-Trimethylbenzene	25.000	23.021	7.9	57	0.00	13.95
		AvgRF	CCRF	% Dev			
105	1,4-Dichlorobenzene	1.046	1.013	3.2	55	0.00	13.96
		True	Calc.	% Drift			
106	n-Butylbenzene	25.000	22.866	8.5	51	0.00	14.17
107	Benzyl Chloride	25.000	19.806	20.8	45	0.00	14.19
		AvgRF	CCRF	% Dev			
108	1,2-Dichlorobenzene	0.899	0.889	1.1	54	0.00	14.38
109	1,2-Dibromo-3-Chloropropa	0.069	0.064	7.2	54	0.00	15.11
110	Hexachlorobutadiene	0.200	0.181	9.5	51	0.00	15.65
111	1,2,4-Trichlorobenzene	0.498	0.451	9.4	54	0.00	15.71
112	Naphthalene	1.123	0.873	22.3	47#	0.00	16.00
113	1,2,3-Trichlorobenzene	0.427	0.366	14.3	51	0.00	16.17

(#) = Out of Range SPCC's out = 0 CCC's out = 0
5E52182.D V5E2317_09172025_.M Wed Oct 01 15:03:29 2025

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V1O4414	**Method:** SW846 8260D	**Instrument ID:** GCMS1O

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1O4414-BFB	1O95735.D	09/28/25 09:28	n/a	BFB Tune
V1O4414-IC4414	1O95736.D	09/28/25 09:51	n/a	Initial cal 1
V1O4414-IC4414	1O95737.D	09/28/25 10:07	n/a	Initial cal 8
V1O4414-IC4414	1O95738.D	09/28/25 10:24	n/a	Initial cal 2
V1O4414-IC4414	1O95739.D	09/28/25 10:40	n/a	Initial cal 3
V1O4414-IC4414	1O95740.D	09/28/25 10:56	n/a	Initial cal 4
V1O4414-ICC4414	1O95741.D	09/28/25 11:12	n/a	Initial cal 5
V1O4414-IC4414	1O95742.D	09/28/25 11:28	n/a	Initial cal 6
V1O4414-IC4414	1O95743.D	09/28/25 11:44	n/a	Initial cal 7
V1O4414-ICV4414	1O95745.D	09/28/25 12:19	n/a	Initial cal verification 5
V1O4414-BS	1O95746A.D	09/28/25 13:04	n/a	Blank Spike
V1O4414-ICV4414	1O95746.D	09/28/25 13:04	n/a	Initial cal verification 4
V1O4414-MB	1O95748.D	09/28/25 13:36	n/a	Method Blank
ZZZZZZ	1O95749.D	09/28/25 14:02	n/a	(unrelated sample)
ZZZZZZ	1O95750.D	09/28/25 14:18	n/a	(unrelated sample)
ZZZZZZ	1O95751.D	09/28/25 14:34	n/a	(unrelated sample)
ZZZZZZ	1O95752.D	09/28/25 14:51	n/a	(unrelated sample)
ZZZZZZ	1O95753.D	09/28/25 15:07	n/a	(unrelated sample)
ZZZZZZ	1O95754.D	09/28/25 15:23	n/a	(unrelated sample)
ZZZZZZ	1O95755.D	09/28/25 15:39	n/a	(unrelated sample)
ZZZZZZ	1O95756.D	09/28/25 15:55	n/a	(unrelated sample)
ZZZZZZ	1O95757.D	09/28/25 16:11	n/a	(unrelated sample)
ZZZZZZ	1O95758.D	09/28/25 16:28	n/a	(unrelated sample)
ZZZZZZ	1O95759.D	09/28/25 16:44	n/a	(unrelated sample)
ZZZZZZ	1O95760.D	09/28/25 17:00	n/a	(unrelated sample)
ZZZZZZ	1O95761.D	09/28/25 17:16	n/a	(unrelated sample)
ZZZZZZ	1O95762.D	09/28/25 17:32	n/a	(unrelated sample)
ZZZZZZ	1O95763.D	09/28/25 17:49	n/a	(unrelated sample)
ZZZZZZ	1O95764.D	09/28/25 18:05	n/a	(unrelated sample)
ZZZZZZ	1O95765.D	09/28/25 18:21	n/a	(unrelated sample)
ZZZZZZ	1O95766.D	09/28/25 18:37	n/a	(unrelated sample)

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V1O4417	**Method:** SW846 8260D	**Instrument ID:** GCMS1O

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V1O4417-BFB	1O95832.D	09/30/25 09:39	n/a	BFB Tune
V1O4417-CC4414	1O95833.D	09/30/25 10:02	n/a	Continuing cal 4
V1O4417-BS	1O95834.D	09/30/25 10:27	n/a	Blank Spike
V1O4417-MB	1O95836.D	09/30/25 10:59	n/a	Method Blank
ZZZZZZ	1O95838.D	09/30/25 11:47	n/a	(unrelated sample)
FC28123-15	1O95839.D	09/30/25 12:03	n/a	(used for QC only; not part of job FC28047)
ZZZZZZ	1O95840.D	09/30/25 12:19	n/a	(unrelated sample)
ZZZZZZ	1O95841.D	09/30/25 12:35	n/a	(unrelated sample)
FC28047-8	1O95842.D	09/30/25 12:51	n/a	789MW-222_0925
FC28047-14	1O95843.D	09/30/25 13:07	n/a	789-TB01_0925-C
ZZZZZZ	1O95844.D	09/30/25 13:24	n/a	(unrelated sample)
ZZZZZZ	1O95845.D	09/30/25 13:40	n/a	(unrelated sample)
ZZZZZZ	1O95846.D	09/30/25 13:56	n/a	(unrelated sample)
ZZZZZZ	1O95847.D	09/30/25 14:12	n/a	(unrelated sample)
ZZZZZZ	1O95848.D	09/30/25 14:28	n/a	(unrelated sample)
ZZZZZZ	1O95849.D	09/30/25 14:44	n/a	(unrelated sample)
ZZZZZZ	1O95850.D	09/30/25 15:00	n/a	(unrelated sample)
ZZZZZZ	1O95851.D	09/30/25 15:17	n/a	(unrelated sample)
ZZZZZZ	1O95852.D	09/30/25 15:33	n/a	(unrelated sample)
ZZZZZZ	1O95853.D	09/30/25 15:49	n/a	(unrelated sample)
ZZZZZZ	1O95854.D	09/30/25 16:05	n/a	(unrelated sample)
ZZZZZZ	1O95855.D	09/30/25 16:21	n/a	(unrelated sample)
ZZZZZZ	1O95856.D	09/30/25 16:38	n/a	(unrelated sample)
ZZZZZZ	1O95857.D	09/30/25 16:54	n/a	(unrelated sample)
FC28123-15MS	1O95858.D	09/30/25 17:10	n/a	Matrix Spike
FC28123-15MSD	1O95859.D	09/30/25 17:26	n/a	Matrix Spike Duplicate
V1O4417-ECC4414	1O95860.D	09/30/25 17:42	n/a	Ending cal 4

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V2A2301	**Method:** SW846 8260D	**Instrument ID:** GCMS2A

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V2A2301-BFB	2A67128.D	08/17/25 11:39	n/a	BFB Tune
V2A2301-IC2301	2A67129.D	08/17/25 11:58	n/a	Initial cal 1
V2A2301-IC2301	2A67130.D	08/17/25 12:14	n/a	Initial cal 8
V2A2301-IC2301	2A67131.D	08/17/25 12:43	n/a	Initial cal 2
V2A2301-IC2301	2A67132.D	08/17/25 12:59	n/a	Initial cal 3
V2A2301-IC2301	2A67133.D	08/17/25 13:16	n/a	Initial cal 4
V2A2301-ICC2301	2A67134.D	08/17/25 13:32	n/a	Initial cal 5
V2A2301-IC2301	2A67135.D	08/17/25 13:48	n/a	Initial cal 6
V2A2301-IC2301	2A67136.D	08/17/25 14:05	n/a	Initial cal 7
V2A2301-ICV2301	2A67139.D	08/17/25 15:11	n/a	Initial cal verification 5
V2A2301-ICV2301	2A67140.D	08/17/25 15:28	n/a	Initial cal verification 4

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V2A2341	**Method:** SW846 8260D	**Instrument ID:** GCMS2A

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V2A2341-BFB	2A68162.D	09/28/25 08:33	n/a	BFB Tune
V2A2341-CC2301	2A68163.D	09/28/25 08:57	n/a	Continuing cal 5
V2A2341-BS	2A68164.D	09/28/25 09:30	n/a	Blank Spike
V2A2341-MB	2A68166.D	09/28/25 10:03	n/a	Method Blank
FC28047-14	2A68168.D	09/28/25 10:56	n/a	789-TB01_0925-C
FC28047-8	2A68171.D	09/28/25 11:45	n/a	789MW-222_0925
ZZZZZZ	2A68172.D	09/28/25 12:02	n/a	(unrelated sample)
ZZZZZZ	2A68173.D	09/28/25 12:18	n/a	(unrelated sample)
FC28047-1	2A68174.D	09/28/25 12:35	n/a	789MW-135_0925
FC28047-2	2A68175.D	09/28/25 12:51	n/a	789MW-46R_0925
FC28047-3	2A68176.D	09/28/25 13:08	n/a	789MW-83_0925
FC28047-4	2A68177.D	09/28/25 13:24	n/a	789MW-95_0925
FC28047-5	2A68178.D	09/28/25 13:41	n/a	789MW-99_0925
FC28047-6	2A68179.D	09/28/25 13:57	n/a	789MW-99_0925-A
FC28047-7	2A68180.D	09/28/25 14:14	n/a	789MW-216_0925
FC28047-9	2A68181.D	09/28/25 14:30	n/a	789MW-251_0925
FC28047-10	2A68182.D	09/28/25 14:47	n/a	789SW-02_0925
FC28047-11	2A68183.D	09/28/25 15:03	n/a	789SW-03_0925
FC28047-12	2A68184.D	09/28/25 15:20	n/a	789SW-04_0925
FC28047-13	2A68185.D	09/28/25 15:37	n/a	789-AB01_0925-D
ZZZZZZ	2A68186.D	09/28/25 15:53	n/a	(unrelated sample)
ZZZZZZ	2A68187.D	09/28/25 16:10	n/a	(unrelated sample)
FC28047-8MS	2A68190.D	09/28/25 17:00	n/a	Matrix Spike
FC28047-8MSD	2A68191.D	09/28/25 17:16	n/a	Matrix Spike Duplicate
V2A2341-ECC2301	2A68192.D	09/28/25 17:33	n/a	Ending cal 5

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V5E2317	**Method:** SW846 8260D	**Instrument ID:** GCMS5E

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V5E2317-BFB	5E52177.D	09/17/25 16:37	n/a	BFB Tune
V5E2317-IC2317	5E52178.D	09/17/25 17:01	n/a	Initial cal 1
V5E2317-IC2317	5E52179.D	09/17/25 17:23	n/a	Initial cal 8
V5E2317-IC2317	5E52180.D	09/17/25 17:48	n/a	Initial cal 2
V5E2317-IC2317	5E52181.D	09/17/25 18:10	n/a	Initial cal 3
V5E2317-IC2317	5E52182.D	09/17/25 18:34	n/a	Initial cal 4
V5E2317-ICC2317	5E52183.D	09/17/25 18:57	n/a	Initial cal 5
V5E2317-IC2317	5E52184.D	09/17/25 19:21	n/a	Initial cal 6
V5E2317-IC2317	5E52185.D	09/17/25 19:44	n/a	Initial cal 7
V5E2317-ICV2317	5E52189.D	09/17/25 21:14	n/a	Initial cal verification 5
V5E2317-ICV2317	5E52190.D	09/17/25 21:37	n/a	Initial cal verification 4

Run Sequence Report

Job Number: FC28047
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: V5E2326	**Method:** SW846 8260D	**Instrument ID:** GCMS5E

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
V5E2326-BFB	5E52468.D	09/30/25 12:12	n/a	BFB Tune
V5E2326-CC2317	5E52469.D	09/30/25 12:41	n/a	Continuing cal 4
V5E2326-BS	5E52470.D	09/30/25 13:04	n/a	Blank Spike
V5E2326-MB	5E52473.D	09/30/25 14:12	n/a	Method Blank
FC28064-4	5E52475.D	09/30/25 14:57	n/a	(used for QC only; not part of job FC28047)
ZZZZZZ	5E52476.D	09/30/25 15:26	n/a	(unrelated sample)
ZZZZZZ	5E52477.D	09/30/25 15:49	n/a	(unrelated sample)
ZZZZZZ	5E52478.D	09/30/25 16:11	n/a	(unrelated sample)
FC28047-1	5E52479.D	09/30/25 16:33	n/a	789MW-135_0925
FC28047-2	5E52480.D	09/30/25 16:56	n/a	789MW-46R_0925
FC28047-3	5E52481.D	09/30/25 17:18	n/a	789MW-83_0925
FC28047-4	5E52482.D	09/30/25 17:41	n/a	789MW-95_0925
FC28047-5	5E52483.D	09/30/25 18:04	n/a	789MW-99_0925
FC28047-6	5E52484.D	09/30/25 18:26	n/a	789MW-99_0925-A
FC28064-4MS	5E52485.D	09/30/25 18:51	n/a	Matrix Spike
FC28064-4MSD	5E52486.D	09/30/25 19:13	n/a	Matrix Spike Duplicate
FC28047-7	5E52489.D	09/30/25 20:22	n/a	789MW-216_0925
FC28047-9	5E52490.D	09/30/25 20:45	n/a	789MW-251_0925
FC28047-10	5E52491.D	09/30/25 21:07	n/a	789SW-02_0925
FC28047-11	5E52492.D	09/30/25 21:30	n/a	789SW-03_0925
FC28047-12	5E52493.D	09/30/25 21:52	n/a	789SW-04_0925
FC28047-13	5E52494.D	09/30/25 22:15	n/a	789-AB01_0925-D
ZZZZZZ	5E52496.D	09/30/25 23:00	n/a	(unrelated sample)
ZZZZZZ	5E52497.D	09/30/25 23:22	n/a	(unrelated sample)
ZZZZZZ	5E52498.D	09/30/25 23:45	n/a	(unrelated sample)
V5E2326-ECC2317	5E52499.D	10/01/25 00:07	n/a	Ending cal 4

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Appendix E-4
2025 Quarter 4 Laboratory Data Package

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The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

Bhate Environmental

Griffiss AFB; Rome, NY

GRFIS-BECOS

SGS Job Number: FC29756

Sampling Dates: 11/21/25 - 11/25/25



Report to:

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Total number of pages in report: 524

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Norm Farmer
Technical Director

Client Service contact: Jean Dent-Smith 407-425-6700
Certifications: FL(E83510), LA(03051), KS(E-10327), NC(573), NJ(FL002), NY(12022), SC(96038001) DoD ELAP(ANAB L2229), AZ(AZ0806), CA(2937), TX(T104704404), PA(68-03573), VA(460177), AL, AK, AR, CT, IA, KY, MA, MI. MS, ND, NH, NV, OK, OR, IL, UT, VT, WA, WI, WV

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SGS North America Inc.

Sample Summary

Bhate Environmental

Job No: FC29756

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC29756-1	11/24/25	09:10	ASGW	11/26/25	AQ	Ground Water	789MW-135_1125
FC29756-2	11/24/25	11:52	ASGW	11/26/25	AQ	Ground Water	789MW-46R_1125
FC29756-3	11/24/25	09:44	ASGW	11/26/25	AQ	Ground Water	789MW-83_1125
FC29756-4	11/24/25	11:12	ASGW	11/26/25	AQ	Ground Water	789MW-95_1125
FC29756-5	11/21/25	10:15	ASGW	11/26/25	AQ	Ground Water	789MW-99_1125
FC29756-6	11/21/25	10:20	ASGW	11/26/25	AQ	Ground Water	789MW-99_1125-A
FC29756-7	11/24/25	10:17	ASGW	11/26/25	AQ	Ground Water	789MW-216_1125
FC29756-8	11/21/25	11:20	ASGW	11/26/25	AQ	Ground Water	789MW-222_1125
FC29756-8D	11/21/25	11:20	ASGW	11/26/25	AQ	Water Dup/MSD	789MW-222_1125
FC29756-8S	11/21/25	11:20	ASGW	11/26/25	AQ	Water Matrix Spike	789MW-222_1125
FC29756-9	11/25/25	11:22	ASGW	11/26/25	AQ	Ground Water	789MW-251_1125
FC29756-10	11/21/25	13:15	ASGW	11/26/25	AQ	Ground Water	789SW-02_1125
FC29756-11	11/21/25	13:30	ASGW	11/26/25	AQ	Ground Water	789SW-03_1125

Sample Summary
(continued)

Bhate Environmental

Job No: FC29756

Griffiss AFB; Rome, NY
Project No: GRFIS-BECOS

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
FC29756-12	11/21/25	13:43	ASGW	11/26/25	AQ	Ground Water	789SW-04_1125
FC29756-13	11/25/25	11:28	ASGW	11/26/25	AQ	Water	789-AB01_1125-D
FC29756-14	11/21/25	08:00	ASGW	11/26/25	AQ	Trip Blank Water	789-TB01_1125-C

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental **Job No:** FC29756

Site: Griffiss AFB; Rome, NY **Report Date** 12/10/2025 10:47:16

On 11/26/2025, 13 Sample(s), 1 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. - Orlando, at a maximum corrected temperature of 2.2 C. Samples were intact and chemically preserved, unless noted below. A SGS North America Inc. - Orlando Job Number of FC29756 was assigned to the project.

Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section. Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Standards used to calibrate SW-846 8260D are not considered Certified Reference Material (CRM) therefore, the calibration was verified using second source in accordance with DoD QSM 6.0.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VI3773

All method blanks for this batch meet method specific criteria.

Sample(s) FC29756-8MS, FC29756-8MSD were used as the QC samples indicated.

The following samples were run outside of holding time for method SW846 8260D: FC29756-5, FC29756-6, FC29756-8, FC29756-10, FC29756-11, FC29756-12, FC29756-14

Blank Spike Recovery(s) for Trichlorofluoromethane are outside control limits.

VI3773-MB: Sample was treated with an anti-foaming agent.

FC29756-1 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-1 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-1 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-1 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-2 Sample was treated with an anti-foaming agent.

FC29756-2 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-2 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-2 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-2 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-3 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-3 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-3 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-3 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-4 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-4 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-4 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-4 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-5 Sample analyzed beyond hold time.

FC29756-5 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-5 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-5 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-5 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

MS Volatiles By Method SW846 8260D

Matrix: AQ **Batch ID:** VI3773

FC29756-6 Sample analyzed beyond hold time.

FC29756-6 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-6 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-6 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-6 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

FC29756-7 Sample was treated with an anti-foaming agent.

FC29756-7 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-7 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-7 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-7 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-8: Sample analyzed beyond hold time.

FC29756-8 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-8 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-8 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-8 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

FC29756-9 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-9 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-9 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-9 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-10: Sample analyzed beyond hold time.

FC29756-10 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-10 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-10 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-10 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

FC29756-11: Sample analyzed beyond hold time.

FC29756-11 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-11 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-11 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-11 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

FC29756-12: Sample analyzed beyond hold time.

FC29756-12 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-12 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-12 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-12 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

FC29756-13 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-13 for Acetone: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-13 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-13 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.

FC29756-14: Sample analyzed beyond hold time.

FC29756-14 for Chloroethane: Associated ICV outside DOD QSM control limits high, sample is ND.

FC29756-14 for Acetone: Associated CCV outside DOD QSM control limits low.

FC29756-14 for 1,1-Dichloroethylene: Associated CCV outside DOD QSM control limits low.

FC29756-14 for Vinyl Acetate: Associated CCV outside DOD QSM control limits low.

SGS North America Inc. - Orlando certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting the Quality System precision, accuracy and completeness objectives except as noted. Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria. SGS North America Inc.- Orlando is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety.

Narrative prepared by:

_____

Elizabeth Kent, Quality Assurance Officer *(Signature on File)*

Summary of Hits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC29756-1	**789MW-135_1125**					
No hits reported in this sample.						
FC29756-2	**789MW-46R_1125**					
No hits reported in this sample.						
FC29756-3	**789MW-83_1125**					
No hits reported in this sample.						
FC29756-4	**789MW-95_1125**					
No hits reported in this sample.						
FC29756-5	**789MW-99_1125**					
Benzene [a]		1.6	1.0	0.50	ug/l	SW846 8260D
sec-Butylbenzene [a]		0.51 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene [a]		0.91 J	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene [a]		0.64 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene [a]		2.0 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene [a]		1.0	1.0	0.50	ug/l	SW846 8260D
Toluene [a]		0.51 J	1.0	0.50	ug/l	SW846 8260D
FC29756-6	**789MW-99_1125-A**					
Benzene [a]		2.1	1.0	0.50	ug/l	SW846 8260D
n-Butylbenzene [a]		0.29 J	1.0	0.50	ug/l	SW846 8260D
sec-Butylbenzene [a]		0.77 J	1.0	0.50	ug/l	SW846 8260D
Ethylbenzene [a]		1.4	1.0	0.50	ug/l	SW846 8260D
Isopropylbenzene [a]		0.91 J	1.0	0.50	ug/l	SW846 8260D
Naphthalene [a]		2.6 J	5.0	2.0	ug/l	SW846 8260D
n-Propylbenzene [a]		1.5	1.0	0.50	ug/l	SW846 8260D
Toluene [a]		0.68 J	1.0	0.50	ug/l	SW846 8260D
FC29756-7	**789MW-216_1125**					
No hits reported in this sample.						
FC29756-8	**789MW-222_1125**					
No hits reported in this sample.						

Summary of Hits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	LOQ	LOD	Units	Method
FC29756-9	**789MW-251_1125**					
Benzene		5.0	1.0	0.50	ug/l	SW846 8260D
FC29756-10	**789SW-02_1125**					
Chloroform [a]		0.34 J	1.0	0.50	ug/l	SW846 8260D
FC29756-11	**789SW-03_1125**					
Benzene [a]		0.38 J	1.0	0.50	ug/l	SW846 8260D
Chloroform [a]		0.34 J	1.0	0.50	ug/l	SW846 8260D
FC29756-12	**789SW-04_1125**					
Benzene [a]		0.56 J	1.0	0.50	ug/l	SW846 8260D
Chloroform [a]		0.31 J	1.0	0.50	ug/l	SW846 8260D
FC29756-13	**789-AB01_1125-D**					
Toluene		0.31 J	1.0	0.50	ug/l	SW846 8260D
FC29756-14	**789-TB01_1125-C**					

No hits reported in this sample.

(a) Sample analyzed beyond hold time.

Sample Results

Report of Analysis

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-135_1125		
Lab Sample ID:	FC29756-1	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I776456.D	1	12/08/25 14:29	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [a]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [b]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [a]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_1125		
Lab Sample ID:	FC29756-1	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [a]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-135_1125		
Lab Sample ID:	FC29756-1	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(b) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-46R_1125		
Lab Sample ID:	FC29756-2	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776457.D	1	12/08/25 14:45	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_1125		
Lab Sample ID:	FC29756-2	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-46R_1125		
Lab Sample ID:	FC29756-2	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was treated with an anti-foaming agent.
(b) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-83_1125		
Lab Sample ID:	FC29756-3	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I776458.D	1	12/08/25 15:02	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [a]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [b]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [a]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_1125		
Lab Sample ID:	FC29756-3	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [a]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-83_1125		
Lab Sample ID:	FC29756-3	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(b) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-95_1125		
Lab Sample ID:	FC29756-4	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I776459.D	1	12/08/25 15:18	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [a]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [b]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [a]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_1125		
Lab Sample ID:	FC29756-4	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [a]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-95_1125		
Lab Sample ID:	FC29756-4	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(b) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-99_1125		
Lab Sample ID:	FC29756-5	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776460.D	1	12/08/25 15:34	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	1.6	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.51	1.0	0.50	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789MW-99_1125
Lab Sample ID: FC29756-5
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 11/21/25
Date Received: 11/26/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.91	1.0	0.50	0.36	ug/l	J
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.64	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	1.0	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.51	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_1125		
Lab Sample ID:	FC29756-5	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-99_1125-A		
Lab Sample ID:	FC29756-6	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776461.D	1	12/08/25 15:50	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	2.1	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.29	1.0	0.50	0.23	ug/l	J
135-98-8	sec-Butylbenzene	0.77	1.0	0.50	0.24	ug/l	J
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_1125-A		
Lab Sample ID:	FC29756-6	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	1.4	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.91	1.0	0.50	0.22	ug/l	J
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.6	5.0	2.0	1.0	ug/l	J
103-65-1	n-Propylbenzene	1.5	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.68	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-99_1125-A		
Lab Sample ID:	FC29756-6	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID: 789MW-216_1125
Lab Sample ID: FC29756-7
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 11/24/25
Date Received: 11/26/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776462.D	1	12/08/25 16:07	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_1125		
Lab Sample ID:	FC29756-7	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-216_1125		
Lab Sample ID:	FC29756-7	**Date Sampled:**	11/24/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

(a) Sample was treated with an anti-foaming agent.
(b) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-222_1125		
Lab Sample ID:	FC29756-8	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776455.D	1	12/08/25 14:13	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_1125		
Lab Sample ID:	FC29756-8	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-222_1125		
Lab Sample ID:	FC29756-8	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789MW-251_1125		
Lab Sample ID:	FC29756-9	**Date Sampled:**	11/25/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I776463.D	1	12/08/25 16:23	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [a]	20 U	25	20	10	ug/l	
71-43-2	Benzene	5.0	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [b]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [a]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_1125		
Lab Sample ID:	FC29756-9	**Date Sampled:**	11/25/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [a]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789MW-251_1125		
Lab Sample ID:	FC29756-9	**Date Sampled:**	11/25/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	100%		83-118%

(a) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(b) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-02_1125		
Lab Sample ID:	FC29756-10	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776464.D	1	12/08/25 16:39	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.34	1.0	0.50	0.30	ug/l	J
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-02_1125		
Lab Sample ID:	FC29756-10	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-02_1125		
Lab Sample ID:	FC29756-10	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-03_1125		
Lab Sample ID:	FC29756-11	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776465.D	1	12/08/25 16:56	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.38	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.34	1.0	0.50	0.30	ug/l	J
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-03_1125		
Lab Sample ID:	FC29756-11	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-03_1125		
Lab Sample ID:	FC29756-11	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789SW-04_1125		
Lab Sample ID:	FC29756-12	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776466.D	1	12/08/25 17:12	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.56	1.0	0.50	0.31	ug/l	J
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.31	1.0	0.50	0.30	ug/l	J
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_1125		
Lab Sample ID:	FC29756-12	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789SW-04_1125		
Lab Sample ID:	FC29756-12	**Date Sampled:**	11/21/25
Matrix:	AQ - Ground Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789-AB01_1125-D		
Lab Sample ID:	FC29756-13	**Date Sampled:**	11/25/25
Matrix:	AQ - Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	I776467.D	1	12/08/25 17:28	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [a]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [b]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [a]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_1125-D		
Lab Sample ID:	FC29756-13	**Date Sampled:**	11/25/25
Matrix:	AQ - Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.31	1.0	0.50	0.30	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [a]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-AB01_1125-D		
Lab Sample ID:	FC29756-13	**Date Sampled:**	11/25/25
Matrix:	AQ - Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	95%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Associated CCV outside DOD QSM control limits low. No sample available for reanalysis within hold time.
(b) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

SGS North America Inc.

Report of Analysis

Client Sample ID:	789-TB01_1125-C		
Lab Sample ID:	FC29756-14	**Date Sampled:**	11/21/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	I776468.D	1	12/08/25 17:45	DW	n/a	n/a	VI3773
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
67-64-1	Acetone [b]	20 U	25	20	10	ug/l	
71-43-2	Benzene	0.50 U	1.0	0.50	0.31	ug/l	
108-86-1	Bromobenzene	0.50 U	1.0	0.50	0.37	ug/l	
74-97-5	Bromochloromethane	0.50 U	1.0	0.50	0.45	ug/l	
75-27-4	Bromodichloromethane	0.50 U	1.0	0.50	0.24	ug/l	
75-25-2	Bromoform	0.50 U	1.0	0.50	0.41	ug/l	
78-93-3	2-Butanone (MEK)	3.5 U	5.0	3.5	2.0	ug/l	
104-51-8	n-Butylbenzene	0.50 U	1.0	0.50	0.23	ug/l	
135-98-8	sec-Butylbenzene	0.50 U	1.0	0.50	0.24	ug/l	
98-06-6	tert-Butylbenzene	0.50 U	1.0	0.50	0.31	ug/l	
75-15-0	Carbon Disulfide	1.0 U	2.0	1.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	0.50 U	1.0	0.50	0.36	ug/l	
108-90-7	Chlorobenzene	0.50 U	1.0	0.50	0.20	ug/l	
75-00-3	Chloroethane [c]	1.0 U	2.0	1.0	0.67	ug/l	
67-66-3	Chloroform	0.50 U	1.0	0.50	0.30	ug/l	
95-49-8	o-Chlorotoluene	0.50 U	1.0	0.50	0.22	ug/l	
106-43-4	p-Chlorotoluene	0.50 U	1.0	0.50	0.31	ug/l	
124-48-1	Dibromochloromethane	0.50 U	1.0	0.50	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	2.0 U	5.0	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	1.0 U	2.0	1.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	0.50 U	1.0	0.50	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	0.50 U	1.0	0.50	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	0.50 U	1.0	0.50	0.26	ug/l	
75-34-3	1,1-Dichloroethane	0.50 U	1.0	0.50	0.34	ug/l	
107-06-2	1,2-Dichloroethane	0.50 U	1.0	0.50	0.31	ug/l	
75-35-4	1,1-Dichloroethylene [b]	0.50 U	1.0	0.50	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	1.0 U	2.0	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	0.50 U	1.0	0.50	0.43	ug/l	
142-28-9	1,3-Dichloropropane	0.50 U	1.0	0.50	0.31	ug/l	

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: 789-TB01_1125-C
Lab Sample ID: FC29756-14
Matrix: AQ - Trip Blank Water
Method: SW846 8260D
Project: Griffiss AFB; Rome, NY

Date Sampled: 11/21/25
Date Received: 11/26/25
Percent Solids: n/a

VOA 8260 List

CAS No.	Compound	Result	LOQ	LOD	DL	Units	Q
594-20-7	2,2-Dichloropropane	0.50 U	1.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	0.50 U	1.0	0.50	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	0.50 U	1.0	0.50	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	0.50 U	1.0	0.50	0.21	ug/l	
100-41-4	Ethylbenzene	0.50 U	1.0	0.50	0.36	ug/l	
87-68-3	Hexachlorobutadiene	1.0 U	2.0	1.0	0.30	ug/l	
591-78-6	2-Hexanone	5.0 U	10	5.0	2.0	ug/l	
98-82-8	Isopropylbenzene	0.50 U	1.0	0.50	0.22	ug/l	
99-87-6	p-Isopropyltoluene	0.50 U	1.0	0.50	0.21	ug/l	
74-83-9	Methyl Bromide	4.0 U	5.0	4.0	2.0	ug/l	
74-87-3	Methyl Chloride	1.0 U	2.0	1.0	0.50	ug/l	
74-95-3	Methylene Bromide	0.50 U	2.0	0.50	0.37	ug/l	
75-09-2	Methylene Chloride	4.0 U	5.0	4.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0 U	5.0	2.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.50 U	1.0	0.50	0.23	ug/l	
91-20-3	Naphthalene	2.0 U	5.0	2.0	1.0	ug/l	
103-65-1	n-Propylbenzene	0.50 U	1.0	0.50	0.29	ug/l	
100-42-5	Styrene	0.50 U	1.0	0.50	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	0.50 U	1.0	0.50	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	0.50 U	1.0	0.50	0.30	ug/l	
127-18-4	Tetrachloroethylene	0.50 U	1.0	0.50	0.22	ug/l	
108-88-3	Toluene	0.50 U	1.0	0.50	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	1.0 U	2.0	1.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	1.0 U	2.0	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	0.50 U	1.0	0.50	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	0.50 U	1.0	0.50	0.47	ug/l	
79-01-6	Trichloroethylene	0.50 U	1.0	0.50	0.35	ug/l	
75-69-4	Trichlorofluoromethane	1.0 U	2.0	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	1.0 U	2.0	1.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	0.50 U	1.0	0.50	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	0.50 U	1.0	0.50	0.27	ug/l	
108-05-4	Vinyl Acetate [b]	5.0 U	10	5.0	2.0	ug/l	
75-01-4	Vinyl Chloride	0.50 U	1.0	0.50	0.41	ug/l	
	m,p-Xylene	1.0 U	2.0	1.0	0.47	ug/l	
95-47-6	o-Xylene	0.50 U	1.0	0.50	0.26	ug/l	
1330-20-7	Xylene (total)	1.5 U	3.0	1.5	0.72	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		83-118%

U = Not detected LOD = Limit of Detection
LOQ = Limit of Quantitation DL = Detection Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	789-TB01_1125-C		
Lab Sample ID:	FC29756-14	**Date Sampled:**	11/21/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	11/26/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	Griffiss AFB; Rome, NY		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	94%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	101%		83-118%

(a) Sample analyzed beyond hold time.
(b) Associated CCV outside DOD QSM control limits low.
(c) Associated ICV outside DOD QSM control limits high, sample is ND.

U = Not detected LOD = Limit of Detection J = Indicates an estimated value
LOQ = Limit of Quantitation DL = Detection Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- QC Evaluation: DOD QSM5.x Limits

FC29756

CHAIN-OF-CUSTODY RECORD

BEAB
Alex Torres
445 Union Boulevard, Suite 103 Lakewood, CO 80228
atorres@bhate.com

COC # SS067GW25Q4

Project Name: Griffiss Air Force Base, BECOS	Laboratory: SGS North America, Inc., Orlando, FL	Event: 2025 Griffiss Petro Q4
Project Number: GRFIS-BECOS	POC: Jean Dent-Smith, 407-425-6700 x 14911, jean.dent-smith@sgs.com	
WBS Code:	Ship to: 4405 Vineland Road, Suite C-15, Orlando FL 32811	

Comments:
SW8260D (A) = VOCs SGS

Equipment:

Code	Matrix
WG	Ground Water
WQ	Water Quality Control Matrix

Code	Container/Preservative
31	3X 40 mL glass vials, HCl to pH < 2; Cool to 0-6 °C, no headspace

Event: 2025 Griffiss Petro Q4

	Sample ID	Matrix	Date	Time	Samp Init.	Analytical Test Method: SW8260D (A)	Location ID	Sample Type	Depth (ft bgs) Top	Depth (ft bgs) Bottom	Cooler	Comments
1	789MW-135_1125	WG	11/24/25	0910	AS	X	WL-789MW-135	N1	23.00	33.00	1	None
2	789MW-46R_1125	WG	11/24/25	1152	AS	X	WL-789MW-46R	N1	14.00	29.00	1	None
3	789MW-83_1125	WG	11/25/25	0944	AS	X	WL-789MW-83	N1	21.00	31.00	1	None
4	789MW-95_1125	WG	11/24/25	1112	AS	X	WL-789MW-95	N1	10.50	20.50	1	Well ran dry
5	789MW-98_1125	WG	—	—	—	X	WL-789MW-98	N1	10.00	20.00	1	Product present
6	789MW-99_1125	WG	11/21/25	1015	AS	X	WL-789MW-99	N1	14.50	24.50	1	None
7	789MW-99_1125-A	WG	11/21/25	1020	AS	X	WL-789MW-99	FD1	14.50	24.50	1	None
8	789MW-102_1125	WG	—	—	—	X	WL-789MW-102	N1	5	15	1	Product present
9	789MW-216_1125	WG	11/24/25	1017	AS	X	WL-789MW-216	N1	19.00	29.00	1	None
10	789MW-222_1125	WG	11/21/25	1120	AS	X	WL-789MW-222	N1	18.00	28.00	1	None
11	789MW-222_1125-MS	WG	11/21/25	1125	AS	X	WL-789MW-222	MS1	18.00	28.00	1	None
12	789MW-222_1125-SD	WG	11/21/25	1130	AS	X	WL-789MW-222	SD1	18.00	28.00	1	None
13	789MW-251_1125	WG	11/25/25	1122	AS	X	WL-789MW-251	N1	4.80	29.80	1	~~None~~ Well ran dry
14	789SW-02_1125	WG	11/21/25	1315	AS	X	789SW-02	N1	0.00	0.00	1	None
15	789SW-03_1125	WG	11/21/25	1330	AS	X	789SW-03	N1	0.00	0.00	1	None
16	789SW-04_1125	WG	11/21/25	1343	AS	X	789SW-04	N1	0.00	0.00	1	None
17	789-AB01_1125-D	WQ	11/25/25	1128	AS	X	FIELDQC	AB1	0.00	0.00	1	None
18	789-TB01_1125-C	WQ	11/21/25	0800	GW	X	FIELDQC	TB1	0.00	0.00	1	None

Turnaround Time: 21 days

11/26/25 SHR

INITIAL ASSESSMENT SHR
LABEL VERIFICATION 28

2.0 (RH)

Relinquished by: *(Signature)*
Date 11/25/2025
Time 1230
Received by: *(Signature)*

Date 11/26/25
Time 0930
Shipping Date:
Received by Laboratory: ***(Signature, Date, Time)*** & conditio

FC29756: Chain of Custody
Page 1 of 2

SGS - Orlando Sample Receipt Summary

Job Number: fc29756 **Client:** BEAB **Project:** GRIFFISS AIR FORCE BASE

Date / Time Received: 11/26/2025 9:30:00 AM **Delivery Method:** FEDEX **Airbill #'s:** 461950140730

Cooler Temps (Raw Measured) °C: Cooler 1: (2.0);

Cooler Temps (Corrected) °C: Cooler 1: (2.2);

Cooler Informatio	Y	or	N
1. Custody Seals Present:	☑		☐
2. Custody Seals Intact:	☑		☐
3. Temp criteria achieved:	☑		☐
4. Cooler temp verification:	IR Gun		
5. Cooler media:	Ice (Bag)		

Trip Blank Information	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	☐
2. Trip Blank listed on COC:	☑		☐	☐

	W	or	S	N/A
3. Type of TB Received	☑		☐	☐

Sample Information	Y	or	N	N/A
1. Sample labels present on bottles:	☑		☐	
2. Samples presented properly	☑		☐	
3. Sufficient volume/containers recv'd for analysi	☑		☐	
4. Condition of sample:	Intact			
5. Sample recv'd within HT	☑		☐	
6. Dates/Times/IDs on COC match sample labe	☑		☐	
7. VOCs have headspace	☑		☐	☐
8. Bottles received for unspecified tests	☐		☑	
9. Compositing instructions clear	☐		☐	☑
10. Voa Soil Kits/Jars received past 48hrs?	☐		☐	☑
11. % Solids Jar Received?	☐		☐	☑
12. Residual Chlorine Present?	☐		☐	☑

Misc Information

Number of Encores: 25 Gram 5 Gram

Test Strip Lot #s: pH 0-3: 216524 pH 10-12:

Residual Chlorine Test Strip Lot

Number of Lab Filtered Metals

Other: (Specify) 0-14 210224

Comments

Sample Receipt Summary 112723 EK Technician: HALEIGHR Date: 11/26/2025 3:41:05 PM Reviewer: Date:

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3773	SW846 8260D						
VI3773-BS	67-64-1	Acetone	BSP	REC	94	%	39-160
VI3773-BS	71-43-2	Benzene	BSP	REC	91	%	79-120
VI3773-BS	108-86-1	Bromobenzene	BSP	REC	94	%	80-120
VI3773-BS	74-97-5	Bromochloromethane	BSP	REC	98	%	78-123
VI3773-BS	75-27-4	Bromodichloromethane	BSP	REC	84	%	79-125
VI3773-BS	75-25-2	Bromoform	BSP	REC	89	%	66-130
VI3773-BS	78-93-3	2-Butanone (MEK)	BSP	REC	105	%	56-143
VI3773-BS	104-51-8	n-Butylbenzene	BSP	REC	86	%	75-128
VI3773-BS	135-98-8	sec-Butylbenzene	BSP	REC	86	%	77-126
VI3773-BS	98-06-6	tert-Butylbenzene	BSP	REC	85	%	78-124
VI3773-BS	75-15-0	Carbon Disulfide	BSP	REC	84	%	64-133
VI3773-BS	56-23-5	Carbon Tetrachloride	BSP	REC	84	%	72-136
VI3773-BS	108-90-7	Chlorobenzene	BSP	REC	94	%	82-118
VI3773-BS	75-00-3	Chloroethane	BSP	REC	100	%	60-138
VI3773-BS	67-66-3	Chloroform	BSP	REC	90	%	79-124
VI3773-BS	95-49-8	o-Chlorotoluene	BSP	REC	90	%	79-122
VI3773-BS	106-43-4	p-Chlorotoluene	BSP	REC	88	%	78-122
VI3773-BS	124-48-1	Dibromochloromethane	BSP	REC	94	%	74-126
VI3773-BS	96-12-8	1,2-Dibromo-3-chloropropane	BSP	REC	83	%	62-128
VI3773-BS	106-93-4	1,2-Dibromoethane	BSP	REC	96	%	77-121
VI3773-BS	75-71-8	Dichlorodifluoromethane	BSP	REC	64	%	32-152
VI3773-BS	95-50-1	1,2-Dichlorobenzene	BSP	REC	95	%	80-119
VI3773-BS	541-73-1	1,3-Dichlorobenzene	BSP	REC	96	%	80-119
VI3773-BS	106-46-7	1,4-Dichlorobenzene	BSP	REC	97	%	79-118
VI3773-BS	75-34-3	1,1-Dichloroethane	BSP	REC	82	%	77-125
VI3773-BS	107-06-2	1,2-Dichloroethane	BSP	REC	88	%	73-128
VI3773-BS	75-35-4	1,1-Dichloroethylene	BSP	REC	81	%	71-131
VI3773-BS	156-59-2	cis-1,2-Dichloroethylene	BSP	REC	96	%	78-123
VI3773-BS	156-60-5	trans-1,2-Dichloroethylene	BSP	REC	84	%	75-124
VI3773-BS	540-59-0	1,2-Dichloroethene (total)	BSP	REC	90	%	79-121
VI3773-BS	78-87-5	1,2-Dichloropropane	BSP	REC	92	%	78-122
VI3773-BS	142-28-9	1,3-Dichloropropane	BSP	REC	96	%	80-119
VI3773-BS	594-20-7	2,2-Dichloropropane	BSP	REC	95	%	60-139
VI3773-BS	563-58-6	1,1-Dichloropropene	BSP	REC	100	%	79-125
VI3773-BS	10061-01-5	cis-1,3-Dichloropropene	BSP	REC	90	%	75-124
VI3773-BS	10061-02-6	trans-1,3-Dichloropropene	BSP	REC	89	%	73-127
VI3773-BS	100-41-4	Ethylbenzene	BSP	REC	88	%	79-121
VI3773-BS	87-68-3	Hexachlorobutadiene	BSP	REC	95	%	66-134
VI3773-BS	591-78-6	2-Hexanone	BSP	REC	92	%	57-139
VI3773-BS	98-82-8	Isopropylbenzene	BSP	REC	88	%	72-131
VI3773-BS	99-87-6	p-Isopropyltoluene	BSP	REC	88	%	77-127
VI3773-BS	74-83-9	Methyl Bromide	BSP	REC	85	%	53-141

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
VI3773-BS	74-87-3	Methyl Chloride	BSP	REC	65	%	50-139
VI3773-BS	74-95-3	Methylene Bromide	BSP	REC	95	%	79-123
VI3773-BS	75-09-2	Methylene Chloride	BSP	REC	91	%	74-124
VI3773-BS	108-10-1	4-Methyl-2-pentanone (MIBK)	BSP	REC	95	%	67-130
VI3773-BS	1634-04-4	Methyl Tert Butyl Ether	BSP	REC	90	%	71-124
VI3773-BS	91-20-3	Naphthalene	BSP	REC	93	%	61-128
VI3773-BS	103-65-1	n-Propylbenzene	BSP	REC	89	%	76-126
VI3773-BS	100-42-5	Styrene	BSP	REC	94	%	78-123
VI3773-BS	630-20-6	1,1,1,2-Tetrachloroethane	BSP	REC	90	%	78-124
VI3773-BS	79-34-5	1,1,2,2-Tetrachloroethane	BSP	REC	94	%	71-121
VI3773-BS	127-18-4	Tetrachloroethylene	BSP	REC	95	%	74-129
VI3773-BS	108-88-3	Toluene	BSP	REC	90	%	80-121
VI3773-BS	87-61-6	1,2,3-Trichlorobenzene	BSP	REC	98	%	69-129
VI3773-BS	120-82-1	1,2,4-Trichlorobenzene	BSP	REC	96	%	69-130
VI3773-BS	71-55-6	1,1,1-Trichloroethane	BSP	REC	93	%	74-131
VI3773-BS	79-00-5	1,1,2-Trichloroethane	BSP	REC	93	%	80-119
VI3773-BS	79-01-6	Trichloroethylene	BSP	REC	91	%	79-123
VI3773-BS	75-69-4	Trichlorofluoromethane	BSP	REC	68	%	65-141
VI3773-BS	96-18-4	1,2,3-Trichloropropane	BSP	REC	93	%	73-122
VI3773-BS	95-63-6	1,2,4-Trimethylbenzene	BSP	REC	94	%	76-124
VI3773-BS	108-67-8	1,3,5-Trimethylbenzene	BSP	REC	87	%	75-124
VI3773-BS	108-05-4	Vinyl Acetate	BSP	REC	90	%	54-146
VI3773-BS	75-01-4	Vinyl Chloride	BSP	REC	70	%	58-137
VI3773-BS		m,p-Xylene	BSP	REC	87	%	80-121
VI3773-BS	95-47-6	o-Xylene	BSP	REC	86	%	78-122
VI3773-BS	1330-20-7	Xylene (total)	BSP	REC	87	%	79-121
VI3773-BS	1868-53-7	Dibromofluoromethane	BSP	SURR	100	%	80-119
VI3773-BS	17060-07-0	1,2-Dichloroethane-D4	BSP	SURR	91	%	81-118
VI3773-BS	2037-26-5	Toluene-D8	BSP	SURR	99	%	89-112
VI3773-BS	460-00-4	4-Bromofluorobenzene	BSP	SURR	98	%	85-114
FC29756-8MS	67-64-1	Acetone	MS	REC	98	%	39-160
FC29756-8MS	71-43-2	Benzene	MS	REC	98	%	79-120
FC29756-8MS	108-86-1	Bromobenzene	MS	REC	100	%	80-120
FC29756-8MS	74-97-5	Bromochloromethane	MS	REC	104	%	78-123
FC29756-8MS	75-27-4	Bromodichloromethane	MS	REC	87	%	79-125
FC29756-8MS	75-25-2	Bromoform	MS	REC	88	%	66-130
FC29756-8MS	78-93-3	2-Butanone (MEK)	MS	REC	106	%	56-143
FC29756-8MS	104-51-8	n-Butylbenzene	MS	REC	89	%	75-128
FC29756-8MS	135-98-8	sec-Butylbenzene	MS	REC	89	%	77-126
FC29756-8MS	98-06-6	tert-Butylbenzene	MS	REC	89	%	78-124
FC29756-8MS	75-15-0	Carbon Disulfide	MS	REC	90	%	64-133
FC29756-8MS	56-23-5	Carbon Tetrachloride	MS	REC	89	%	72-136
FC29756-8MS	108-90-7	Chlorobenzene	MS	REC	100	%	82-118
FC29756-8MS	75-00-3	Chloroethane	MS	REC	130	%	60-138
FC29756-8MS	67-66-3	Chloroform	MS	REC	96	%	79-124

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-8MS	95-49-8	o-Chlorotoluene	MS	REC	96	%	79-122
FC29756-8MS	106-43-4	p-Chlorotoluene	MS	REC	94	%	78-122
FC29756-8MS	124-48-1	Dibromochloromethane	MS	REC	95	%	74-126
FC29756-8MS	96-12-8	1,2-Dibromo-3-chloropropane	MS	REC	83	%	62-128
FC29756-8MS	106-93-4	1,2-Dibromoethane	MS	REC	98	%	77-121
FC29756-8MS	75-71-8	Dichlorodifluoromethane	MS	REC	67	%	32-152
FC29756-8MS	95-50-1	1,2-Dichlorobenzene	MS	REC	101	%	80-119
FC29756-8MS	541-73-1	1,3-Dichlorobenzene	MS	REC	101	%	80-119
FC29756-8MS	106-46-7	1,4-Dichlorobenzene	MS	REC	102	%	79-118
FC29756-8MS	75-34-3	1,1-Dichloroethane	MS	REC	91	%	77-125
FC29756-8MS	107-06-2	1,2-Dichloroethane	MS	REC	92	%	73-128
FC29756-8MS	75-35-4	1,1-Dichloroethylene	MS	REC	89	%	71-131
FC29756-8MS	156-59-2	cis-1,2-Dichloroethylene	MS	REC	97	%	78-123
FC29756-8MS	156-60-5	trans-1,2-Dichloroethylene	MS	REC	89	%	75-124
FC29756-8MS	540-59-0	1,2-Dichloroethene (total)	MS	REC	93	%	79-121
FC29756-8MS	78-87-5	1,2-Dichloropropane	MS	REC	99	%	78-122
FC29756-8MS	142-28-9	1,3-Dichloropropane	MS	REC	100	%	80-119
FC29756-8MS	594-20-7	2,2-Dichloropropane	MS	REC	92	%	60-139
FC29756-8MS	563-58-6	1,1-Dichloropropene	MS	REC	108	%	79-125
FC29756-8MS	10061-01-5	cis-1,3-Dichloropropene	MS	REC	91	%	75-124
FC29756-8MS	10061-02-6	trans-1,3-Dichloropropene	MS	REC	90	%	73-127
FC29756-8MS	100-41-4	Ethylbenzene	MS	REC	91	%	79-121
FC29756-8MS	87-68-3	Hexachlorobutadiene	MS	REC	91	%	66-134
FC29756-8MS	591-78-6	2-Hexanone	MS	REC	93	%	57-139
FC29756-8MS	98-82-8	Isopropylbenzene	MS	REC	92	%	72-131
FC29756-8MS	99-87-6	p-Isopropyltoluene	MS	REC	92	%	77-127
FC29756-8MS	74-83-9	Methyl Bromide	MS	REC	77	%	53-141
FC29756-8MS	74-87-3	Methyl Chloride	MS	REC	67	%	50-139
FC29756-8MS	74-95-3	Methylene Bromide	MS	REC	100	%	79-123
FC29756-8MS	75-09-2	Methylene Chloride	MS	REC	92	%	74-124
FC29756-8MS	108-10-1	4-Methyl-2-pentanone (MIBK)	MS	REC	100	%	67-130
FC29756-8MS	1634-04-4	Methyl Tert Butyl Ether	MS	REC	94	%	71-124
FC29756-8MS	91-20-3	Naphthalene	MS	REC	91	%	61-128
FC29756-8MS	103-65-1	n-Propylbenzene	MS	REC	94	%	76-126
FC29756-8MS	100-42-5	Styrene	MS	REC	92	%	78-123
FC29756-8MS	630-20-6	1,1,1,2-Tetrachloroethane	MS	REC	95	%	78-124
FC29756-8MS	79-34-5	1,1,2,2-Tetrachloroethane	MS	REC	101	%	71-121
FC29756-8MS	127-18-4	Tetrachloroethylene	MS	REC	95	%	74-129
FC29756-8MS	108-88-3	Toluene	MS	REC	96	%	80-121
FC29756-8MS	87-61-6	1,2,3-Trichlorobenzene	MS	REC	102	%	69-129
FC29756-8MS	120-82-1	1,2,4-Trichlorobenzene	MS	REC	97	%	69-130
FC29756-8MS	71-55-6	1,1,1-Trichloroethane	MS	REC	100	%	74-131
FC29756-8MS	79-00-5	1,1,2-Trichloroethane	MS	REC	98	%	80-119
FC29756-8MS	79-01-6	Trichloroethylene	MS	REC	97	%	79-123
FC29756-8MS	75-69-4	Trichlorofluoromethane	MS	REC	77	%	65-141

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-8MS	96-18-4	1,2,3-Trichloropropane	MS	REC	95	%	73-122
FC29756-8MS	95-63-6	1,2,4-Trimethylbenzene	MS	REC	99	%	76-124
FC29756-8MS	108-67-8	1,3,5-Trimethylbenzene	MS	REC	92	%	75-124
FC29756-8MS	108-05-4	Vinyl Acetate	MS	REC	94	%	54-146
FC29756-8MS	75-01-4	Vinyl Chloride	MS	REC	77	%	58-137
FC29756-8MS		m,p-Xylene	MS	REC	92	%	80-121
FC29756-8MS	95-47-6	o-Xylene	MS	REC	89	%	78-122
FC29756-8MS	1330-20-7	Xylene (total)	MS	REC	91	%	79-121
FC29756-8MS	1868-53-7	Dibromofluoromethane	MS	SURR	99	%	80-119
FC29756-8MS	17060-07-0	1,2-Dichloroethane-D4	MS	SURR	91	%	81-118
FC29756-8MS	2037-26-5	Toluene-D8	MS	SURR	98	%	89-112
FC29756-8MS	460-00-4	4-Bromofluorobenzene	MS	SURR	99	%	85-114
FC29756-8MSD	67-64-1	Acetone	MSD	REC	106	%	39-160
FC29756-8MSD	67-64-1	Acetone	MSD	RPD	9	%	20
FC29756-8MSD	71-43-2	Benzene	MSD	REC	104	%	79-120
FC29756-8MSD	71-43-2	Benzene	MSD	RPD	6	%	20
FC29756-8MSD	108-86-1	Bromobenzene	MSD	REC	107	%	80-120
FC29756-8MSD	108-86-1	Bromobenzene	MSD	RPD	6	%	20
FC29756-8MSD	74-97-5	Bromochloromethane	MSD	REC	110	%	78-123
FC29756-8MSD	74-97-5	Bromochloromethane	MSD	RPD	6	%	20
FC29756-8MSD	75-27-4	Bromodichloromethane	MSD	REC	93	%	79-125
FC29756-8MSD	75-27-4	Bromodichloromethane	MSD	RPD	7	%	20
FC29756-8MSD	75-25-2	Bromoform	MSD	REC	95	%	66-130
FC29756-8MSD	75-25-2	Bromoform	MSD	RPD	7	%	20
FC29756-8MSD	78-93-3	2-Butanone (MEK)	MSD	REC	119	%	56-143
FC29756-8MSD	78-93-3	2-Butanone (MEK)	MSD	RPD	12	%	20
FC29756-8MSD	104-51-8	n-Butylbenzene	MSD	REC	94	%	75-128
FC29756-8MSD	104-51-8	n-Butylbenzene	MSD	RPD	6	%	20
FC29756-8MSD	135-98-8	sec-Butylbenzene	MSD	REC	95	%	77-126
FC29756-8MSD	135-98-8	sec-Butylbenzene	MSD	RPD	7	%	20
FC29756-8MSD	98-06-6	tert-Butylbenzene	MSD	REC	96	%	78-124
FC29756-8MSD	98-06-6	tert-Butylbenzene	MSD	RPD	7	%	20
FC29756-8MSD	75-15-0	Carbon Disulfide	MSD	REC	94	%	64-133
FC29756-8MSD	75-15-0	Carbon Disulfide	MSD	RPD	5	%	20
FC29756-8MSD	56-23-5	Carbon Tetrachloride	MSD	REC	97	%	72-136
FC29756-8MSD	56-23-5	Carbon Tetrachloride	MSD	RPD	9	%	20
FC29756-8MSD	108-90-7	Chlorobenzene	MSD	REC	105	%	82-118
FC29756-8MSD	108-90-7	Chlorobenzene	MSD	RPD	5	%	20
FC29756-8MSD	75-00-3	Chloroethane	MSD	REC	130	%	60-138
FC29756-8MSD	75-00-3	Chloroethane	MSD	RPD	0	%	20
FC29756-8MSD	67-66-3	Chloroform	MSD	REC	100	%	79-124
FC29756-8MSD	67-66-3	Chloroform	MSD	RPD	3	%	20
FC29756-8MSD	95-49-8	o-Chlorotoluene	MSD	REC	101	%	79-122
FC29756-8MSD	95-49-8	o-Chlorotoluene	MSD	RPD	5	%	20
FC29756-8MSD	106-43-4	p-Chlorotoluene	MSD	REC	99	%	78-122

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-8MSD	106-43-4	p-Chlorotoluene	MSD	RPD	5	%	20
FC29756-8MSD	124-48-1	Dibromochloromethane	MSD	REC	102	%	74-126
FC29756-8MSD	124-48-1	Dibromochloromethane	MSD	RPD	7	%	20
FC29756-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	REC	91	%	62-128
FC29756-8MSD	96-12-8	1,2-Dibromo-3-chloropropane	MSD	RPD	9	%	20
FC29756-8MSD	106-93-4	1,2-Dibromoethane	MSD	REC	107	%	77-121
FC29756-8MSD	106-93-4	1,2-Dibromoethane	MSD	RPD	9	%	20
FC29756-8MSD	75-71-8	Dichlorodifluoromethane	MSD	REC	72	%	32-152
FC29756-8MSD	75-71-8	Dichlorodifluoromethane	MSD	RPD	6	%	20
FC29756-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	REC	106	%	80-119
FC29756-8MSD	95-50-1	1,2-Dichlorobenzene	MSD	RPD	5	%	20
FC29756-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	REC	106	%	80-119
FC29756-8MSD	541-73-1	1,3-Dichlorobenzene	MSD	RPD	5	%	20
FC29756-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	REC	108	%	79-118
FC29756-8MSD	106-46-7	1,4-Dichlorobenzene	MSD	RPD	6	%	20
FC29756-8MSD	75-34-3	1,1-Dichloroethane	MSD	REC	96	%	77-125
FC29756-8MSD	75-34-3	1,1-Dichloroethane	MSD	RPD	6	%	20
FC29756-8MSD	107-06-2	1,2-Dichloroethane	MSD	REC	99	%	73-128
FC29756-8MSD	107-06-2	1,2-Dichloroethane	MSD	RPD	7	%	20
FC29756-8MSD	75-35-4	1,1-Dichloroethylene	MSD	REC	94	%	71-131
FC29756-8MSD	75-35-4	1,1-Dichloroethylene	MSD	RPD	6	%	20
FC29756-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	REC	102	%	78-123
FC29756-8MSD	156-59-2	cis-1,2-Dichloroethylene	MSD	RPD	5	%	20
FC29756-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	REC	94	%	75-124
FC29756-8MSD	156-60-5	trans-1,2-Dichloroethylene	MSD	RPD	5	%	20
FC29756-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	REC	98	%	79-121
FC29756-8MSD	540-59-0	1,2-Dichloroethene (total)	MSD	RPD	5	%	20
FC29756-8MSD	78-87-5	1,2-Dichloropropane	MSD	REC	104	%	78-122
FC29756-8MSD	78-87-5	1,2-Dichloropropane	MSD	RPD	5	%	20
FC29756-8MSD	142-28-9	1,3-Dichloropropane	MSD	REC	107	%	80-119
FC29756-8MSD	142-28-9	1,3-Dichloropropane	MSD	RPD	7	%	20
FC29756-8MSD	594-20-7	2,2-Dichloropropane	MSD	REC	104	%	60-139
FC29756-8MSD	594-20-7	2,2-Dichloropropane	MSD	RPD	12	%	20
FC29756-8MSD	563-58-6	1,1-Dichloropropene	MSD	REC	112	%	79-125
FC29756-8MSD	563-58-6	1,1-Dichloropropene	MSD	RPD	4	%	20
FC29756-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	REC	97	%	75-124
FC29756-8MSD	10061-01-5	cis-1,3-Dichloropropene	MSD	RPD	6	%	20
FC29756-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	REC	99	%	73-127
FC29756-8MSD	10061-02-6	trans-1,3-Dichloropropene	MSD	RPD	9	%	20
FC29756-8MSD	100-41-4	Ethylbenzene	MSD	REC	98	%	79-121
FC29756-8MSD	100-41-4	Ethylbenzene	MSD	RPD	7	%	20
FC29756-8MSD	87-68-3	Hexachlorobutadiene	MSD	REC	102	%	66-134
FC29756-8MSD	87-68-3	Hexachlorobutadiene	MSD	RPD	12	%	20
FC29756-8MSD	591-78-6	2-Hexanone	MSD	REC	106	%	57-139
FC29756-8MSD	591-78-6	2-Hexanone	MSD	RPD	14	%	20

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-8MSD	98-82-8	Isopropylbenzene	MSD	REC	99	%	72-131
FC29756-8MSD	98-82-8	Isopropylbenzene	MSD	RPD	7	%	20
FC29756-8MSD	99-87-6	p-Isopropyltoluene	MSD	REC	98	%	77-127
FC29756-8MSD	99-87-6	p-Isopropyltoluene	MSD	RPD	6	%	20
FC29756-8MSD	74-83-9	Methyl Bromide	MSD	REC	92	%	53-141
FC29756-8MSD	74-83-9	Methyl Bromide	MSD	RPD	18	%	20
FC29756-8MSD	74-87-3	Methyl Chloride	MSD	REC	74	%	50-139
FC29756-8MSD	74-87-3	Methyl Chloride	MSD	RPD	10	%	20
FC29756-8MSD	74-95-3	Methylene Bromide	MSD	REC	106	%	79-123
FC29756-8MSD	74-95-3	Methylene Bromide	MSD	RPD	6	%	20
FC29756-8MSD	75-09-2	Methylene Chloride	MSD	REC	98	%	74-124
FC29756-8MSD	75-09-2	Methylene Chloride	MSD	RPD	7	%	20
FC29756-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	REC	110	%	67-130
FC29756-8MSD	108-10-1	4-Methyl-2-pentanone (MIBK)	MSD	RPD	10	%	20
FC29756-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	REC	100	%	71-124
FC29756-8MSD	1634-04-4	Methyl Tert Butyl Ether	MSD	RPD	7	%	20
FC29756-8MSD	91-20-3	Naphthalene	MSD	REC	102	%	61-128
FC29756-8MSD	91-20-3	Naphthalene	MSD	RPD	11	%	20
FC29756-8MSD	103-65-1	n-Propylbenzene	MSD	REC	100	%	76-126
FC29756-8MSD	103-65-1	n-Propylbenzene	MSD	RPD	5	%	20
FC29756-8MSD	100-42-5	Styrene	MSD	REC	103	%	78-123
FC29756-8MSD	100-42-5	Styrene	MSD	RPD	11	%	20
FC29756-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	REC	101	%	78-124
FC29756-8MSD	630-20-6	1,1,1,2-Tetrachloroethane	MSD	RPD	7	%	20
FC29756-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	REC	109	%	71-121
FC29756-8MSD	79-34-5	1,1,2,2-Tetrachloroethane	MSD	RPD	8	%	20
FC29756-8MSD	127-18-4	Tetrachloroethylene	MSD	REC	101	%	74-129
FC29756-8MSD	127-18-4	Tetrachloroethylene	MSD	RPD	6	%	20
FC29756-8MSD	108-88-3	Toluene	MSD	REC	102	%	80-121
FC29756-8MSD	108-88-3	Toluene	MSD	RPD	7	%	20
FC29756-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	REC	106	%	69-129
FC29756-8MSD	87-61-6	1,2,3-Trichlorobenzene	MSD	RPD	3	%	20
FC29756-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	REC	102	%	69-130
FC29756-8MSD	120-82-1	1,2,4-Trichlorobenzene	MSD	RPD	5	%	20
FC29756-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	REC	108	%	74-131
FC29756-8MSD	71-55-6	1,1,1-Trichloroethane	MSD	RPD	7	%	20
FC29756-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	REC	105	%	80-119
FC29756-8MSD	79-00-5	1,1,2-Trichloroethane	MSD	RPD	6	%	20
FC29756-8MSD	79-01-6	Trichloroethylene	MSD	REC	102	%	79-123
FC29756-8MSD	79-01-6	Trichloroethylene	MSD	RPD	5	%	20
FC29756-8MSD	75-69-4	Trichlorofluoromethane	MSD	REC	80	%	65-141
FC29756-8MSD	75-69-4	Trichlorofluoromethane	MSD	RPD	5	%	20
FC29756-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	REC	106	%	73-122
FC29756-8MSD	96-18-4	1,2,3-Trichloropropane	MSD	RPD	11	%	20
FC29756-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	REC	104	%	76-124

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-8MSD	95-63-6	1,2,4-Trimethylbenzene	MSD	RPD	5	%	20
FC29756-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	REC	97	%	75-124
FC29756-8MSD	108-67-8	1,3,5-Trimethylbenzene	MSD	RPD	6	%	20
FC29756-8MSD	108-05-4	Vinyl Acetate	MSD	REC	99	%	54-146
FC29756-8MSD	108-05-4	Vinyl Acetate	MSD	RPD	6	%	20
FC29756-8MSD	75-01-4	Vinyl Chloride	MSD	REC	82	%	58-137
FC29756-8MSD	75-01-4	Vinyl Chloride	MSD	RPD	7	%	20
FC29756-8MSD		m,p-Xylene	MSD	REC	98	%	80-121
FC29756-8MSD		m,p-Xylene	MSD	RPD	6	%	20
FC29756-8MSD	95-47-6	o-Xylene	MSD	REC	97	%	78-122
FC29756-8MSD	95-47-6	o-Xylene	MSD	RPD	8	%	20
FC29756-8MSD	1330-20-7	Xylene (total)	MSD	REC	98	%	79-121
FC29756-8MSD	1330-20-7	Xylene (total)	MSD	RPD	7	%	20
FC29756-8MSD	1868-53-7	Dibromofluoromethane	MSD	SURR	98	%	80-119
FC29756-8MSD	17060-07-0	1,2-Dichloroethane-D4	MSD	SURR	91	%	81-118
FC29756-8MSD	2037-26-5	Toluene-D8	MSD	SURR	98	%	89-112
FC29756-8MSD	460-00-4	4-Bromofluorobenzene	MSD	SURR	98	%	85-114
VI3773-MB	1868-53-7	Dibromofluoromethane	MB	SURR	100	%	80-119
VI3773-MB	17060-07-0	1,2-Dichloroethane-D4	MB	SURR	93	%	81-118
VI3773-MB	2037-26-5	Toluene-D8	MB	SURR	95	%	89-112
VI3773-MB	460-00-4	4-Bromofluorobenzene	MB	SURR	103	%	85-114
FC29756-1	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-1	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	92	%	81-118
FC29756-1	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-1	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC29756-2	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-2	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-2	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-2	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC29756-3	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-3	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	92	%	81-118
FC29756-3	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-3	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-4	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-4	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	94	%	81-118
FC29756-4	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-4	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-5	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-5	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-5	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-5	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-6	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-6	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-6	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-6	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114

* Sample used for QC is not from job FC29756

QC Evaluation: DOD QSM5.x Limits

Job Number: FC29756
Account: Bhate Environmental
Project: Griffiss AFB; Rome, NY
Collected: 11/21/25 thru 11/25/25

QC Sample ID	CAS#	Analyte	Sample Type	Result Type	Result	Units	Limits
FC29756-7	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-7	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	92	%	81-118
FC29756-7	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-7	460-00-4	4-Bromofluorobenzene	SAMP	SURR	102	%	85-114
FC29756-8	1868-53-7	Dibromofluoromethane	SAMP	SURR	103	%	80-119
FC29756-8	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-8	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-8	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC29756-9	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-9	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-9	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-9	460-00-4	4-Bromofluorobenzene	SAMP	SURR	100	%	85-114
FC29756-10	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-10	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-10	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-10	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-11	1868-53-7	Dibromofluoromethane	SAMP	SURR	101	%	80-119
FC29756-11	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	93	%	81-118
FC29756-11	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-11	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-12	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-12	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	95	%	81-118
FC29756-12	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-12	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-13	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-13	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	94	%	81-118
FC29756-13	2037-26-5	Toluene-D8	SAMP	SURR	95	%	89-112
FC29756-13	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114
FC29756-14	1868-53-7	Dibromofluoromethane	SAMP	SURR	102	%	80-119
FC29756-14	17060-07-0	1,2-Dichloroethane-D4	SAMP	SURR	94	%	81-118
FC29756-14	2037-26-5	Toluene-D8	SAMP	SURR	96	%	89-112
FC29756-14	460-00-4	4-Bromofluorobenzene	SAMP	SURR	101	%	85-114

* Sample used for QC is not from job FC29756

MS Volatiles

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QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries
- Run Sequence Reports

Method Blank Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-MB [a]	I776453.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	10	ug/l	
71-43-2	Benzene	ND	1.0	0.31	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.37	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.45	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.24	ug/l	
75-25-2	Bromoform	ND	1.0	0.41	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	2.0	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.23	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.24	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.31	ug/l	
75-15-0	Carbon Disulfide	ND	2.0	0.53	ug/l	
56-23-5	Carbon Tetrachloride	ND	1.0	0.36	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.20	ug/l	
75-00-3	Chloroethane	ND	2.0	0.67	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.22	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.31	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.28	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	2.0	0.28	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.50	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.32	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.22	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.26	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.34	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.31	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.32	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.28	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.22	ug/l	
540-59-0	1,2-Dichloroethene (total)	ND	2.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.43	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.31	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.34	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.29	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.21	ug/l	

Method Blank Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-MB [a]	I776453.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	1.0	0.36	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.30	ug/l	
591-78-6	2-Hexanone	ND	10	2.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.22	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.21	ug/l	
74-83-9	Methyl Bromide	ND	5.0	2.0	ug/l	
74-87-3	Methyl Chloride	ND	2.0	0.50	ug/l	
74-95-3	Methylene Bromide	ND	2.0	0.37	ug/l	
75-09-2	Methylene Chloride	ND	5.0	2.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	1.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.23	ug/l	
91-20-3	Naphthalene	ND	5.0	1.0	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.29	ug/l	
100-42-5	Styrene	ND	1.0	0.22	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.28	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.30	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.22	ug/l	
108-88-3	Toluene	ND	1.0	0.30	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.61	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.25	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.47	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.35	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.63	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	0.32	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	0.27	ug/l	
108-05-4	Vinyl Acetate	ND	10	2.0	ug/l	
75-01-4	Vinyl Chloride	ND	1.0	0.41	ug/l	
	m,p-Xylene	ND	2.0	0.47	ug/l	
95-47-6	o-Xylene	ND	1.0	0.26	ug/l	
1330-20-7	Xylene (total)	ND	3.0	0.72	ug/l	

Method Blank Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-MB [a]	I776453.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	93%	79-125%
2037-26-5	Toluene-D8	95%	85-112%
460-00-4	4-Bromofluorobenzene	103%	83-118%

(a) Sample was treated with an anti-foaming agent.

Blank Spike Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-BS	I776451.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	125	117	94	50-147
71-43-2	Benzene	25	22.7	91	81-122
108-86-1	Bromobenzene	25	23.6	94	80-121
74-97-5	Bromochloromethane	25	24.5	98	76-123
75-27-4	Bromodichloromethane	25	20.9	84	79-123
75-25-2	Bromoform	25	22.2	89	66-123
78-93-3	2-Butanone (MEK)	125	131	105	56-143
104-51-8	n-Butylbenzene	25	21.5	86	79-126
135-98-8	sec-Butylbenzene	25	21.4	86	83-133
98-06-6	tert-Butylbenzene	25	21.3	85	80-133
75-15-0	Carbon Disulfide	25	20.9	84	66-148
56-23-5	Carbon Tetrachloride	25	20.9	84	76-136
108-90-7	Chlorobenzene	25	23.6	94	82-124
75-00-3	Chloroethane	25	24.9	100	62-144
67-66-3	Chloroform	25	22.6	90	80-124
95-49-8	o-Chlorotoluene	25	22.5	90	81-127
106-43-4	p-Chlorotoluene	25	22.1	88	83-130
124-48-1	Dibromochloromethane	25	23.4	94	78-122
96-12-8	1,2-Dibromo-3-chloropropane	25	20.8	83	64-123
106-93-4	1,2-Dibromoethane	25	24.0	96	75-120
75-71-8	Dichlorodifluoromethane	25	16.1	64	42-167
95-50-1	1,2-Dichlorobenzene	25	23.8	95	82-124
541-73-1	1,3-Dichlorobenzene	25	23.9	96	84-125
106-46-7	1,4-Dichlorobenzene	25	24.2	97	78-120
75-34-3	1,1-Dichloroethane	25	20.5	82	81-122
107-06-2	1,2-Dichloroethane	25	21.9	88	75-125
75-35-4	1,1-Dichloroethylene	25	20.2	81	78-137
156-59-2	cis-1,2-Dichloroethylene	25	24.1	96	78-120
156-60-5	trans-1,2-Dichloroethylene	25	20.9	84	76-127
540-59-0	1,2-Dichloroethene (total)	50	45.1	90	77-122
78-87-5	1,2-Dichloropropane	25	23.1	92	76-124
142-28-9	1,3-Dichloropropane	25	23.9	96	80-118
594-20-7	2,2-Dichloropropane	25	23.8	95	74-139
563-58-6	1,1-Dichloropropene	25	25.1	100	79-131
10061-01-5	cis-1,3-Dichloropropene	25	22.5	90	75-118
10061-02-6	trans-1,3-Dichloropropene	25	22.3	89	80-120

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-BS	I776451.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
100-41-4	Ethylbenzene	25	21.9	88	81-121
87-68-3	Hexachlorobutadiene	25	23.7	95	75-142
591-78-6	2-Hexanone	125	115	92	61-129
98-82-8	Isopropylbenzene	25	22.0	88	83-132
99-87-6	p-Isopropyltoluene	25	21.9	88	79-130
74-83-9	Methyl Bromide	25	21.2	85	59-143
74-87-3	Methyl Chloride	25	16.2	65	50-159
74-95-3	Methylene Bromide	25	23.7	95	78-119
75-09-2	Methylene Chloride	25	22.8	91	69-135
108-10-1	4-Methyl-2-pentanone (MIBK)	125	119	95	66-122
1634-04-4	Methyl Tert Butyl Ether	25	22.4	90	72-117
91-20-3	Naphthalene	25	23.2	93	63-132
103-65-1	n-Propylbenzene	25	22.2	89	82-133
100-42-5	Styrene	25	23.4	94	78-119
630-20-6	1,1,1,2-Tetrachloroethane	25	22.6	90	77-122
79-34-5	1,1,2,2-Tetrachloroethane	25	23.5	94	72-120
127-18-4	Tetrachloroethylene	25	23.8	95	76-135
108-88-3	Toluene	25	22.6	90	80-120
87-61-6	1,2,3-Trichlorobenzene	25	24.5	98	68-131
120-82-1	1,2,4-Trichlorobenzene	25	23.9	96	73-129
71-55-6	1,1,1-Trichloroethane	25	23.3	93	75-130
79-00-5	1,1,2-Trichloroethane	25	23.3	93	76-119
79-01-6	Trichloroethylene	25	22.7	91	81-126
75-69-4	Trichlorofluoromethane	25	17.1	68*	71-156
96-18-4	1,2,3-Trichloropropane	25	23.3	93	77-120
95-63-6	1,2,4-Trimethylbenzene	25	23.5	94	79-120
108-67-8	1,3,5-Trimethylbenzene	25	21.8	87	79-120
108-05-4	Vinyl Acetate	125	112	90	43-154
75-01-4	Vinyl Chloride	25	17.4	70	69-159
	m,p-Xylene	50	43.7	87	79-126
95-47-6	o-Xylene	25	21.6	86	80-127
1330-20-7	Xylene (total)	75	65.3	87	80-126

* = Outside of Control Limits.

Blank Spike Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VI3773-BS	I776451.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	79-125%
2037-26-5	Toluene-D8	99%	85-112%
460-00-4	4-Bromofluorobenzene	98%	83-118%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC29756-8MS	I776475.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8MSD	I776476.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8 [a]	I776455.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	FC29756-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	25 U		125	122	98	125	133	106	9	50-147/21
71-43-2	Benzene	1.0 U		25	24.4	98	25	25.9	104	6	81-122/14
108-86-1	Bromobenzene	1.0 U		25	25.1	100	25	26.7	107	6	80-121/14
74-97-5	Bromochloromethane	1.0 U		25	26.0	104	25	27.5	110	6	76-123/14
75-27-4	Bromodichloromethane	1.0 U		25	21.7	87	25	23.3	93	7	79-123/19
75-25-2	Bromoform	1.0 U		25	22.0	88	25	23.7	95	7	66-123/21
78-93-3	2-Butanone (MEK)	5.0 U		125	132	106	125	149	119	12	56-143/18
104-51-8	n-Butylbenzene	1.0 U		25	22.3	89	25	23.6	94	6	79-126/16
135-98-8	sec-Butylbenzene	1.0 U		25	22.2	89	25	23.7	95	7	83-133/16
98-06-6	tert-Butylbenzene	1.0 U		25	22.3	89	25	24.0	96	7	80-133/16
75-15-0	Carbon Disulfide	2.0 U		25	22.4	90	25	23.6	94	5	66-148/23
56-23-5	Carbon Tetrachloride	1.0 U		25	22.3	89	25	24.3	97	9	76-136/23
108-90-7	Chlorobenzene	1.0 U		25	24.9	100	25	26.3	105	5	82-124/14
75-00-3	Chloroethane	2.0 U		25	32.5	130	25	32.4	130	0	62-144/20
67-66-3	Chloroform	1.0 U		25	24.1	96	25	24.9	100	3	80-124/15
95-49-8	o-Chlorotoluene	1.0 U		25	23.9	96	25	25.2	101	5	81-127/15
106-43-4	p-Chlorotoluene	1.0 U		25	23.4	94	25	24.7	99	5	83-130/15
124-48-1	Dibromochloromethane	1.0 U		25	23.8	95	25	25.5	102	7	78-122/19
96-12-8	1,2-Dibromo-3-chloropropane	5.0 U		25	20.8	83	25	22.8	91	9	64-123/18
106-93-4	1,2-Dibromoethane	2.0 U		25	24.5	98	25	26.8	107	9	75-120/13
75-71-8	Dichlorodifluoromethane	2.0 U		25	16.8	67	25	17.9	72	6	42-167/19
95-50-1	1,2-Dichlorobenzene	1.0 U		25	25.2	101	25	26.6	106	5	82-124/14
541-73-1	1,3-Dichlorobenzene	1.0 U		25	25.2	101	25	26.6	106	5	84-125/14
106-46-7	1,4-Dichlorobenzene	1.0 U		25	25.4	102	25	26.9	108	6	78-120/15
75-34-3	1,1-Dichloroethane	1.0 U		25	22.7	91	25	24.0	96	6	81-122/15
107-06-2	1,2-Dichloroethane	1.0 U		25	23.0	92	25	24.7	99	7	75-125/14
75-35-4	1,1-Dichloroethylene	1.0 U		25	22.2	89	25	23.5	94	6	78-137/18
156-59-2	cis-1,2-Dichloroethylene	1.0 U		25	24.2	97	25	25.4	102	5	78-120/15
156-60-5	trans-1,2-Dichloroethylene	1.0 U		25	22.3	89	25	23.5	94	5	76-127/17
540-59-0	1,2-Dichloroethene (total)	2.0 U		50	46.5	93	50	48.8	98	5	77-122/15
78-87-5	1,2-Dichloropropane	1.0 U		25	24.8	99	25	26.0	104	5	76-124/14
142-28-9	1,3-Dichloropropane	1.0 U		25	24.9	100	25	26.8	107	7	80-118/13
594-20-7	2,2-Dichloropropane	1.0 U		25	23.0	92	25	26.0	104	12	74-139/17
563-58-6	1,1-Dichloropropene	1.0 U		25	26.9	108	25	28.0	112	4	79-131/16
10061-01-5	cis-1,3-Dichloropropene	1.0 U		25	22.7	91	25	24.2	97	6	75-118/23
10061-02-6	trans-1,3-Dichloropropene	1.0 U		25	22.6	90	25	24.7	99	9	80-120/22

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC29756-8MS	I776475.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8MSD	I776476.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8 [a]	I776455.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Compound	FC29756-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	1.0 U		25	22.7	91	25	24.4	98	7	81-121/14
87-68-3	Hexachlorobutadiene	2.0 U		25	22.7	91	25	25.5	102	12	75-142/19
591-78-6	2-Hexanone	10 U		125	116	93	125	133	106	14	61-129/18
98-82-8	Isopropylbenzene	1.0 U		25	23.0	92	25	24.7	99	7	83-132/15
99-87-6	p-Isopropyltoluene	1.0 U		25	23.0	92	25	24.4	98	6	79-130/16
74-83-9	Methyl Bromide	5.0 U		25	19.3	77	25	23.1	92	18	59-143/19
74-87-3	Methyl Chloride	2.0 U		25	16.7	67	25	18.4	74	10	50-159/19
74-95-3	Methylene Bromide	2.0 U		25	24.9	100	25	26.5	106	6	78-119/14
75-09-2	Methylene Chloride	5.0 U		25	22.9	92	25	24.5	98	7	69-135/16
108-10-1	4-Methyl-2-pentanone (MIBK)	5.0 U		125	125	100	125	138	110	10	66-122/16
1634-04-4	Methyl Tert Butyl Ether	1.0 U		25	23.4	94	25	25.1	100	7	72-117/14
91-20-3	Naphthalene	5.0 U		25	22.8	91	25	25.4	102	11	63-132/25
103-65-1	n-Propylbenzene	1.0 U		25	23.6	94	25	24.9	100	5	82-133/15
100-42-5	Styrene	1.0 U		25	23.0	92	25	25.7	103	11	78-119/23
630-20-6	1,1,1,2-Tetrachloroethane	1.0 U		25	23.7	95	25	25.3	101	7	77-122/19
79-34-5	1,1,2,2-Tetrachloroethane	1.0 U		25	25.2	101	25	27.2	109	8	72-120/14
127-18-4	Tetrachloroethylene	1.0 U		25	23.8	95	25	25.3	101	6	76-135/16
108-88-3	Toluene	1.0 U		25	23.9	96	25	25.6	102	7	80-120/14
87-61-6	1,2,3-Trichlorobenzene	2.0 U		25	25.5	102	25	26.4	106	3	68-131/25
120-82-1	1,2,4-Trichlorobenzene	2.0 U		25	24.3	97	25	25.5	102	5	73-129/20
71-55-6	1,1,1-Trichloroethane	1.0 U		25	25.0	100	25	26.9	108	7	75-130/16
79-00-5	1,1,2-Trichloroethane	1.0 U		25	24.6	98	25	26.2	105	6	76-119/14
79-01-6	Trichloroethylene	1.0 U		25	24.2	97	25	25.5	102	5	81-126/15
75-69-4	Trichlorofluoromethane	2.0 U		25	19.2	77	25	20.1	80	5	71-156/21
96-18-4	1,2,3-Trichloropropane	2.0 U		25	23.7	95	25	26.4	106	11	77-120/16
95-63-6	1,2,4-Trimethylbenzene	1.0 U		25	24.7	99	25	26.0	104	5	79-120/18
108-67-8	1,3,5-Trimethylbenzene	1.0 U		25	22.9	92	25	24.3	97	6	79-120/19
108-05-4	Vinyl Acetate	10 U		125	117	94	125	124	99	6	43-154/14
75-01-4	Vinyl Chloride	1.0 U		25	19.2	77	25	20.6	82	7	69-159/18
	m,p-Xylene	2.0 U		50	46.1	92	50	49.1	98	6	79-126/15
95-47-6	o-Xylene	1.0 U		25	22.3	89	25	24.2	97	8	80-127/14
1330-20-7	Xylene (total)	3.0 U		75	68.4	91	75	73.3	98	7	80-126/15

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
FC29756-8MS	I776475.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8MSD	I776476.D	1	12/08/25	DW	n/a	n/a	VI3773
FC29756-8 [a]	I776455.D	1	12/08/25	DW	n/a	n/a	VI3773

The QC reported here applies to the following samples: **Method:** SW846 8260D

FC29756-1, FC29756-2, FC29756-3, FC29756-4, FC29756-5, FC29756-6, FC29756-7, FC29756-8, FC29756-9, FC29756-10, FC29756-11, FC29756-12, FC29756-13, FC29756-14

CAS No.	Surrogate Recoveries	MS	MSD	FC29756-8	Limits
1868-53-7	Dibromofluoromethane	99%	98%	103%	83-118%
17060-07-0	1,2-Dichloroethane-D4	91%	91%	93%	79-125%
2037-26-5	Toluene-D8	98%	98%	96%	85-112%
460-00-4	4-Bromofluorobenzene	99%	98%	100%	83-118%

(a) Sample analyzed beyond hold time.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-BFB
Lab File ID: I775577.D
Instrument ID: GCMSI
Injection Date: 11/06/25
Injection Time: 09:20

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	104968	100.0		Pass
96	5.0 - 9.0% of mass 95	7067	6.73		Pass
173	Less than 2.0% of mass 174	666	0.63	(0.82) [a]	Pass
174	50.0 - 200.0% of mass 95	81685	77.8		Pass
175	5.0 - 9.0% of mass 174	5901	5.62	(7.22) [a]	Pass
176	95.0 - 105.0% of mass 174	79152	75.4	(96.9) [a]	Pass
177	5.0 - 10.0% of mass 176	5389	5.13	(6.81) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3738-IC3738	I775578.D	11/06/25	09:40	00:20	Initial cal 1
VI3738-IC3738	I775579.D	11/06/25	09:56	00:36	Initial cal 8
VI3738-IC3738	I775580.D	11/06/25	10:12	00:52	Initial cal 2
VI3738-ICC3738	I775583.D	11/06/25	11:00	01:40	Initial cal 5
VI3738-IC3738	I775584.D	11/06/25	11:16	01:56	Initial cal 6
VI3738-IC3738	I775585.D	11/06/25	11:32	02:12	Initial cal 7
VI3738-IC3738	I775587.D	11/06/25	12:11	02:51	Initial cal 3
VI3738-IC3738	I775588.D	11/06/25	12:34	03:14	Initial cal 4
VI3738-ICV3738	I775589.D	11/06/25	13:23	04:03	Initial cal verification 5

Instrument Performance Check (BFB)

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-BFB
Lab File ID: I776449.D
Instrument ID: GCMSI
Injection Date: 12/08/25
Injection Time: 10:54

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
95	Base peak, 100% relative abundance	94085	100.0		Pass
96	5.0 - 9.0% of mass 95	5936	6.31		Pass
173	Less than 2.0% of mass 174	562	0.60	(0.69) [a]	Pass
174	50.0 - 200.0% of mass 95	81157	86.3		Pass
175	5.0 - 9.0% of mass 174	5721	6.08	(7.05) [a]	Pass
176	95.0 - 105.0% of mass 174	78704	83.7	(97.0) [a]	Pass
177	5.0 - 10.0% of mass 176	4619	4.91	(5.87) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
VI3773-CC3738	I776450.D	12/08/25	11:24	00:30	Continuing cal 4
VI3773-BS	I776451.D	12/08/25	12:18	01:24	Blank Spike
VI3773-MB	I776453.D	12/08/25	12:50	01:56	Method Blank
FC29756-8	I776455.D	12/08/25	14:13	03:19	789MW-222_1125
FC29756-1	I776456.D	12/08/25	14:29	03:35	789MW-135_1125
FC29756-2	I776457.D	12/08/25	14:45	03:51	789MW-46R_1125
FC29756-3	I776458.D	12/08/25	15:02	04:08	789MW-83_1125
FC29756-4	I776459.D	12/08/25	15:18	04:24	789MW-95_1125
FC29756-5	I776460.D	12/08/25	15:34	04:40	789MW-99_1125
FC29756-6	I776461.D	12/08/25	15:50	04:56	789MW-99_1125-A
FC29756-7	I776462.D	12/08/25	16:07	05:13	789MW-216_1125
FC29756-9	I776463.D	12/08/25	16:23	05:29	789MW-251_1125
FC29756-10	I776464.D	12/08/25	16:39	05:45	789SW-02_1125
FC29756-11	I776465.D	12/08/25	16:56	06:02	789SW-03_1125
FC29756-12	I776466.D	12/08/25	17:12	06:18	789SW-04_1125
FC29756-13	I776467.D	12/08/25	17:28	06:34	789-AB01_1125-D
FC29756-14	I776468.D	12/08/25	17:45	06:51	789-TB01_1125-C
ZZZZZZ	I776469.D	12/08/25	18:01	07:07	(unrelated sample)
ZZZZZZ	I776470.D	12/08/25	18:17	07:23	(unrelated sample)
ZZZZZZ	I776471.D	12/08/25	18:33	07:39	(unrelated sample)
ZZZZZZ	I776472.D	12/08/25	18:49	07:55	(unrelated sample)
ZZZZZZ	I776473.D	12/08/25	19:05	08:11	(unrelated sample)
ZZZZZZ	I776474.D	12/08/25	19:21	08:27	(unrelated sample)
FC29756-8MS	I776475.D	12/08/25	19:37	08:43	Matrix Spike
FC29756-8MSD	I776476.D	12/08/25	19:54	09:00	Matrix Spike Duplicate
VI3773-ECC3738	I776477.D	12/08/25	20:10	09:16	Ending cal 4

Internal Standard Area Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3773-CC3738	**Injection Date:**	12/08/25
Lab File ID:	I776450.D	**Injection Time:**	11:24
Instrument ID:	GCMSI	**Method:**	SW846 8260D

	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
Initial Cal [a]	385859	3.61	285697	5.58	157163	7.31
Check Std [b]	393090	3.61	289724	5.57	158246	7.31
Upper Limit [c]	786180	3.78	579448	5.74	316492	7.48
Lower Limit [d]	196545	3.44	144862	5.40	79123	7.14

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	IS 3 AREA	RT
VI3773-BS	386954	3.61	284997	5.57	155389	7.31
VI3773-MB [e]	385141	3.61	290340	5.58	148016	7.31
FC29756-8 [f]	384777	3.61	287865	5.57	150684	7.31
FC29756-1	386188	3.61	289432	5.58	149721	7.31
FC29756-2 [e]	381516	3.61	289265	5.58	143320	7.31
FC29756-3	380469	3.61	284868	5.58	149448	7.31
FC29756-4	375553	3.61	283211	5.58	146502	7.32
FC29756-5 [f]	371334	3.61	280415	5.58	145438	7.31
FC29756-6 [f]	372769	3.61	281311	5.58	146237	7.31
FC29756-7 [e]	373131	3.61	283637	5.58	142030	7.31
FC29756-9	373372	3.61	282555	5.58	146074	7.31
FC29756-10 [f]	372801	3.61	279542	5.58	144657	7.31
FC29756-11 [f]	373262	3.61	281097	5.58	147808	7.31
FC29756-12 [f]	369122	3.61	279758	5.58	145032	7.31
FC29756-13	370889	3.61	279808	5.58	144432	7.31
FC29756-14 [f]	373421	3.61	281632	5.58	145438	7.31
ZZZZZZ	367481	3.61	276601	5.58	148023	7.31
ZZZZZZ	366612	3.61	275838	5.58	146266	7.31
ZZZZZZ	370332	3.61	279099	5.58	145968	7.31
ZZZZZZ	369653	3.61	276687	5.58	147888	7.31
ZZZZZZ	371903	3.61	281085	5.58	148509	7.31
ZZZZZZ	371988	3.61	280002	5.58	147592	7.31
FC29756-8MS	372221	3.61	276574	5.58	148916	7.31
FC29756-8MSD	374403	3.61	278697	5.58	150962	7.31
VI3773-ECC3738	373821	3.61	276896	5.58	150100	7.31

IS 1 = Fluorobenzene
IS 2 = Chlorobenzene-D5
IS 3 = 1,4-Dichlorobenzene-d4

(a) Initial Cal is: VI3738-ICC3738 I775583.D 11/06/25 11:00
(b) Check Std Limit = -50 to + 100% of initial cal area.
(c) Upper Limit = + 100% of check standard area; Retention time + 0.167 minutes.

Internal Standard Area Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Check Std:	VI3773-CC3738	**Injection Date:**	12/08/25
Lab File ID:	I776450.D	**Injection Time:**	11:24
Instrument ID:	GCMSI	**Method:**	SW846 8260D

Lab Sample ID	IS 1 AREA	IS 1 RT	IS 2 AREA	IS 2 RT	IS 3 AREA	IS 3 RT

(d) Lower Limit = -50% of check standard area; Retention time -0.167 minutes.
(e) Sample was treated with an anti-foaming agent.
(f) Sample analyzed beyond hold time.

Surrogate Recovery Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Method: SW846 8260D **Matrix:** AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
FC29756-1	I776456.D	101	92	95	100
FC29756-2	I776457.D	102	93	96	102
FC29756-3	I776458.D	101	92	96	101
FC29756-4	I776459.D	102	94	95	101
FC29756-5	I776460.D	101	93	95	101
FC29756-6	I776461.D	101	93	95	101
FC29756-7	I776462.D	102	92	95	102
FC29756-8	I776455.D	103	93	96	100
FC29756-9	I776463.D	101	93	95	100
FC29756-10	I776464.D	101	93	96	101
FC29756-11	I776465.D	101	93	96	101
FC29756-12	I776466.D	102	95	95	101
FC29756-13	I776467.D	102	94	95	101
FC29756-14	I776468.D	102	94	96	101
FC29756-8MS	I776475.D	99	91	98	99
FC29756-8MSD	I776476.D	98	91	98	98
VI3773-BS	I776451.D	100	91	99	98
VI3773-MB	I776453.D	100	93	95	103

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	83-118%
S2 = 1,2-Dichloroethane-D4	79-125%
S3 = Toluene-D8	85-112%
S4 = 4-Bromofluorobenzene	83-118%

Initial Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-ICC3738
Lab FileID: I775583.D

Response Factor Report VOA16-MSI

Method : C:\msdchem\1\met...I3738_11062025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Calibration Files
1 =I775578.D 2 =I775580.D 3 =I775587.D 4 =I775588.D
5 =I775583.D 6 =I775584.D 7 =I775585.D 8 =I775579.D

Compound	1	2	3	4	5	6	7	8	Avg	%RSD
1) I Fluorobenzene	----------ISTD----------									
2) Dichlorodifl	0.283	0.250	0.241	0.245	0.255	0.248	0.247	0.260	0.254	5.19
3) Chloromethan		0.231	0.203	0.201	0.202	0.194	0.199	0.252	0.212	10.19
4) 1,3-butadien		0.180	0.165	0.156	0.158	0.149	0.147	0.177	0.162	7.93
---- Quadratic regression ---- Coefficient = 0.9997										
Response Ratio = 0.00103 + 0.16062 *A + -0.00736 *A^2										
5) Vinyl Chlori	0.250	0.236	0.213	0.215	0.221	0.214	0.215	0.233	0.225	6.00
6) Bromomethane		0.105	0.085	0.084	0.090	0.091	0.090		0.091	8.28
7) Chloroethane	0.093	0.068	0.058	0.056	0.055			0.078	0.068	22.22
---- Quadratic regression ---- Coefficient = 0.9994										
Response Ratio = 0.00081 + 0.05616 *A + -0.00286 *A^2										
8) Trichloroflu	0.348	0.314	0.289	0.287	0.290			0.327	0.309	8.04
9) Ethyl Ether	0.172	0.175	0.159	0.157	0.160	0.153	0.154	0.166	0.162	5.13
10) Ethanol		0.008	0.007	0.005	0.005	0.004	0.004		0.005	33.41
---- Quadratic regression ---- Coefficient = 0.9973										
Response Ratio = 0.00813 + 0.00467 *A + -0.00003 *A^2										
11) 1,2-Dichloro	0.170	0.150	0.127	0.126	0.130	0.126	0.126	0.156	0.139	12.55
12) 1,1-Dichloro	0.316	0.299	0.259	0.265	0.272	0.264	0.260	0.295	0.279	7.72
13) Freon 113	0.182	0.183	0.164	0.172	0.177	0.167	0.164	0.178	0.173	4.41
14) Carbon Disul	0.639	0.583	0.520	0.514	0.519	0.504	0.507	0.585	0.547	9.07
---- Linear regr., Force(0,0) ---- Coefficient = 0.9997										
Response Ratio = 0.00000 + 0.51232 *A										
15) Iodomethane		0.104	0.140	0.140	0.155	0.163	0.156		0.143	14.86
---- Linear regr., Force(0,0) ---- Coefficient = 0.9985										
Response Ratio = 0.00000 + 0.15458 *A										
16) Acrolein	0.045	0.052	0.051	0.051	0.052	0.049	0.050	0.064	0.052	10.40
17) Allyl chlori		0.276	0.232	0.228	0.230	0.220	0.198	0.260	0.235	10.90
18) Methylene Ch		0.278	0.239	0.230	0.230	0.220	0.218		0.236	9.31
19) Acetone	0.112	0.101	0.090	0.095	0.093	0.082	0.073	0.102	0.093	13.19
20) Methyl aceta	0.270	0.261	0.228	0.244	0.255	0.239	0.249	0.249	0.249	5.18
21) trans-1,2-Di	0.333	0.296	0.255	0.253	0.258	0.251	0.253	0.306	0.276	11.53
22) Hexane		0.169	0.149	0.135	0.133	0.133	0.133	0.132	0.190	0.147	14.67
23) Methyl Tert	0.608	0.640	0.578	0.591	0.597	0.579	0.577	0.593	0.595	3.56
24) Acetonitrile		0.055	0.042	0.038	0.038	0.034	0.035	0.085	0.047	38.84
---- Quadratic regression ---- Coefficient = 0.9988										
Response Ratio = 0.01998 + 0.03438 *A + -0.00002 *A^2										
25) Tert Butyl A	0.076	0.069	0.065	0.068	0.067	0.059	0.054	0.076	0.067	11.69
26) Di-isopropyl	0.662	0.643	0.587	0.589	0.602	0.581	0.580	0.663	0.613	5.94
27) Chloroprene	0.573	0.550	0.547	0.566	0.548	0.527	0.509	0.550	0.546	3.70
28) 1,1-Dichloro	0.430	0.370	0.318	0.321	0.326	0.317	0.320	0.366	0.346	11.68

Initial Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-ICC3738
Lab FileID: I775583.D

29)	Acrylonitril	0.088	0.086	0.080	0.083	0.081	0.078	0.082	0.085	0.083	3.85
30)	ETBE	0.629	0.649	0.591	0.600	0.611	0.606	0.608	0.609	0.613	2.92
31)	Vinyl acetat	0.527	0.554	0.536	0.539	0.538	0.522	0.518	0.537	0.534	2.15
32)	cis-1,2-Dich	0.248	0.203	0.177	0.181	0.180	0.176	0.175	0.204	0.193	13.07
33)	2,2-Dichloro	0.415	0.321	0.276	0.291	0.273	0.266	0.284	0.352	0.310	16.53
	---- Linear regr., Force(0,0) ---- Coefficient = 0.9987										
	Response Ratio = 0.00000 + 0.27939 *A										
34)	Bromochlorom	0.114	0.110	0.100	0.097	0.098	0.092	0.091	0.103	0.101	8.08
35)	Cyclohexane	0.305	0.333	0.284	0.286	0.296	0.289	0.288	0.316	0.300	5.83
36)	Chloroform	0.420	0.390	0.328	0.323	0.331	0.322	0.326	0.402	0.355	11.65
37)	Ethyl acetat	0.365	0.358	0.347	0.357	0.358	0.343	0.347	0.351	0.353	2.09
38)	Tetrahydrofu		0.138	0.122	0.125	0.135	0.128	0.120	0.144	0.130	6.83
39)	Dibromofluor	0.302	0.307	0.299	0.301	0.299	0.298	0.295	0.300	0.300	1.20
40)	Carbon Tetra	0.310	0.288	0.253	0.257	0.270	0.262	0.255	0.297	0.274	7.85
41)	1,1,1-Trichl	0.440	0.315	0.270	0.279	0.284	0.275	0.277	0.351	0.311	18.88
	---- Quadratic regression ---- Coefficient = 0.9996										
	Response Ratio = 0.00323 + 0.27248 *A + 0.00135 *A^2										
42)	2-Butanone	0.187	0.189	0.169	0.188	0.187	0.172	0.173	0.189	0.182	4.73
43)	1,1-Dichloro	0.262	0.254	0.222	0.221	0.226	0.218	0.217	0.246	0.233	7.69
44)	tert-Butyl f	0.232	0.236	0.232	0.231	0.234	0.226	0.226	0.236	0.232	1.76
45)	Propionitril	0.063	0.055	0.049	0.050	0.051	0.047	0.049	0.050	0.052	9.62
46)	Methacryloni	0.184	0.193	0.174	0.181	0.184	0.173	0.168	0.182	0.180	4.30
47)	Benzene	0.876	0.774	0.665	0.669	0.680	0.654	0.663	0.787	0.721	11.32
48)	TAME	0.673	0.616	0.556	0.561	0.581	0.564	0.556	0.632	0.592	7.32
49)	1,2-Dichloro	0.349	0.349	0.345	0.352	0.360	0.351	0.349	0.348	0.350	1.31
50)	1,2-Dichloro	0.288	0.288	0.262	0.266	0.275	0.263	0.258	0.283	0.273	4.48
51)	Isobutyl Alc	0.009	0.009	0.008	0.008	0.009	0.008	0.009	0.009	0.009	4.81
52)	Tert Amyl Al	0.065	0.064	0.057	0.062	0.063	0.057	0.061	0.066	0.062	5.66
53)	Trichloroeth	0.258	0.210	0.189	0.186	0.188	0.180	0.182	0.213	0.201	13.07
54)	Methylcycloh	0.264	0.274	0.264	0.264	0.272	0.265	0.261	0.277	0.268	2.15
55)	Dibromometha	0.148	0.144	0.133	0.132	0.134	0.128	0.128	0.145	0.136	5.85
56)	1,2-Dichloro	0.221	0.203	0.180	0.180	0.186	0.179	0.179	0.206	0.192	8.38
57)	Bromodichlor	0.344	0.290	0.261	0.253	0.260	0.254	0.258	0.299	0.277	11.58
58)	Methyl metha	0.278	0.236	0.215	0.220	0.225	0.221	0.224	0.246	0.233	8.84
59)	1,4-Dioxane		0.004	0.006	0.005	0.005	0.004	0.005		0.005	14.58
60)	2-Chloroethy	0.137	0.140	0.138	0.136	0.139	0.132	0.135	0.135	0.136	1.81
61)	cis-1,3-Dich	0.343	0.333	0.309	0.307	0.314	0.304	0.302	0.326	0.317	4.76
62)	I Chlorobenzene-d5	----------	----------	----------	ISTD	----------	----------	----------	----------	----------	
63)	Toluene-d8	1.264	1.300	1.296	1.314	1.311	1.315	1.346	1.302	1.306	1.76
64)	Toluene	1.194	1.061	0.936	0.945	0.957	0.934	0.969	1.106	1.013	9.58
65)	2-Nitropropa	0.148	0.151	0.134	0.142	0.146	0.139	0.145	0.158	0.145	5.08
66)	4-Methyl-2-p	0.408	0.456	0.411	0.444	0.441	0.419	0.437	0.435	0.432	3.93
67)	trans-1,3-Di	0.437	0.449	0.399	0.401	0.411	0.400	0.412	0.418	0.416	4.34
68)	Tetrachloroe	0.298	0.290	0.250	0.254	0.266	0.264	0.271	0.301	0.274	7.15
69)	Ethyl methac	0.412	0.396	0.363	0.369	0.372	0.360	0.382	0.375	0.379	4.65
70)	1,1,2-Trichl	0.203	0.235	0.198	0.200	0.201	0.195	0.201	0.253	0.211	10.12
71)	Dibromochlor	0.293	0.309	0.284	0.284	0.294	0.288	0.298	0.305	0.295	3.15
72)	1,3-Dichloro	0.400	0.440	0.393	0.400	0.407	0.390	0.403	0.435	0.408	4.56
73)	1,2-Dibromoe	0.280	0.307	0.274	0.280	0.280	0.270	0.278	0.297	0.283	4.45
74)	3,3-Dimethyl	0.081	0.085	0.081	0.088	0.088	0.080	0.088	0.087	0.085	3.91
75)	2-hexanone	0.463	0.515	0.466	0.505	0.504	0.467	0.496	0.496	0.489	4.21
76)	1-Chlorohexa		0.397	0.311	0.307	0.331	0.315	0.318	0.429	0.344	14.20
77)	Ethylbenzene	1.315	1.201	1.059	1.062	1.058	1.031	1.056	1.226	1.126	9.41
78)	Chlorobenzen	0.823	0.710	0.625	0.629	0.640	0.626	0.647	0.709	0.676	10.21
79)	1,1,1,2-Tetr	0.283	0.267	0.242	0.244	0.250	0.243	0.248	0.283	0.258	6.89
80)	m,p-Xylene	1.011	0.936	0.820	0.824	0.841	0.806	0.824	0.966	0.879	9.06
81)	o-Xylene	1.036	0.935	0.810	0.814	0.834	0.808	0.814	0.972	0.878	10.25

Initial Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY
Sample: VI3738-ICC3738
Lab FileID: I775583.D

```
 82) Styrene      0.790 0.711 0.636 0.640 0.657 0.634 0.703 0.763 0.692   8.73
 83) Bromoform    0.206 0.218 0.200 0.208 0.218 0.212 0.223 0.214 0.212   3.61
 84) Isopropylben 1.295 1.165 0.999 0.998 1.031 0.990 1.007 1.254 1.092  11.56

 85) I   1,4-Dichlorobenzene-d ----------------ISTD--------------------
 86) 4-Bromofluor 0.765 0.752 0.763 0.756 0.744 0.740 0.754 0.764 0.755   1.23
 87) cis-1,4-Dich       0.315 0.277 0.284 0.283 0.280 0.289       0.288   4.76
 88) n-Propylbenz 2.928 2.414 2.137 2.139 2.141 2.086 2.083 2.472 2.300  12.81
 89) Bromobenzene 0.604 0.557 0.509 0.500 0.501 0.494 0.507 0.579 0.531   7.99
 90) 1,1,2,2-Tetr 1.025 0.799 0.702 0.691 0.689 0.688 0.709 0.916 0.777  16.46
             ---- Quadratic regression ----  Coefficient =  0.9998
               Response Ratio = 0.00865 + 0.66336 *A + 0.01867 *A^2

 91) 1,3,5-Trimet 2.032 1.780 1.564 1.554 1.561 1.522 1.506 1.861 1.673  11.62
 92) 2-Chlorotolu 1.578 1.338 1.192 1.187 1.203 1.142 1.135 1.376 1.269  12.02
 93) trans-1,4-Di       0.240 0.218 0.210 0.216 0.215 0.225       0.221   4.89
 94) 1,2,3-Trichl 0.250 0.246 0.221 0.226 0.228 0.224 0.231 0.252 0.235   5.26
 95) Cyclohexanon       0.051 0.056 0.050 0.048 0.047 0.051 0.054 0.051   5.91
 96) 4-Chlorotolu 1.782 1.550 1.395 1.358 1.363 1.349 1.349 1.573 1.465  10.74
 97) tert-Butylbe 1.117 0.952 0.832 0.837 0.834 0.807 0.797 0.960 0.892  12.36
 98) 1,2,4-Trimet 1.981 1.726 1.546 1.545 1.545 1.515 1.498 1.780 1.642  10.45
 99) Pentachloroe 0.397 0.296 0.288 0.283 0.280 0.272 0.278 0.320 0.302  13.68
100) sec-Butylben 2.441 2.023 1.811 1.771 1.777 1.716 1.671 2.144 1.919  13.80
101) 4-Isopropylt 2.099 1.753 1.563 1.541 1.531 1.484 1.459 1.800 1.654  13.17
102) 1,3-Dichloro 1.125 1.006 0.899 0.901 0.897 0.880 0.888 1.011 0.951   9.23
103) 1,2,3-Trimet 2.034 1.804 1.604 1.586 1.605 1.570 1.558 1.850 1.701  10.25
104) 1,4-Dichloro 1.115 1.009 0.932 0.914 0.912 0.901 0.897 1.060 0.967   8.61
105) n-Butylbenze 1.086 0.923 0.821 0.805 0.806 0.783 0.764 0.988 0.872  13.20
106) Benzyl Chlor      0.348 0.321 0.320 0.318 0.315 0.322 0.351 0.328   4.65
             ---- Linear regr., Force(0,0) ----  Coefficient =  0.9998
               Response Ratio = 0.00000 + 0.31974 *A

107) 1,2-Dichloro 1.017 0.951 0.853 0.857 0.870 0.852 0.861 0.990 0.906   7.54
108) 1,2-Dibromo-      0.223 0.195 0.206 0.210 0.207 0.217 0.228 0.212   5.35
109) Hexachlorobu 0.237 0.218 0.212 0.191 0.181 0.170 0.162 0.261 0.204  16.78
             ---- Quadratic regression ----  Coefficient =  0.9992
               Response Ratio = 0.00153 + 0.19817 *A + -0.01933 *A^2

110) 1,2,4-Trichl 0.625 0.557 0.535 0.518 0.499 0.490 0.481 0.604 0.539   9.88
111) Naphthalene  2.101 2.025 1.892 1.903 1.903 1.853 1.886 2.105 1.959   5.21
112) 1,2,3-Trichl 0.564 0.504 0.491 0.474 0.471 0.449 0.441 0.538 0.492   8.63
 ------------------------------------------------------------------------
 (#) = Out of Range  ###  Number of calibration levels exceeded format  ###

          VI3738_11062025.M        Thu Nov 06 14:26:21 2025
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Initial Calibration Verification

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-ICV3738
Lab FileID: I775589.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\11-06-25\I775589.D Vial: 13
Acq On : 6 Nov 2025 1:23 pm Operator: jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3738_11062025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Thu Nov 06 14:25:20 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	97	0.00	3.61
2	Dichlorodifluoromethane	0.254	0.229	9.8	87	0.00	1.08
3	Chloromethane	0.212	0.176	17.0	84	0.00	1.20
		Amount	Calc.	%Drift			
4	1,3-butadiene	40.000	37.965	5.1	91	0.00	1.27
		AvgRF	CCRF	%Dev			
5	Vinyl Chloride	0.225	0.203	9.8	89	0.00	1.25
6	Bromomethane	0.091	0.093	-2.2	101	0.00	1.45
		Amount	Calc.	%Drift			
7	Chloroethane	40.000	62.461	-56.2#	146	0.00	1.52
		AvgRF	CCRF	%Dev			
8	Trichlorofluoromethane	0.309	0.277	10.4	93	0.00	1.60
9	Ethyl Ether	0.162	0.146	9.9	89	0.00	1.78
		Amount	Calc.	%Drift			
10	Ethanol	800.000	772.343	3.5	92	0.00	1.86
		AvgRF	CCRF	%Dev			
11	1,2-Dichlorotrifluoroetha	0.139	0.189	-36.0#	142	0.00	1.88
12	1,1-Dichloroethene	0.279	0.251	10.0	90	0.00	1.89
13	Freon 113	0.173	0.160	7.5	88	0.00	1.91
		Amount	Calc.	%Drift			
14	Carbon Disulfide	40.000	33.152	17.1	79	0.00	1.91
15	Iodomethane	40.000	36.598	8.5	89	0.00	1.97
		AvgRF	CCRF	%Dev			
16	Acrolein	0.052	0.042	19.2	79	0.00	2.07
17	Allyl chloride	0.235	0.242	-3.0	102	0.00	2.15
18	Methylene Chloride	0.236	0.228	3.4	96	0.00	2.20
19	Acetone	0.093	0.098	-5.4	103	0.00	2.23
20	Methyl acetate	0.249	0.259	-4.0	98	0.00	2.30
21	trans-1,2-Dichloroethene	0.276	0.254	8.0	95	0.00	2.29
22	Hexane	0.147	0.118	19.7	86	0.00	2.33
23	Methyl Tert Butyl Ether	0.595	0.602	-1.2	98	0.00	2.35
		Amount	Calc.	%Drift			
24	Acetonitrile	400.000	439.939	-10.0	102	0.00	2.48

Initial Calibration Verification

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-ICV3738
Lab FileID: I775589.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.067	0.068	-1.5	99	0.00	2.40
26		Di-isopropyl ether	0.613	0.550	10.3	89	0.00	2.55
27		Chloroprene	0.546	0.632	-15.8	112	0.00	2.64
28		1,1-Dichloroethane	0.346	0.316	8.7	94	0.00	2.62
29		Acrylonitrile	0.083	0.092	-10.8	110	0.00	2.64
30		ETBE	0.613	0.585	4.6	93	0.00	2.75
31		Vinyl acetate	0.534	0.512	4.1	92	0.00	2.75
32		cis-1,2-Dichloroethene	0.193	0.180	6.7	97	0.00	2.91
			Amount	Calc.	%Drift			
33		2,2-Dichloropropane	40.000	42.461	-6.2	105	0.00	2.97
			AvgRF	CCRF	%Dev			
34		Bromochloromethane	0.101	0.096	5.0	94	0.00	3.02
35		Cyclohexane	0.300	0.255	15.0	84	0.00	3.02
36		Chloroform	0.355	0.329	7.3	97	0.00	3.05
37		Ethyl acetate	0.353	0.347	1.7	94	0.00	3.11
38		Tetrahydrofuran	0.130	0.117	10.0	84	0.00	3.14
39	S	Dibromofluoromethane	0.300	0.297	1.0	97	0.00	3.15
40		Carbon Tetrachloride	0.274	0.260	5.1	93	0.00	3.14
			Amount	Calc.	%Drift			
41		1,1,1-Trichloroethane	40.000	41.193	-3.0	98	0.00	3.17
			AvgRF	CCRF	%Dev			
42		2-Butanone	0.182	0.194	-6.6	101	0.00	3.22
43		1,1-Dichloropropene	0.233	0.240	-3.0	103	0.00	3.24
44		tert-Butyl formate	0.232	0.253	-9.1	105	0.00	3.30
45		Propionitrile	0.052	0.055	-5.8	104	0.00	3.39
46		Methacrylonitrile	0.180	0.191	-6.1	101	0.00	3.39
47		Benzene	0.721	0.662	8.2	94	0.00	3.38
48		TAME	0.592	0.625	-5.6	104	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.350	0.353	-0.9	95	0.00	3.45
50		1,2-Dichloroethane	0.273	0.270	1.1	95	0.00	3.48
51		Isobutyl Alcohol	0.009	0.009	0.0	102	0.00	3.44
52		Tert Amyl Alcohol	0.062	0.063	-1.6	98	0.00	3.54
53		Trichloroethene	0.201	0.186	7.5	96	0.00	3.70
54		Methylcyclohexane	0.268	0.239	10.8	85	0.00	3.70
55		Dibromomethane	0.136	0.137	-0.7	99	0.00	3.95
56		1,2-Dichloropropane	0.192	0.184	4.2	96	0.00	4.01
57		Bromodichloromethane	0.277	0.259	6.5	97	0.00	4.04
58		Methyl methacrylate	0.233	0.235	-0.9	101	0.00	4.13
59		1,4-Dioxane	0.005	0.005	0.0	101	0.00	4.17
60		2-Chloroethyl vinyl ether	0.136	0.160	-17.6	112	0.00	4.38
61		cis-1,3-Dichloropropene	0.317	0.312	1.6	97	0.00	4.42
62	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00	5.57
63	S	Toluene-d8	1.306	1.311	-0.4	96	0.00	4.55
64		Toluene	1.013	0.961	5.1	97	0.00	4.58
65		2-Nitropropane	0.145	0.165	-13.8	109	0.00	4.72
66		4-Methyl-2-pentanone	0.432	0.443	-2.5	97	0.00	4.81
67		trans-1,3-Dichloropropene	0.416	0.421	-1.2	99	0.00	4.84
68		Tetrachloroethene	0.274	0.269	1.8	97	0.00	4.83
69		Ethyl methacrylate	0.379	0.379	0.0	98	0.00	4.94
70		1,1,2-Trichloroethane	0.211	0.209	0.9	100	0.00	4.94
71		Dibromochloromethane	0.295	0.307	-4.1	101	0.00	5.06
72		1,3-Dichloropropane	0.408	0.411	-0.7	97	0.00	5.12
73		1,2-Dibromoethane	0.283	0.284	-0.4	98	0.00	5.22

Initial Calibration Verification

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3738-ICV3738
Lab FileID: I775589.D

74		3,3-Dimethyl-1-Butanol	0.085	0.088	-3.5	97	0.00	5.35
75		2-hexanone	0.489	0.510	-4.3	98	0.00	5.37
76		1-Chlorohexane	0.344	0.301	12.5	88	0.00	5.57
77		Ethylbenzene	1.126	1.080	4.1	98	0.00	5.60
78		Chlorobenzene	0.676	0.665	1.6	100	0.00	5.58
79		1,1,1,2-Tetrachloroethane	0.258	0.257	0.4	99	0.00	5.62
80		m,p-Xylene	0.879	0.842	4.2	97	0.00	5.70
81		o-Xylene	0.878	0.838	4.6	97	0.00	6.01
82		Styrene	0.692	0.703	-1.6	103	0.00	6.05
83		Bromoform	0.212	0.217	-2.4	96	0.00	6.07
84		Isopropylbenzene	1.092	1.042	4.6	98	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00	7.31
86	S	4-Bromofluorobenzene	0.755	0.751	0.5	96	0.00	6.45
87		cis-1,4-Dichloro-2-butene	0.288	0.277	3.8	93	0.00	6.50
88		n-Propylbenzene	2.300	2.195	4.6	97	0.00	6.56
89		Bromobenzene	0.531	0.528	0.6	100	0.00	6.53
		----------	Amount	Calc.	%Drift	----------		
90		1,1,2,2-Tetrachloroethane	40.000	40.018	-0.0	95	0.00	6.61
		----------	AvgRF	CCRF	%Dev	----------		
91		1,3,5-Trimethylbenzene	1.673	1.592	4.8	97	0.00	6.71
92		2-Chlorotoluene	1.269	1.252	1.3	99	0.00	6.67
93		trans-1,4-Dichloro-2-Bute	0.221	0.213	3.6	94	0.00	6.74
94		1,2,3-Trichloropropane	0.235	0.233	0.9	97	0.00	6.71
95		Cyclohexanone	0.051	0.078	-52.9#	152	0.00	6.74
96		4-Chlorotoluene	1.465	1.421	3.0	99	0.00	6.80
97		tert-Butylbenzene	0.892	0.862	3.4	98	0.00	6.95
98		1,2,4-Trimethylbenzene	1.642	1.659	-1.0	102	0.00	7.01
99		Pentachloroethane	0.302	0.290	4.0	98	0.00	6.97
100		sec-Butylbenzene	1.919	1.744	9.1	93	0.00	7.09
101		4-Isopropyltoluene	1.654	1.579	4.5	98	0.00	7.21
102		1,3-Dichlorobenzene	0.951	0.948	0.3	100	0.00	7.26
103		1,2,3-Trimethylbenzene	1.701	1.612	5.2	95	0.00	7.35
104		1,4-Dichlorobenzene	0.967	0.969	-0.2	101	0.00	7.33
105		n-Butylbenzene	0.872	0.831	4.7	98	0.00	7.53
		----------	Amount	Calc.	%Drift	----------		
106		Benzyl Chloride	40.000	32.668	18.3	78	0.00	7.51
		----------	AvgRF	CCRF	%Dev	----------		
107		1,2-Dichlorobenzene	0.906	0.893	1.4	97	0.00	7.64
108		1,2-Dibromo-3-Chloropropa	0.212	0.210	0.9	95	0.00	8.22
		----------	Amount	Calc.	%Drift	----------		
109		Hexachlorobutadiene	40.000	41.039	-2.6	99	0.00	8.67
		----------	AvgRF	CCRF	%Dev	----------		
110		1,2,4-Trichlorobenzene	0.539	0.521	3.3	99	0.00	8.68
111		Naphthalene	1.959	1.968	-0.5	98	0.00	8.89
112		1,2,3-Trichlorobenzene	0.492	0.483	1.8	97	0.00	9.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I775583.D VI3738_11062025.M Thu Nov 06 14:50:34 2025

Continuing Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-CC3738
Lab FileID: I776450.D

Evaluate Continuing Calibration Report

Data File : C:\msdchem\1\data\12-08-25\I776450.D Vial: 2
Acq On : 8 Dec 2025 11:24 am Operator: davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3738_11062025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Thu Nov 06 14:25:20 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	104	0.00	3.61
2	Dichlorodifluoromethane	0.254	0.237	6.7	100	0.00	1.09
3	Chloromethane	0.212	0.210	0.9	109	0.00	1.21
		Amount	Calc.	%Drift			
4	1,3-butadiene	25.000	3.078	87.7#	14	0.00	1.27
		AvgRF	CCRF	%Dev			
5	Vinyl Chloride	0.225	0.211	6.2	102	0.00	1.26
6	Bromomethane	0.091	0.082	9.9	101	0.00	1.46
		Amount	Calc.	%Drift			
7	Chloroethane	25.000	20.270	18.9	86	0.00	1.52
		AvgRF	CCRF	%Dev			
8	Trichlorofluoromethane	0.309	0.252	18.4	91	0.00	1.60
9	Ethyl Ether	0.162	0.140	13.6	92	0.00	1.78
		Amount	Calc.	%Drift			
10	Ethanol	500.000	407.261	18.5	94	0.00	1.87
		AvgRF	CCRF	%Dev			
11	1,2-Dichlorotrifluoroetha	0.139	0.179	-28.8#	148	0.00	1.89
12	1,1-Dichloroethene	0.279	0.223	20.1#	87	0.00	1.89
13	Freon 113	0.173	0.159	8.1	96	0.00	1.91
		Amount	Calc.	%Drift			
14	Carbon Disulfide	25.000	22.000	12.0	91	0.00	1.91
15	Iodomethane	25.000	20.587	17.7	94	0.00	1.97
		AvgRF	CCRF	%Dev			
16	Acrolein	0.052	0.042	19.2	86	0.00	2.08
17	Allyl chloride	0.235	0.178	24.3#	81	0.00	2.15
18	Methylene Chloride	0.236	0.206	12.7	93	0.00	2.20
19	Acetone	0.093	0.071	23.7#	78	0.00	2.24
20	Methyl acetate	0.249	0.217	12.9	92	0.00	2.30
21	trans-1,2-Dichloroethene	0.276	0.227	17.8	93	0.00	2.30
22	Hexane	0.147	0.127	13.6	98	0.00	2.33
23	Methyl Tert Butyl Ether	0.595	0.513	13.8	90	0.00	2.35
		Amount	Calc.	%Drift			
24	Acetonitrile	250.000	230.620	7.8	96	0.00	2.49

Continuing Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-CC3738
Lab FileID: I776450.D

			AvgRF	CCRF	%Dev			
25		Tert Butyl Alcohol	0.067	0.062	7.5	95	0.00	2.40
26		Di-isopropyl ether	0.613	0.514	16.2	90	0.00	2.55
27		Chloroprene	0.546	0.561	-2.7	103	0.00	2.65
28		1,1-Dichloroethane	0.346	0.293	15.3	95	0.00	2.62
29		Acrylonitrile	0.083	0.087	-4.8	108	0.00	2.65
30		ETBE	0.613	0.542	11.6	94	0.00	2.75
31		Vinyl acetate	0.534	0.421	21.2#	81	0.00	2.75
32		cis-1,2-Dichloroethene	0.193	0.179	7.3	103	0.00	2.91
			Amount	Calc.	%Drift			
33		2,2-Dichloropropane	25.000	22.447	10.2	90	0.00	2.97
			AvgRF	CCRF	%Dev			
34		Bromochloromethane	0.101	0.104	-3.0	111	0.00	3.02
35		Cyclohexane	0.300	0.284	5.3	103	0.00	3.03
36		Chloroform	0.355	0.324	8.7	104	0.00	3.05
37		Ethyl acetate	0.353	0.326	7.6	95	0.00	3.11
38		Tetrahydrofuran	0.130	0.128	1.5	106	0.00	3.14
39	S	Dibromofluoromethane	0.300	0.300	0.0	103	0.00	3.16
40		Carbon Tetrachloride	0.274	0.233	15.0	94	0.00	3.14
			Amount	Calc.	%Drift			
41		1,1,1-Trichloroethane	25.000	23.327	6.7	97	0.00	3.17
			AvgRF	CCRF	%Dev			
42		2-Butanone	0.182	0.158	13.2	87	0.00	3.22
43		1,1-Dichloropropene	0.233	0.216	7.3	101	0.00	3.24
44		tert-Butyl formate	0.232	0.191	17.7	86	0.00	3.30
45		Propionitrile	0.052	0.052	0.0	108	0.00	3.39
46		Methacrylonitrile	0.180	0.164	8.9	94	0.00	3.39
47		Benzene	0.721	0.675	6.4	105	0.00	3.38
48		TAME	0.592	0.534	9.8	99	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.350	0.316	9.7	93	0.00	3.45
50		1,2-Dichloroethane	0.273	0.245	10.3	96	0.00	3.49
51		Isobutyl Alcohol	0.009	0.007	22.2#	83	0.00	3.44
52		Tert Amyl Alcohol	0.062	0.056	9.7	94	0.00	3.54
53		Trichloroethene	0.201	0.187	7.0	104	0.00	3.70
54		Methylcyclohexane	0.268	0.264	1.5	104	0.00	3.70
55		Dibromomethane	0.136	0.129	5.1	102	0.00	3.95
56		1,2-Dichloropropane	0.192	0.182	5.2	105	0.00	4.01
57		Bromodichloromethane	0.277	0.240	13.4	99	0.00	4.04
58		Methyl methacrylate	0.233	0.181	22.3#	85	0.00	4.13
59		1,4-Dioxane	0.005	0.004	20.0	98	0.00	4.17
60		2-Chloroethyl vinyl ether	0.136	0.161	-18.4	123	0.00	4.38
61		cis-1,3-Dichloropropene	0.317	0.298	6.0	101	0.00	4.42
62	I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00	5.57
63	S	Toluene-d8	1.306	1.297	0.7	102	0.00	4.55
64		Toluene	1.013	0.946	6.6	103	0.00	4.58
65		2-Nitropropane	0.145	0.082	43.4#	60	0.00	4.72
66		4-Methyl-2-pentanone	0.432	0.371	14.1	86	0.00	4.81
67		trans-1,3-Dichloropropene	0.416	0.385	7.5	99	0.00	4.84
68		Tetrachloroethene	0.274	0.266	2.9	108	0.00	4.83
69		Ethyl methacrylate	0.379	0.322	15.0	90	0.00	4.94
70		1,1,2-Trichloroethane	0.211	0.199	5.7	103	0.00	4.94
71		Dibromochloromethane	0.295	0.272	7.8	99	0.00	5.06
72		1,3-Dichloropropane	0.408	0.400	2.0	103	0.00	5.13
73		1,2-Dibromoethane	0.283	0.277	2.1	102	0.00	5.22

Continuing Calibration Summary

Job Number: FC29756 **Sample:** VI3773-CC3738
Account: BHATALB Bhate Environmental **Lab FileID:** I776450.D
Project: Griffiss AFB; Rome, NY

74		3,3-Dimethyl-1-Butanol	0.085	0.082	3.5	97	0.00	5.35
75		2-hexanone	0.489	0.432	11.7	88	0.00	5.37
76		1-Chlorohexane	0.344	0.301	12.5	101	0.00	5.57
77		Ethylbenzene	1.126	1.023	9.1	100	0.00	5.60
78		Chlorobenzene	0.676	0.643	4.9	106	0.00	5.58
79		1,1,1,2-Tetrachloroethane	0.258	0.236	8.5	100	0.00	5.63
80		m,p-Xylene	0.879	0.796	9.4	100	0.00	5.70
81		o-Xylene	0.878	0.783	10.8	99	0.00	6.02
82		Styrene	0.692	0.622	10.1	100	0.00	6.05
83		Bromoform	0.212	0.191	9.9	95	0.00	6.07
84		Isopropylbenzene	1.092	0.981	10.2	101	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00	7.31
86	S	4-Bromofluorobenzene	0.755	0.741	1.9	103	0.00	6.45
87		cis-1,4-Dichloro-2-butene	0.288	0.233	19.1	86	0.00	6.50
88		n-Propylbenzene	2.300	2.057	10.6	101	0.00	6.56
89		Bromobenzene	0.531	0.515	3.0	108	0.00	6.53

			Amount	Calc.	%Drift			
90		1,1,2,2-Tetrachloroethane	25.000	24.572	1.7	103	0.00	6.61

			AvgRF	CCRF	%Dev			
91		1,3,5-Trimethylbenzene	1.673	1.492	10.8	100	0.00	6.71
92		2-Chlorotoluene	1.269	1.138	10.3	100	0.00	6.67
93		trans-1,4-Dichloro-2-Bute	0.221	0.175	20.8#	87	0.00	6.74
94		1,2,3-Trichloropropane	0.235	0.223	5.1	104	0.00	6.71
95		Cyclohexanone	0.051	0.050	2.0	104	0.00	6.74
96		4-Chlorotoluene	1.465	1.321	9.8	102	0.00	6.80
97		tert-Butylbenzene	0.892	0.758	15.0	95	0.00	6.95
98		1,2,4-Trimethylbenzene	1.642	1.475	10.2	100	0.00	7.01
99		Pentachloroethane	0.302	0.267	11.6	99	0.00	6.97
100		sec-Butylbenzene	1.919	1.769	7.8	104	0.00	7.09
101		4-Isopropyltoluene	1.654	1.495	9.6	102	0.00	7.21
102		1,3-Dichlorobenzene	0.951	0.911	4.2	106	0.00	7.26
103		1,2,3-Trimethylbenzene	1.701	1.560	8.3	103	0.00	7.35
104		1,4-Dichlorobenzene	0.967	0.927	4.1	106	0.00	7.33
105		n-Butylbenzene	0.872	0.768	11.9	100	0.00	7.53

			Amount	Calc.	%Drift			
106		Benzyl Chloride	25.000	21.851	12.6	92	0.00	7.51

			AvgRF	CCRF	%Dev			
107		1,2-Dichlorobenzene	0.906	0.867	4.3	106	0.00	7.64
108		1,2-Dibromo-3-Chloropropa	0.212	0.177	16.5	90	0.00	8.22

			Amount	Calc.	%Drift			
109		Hexachlorobutadiene	25.000	23.933	4.3	101	0.00	8.67

			AvgRF	CCRF	%Dev			
110		1,2,4-Trichlorobenzene	0.539	0.508	5.8	103	0.00	8.68
111		Naphthalene	1.959	1.767	9.8	97	0.00	8.89
112		1,2,3-Trichlorobenzene	0.492	0.472	4.1	104	0.00	9.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I775588.D VI3738_11062025.M Mon Dec 08 13:00:13 2025

Continuing Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-ECC3738
Lab FileID: I776477.D

Evaluate Continuing Calibration Report

Data File : R:\GBS Manila Data V...3773\VI3773\I776477.d Vial: 29
Acq On : 8 Dec 2025 8:10 pm Operator: davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : R:\GBS Manila Da...I3738_11062025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D
Last Update : Thu Nov 06 14:25:20 2025
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.16min
Max. RRF Dev : 50% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1 I	Fluorobenzene	1.000	1.000	0.0	99	0.00	3.61
2	Dichlorodifluoromethane	0.254	0.222	12.6	89	0.00	1.09
3	Chloromethane	0.212	0.195	8.0	96	0.00	1.20
	----------	True	Calc.	% Drift	----------		
4	1,3-butadiene	25.000	3.494	86.0#	15	0.00	1.27
	----------	AvgRF	CCRF	% Dev	----------		
5	Vinyl Chloride	0.225	0.199	11.6	91	0.00	1.26
6	Bromomethane	0.091	0.075	17.6	88	0.00	1.45
	----------	True	Calc.	% Drift	----------		
7	Chloroethane	25.000	17.502	30.0	71	0.00	1.52
	----------	AvgRF	CCRF	% Dev	----------		
8	Trichlorofluoromethane	0.309	0.230	25.6	79	0.00	1.60
9	Ethyl Ether	0.162	0.138	14.8	87	0.00	1.78
	----------	True	Calc.	% Drift	----------		
10	Ethanol	500.000	491.021	1.8	104	0.00	1.88
	----------	AvgRF	CCRF	% Dev	----------		
11	1,2-Dichlorotrifluoroetha	0.139	0.170	-22.3	133	0.00	1.89
12	1,1-Dichloroethene	0.279	0.211	24.4	78	0.00	1.89
13	Freon 113	0.173	0.149	13.9	85	0.00	1.91
	----------	True	Calc.	% Drift	----------		
14	Carbon Disulfide	25.000	20.011	20.0	79	0.00	1.91
15	Iodomethane	25.000	21.862	12.6	95	0.00	1.98
	----------	AvgRF	CCRF	% Dev	----------		
16	Acrolein	0.052	0.040	23.1	79	0.00	2.08
17	Allyl chloride	0.235	0.168	28.5	73	0.00	2.15
18	Methylene Chloride	0.236	0.204	13.6	88	0.00	2.21
19	Acetone	0.093	0.071	23.7	74	0.00	2.24
20	Methyl acetate	0.249	0.221	11.2	89	0.00	2.30
21	trans-1,2-Dichloroethene	0.276	0.217	21.4	85	0.00	2.30
22	Hexane	0.147	0.117	20.4	86	0.00	2.34
23	Methyl Tert Butyl Ether	0.595	0.500	16.0	84	0.00	2.36
	----------	True	Calc.	% Drift	----------		
24	Acetonitrile	250.000	226.296	9.5	90	0.00	2.49

Continuing Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-ECC3738
Lab FileID: I776477.D

			AvgRF	CCRF	% Dev			
25		Tert Butyl Alcohol	0.067	0.063	6.0	92	0.00	2.41
26		Di-isopropyl ether	0.613	0.505	17.6	85	0.00	2.56
27		Chloroprene	0.546	0.583	-6.8	102	0.00	2.65
28		1,1-Dichloroethane	0.346	0.302	12.7	93	0.00	2.63
29		Acrylonitrile	0.083	0.090	-8.4	107	0.00	2.65
30		ETBE	0.613	0.557	9.1	92	0.00	2.75
31		Vinyl acetate	0.534	0.428	19.9	78	0.00	2.75
32		cis-1,2-Dichloroethene	0.193	0.173	10.4	95	0.00	2.91
			True	Calc.	% Drift			
33		2,2-Dichloropropane	25.000	20.038	19.8	76	0.00	2.97
			AvgRF	CCRF	% Dev			
34		Bromochloromethane	0.101	0.099	2.0	100	0.00	3.02
35		Cyclohexane	0.300	0.269	10.3	93	0.00	3.03
36		Chloroform	0.355	0.306	13.8	94	0.00	3.06
37		Ethyl acetate	0.353	0.315	10.8	87	0.00	3.12
38		Tetrahydrofuran	0.130	0.128	1.5	101	0.00	3.15
39	S	Dibromofluoromethane	0.300	0.298	0.7	98	0.00	3.16
40		Carbon Tetrachloride	0.274	0.224	18.2	86	0.00	3.14
			True	Calc.	% Drift			
41		1,1,1-Trichloroethane	25.000	22.069	11.7	88	0.00	3.18
			AvgRF	CCRF	% Dev			
42		2-Butanone	0.182	0.153	15.9	80	0.00	3.22
43		1,1-Dichloropropene	0.233	0.203	12.9	91	0.00	3.24
44		tert-Butyl formate	0.232	0.169	27.2	72	0.00	3.30
45		Propionitrile	0.052	0.051	1.9	100	0.00	3.39
46		Methacrylonitrile	0.180	0.160	11.1	87	0.00	3.40
47		Benzene	0.721	0.637	11.7	94	0.00	3.38
48		TAME	0.592	0.511	13.7	90	0.00	3.44
49	S	1,2-Dichloroethane-d4	0.350	0.322	8.0	90	0.00	3.45
50		1,2-Dichloroethane	0.273	0.235	13.9	87	0.00	3.49
51		Isobutyl Alcohol	0.009	0.007	22.2	79	0.00	3.44
52		Tert Amyl Alcohol	0.062	0.056	9.7	89	0.00	3.55
53		Trichloroethene	0.201	0.177	11.9	94	0.00	3.71
54		Methylcyclohexane	0.268	0.245	8.6	92	0.00	3.71
55		Dibromomethane	0.136	0.125	8.1	94	0.00	3.95
56		1,2-Dichloropropane	0.192	0.173	9.9	95	0.00	4.02
57		Bromodichloromethane	0.277	0.231	16.6	90	0.00	4.05
58		Methyl methacrylate	0.233	0.183	21.5	82	0.00	4.13
59		1,4-Dioxane	0.005	0.005	0.0	103	0.01	4.18
60		2-Chloroethyl vinyl ether	0.136	0.152	-11.8	110	0.00	4.39
61		cis-1,3-Dichloropropene	0.317	0.279	12.0	90	0.00	4.43
62	I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00	5.58
63	S	Toluene-d8	1.306	1.289	1.3	97	0.00	4.55
64		Toluene	1.013	0.898	11.4	94	0.00	4.58
65		2-Nitropropane	0.145	0.077	46.9	53	0.00	4.72
66		4-Methyl-2-pentanone	0.432	0.363	16.0	81	0.00	4.81
67		trans-1,3-Dichloropropene	0.416	0.368	11.5	90	0.00	4.84
68		Tetrachloroethene	0.274	0.259	5.5	101	0.00	4.83
69		Ethyl methacrylate	0.379	0.316	16.6	85	0.00	4.94
70		1,1,2-Trichloroethane	0.211	0.193	8.5	95	0.00	4.95
71		Dibromochloromethane	0.295	0.258	12.5	90	0.00	5.07
72		1,3-Dichloropropane	0.408	0.386	5.4	95	0.00	5.13
73		1,2-Dibromoethane	0.283	0.270	4.6	95	0.00	5.23

Continuing Calibration Summary

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Sample: VI3773-ECC3738
Lab FileID: I776477.D

74		3,3-Dimethyl-1-Butanol	0.085	0.084	1.2	95	0.00	5.36
75		2-hexanone	0.489	0.428	12.5	84	0.00	5.37
76		1-Chlorohexane	0.344	0.298	13.4	96	0.00	5.57
77		Ethylbenzene	1.126	0.962	14.6	89	0.00	5.61
78		Chlorobenzene	0.676	0.613	9.3	96	0.00	5.59
79		1,1,1,2-Tetrachloroethane	0.258	0.225	12.8	91	0.00	5.63
80		m,p-Xylene	0.879	0.753	14.3	90	0.00	5.71
81		o-Xylene	0.878	0.742	15.5	90	0.00	6.01
82		Styrene	0.692	0.596	13.9	92	0.00	6.06
83		Bromoform	0.212	0.181	14.6	86	0.00	6.07
84		Isopropylbenzene	1.092	0.928	15.0	92	0.00	6.25
85	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00	7.31
86	S	4-Bromofluorobenzene	0.755	0.743	1.6	98	0.00	6.45
87		cis-1,4-Dichloro-2-butene	0.288	0.220	23.6	77	0.00	6.50
88		n-Propylbenzene	2.300	1.980	13.9	92	0.00	6.56
89		Bromobenzene	0.531	0.498	6.2	99	0.00	6.53
		----------	True	Calc.	% Drift	----------		
90		1,1,2,2-Tetrachloroethane	25.000	24.854	0.6	99	0.00	6.61
		----------	AvgRF	CCRF	% Dev	----------		
91		1,3,5-Trimethylbenzene	1.673	1.425	14.8	91	0.00	6.71
92		2-Chlorotoluene	1.269	1.110	12.5	93	0.00	6.67
93		trans-1,4-Dichloro-2-Bute	0.221	0.170	23.1	80	0.00	6.74
94		1,2,3-Trichloropropane	0.235	0.225	4.3	99	0.00	6.71
95		Cyclohexanone	0.051	0.052	-2.0	103	0.00	6.74
96		4-Chlorotoluene	1.465	1.261	13.9	92	0.00	6.80
97		tert-Butylbenzene	0.892	0.734	17.7	87	0.00	6.95
98		1,2,4-Trimethylbenzene	1.642	1.435	12.6	92	0.00	7.01
99		Pentachloroethane	0.302	0.240	20.5	84	0.00	6.97
100		sec-Butylbenzene	1.919	1.690	11.9	95	0.00	7.10
101		4-Isopropyltoluene	1.654	1.442	12.8	93	0.00	7.21
102		1,3-Dichlorobenzene	0.951	0.873	8.2	96	0.00	7.26
103		1,2,3-Trimethylbenzene	1.701	1.508	11.3	94	0.00	7.35
104		1,4-Dichlorobenzene	0.967	0.901	6.8	98	0.00	7.33
105		n-Butylbenzene	0.872	0.712	18.3	88	0.00	7.53
		----------	True	Calc.	% Drift	----------		
106		Benzyl Chloride	25.000	19.167	23.3	76	0.00	7.51
		----------	AvgRF	CCRF	% Dev	----------		
107		1,2-Dichlorobenzene	0.906	0.855	5.6	99	0.00	7.64
108		1,2-Dibromo-3-Chloropropa	0.212	0.177	16.5	85	0.00	8.22
		----------	True	Calc.	% Drift	----------		
109		Hexachlorobutadiene	25.000	22.659	9.4	91	0.00	8.67
		----------	AvgRF	CCRF	% Dev	----------		
110		1,2,4-Trichlorobenzene	0.539	0.496	8.0	95	0.00	8.68
111		Naphthalene	1.959	1.770	9.6	92	0.00	8.89
112		1,2,3-Trichlorobenzene	0.492	0.467	5.1	98	0.00	9.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0
I775588.D VI3738_11062025.M Tue Dec 09 05:45:52 2025

Run Sequence Report

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3738 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3738-BFB	I775577.D	11/06/25 09:20	n/a	BFB Tune
VI3738-IC3738	I775578.D	11/06/25 09:40	n/a	Initial cal 1
VI3738-IC3738	I775579.D	11/06/25 09:56	n/a	Initial cal 8
VI3738-IC3738	I775580.D	11/06/25 10:12	n/a	Initial cal 2
VI3738-ICC3738	I775583.D	11/06/25 11:00	n/a	Initial cal 5
VI3738-IC3738	I775584.D	11/06/25 11:16	n/a	Initial cal 6
VI3738-IC3738	I775585.D	11/06/25 11:32	n/a	Initial cal 7
VI3738-IC3738	I775587.D	11/06/25 12:11	n/a	Initial cal 3
VI3738-IC3738	I775588.D	11/06/25 12:34	n/a	Initial cal 4
VI3738-ICV3738	I775589.D	11/06/25 13:23	n/a	Initial cal verification 5

Run Sequence Report

Job Number: FC29756
Account: BHATALB Bhate Environmental
Project: Griffiss AFB; Rome, NY

Run ID: VI3773 **Method:** SW846 8260D **Instrument ID:** GCMSI

Lab Sample ID	Lab File ID	Date/Time Analyzed	Prep QC Batch	Client Sample ID
VI3773-BFB	I776449.D	12/08/25 10:54	n/a	BFB Tune
VI3773-CC3738	I776450.D	12/08/25 11:24	n/a	Continuing cal 4
VI3773-BS	I776451.D	12/08/25 12:18	n/a	Blank Spike
VI3773-MB	I776453.D	12/08/25 12:50	n/a	Method Blank
FC29756-8	I776455.D	12/08/25 14:13	n/a	789MW-222_1125
FC29756-1	I776456.D	12/08/25 14:29	n/a	789MW-135_1125
FC29756-2	I776457.D	12/08/25 14:45	n/a	789MW-46R_1125
FC29756-3	I776458.D	12/08/25 15:02	n/a	789MW-83_1125
FC29756-4	I776459.D	12/08/25 15:18	n/a	789MW-95_1125
FC29756-5	I776460.D	12/08/25 15:34	n/a	789MW-99_1125
FC29756-6	I776461.D	12/08/25 15:50	n/a	789MW-99_1125-A
FC29756-7	I776462.D	12/08/25 16:07	n/a	789MW-216_1125
FC29756-9	I776463.D	12/08/25 16:23	n/a	789MW-251_1125
FC29756-10	I776464.D	12/08/25 16:39	n/a	789SW-02_1125
FC29756-11	I776465.D	12/08/25 16:56	n/a	789SW-03_1125
FC29756-12	I776466.D	12/08/25 17:12	n/a	789SW-04_1125
FC29756-13	I776467.D	12/08/25 17:28	n/a	789-AB01_1125-D
FC29756-14	I776468.D	12/08/25 17:45	n/a	789-TB01_1125-C
ZZZZZZ	I776469.D	12/08/25 18:01	n/a	(unrelated sample)
ZZZZZZ	I776470.D	12/08/25 18:17	n/a	(unrelated sample)
ZZZZZZ	I776471.D	12/08/25 18:33	n/a	(unrelated sample)
ZZZZZZ	I776472.D	12/08/25 18:49	n/a	(unrelated sample)
ZZZZZZ	I776473.D	12/08/25 19:05	n/a	(unrelated sample)
ZZZZZZ	I776474.D	12/08/25 19:21	n/a	(unrelated sample)
FC29756-8MS	I776475.D	12/08/25 19:37	n/a	Matrix Spike
FC29756-8MSD	I776476.D	12/08/25 19:54	n/a	Matrix Spike Duplicate
VI3773-ECC3738	I776477.D	12/08/25 20:10	n/a	Ending cal 4

MS Volatiles

Raw Data

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776456.d
Acq On : 8 Dec 2025 2:29 pm
Operator : davidw
Sample : FC29756-1 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 09 04:52:27 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

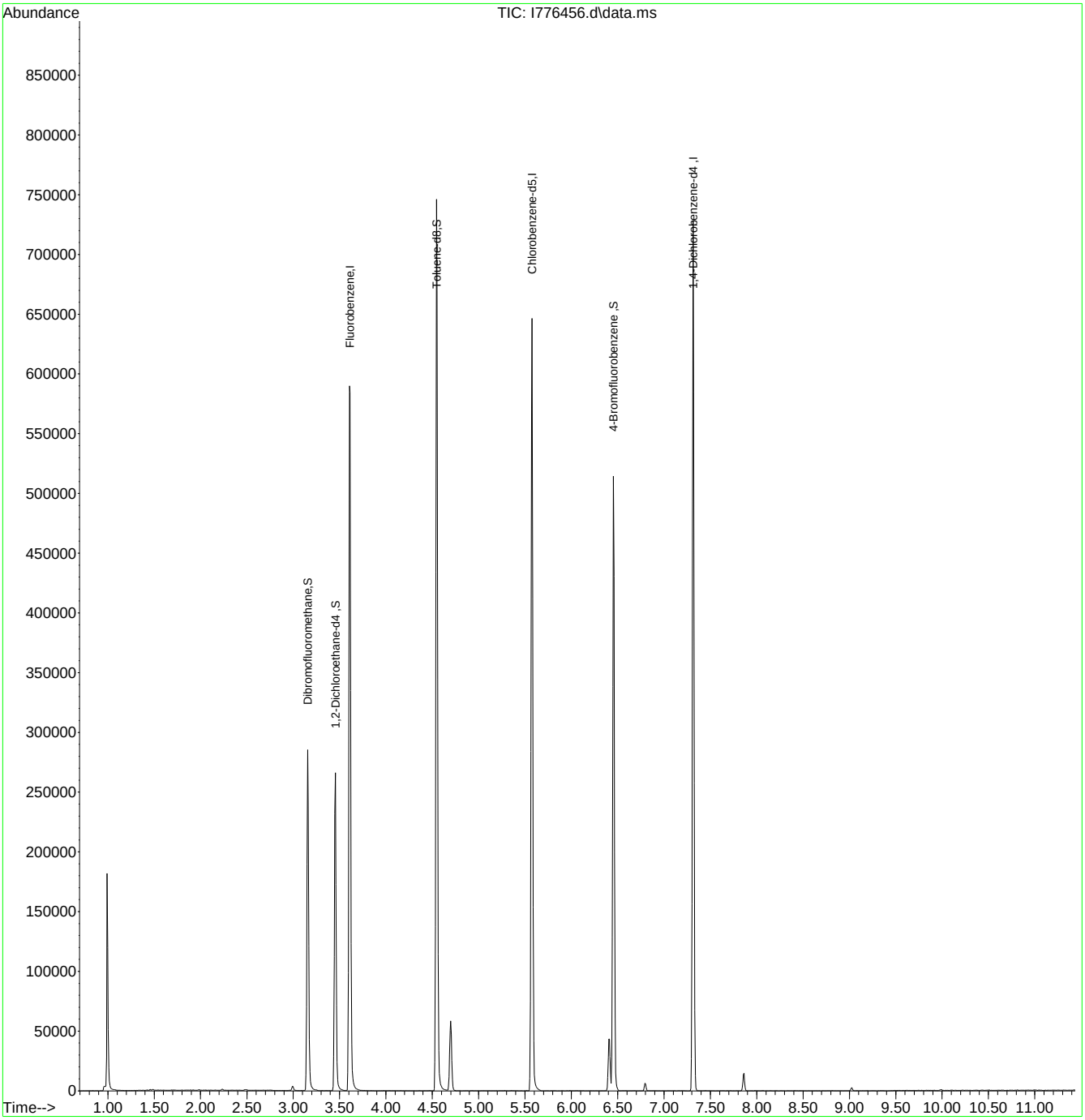
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	386188	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	289432	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	149721	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	117354	50.63	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.26%			
49) 1,2-Dichloroethane-d4	3.455	65	125106	46.23	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.46%			
63) Toluene-d8	4.546	98	359245	47.52	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.04%			
86) 4-Bromofluorobenzene	6.454	174	113265	50.12	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.24%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776456.d
Acq On : 8 Dec 2025 2:29 pm
Operator : davidw
Sample : FC29756-1 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 09 04:52:27 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776457.d
Acq On : 8 Dec 2025 2:45 pm
Operator : davidw
Sample : FC29756-2 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 09 04:53:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

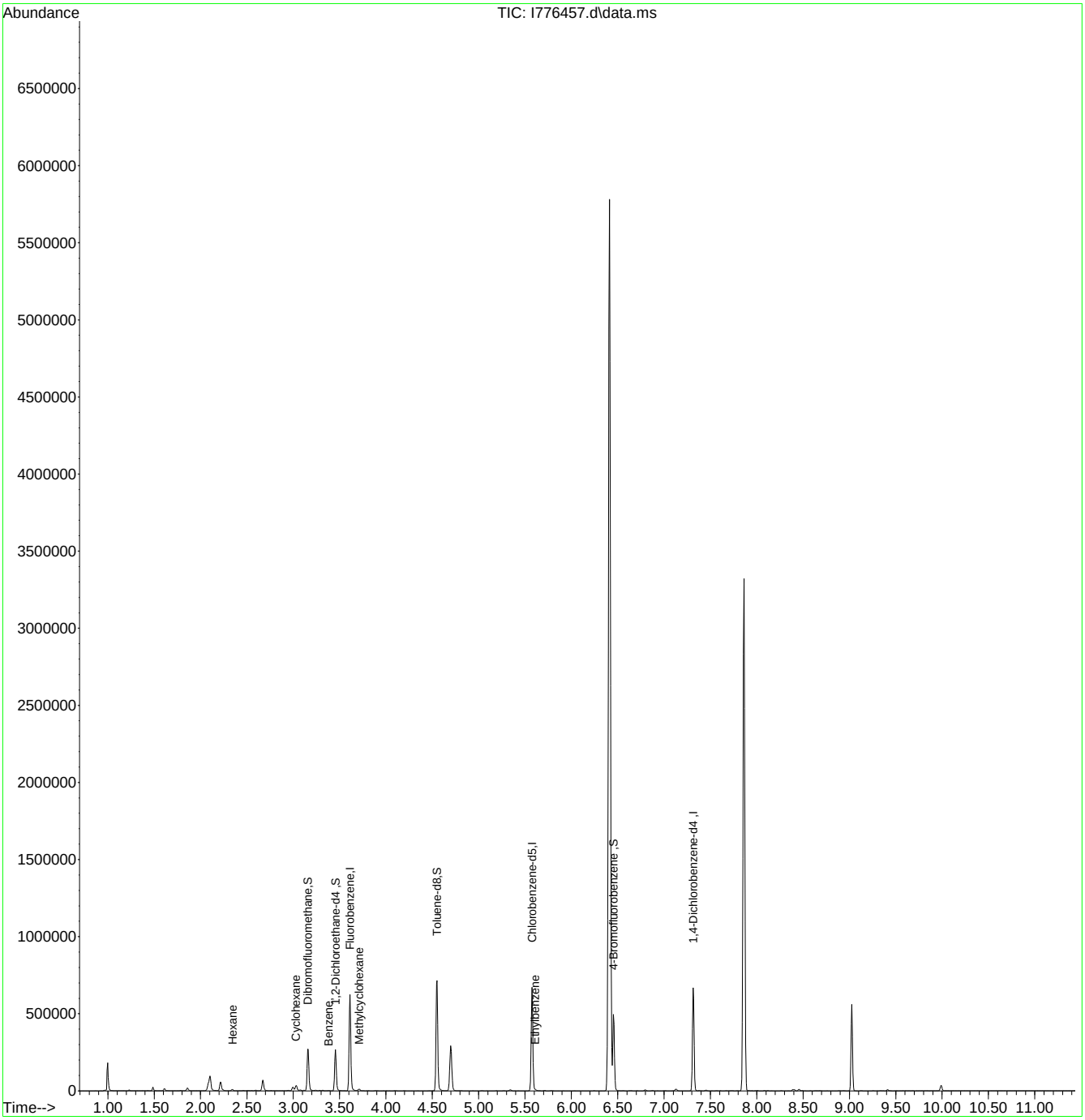
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	381516	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	289265	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	143320	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	116440	50.85	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.70%			
49) 1,2-Dichloroethane-d4	3.455	65	123727	46.28	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.56%			
63) Toluene-d8	4.552	98	360851	47.76	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.52%			
86) 4-Bromofluorobenzene	6.454	174	110704	51.17	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.34%			
Target Compounds						Qvalue
22) Hexane	2.345	56	1912	1.7056	ug/L #	80
35) Cyclohexane	3.028	56	10644	4.6570	ug/L	95
47) Benzene	3.382	78	1405	0.2554	ug/L	82
54) Methylcyclohexane	3.711	83	3006	1.4720	ug/L	84
77) Ethylbenzene	5.607	91	1842	0.2827	ug/L	96

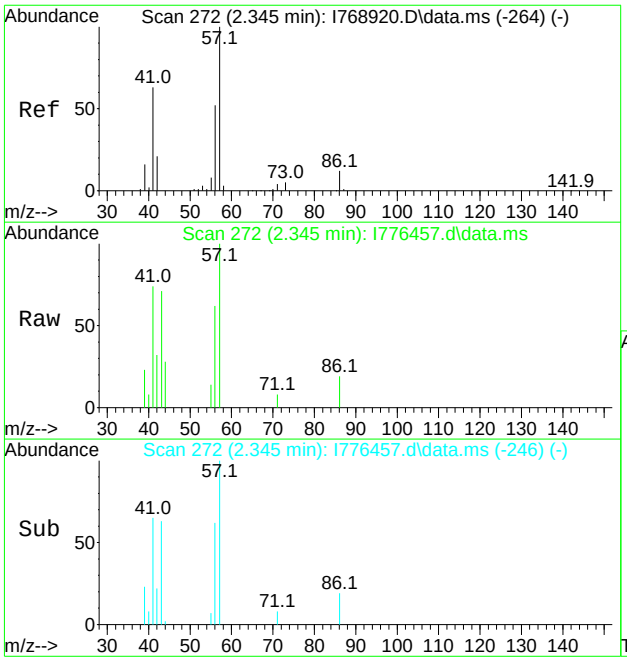
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776457.d
Acq On : 8 Dec 2025 2:45 pm
Operator : davidw
Sample : FC29756-2 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 09 04:53:50 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

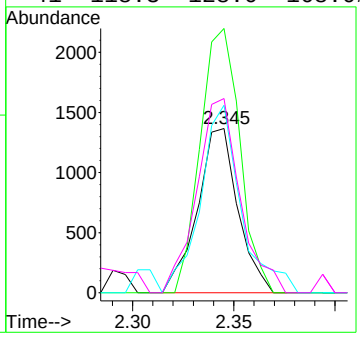


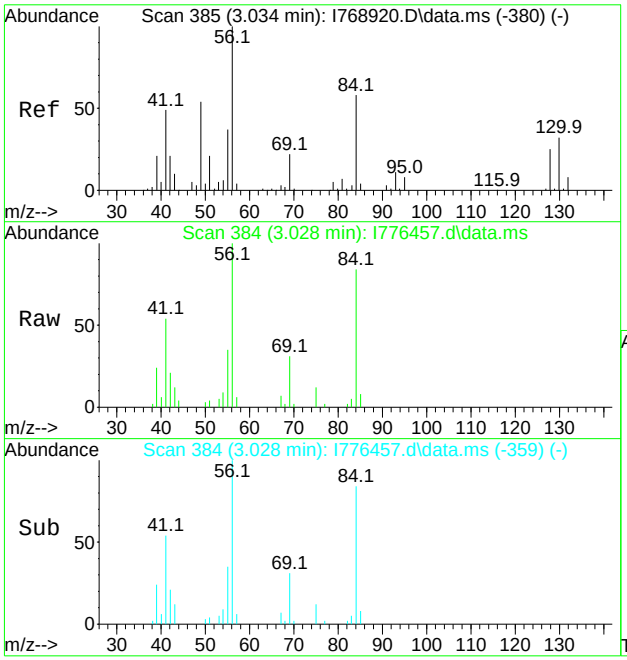


#22
Hexane
Concen: 1.7056 ug/L
RT: 2.345 min Scan# 272
Delta R.T. 0.006 min
Lab File: I776457.d
Acq: 8 Dec 2025 2:45 pm

Tgt Ion: 56 Resp: 1912

Ion	Ratio	Lower	Upper
56	100		
57	160.9	172.0	212.0#
43	114.1	111.8	151.8
41	118.3	128.0	168.0#

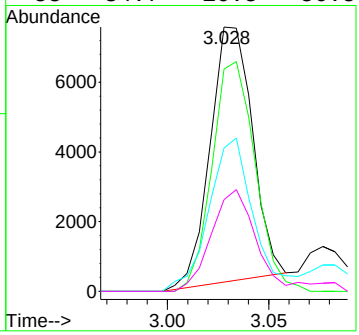


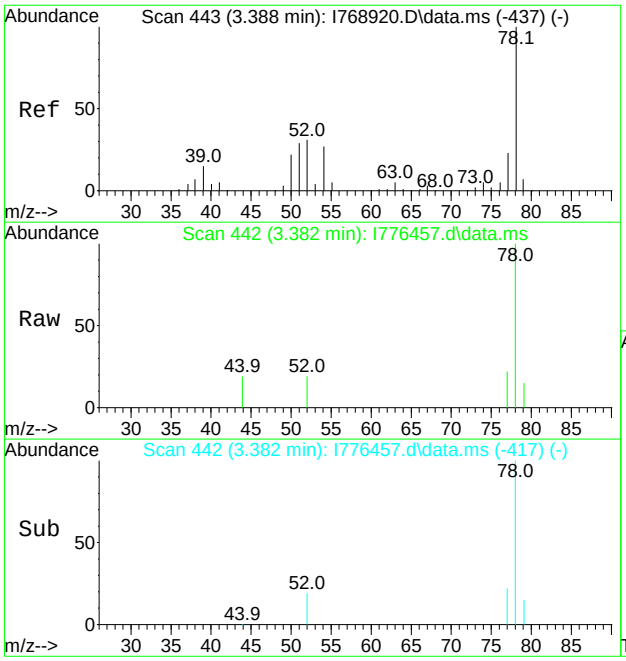


#35
Cyclohexane
Concen: 4.6570 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776457.d
Acq: 8 Dec 2025 2:45 pm

Tgt Ion: 56 Resp: 10644

Ion	Ratio	Lower	Upper
56	100		
84	84.0	70.9	110.9
41	54.2	36.7	76.7
55	34.7	16.5	56.5

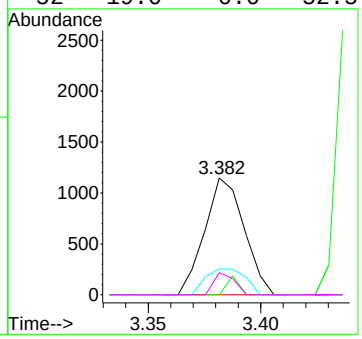


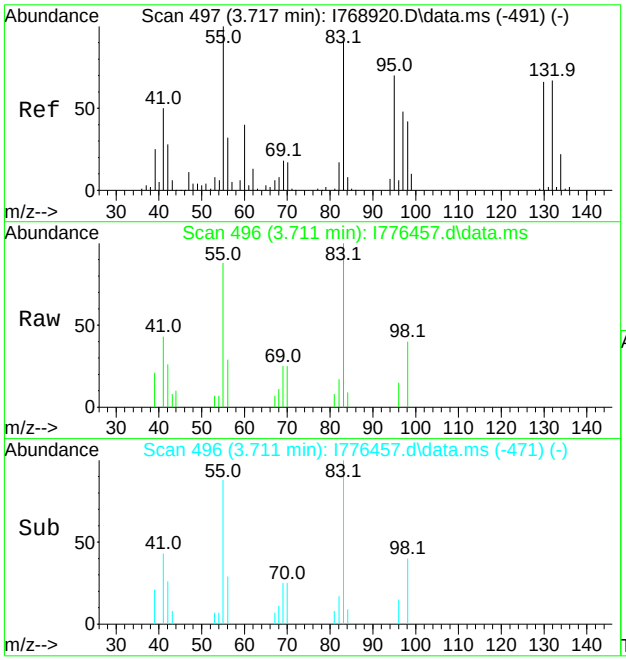


#47
Benzene
Concen: 0.2554 ug/L
RT: 3.382 min Scan# 442
Delta R.T. 0.001 min
Lab File: I776457.d
Acq: 8 Dec 2025 2:45 pm

Tgt Ion: 78 Resp: 1405

Ion	Ratio	Lower	Upper
78	100		
51	0.0	0.0	51.6
77	22.1	0.0	53.6
52	19.0	0.0	52.5

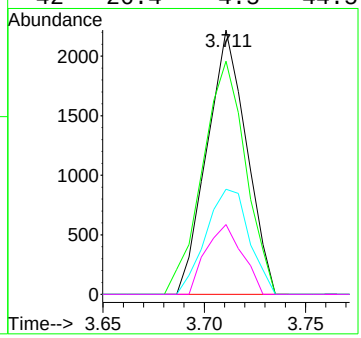


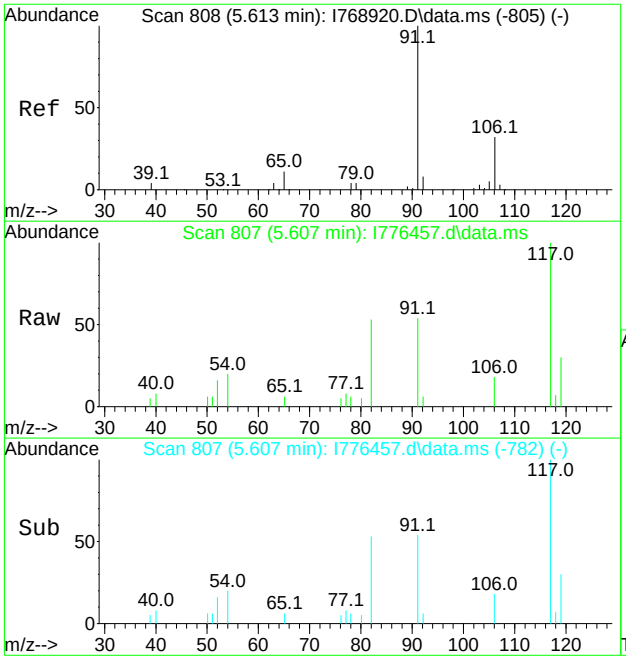


#54
Methylcyclohexane
Concen: 1.4720 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I776457.d
Acq: 8 Dec 2025 2:45 pm

Tgt Ion: 83 Resp: 3006

Ion	Ratio	Lower	Upper
83	100		
55	88.2	51.8	91.8
98	39.8	30.9	70.9
42	26.4	4.5	44.5

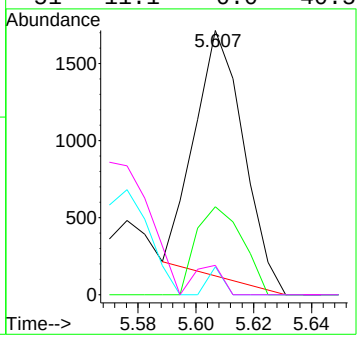




#77
Ethylbenzene
Concen: 0.2827 ug/L
RT: 5.607 min Scan# 807
Delta R.T. -0.000 min
Lab File: I776457.d
Acq: 8 Dec 2025 2:45 pm

Tgt Ion: 91 Resp: 1842

Ion	Ratio	Lower	Upper
91	100		
106	33.4	0.9	60.9
65	10.7	0.0	38.6
51	11.1	0.0	40.5



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776458.d
Acq On : 8 Dec 2025 3:02 pm
Operator : davidw
Sample : FC29756-3 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 09 04:54:14 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

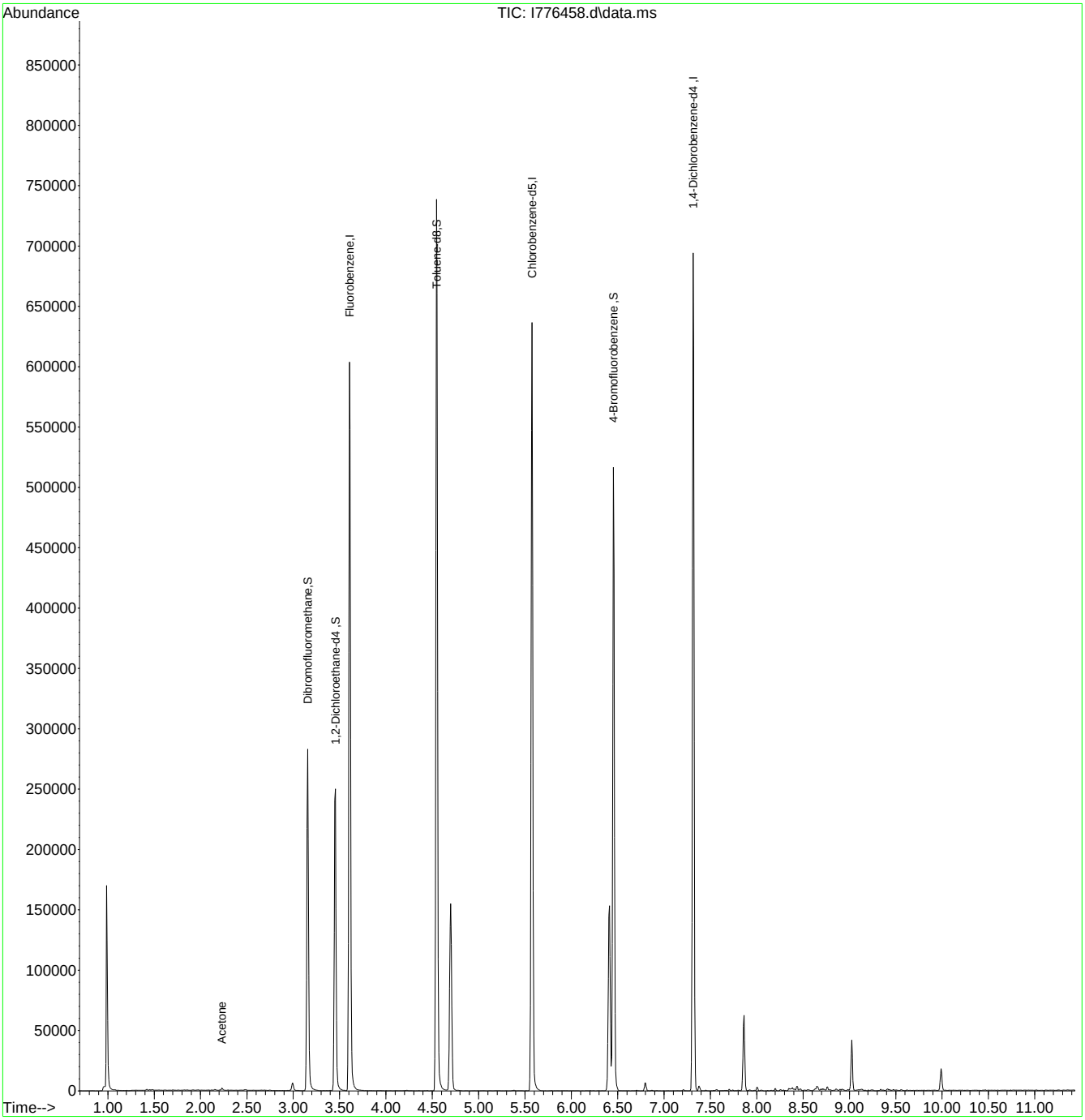
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	380469	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	284868	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.313	152	149448	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	115052	50.38	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.76%			
49) 1,2-Dichloroethane-d4	3.454	65	123263	46.24	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.48%			
63) Toluene-d8	4.546	98	357453	48.04	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 96.08%			
86) 4-Bromofluorobenzene	6.454	174	114006	50.54	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.08%			
Target Compounds						Qvalue
19) Acetone	2.229	43	1067	1.5022	ug/L	100

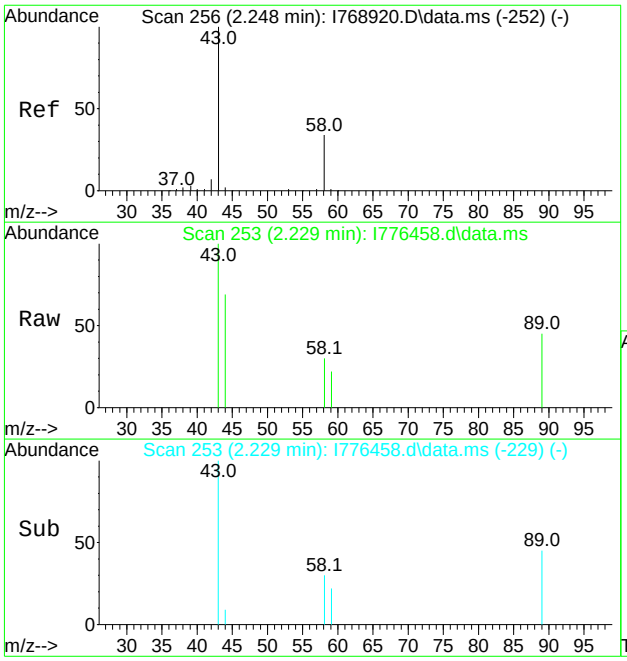
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776458.d
Acq On : 8 Dec 2025 3:02 pm
Operator : davidw
Sample : FC29756-3 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 09 04:54:14 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

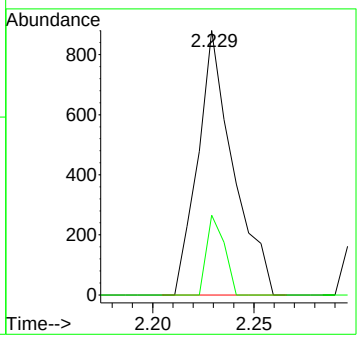




#19
Acetone
Concen: 1.5022 ug/L
RT: 2.229 min Scan# 253
Delta R.T. -0.006 min
Lab File: I776458.d
Acq: 8 Dec 2025 3:02 pm

Tgt Ion: 43 Resp: 1067

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	60.0



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776459.d
Acq On : 8 Dec 2025 3:18 pm
Operator : davidw
Sample : FC29756-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 09 04:54:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

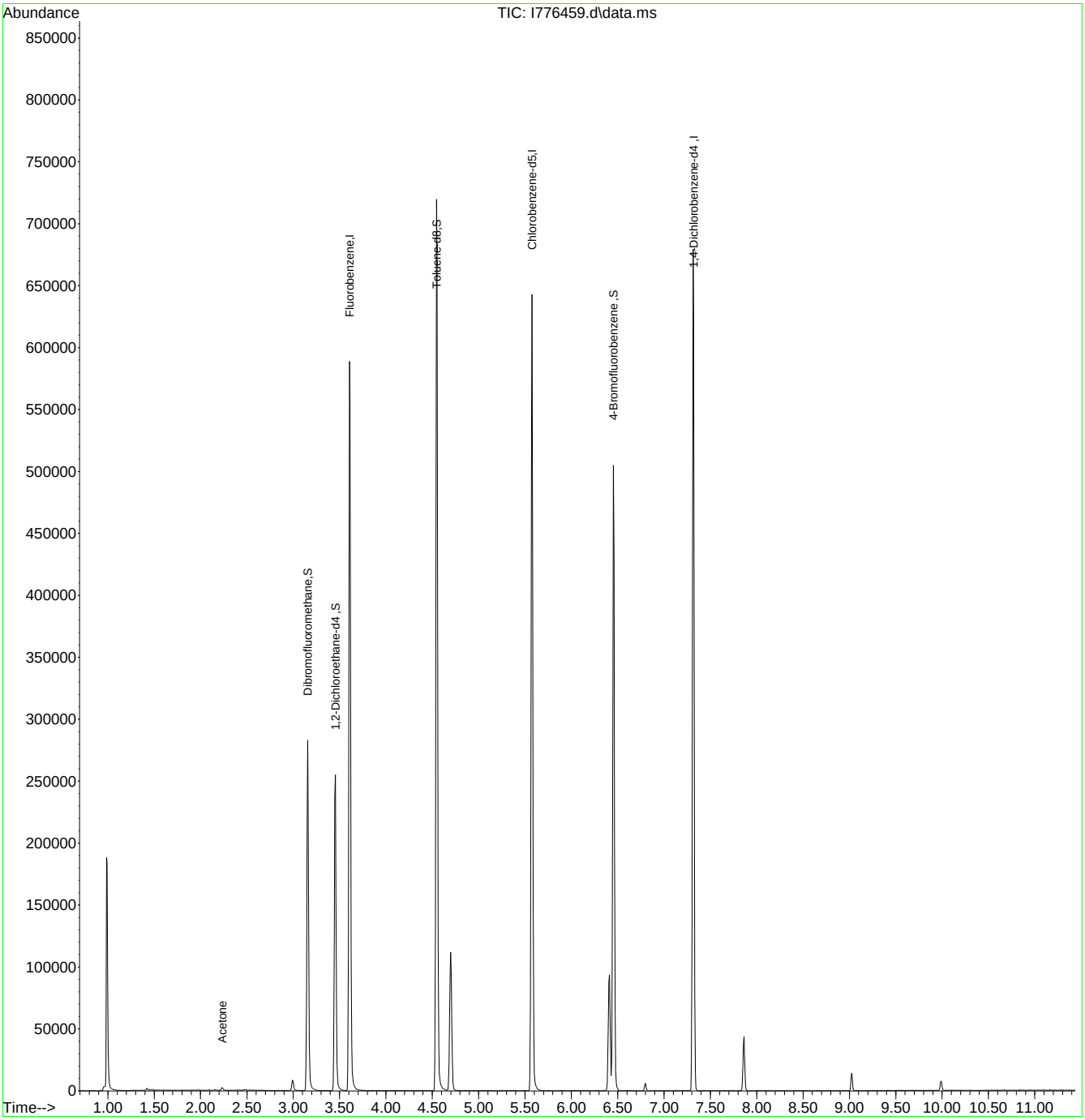
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	375553	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	283211	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	146502	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	114673	50.88	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.76%			
49) 1,2-Dichloroethane-d4	3.455	65	123573	46.96	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.92%			
63) Toluene-d8	4.546	98	352162	47.60	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.20%			
86) 4-Bromofluorobenzene	6.454	174	112047	50.67	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.34%			
Target Compounds						Qvalue
19) Acetone	2.235	43	1372	1.9569	ug/L	92

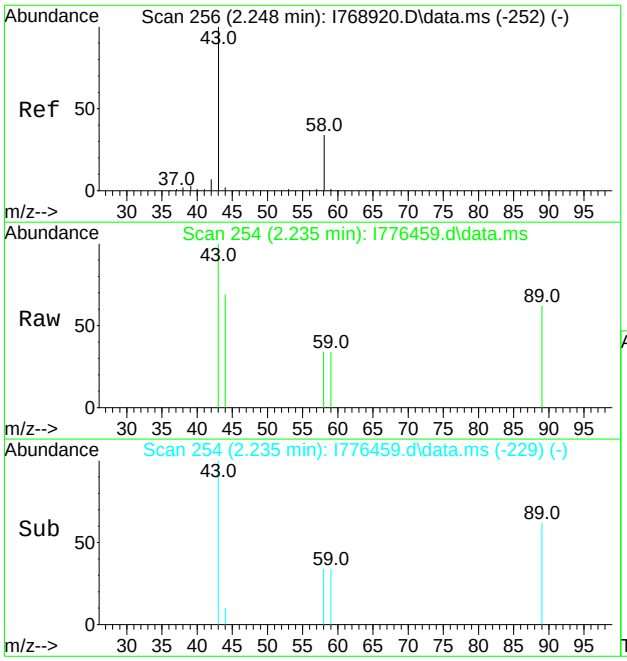
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776459.d
Acq On : 8 Dec 2025 3:18 pm
Operator : davidw
Sample : FC29756-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 09 04:54:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

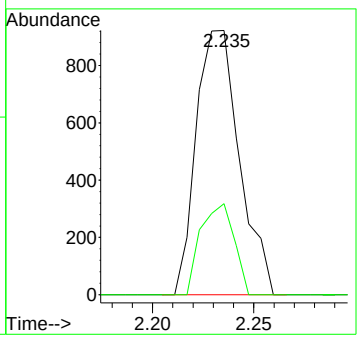




#19
Acetone
Concen: 1.9569 ug/L
RT: 2.235 min Scan# 254
Delta R.T. 0.000 min
Lab File: I776459.d
Acq: 8 Dec 2025 3:18 pm

Tgt Ion: 43 Resp: 1372

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	60.0



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776460.d
Acq On : 8 Dec 2025 3:34 pm
Operator : davidw
Sample : FC29756-5 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 09 05:07:46 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

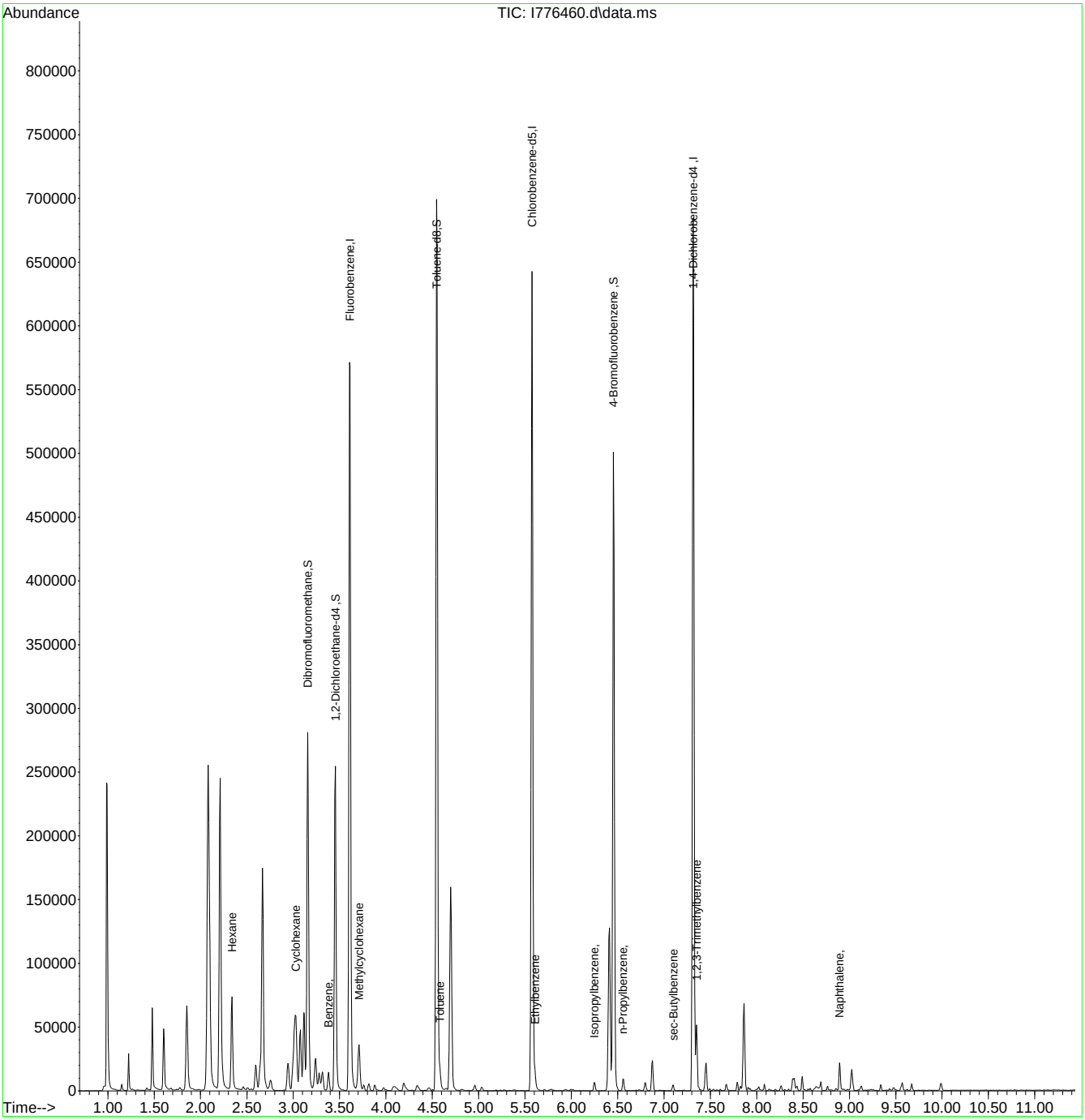
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	371334	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	280415	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	145438	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	112884	50.65	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.30%			
49) 1,2-Dichloroethane-d4	3.455	65	120483	46.30	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.60%			
63) Toluene-d8	4.546	98	349672	47.74	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.48%			
86) 4-Bromofluorobenzene	6.454	174	111330	50.71	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.42%			
Target Compounds						Qvalue
22) Hexane	2.339	56	12421	11.3843	ug/L #	85
35) Cyclohexane	3.028	56	18237	8.1980	ug/L	91
47) Benzene	3.381	78	8740	1.6324	ug/L	91
54) Methylcyclohexane	3.711	83	10137	5.1001	ug/L	90
64) Toluene	4.582	91	2893	0.5094	ug/L	98
77) Ethylbenzene	5.607	91	5731	0.9075	ug/L	92
84) Isopropylbenzene	6.247	105	3945	0.6440	ug/L	93
88) n-Propylbenzene	6.558	91	6750	1.0089	ug/L	95
100) sec-Butylbenzene	7.100	105	2848	0.5101	ug/L	86
103) 1,2,3-Trimethylbenzene	7.350	105	22337	4.5134	ug/L	98
111) Naphthalene	8.893	128	11193	1.9647	ug/L	96

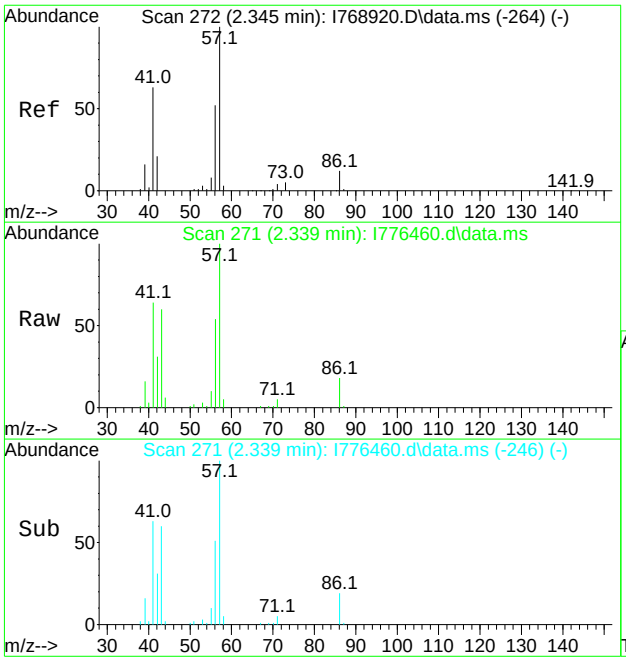
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776460.d
Acq On : 8 Dec 2025 3:34 pm
Operator : davidw
Sample : FC29756-5 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 09 05:07:46 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

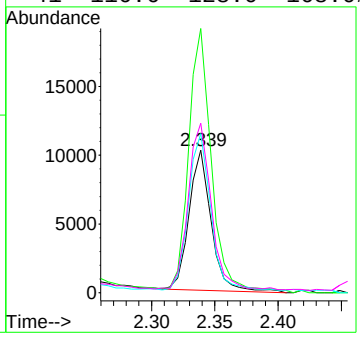


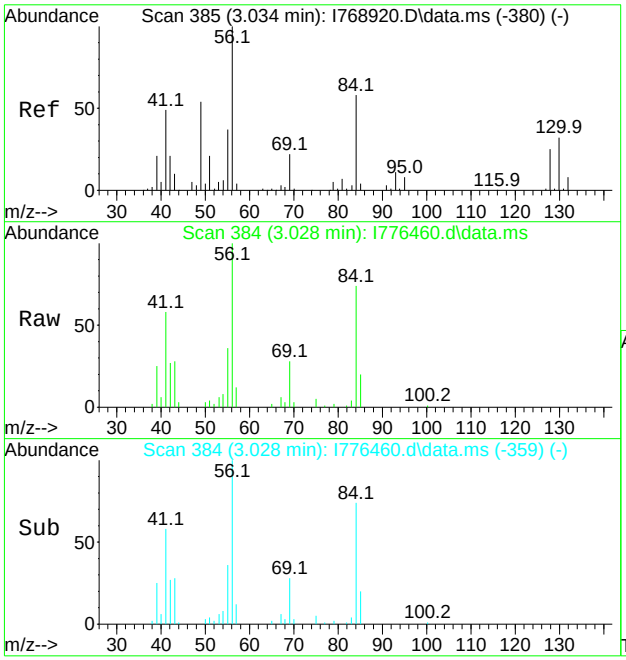


#22
Hexane
Concen: 11.3843 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 56 Resp: 12421

Ion	Ratio	Lower	Upper
56	100		
57	183.5	172.0	212.0
43	109.6	111.8	151.8#
41	116.6	128.0	168.0#

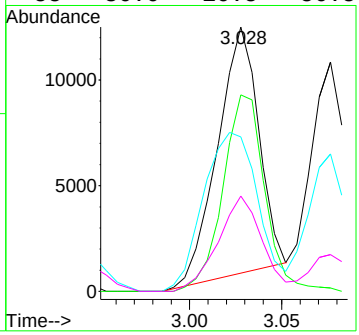


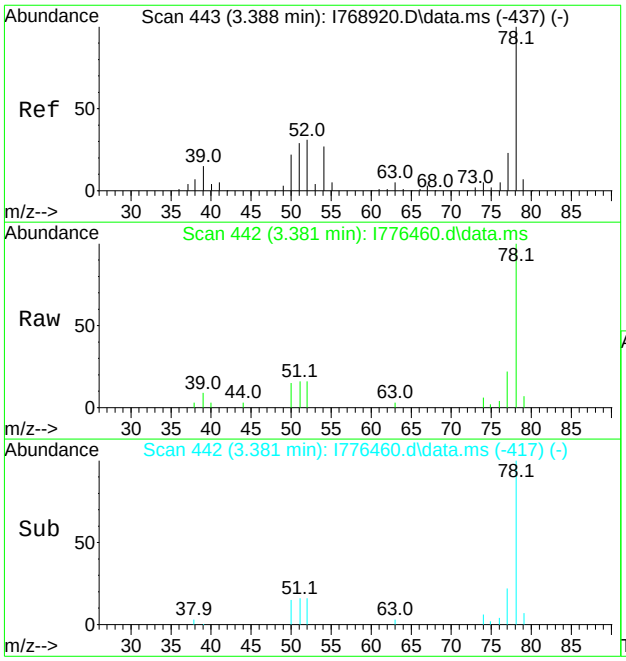


#35
Cyclohexane
Concen: 8.1980 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 56 Resp: 18237

Ion	Ratio	Lower	Upper
56	100		
84	74.4	70.9	110.9
41	58.4	36.7	76.7
55	36.0	16.5	56.5

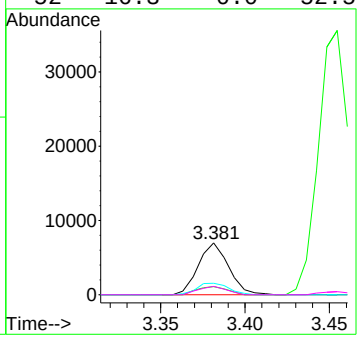


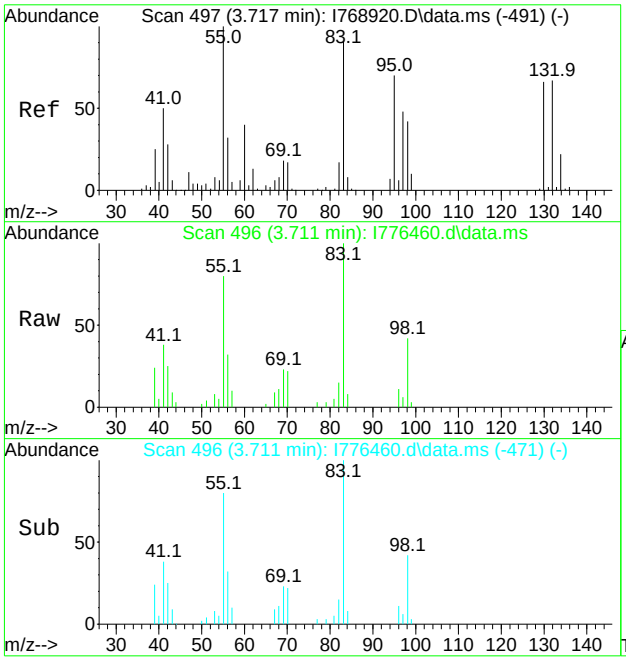


#47
Benzene
Concen: 1.6324 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 78 Resp: 8740

Ion	Ratio	Lower	Upper
78	100		
51	15.8	0.0	51.6
77	22.3	0.0	53.6
52	16.3	0.0	52.5

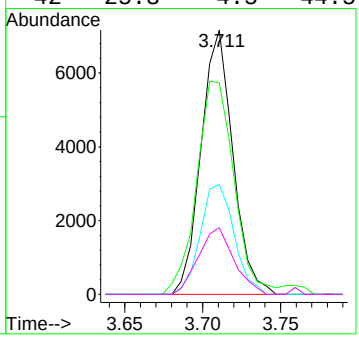


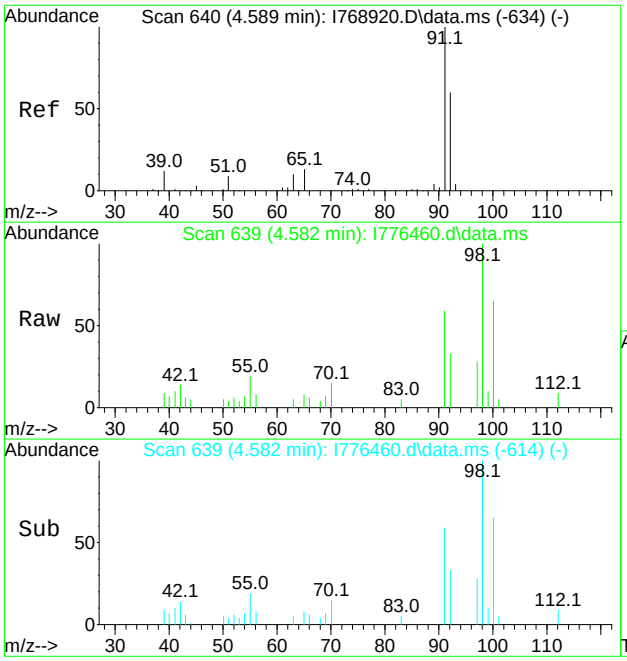


#54
Methylcyclohexane
Concen: 5.1001 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 83 Resp: 10137

Ion	Ratio	Lower	Upper
83	100		
55	80.0	51.8	91.8
98	41.6	30.9	70.9
42	25.3	4.5	44.5

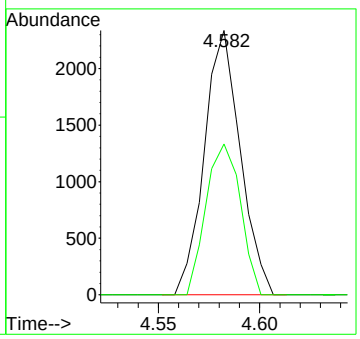


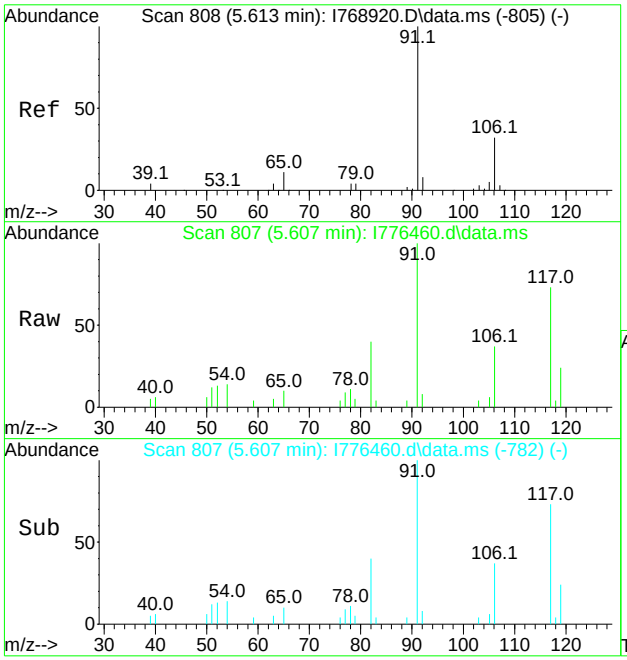


#64
Toluene
Concen: 0.5094 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 91 Resp: 2893

Ion	Ratio	Lower	Upper
91	100		
92	57.1	28.6	88.6

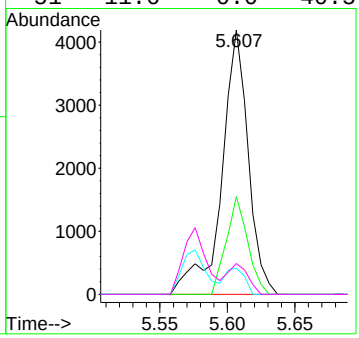


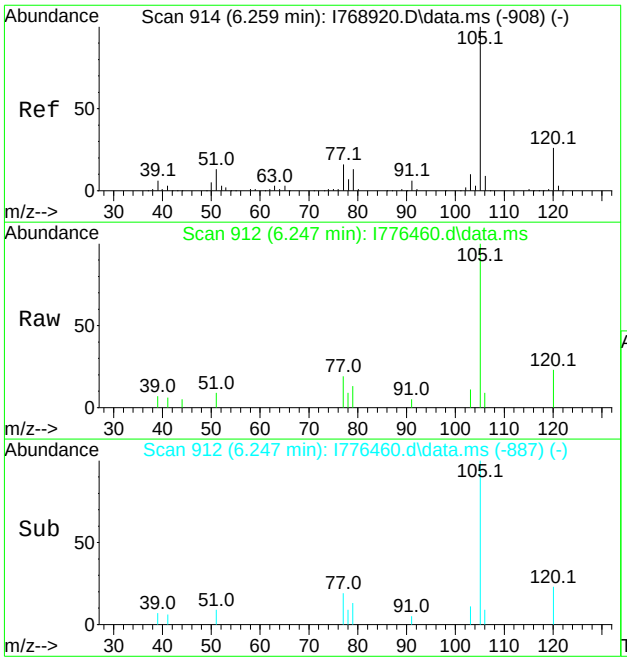


#77
Ethylbenzene
Concen: 0.9075 ug/L
RT: 5.607 min Scan# 807
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 91 Resp: 5731

Ion	Ratio	Lower	Upper
91	100		
106	37.0	0.9	60.9
65	9.9	0.0	38.6
51	11.6	0.0	40.5

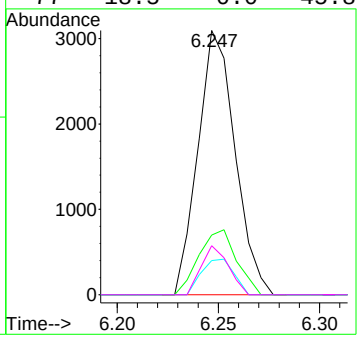


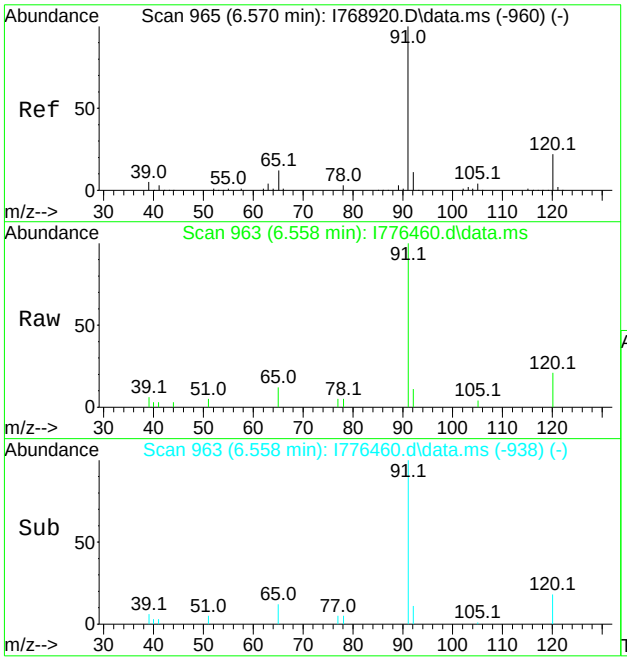


#84
Isopropylbenzene
Concen: 0.6440 ug/L
RT: 6.247 min Scan# 912
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion:105 Resp: 3945

Ion	Ratio	Lower	Upper
105	100		
120	22.5	0.0	57.6
79	12.9	0.0	42.2
77	18.5	0.0	45.8

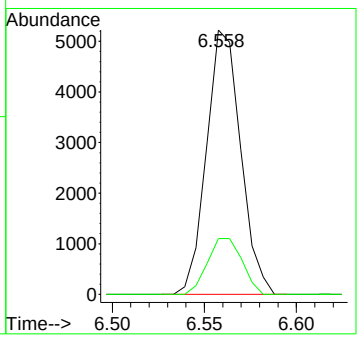


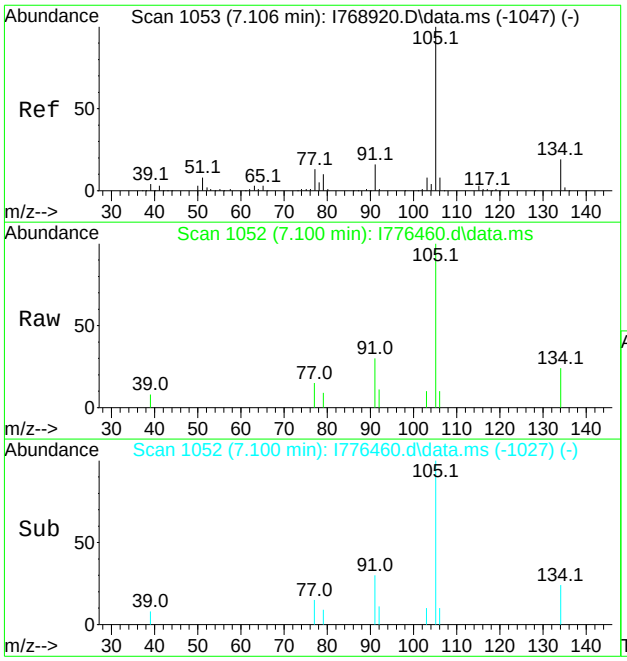


#88
n-Propylbenzene
Concen: 1.0089 ug/L
RT: 6.558 min Scan# 963
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion: 91 Resp: 6750

Ion	Ratio	Lower	Upper
91	100		
120	21.1	0.0	53.4

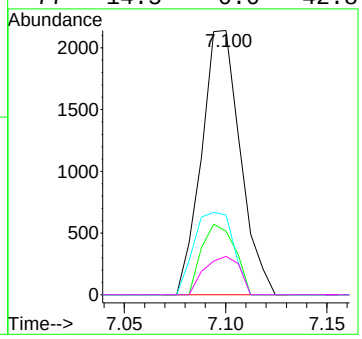


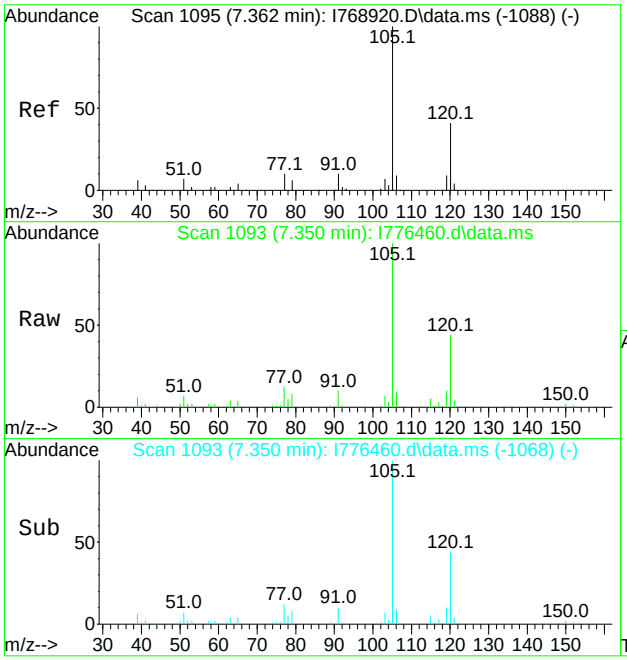


#100
sec-Butylbenzene
Concen: 0.5101 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. 0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion:105 Resp: 2848

Ion	Ratio	Lower	Upper
105	100		
134	24.1	0.0	51.0
91	30.2	0.0	46.6
77	14.5	0.0	42.8

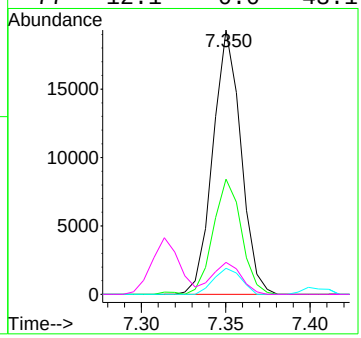


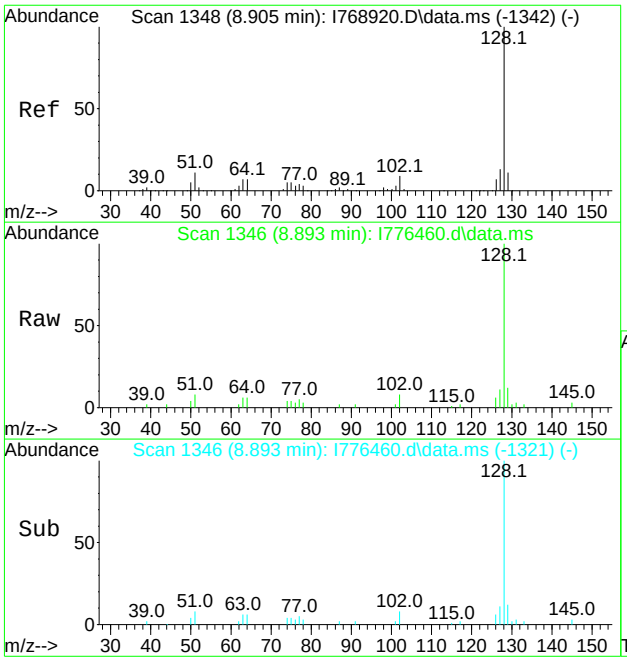


#103
1,2,3-Trimethylbenzene
Concen: 4.5134 ug/L
RT: 7.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion:105 Resp: 22337

Ion	Ratio	Lower	Upper
105	100		
120	43.6	12.3	72.3
119	9.9	0.0	39.1
77	12.1	0.0	43.1

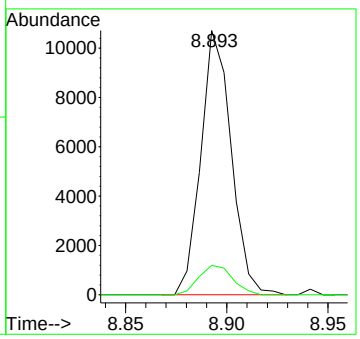




#111
Naphthalene
Concen: 1.9647 ug/L
RT: 8.893 min Scan# 1346
Delta R.T. -0.000 min
Lab File: I776460.d
Acq: 8 Dec 2025 3:34 pm

Tgt Ion:128 Resp: 11193

Ion	Ratio	Lower	Upper
128	100		
127	11.1	0.0	42.8



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776461.d
Acq On : 8 Dec 2025 3:50 pm
Operator : davidw
Sample : FC29756-6 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 05:12:09 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

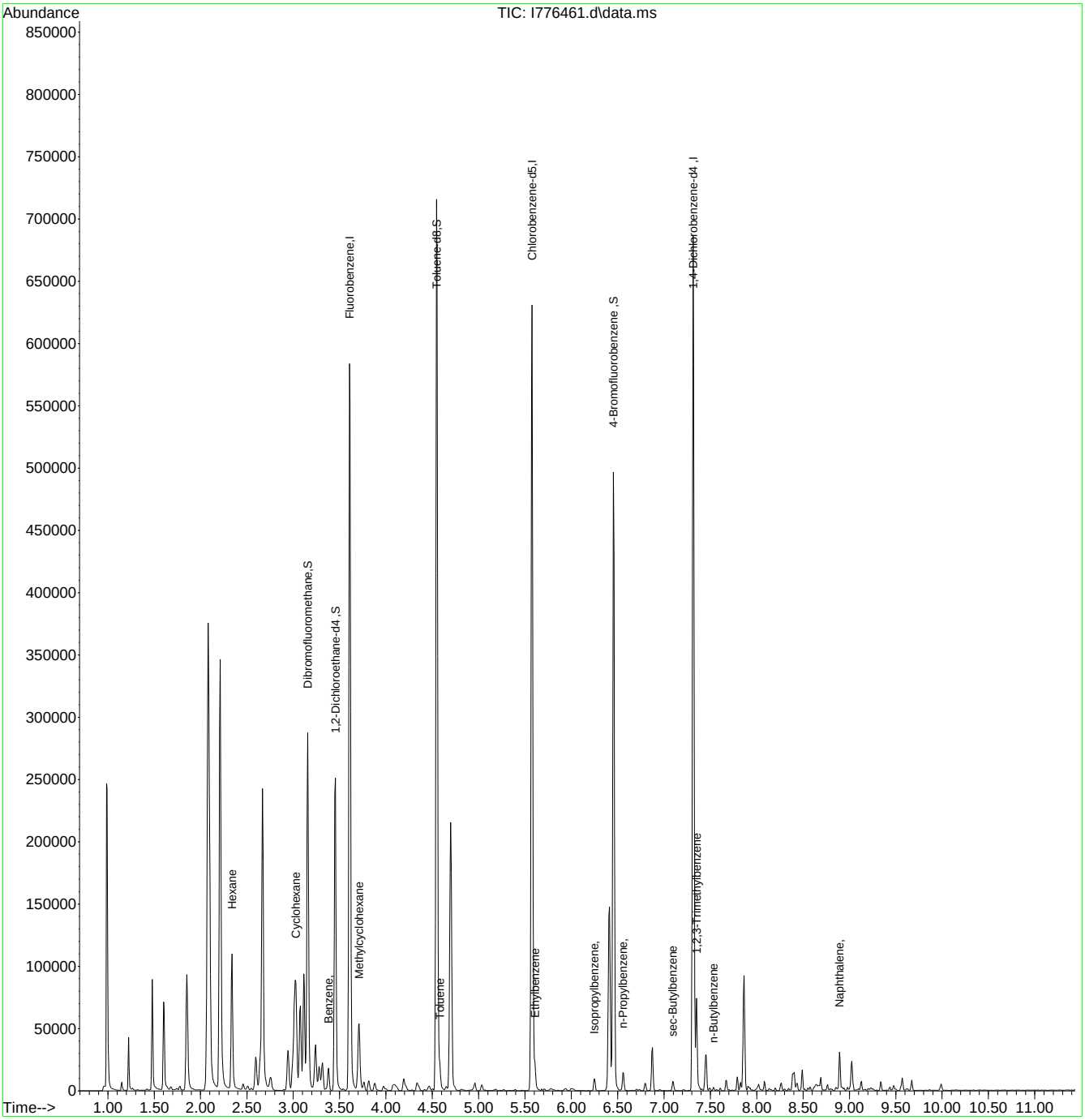
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	372769	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	281311	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	146237	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	112520	50.29	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.58%			
49) 1,2-Dichloroethane-d4	3.455	65	122066	46.73	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.46%			
63) Toluene-d8	4.546	98	348315	47.40	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.80%			
86) 4-Bromofluorobenzene	6.454	174	110981	50.28	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.56%			
Target Compounds						Qvalue
22) Hexane	2.339	56	18150	16.5711	ug/L #	88
35) Cyclohexane	3.028	56	26657	11.9368	ug/L	92
47) Benzene	3.381	78	11040	2.0540	ug/L	91
54) Methylcyclohexane	3.711	83	15041	7.5382	ug/L	89
64) Toluene	4.582	91	3888	0.6824	ug/L	96
77) Ethylbenzene	5.607	91	8719	1.3762	ug/L	95
84) Isopropylbenzene	6.247	105	5621	0.9147	ug/L	98
88) n-Propylbenzene	6.558	91	10205	1.5170	ug/L	98
100) sec-Butylbenzene	7.094	105	4349	0.7747	ug/L	83
103) 1,2,3-Trimethylbenzene	7.350	105	30920	6.2136	ug/L	97
105) n-Butylbenzene	7.533	92	746	0.2925	ug/L	91
111) Naphthalene	8.892	128	14985	2.6159	ug/L	99

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

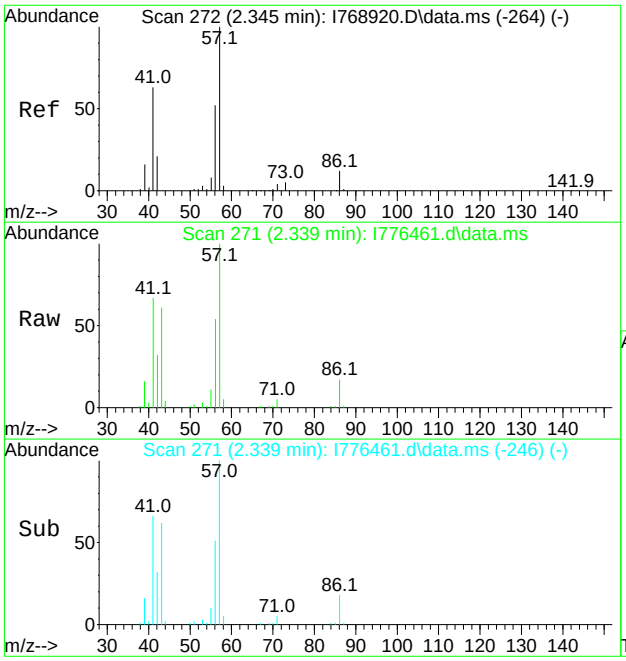
Quantitation Report (QT Reviewed)

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Data File : I776461.d
Acq On : 8 Dec 2025 3:50 pm
Operator : davidw
Sample : FC29756-6 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 09 05:12:09 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



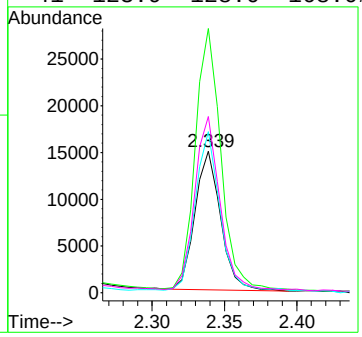
VI3738_11062025.M Tue Dec 09 05:46:40 2025 Page: 2

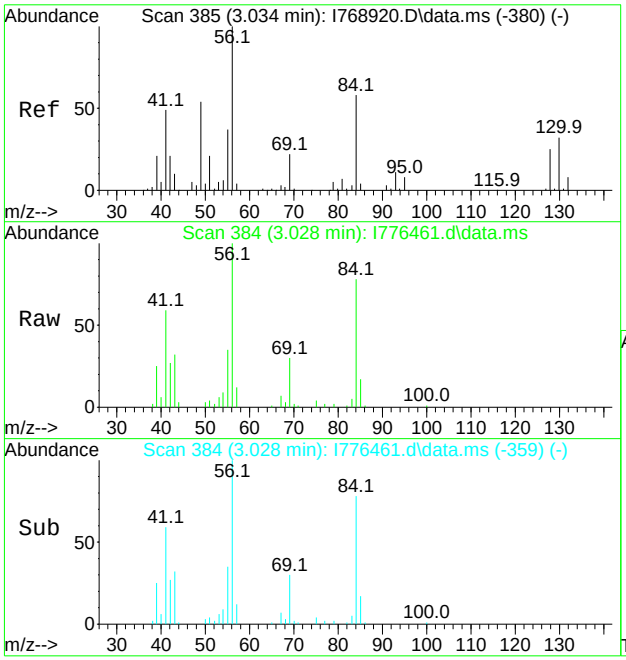


#22
Hexane
Concen: 16.5711 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 56 Resp: 18150

Ion	Ratio	Lower	Upper
56	100		
57	186.7	172.0	212.0
43	113.5	111.8	151.8
41	123.9	128.0	168.0#

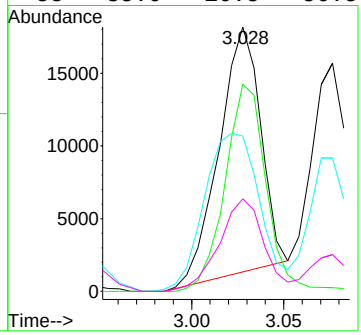


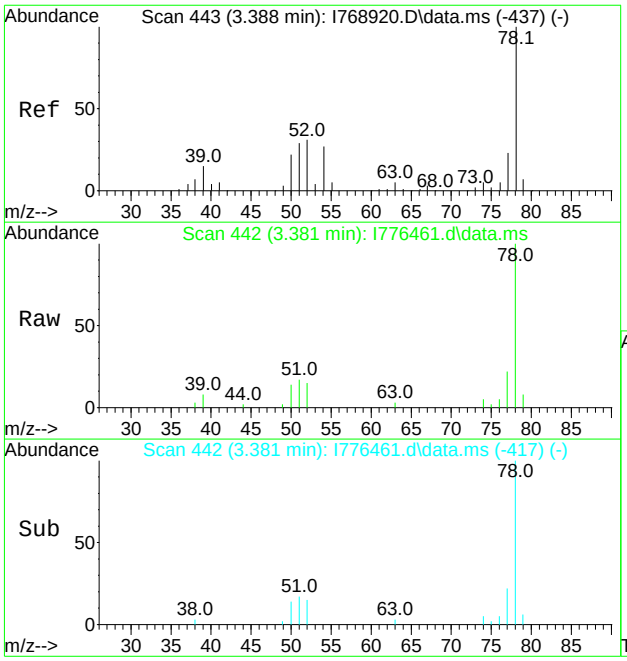


#35
Cyclohexane
Concen: 11.9368 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 56 Resp: 26657

Ion	Ratio	Lower	Upper
56	100		
84	78.4	70.9	110.9
41	57.9	36.7	76.7
55	35.0	16.5	56.5

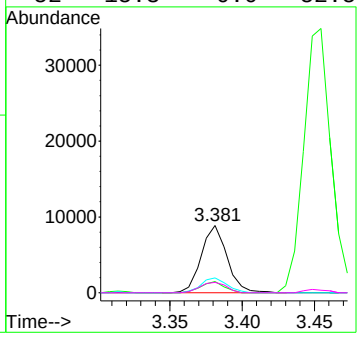


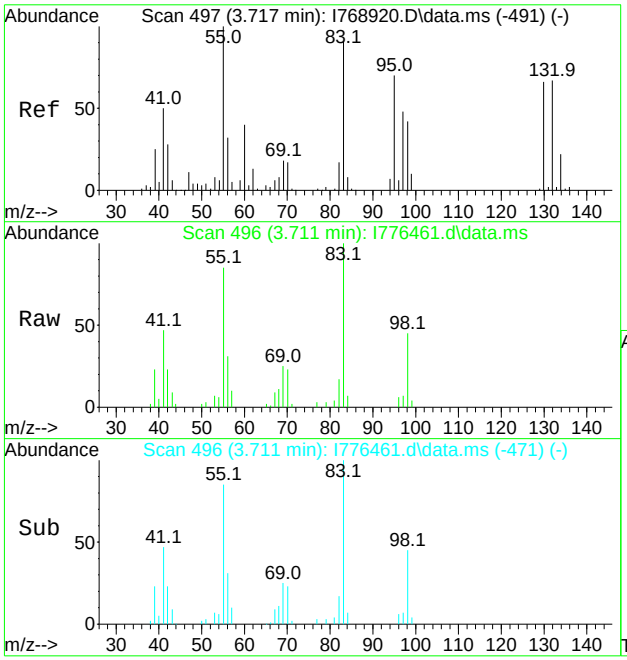


#47
Benzene
Concen: 2.0540 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 78 Resp: 11040

Ion	Ratio	Lower	Upper
78	100		
51	16.6	0.0	51.6
77	22.0	0.0	53.6
52	15.3	0.0	52.5

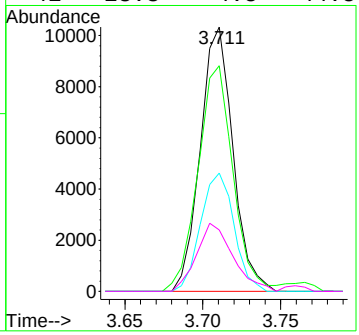


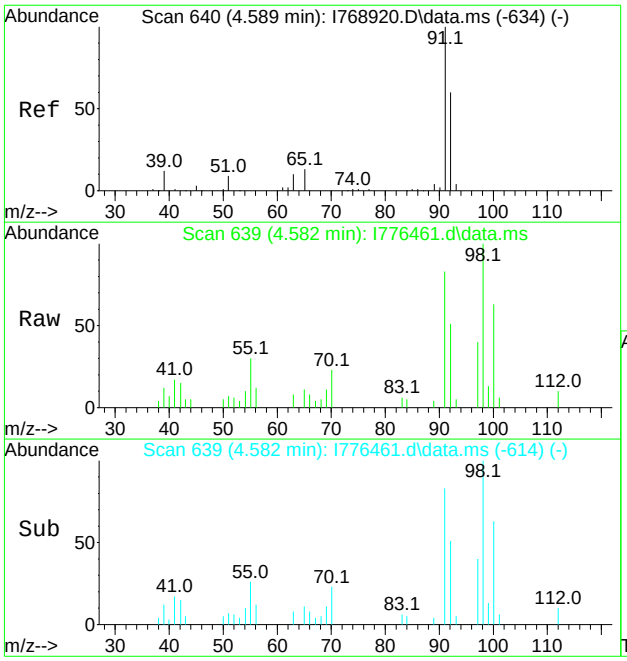


#54
Methylcyclohexane
Concen: 7.5382 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 83 Resp: 15041

Ion	Ratio	Lower	Upper
83	100		
55	85.3	51.8	91.8
98	44.7	30.9	70.9
42	23.3	4.5	44.5

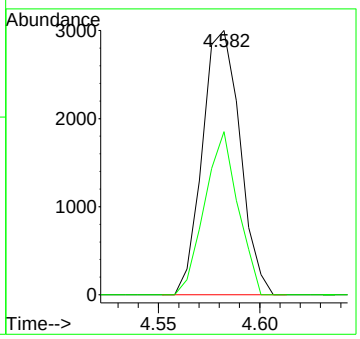


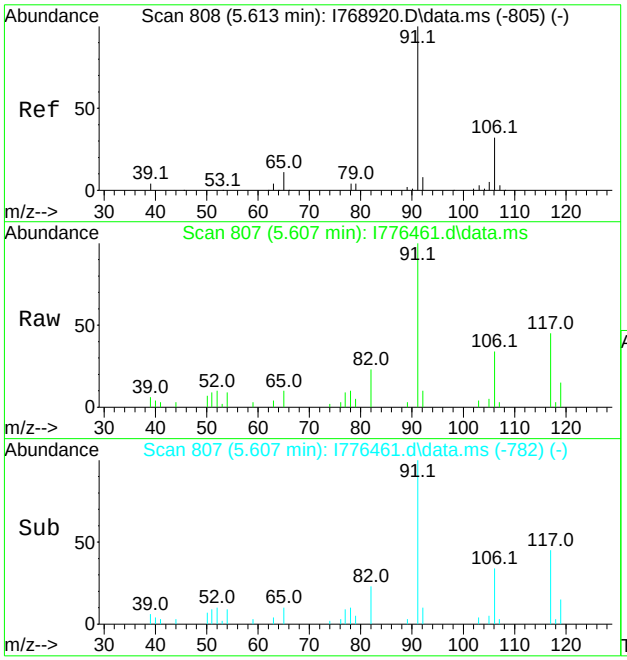


#64
Toluene
Concen: 0.6824 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 91 Resp: 3888

Ion	Ratio	Lower	Upper
91	100		
92	61.7	28.6	88.6

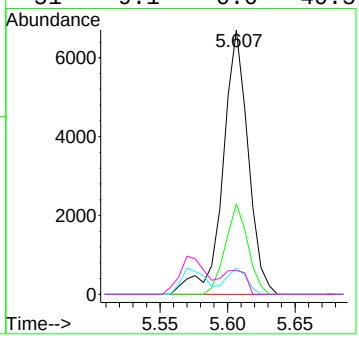


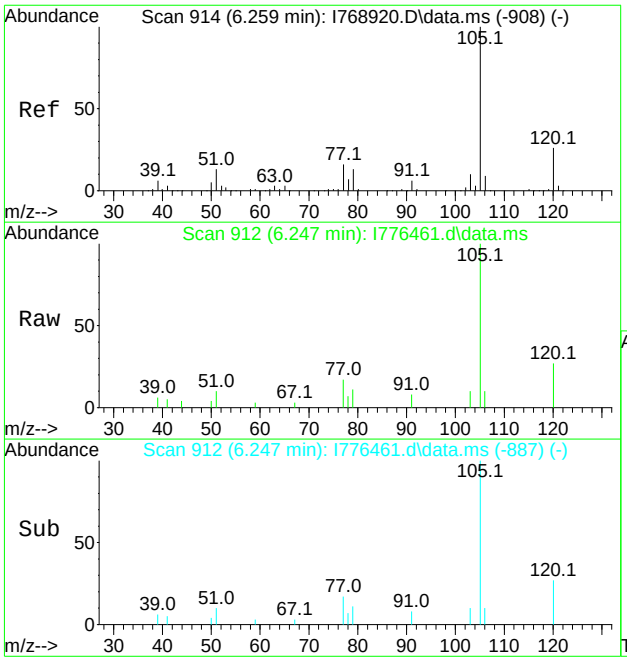


#77
Ethylbenzene
Concen: 1.3762 ug/L
RT: 5.607 min Scan# 807
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 91 Resp: 8719

Ion	Ratio	Lower	Upper
91	100		
106	34.3	0.9	60.9
65	10.0	0.0	38.6
51	9.1	0.0	40.5

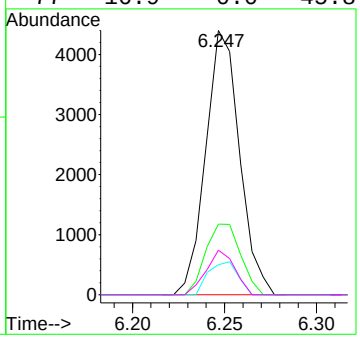


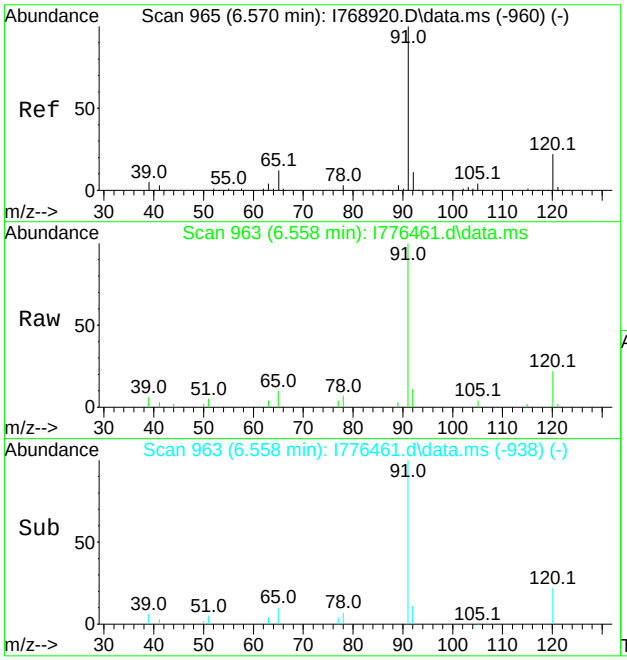


#84
Isopropylbenzene
Concen: 0.9147 ug/L
RT: 6.247 min Scan# 912
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion:105 Resp: 5621

Ion	Ratio	Lower	Upper
105	100		
120	26.7	0.0	57.6
79	11.3	0.0	42.2
77	16.9	0.0	45.8

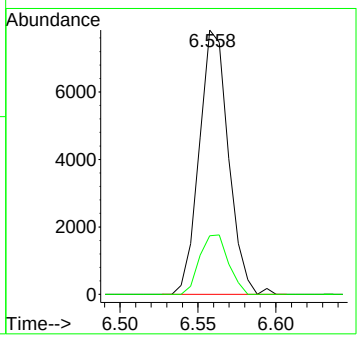


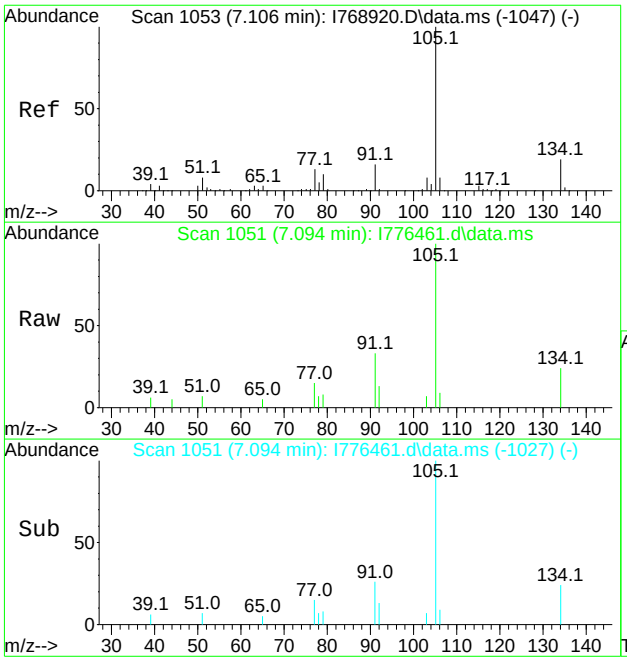


#88
n-Propylbenzene
Concen: 1.5170 ug/L
RT: 6.558 min Scan# 963
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 91 Resp: 10205

Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	53.4

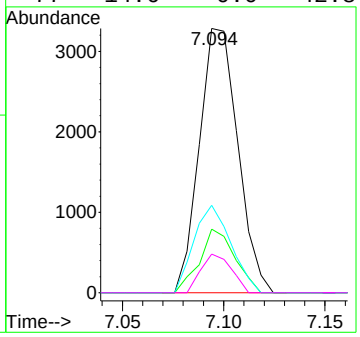


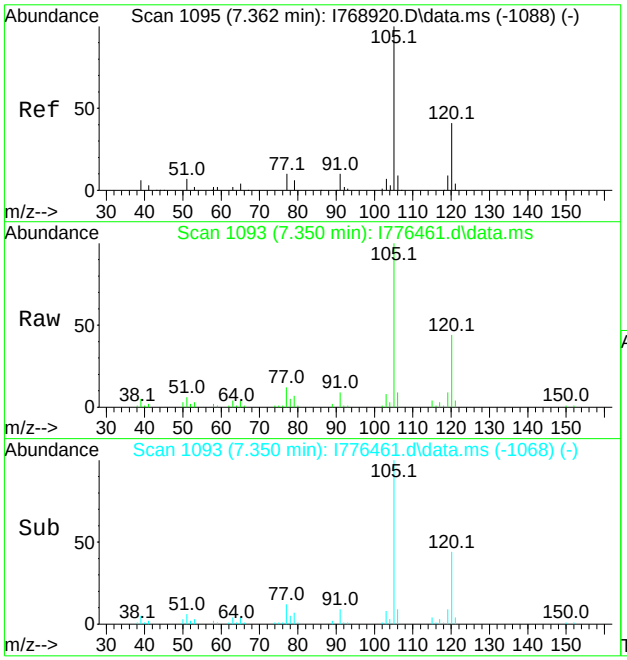


#100
sec-Butylbenzene
Concen: 0.7747 ug/L
RT: 7.094 min Scan# 1051
Delta R.T. -0.006 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion:105 Resp: 4349

Ion	Ratio	Lower	Upper
105	100		
134	24.1	0.0	51.0
91	33.1	0.0	46.6
77	14.6	0.0	42.8

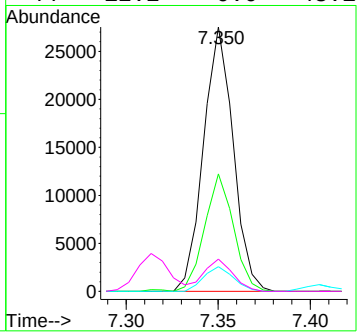


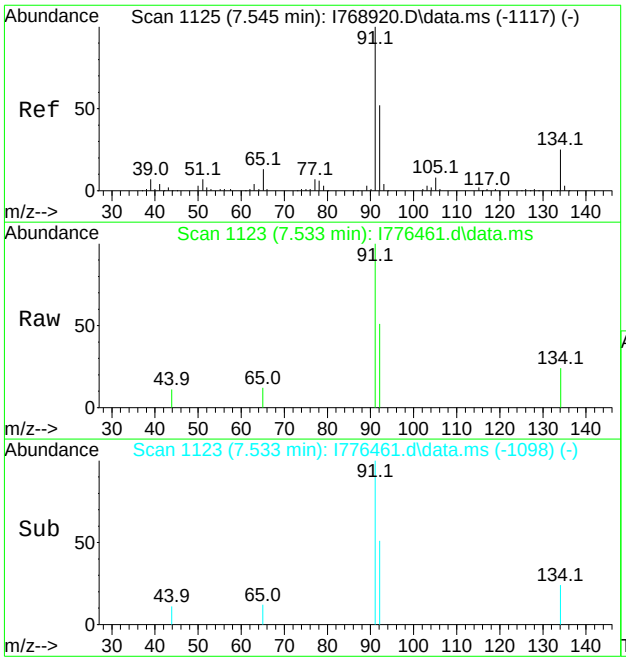


#103
1,2,3-Trimethylbenzene
Concen: 6.2136 ug/L
RT: 7.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion:105 Resp: 30920

Ion	Ratio	Lower	Upper
105	100		
120	44.4	12.3	72.3
119	9.3	0.0	39.1
77	12.2	0.0	43.1

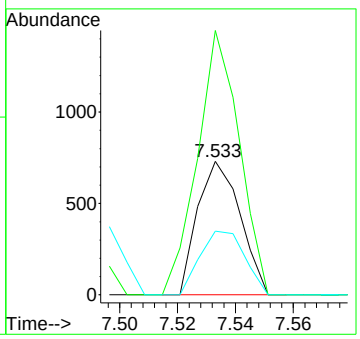


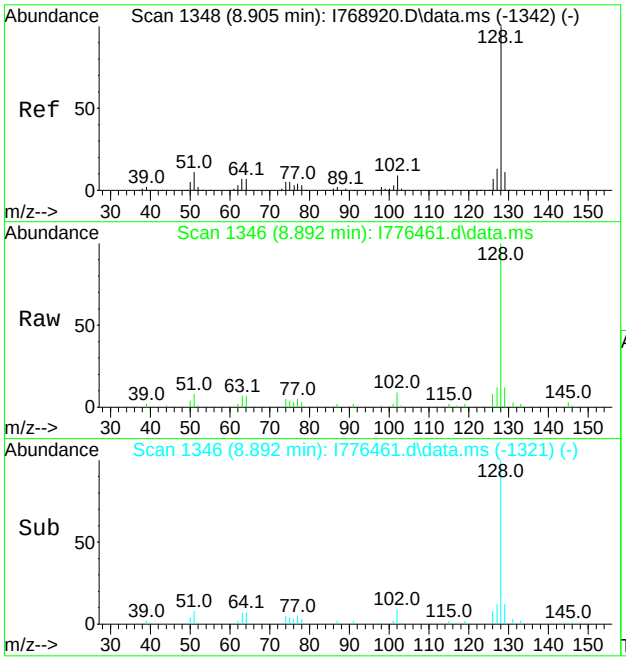


#105
n-Butylbenzene
Concen: 0.2925 ug/L
RT: 7.533 min Scan# 1123
Delta R.T. -0.000 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion: 92 Resp: 746

Ion	Ratio	Lower	Upper
92	100		
91	197.9	185.8	245.8
134	47.6	17.1	77.1

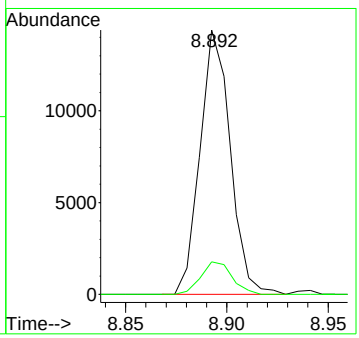




#111
Naphthalene
Concen: 2.6159 ug/L
RT: 8.892 min Scan# 1346
Delta R.T. -0.001 min
Lab File: I776461.d
Acq: 8 Dec 2025 3:50 pm

Tgt Ion:128 Resp: 14985

Ion	Ratio	Lower	Upper
128	100		
127	12.3	0.0	42.8



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776462.d
Acq On : 8 Dec 2025 4:07 pm
Operator : davidw
Sample : FC29756-7 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 05:13:39 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

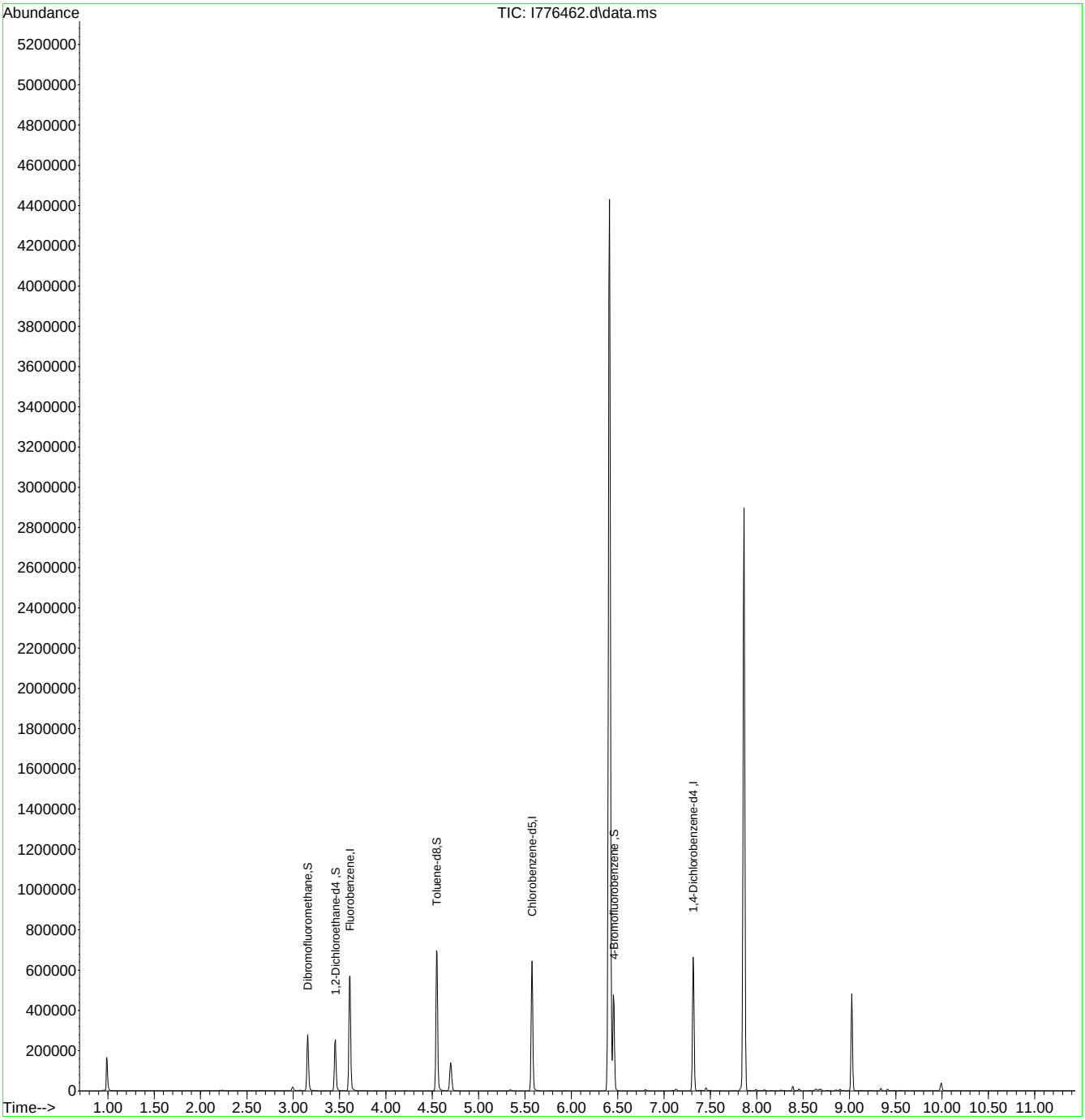
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	373131	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	283637	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	142030	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113955	50.89	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.78%			
49) 1,2-Dichloroethane-d4	3.454	65	120625	46.14	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.28%			
63) Toluene-d8	4.546	98	351860	47.49	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.98%			
86) 4-Bromofluorobenzene	6.460	174	109323	50.99	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.98%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776462.d
Acq On : 8 Dec 2025 4:07 pm
Operator : davidw
Sample : FC29756-7 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 09 05:13:39 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776455.d
Acq On : 8 Dec 2025 2:13 pm
Operator : davidw
Sample : FC29756-8 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 09 04:51:01 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

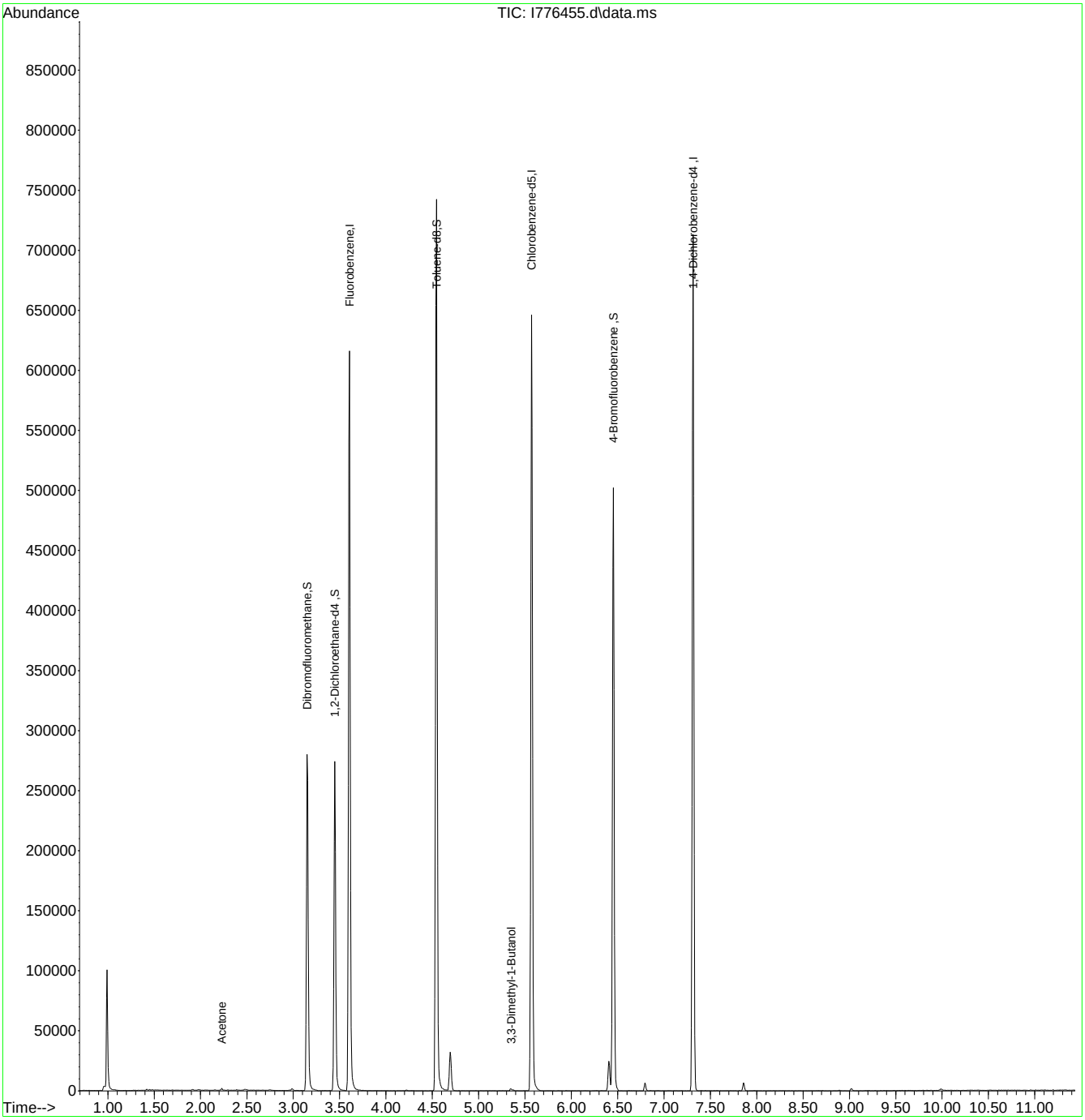
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	384777	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.570	117	287865	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	150684	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.150	113	118495	51.31	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.62%			
49) 1,2-Dichloroethane-d4	3.448	65	125188	46.43	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.86%			
63) Toluene-d8	4.546	98	360623	47.96	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.92%			
86) 4-Bromofluorobenzene	6.454	174	113377	49.85	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.70%			
Target Compounds						Qvalue
19) Acetone	2.229	43	1127	1.5689	ug/L	93
74) 3,3-Dimethyl-1-Butanol	5.351	57	926	1.8983	ug/L	94

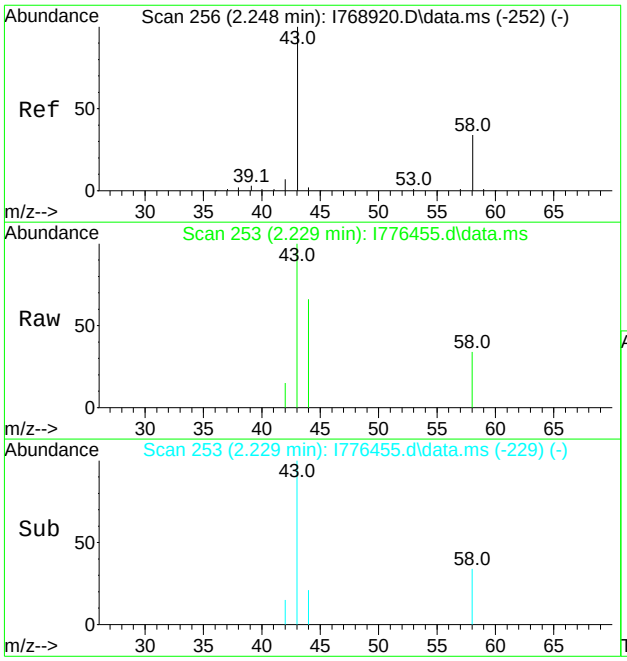
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776455.d
Acq On : 8 Dec 2025 2:13 pm
Operator : davidw
Sample : FC29756-8 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 09 04:51:01 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

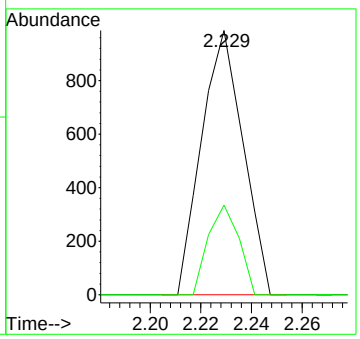


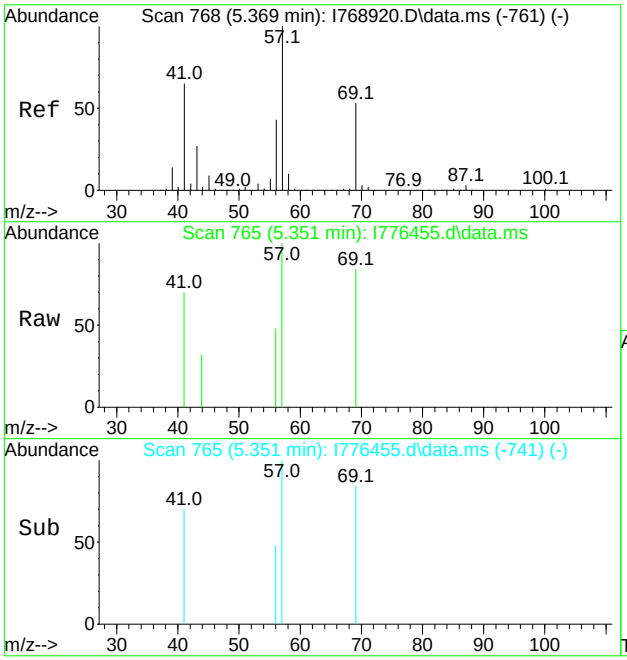


#19
Acetone
Concen: 1.5689 ug/L
RT: 2.229 min Scan# 253
Delta R.T. -0.006 min
Lab File: I776455.d
Acq: 8 Dec 2025 2:13 pm

Tgt Ion: 43 Resp: 1127

Ion	Ratio	Lower	Upper
43	100		
58	33.9	0.0	60.0

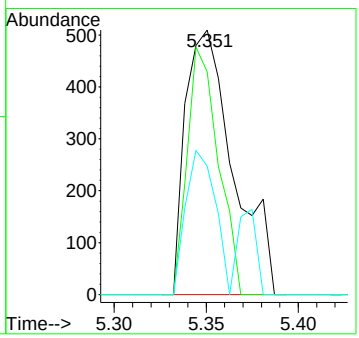




#74
3,3-Dimethyl-1-Butanol
Concen: 1.8983 ug/L
RT: 5.351 min Scan# 765
Delta R.T. -0.006 min
Lab File: I776455.d
Acq: 8 Dec 2025 2:13 pm

Tgt Ion: 57 Resp: 926

Ion	Ratio	Lower	Upper
57	100		
69	84.1	59.1	99.1
56	48.4	23.9	63.9



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776463.d
Acq On : 8 Dec 2025 4:23 pm
Operator : davidw
Sample : FC29756-9 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 09 05:14:31 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

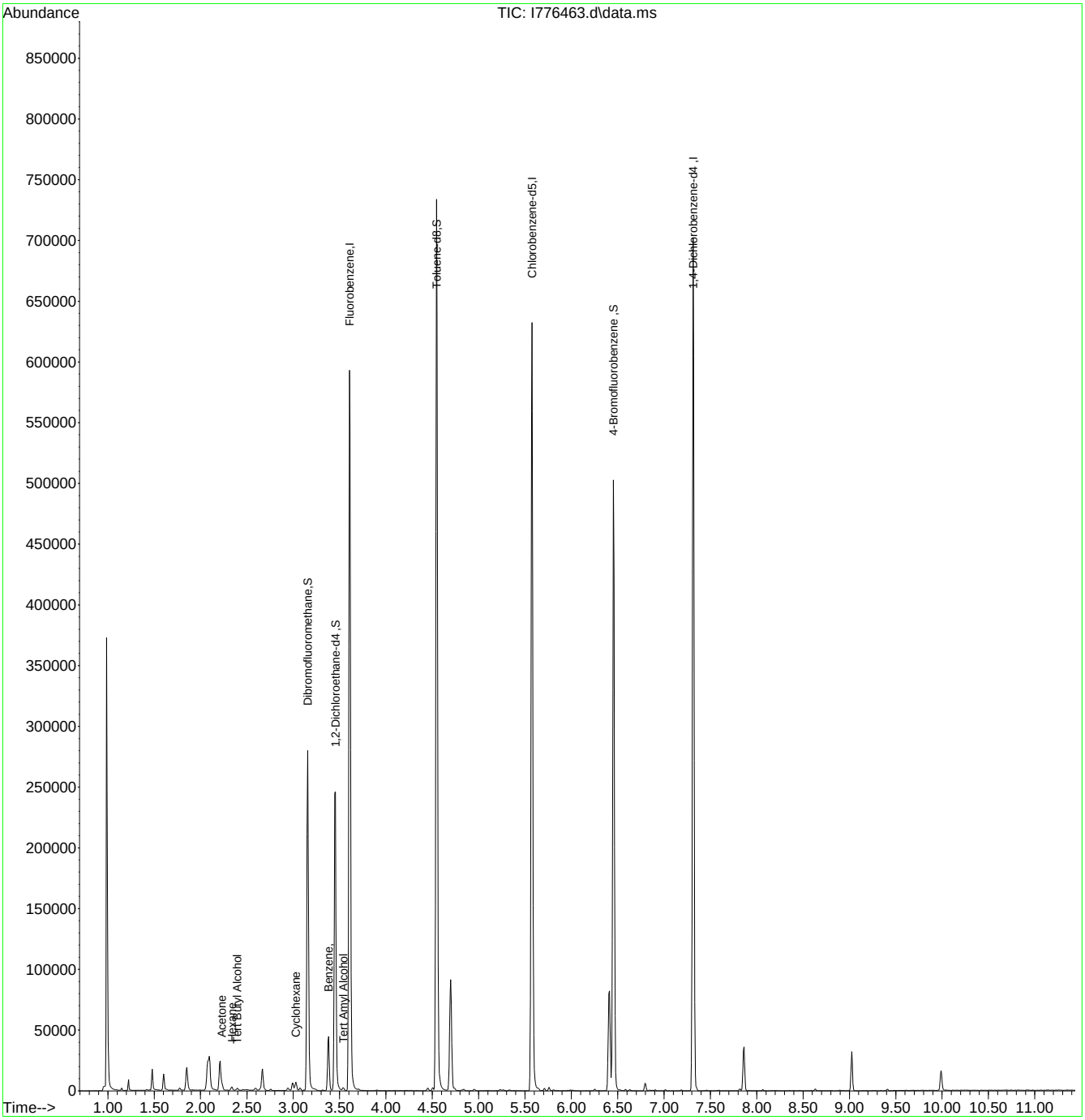
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	373372	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	282555	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	146074	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	112756	50.32	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.64%			
49) 1,2-Dichloroethane-d4	3.455	65	122035	46.64	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.28%			
63) Toluene-d8	4.546	98	352356	47.74	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.48%			
86) 4-Bromofluorobenzene	6.454	174	110486	50.11	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.22%			
Target Compounds						Qvalue
19) Acetone	2.229	43	5552	7.9653	ug/L	90
22) Hexane	2.339	56	552	0.5032	ug/L #	86
25) Tert Butyl Alcohol	2.394	59	1285	2.5792	ug/L	75
35) Cyclohexane	3.028	56	2201	0.9840	ug/L	95
47) Benzene	3.382	78	26903	4.9972	ug/L	91
52) Tert Amyl Alcohol	3.540	59	987	2.1357	ug/L	87

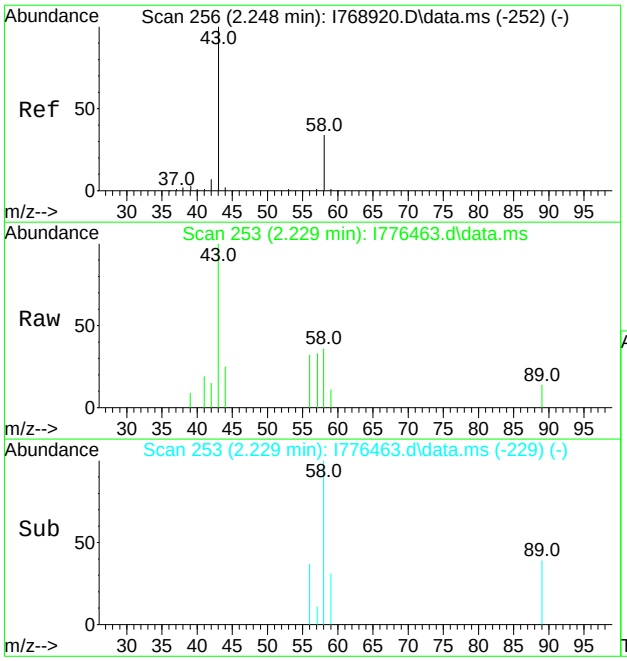
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776463.d
Acq On : 8 Dec 2025 4:23 pm
Operator : davidw
Sample : FC29756-9 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 09 05:14:31 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

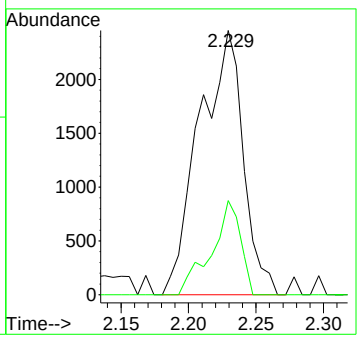


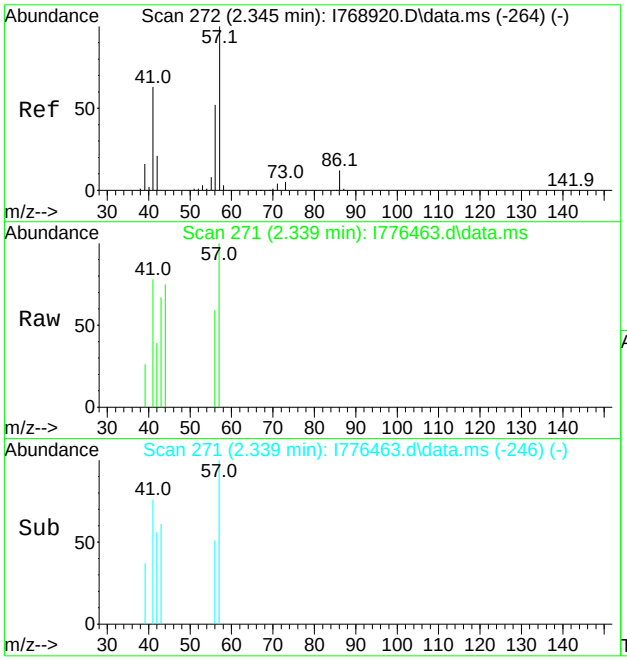


#19
Acetone
Concen: 7.9653 ug/L
RT: 2.229 min Scan# 253
Delta R.T. -0.006 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 43 Resp: 5552

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	60.0

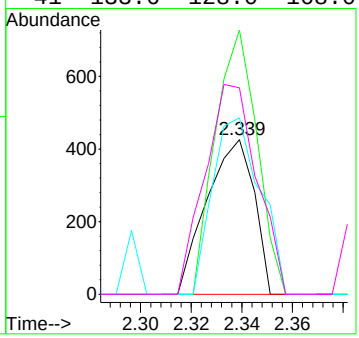


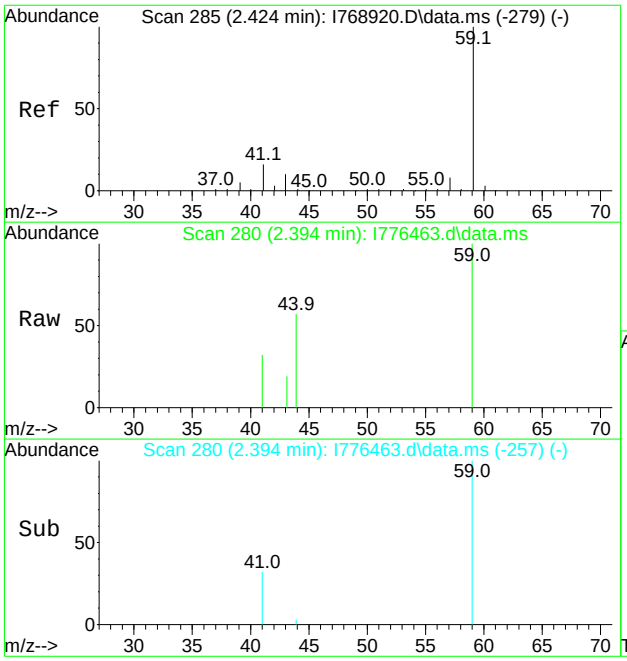


#22
Hexane
Concen: 0.5032 ug/L
RT: 2.339 min Scan# 271
Delta R.T. 0.000 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 56 Resp: 552

Ion	Ratio	Lower	Upper
56	100		
57	170.9	172.0	212.0#
43	114.1	111.8	151.8
41	133.6	128.0	168.0

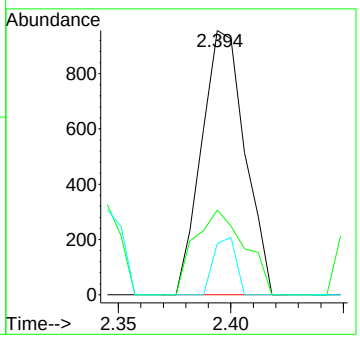


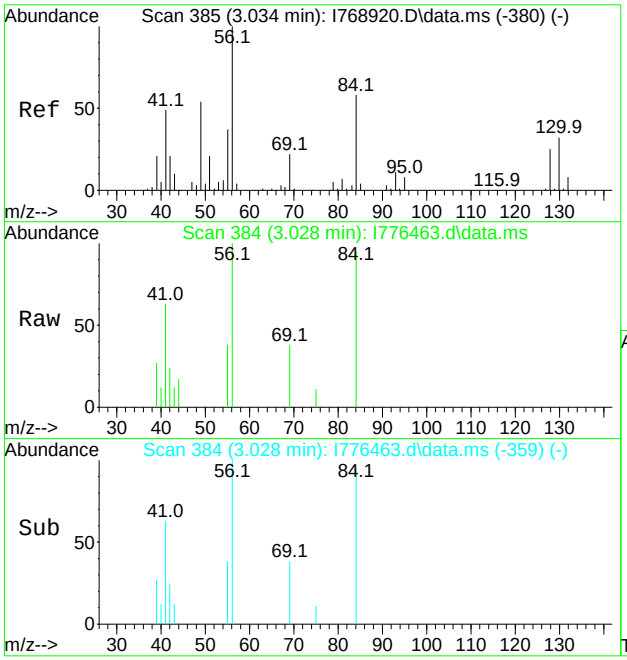


#25
Tert Butyl Alcohol
Concen: 2.5792 ug/L
RT: 2.394 min Scan# 280
Delta R.T. -0.012 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 59 Resp: 1285

Ion	Ratio	Lower	Upper
59	100		
41	32.0	0.0	34.1
43	19.4	0.0	35.7

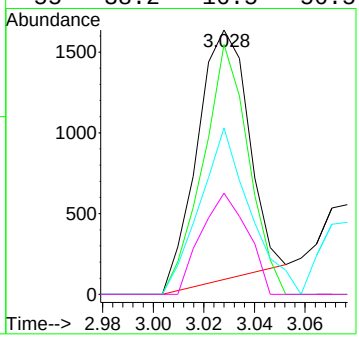


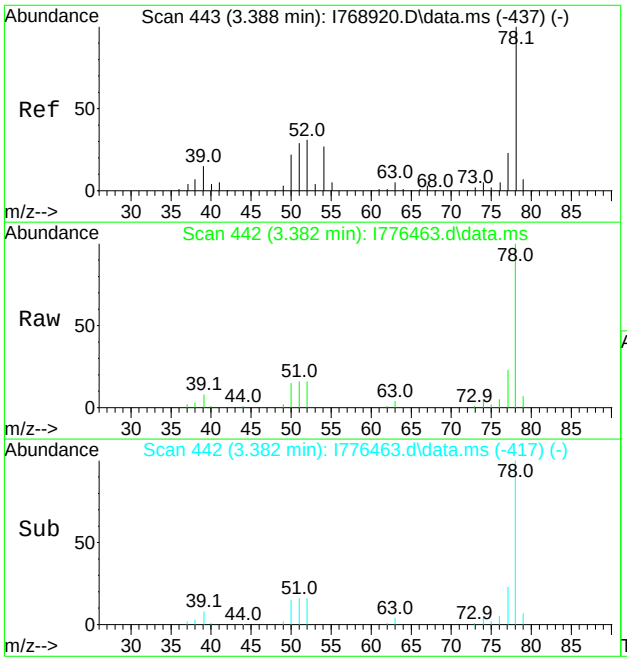


#35
Cyclohexane
Concen: 0.9840 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 56 Resp: 2201

Ion	Ratio	Lower	Upper
56	100		
84	94.5	70.9	110.9
41	63.0	36.7	76.7
55	38.2	16.5	56.5

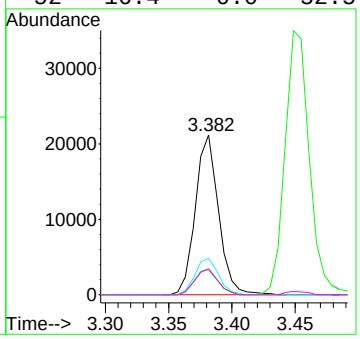


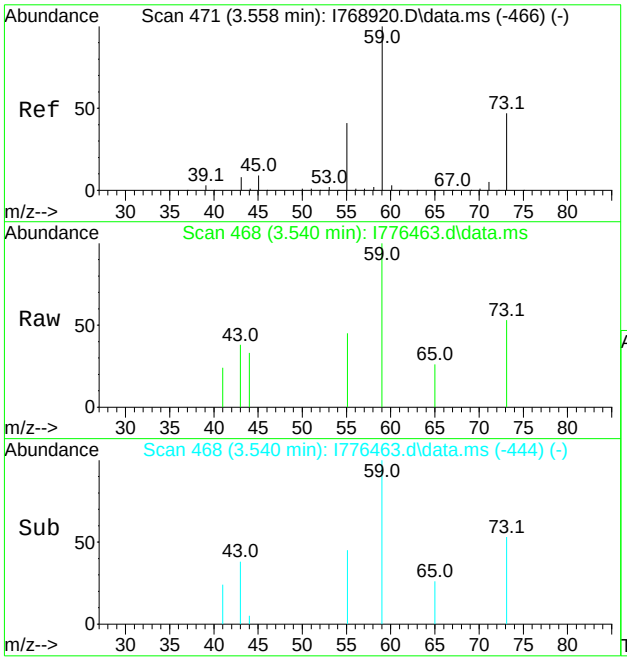


#47
Benzene
Concen: 4.9972 ug/L
RT: 3.382 min Scan# 442
Delta R.T. 0.001 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 78 Resp: 26903

Ion	Ratio	Lower	Upper
78	100		
51	15.6	0.0	51.6
77	22.9	0.0	53.6
52	16.4	0.0	52.5

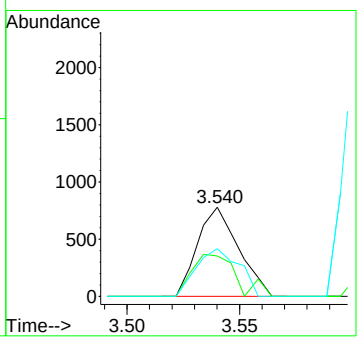




#52
Tert Amyl Alcohol
Concen: 2.1357 ug/L
RT: 3.540 min Scan# 468
Delta R.T. -0.006 min
Lab File: I776463.d
Acq: 8 Dec 2025 4:23 pm

Tgt Ion: 59 Resp: 987

Ion	Ratio	Lower	Upper
59	100		
55	45.2	7.9	67.9
73	53.4	33.6	93.6



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776464.d
Acq On : 8 Dec 2025 4:39 pm
Operator : davidw
Sample : FC29756-10 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 09 05:14:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

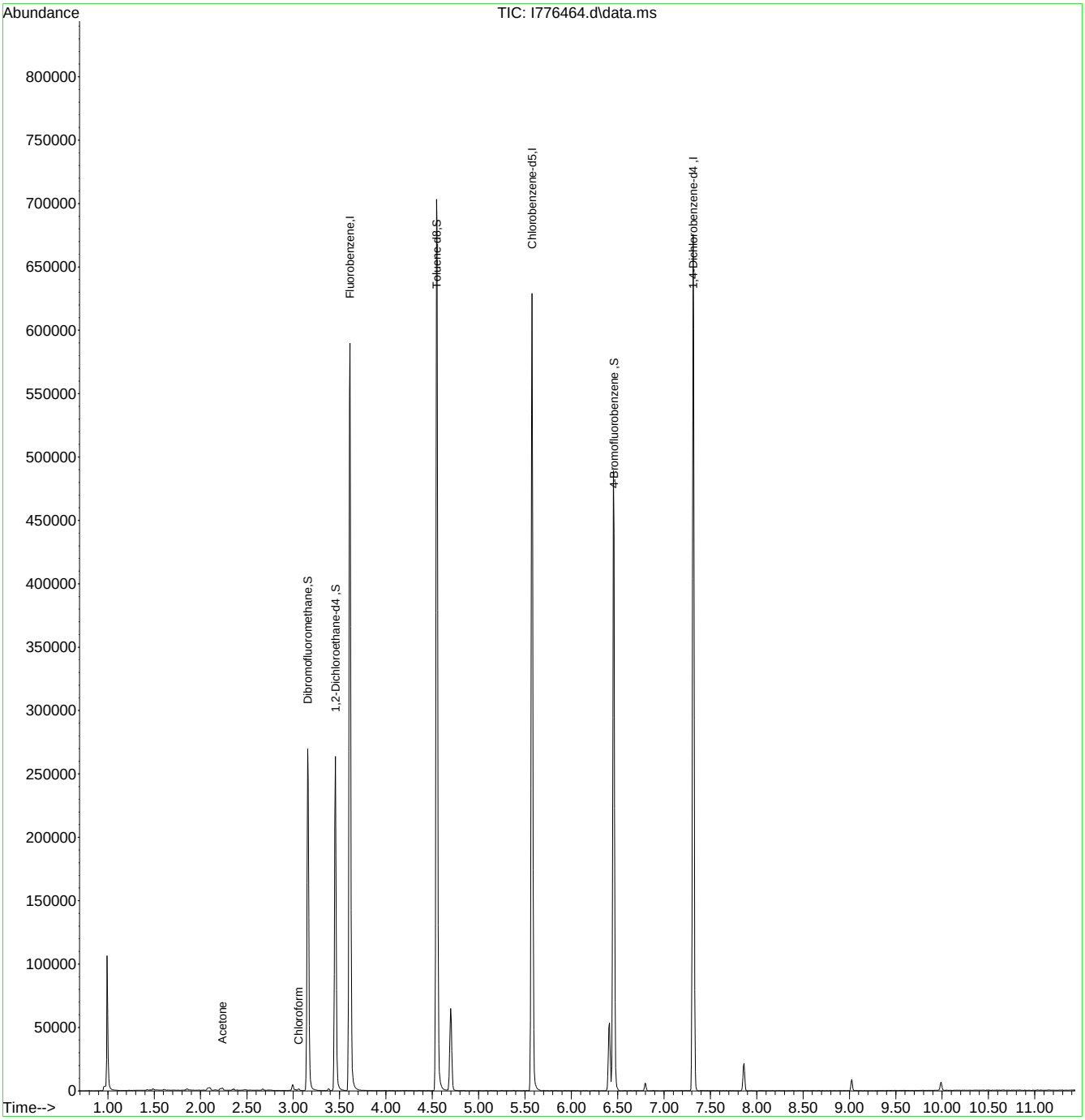
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	372801	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	279542	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	144657	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113371	50.67	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.34%			
49) 1,2-Dichloroethane-d4	3.455	65	121380	46.47	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.94%			
63) Toluene-d8	4.546	98	349245	47.83	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.66%			
86) 4-Bromofluorobenzene	6.460	174	110271	50.50	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.00%			
Target Compounds						Qvalue
19) Acetone	2.235	43	1452	2.0863	ug/L	90
36) Chloroform	3.058	83	899	0.3396	ug/L	85

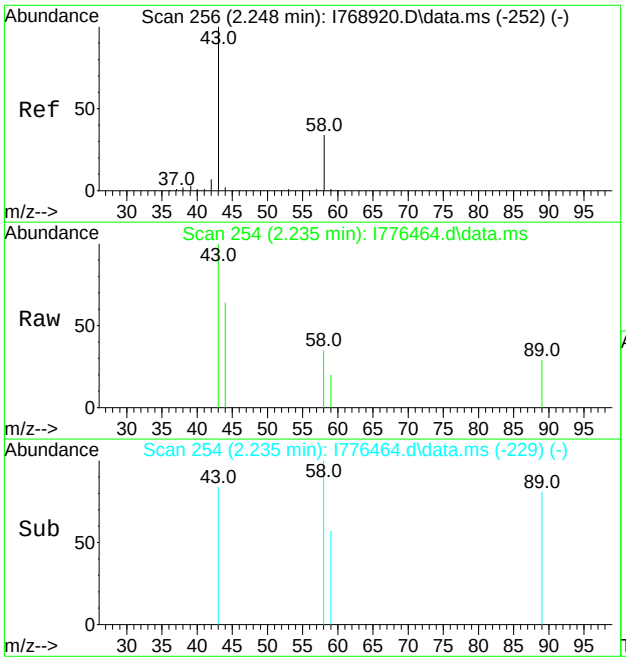
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776464.d
Acq On : 8 Dec 2025 4:39 pm
Operator : davidw
Sample : FC29756-10 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 09 05:14:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

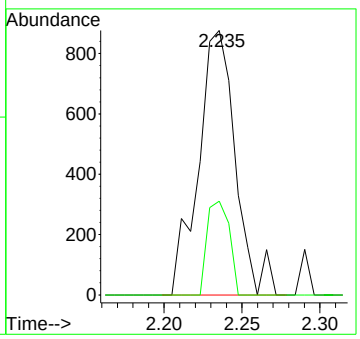


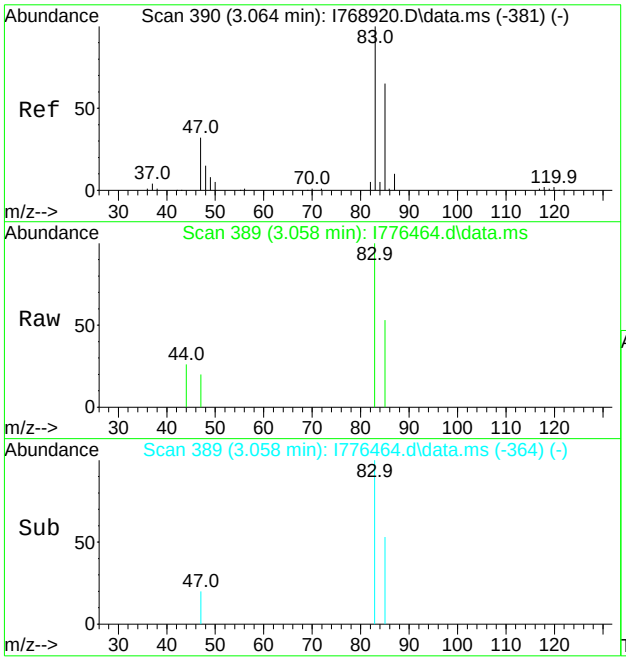


#19
Acetone
Concen: 2.0863 ug/L
RT: 2.235 min Scan# 254
Delta R.T. 0.000 min
Lab File: I776464.d
Acq: 8 Dec 2025 4:39 pm

Tgt Ion: 43 Resp: 1452

Ion	Ratio	Lower	Upper
43	100		
58	35.5	0.0	60.0

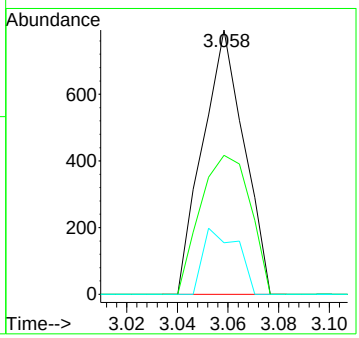




#36
Chloroform
Concen: 0.3396 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776464.d
Acq: 8 Dec 2025 4:39 pm

Tgt Ion: 83 Resp: 899

Ion	Ratio	Lower	Upper
83	100		
85	52.6	36.1	96.1
47	19.5	0.0	53.8



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776465.d
Acq On : 8 Dec 2025 4:56 pm
Operator : davidw
Sample : FC29756-11 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 09 05:16:21 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

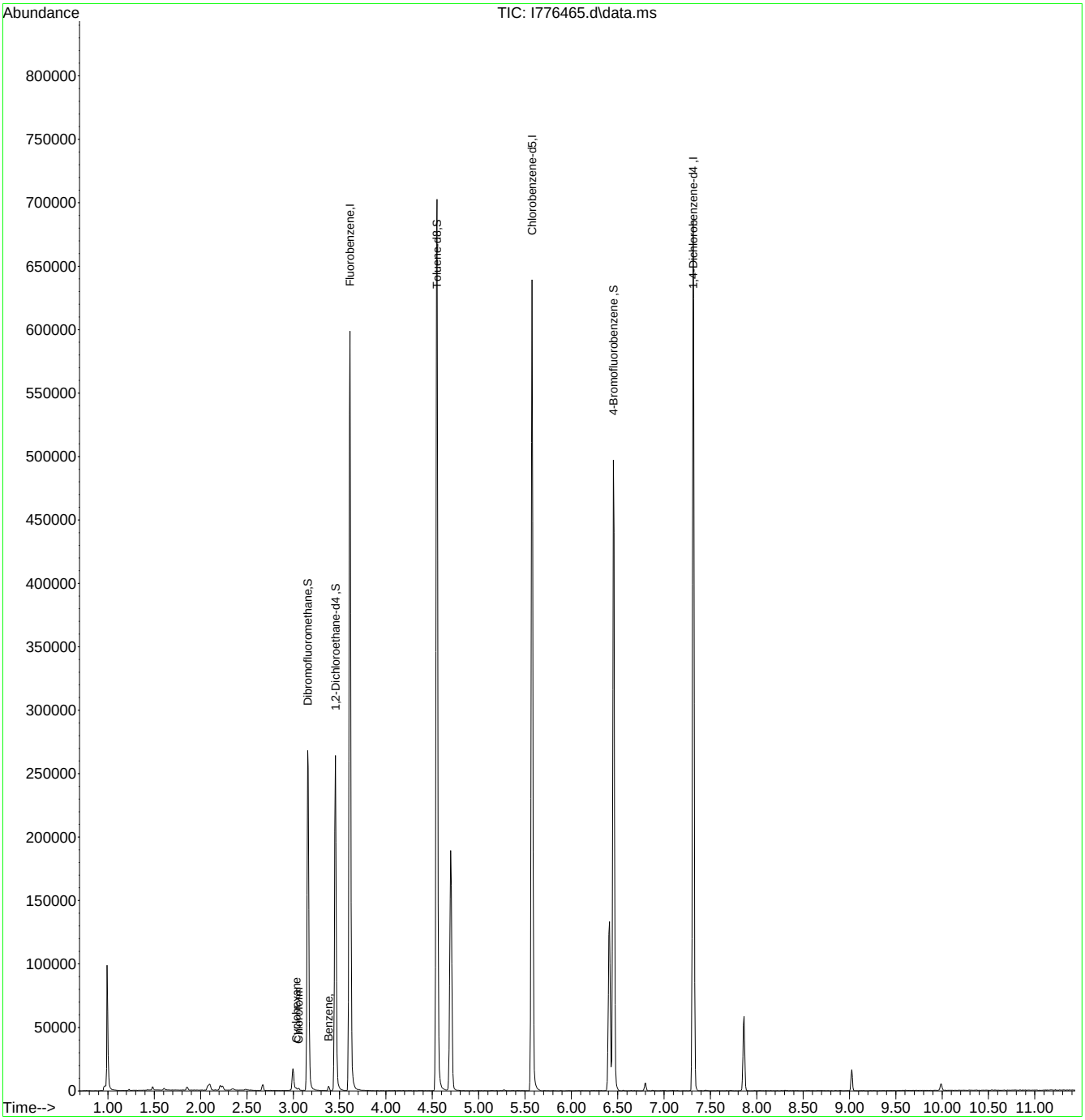
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	373262	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	281097	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.313	152	147808	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113344	50.59	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.18%			
49) 1,2-Dichloroethane-d4	3.454	65	122043	46.66	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.32%			
63) Toluene-d8	4.552	98	351648	47.89	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.78%			
86) 4-Bromofluorobenzene	6.454	174	112406	50.38	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.76%			
Target Compounds						Qvalue
35) Cyclohexane	3.034	56	644	0.2880	ug/L	90
36) Chloroform	3.058	83	905	0.3415	ug/L	94
47) Benzene	3.381	78	2047	0.3803	ug/L	95

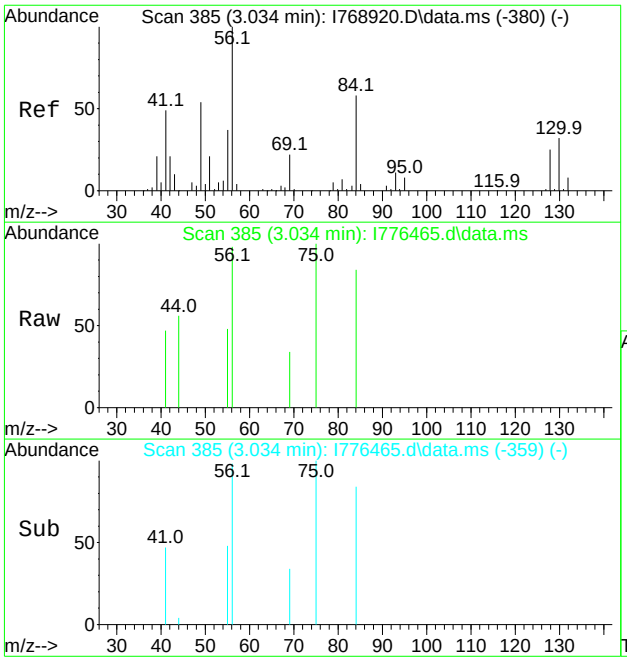
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776465.d
Acq On : 8 Dec 2025 4:56 pm
Operator : davidw
Sample : FC29756-11 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 09 05:16:21 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

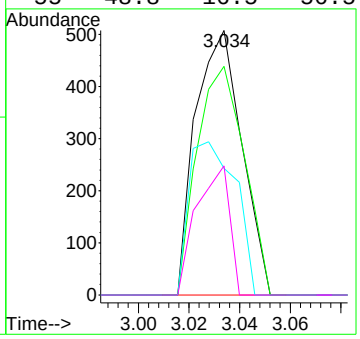


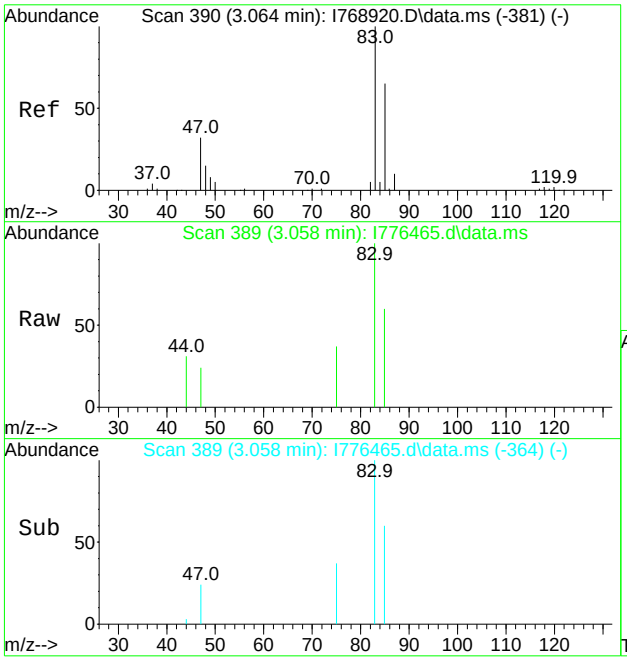


#35
Cyclohexane
Concen: 0.2880 ug/L
RT: 3.034 min Scan# 385
Delta R.T. 0.006 min
Lab File: I776465.d
Acq: 8 Dec 2025 4:56 pm

Tgt Ion: 56 Resp: 644

Ion	Ratio	Lower	Upper
56	100		
84	86.4	70.9	110.9
41	47.8	36.7	76.7
55	48.8	16.5	56.5

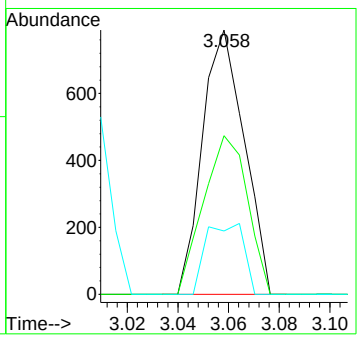


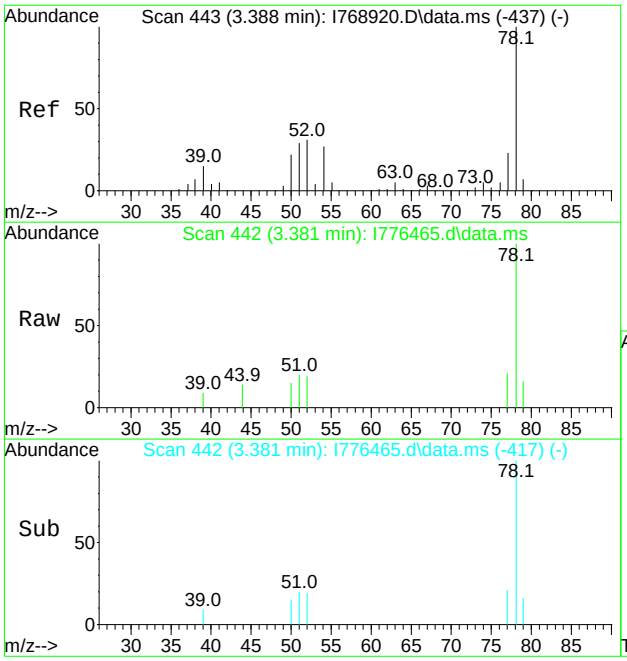


#36
Chloroform
Concen: 0.3415 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776465.d
Acq: 8 Dec 2025 4:56 pm

Tgt Ion: 83 Resp: 905

Ion	Ratio	Lower	Upper
83	100		
85	60.0	36.1	96.1
47	23.9	0.0	53.8

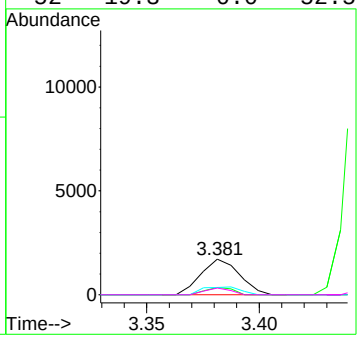




#47
Benzene
Concen: 0.3803 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776465.d
Acq: 8 Dec 2025 4:56 pm

Tgt Ion: 78 Resp: 2047

Ion	Ratio	Lower	Upper
78	100		
51	20.4	0.0	51.6
77	20.6	0.0	53.6
52	19.3	0.0	52.5



7.1.11

7

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776466.d
Acq On : 8 Dec 2025 5:12 pm
Operator : davidw
Sample : FC29756-12 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 09 05:17:11 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

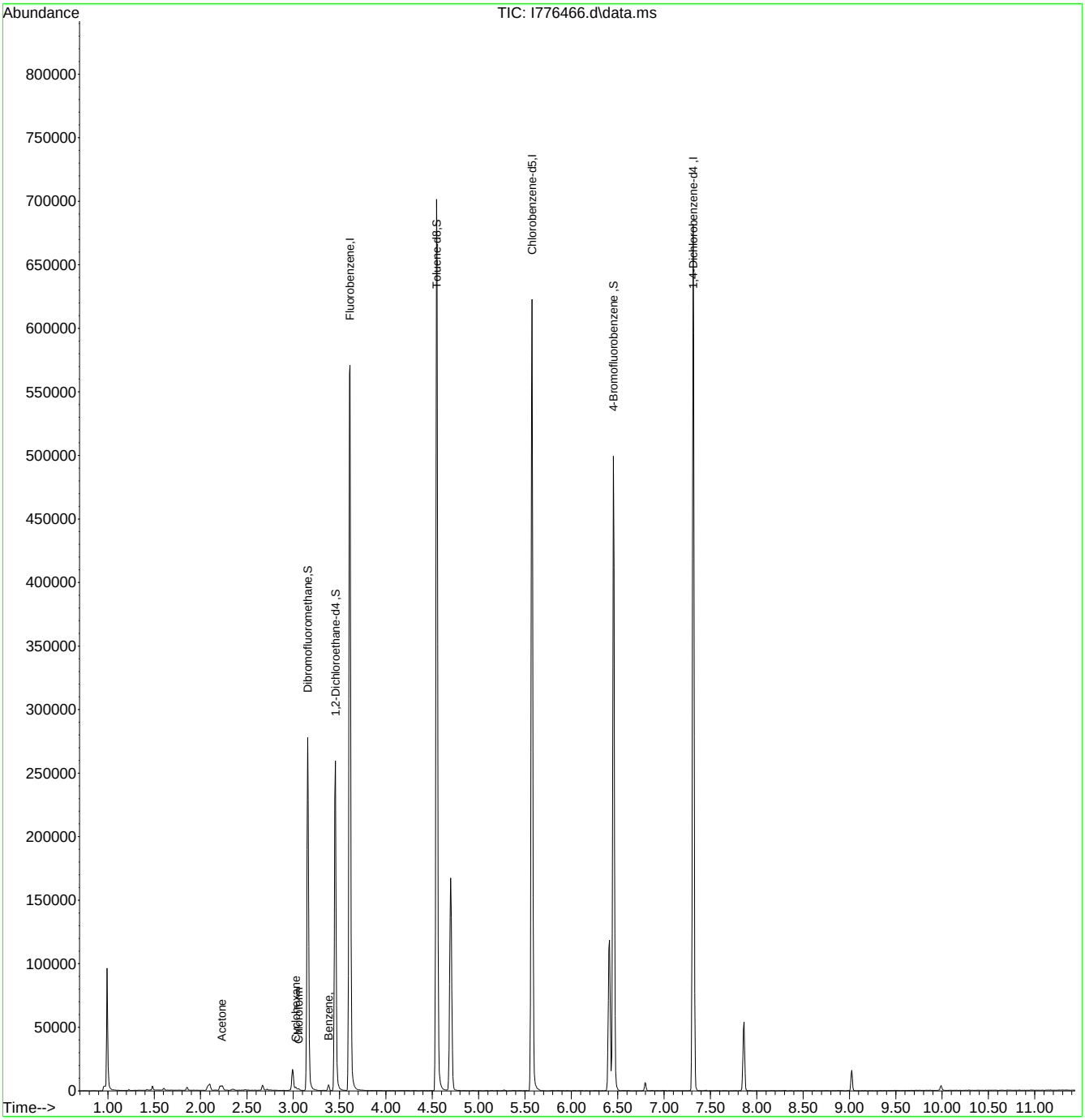
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	369122	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	279758	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	145032	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113096	51.05	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.10%			
49) 1,2-Dichloroethane-d4	3.455	65	122481	47.35	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 94.70%			
63) Toluene-d8	4.546	98	345708	47.31	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 94.62%			
86) 4-Bromofluorobenzene	6.454	174	110571	50.51	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.02%			
Target Compounds						Qvalue
19) Acetone	2.229	43	2205	3.1999	ug/L	86
35) Cyclohexane	3.028	56	757	0.3423	ug/L #	84
36) Chloroform	3.058	83	802	0.3060	ug/L	89
47) Benzene	3.381	78	2972	0.5584	ug/L	88

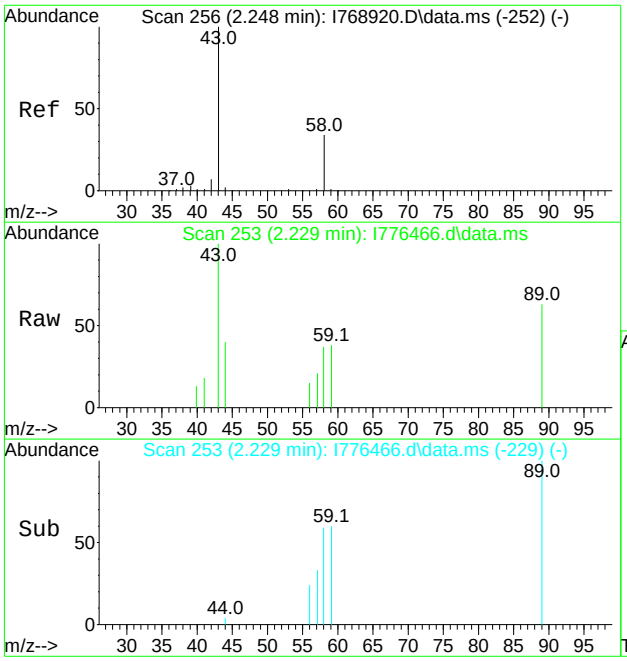
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776466.d
Acq On : 8 Dec 2025 5:12 pm
Operator : davidw
Sample : FC29756-12 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 09 05:17:11 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

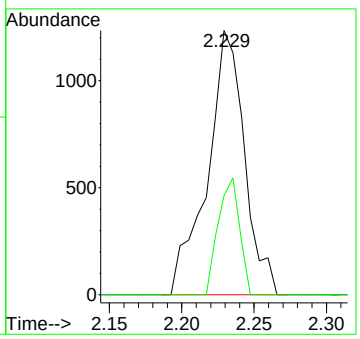


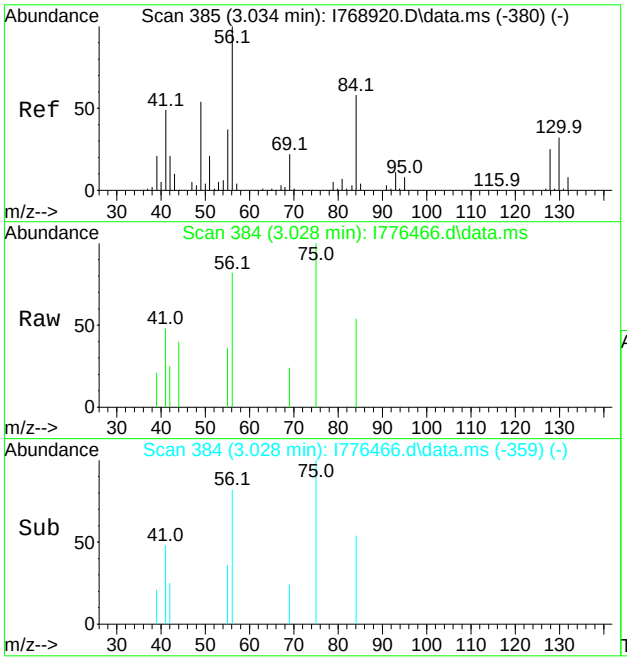


#19
Acetone
Concen: 3.1999 ug/L
RT: 2.229 min Scan# 253
Delta R.T. -0.006 min
Lab File: I776466.d
Acq: 8 Dec 2025 5:12 pm

Tgt Ion: 43 Resp: 2205

Ion	Ratio	Lower	Upper
43	100		
58	37.5	0.0	60.0

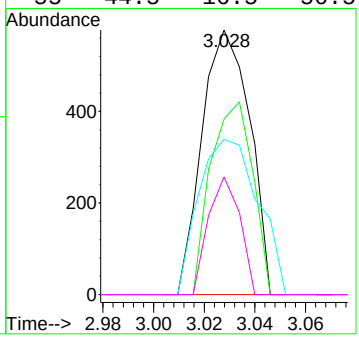


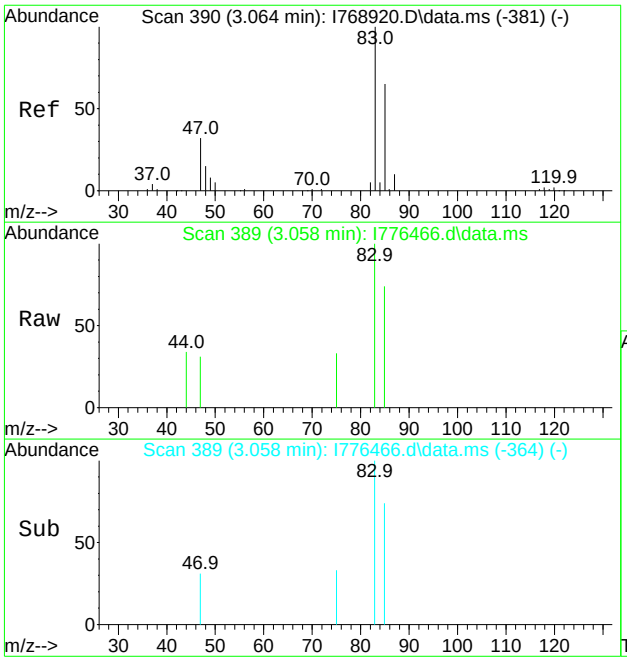


#35
Cyclohexane
Concen: 0.3423 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776466.d
Acq: 8 Dec 2025 5:12 pm

Tgt Ion: 56 Resp: 757

Ion	Ratio	Lower	Upper
56	100		
84	66.3	70.9	110.9#
41	58.7	36.7	76.7
55	44.5	16.5	56.5

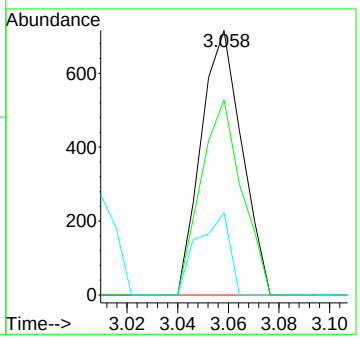


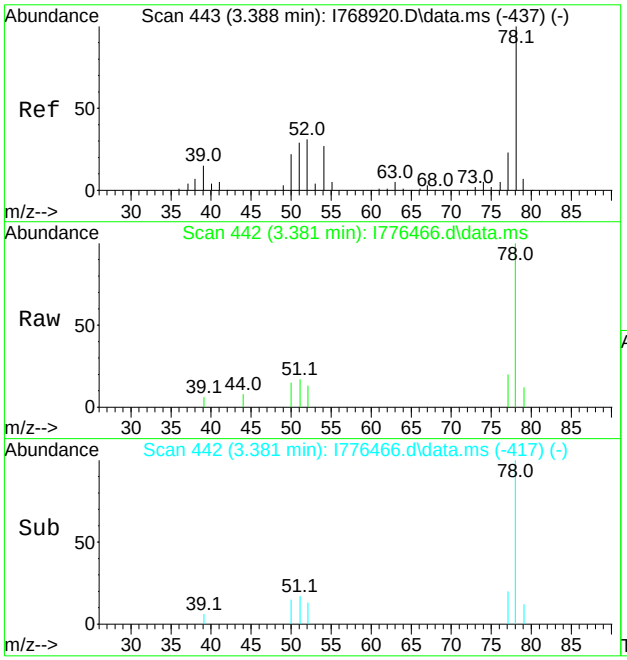


#36
Chloroform
Concen: 0.3060 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776466.d
Acq: 8 Dec 2025 5:12 pm

Tgt Ion: 83 Resp: 802

Ion	Ratio	Lower	Upper
83	100		
85	73.7	36.1	96.1
47	31.1	0.0	53.8

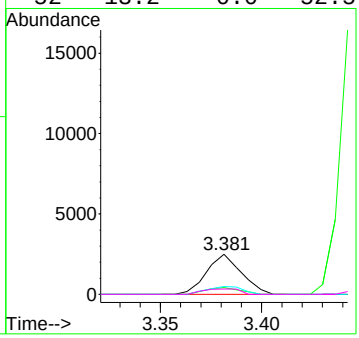




#47
Benzene
Concen: 0.5584 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776466.d
Acq: 8 Dec 2025 5:12 pm

Tgt Ion: 78 Resp: 2972

Ion	Ratio	Lower	Upper
78	100		
51	16.9	0.0	51.6
77	19.9	0.0	53.6
52	13.2	0.0	52.5



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776467.d
Acq On : 8 Dec 2025 5:28 pm
Operator : davidw
Sample : FC29756-13 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 09 05:17:43 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

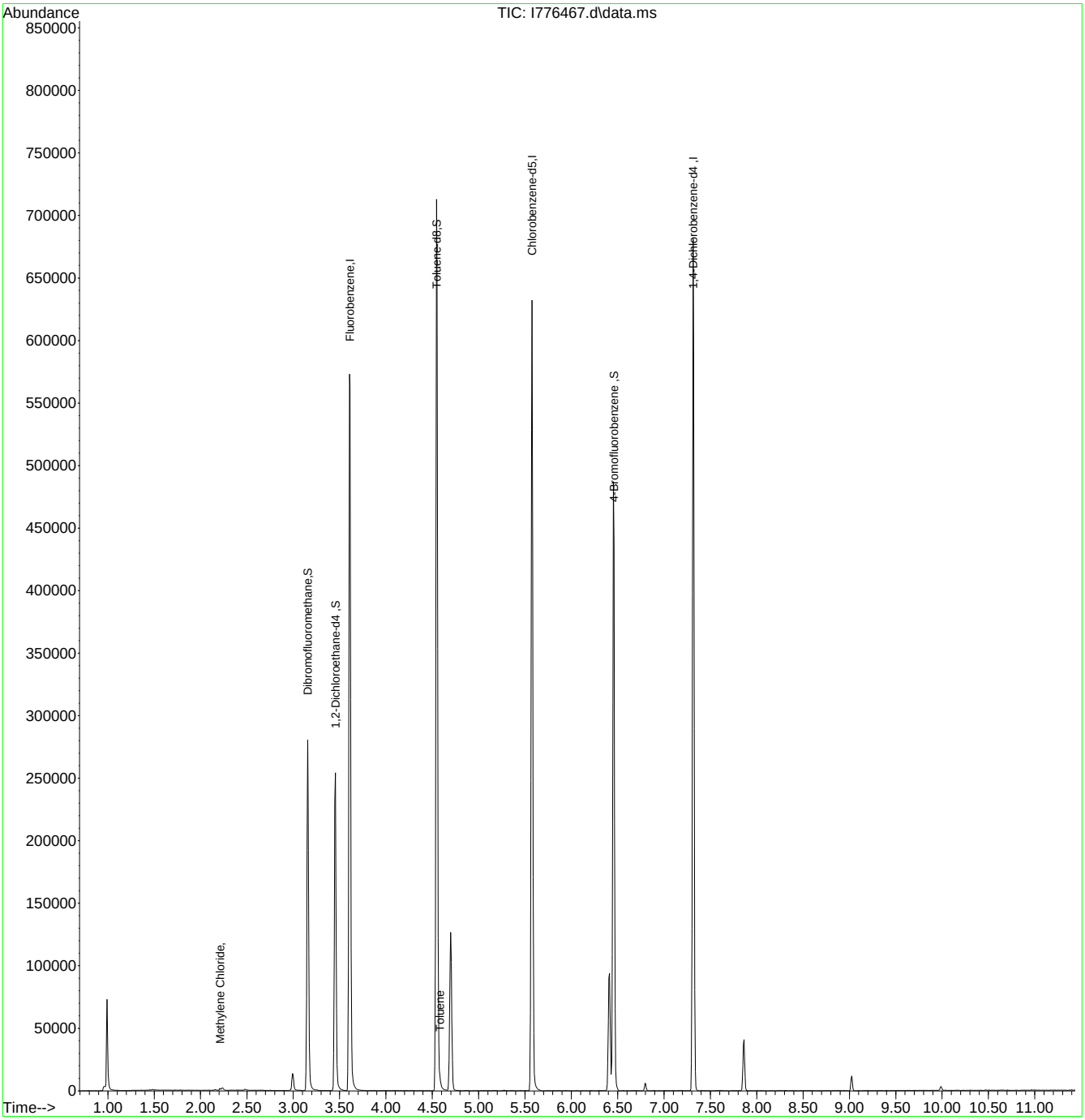
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	370889	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	279808	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	144432	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113749	51.10	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.20%			
49) 1,2-Dichloroethane-d4	3.455	65	121970	46.93	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.86%			
63) Toluene-d8	4.546	98	347532	47.55	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.10%			
86) 4-Bromofluorobenzene	6.460	174	109847	50.39	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.78%			
Target Compounds						Qvalue
18) Methylene Chloride	2.211	49	547	0.3129	ug/L	88
64) Toluene	4.582	91	1731	0.3054	ug/L	97

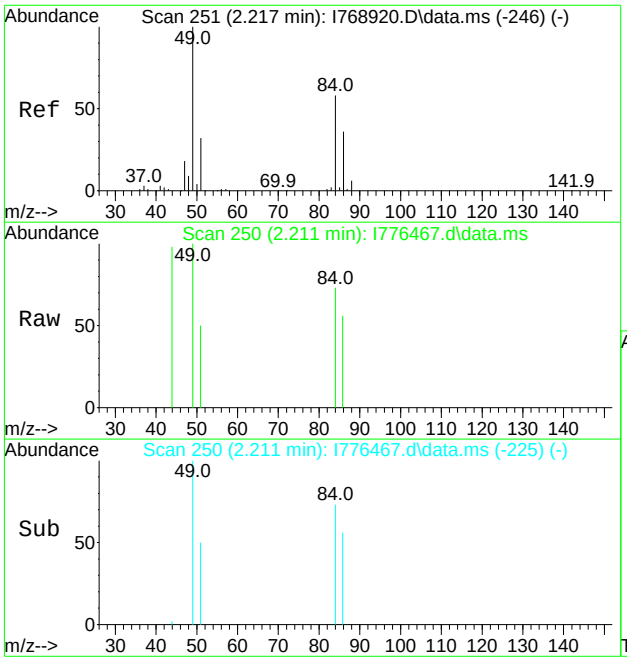
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776467.d
Acq On : 8 Dec 2025 5:28 pm
Operator : davidw
Sample : FC29756-13 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 09 05:17:43 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

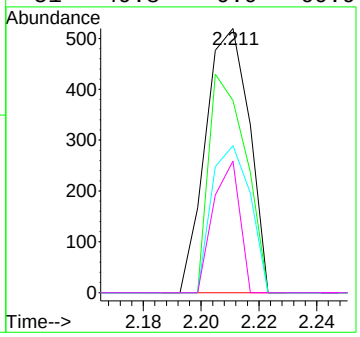


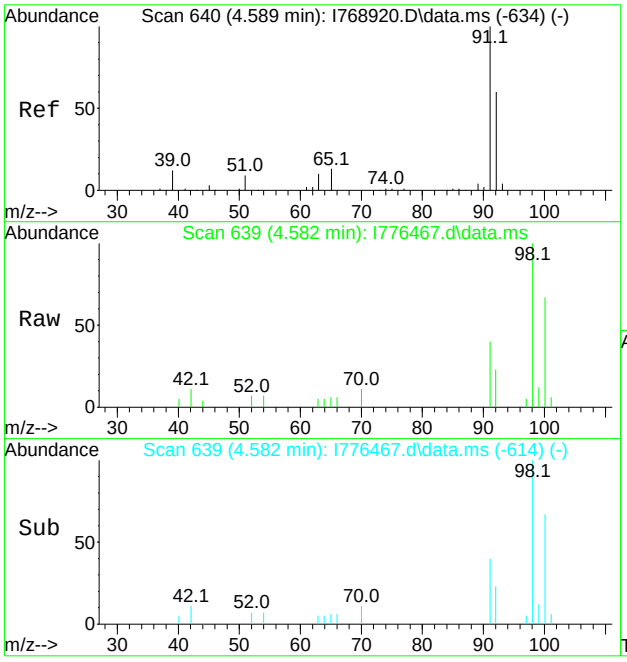


#18
Methylene Chloride
Concen: 0.3129 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I776467.d
Acq: 8 Dec 2025 5:28 pm

Tgt Ion: 49 Resp: 547

Ion	Ratio	Lower	Upper
49	100		
84	72.7	48.3	108.3
86	55.6	21.3	81.3
51	49.8	0.9	60.9

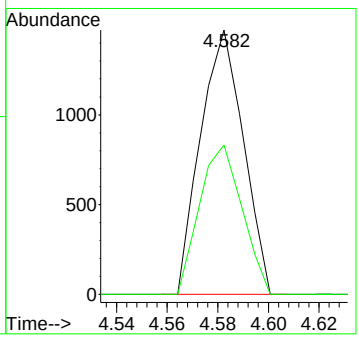




#64
Toluene
Concen: 0.3054 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776467.d
Acq: 8 Dec 2025 5:28 pm

Tgt Ion: 91 Resp: 1731

Ion	Ratio	Lower	Upper
91	100		
92	56.6	28.6	88.6



Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776468.d
Acq On : 8 Dec 2025 5:45 pm
Operator : davidw
Sample : FC29756-14 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 09 05:18:24 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	373421	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	281632	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	145438	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113907	50.82	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.64%			
49) 1,2-Dichloroethane-d4	3.455	65	122385	46.77	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 93.54%			
63) Toluene-d8	4.552	98	351432	47.77	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.54%			
86) 4-Bromofluorobenzene	6.454	174	111000	50.56	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.12%			

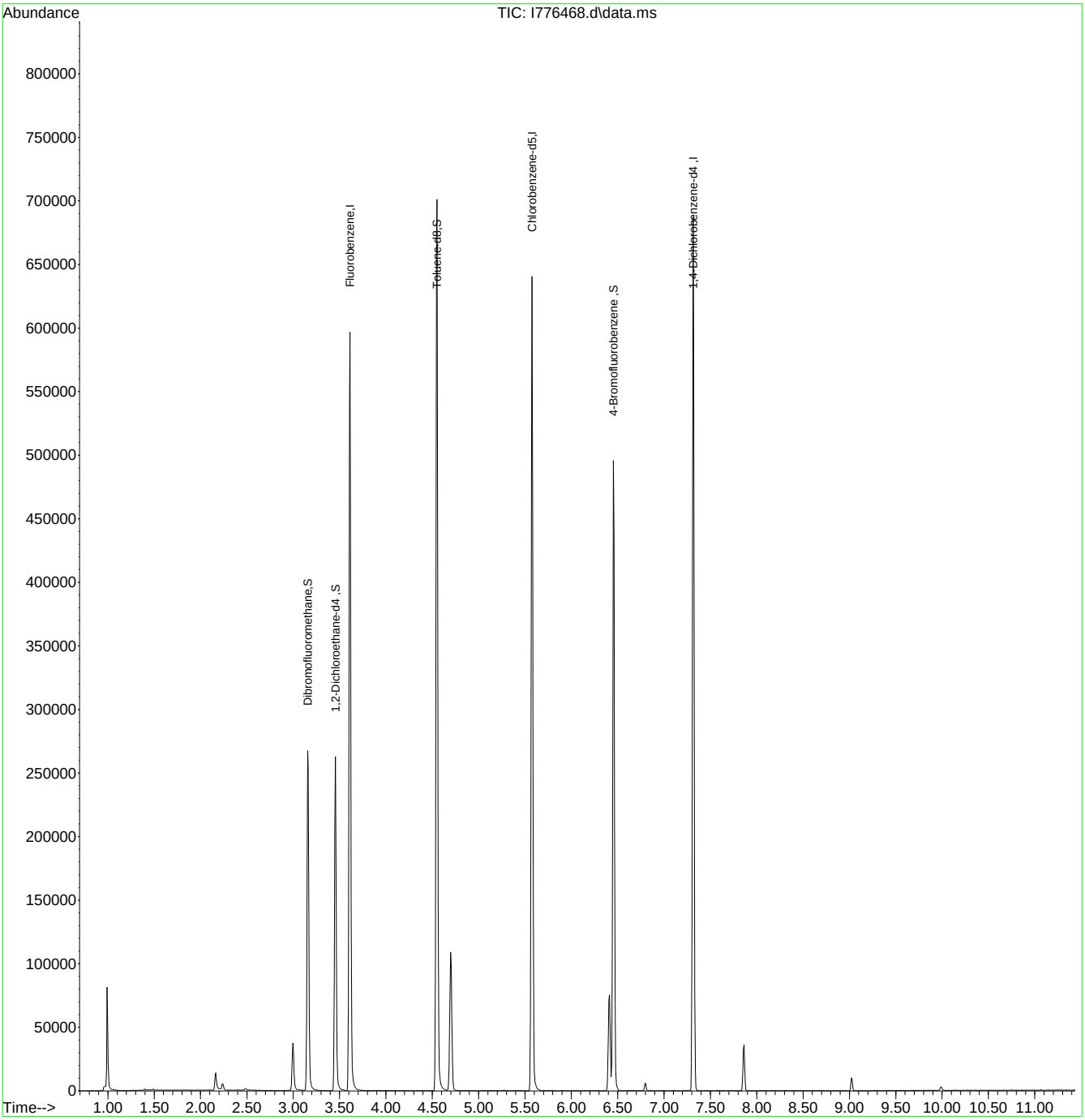
Target Compounds Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776468.d
Acq On : 8 Dec 2025 5:45 pm
Operator : davidw
Sample : FC29756-14 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 09 05:18:24 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776453.D
Acq On : 8 Dec 2025 12:50 pm
Operator : davidw
Sample : MB Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 13:03:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

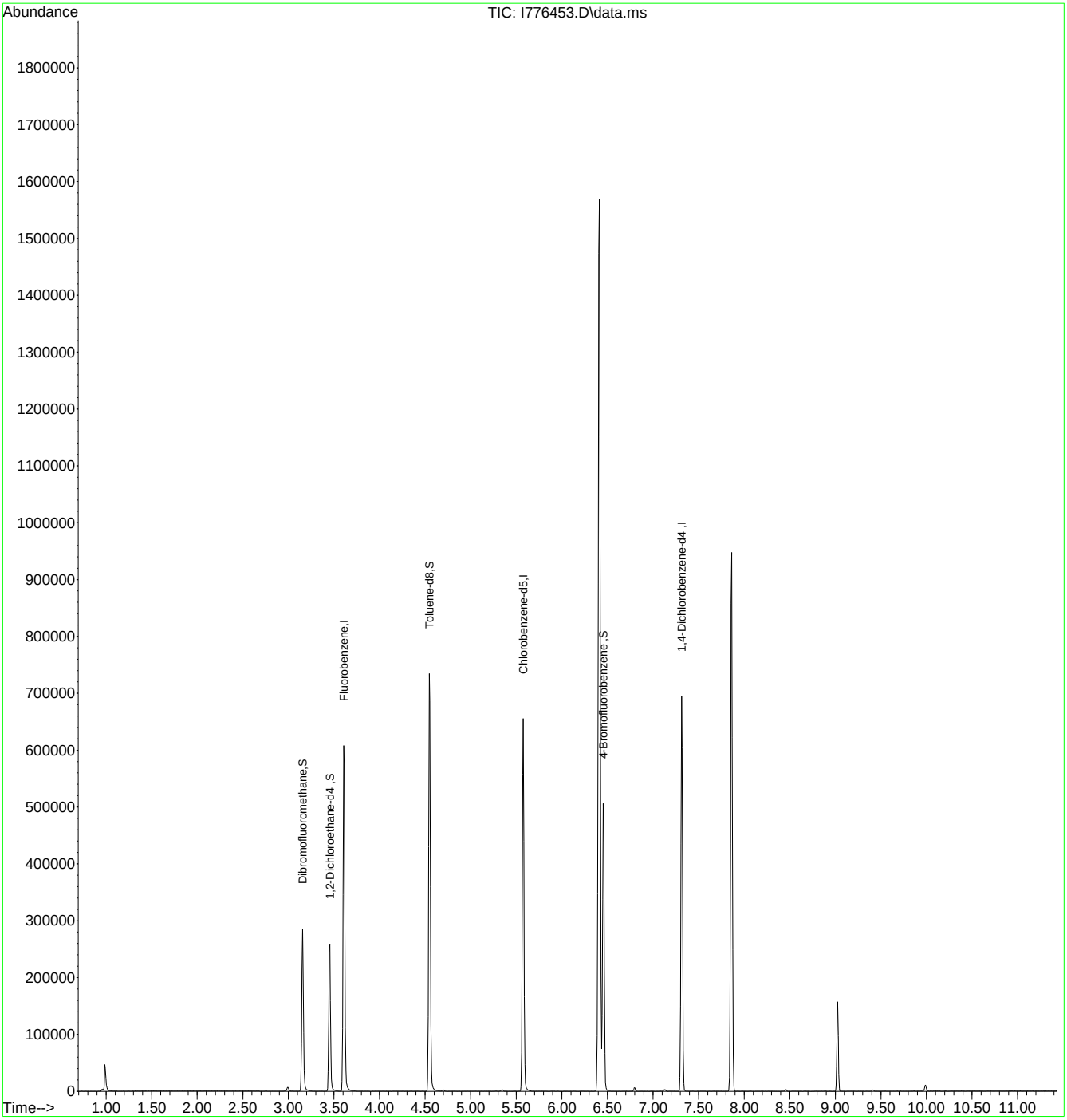
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	385141	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	290340	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	148016	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	115561	49.99	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.98%			
49) 1,2-Dichloroethane-d4	3.455	65	124959	46.30	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 92.60%			
63) Toluene-d8	4.546	98	360728	47.56	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 95.12%			
86) 4-Bromofluorobenzene	6.454	174	114942	51.45	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.90%			
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776453.D
Acq On : 8 Dec 2025 12:50 pm
Operator : davidw
Sample : MB Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 13:03:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
12/09/25 08:47

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:02:05 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	386954	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.570	117	284997	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	155389	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	116004	49.95	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	99.90%		
49) 1,2-Dichloroethane-d4	3.449	65	123656	45.61	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	91.22%		
63) Toluene-d8	4.546	98	368506	49.50	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.00%		
86) 4-Bromofluorobenzene	6.454	174	114637	48.87	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	97.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	31673	16.13	ug/L	97
3) Chloromethane	1.205	50	26583	16.23	ug/L	100
4) 1,3-butadiene	1.266	39	14659	11.60	ug/L	92
5) Vinyl Chloride	1.260	62	30295	17.42	ug/L	99
6) Bromomethane	1.449	94	14933	21.23	ug/L	99
7) Chloroethane	1.516	64	10878	24.94	ug/L	96
8) Trichlorofluoromethane	1.601	101	40986	17.14	ug/L	100
9) Ethyl Ether	1.784	59	27730	22.14	ug/L	96
10) Ethanol	1.870	45	16511m	389.30	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.882	67	34902	32.48	ug/L	96
12) 1,1-Dichloroethene	1.888	61	43626	20.21	ug/L	94
13) Freon 113	1.912	101	32672	24.34	ug/L	94
14) Carbon Disulfide	1.912	76	82733	20.87	ug/L	89
15) Iodomethane	1.973	142	24146	20.18	ug/L	95
16) Acrolein	2.077	56	17596	44.08	ug/L	96
17) Allyl chloride	2.150	41	25293	13.92	ug/L	85
18) Methylene Chloride	2.205	49	41588	22.80	ug/L	97
19) Acetone	2.229	43	84675	117.22	ug/L	95
20) Methyl acetate	2.296	43	230977	119.68	ug/L	98
21) trans-1,2-Dichloroethene	2.290	61	44649	20.92	ug/L	93
22) Hexane	2.333	56	24679	21.71	ug/L	92
23) Methyl Tert Butyl Ether	2.351	73	103230	22.40	ug/L	94
24) Acetonitrile	2.485	41	69336m	232.07	ug/L	
25) Tert Butyl Alcohol	2.400	59	114987	222.69	ug/L	96
26) Di-isopropyl ether	2.552	45	93763	19.75	ug/L	96
27) Chloroprene	2.650	53	116701	27.60	ug/L	97
28) 1,1-Dichloroethane	2.619	63	54790	20.47	ug/L	98
29) Acrylonitrile	2.650	52	88405	137.69	ug/L	98
30) ETBE	2.748	59	108467	22.87	ug/L	97
31) Vinyl acetate	2.748	43	463339	112.16	ug/L	95
32) cis-1,2-Dichloroethene	2.912	96	36060	24.14	ug/L	96
33) 2,2-Dichloropropane	2.967	77	51392	23.77	ug/L	98
34) Bromochloromethane	3.016	128	19123	24.54	ug/L	96
35) Cyclohexane	3.028	56	53006	22.87	ug/L	95
36) Chloroform	3.052	83	62041	22.58	ug/L	100
37) Ethyl acetate	3.113	43	321484	117.57	ug/L	99
38) Tetrahydrofuran	3.144	42	23597	23.41	ug/L	93
40) Carbon Tetrachloride	3.138	117	44404m	20.93	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	50455	23.28	ug/L	98
42) 2-Butanone	3.217	43	184671	131.37	ug/L	96
43) 1,1-Dichloropropene	3.241	75	45211	25.06	ug/L	96
44) tert-Butyl formate	3.296	59	196124	109.40	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:02:05 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.382	54	104074	260.33	ug/L		84
46) Methacrylonitrile	3.394	41	319753	229.70	ug/L		97
47) Benzene	3.375	78	126593	22.69	ug/L		95
48) TAME	3.436	73	112848	24.62	ug/L		96
50) 1,2-Dichloroethane	3.485	62	46291	21.92	ug/L		98
51) Isobutyl Alcohol	3.436	43	28326	427.81	ug/L		93
52) Tert Amyl Alcohol	3.540	59	106910	223.21	ug/L		93
53) Trichloroethene	3.705	95	35298	22.72	ug/L		96
54) Methylcyclohexane	3.705	83	48594	23.46	ug/L		95
55) Dibromomethane	3.949	93	25017	23.69	ug/L		96
56) 1,2-Dichloropropane	4.009	63	34369	23.14	ug/L		95
57) Bromodichloromethane	4.040	83	44864	20.90	ug/L		98
58) Methyl methacrylate	4.125	41	34927	19.35	ug/L		87
59) 1,4-Dioxane	4.162	88	17524	483.44	ug/L		95
60) 2-Chloroethyl vinyl ether	4.381	63	132361	125.38	ug/L		98
61) cis-1,3-Dichloropropene	4.424	75	55314	22.53	ug/L		96
64) Toluene	4.576	91	130425	22.59	ug/L		99
65) 2-Nitropropane	4.717	41	65695	79.33	ug/L		98
66) 4-Methyl-2-pentanone	4.808	43	291518	118.52	ug/L		97
67) trans-1,3-Dichloropropene	4.839	75	52869	22.30	ug/L		95
68) Tetrachloroethene	4.826	166	37273	23.84	ug/L		99
69) Ethyl methacrylate	4.936	69	44894	20.81	ug/L		93
70) 1,1,2-Trichloroethane	4.942	83	28045	23.34	ug/L		95
71) Dibromochloromethane	5.064	129	39266	23.39	ug/L		99
72) 1,3-Dichloropropane	5.125	76	55658	23.91	ug/L		96
73) 1,2-Dibromoethane	5.223	107	38773	24.01	ug/L		100
74) 3,3-Dimethyl-1-Butanol	5.351	57	559086	1157.63	ug/L		95
75) 2-hexanone	5.369	43	320599	115.04	ug/L		91
76) 1-Chlorohexane	5.570	91	41409m	21.12	ug/L		
77) Ethylbenzene	5.601	91	140639m	21.91	ug/L		
78) Chlorobenzene	5.582	112	91105	23.64	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.625	131	33233	22.64	ug/L		96
80) m,p-Xylene	5.704	91	218657	43.67	ug/L		95
81) o-Xylene	6.015	91	108089	21.60	ug/L		99
82) Styrene	6.052	104	92224	23.38	ug/L		97
83) Bromoform	6.070	173	26831	22.18	ug/L		98
84) Isopropylbenzene	6.247	105	137037	22.01	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.497	53	17203	19.21	ug/L		93
88) n-Propylbenzene	6.558	91	158432	22.16	ug/L		97
89) Bromobenzene	6.533	156	39044	23.65	ug/L		94
90) 1,1,2,2-Tetrachloroethane	6.607	83	50469	23.52	ug/L		98
91) 1,3,5-Trimethylbenzene	6.710	105	113126	21.76	ug/L		100
92) 2-Chlorotoluene	6.674	91	88641	22.48	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.741	53	12443	18.14	ug/L		92
94) 1,2,3-Trichloropropane	6.710	110	16998	23.31	ug/L		93
95) Cyclohexanone	6.741	55	18333	115.45	ug/L		97
96) 4-Chlorotoluene	6.802	91	100729	22.13	ug/L		98
97) tert-Butylbenzene	6.954	91	59027	21.30	ug/L		96
98) 1,2,4-Trimethylbenzene	7.009	105	119726	23.46	ug/L		100
99) Pentachloroethane	6.966	167	19842	21.16	ug/L	#	78
100) sec-Butylbenzene	7.094	105	127785	21.42	ug/L		97
101) 4-Isopropyltoluene	7.210	119	112779	21.94	ug/L		97
102) 1,3-Dichlorobenzene	7.259	146	70733	23.94	ug/L		96
103) 1,2,3-Trimethylbenzene	7.350	105	114049	21.57	ug/L		98
104) 1,4-Dichlorobenzene	7.326	146	72817	24.22	ug/L		99
105) n-Butylbenzene	7.533	92	58351	21.53	ug/L		86
106) Benzyl Chloride	7.515	126	17111	17.22	ug/L		99
107) 1,2-Dichlorobenzene	7.637	146	67080	23.81	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:02:05 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

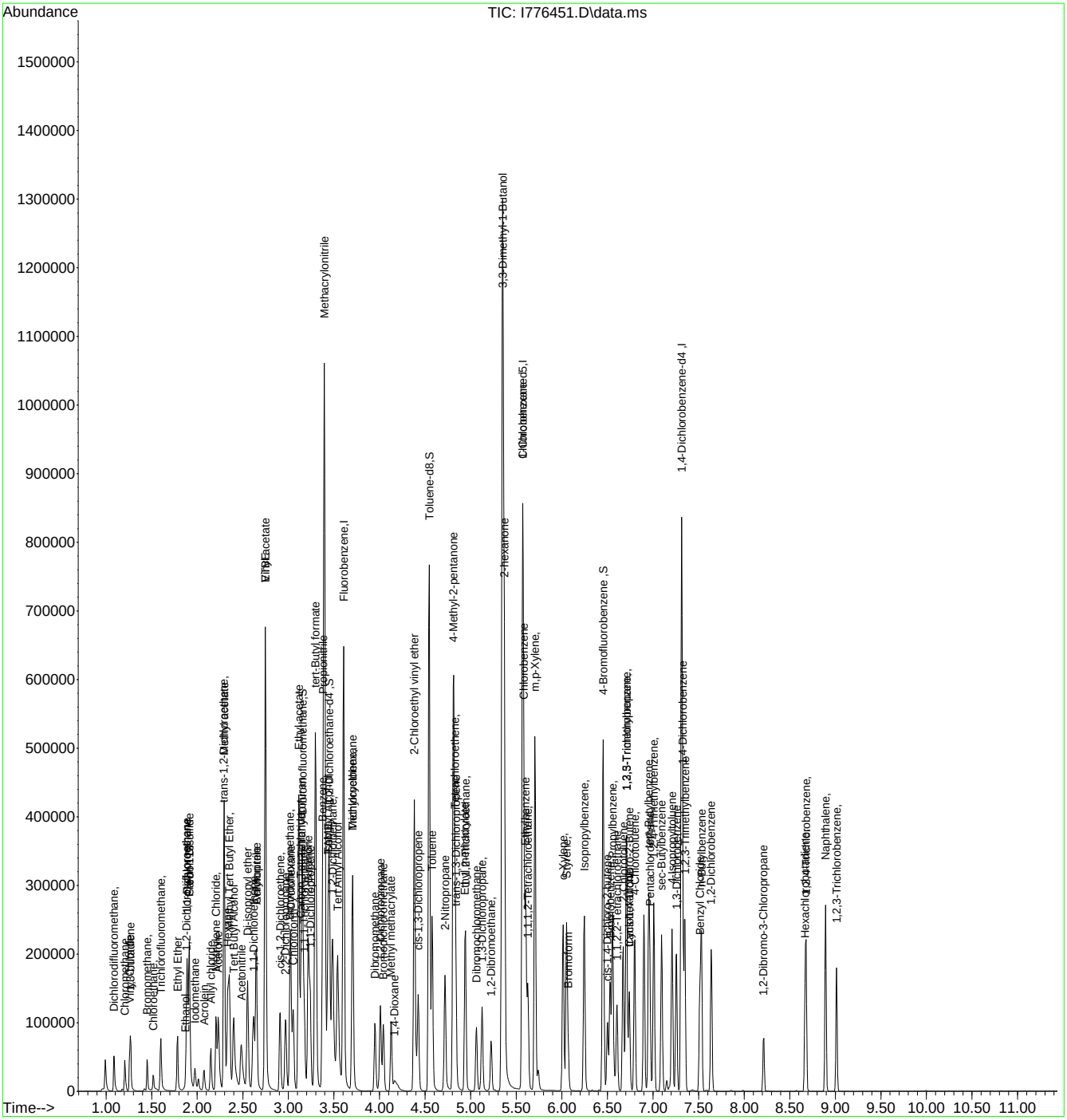
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.210	75	13719	20.80	ug/L	93
109) Hexachlorobutadiene	8.667	225	14153	23.69	ug/L	98
110) 1,2,4-Trichlorobenzene	8.679	180	39990	23.89	ug/L	99
111) Naphthalene	8.893	128	141306	23.21	ug/L	99
112) 1,2,3-Trichlorobenzene	9.015	180	37429	24.50	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:02:05 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Manual Integration Approval Summary

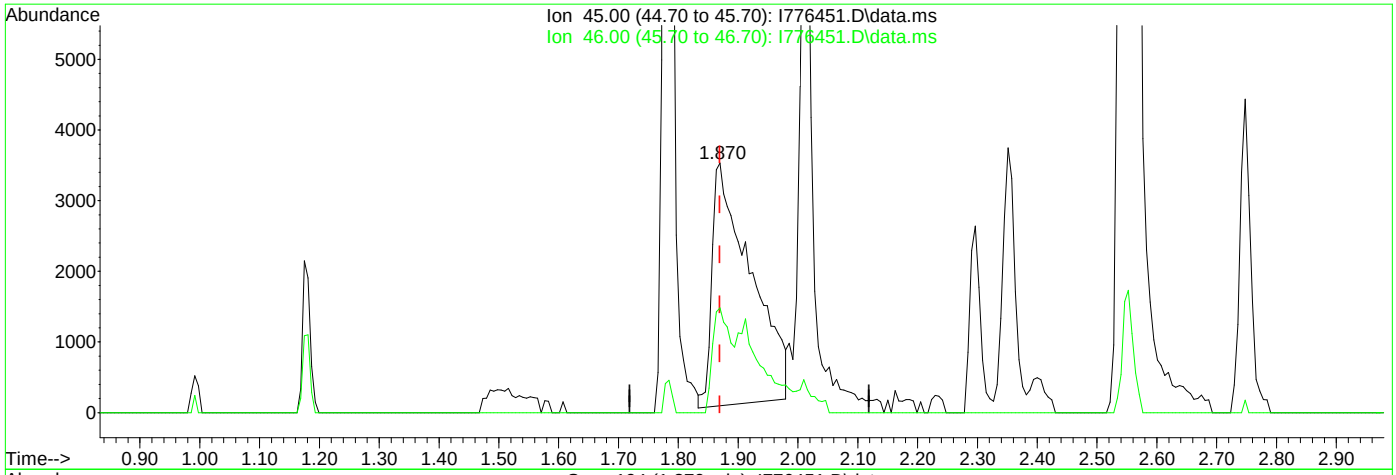
Sample Number: VI3773-BS
Lab FileID: I776451.D
Injection Time: 12/08/25 12:18
Method: SW846 8260D
Analyst approved: 12/08/25 13:05 David Way
Supervisor approved: 12/09/25 08:47 Karen Watson

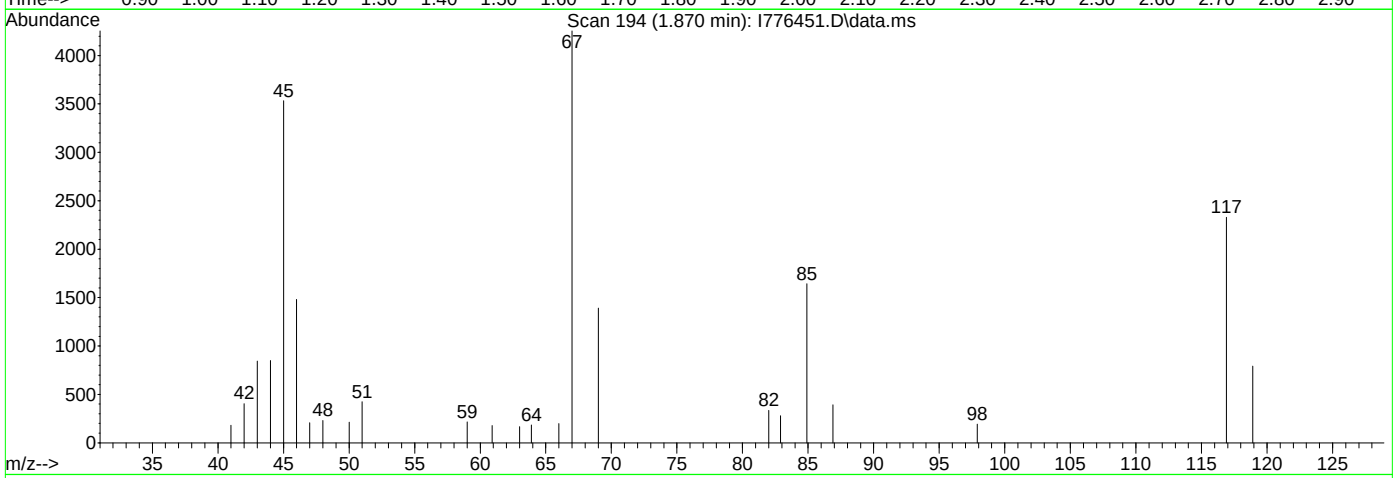
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.87	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.60	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(10) Ethanol

1.870min (+0.001) 354.54ug/L

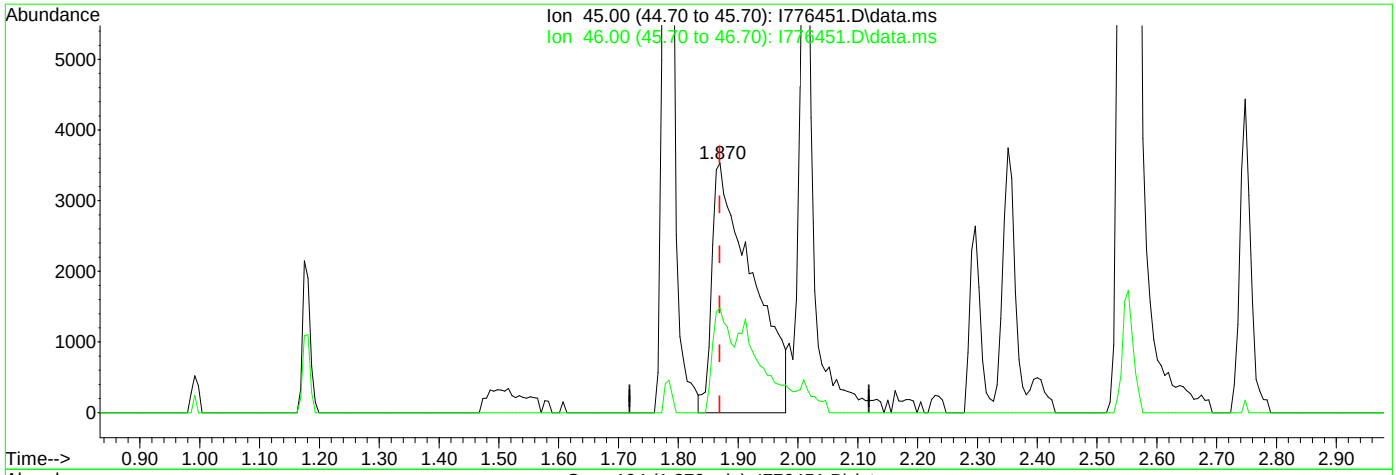
response 15374

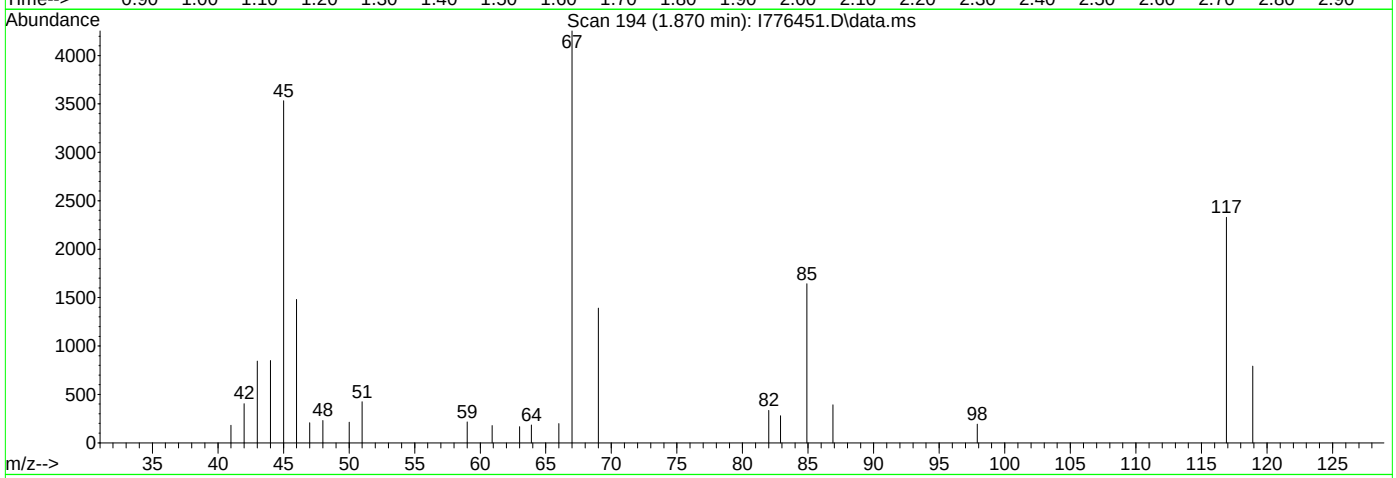
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	45.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(10) Ethanol

1.870min (+0.001) 389.30ug/L m

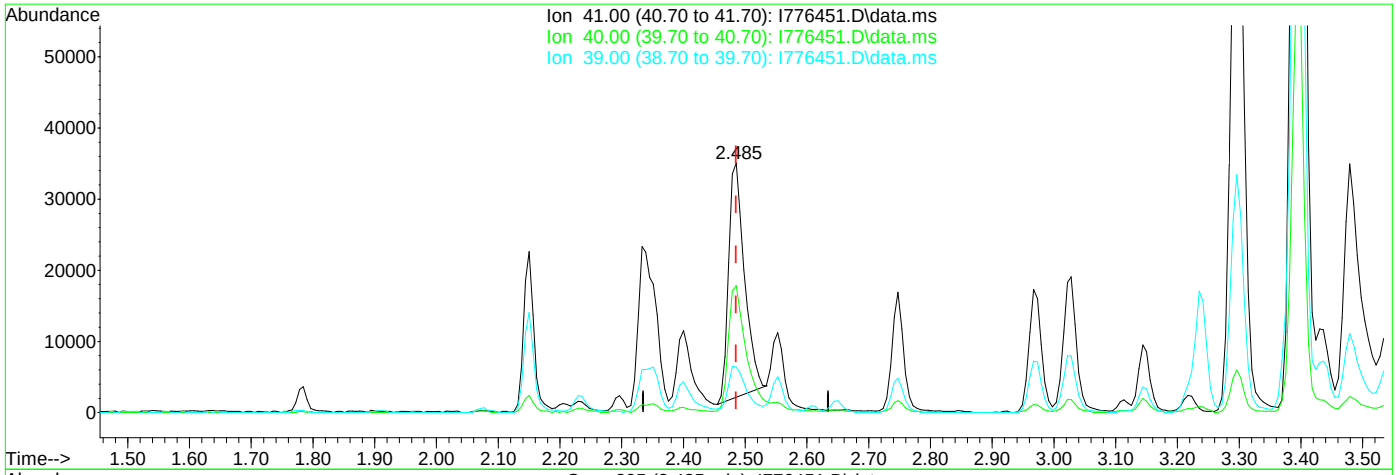
response 16511

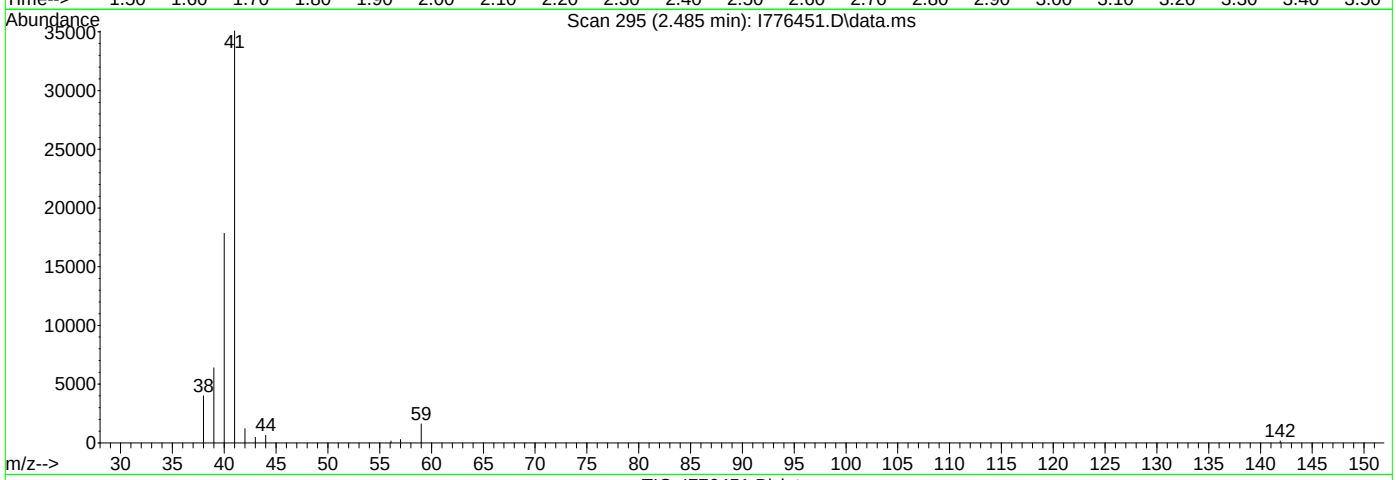
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	41.88
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 192.97ug/L

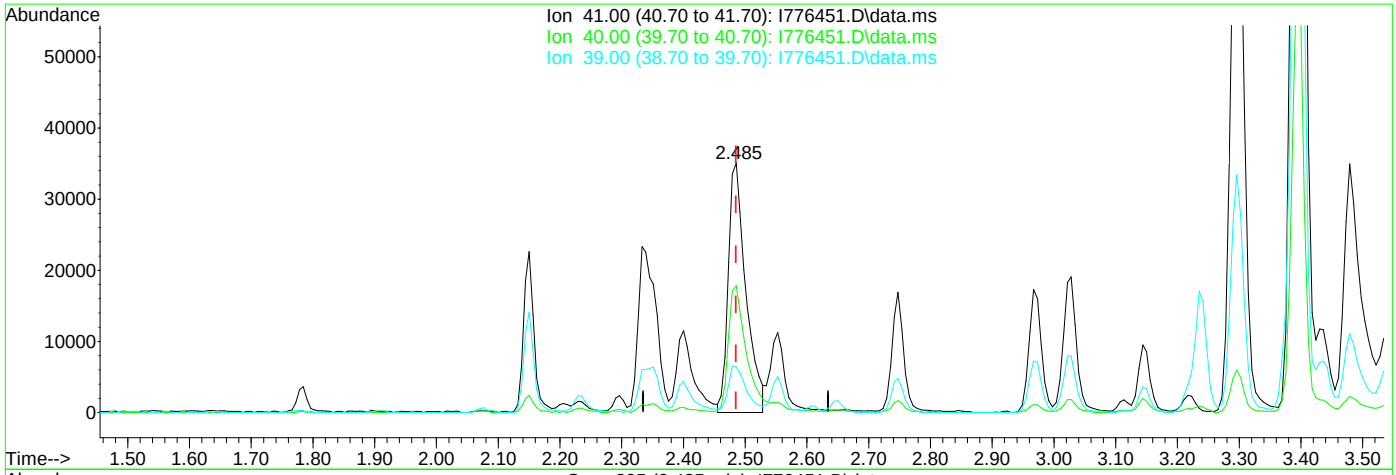
response 58976

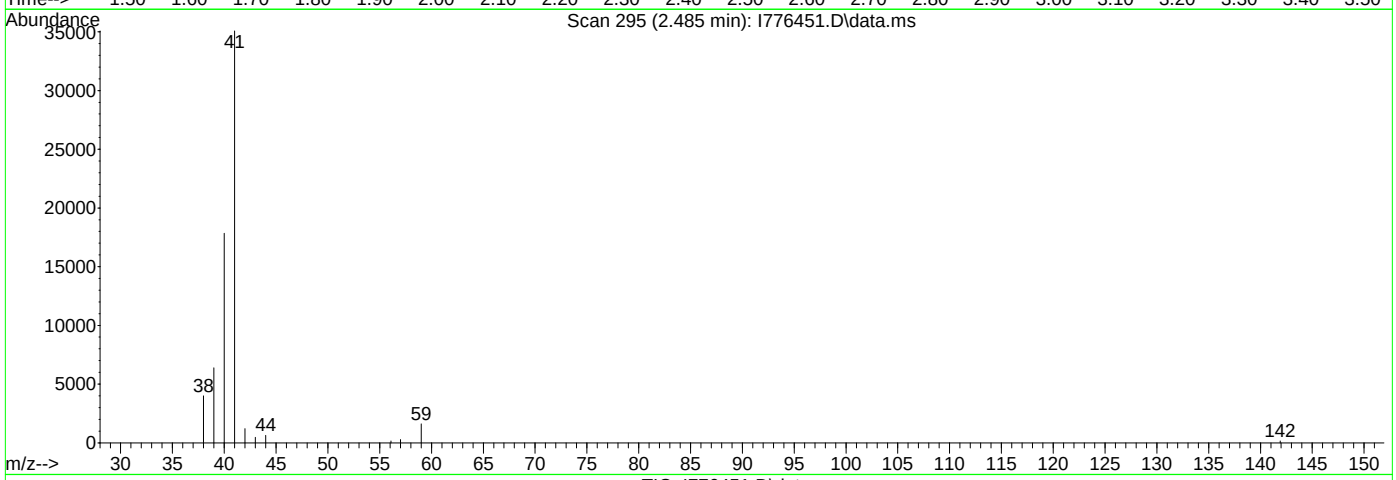
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.85
39.00	21.50	17.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 232.07ug/L m

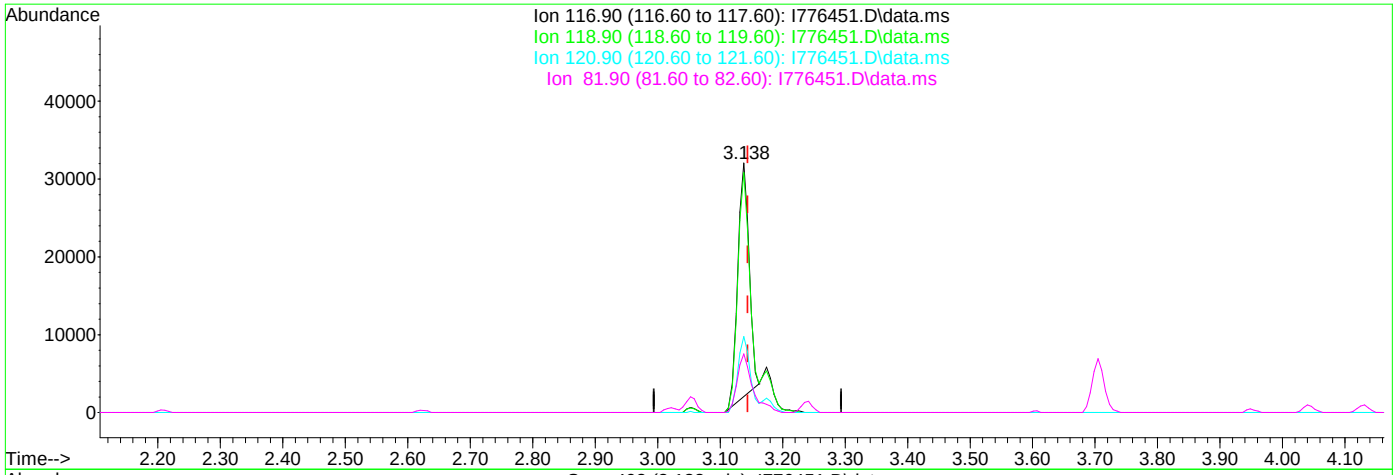
response 69336

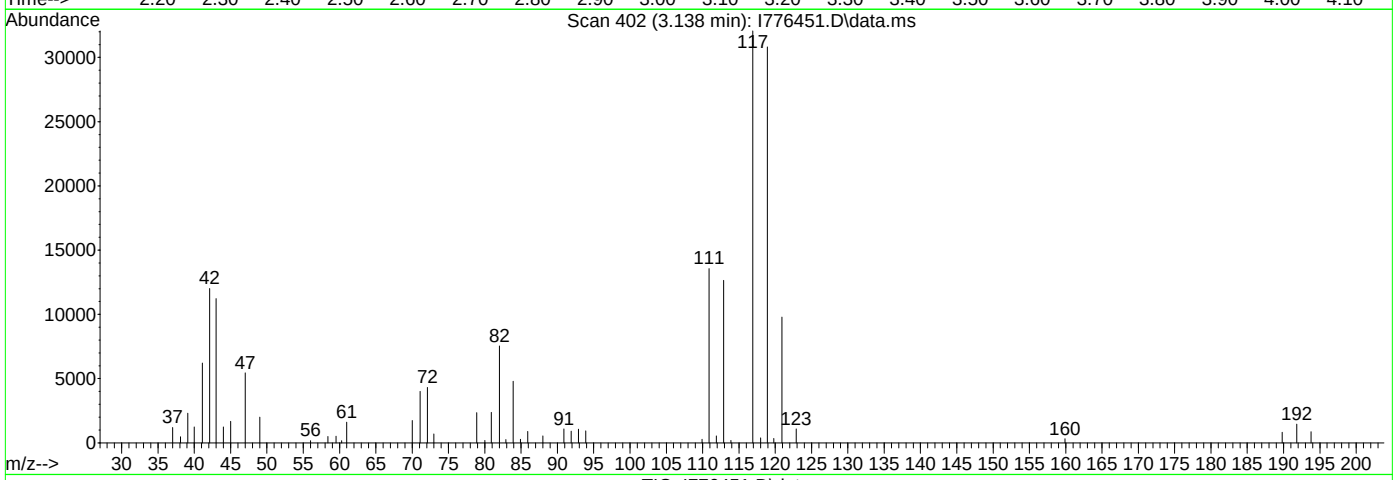
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	50.87
39.00	21.50	18.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 18.06ug/L

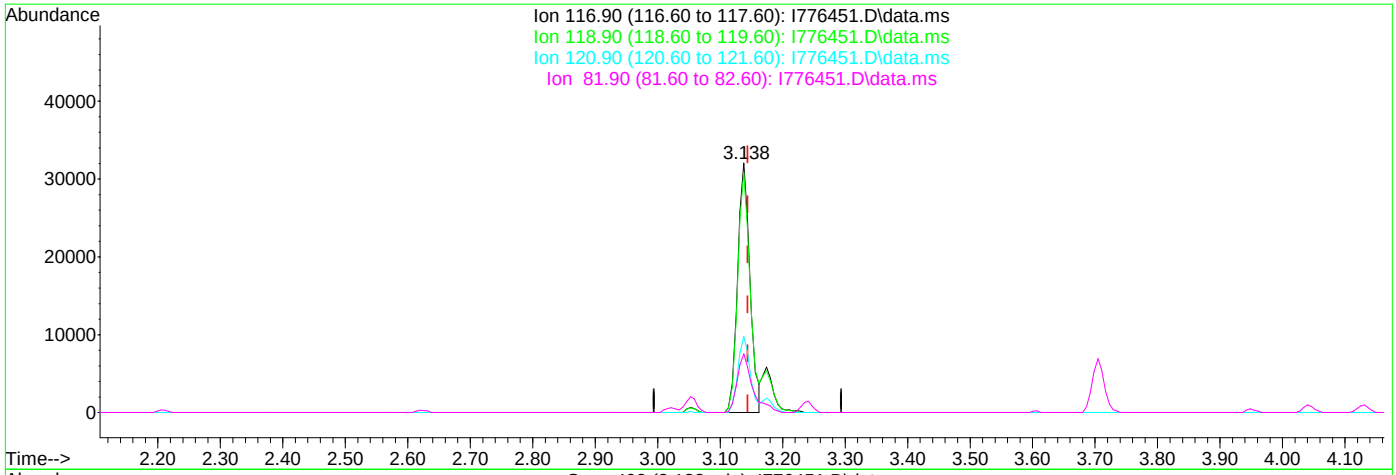
response 38314

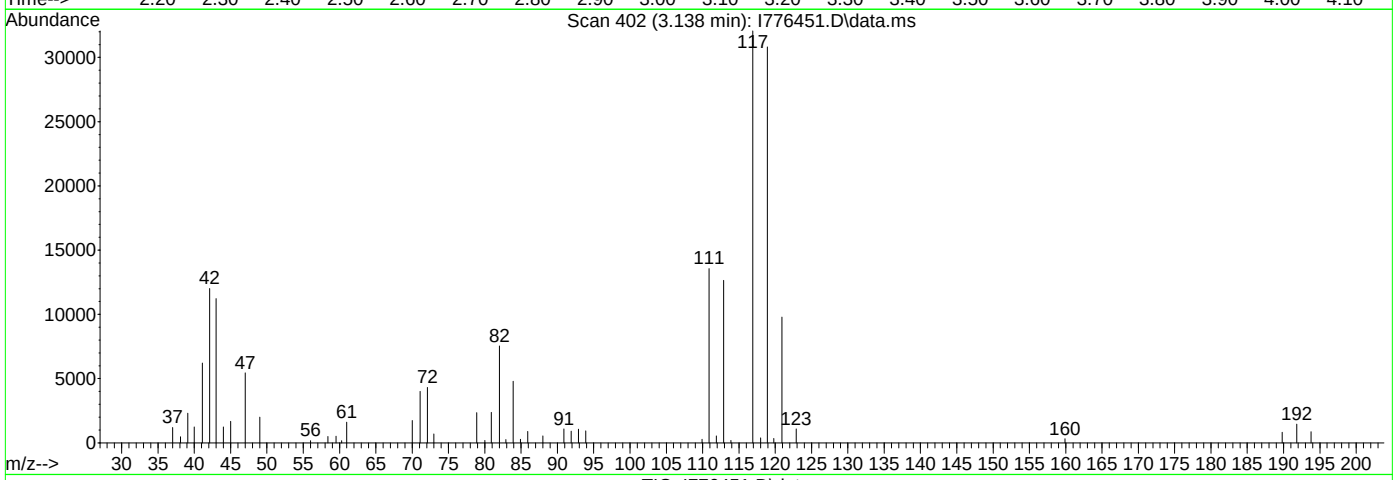
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	96.11
120.90	31.70	30.52
81.90	26.00	23.51

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 20.93ug/L m

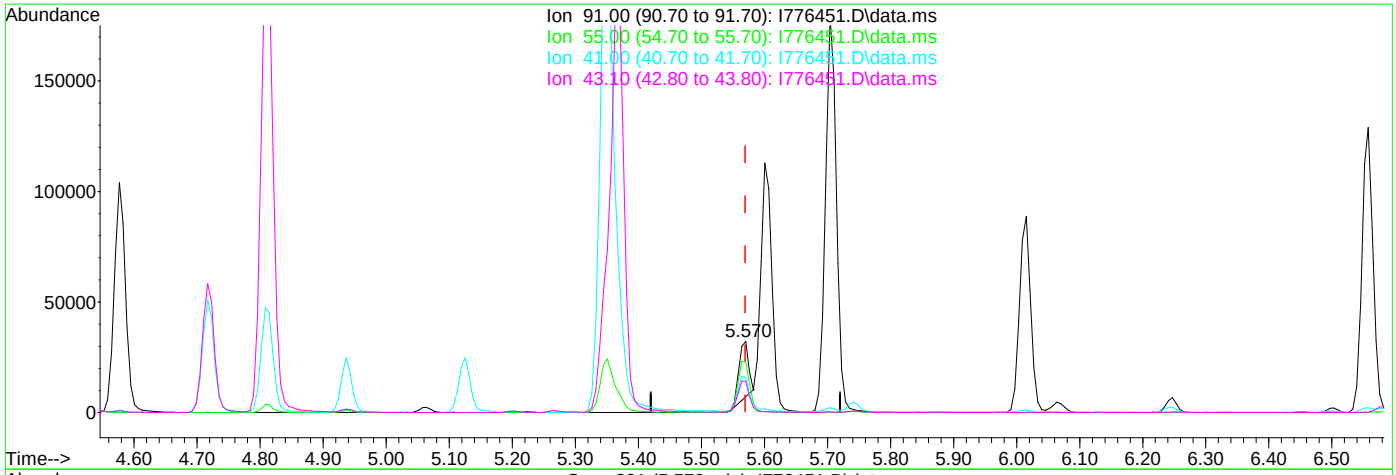
response 44404

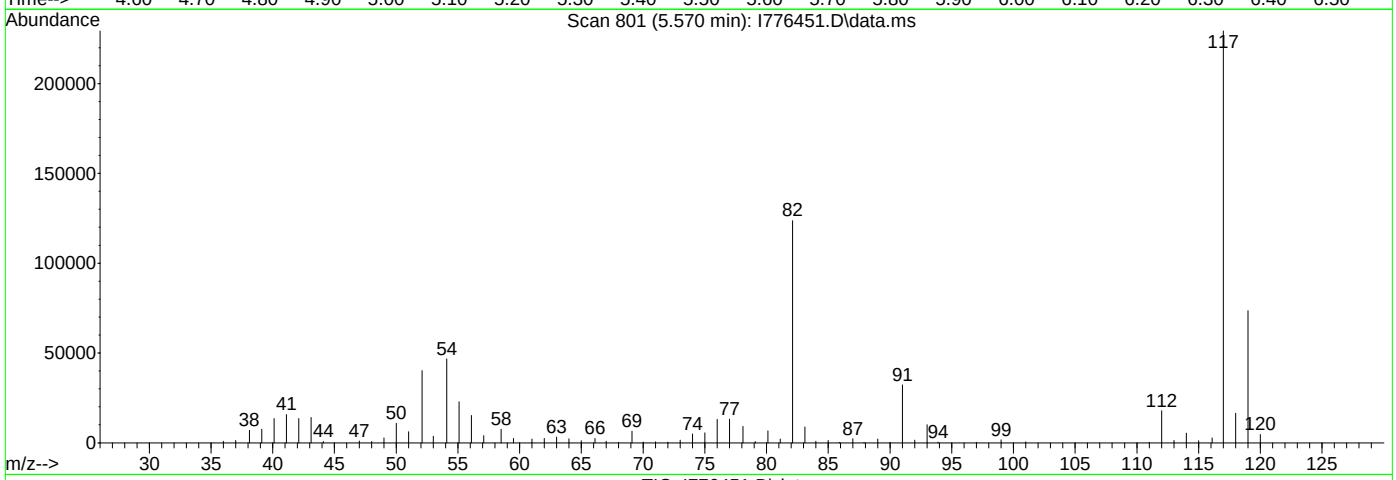
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	96.11
120.90	31.70	30.52
81.90	26.00	23.51

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 14.85ug/L

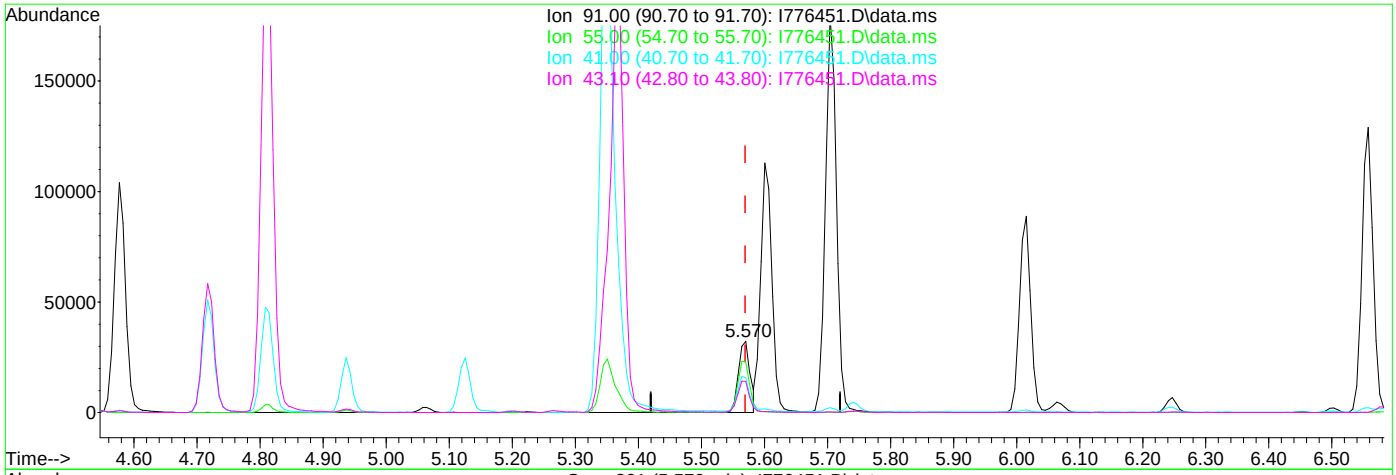
response 29109

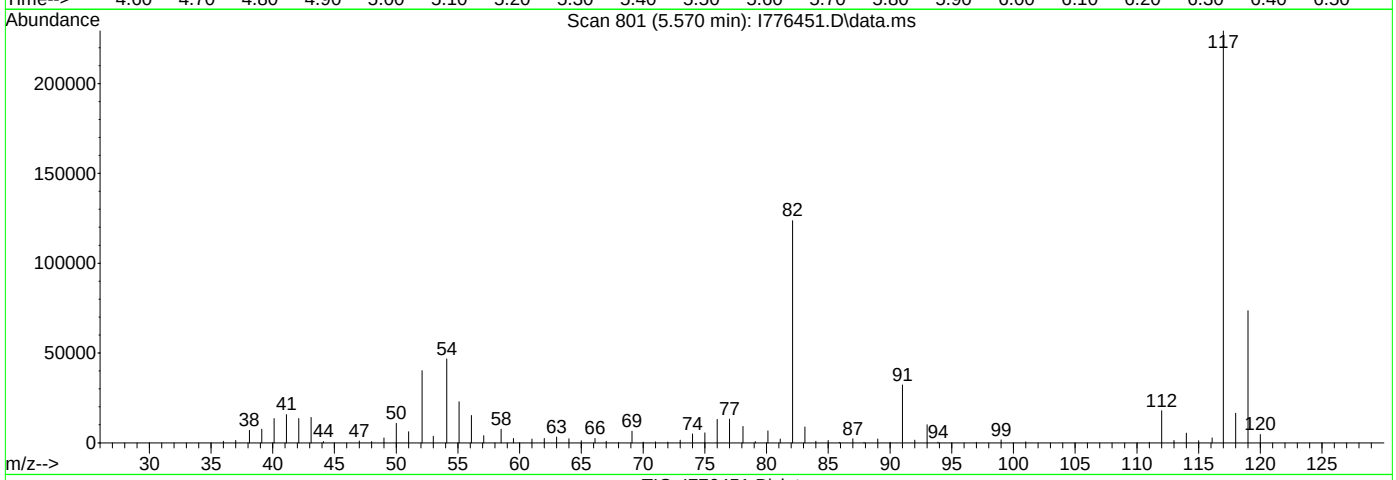
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	70.30
41.00	47.90	46.20
43.10	37.40	42.46

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 21.12ug/L m

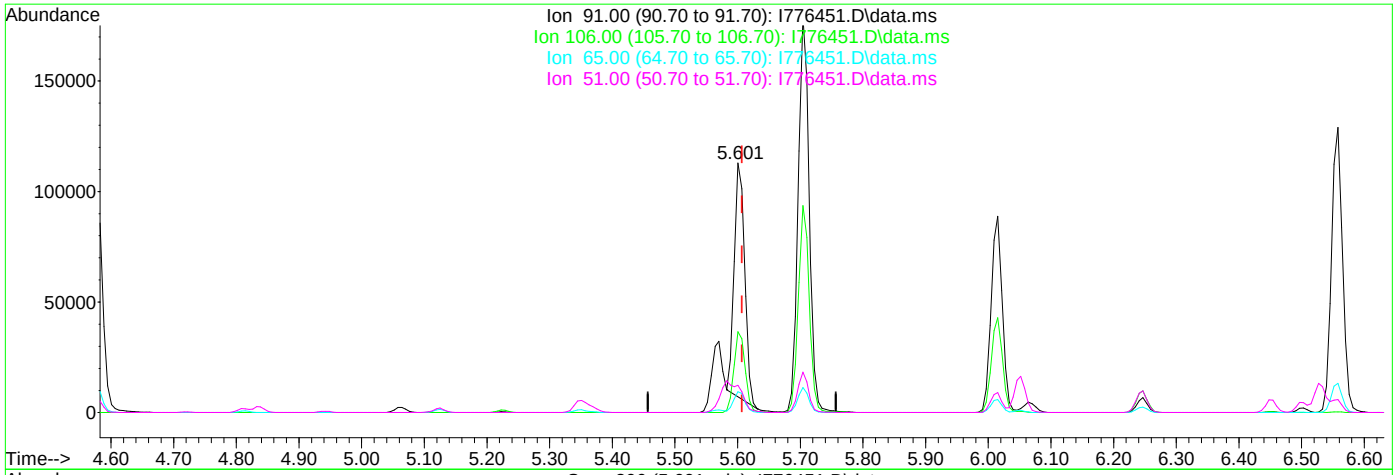
response 41409

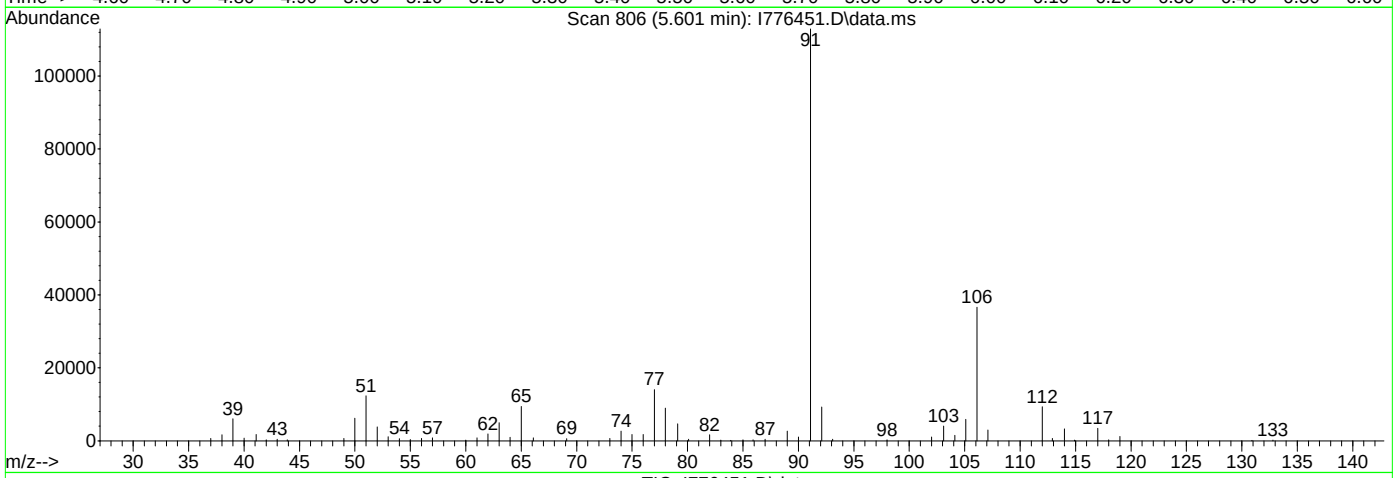
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	70.87
41.00	47.90	48.88
43.10	37.40	43.74

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(77) Ethylbenzene

5.601min (-0.006) 19.00ug/L

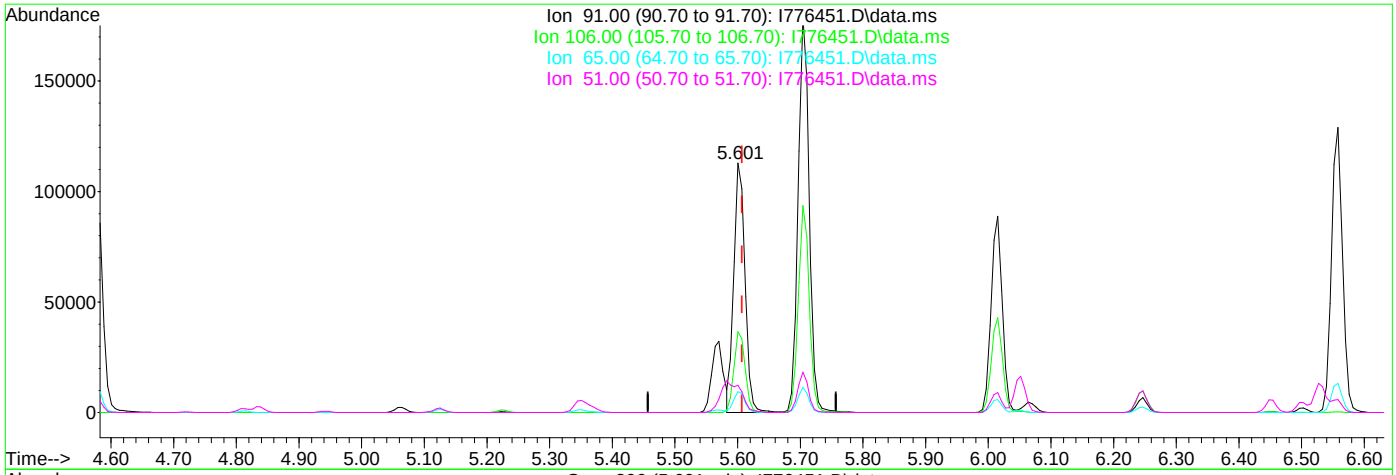
response 121973

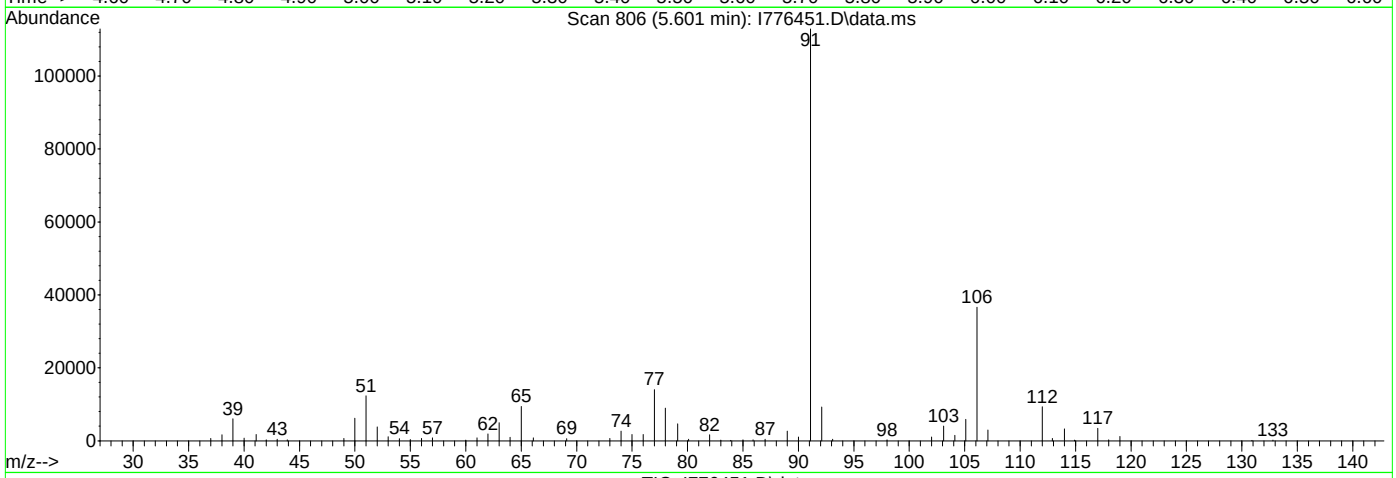
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.40
65.00	8.60	8.31
51.00	10.50	10.55

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776451.D
Acq On : 8 Dec 2025 12:18 pm
Operator : davidw
Sample : BS Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 08 13:01:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776451.D\data.ms

(77) Ethylbenzene

5.601min (-0.006) 21.91ug/L m

response 140639

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.40
65.00	8.60	8.37
51.00	10.50	10.92

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
12/09/25 08:47

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 05:41:12 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	372221	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	276574	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	148916	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	111121	49.74	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.48%			
49) 1,2-Dichloroethane-d4	3.455	65	118749	45.53	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 91.06%			
63) Toluene-d8	4.546	98	354454	49.06	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.12%			
86) 4-Bromofluorobenzene	6.454	174	111427	49.57	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	31832	16.8493	ug/L	98
3) Chloromethane	1.205	50	26305	16.6960	ug/L	99
4) 1,3-butadiene	1.266	39	15402	12.7093	ug/L	88
5) Vinyl Chloride	1.254	62	32091	19.1790	ug/L	97
6) Bromomethane	1.449	94	13060	19.3041	ug/L	98
7) Chloroethane	1.516	64	13437	32.4918	ug/L	97
8) Trichlorofluoromethane	1.601	101	44183	19.2098	ug/L	99
9) Ethyl Ether	1.784	59	27529	22.8525	ug/L	97
10) Ethanol	1.863	45	15597	380.2015	ug/L	98
11) 1,2-Dichlorotrifluoroe...	1.888	67	37606	36.3767	ug/L	98
12) 1,1-Dichloroethene	1.894	61	46166	22.2383	ug/L	99
13) Freon 113	1.912	101	33616	26.0332	ug/L	97
14) Carbon Disulfide	1.912	76	85505	22.4190	ug/L	90
15) Iodomethane	1.973	142	19005	16.5148	ug/L	98
16) Acrolein	2.077	56	17572	45.7631	ug/L	97
17) Allyl chloride	2.150	41	25678	14.6909	ug/L #	84
18) Methylene Chloride	2.205	49	40171	22.8998	ug/L	98
19) Acetone	2.235	43	84510	121.6186	ug/L	90
20) Methyl acetate	2.296	43	213715	115.1197	ug/L	99
21) trans-1,2-Dichloroethene	2.296	61	45793	22.3035	ug/L	98
22) Hexane	2.339	56	23417	21.4114	ug/L	90
23) Methyl Tert Butyl Ether	2.351	73	103628	23.3814	ug/L	92
24) Acetonitrile	2.485	41	65221m	226.2816	ug/L	
25) Tert Butyl Alcohol	2.400	59	134055	269.8997	ug/L	96
26) Di-isopropyl ether	2.552	45	96821	21.2059	ug/L	94
27) Chloroprene	2.650	53	121785	29.9405	ug/L	100
28) 1,1-Dichloroethane	2.625	63	58549	22.7354	ug/L	98
29) Acrylonitrile	2.650	52	95583	154.7613	ug/L	99
30) ETBE	2.747	59	107863	23.6392	ug/L	96
31) Vinyl acetate	2.753	43	465105	117.0400	ug/L	95
32) cis-1,2-Dichloroethene	2.912	96	34736	24.1775	ug/L	91
33) 2,2-Dichloropropane	2.973	77	47835	22.9986	ug/L	98
34) Bromochloromethane	3.022	128	19522	26.0442	ug/L	99
35) Cyclohexane	3.028	56	52460	23.5258	ug/L	92
36) Chloroform	3.058	83	63811	24.1450	ug/L	98
37) Ethyl acetate	3.113	43	308624	117.3393	ug/L	99
38) Tetrahydrofuran	3.150	42	21734	22.4164	ug/L	93
40) Carbon Tetrachloride	3.138	117	45545m	22.3193	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	51953	24.9583	ug/L	93
42) 2-Butanone	3.223	43	178988	132.3687	ug/L	97
43) 1,1-Dichloropropene	3.241	75	46742	26.9357	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 05:41:12 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) tert-Butyl formate	3.302	59	32484	18.8372	ug/L	88
45) Propionitrile	3.388	54	93220	242.4067	ug/L	94
46) Methacrylonitrile	3.400	41	300733	224.5890	ug/L	96
47) Benzene	3.381	78	131077	24.4228	ug/L	88
48) TAME	3.436	73	110637	25.0936	ug/L	93
50) 1,2-Dichloroethane	3.491	62	46742	23.0139	ug/L	97
51) Isobutyl Alcohol	3.436	43	28694	450.5172	ug/L	95
52) Tert Amyl Alcohol	3.540	59	95316	206.8823	ug/L	90
53) Trichloroethene	3.705	95	36181	24.2118	ug/L	97
54) Methylcyclohexane	3.711	83	47630	23.9062	ug/L	95
55) Dibromomethane	3.954	93	25343	24.9483	ug/L	91
56) 1,2-Dichloropropane	4.009	63	35448	24.8141	ug/L	96
57) Bromodichloromethane	4.046	83	44708	21.6558	ug/L	99
58) Methyl methacrylate	4.131	41	32347	18.6339	ug/L	91
59) 1,4-Dioxane	4.168	88	15130	433.9138	ug/L	92
61) cis-1,3-Dichloropropene	4.430	75	53512	22.6585	ug/L	96
64) Toluene	4.582	91	133931	23.9085	ug/L	99
65) 2-Nitropropane	4.723	41	60896	75.7772	ug/L	96
66) 4-Methyl-2-pentanone	4.814	43	298723	125.1507	ug/L	97
67) trans-1,3-Dichloropropene	4.838	75	52030	22.6174	ug/L	97
68) Tetrachloroethene	4.832	166	36166	23.8333	ug/L	98
69) Ethyl methacrylate	4.942	69	42628	20.3574	ug/L	88
70) 1,1,2-Trichloroethane	4.948	83	28678	24.5927	ug/L	94
71) Dibromochloromethane	5.064	129	38789	23.8059	ug/L	99
72) 1,3-Dichloropropane	5.131	76	56250	24.8970	ug/L	97
73) 1,2-Dibromoethane	5.229	107	38429	24.5222	ug/L	100
74) 3,3-Dimethyl-1-Butanol	5.351	57	491029	1047.6789	ug/L	95
75) 2-hexanone	5.369	43	314754	116.3831	ug/L	90
76) 1-Chlorohexane	5.570	91	44639m	23.4637	ug/L	
77) Ethylbenzene	5.607	91	141315m	22.6869	ug/L	
78) Chlorobenzene	5.588	112	93278	24.9436	ug/L	98
79) 1,1,1,2-Tetrachloroethane	5.631	131	33795	23.7241	ug/L	98
80) m,p-Xylene	5.710	91	223994	46.0938	ug/L	95
81) o-Xylene	6.015	91	108384	22.3164	ug/L	99
82) Styrene	6.052	104	88182	23.0387	ug/L	98
83) Bromoform	6.070	173	25851	22.0237	ug/L	98
84) Isopropylbenzene	6.247	105	139214	23.0420	ug/L	98
87) cis-1,4-Dichloro-2-butene	6.503	53	15455	18.0070	ug/L	94
88) n-Propylbenzene	6.558	91	161449	23.5678	ug/L	100
89) Bromobenzene	6.533	156	39670	25.0732	ug/L	100
90) 1,1,2,2-Tetrachloroethane	6.606	83	51842	25.2293	ug/L	99
91) 1,3,5-Trimethylbenzene	6.710	105	114011	22.8872	ug/L	100
92) 2-Chlorotoluene	6.673	91	90491	23.9455	ug/L	99
93) trans-1,4-Dichloro-2-B...	6.741	53	12312	18.7343	ug/L	86
94) 1,2,3-Trichloropropane	6.710	110	16595	23.7492	ug/L	95
95) Cyclohexanone	6.741	55	15706	103.2073	ug/L	93
96) 4-Chlorotoluene	6.801	91	101909	23.3591	ug/L	99
97) tert-Butylbenzene	6.954	91	59195	22.2871	ug/L	97
98) 1,2,4-Trimethylbenzene	7.015	105	120700	24.6789	ug/L	98
99) Pentachloroethane	6.972	167	20344	22.6365	ug/L	89
100) sec-Butylbenzene	7.100	105	127031	22.2224	ug/L	98
101) 4-Isopropyltoluene	7.210	119	113115	22.9648	ug/L	97
102) 1,3-Dichlorobenzene	7.259	146	71306	25.1786	ug/L	97
103) 1,2,3-Trimethylbenzene	7.350	105	117047	23.0982	ug/L	99
104) 1,4-Dichlorobenzene	7.326	146	73256	25.4239	ug/L	95
105) n-Butylbenzene	7.533	92	58008	22.3350	ug/L	88
106) Benzyl Chloride	7.515	126	15033	15.7862	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 05:41:12 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

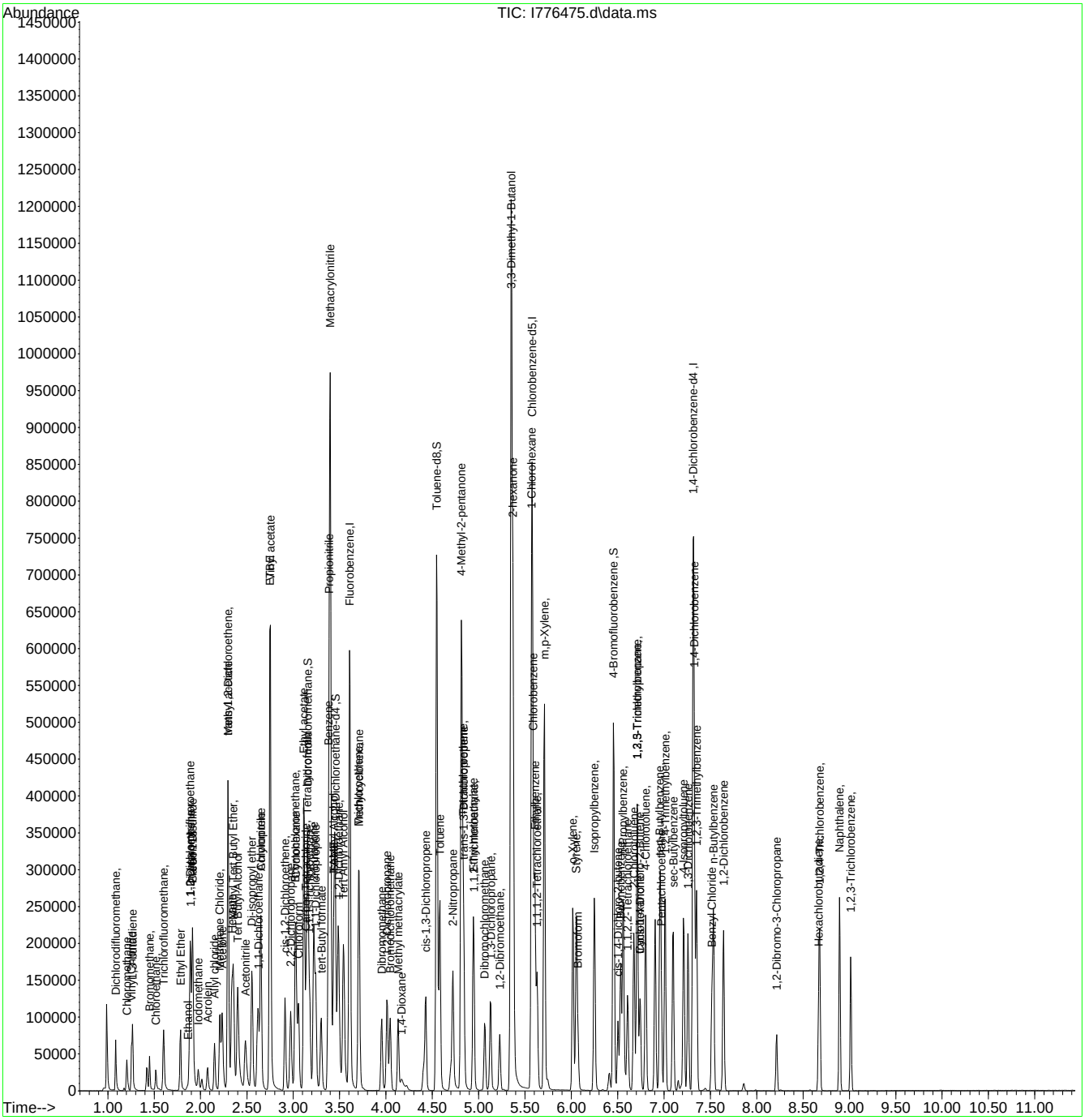
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dichlorobenzene	7.643	146	68073	25.2147	ug/L	98
108) 1,2-Dibromo-3-Chloropr...	8.216	75	13162	20.8199	ug/L	90
109) Hexachlorobutadiene	8.667	225	13010	22.6579	ug/L	98
110) 1,2,4-Trichlorobenzene	8.679	180	38923	24.2609	ug/L	98
111) Naphthalene	8.893	128	133028	22.8047	ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	37325	25.4936	ug/L	96

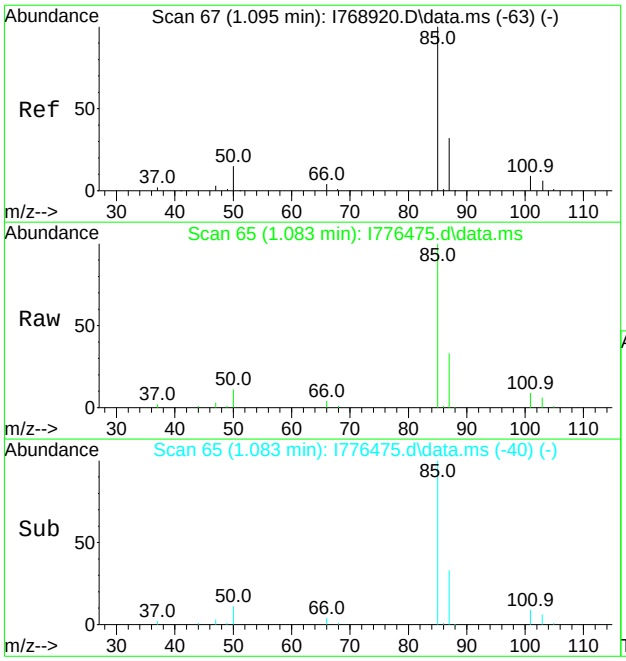
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 05:41:12 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

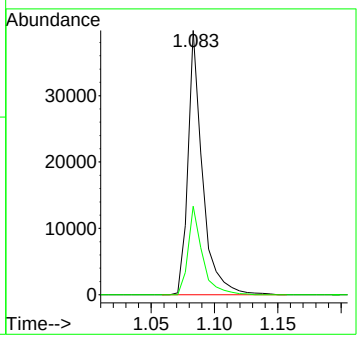


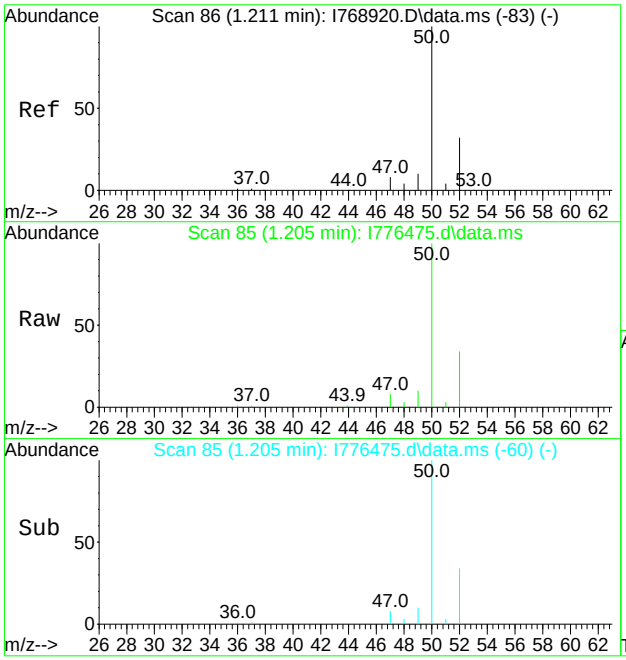


#2
Dichlorodifluoromethane
Concen: 16.8493 ug/L
RT: 1.083 min Scan# 65
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 85 Resp: 31832

Ion	Ratio	Lower	Upper
85	100		
87	33.5	2.1	62.1

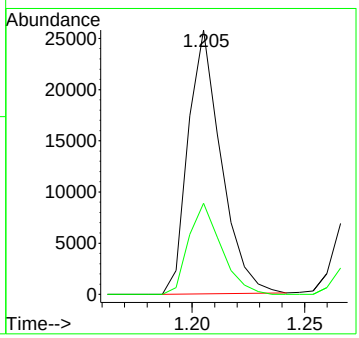


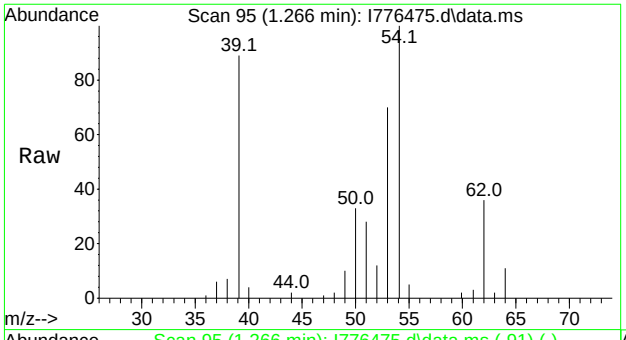


#3
Chloromethane
Concen: 16.6960 ug/L
RT: 1.205 min Scan# 85
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 50 Resp: 26305

Ion	Ratio	Lower	Upper
50	100		
52	34.5	3.8	63.8

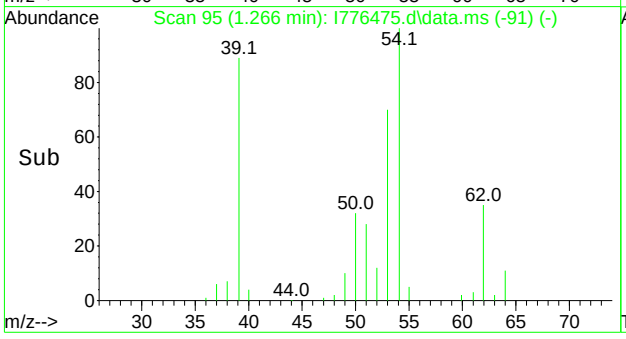


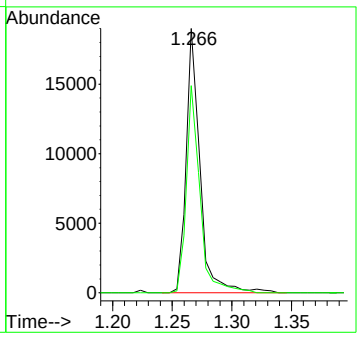


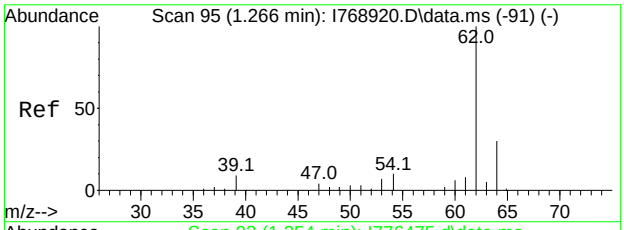
#4
1,3-butadiene
Concen: 12.7093 ug/L
RT: 1.266 min Scan# 95
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

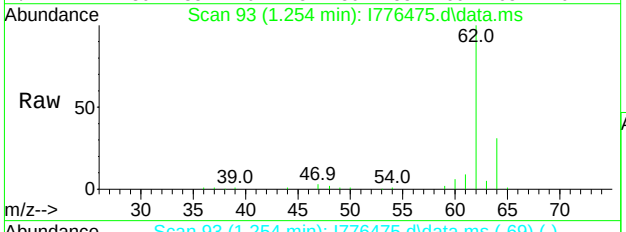
Tgt Ion: 39 Resp: 15402

Ion	Ratio	Lower	Upper
39	100		
53	78.3	48.6	88.6





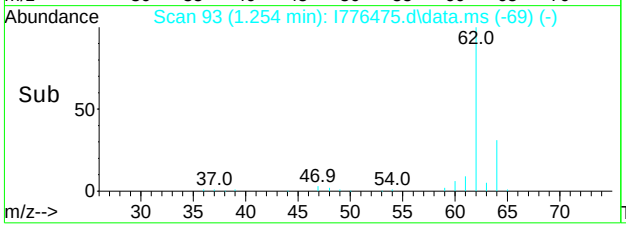


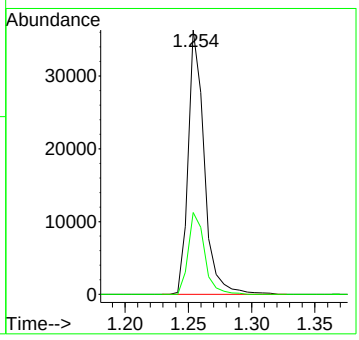


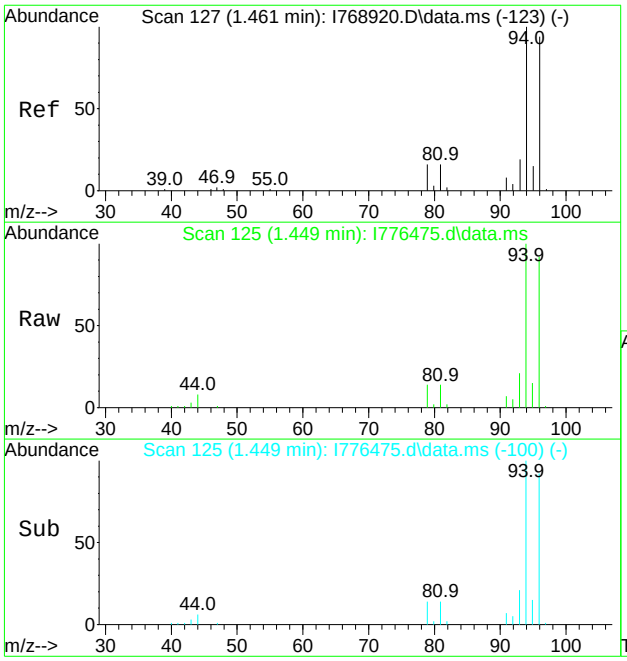
#5
Vinyl Chloride
Concen: 19.1790 ug/L
RT: 1.254 min Scan# 93
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 62 Resp: 32091

Ion	Ratio	Lower	Upper
62	100		
64	31.0	2.5	62.5



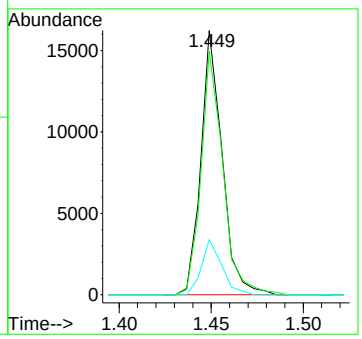


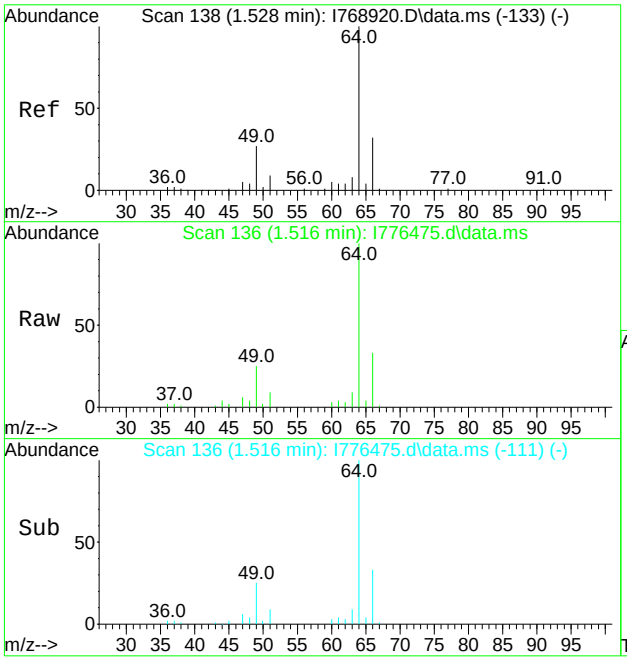


#6
Bromomethane
Concen: 19.3041 ug/L
RT: 1.449 min Scan# 125
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 94 Resp: 13060

Ion	Ratio	Lower	Upper
94	100		
96	92.1	64.3	124.3
93	20.9	0.0	50.4

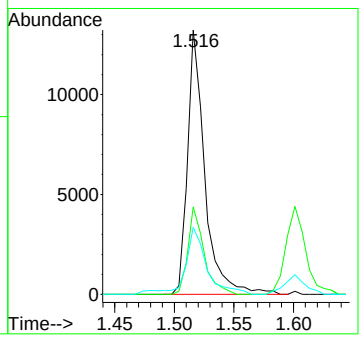


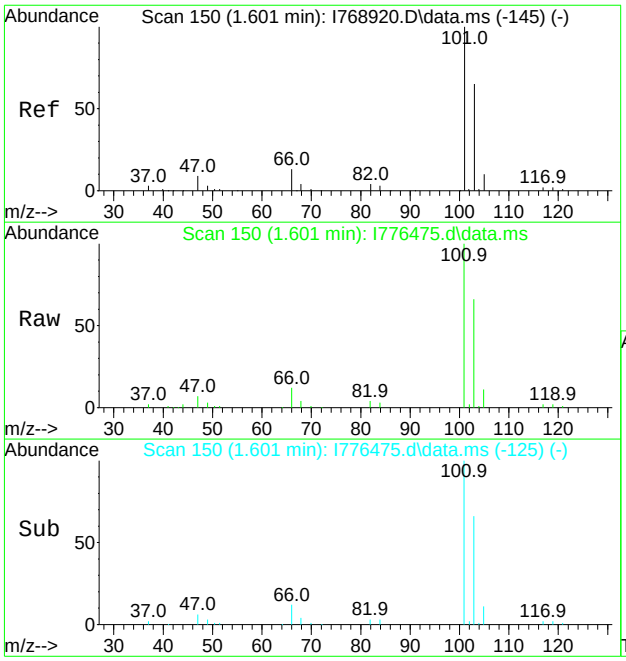


#7
Chloroethane
Concen: 32.4918 ug/L
RT: 1.516 min Scan# 136
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 64 Resp: 13437

Ion	Ratio	Lower	Upper
64	100		
66	33.1	4.7	64.7
49	23.8	0.0	54.9

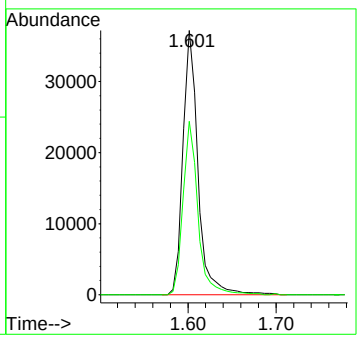


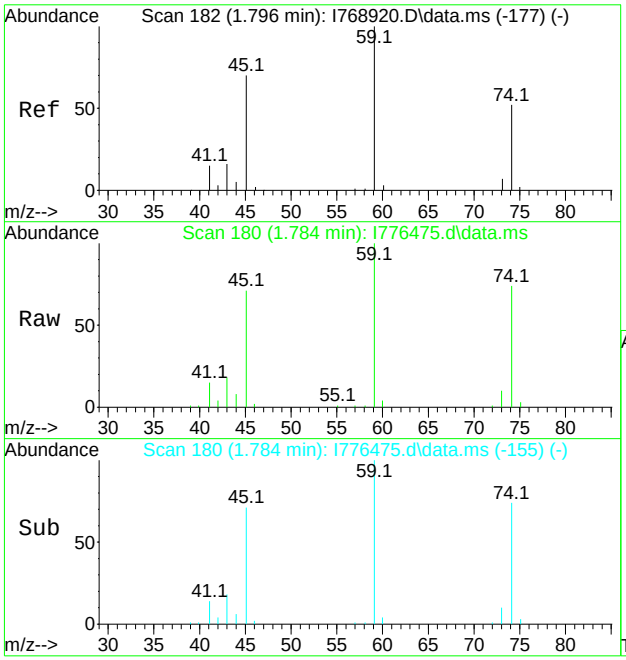


#8
Trichlorofluoromethane
Concen: 19.2098 ug/L
RT: 1.601 min Scan# 150
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:101 Resp: 44183

Ion	Ratio	Lower	Upper
101	100		
103	65.6	34.9	94.9

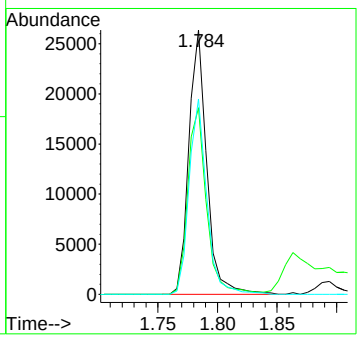


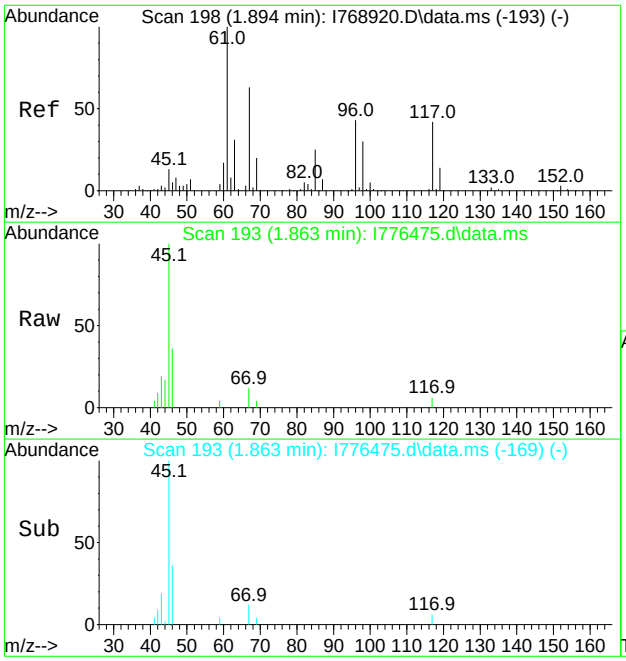


#9
Ethyl Ether
Concen: 22.8525 ug/L
RT: 1.784 min Scan# 180
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 59 Resp: 27529

Ion	Ratio	Lower	Upper
59	100		
45	70.6	52.6	92.6
74	73.9	57.4	97.4

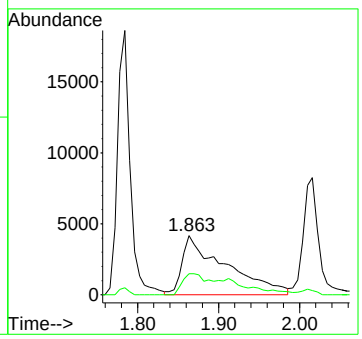


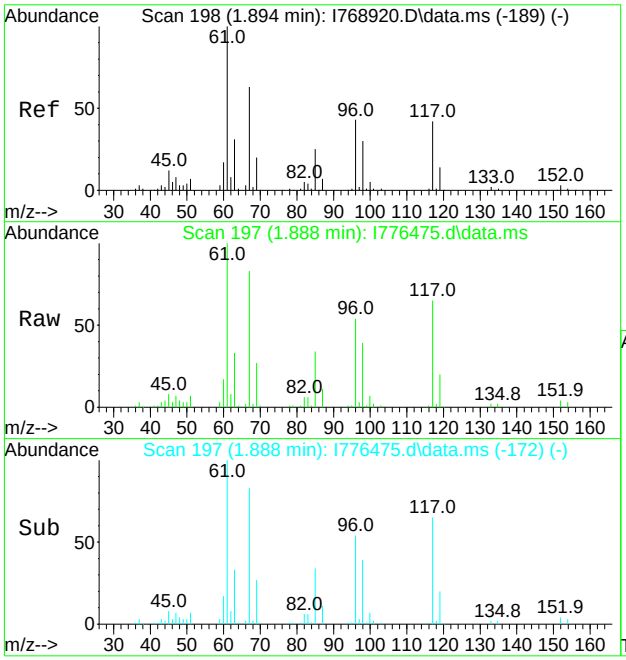


#10
Ethanol
Concen: 380.2015 ug/L
RT: 1.863 min Scan# 193
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 45 Resp: 15597

Ion	Ratio	Lower	Upper
45	100		
46	37.9	19.3	59.3

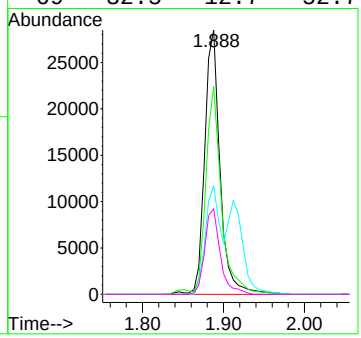


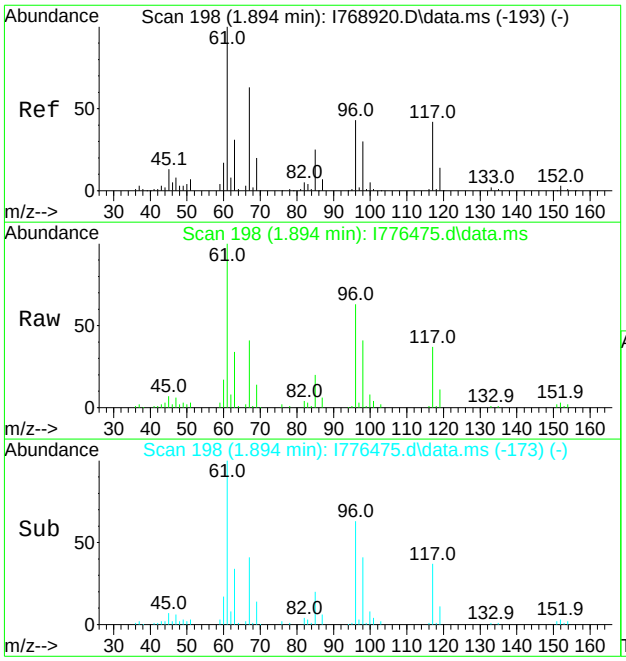


#11
1,2-Dichlorotrifluoroethane
Concen: 36.3767 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 67 Resp: 37606

Ion	Ratio	Lower	Upper
67	100		
117	78.6	56.8	96.8
85	41.0	22.7	62.7
69	32.5	12.7	52.7

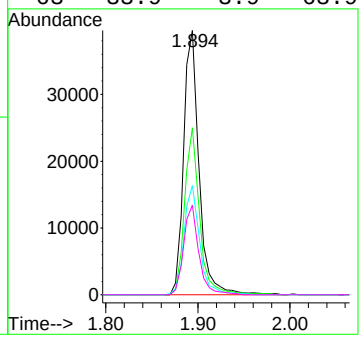


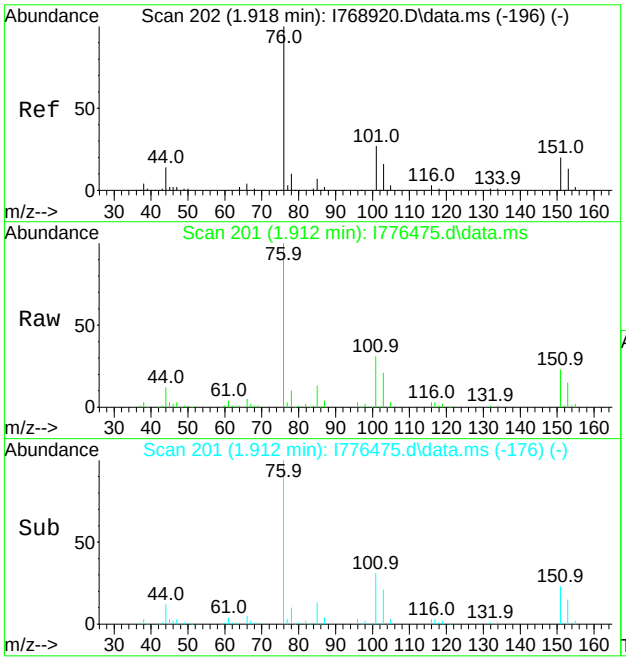


#12
1,1-Dichloroethene
Concen: 22.2383 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 61 Resp: 46166

Ion	Ratio	Lower	Upper
61	100		
96	63.1	32.7	92.7
98	41.4	12.1	72.1
63	33.9	3.9	63.9

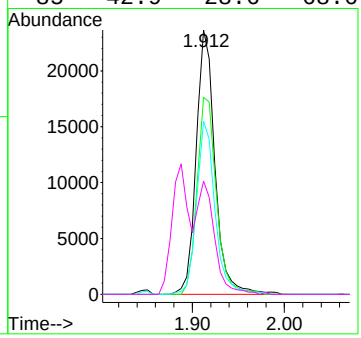


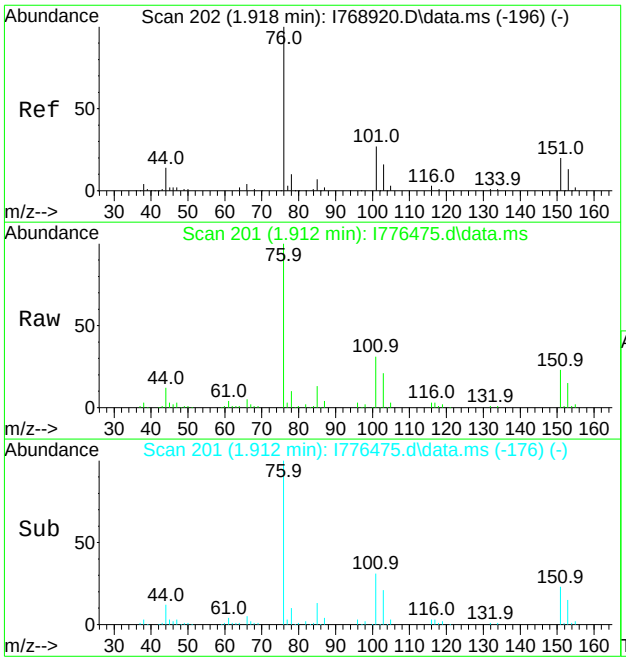


#13
Freon 113
Concen: 26.0332 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:101 Resp: 33616

Ion	Ratio	Lower	Upper
101	100		
151	74.5	54.6	94.6
103	65.5	44.5	84.5
85	42.9	28.6	68.6

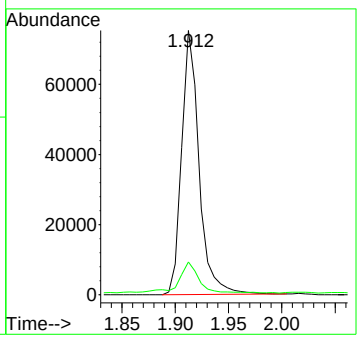


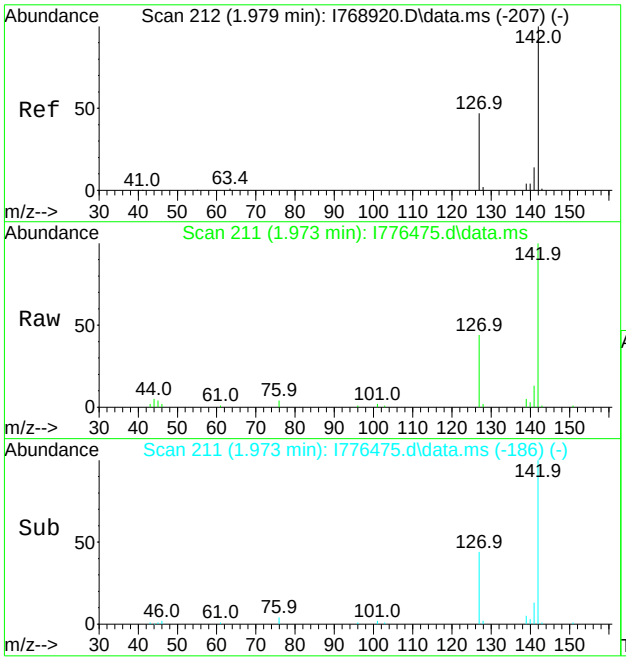


#14
Carbon Disulfide
Concen: 22.4190 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 76 Resp: 85505

Ion	Ratio	Lower	Upper
76	100		
44	11.6	0.0	45.7

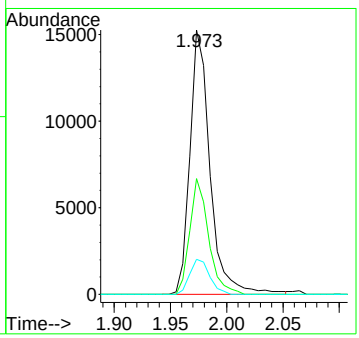


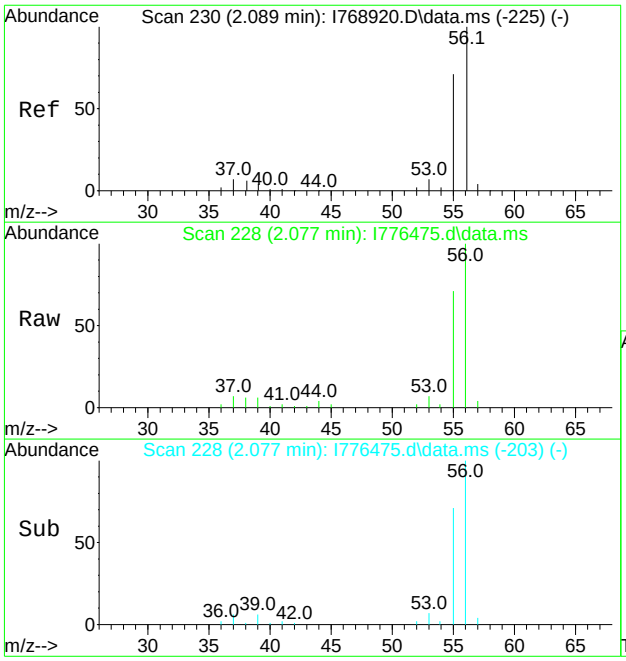


#15
Iodomethane
Concen: 16.5148 ug/L
RT: 1.973 min Scan# 211
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:142 Resp: 19005

Ion	Ratio	Lower	Upper
142	100		
127	43.7	25.1	65.1
141	13.2	0.0	34.3

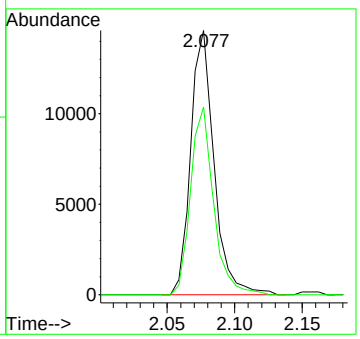


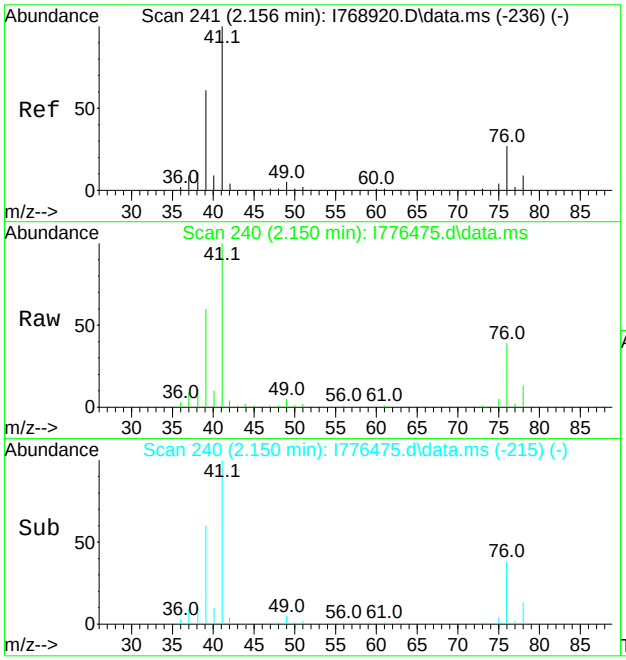


#16
Acrolein
Concen: 45.7631 ug/L
RT: 2.077 min Scan# 228
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 56 Resp: 17572

Ion	Ratio	Lower	Upper
56	100		
55	71.1	43.4	103.4

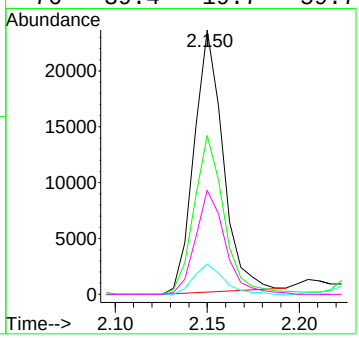


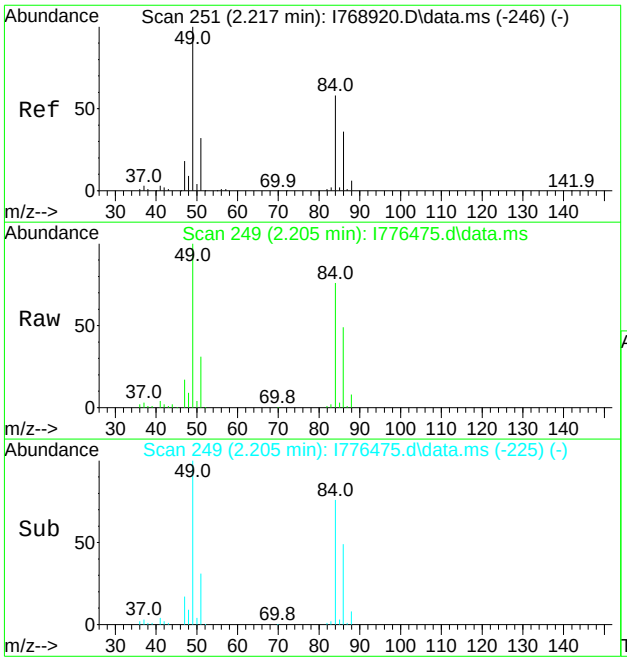


#17
Allyl chloride
Concen: 14.6909 ug/L
RT: 2.150 min Scan# 240
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 41 Resp: 25678

Ion	Ratio	Lower	Upper
41	100		
39	60.1	61.4	101.4#
38	11.5	0.0	38.2
76	39.4	19.7	59.7

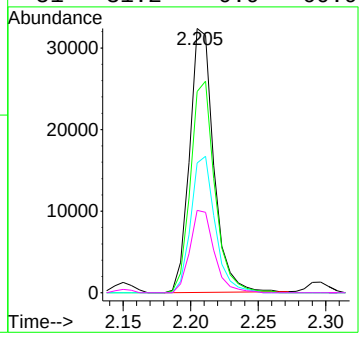


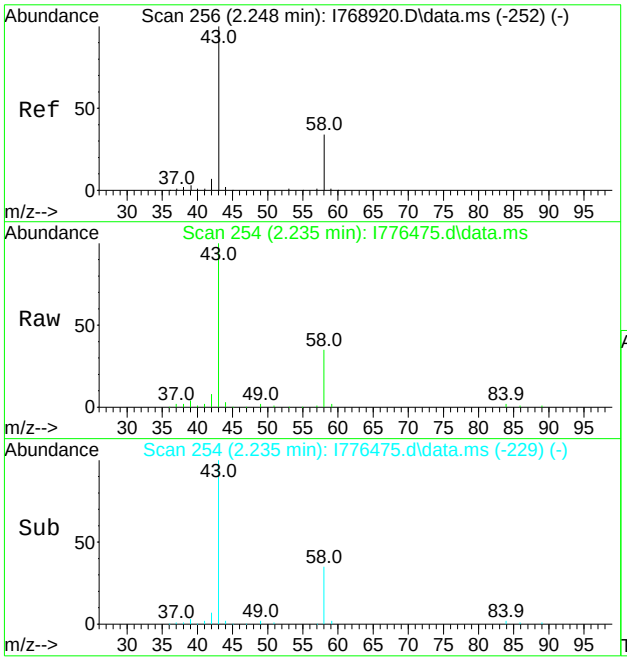


#18
Methylene Chloride
Concen: 22.8998 ug/L
RT: 2.205 min Scan# 249
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 49 Resp: 40171

Ion	Ratio	Lower	Upper
49	100		
84	76.1	48.3	108.3
86	49.0	21.3	81.3
51	31.2	0.9	60.9

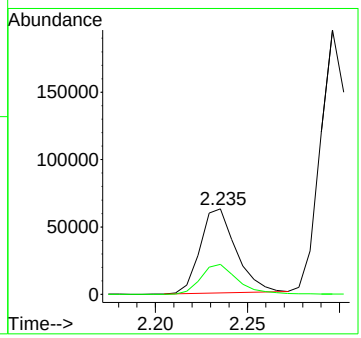


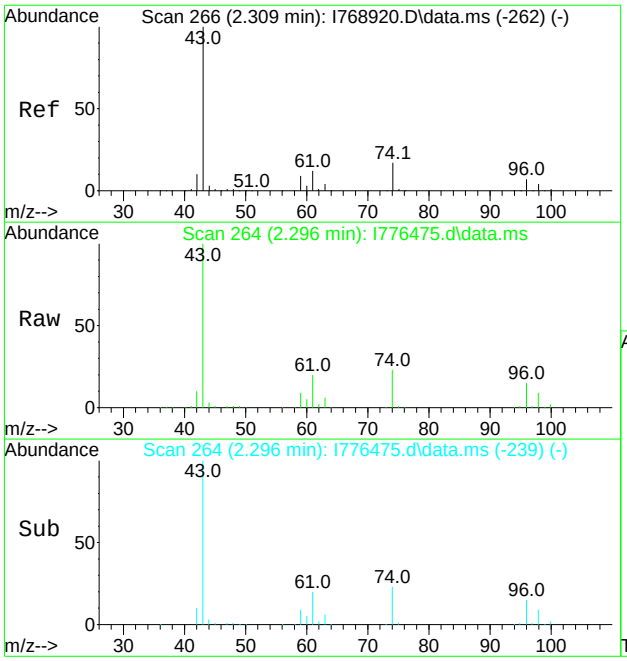


#19
Acetone
Concen: 121.6186 ug/L
RT: 2.235 min Scan# 254
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 84510

Ion	Ratio	Lower	Upper
43	100		
58	35.2	0.0	60.0

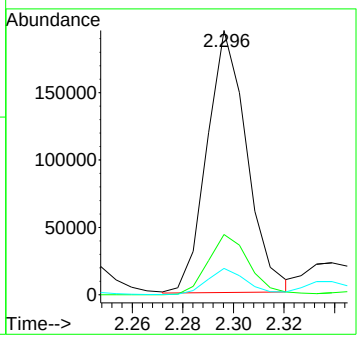


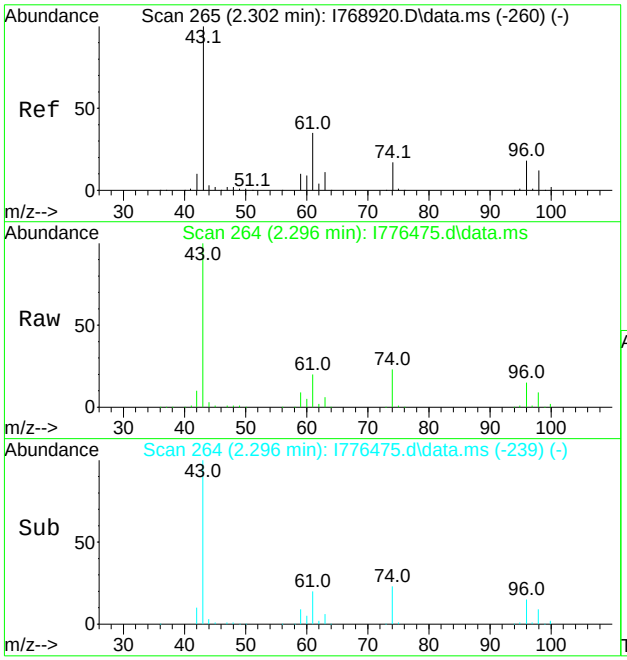


#20
Methyl acetate
Concen: 115.1197 ug/L
RT: 2.296 min Scan# 264
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 213715

Ion	Ratio	Lower	Upper
43	100		
74	23.0	3.4	43.4
42	10.0	0.0	31.1

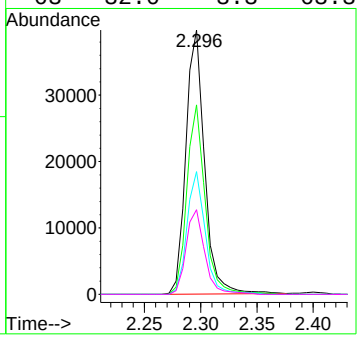


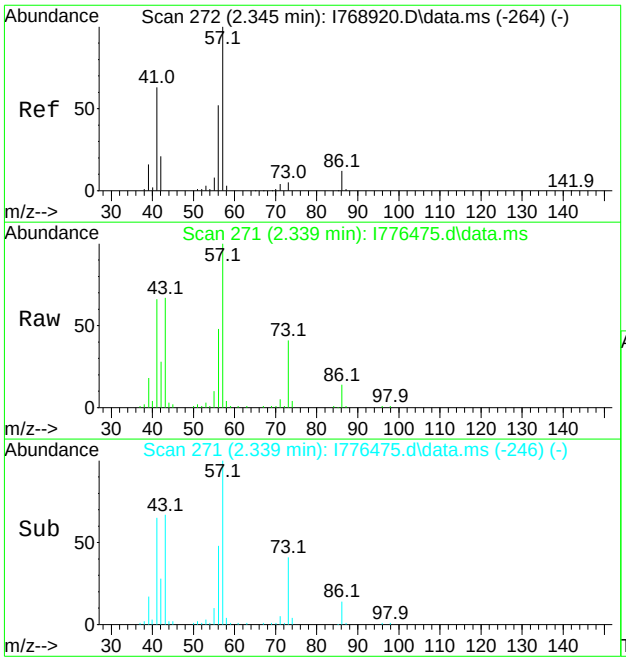


#21
trans-1,2-Dichloroethene
Concen: 22.3035 ug/L
RT: 2.296 min Scan# 264
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 61 Resp: 45793

Ion	Ratio	Lower	Upper
61	100		
96	71.7	40.1	100.1
98	46.4	15.3	75.3
63	32.0	3.3	63.3

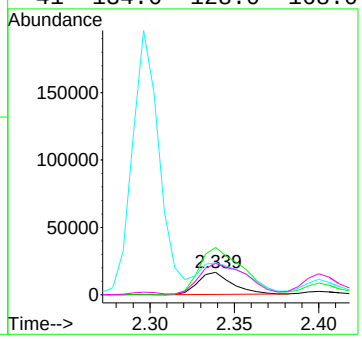


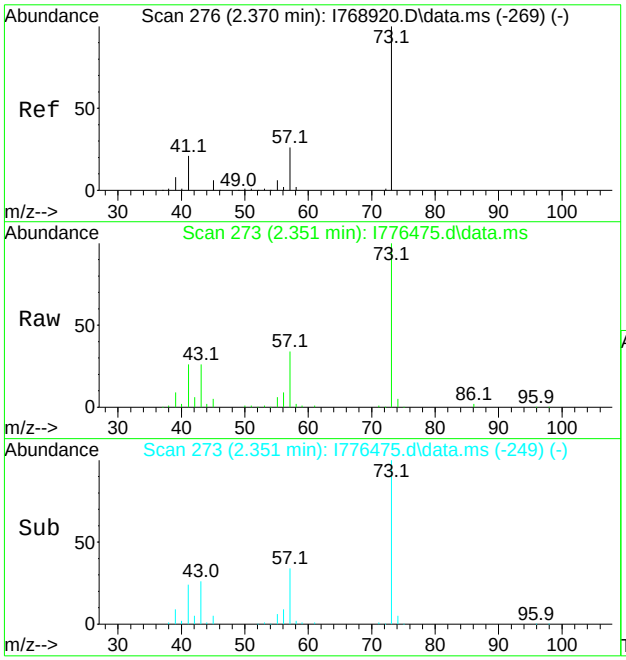


#22
Hexane
Concen: 21.4114 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 56 Resp: 23417

Ion	Ratio	Lower	Upper
56	100		
57	210.1	172.0	212.0
43	125.4	111.8	151.8
41	134.6	128.0	168.0

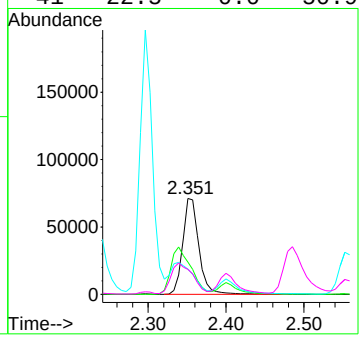


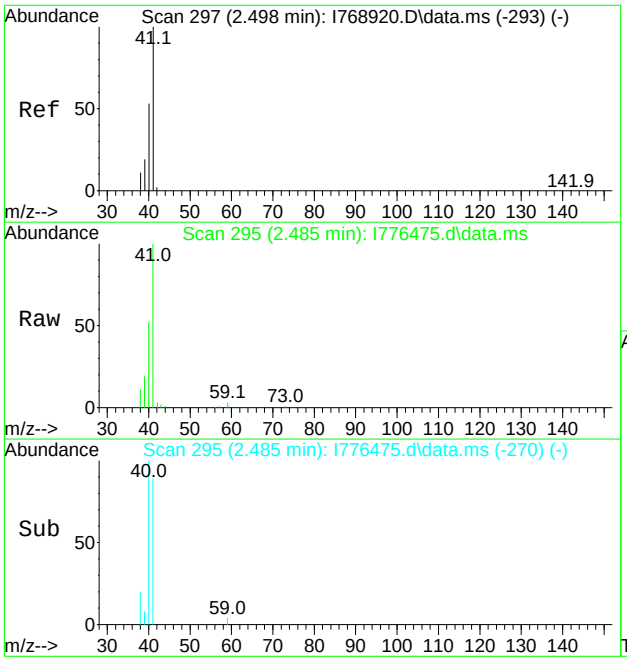


#23
Methyl Tert Butyl Ether
Concen: 23.3814 ug/L
RT: 2.351 min Scan# 273
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 73 Resp: 103628

Ion	Ratio	Lower	Upper
73	100		
57	33.4	0.0	53.8
43	25.6	0.0	55.1
41	22.5	0.0	50.9

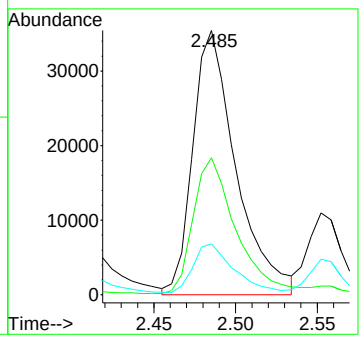


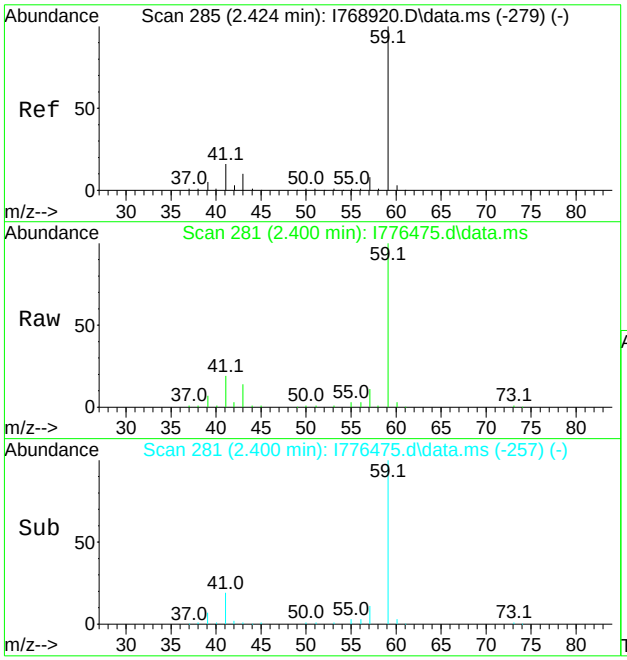


#24
Acetonitrile
Concen: 226.2816 ug/L m
RT: 2.485 min Scan# 295
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 41 Resp: 65221

Ion	Ratio	Lower	Upper
41	100		
40	51.9	32.6	72.6
39	19.3	1.5	41.5

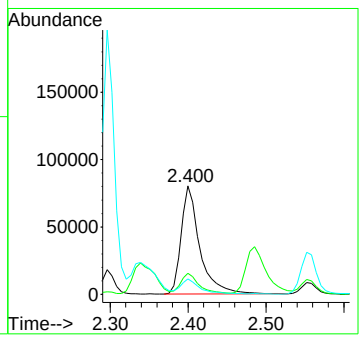


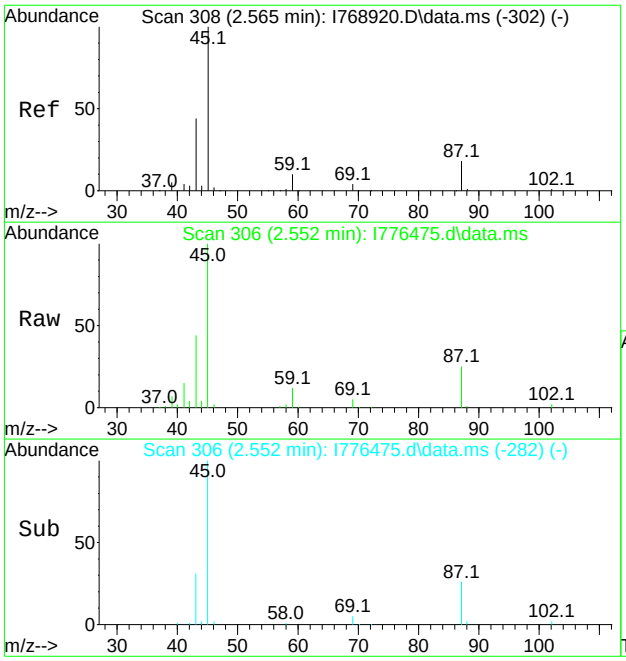


#25
Tert Butyl Alcohol
Concen: 269.8997 ug/L
RT: 2.400 min Scan# 281
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 59 Resp: 134055

Ion	Ratio	Lower	Upper
59	100		
41	15.9	0.0	34.1
43	13.8	0.0	35.7

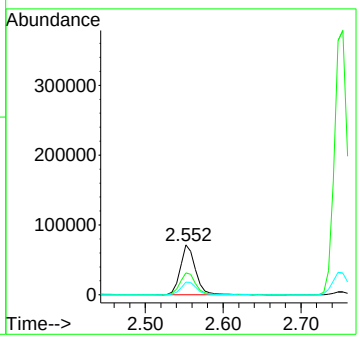


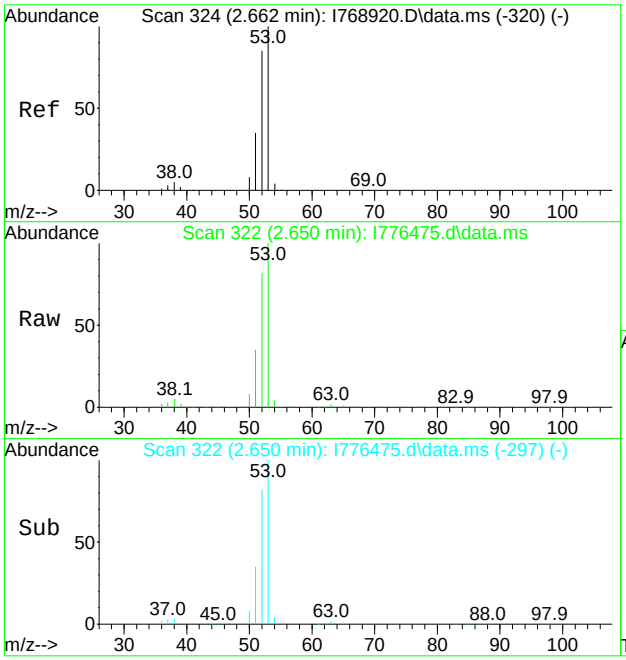


#26
Di-isopropyl ether
Concen: 21.2059 ug/L
RT: 2.552 min Scan# 306
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 45 Resp: 96821

Ion	Ratio	Lower	Upper
45	100		
43	43.3	18.2	78.2
87	25.4	0.0	57.0

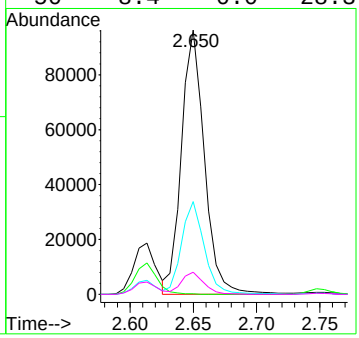


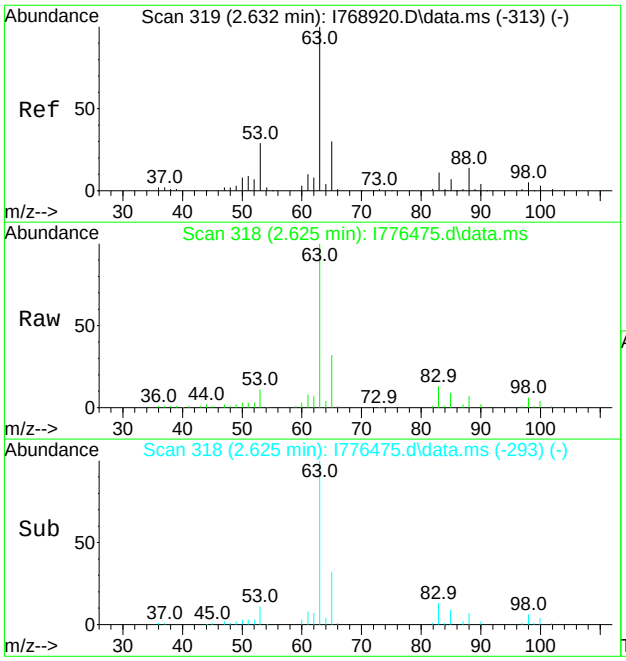


#27
Chloroprene
Concen: 29.9405 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 53 Resp: 121785

Ion	Ratio	Lower	Upper
53	100		
88	0.2	0.0	20.2
51	35.0	15.3	55.3
50	8.4	0.0	28.3

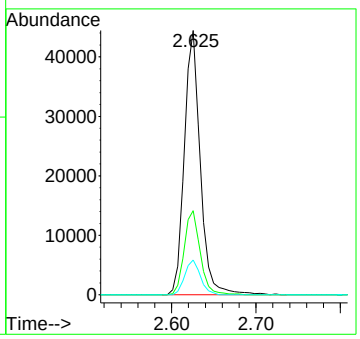


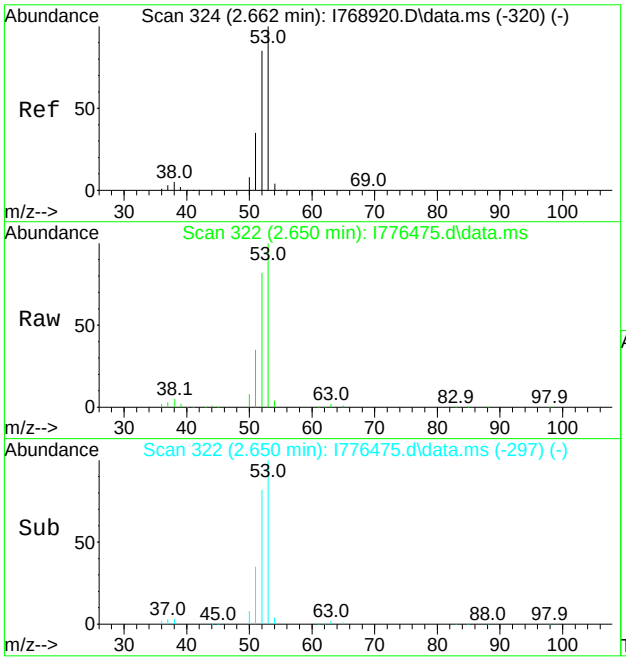


#28
1,1-Dichloroethane
Concen: 22.7354 ug/L
RT: 2.625 min Scan# 318
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 63 Resp: 58549

Ion	Ratio	Lower	Upper
63	100		
65	31.8	1.3	61.3
83	13.2	0.0	45.1

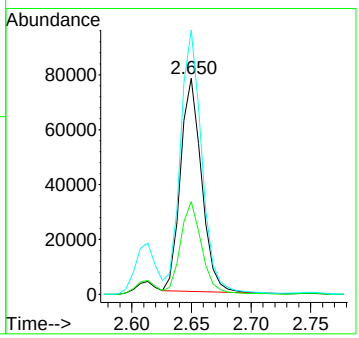


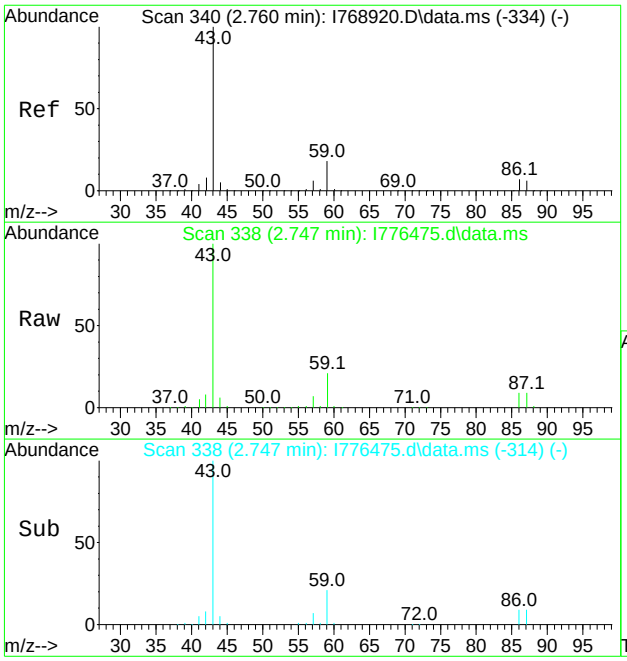


#29
Acrylonitrile
Concen: 154.7613 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 52 Resp: 95583

Ion	Ratio	Lower	Upper
52	100		
51	43.0	12.3	72.3
53	122.0	90.6	150.6

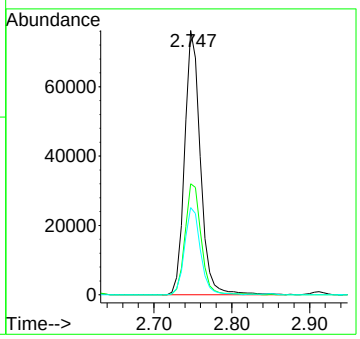


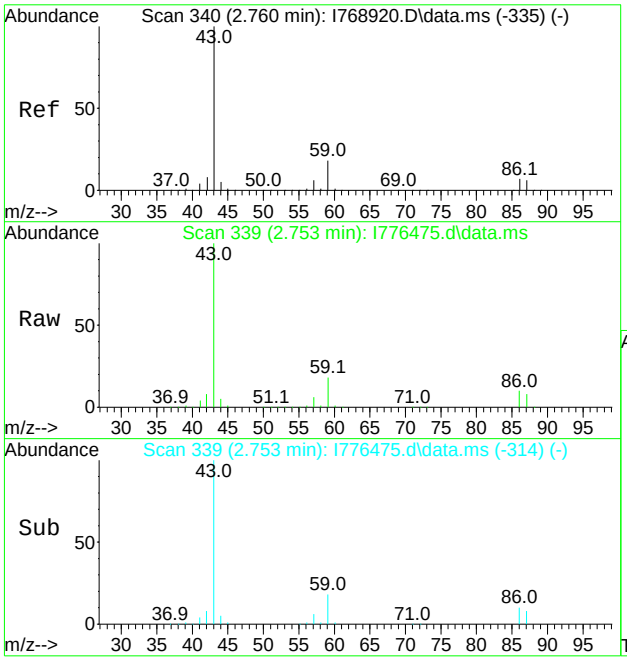


#30
ETBE
Concen: 23.6392 ug/L
RT: 2.747 min Scan# 338
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 59 Resp: 107863

Ion	Ratio	Lower	Upper
59	100		
87	42.0	25.4	65.4
57	33.0	11.7	51.7

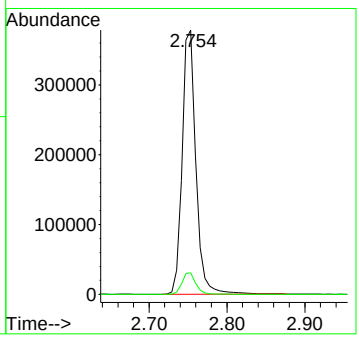


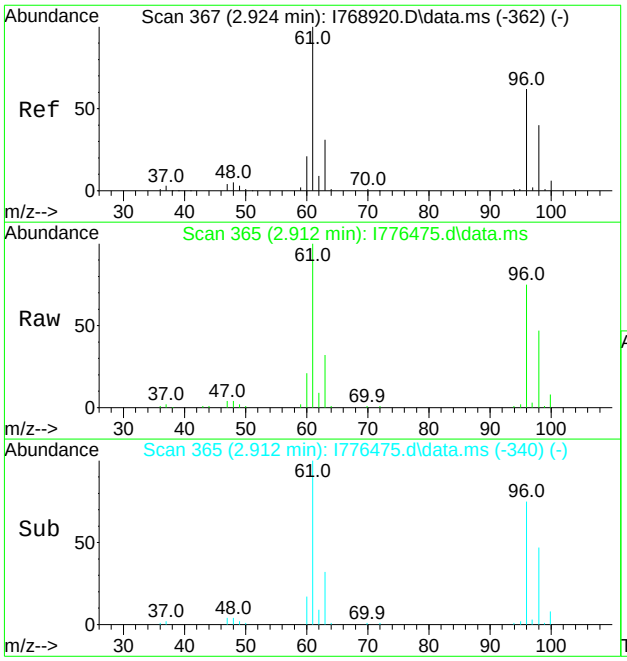


#31
Vinyl acetate
Concen: 117.0400 ug/L
RT: 2.753 min Scan# 339
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 465105

Ion	Ratio	Lower	Upper
43	100		
42	8.2	0.0	40.0

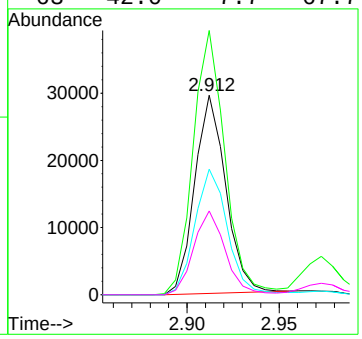


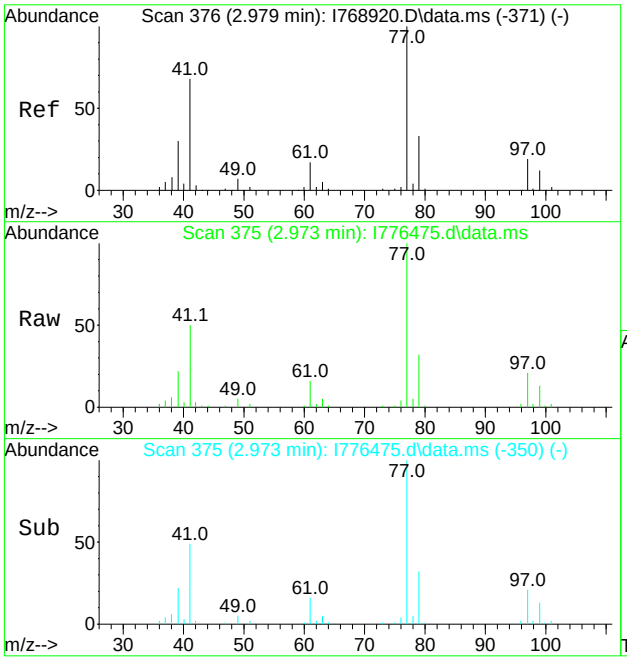


#32
cis-1,2-Dichloroethene
Concen: 24.1775 ug/L
RT: 2.912 min Scan# 365
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 96 Resp: 34736

Ion	Ratio	Lower	Upper
96	100		
61	131.9	87.5	147.5
98	62.9	36.0	96.0
63	42.0	7.7	67.7

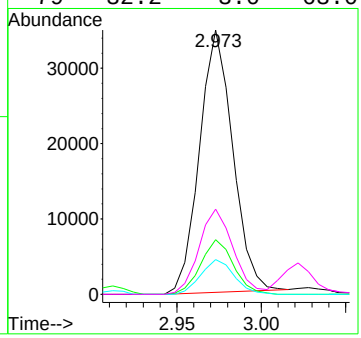


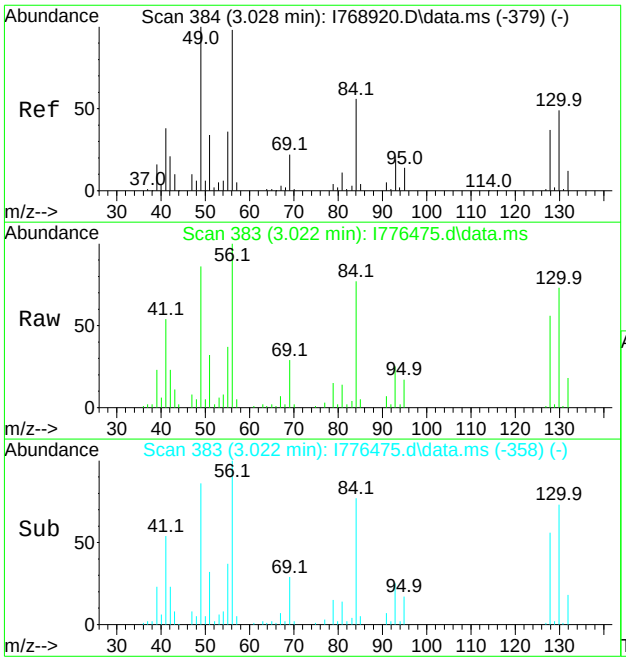


#33
2,2-Dichloropropane
Concen: 22.9986 ug/L
RT: 2.973 min Scan# 375
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 77 Resp: 47835

Ion	Ratio	Lower	Upper
77	100		
97	20.7	0.0	49.5
99	13.2	0.0	43.3
79	32.2	3.0	63.0

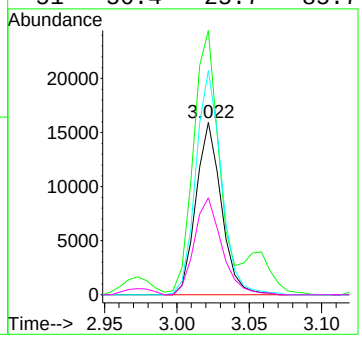


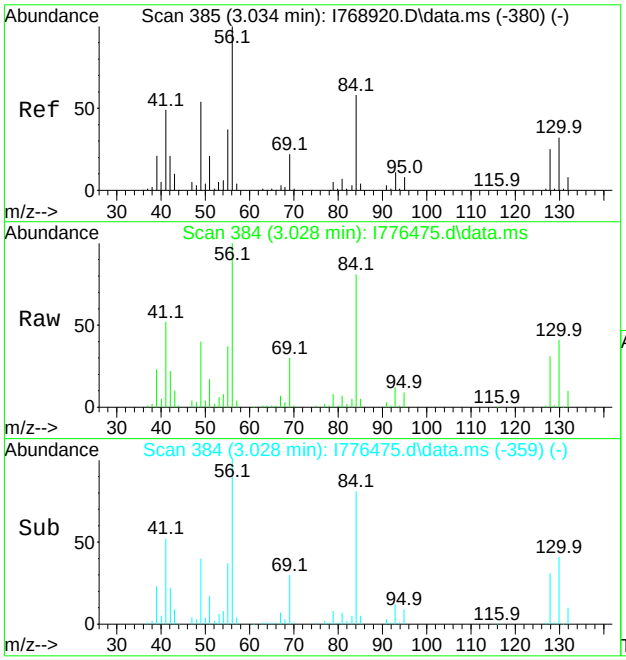


#34
Bromochloromethane
Concen: 26.0442 ug/L
RT: 3.022 min Scan# 383
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:128 Resp: 19522

Ion	Ratio	Lower	Upper
128	100		
49	152.0	122.9	182.9
130	130.1	101.4	161.4
51	56.4	25.7	85.7

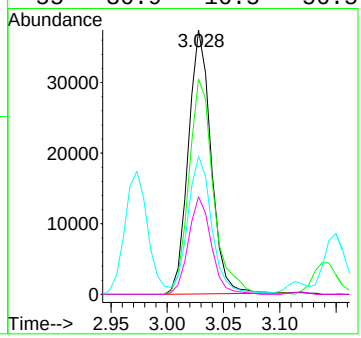


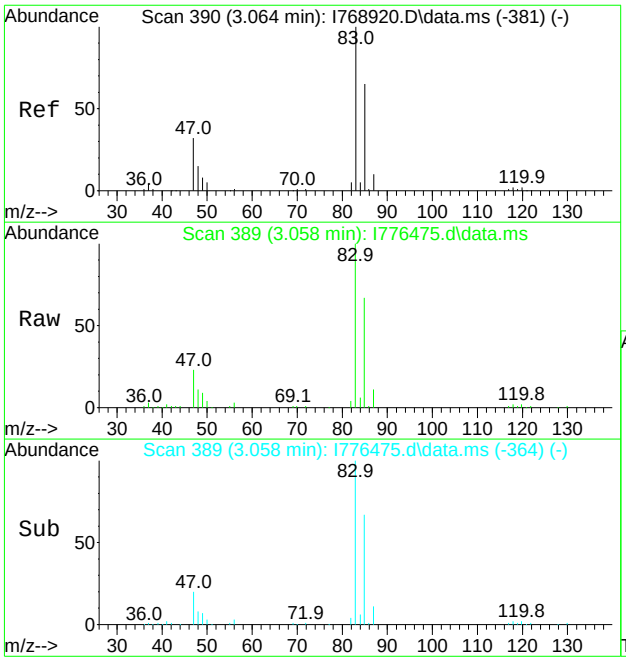


#35
Cyclohexane
Concen: 23.5258 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 56 Resp: 52460

Ion	Ratio	Lower	Upper
56	100		
84	81.5	70.9	110.9
41	49.2	36.7	76.7
55	36.9	16.5	56.5

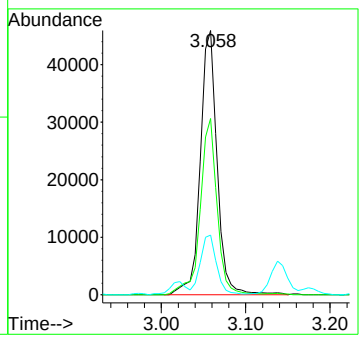


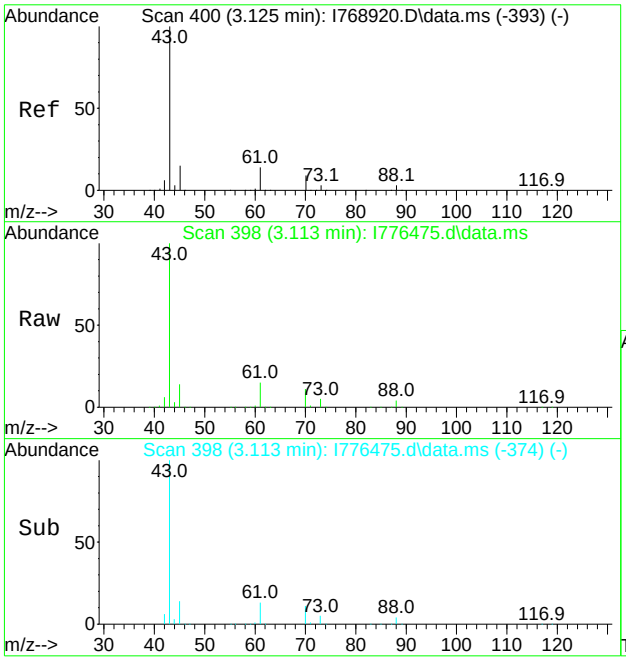


#36
Chloroform
Concen: 24.1450 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 83 Resp: 63811

Ion	Ratio	Lower	Upper
83	100		
85	66.7	36.1	96.1
47	21.8	0.0	53.8

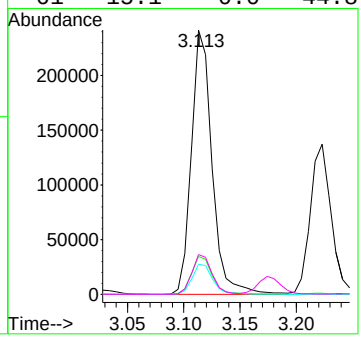


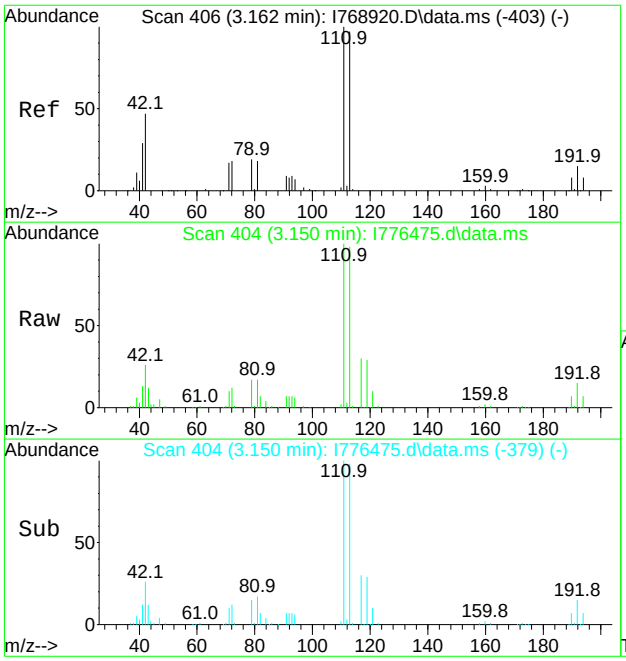


#37
Ethyl acetate
Concen: 117.3393 ug/L
RT: 3.113 min Scan# 398
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 308624

Ion	Ratio	Lower	Upper
43	100		
45	14.4	0.0	44.2
70	11.4	0.0	42.1
61	15.1	0.0	44.8

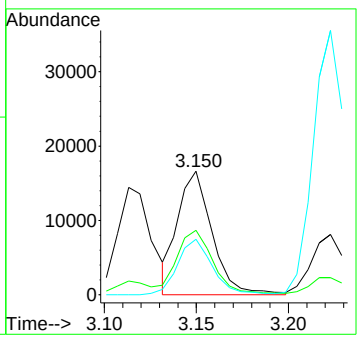


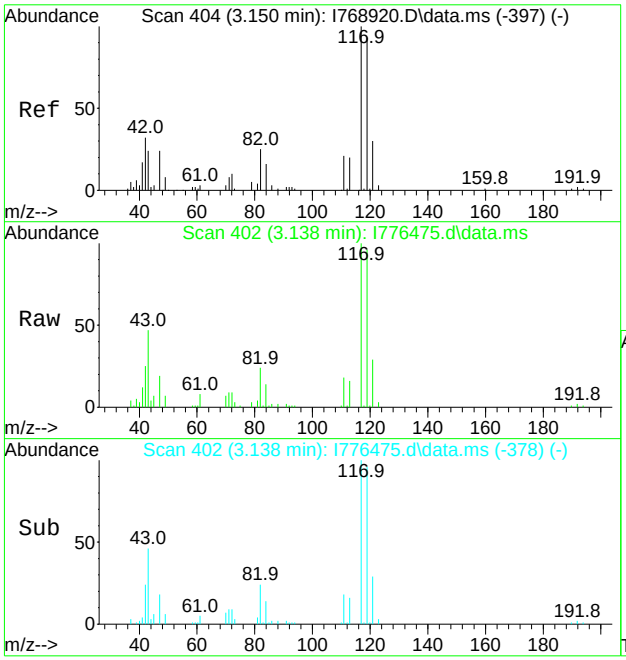


#38
Tetrahydrofuran
Concen: 22.4164 ug/L
RT: 3.150 min Scan# 404
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 42 Resp: 21734

Ion	Ratio	Lower	Upper
42	100		
41	51.9	35.6	75.6
72	43.6	30.6	70.6

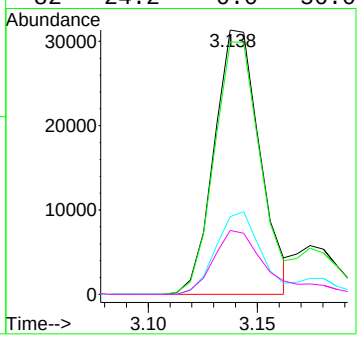


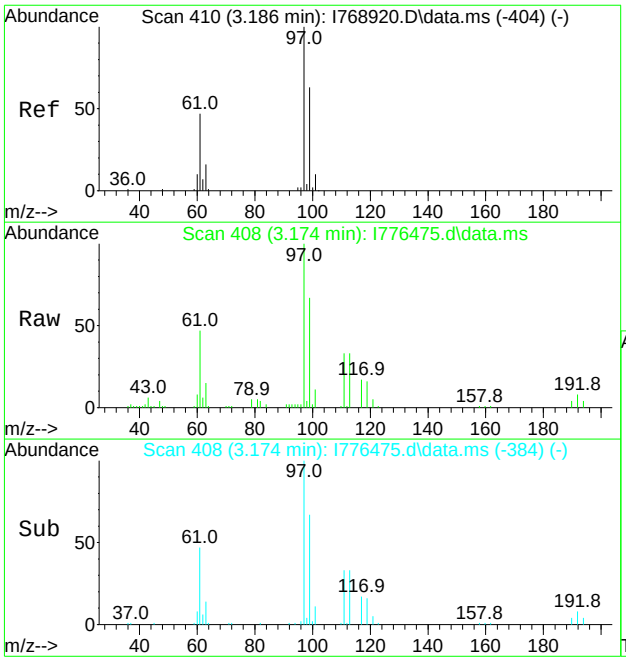


#40
Carbon Tetrachloride
Concen: 22.3193 ug/L m
RT: 3.138 min Scan# 402
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:117 Resp: 45545

Ion	Ratio	Lower	Upper
117	100		
119	95.5	68.1	128.1
121	29.4	1.7	61.7
82	24.2	0.0	56.0

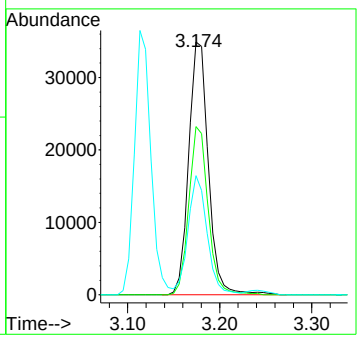


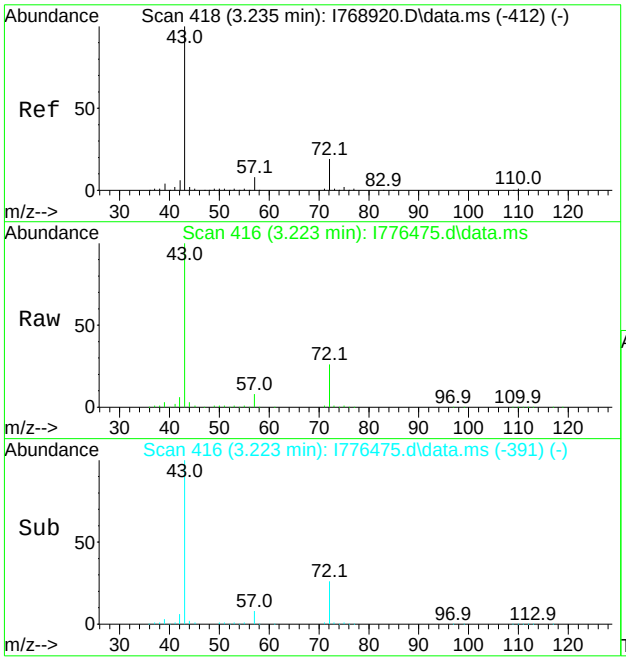


#41
1,1,1-Trichloroethane
Concen: 24.9583 ug/L
RT: 3.174 min Scan# 408
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 97 Resp: 51953

Ion	Ratio	Lower	Upper
97	100		
99	66.5	33.5	93.5
61	47.1	10.2	70.2

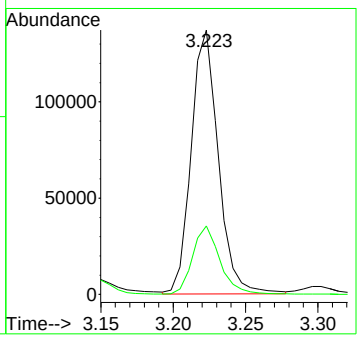


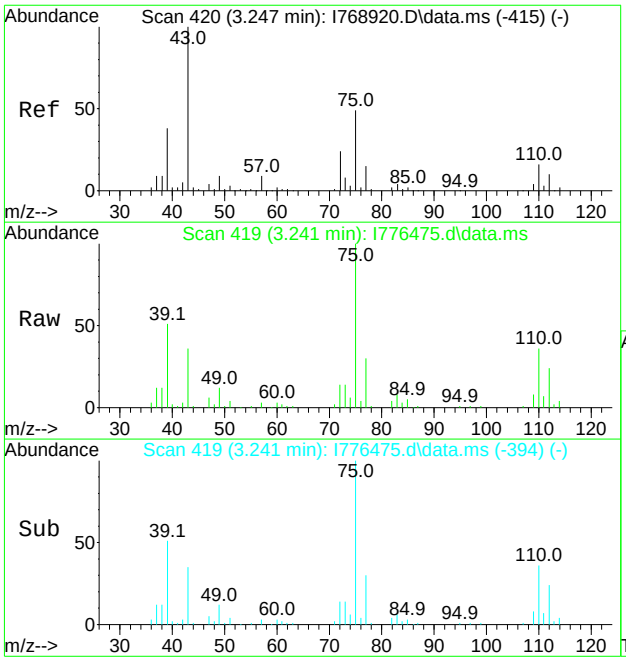


#42
2-Butanone
Concen: 132.3687 ug/L
RT: 3.223 min Scan# 416
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 178988

Ion	Ratio	Lower	Upper
43	100		
72	26.0	0.0	57.6

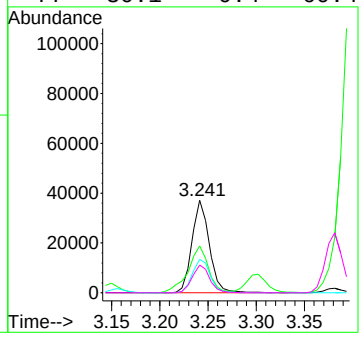


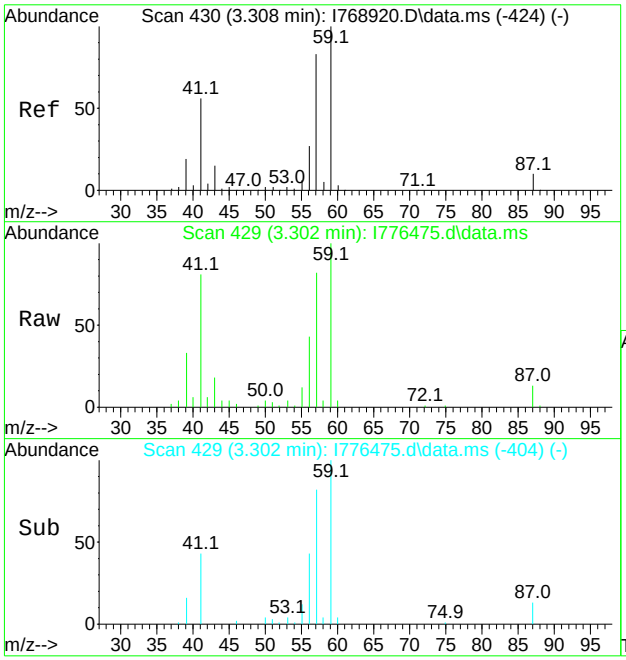


#43
1,1-Dichloropropene
Concen: 26.9357 ug/L
RT: 3.241 min Scan# 419
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 75 Resp: 46742

Ion	Ratio	Lower	Upper
75	100		
39	50.0	18.7	78.7
110	36.0	8.0	68.0
77	30.1	0.4	60.4

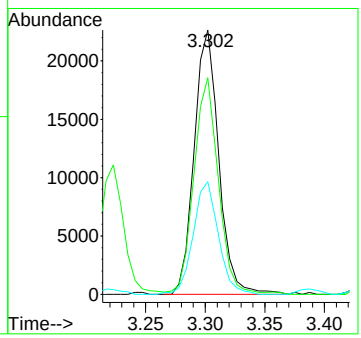


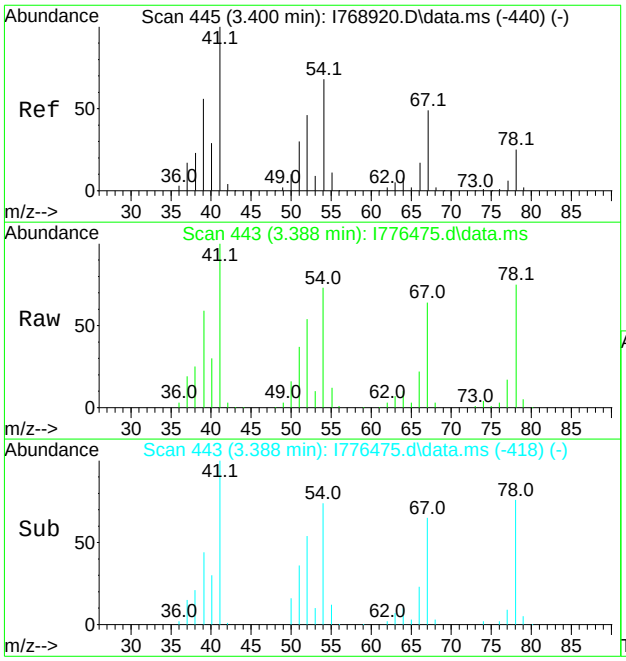


#44
tert-Butyl formate
Concen: 18.8372 ug/L
RT: 3.302 min Scan# 429
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 59 Resp: 32484

Ion	Ratio	Lower	Upper
59	100		
57	81.9	58.4	98.4
56	42.6	4.4	44.4

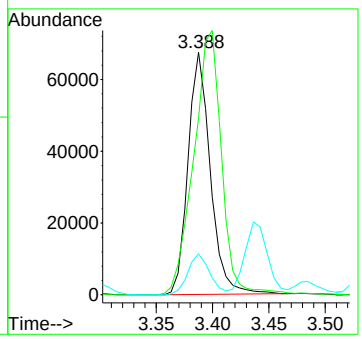


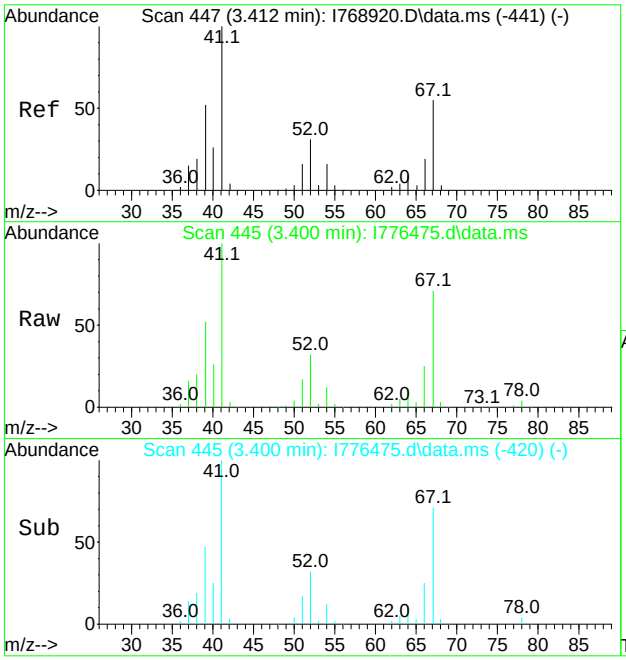


#45
Propionitrile
Concen: 242.4067 ug/L
RT: 3.388 min Scan# 443
Delta R.T. 0.001 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 54 Resp: 93220

Ion	Ratio	Lower	Upper
54	100		
52	72.3	58.7	98.7
55	16.9	0.0	36.9

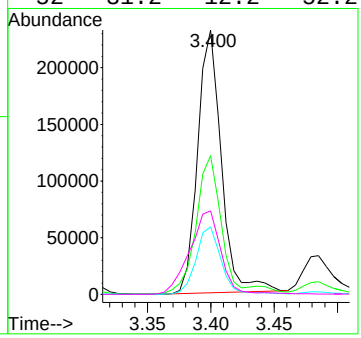


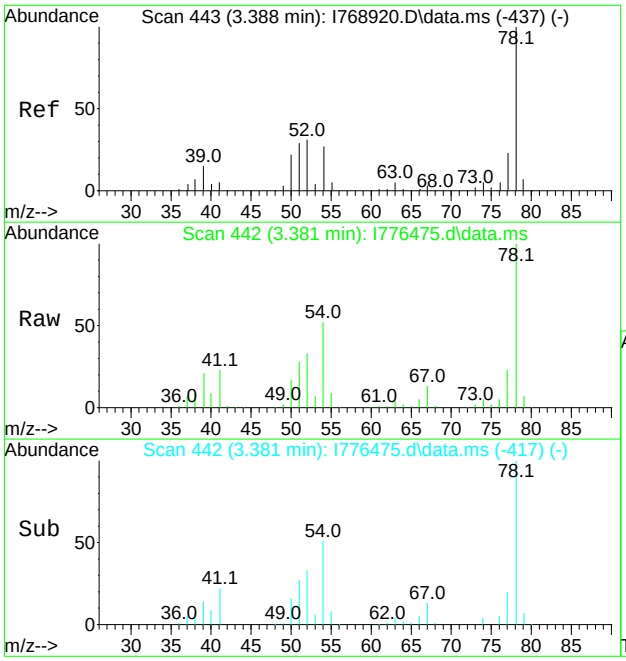


#46
Methacrylonitrile
Concen: 224.5890 ug/L
RT: 3.400 min Scan# 445
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 41 Resp: 300733

Ion	Ratio	Lower	Upper
41	100		
39	52.1	36.2	76.2
40	25.5	6.5	46.5
52	31.2	12.2	52.2

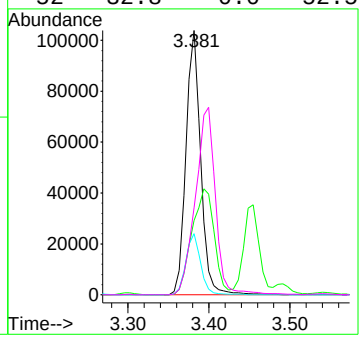


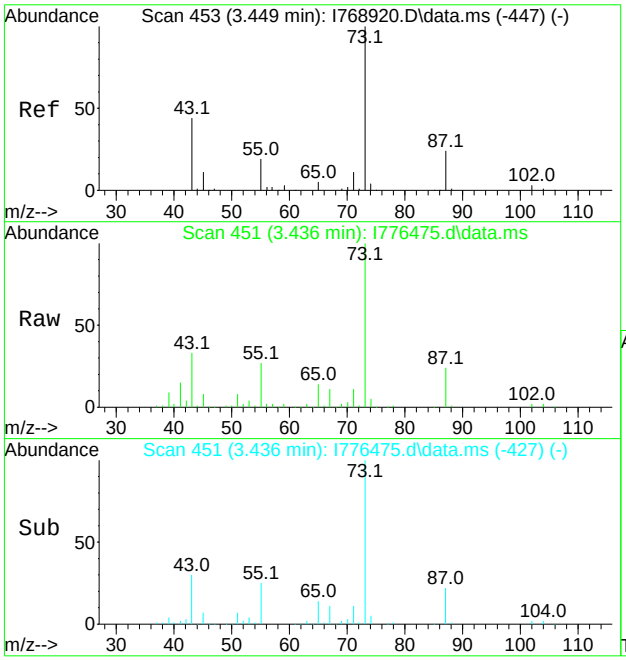


#47
Benzene
Concen: 24.4228 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 78 Resp: 131077

Ion	Ratio	Lower	Upper
78	100		
51	28.1	0.0	51.6
77	23.1	0.0	53.6
52	32.8	0.0	52.5

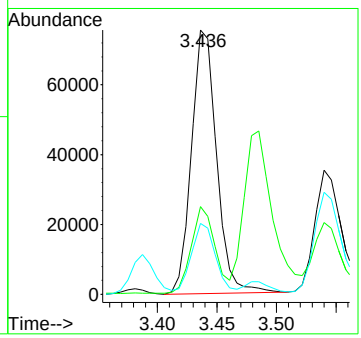


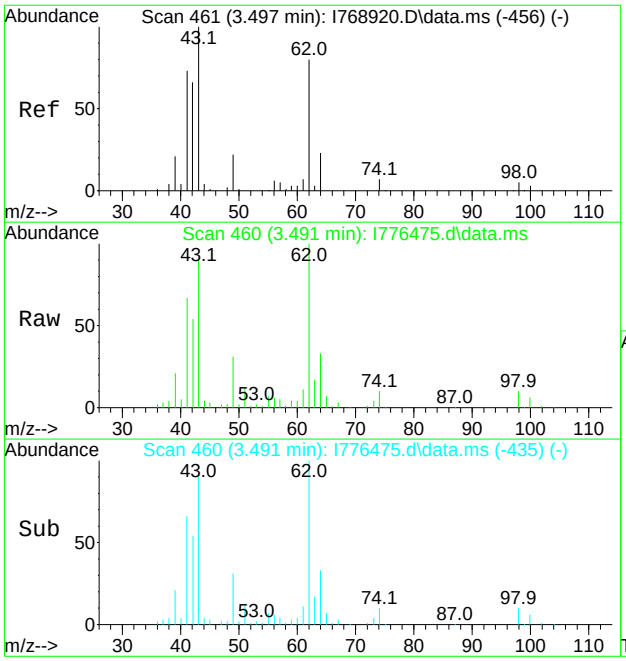


#48
TAME
Concen: 25.0936 ug/L
RT: 3.436 min Scan# 451
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 73 Resp: 110637

Ion	Ratio	Lower	Upper
73	100		
43	32.8	11.2	51.2
55	25.9	0.0	39.2

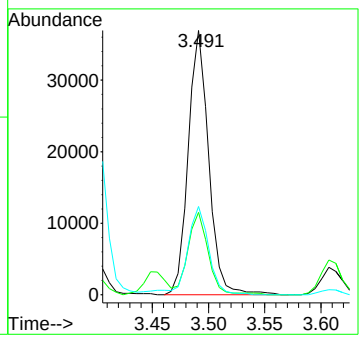


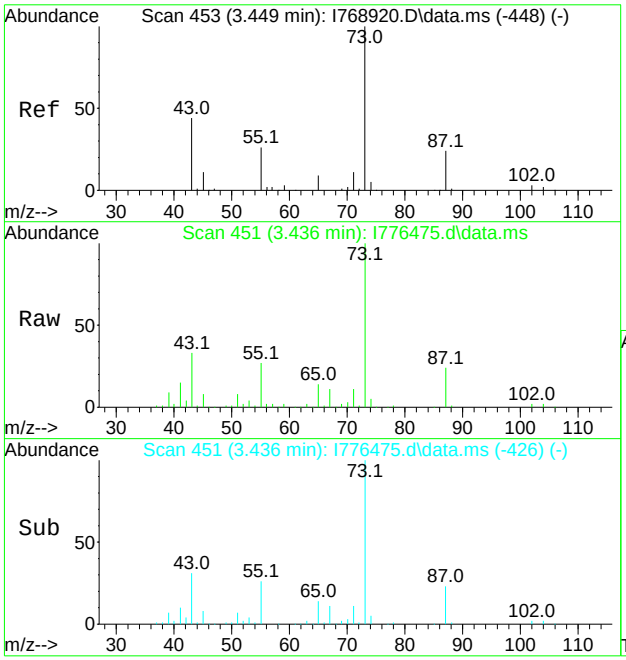


#50
1,2-Dichloroethane
Concen: 23.0139 ug/L
RT: 3.491 min Scan# 460
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 62 Resp: 46742

Ion	Ratio	Lower	Upper
62	100		
49	31.1	0.0	59.1
64	33.4	1.9	61.9

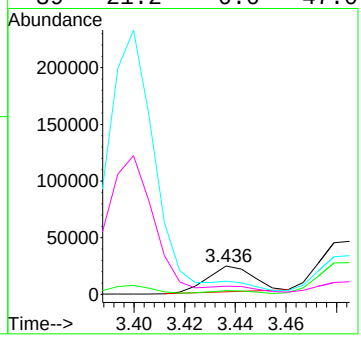


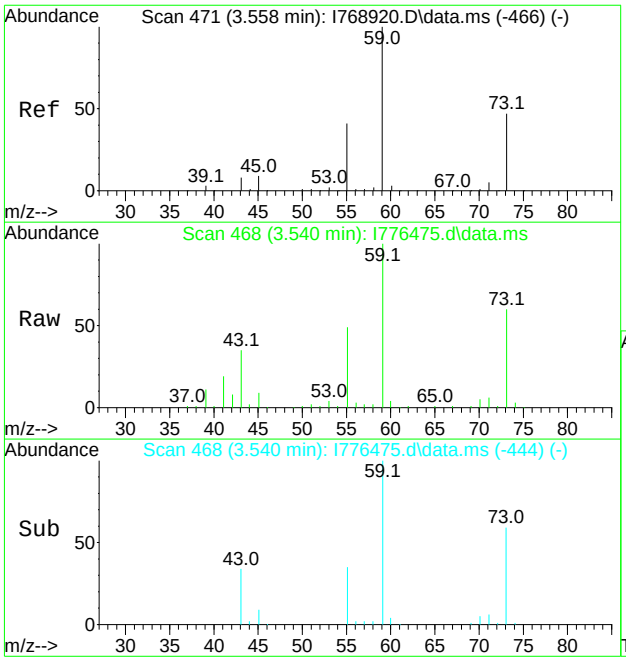


#51
Isobutyl Alcohol
Concen: 450.5172 ug/L
RT: 3.436 min Scan# 451
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 28694

Ion	Ratio	Lower	Upper
43	100		
42	7.5	0.0	63.1
41	33.3	0.0	98.5
39	21.2	0.0	47.0

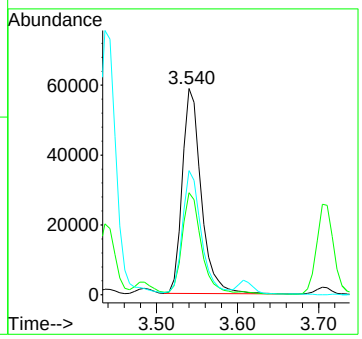


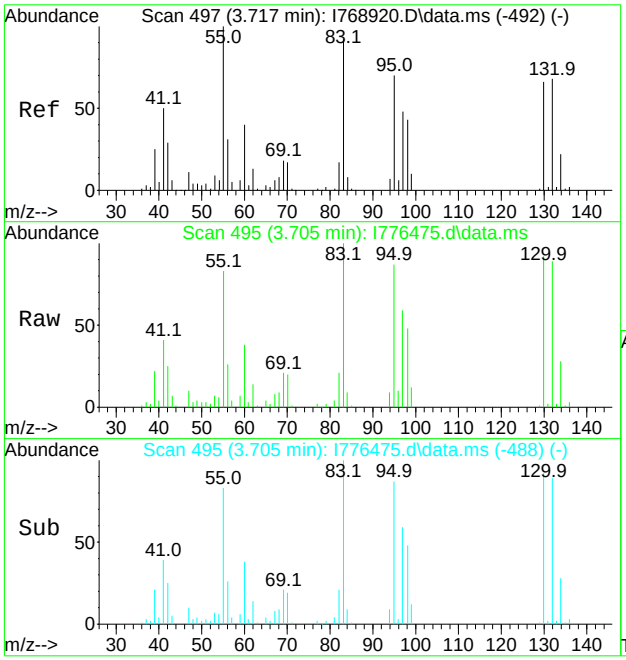


#52
Tert Amyl Alcohol
Concen: 206.8823 ug/L
RT: 3.540 min Scan# 468
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 59 Resp: 95316

Ion	Ratio	Lower	Upper
59	100		
55	49.3	7.9	67.9
73	60.0	33.6	93.6

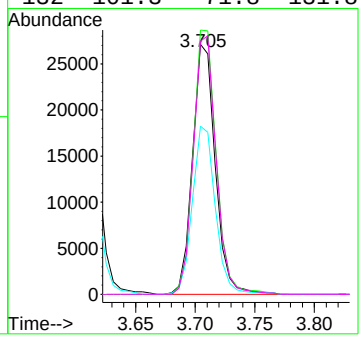


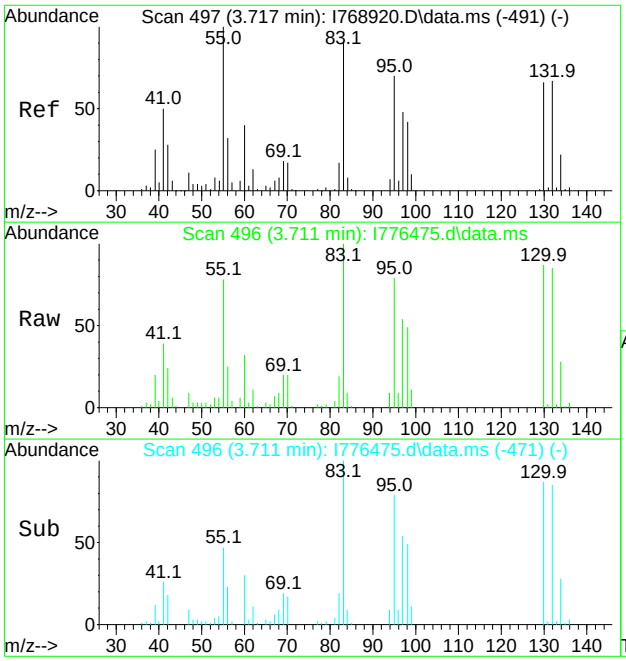


#53
Trichloroethene
Concen: 24.2118 ug/L
RT: 3.705 min Scan# 495
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 95 Resp: 36181

Ion	Ratio	Lower	Upper
95	100		
130	105.8	70.0	130.0
97	67.2	35.4	95.4
132	101.3	71.8	131.8

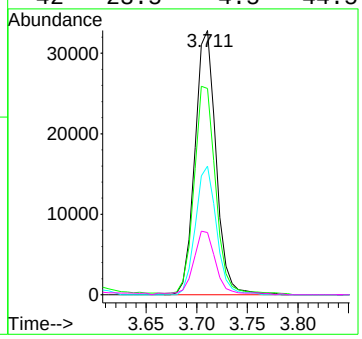


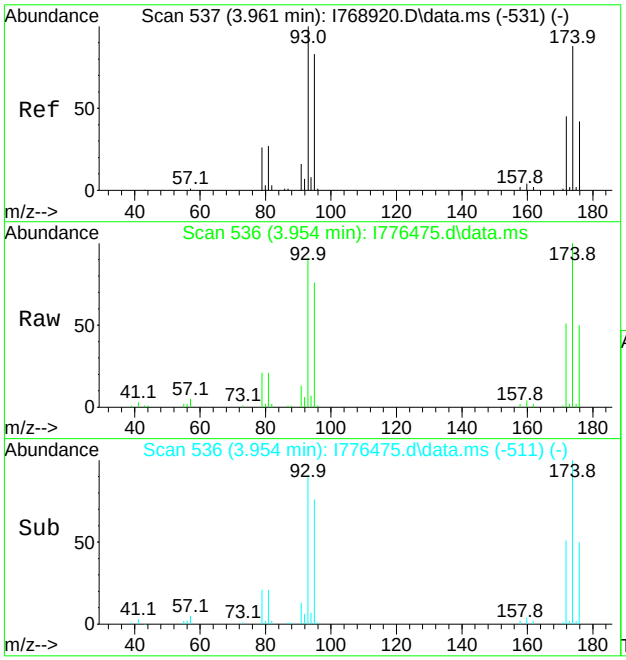


#54
Methylcyclohexane
Concen: 23.9062 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 83 Resp: 47630

Ion	Ratio	Lower	Upper
83	100		
55	77.5	51.8	91.8
98	48.6	30.9	70.9
42	23.5	4.5	44.5

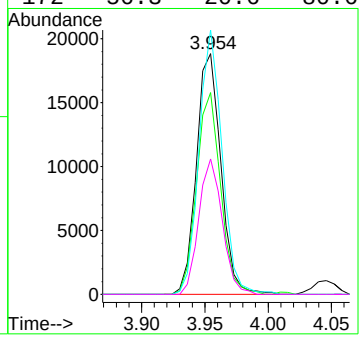


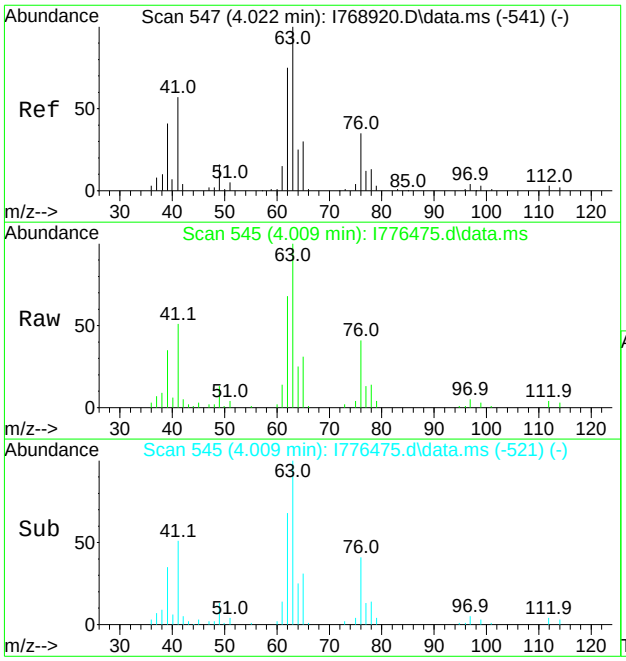


#55
Dibromomethane
Concen: 24.9483 ug/L
RT: 3.954 min Scan# 536
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 93 Resp: 25343

Ion	Ratio	Lower	Upper
93	100		
95	83.8	53.7	113.7
174	109.8	63.7	123.7
172	56.3	20.6	80.6

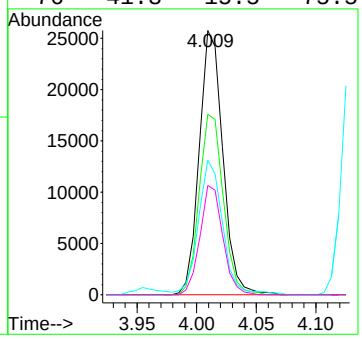


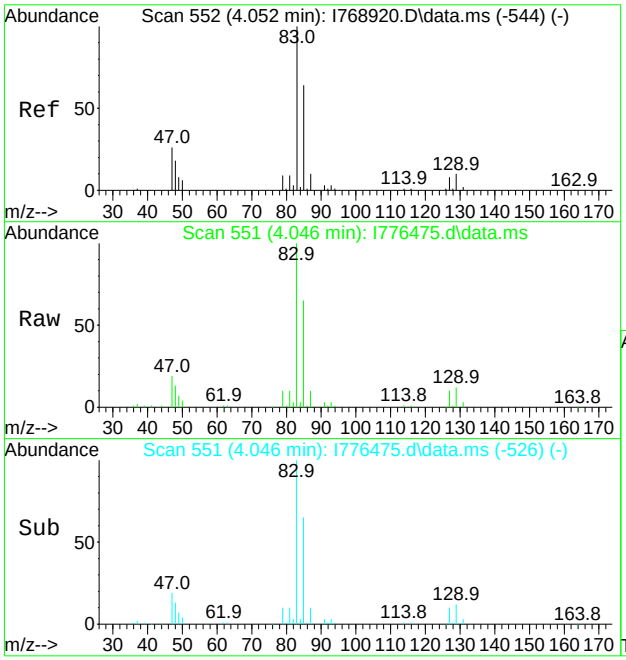


#56
1,2-Dichloropropane
Concen: 24.8141 ug/L
RT: 4.009 min Scan# 545
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 63 Resp: 35448

Ion	Ratio	Lower	Upper
63	100		
62	68.3	41.6	101.6
41	50.9	21.1	81.1
76	41.3	15.5	75.5

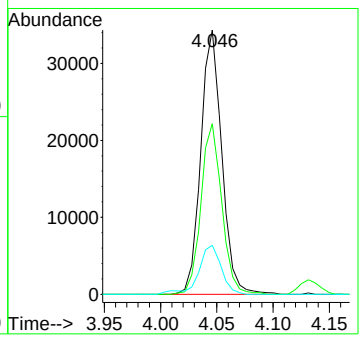


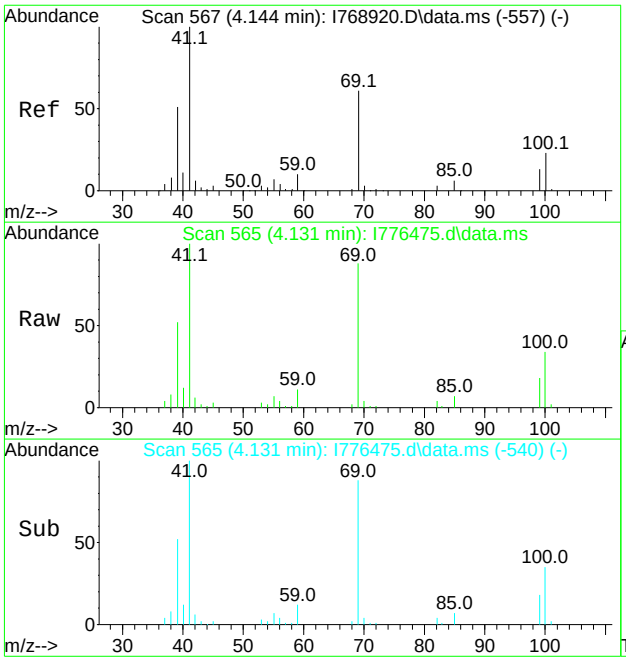


#57
Bromodichloromethane
Concen: 21.6558 ug/L
RT: 4.046 min Scan# 551
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 83 Resp: 44708

Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.7	82.9
47	18.6	13.0	24.2

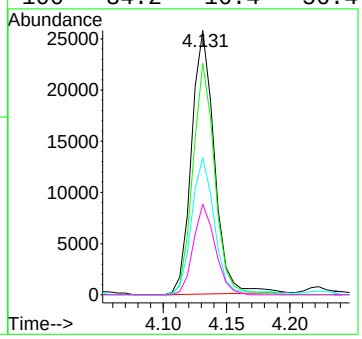


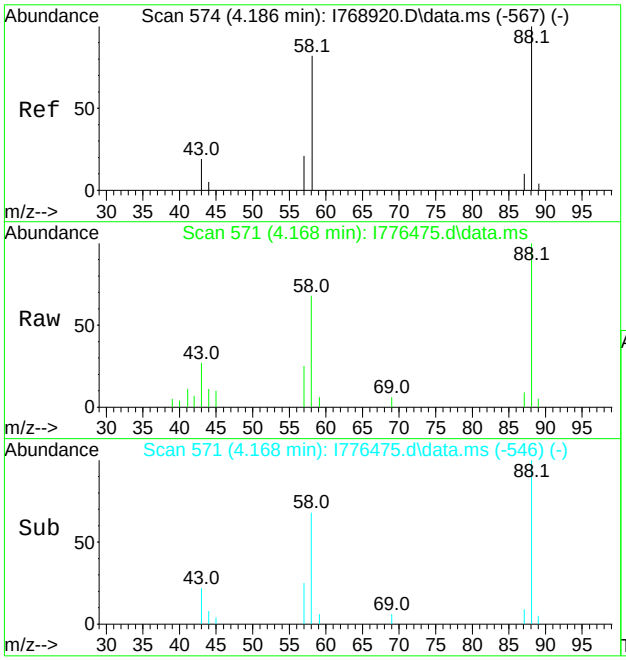


#58
Methyl methacrylate
Concen: 18.6339 ug/L
RT: 4.131 min Scan# 565
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 41 Resp: 32347

Ion	Ratio	Lower	Upper
41	100		
69	87.6	74.6	114.6
39	52.0	43.3	83.3
100	34.2	16.4	56.4

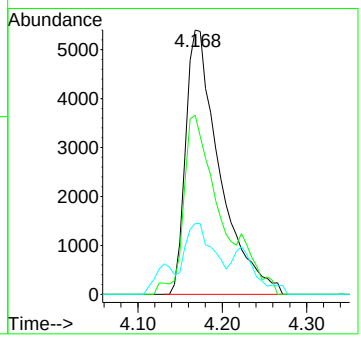


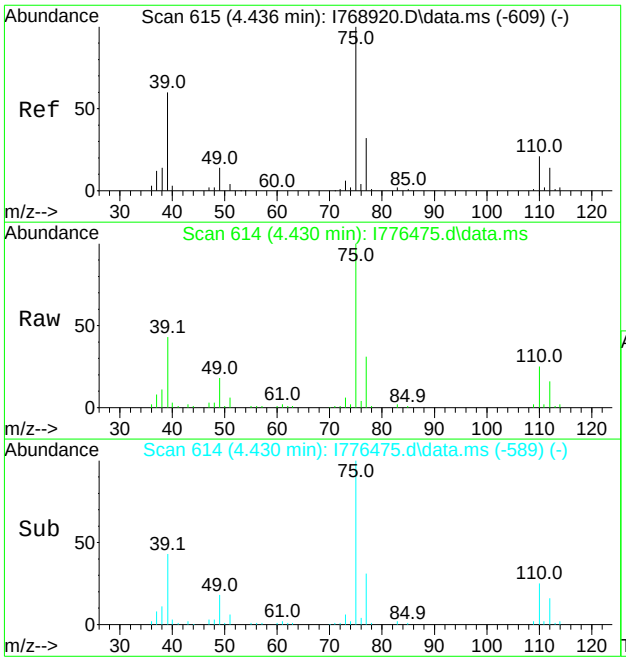


#59
1,4-Dioxane
Concen: 433.9138 ug/L
RT: 4.168 min Scan# 571
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 88 Resp: 15130

Ion	Ratio	Lower	Upper
88	100		
58	67.7	30.6	90.6
43	26.9	0.0	54.0

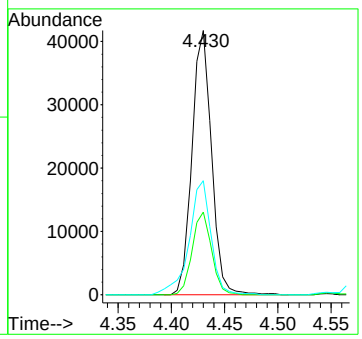


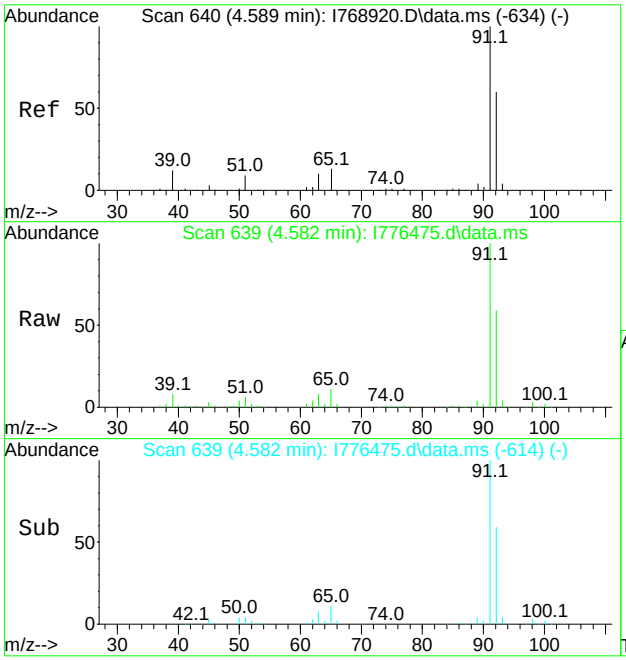


#61
cis-1,3-Dichloropropene
Concen: 22.6585 ug/L
RT: 4.430 min Scan# 614
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 75 Resp: 53512

Ion	Ratio	Lower	Upper
75	100		
77	31.3	1.8	61.8
39	43.1	17.6	77.6

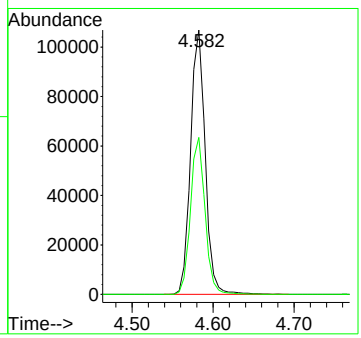


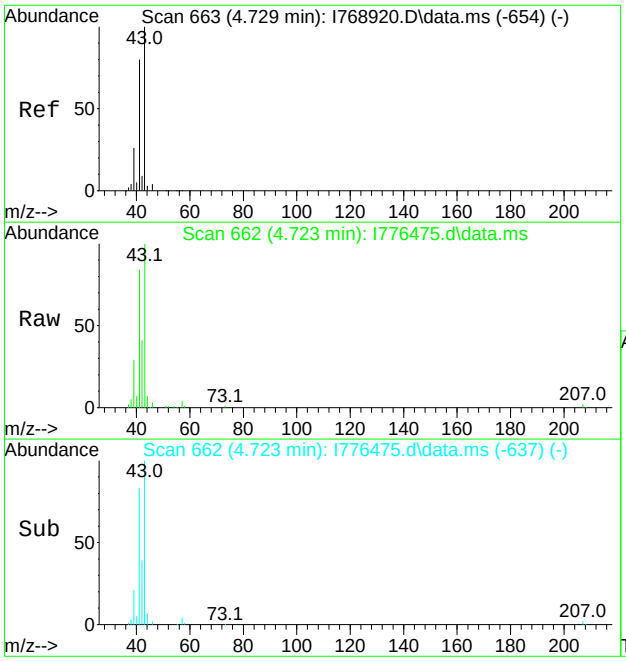


#64
Toluene
Concen: 23.9085 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 133931

Ion	Ratio	Lower	Upper
91	100		
92	59.4	28.6	88.6

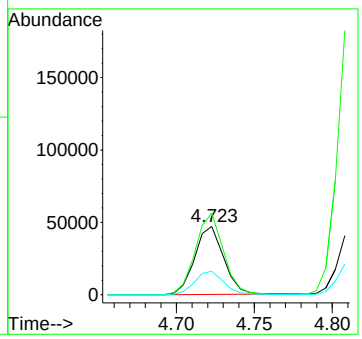


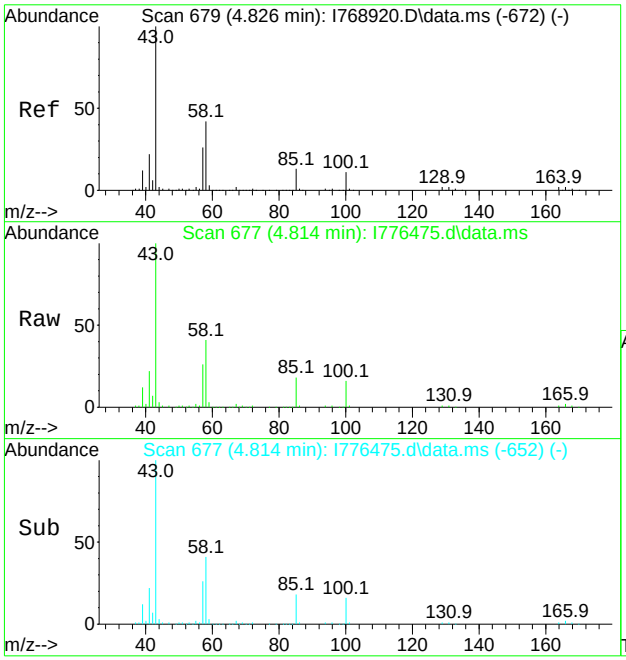


#65
2-Nitropropane
Concen: 75.7772 ug/L
RT: 4.723 min Scan# 662
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 41 Resp: 60896

Ion	Ratio	Lower	Upper
41	100		
43	118.8	95.7	135.7
39	34.6	17.9	57.9

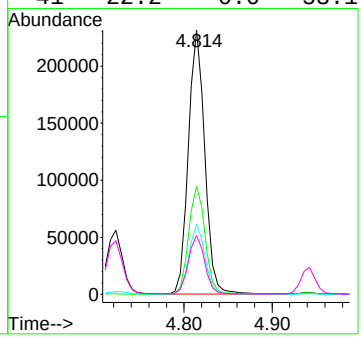


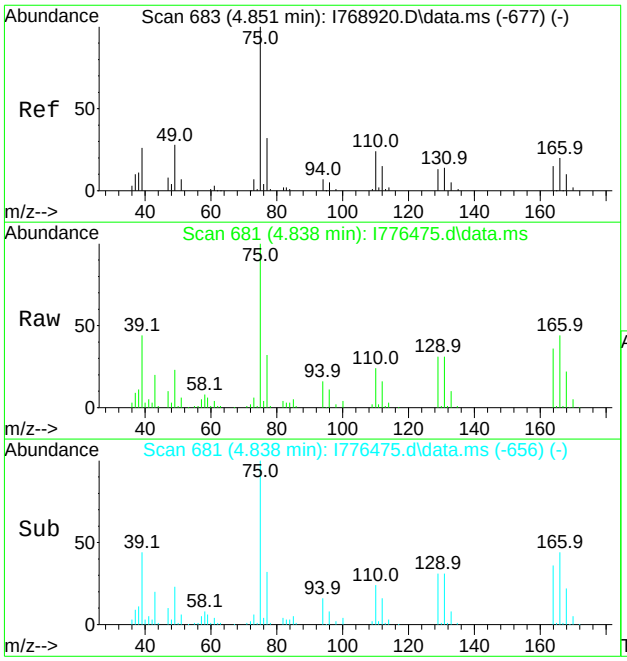


#66
4-Methyl-2-pentanone
Concen: 125.1507 ug/L
RT: 4.814 min Scan# 677
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 298723

Ion	Ratio	Lower	Upper
43	100		
58	41.0	9.8	69.8
57	26.5	0.0	54.0
41	22.2	0.0	53.1

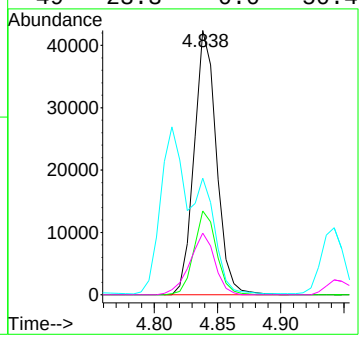


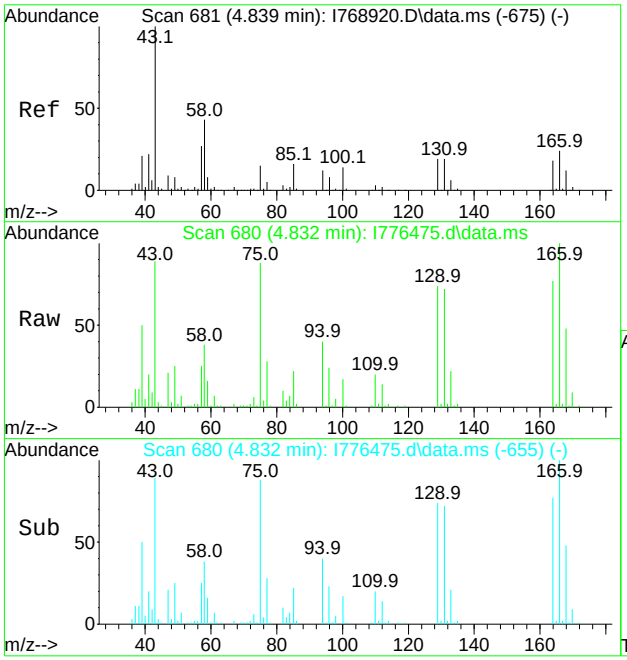


#67
trans-1,3-Dichloropropene
Concen: 22.6174 ug/L
RT: 4.838 min Scan# 681
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 75 Resp: 52030

Ion	Ratio	Lower	Upper
75	100		
77	31.7	2.0	62.0
39	43.6	15.3	75.3
49	23.3	0.0	50.4

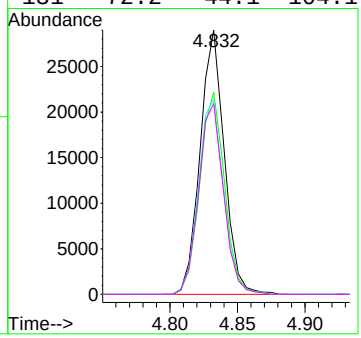


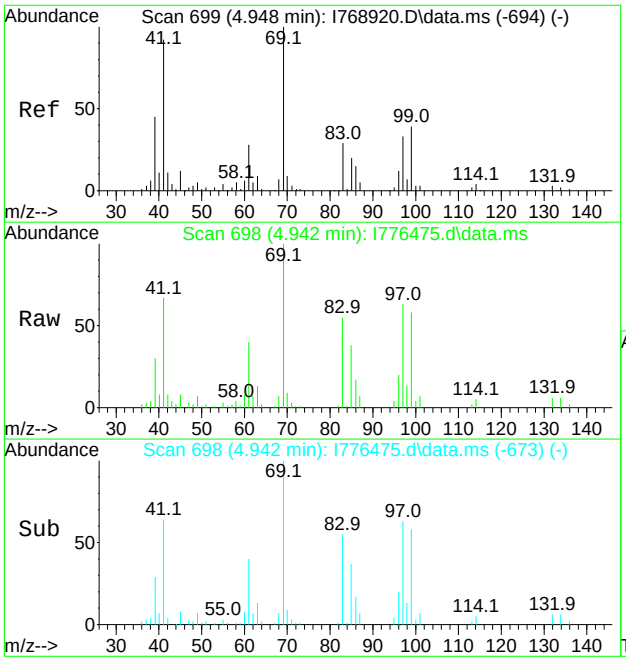


#68
Tetrachloroethene
Concen: 23.8333 ug/L
RT: 4.832 min Scan# 680
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:166 Resp: 36166

Ion	Ratio	Lower	Upper
166	100		
164	76.6	48.3	108.3
129	73.6	44.6	104.6
131	72.2	44.1	104.1

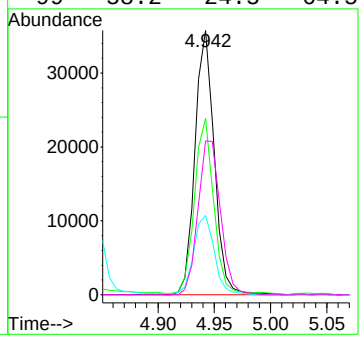


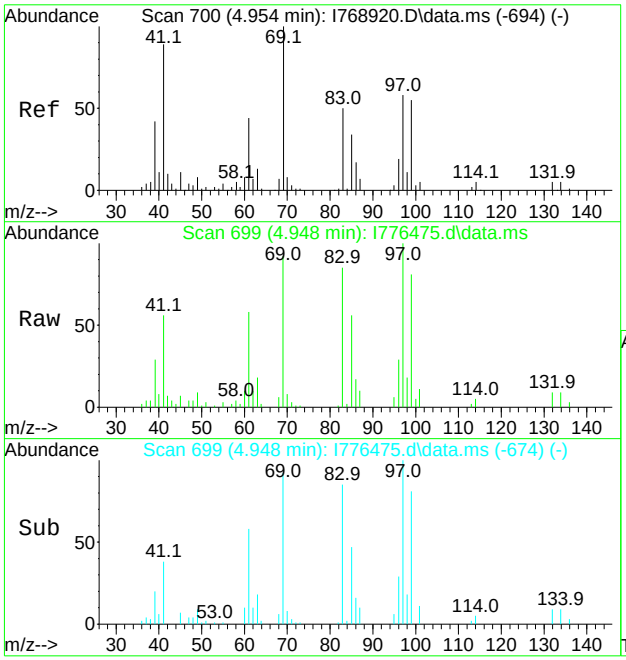


#69
Ethyl methacrylate
Concen: 20.3574 ug/L
RT: 4.942 min Scan# 698
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 69 Resp: 42628

Ion	Ratio	Lower	Upper
69	100		
41	66.8	43.8	83.8
39	30.0	18.5	58.5
99	58.2	24.5	64.5

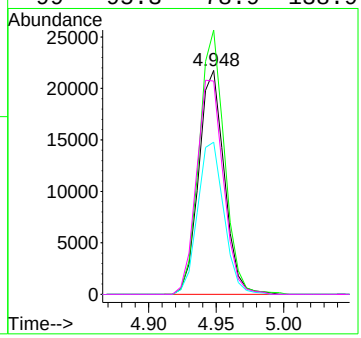


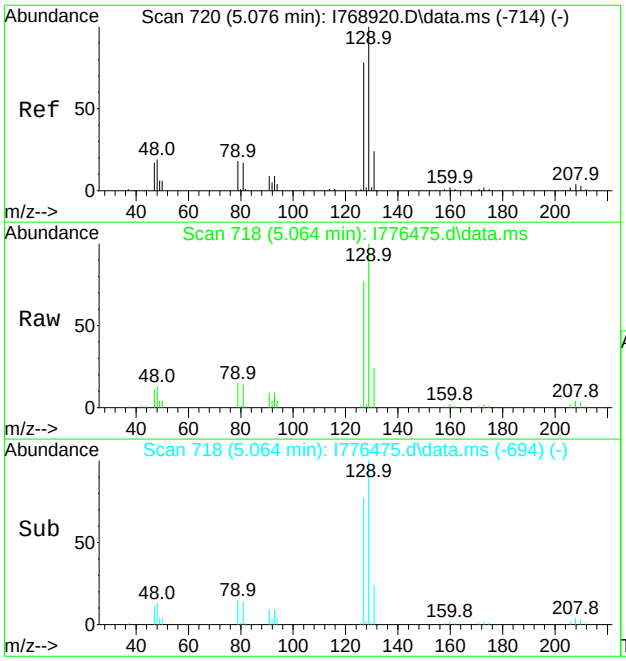


#70
1,1,2-Trichloroethane
Concen: 24.5927 ug/L
RT: 4.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 83 Resp: 28678

Ion	Ratio	Lower	Upper
83	100		
97	118.1	88.3	148.3
61	67.9	41.5	101.5
99	95.3	78.9	138.9

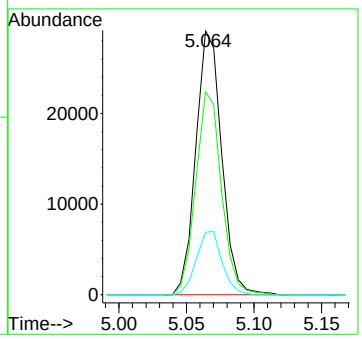


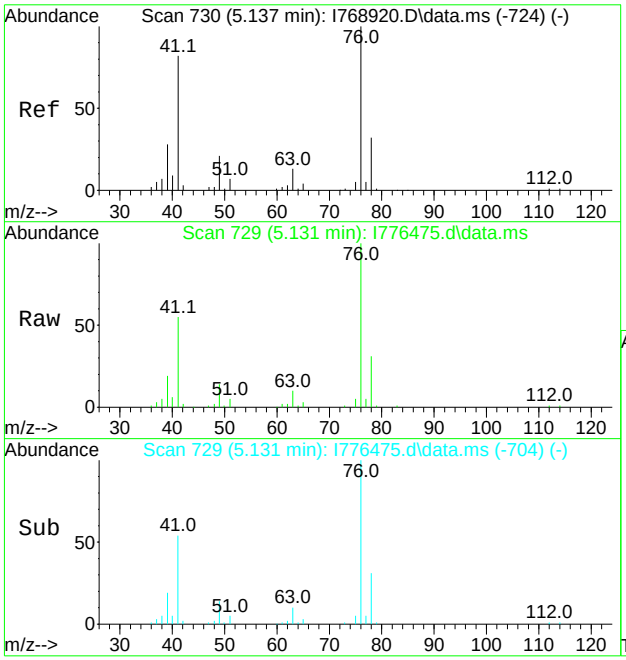


#71
Dibromochloromethane
Concen: 23.8059 ug/L
RT: 5.064 min Scan# 718
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:129 Resp: 38789

Ion	Ratio	Lower	Upper
129	100		
127	76.9	45.8	105.8
131	23.7	0.0	54.5

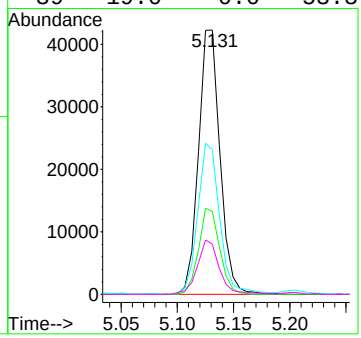


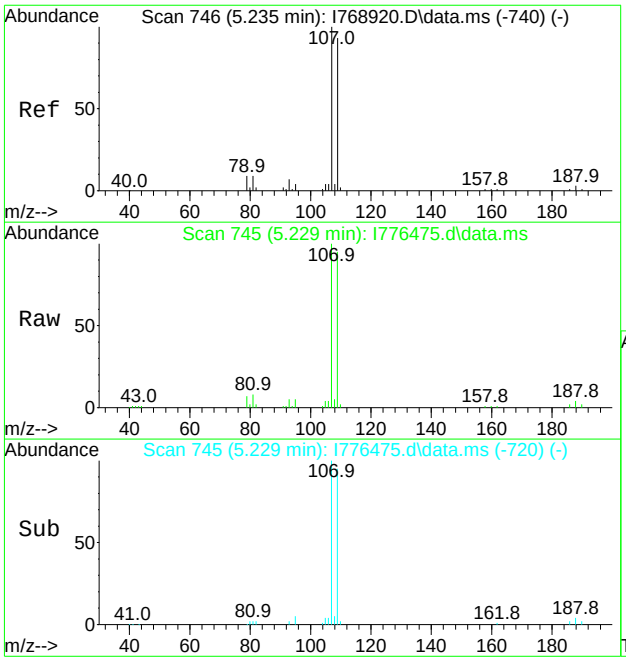


#72
1,3-Dichloropropane
Concen: 24.8970 ug/L
RT: 5.131 min Scan# 729
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 76 Resp: 56250

Ion	Ratio	Lower	Upper
76	100		
78	31.4	2.7	62.7
41	54.8	23.5	83.5
39	19.0	0.0	53.3

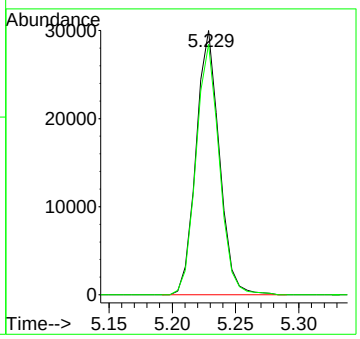


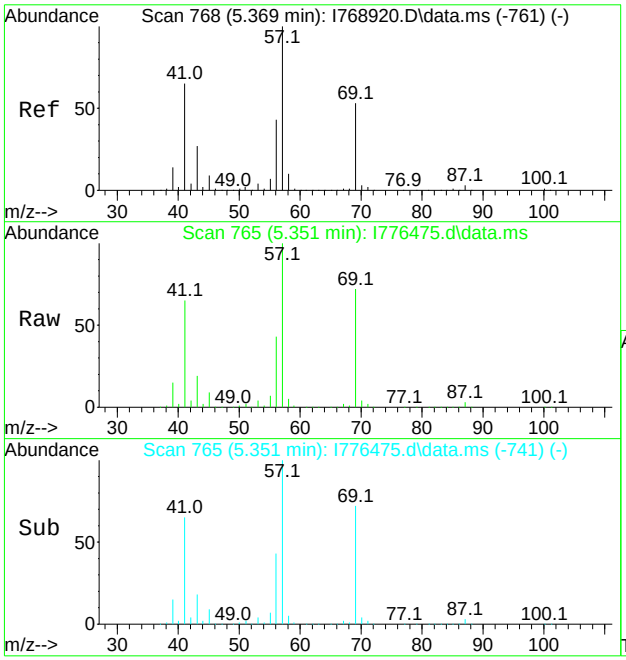


#73
1,2-Dibromoethane
Concen: 24.5222 ug/L
RT: 5.229 min Scan# 745
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:107 Resp: 38429

Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.5	124.5

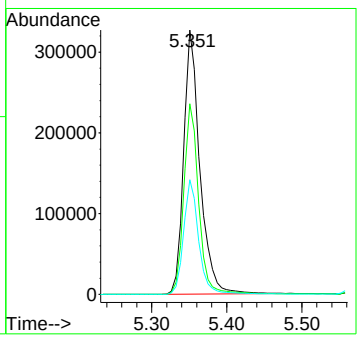


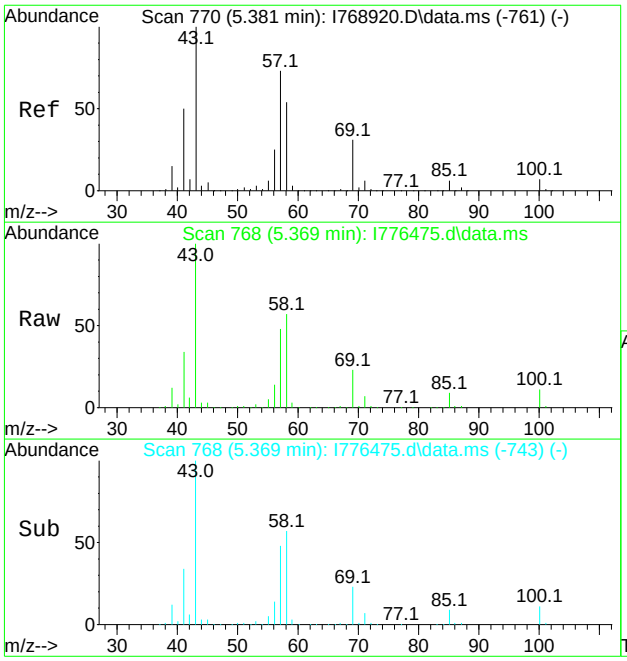


#74
3,3-Dimethyl-1-Butanol
Concen: 1047.6789 ug/L
RT: 5.351 min Scan# 765
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 57 Resp: 491029

Ion	Ratio	Lower	Upper
57	100		
69	72.1	59.1	99.1
56	43.4	23.9	63.9

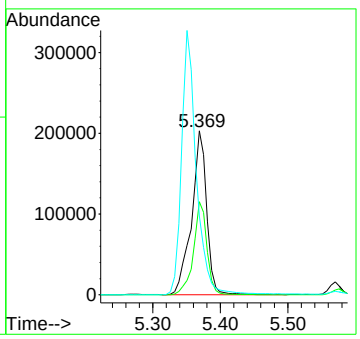


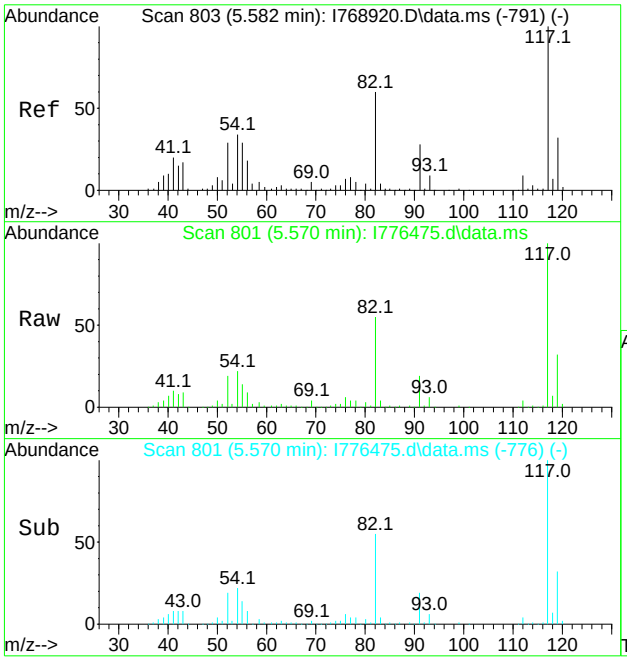


#75
2-hexanone
Concen: 116.3831 ug/L
RT: 5.369 min Scan# 768
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 43 Resp: 314754

Ion	Ratio	Lower	Upper
43	100		
58	56.9	22.9	82.9
57	48.2	8.7	68.7

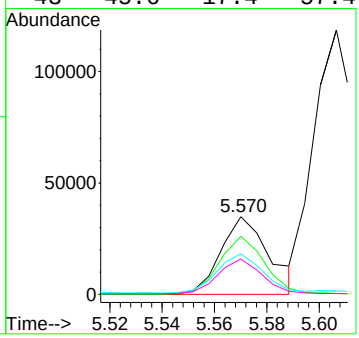


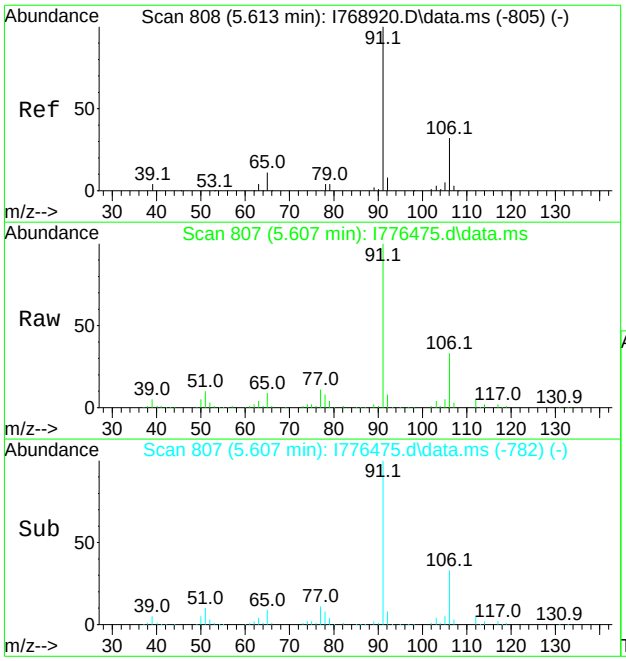


#76
1-Chlorohexane
Concen: 23.4637 ug/L m
RT: 5.570 min Scan# 801
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 44639

Ion	Ratio	Lower	Upper
91	100		
55	74.6	41.1	81.1
41	52.5	27.9	67.9
43	45.6	17.4	57.4

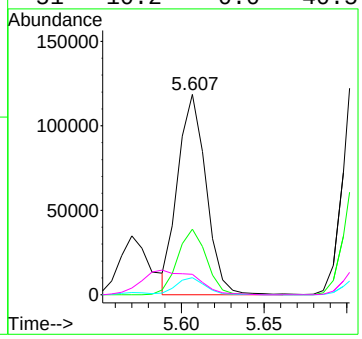


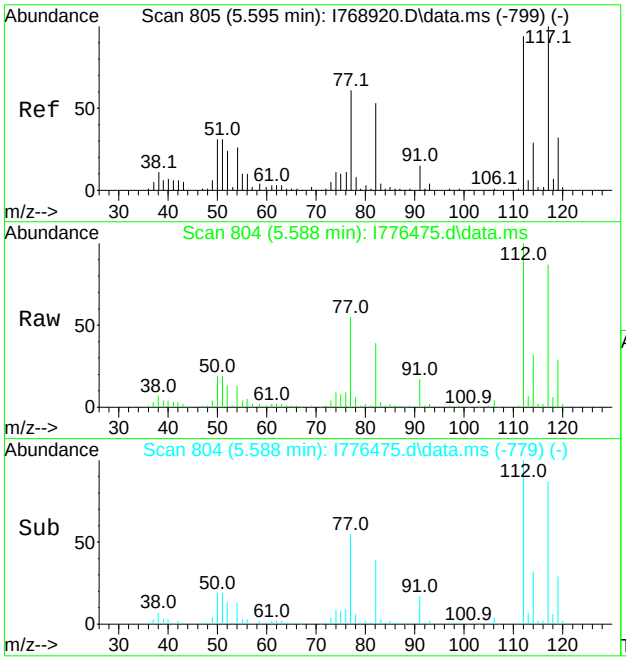


#77
Ethylbenzene
Concen: 22.6869 ug/L m
RT: 5.607 min Scan# 807
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 141315

Ion	Ratio	Lower	Upper
91	100		
106	32.7	0.9	60.9
65	8.6	0.0	38.6
51	10.2	0.0	40.5

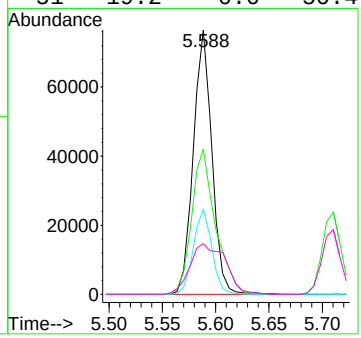


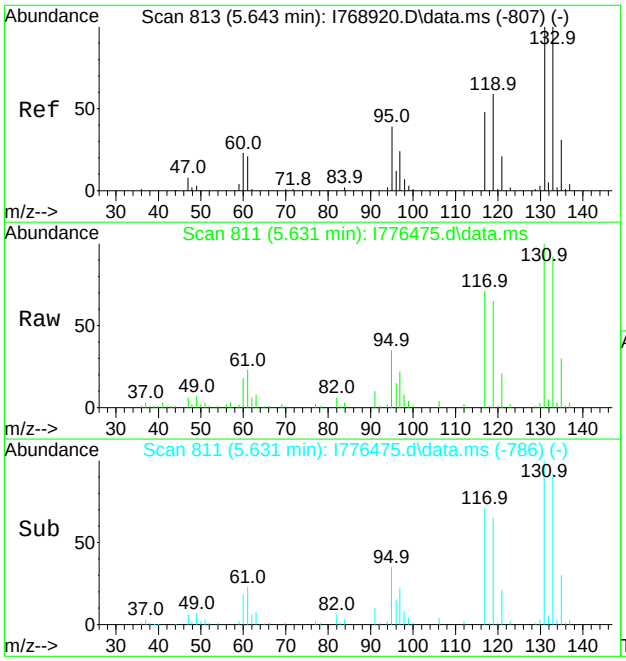


#78
Chlorobenzene
Concen: 24.9436 ug/L
RT: 5.588 min Scan# 804
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:112 Resp: 93278

Ion	Ratio	Lower	Upper
112	100		
77	54.9	26.5	86.5
114	32.2	2.4	62.4
51	19.2	0.0	50.4

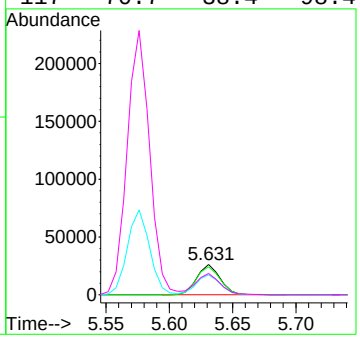


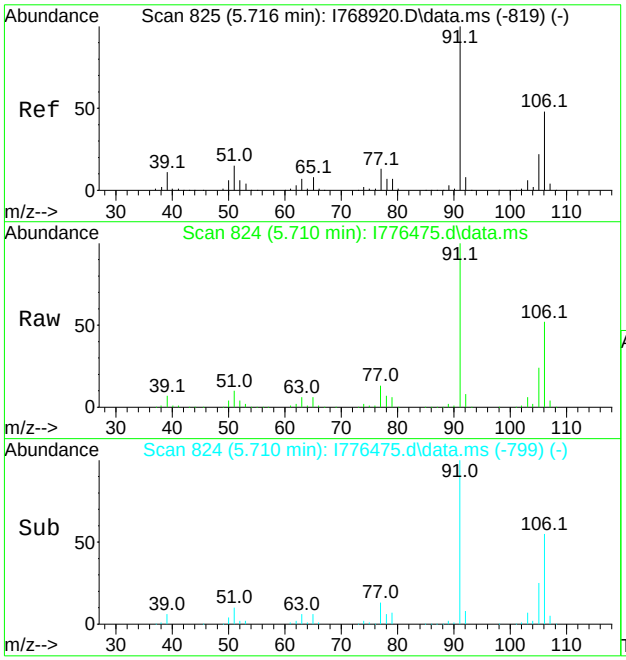


#79
1,1,1,2-Tetrachloroethane
Concen: 23.7241 ug/L
RT: 5.631 min Scan# 811
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:131 Resp: 33795

Ion	Ratio	Lower	Upper
131	100		
133	92.4	65.0	125.0
119	65.5	35.0	95.0
117	70.7	38.4	98.4

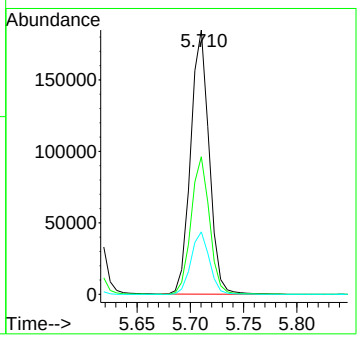


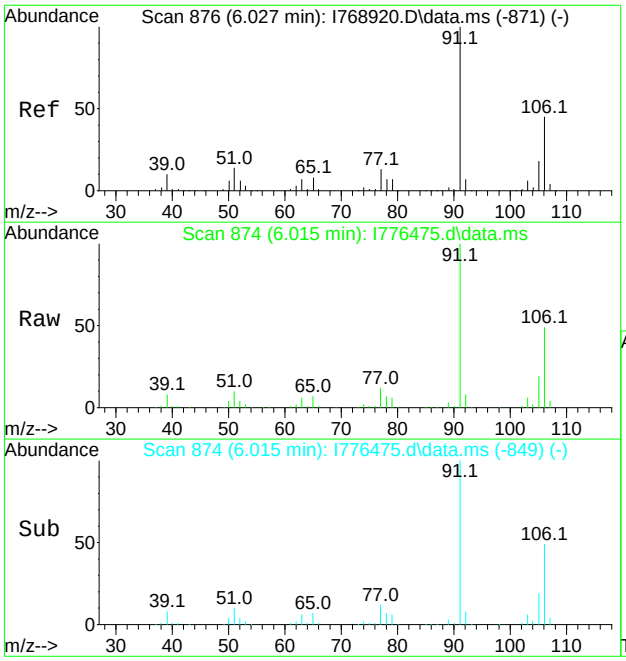


#80
m,p-Xylene
Concen: 46.0938 ug/L
RT: 5.710 min Scan# 824
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 223994

Ion	Ratio	Lower	Upper
91	100		
106	52.1	18.5	78.5
105	23.7	0.0	51.8

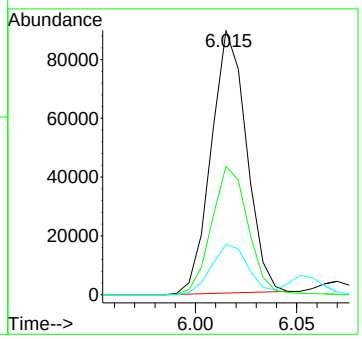


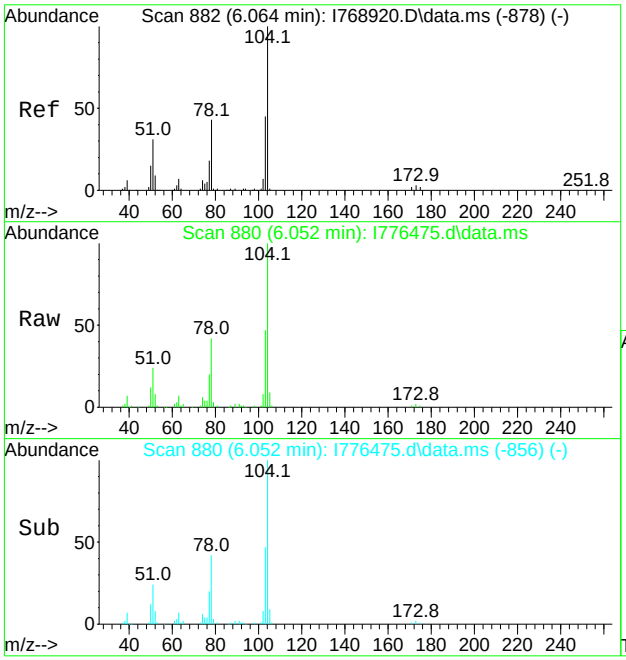


#81
o-Xylene
Concen: 22.3164 ug/L
RT: 6.015 min Scan# 874
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 108384

Ion	Ratio	Lower	Upper
91	100		
106	48.6	17.4	77.4
105	19.1	0.0	49.4

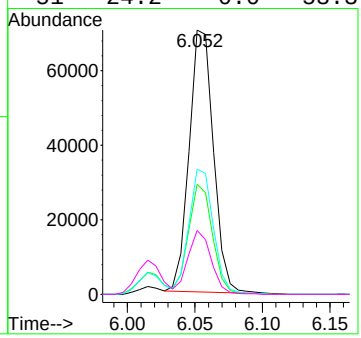


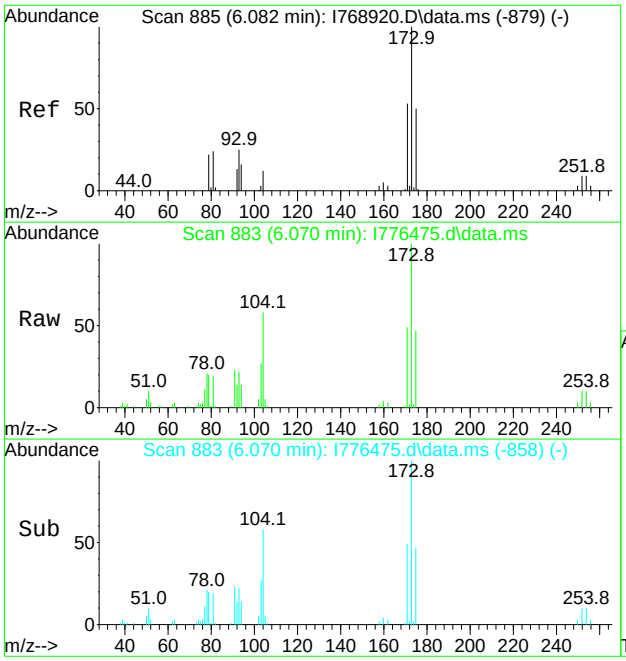


#82
Styrene
Concen: 23.0387 ug/L
RT: 6.052 min Scan# 880
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:104 Resp: 88182

Ion	Ratio	Lower	Upper
104	100		
78	41.7	13.6	73.6
103	47.4	16.8	76.8
51	24.2	0.0	53.3

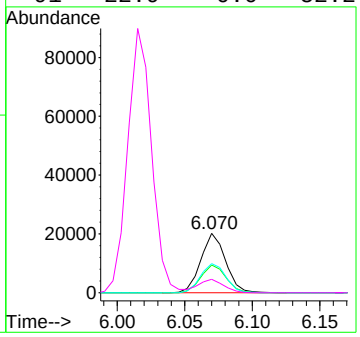


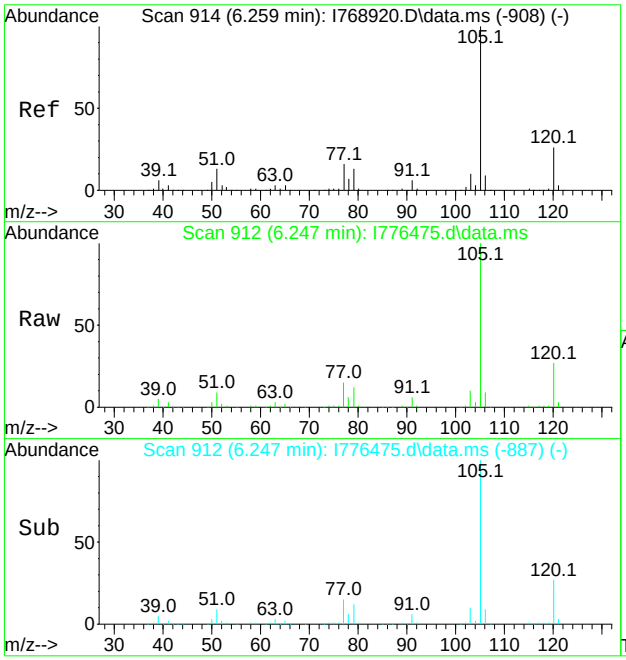


#83
Bromoform
Concen: 22.0237 ug/L
RT: 6.070 min Scan# 883
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:173 Resp: 25851

Ion	Ratio	Lower	Upper
173	100		
175	46.6	17.9	77.9
171	49.1	20.9	80.9
91	22.9	0.0	52.2

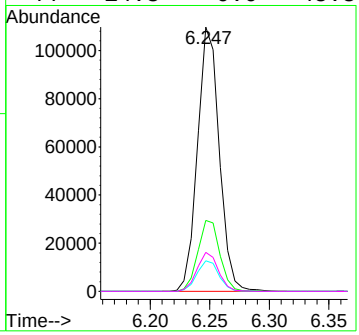


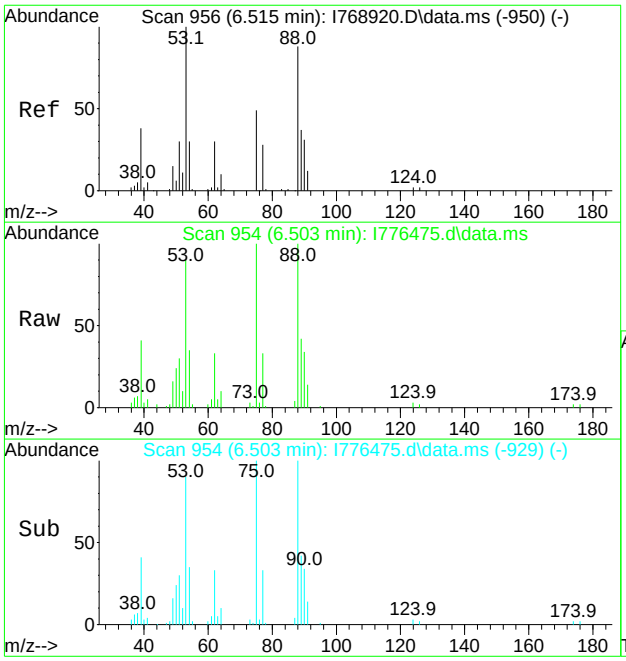


#84
Isopropylbenzene
Concen: 23.0420 ug/L
RT: 6.247 min Scan# 912
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:105 Resp: 139214

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	57.6
79	11.6	0.0	42.2
77	14.8	0.0	45.8

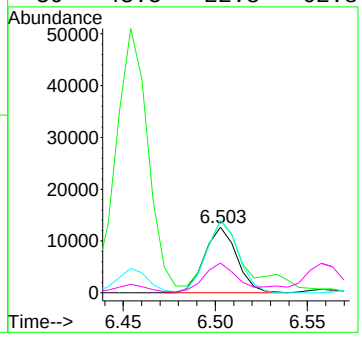


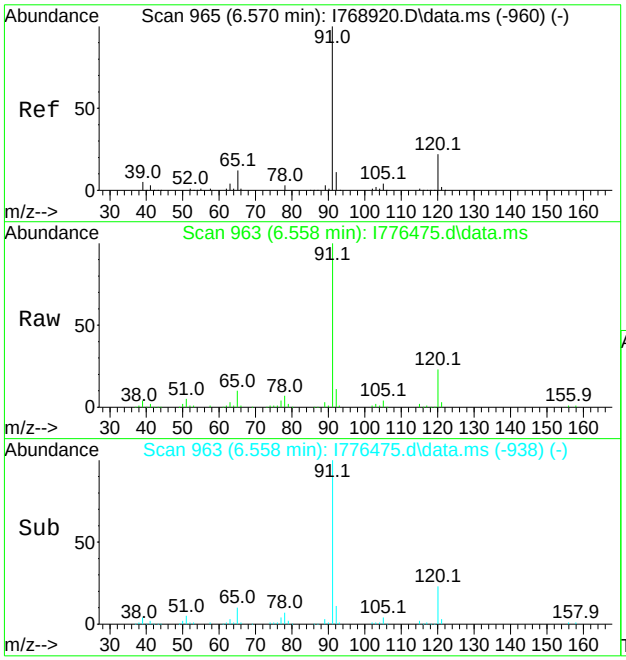


#87
cis-1,4-Dichloro-2-butene
Concen: 18.0070 ug/L
RT: 6.503 min Scan# 954
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 53 Resp: 15455

Ion	Ratio	Lower	Upper
53	100		
75	91.1	68.2	108.2
88	110.6	101.4	141.4
39	43.5	22.8	62.8

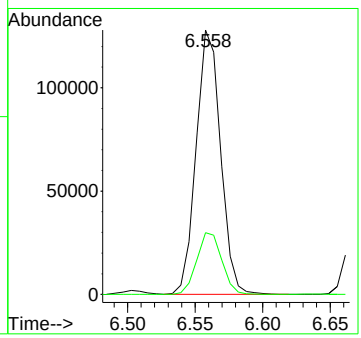


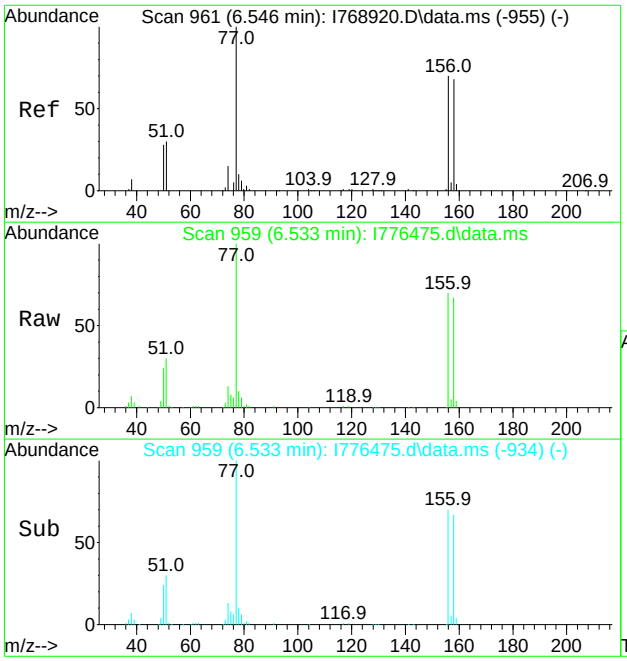


#88
n-Propylbenzene
Concen: 23.5678 ug/L
RT: 6.558 min Scan# 963
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 161449

Ion	Ratio	Lower	Upper
91	100		
120	23.3	0.0	53.4

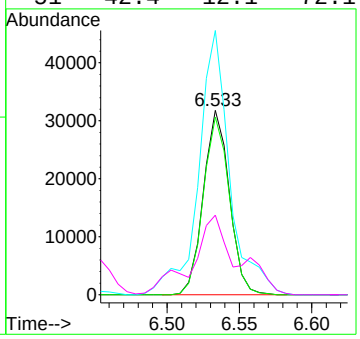


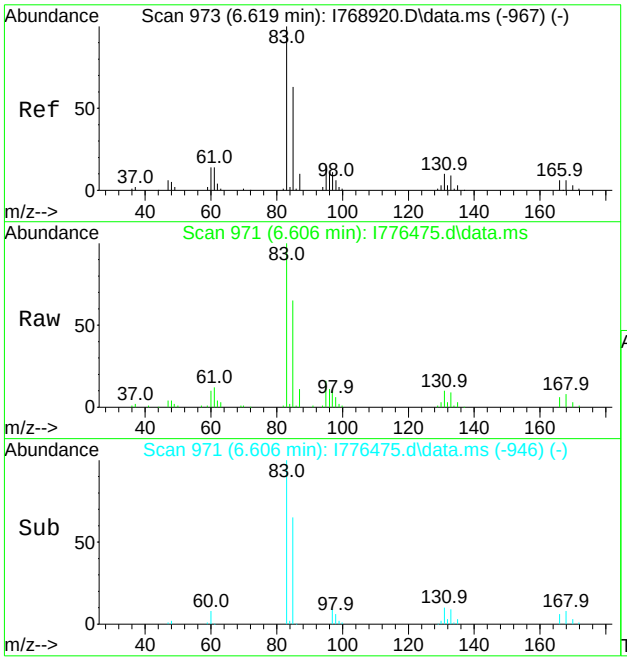


#89
Bromobenzene
Concen: 25.0732 ug/L
RT: 6.533 min Scan# 959
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:156 Resp: 39670

Ion	Ratio	Lower	Upper
156	100		
158	96.5	67.3	127.3
77	142.6	112.5	172.5
51	42.4	12.1	72.1

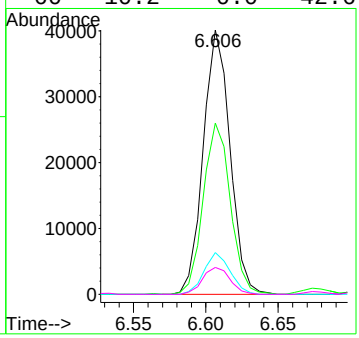


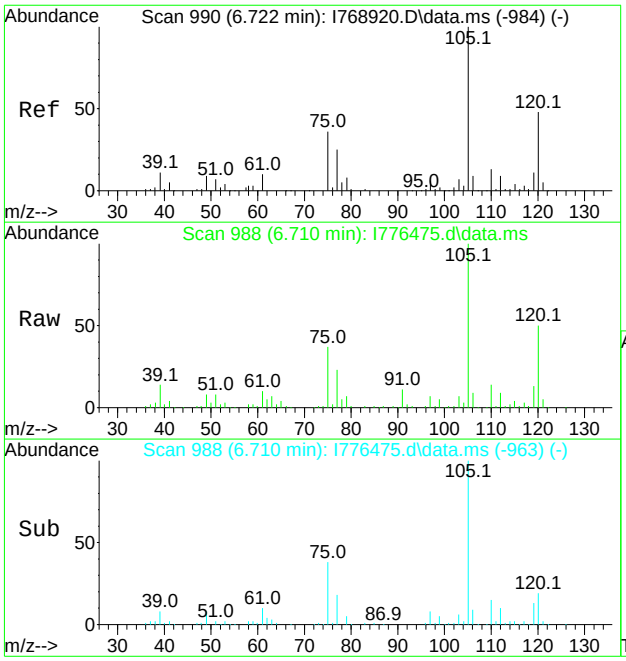


#90
1,1,2,2-Tetrachloroethane
Concen: 25.2293 ug/L
RT: 6.606 min Scan# 971
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 83 Resp: 51842

Ion	Ratio	Lower	Upper
83	100		
85	64.7	34.7	94.7
95	15.8	0.0	46.9
60	10.2	0.0	42.6

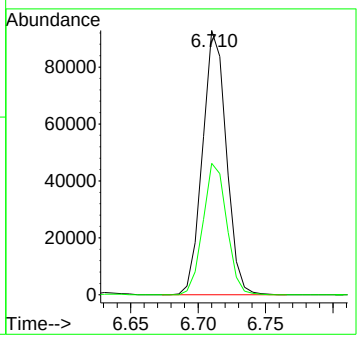


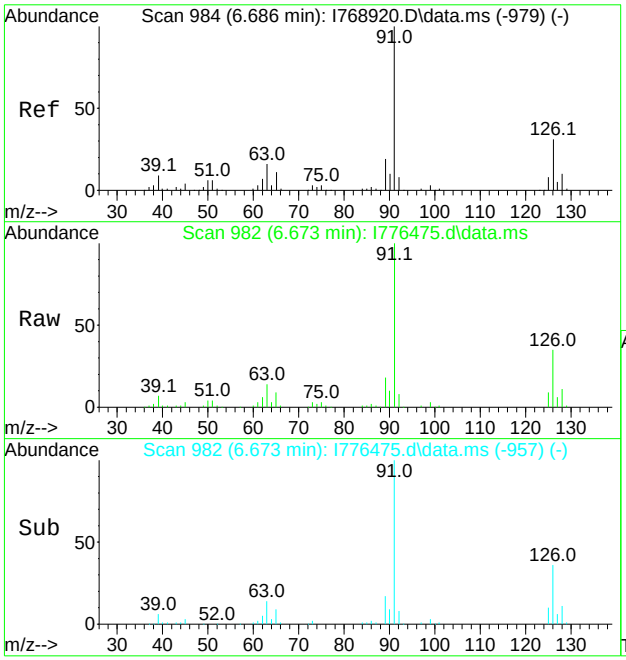


#91
1,3,5-Trimethylbenzene
Concen: 22.8872 ug/L
RT: 6.710 min Scan# 988
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:105 Resp: 114011

Ion	Ratio	Lower	Upper
105	100		
120	49.7	19.5	79.5

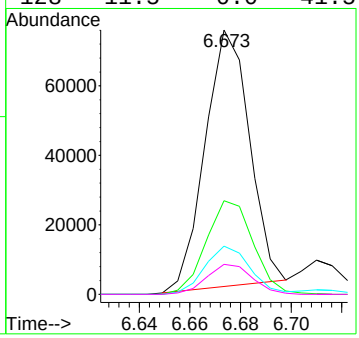


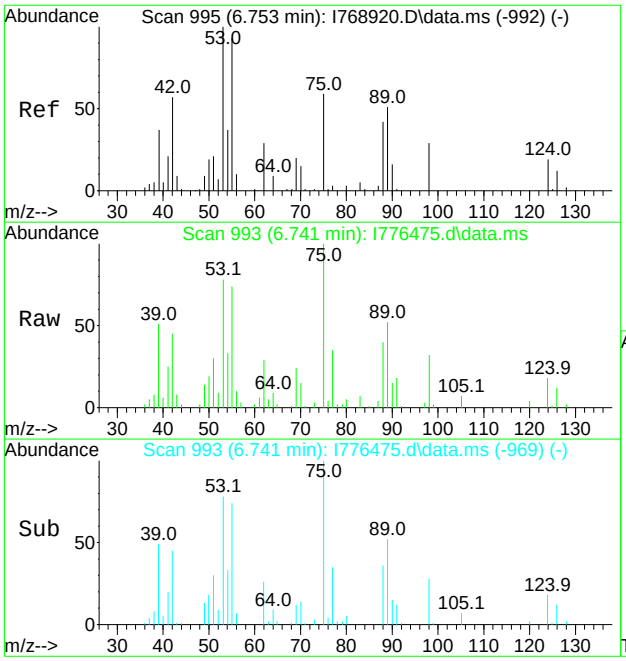


#92
2-Chlorotoluene
Concen: 23.9455 ug/L
RT: 6.673 min Scan# 982
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 90491

Ion	Ratio	Lower	Upper
91	100		
126	35.6	6.4	66.4
89	18.4	0.0	49.2
128	11.5	0.0	41.5

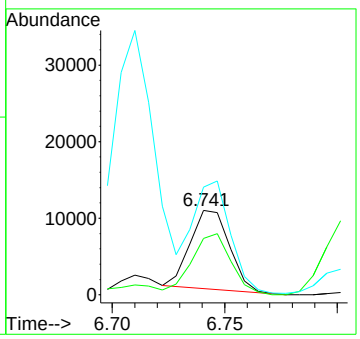


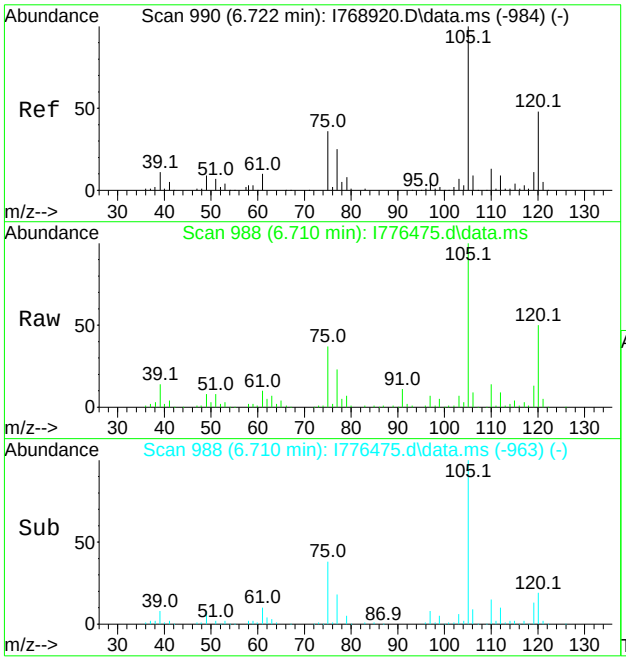


#93
trans-1,4-Dichloro-2-Butene
Concen: 18.7343 ug/L
RT: 6.741 min Scan# 993
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 53 Resp: 12312

Ion	Ratio	Lower	Upper
53	100		
89	66.7	56.1	96.1
75	126.1	125.0	165.0

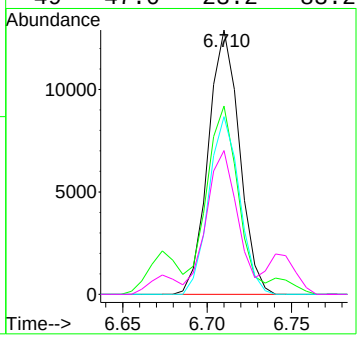


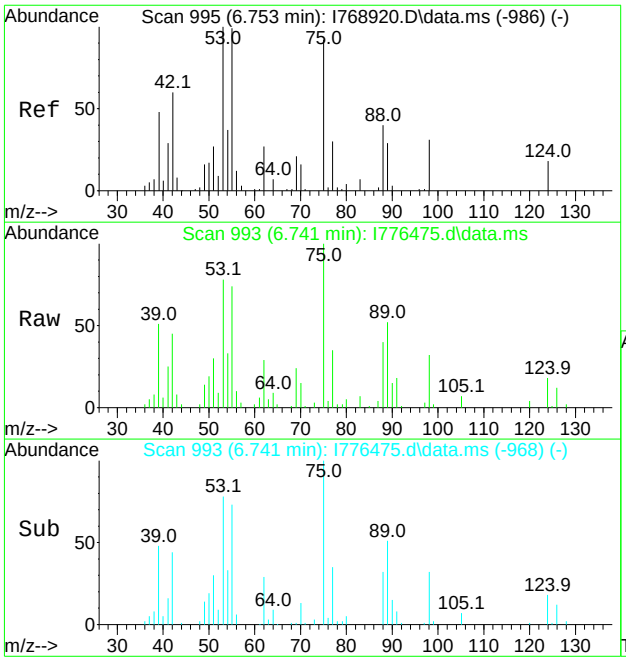


#94
1,2,3-Trichloropropane
Concen: 23.7492 ug/L
RT: 6.710 min Scan# 988
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:110 Resp: 16595

Ion	Ratio	Lower	Upper
110	100		
61	65.8	36.4	96.4
112	67.2	32.9	92.9
49	47.0	23.2	83.2

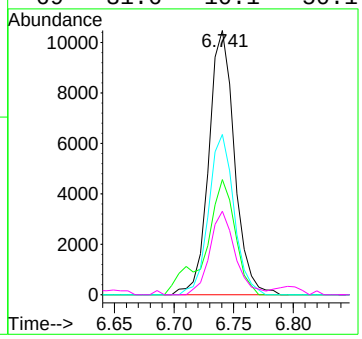


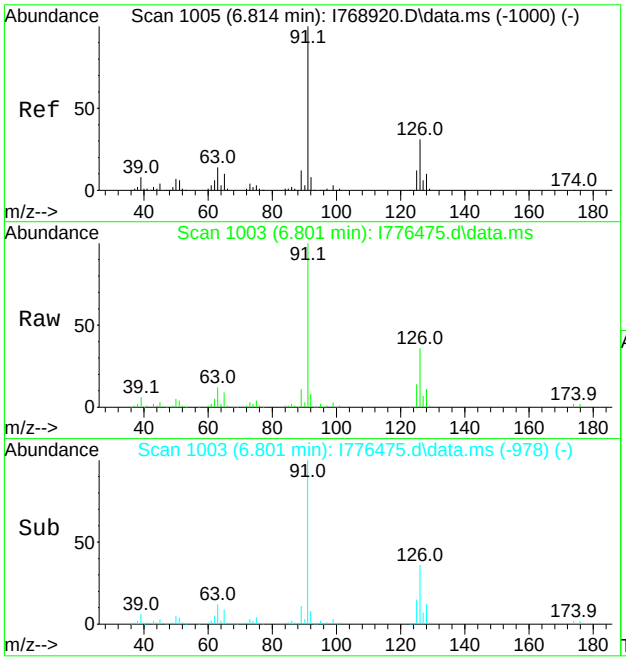


#95
Cyclohexanone
Concen: 103.2073 ug/L
RT: 6.741 min Scan# 993
Delta R.T. 0.001 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 55 Resp: 15706

Ion	Ratio	Lower	Upper
55	100		
98	43.6	26.9	66.9
42	60.7	48.5	88.5
69	31.6	10.1	50.1

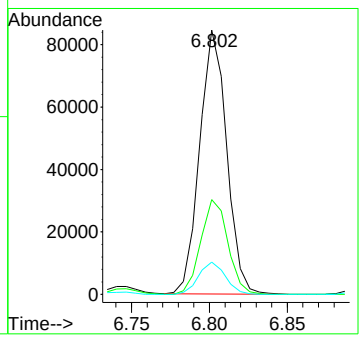


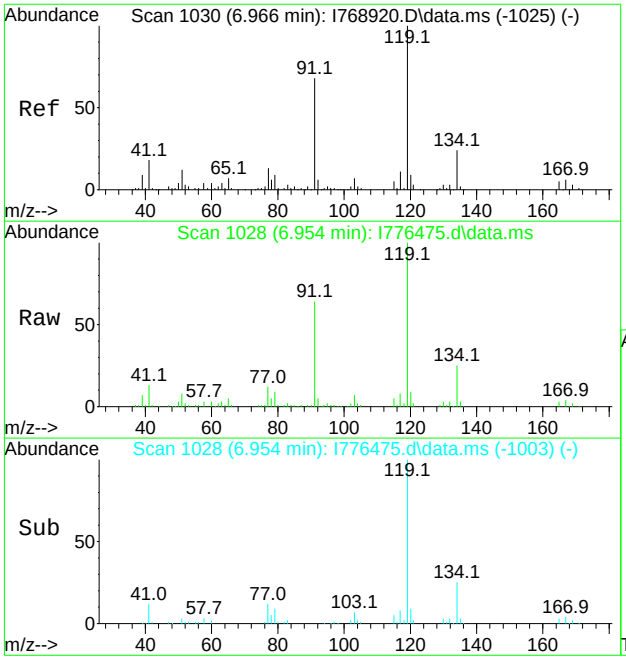


#96
4-Chlorotoluene
Concen: 23.3591 ug/L
RT: 6.801 min Scan# 1003
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 101909

Ion	Ratio	Lower	Upper
91	100		
126	35.8	6.2	66.2
63	12.2	0.0	42.7

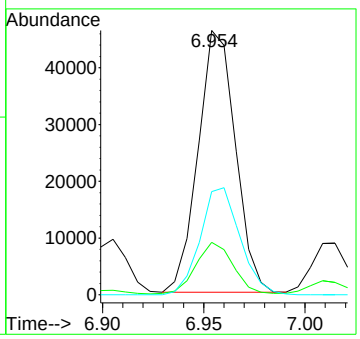


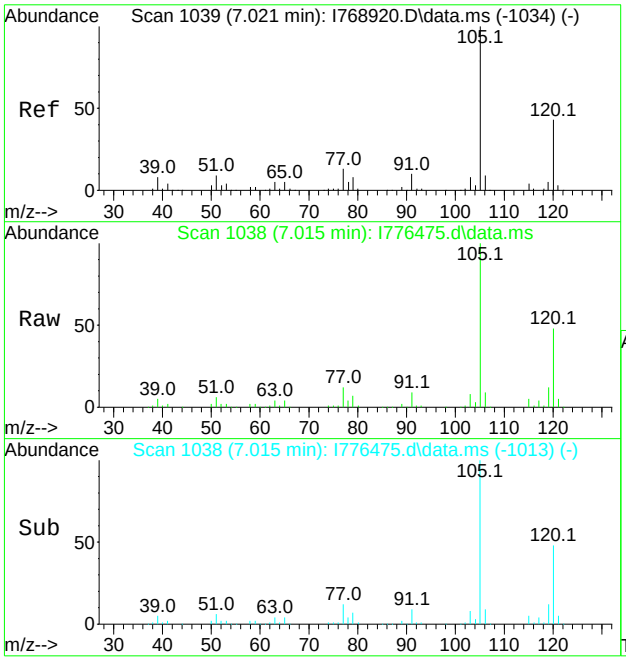


#97
tert-Butylbenzene
Concen: 22.2871 ug/L
RT: 6.954 min Scan# 1028
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 91 Resp: 59195

Ion	Ratio	Lower	Upper
91	100		
41	19.5	0.0	47.2
134	39.4	8.6	68.6

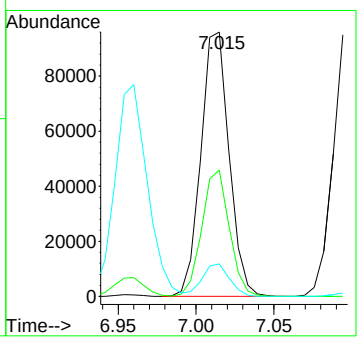


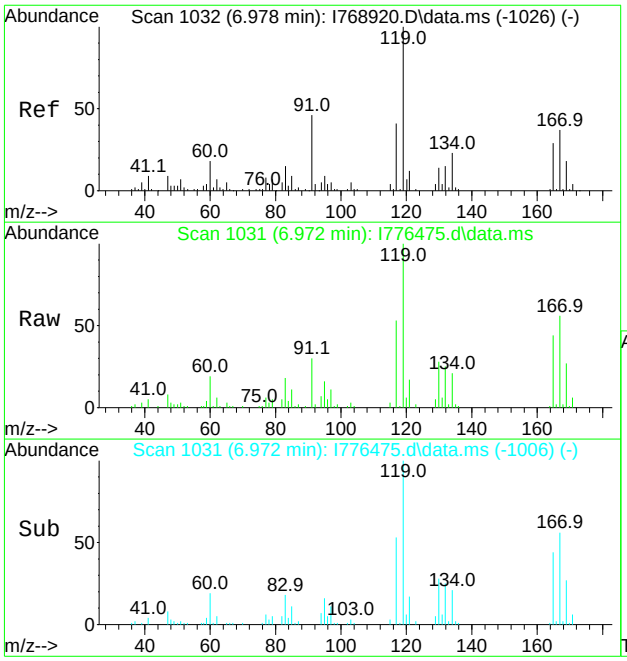


#98
1,2,4-Trimethylbenzene
Concen: 24.6789 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:105 Resp: 120700

Ion	Ratio	Lower	Upper
105	100		
120	47.9	16.3	76.3
119	12.3	0.0	42.2

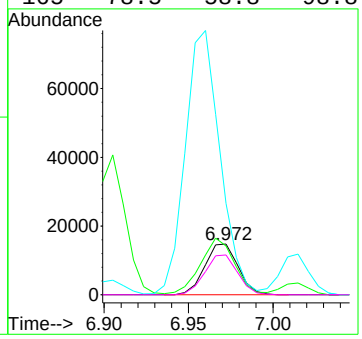


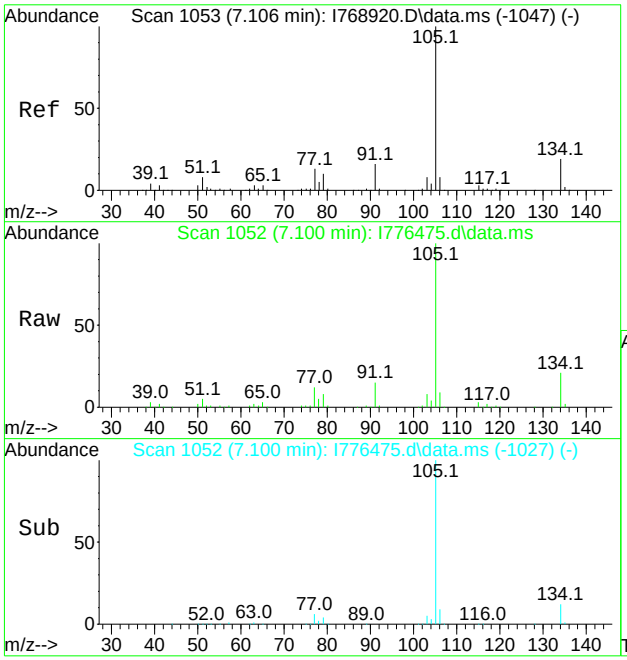


#99
Pentachloroethane
Concen: 22.6365 ug/L
RT: 6.972 min Scan# 1031
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:167 Resp: 20344

Ion	Ratio	Lower	Upper
167	100		
117	94.1	71.5	131.5
119	161.9	157.1	217.1
165	78.5	58.8	98.8

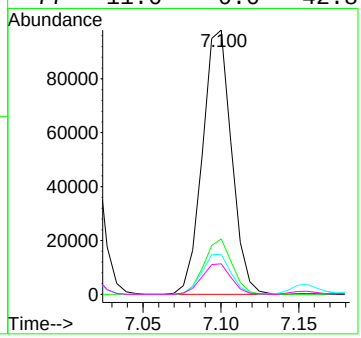


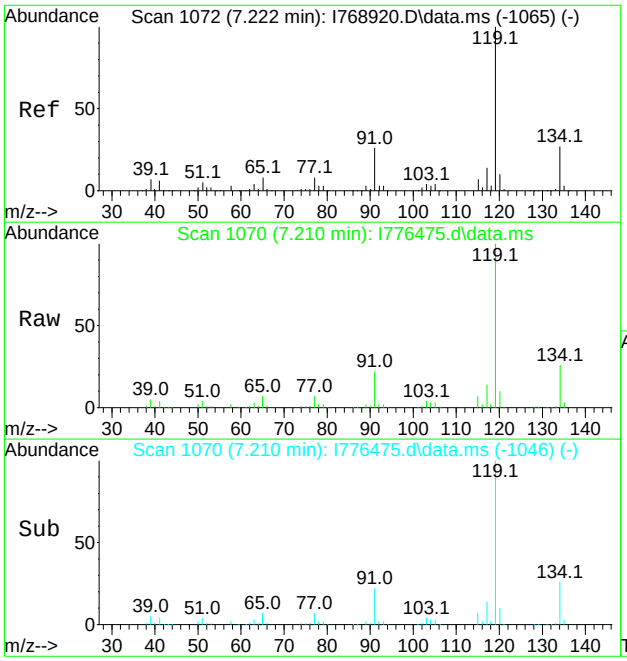


#100
sec-Butylbenzene
Concen: 22.2224 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:105 Resp: 127031

Ion	Ratio	Lower	Upper
105	100		
134	21.0	0.0	51.0
91	15.2	0.0	46.6
77	11.6	0.0	42.8

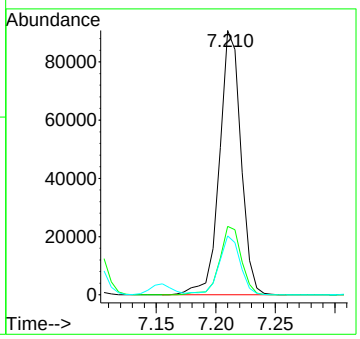


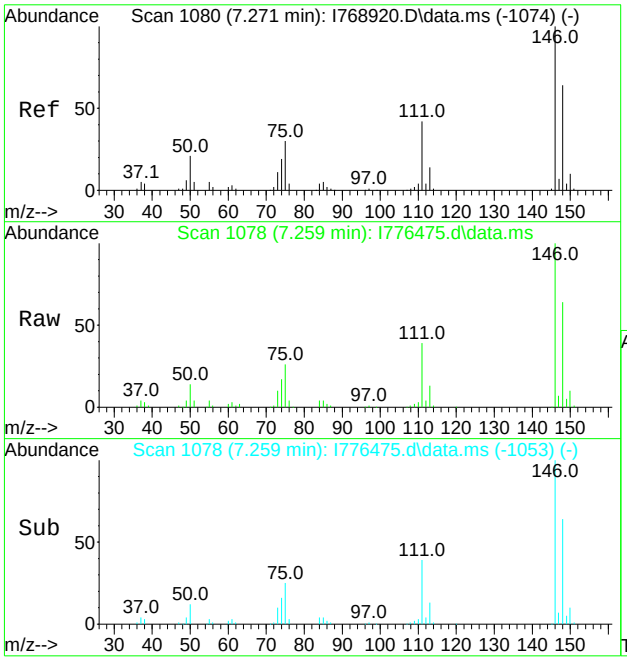


#101
4-Isopropyltoluene
Concen: 22.9648 ug/L
RT: 7.210 min Scan# 1070
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:119 Resp: 113115

Ion	Ratio	Lower	Upper
119	100		
134	25.9	0.0	56.9
91	22.3	0.0	54.0

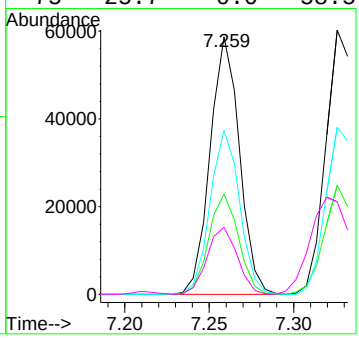


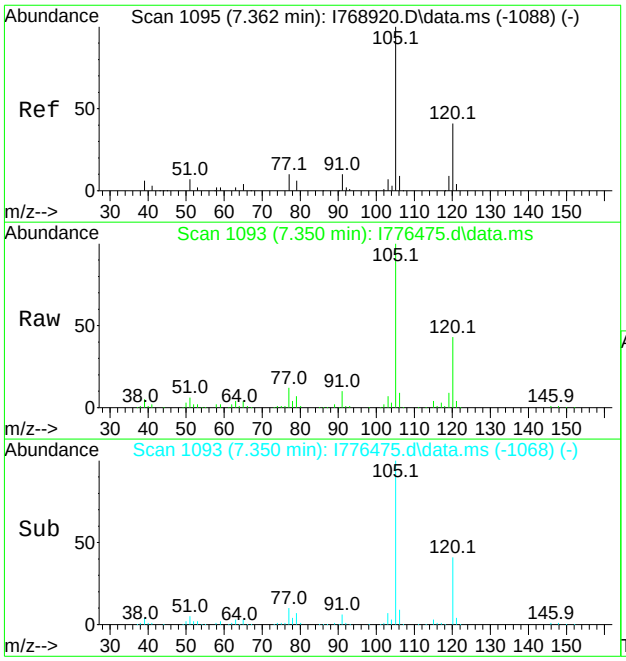


#102
1,3-Dichlorobenzene
Concen: 25.1786 ug/L
RT: 7.259 min Scan# 1078
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:146 Resp: 71306

Ion	Ratio	Lower	Upper
146	100		
111	38.9	11.2	71.2
148	63.6	35.0	95.0
75	25.7	0.0	58.5

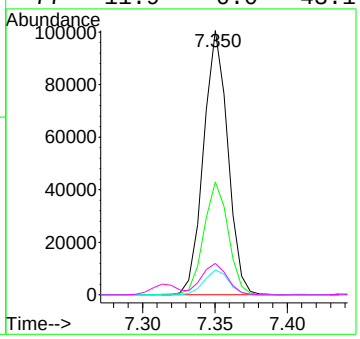


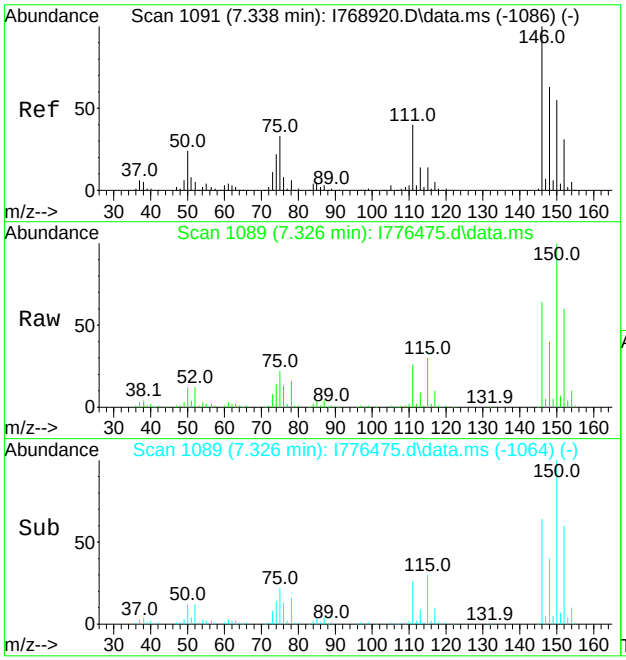


#103
1,2,3-Trimethylbenzene
Concen: 23.0982 ug/L
RT: 7.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:105 Resp: 117047

Ion	Ratio	Lower	Upper
105	100		
120	42.7	12.3	72.3
119	9.4	0.0	39.1
77	11.9	0.0	43.1

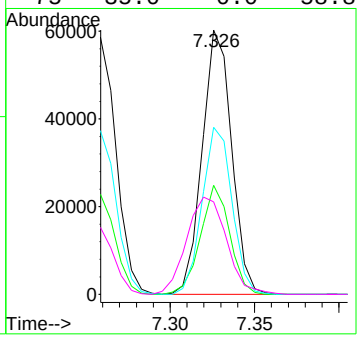


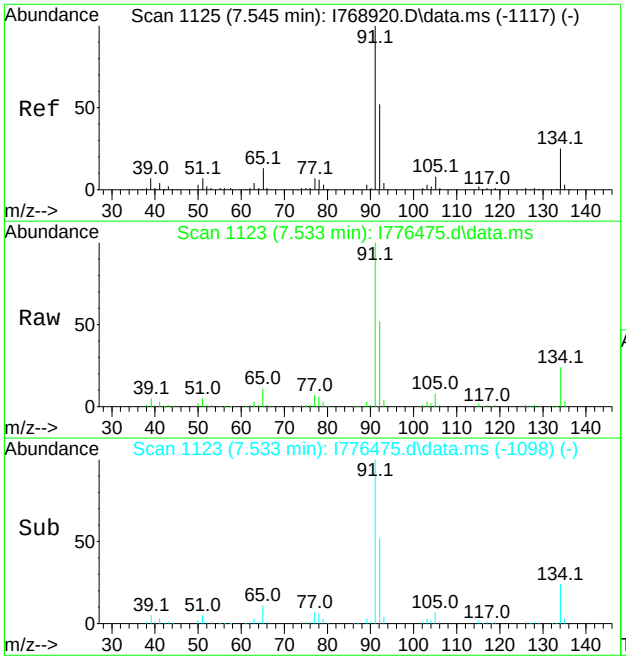


#104
1,4-Dichlorobenzene
Concen: 25.4239 ug/L
RT: 7.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:146 Resp: 73256

Ion	Ratio	Lower	Upper
146	100		
111	41.2	7.3	67.3
148	63.2	33.0	93.0
75	35.0	0.0	58.8

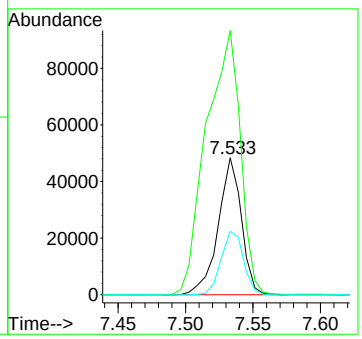


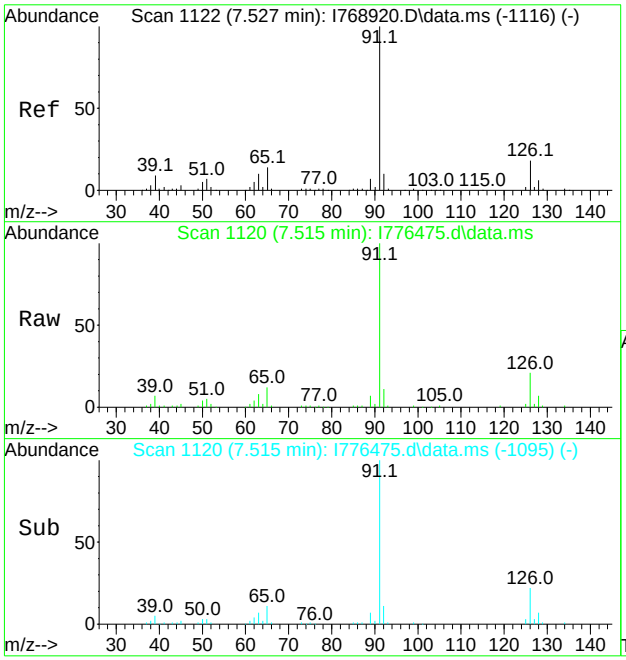


#105
n-Butylbenzene
Concen: 22.3350 ug/L
RT: 7.533 min Scan# 1123
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 92 Resp: 58008

Ion	Ratio	Lower	Upper
92	100		
91	192.9	185.8	245.8
134	46.2	17.1	77.1

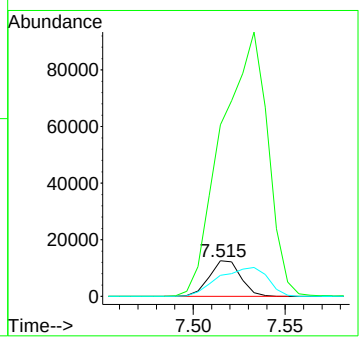


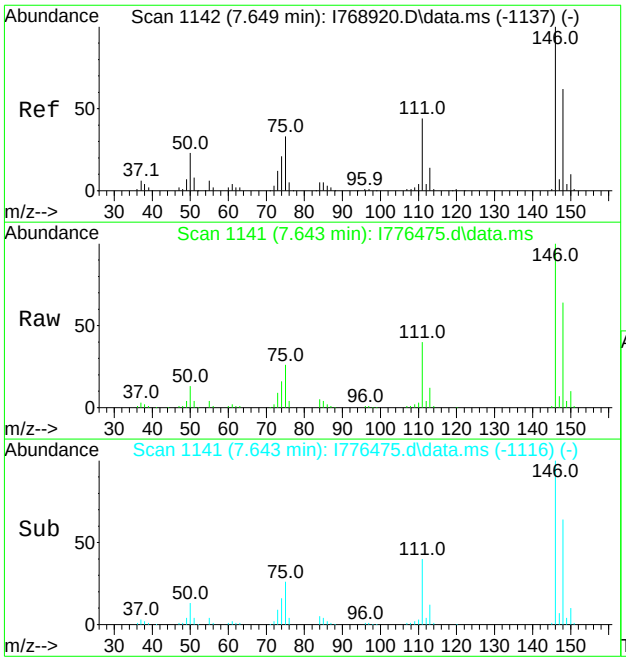


#106
Benzyl Chloride
Concen: 15.7862 ug/L
RT: 7.515 min Scan# 1120
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:126 Resp: 15033

Ion	Ratio	Lower	Upper
126	100		
91	482.3	478.6	518.6
65	59.6	36.8	76.8

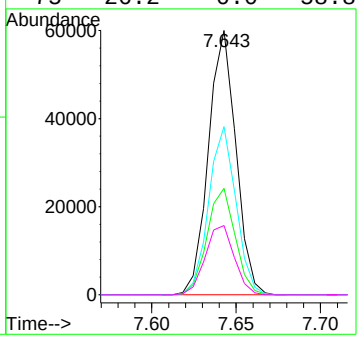


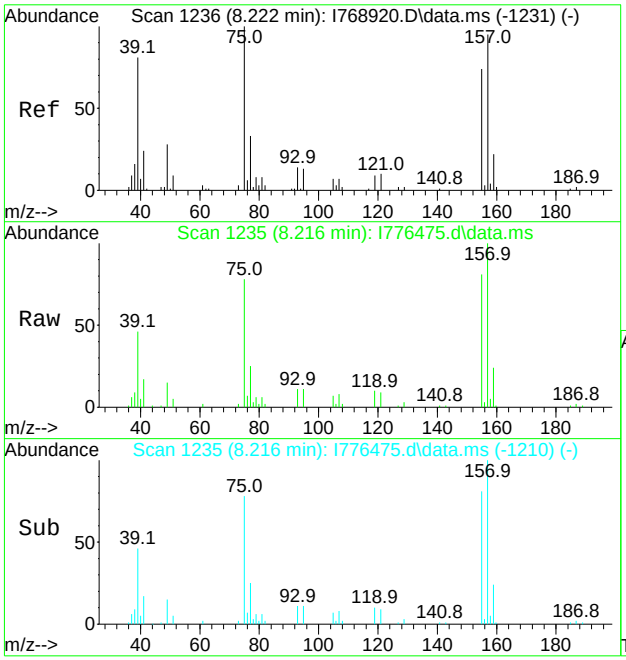


#107
1,2-Dichlorobenzene
Concen: 25.2147 ug/L
RT: 7.643 min Scan# 1141
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:146 Resp: 68073

Ion	Ratio	Lower	Upper
146	100		
111	40.2	11.5	71.5
148	63.6	33.9	93.9
75	26.2	0.0	58.8

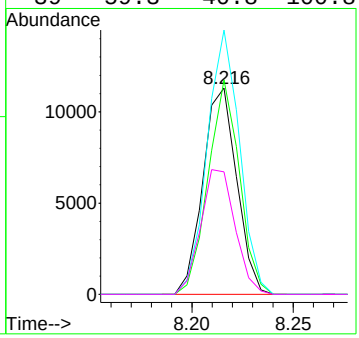


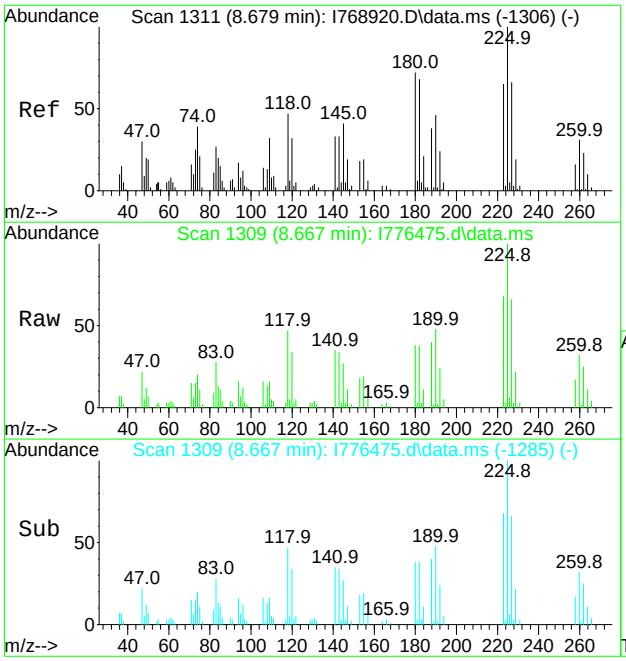


#108
1,2-Dibromo-3-Chloropropane
Concen: 20.8199 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion: 75 Resp: 13162

Ion	Ratio	Lower	Upper
75	100		
155	104.0	66.4	126.4
157	128.2	88.2	148.2
39	59.3	40.8	100.8

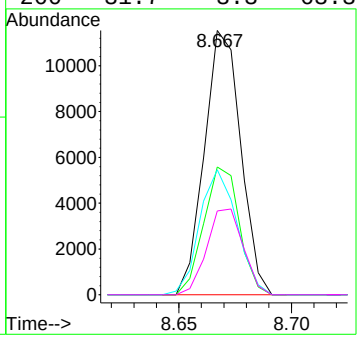


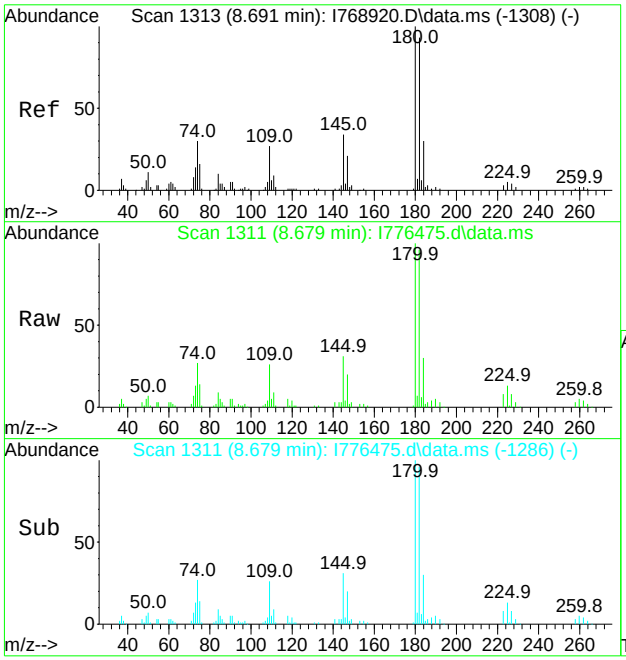


#109
Hexachlorobutadiene
Concen: 22.6579 ug/L
RT: 8.667 min Scan# 1309
Delta R.T. -0.006 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:225 Resp: 13010

Ion	Ratio	Lower	Upper
225	100		
190	48.4	19.5	79.5
118	47.3	17.0	77.0
260	31.7	3.3	63.3

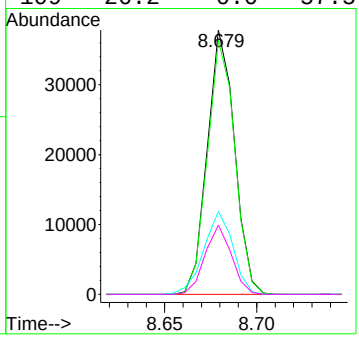


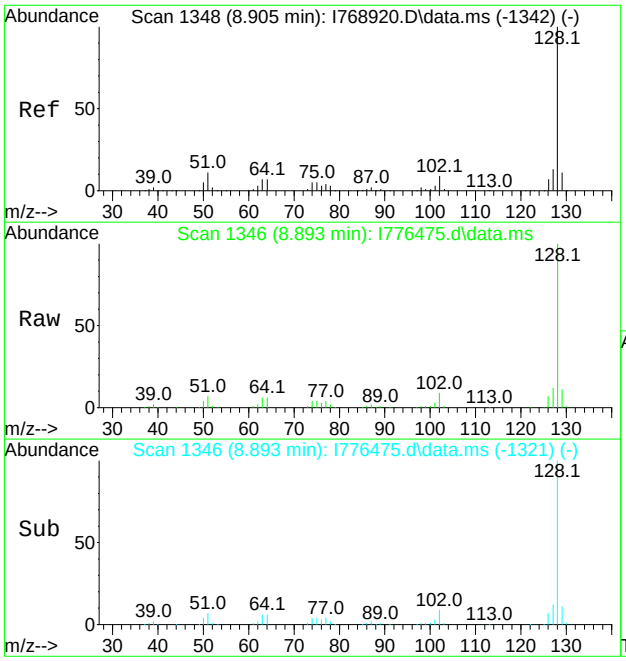


#110
1,2,4-Trichlorobenzene
Concen: 24.2609 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:180 Resp: 38923

Ion	Ratio	Lower	Upper
180	100		
182	96.0	63.7	123.7
145	31.4	2.8	62.8
109	26.2	0.0	57.5

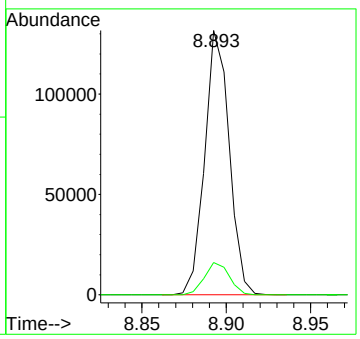


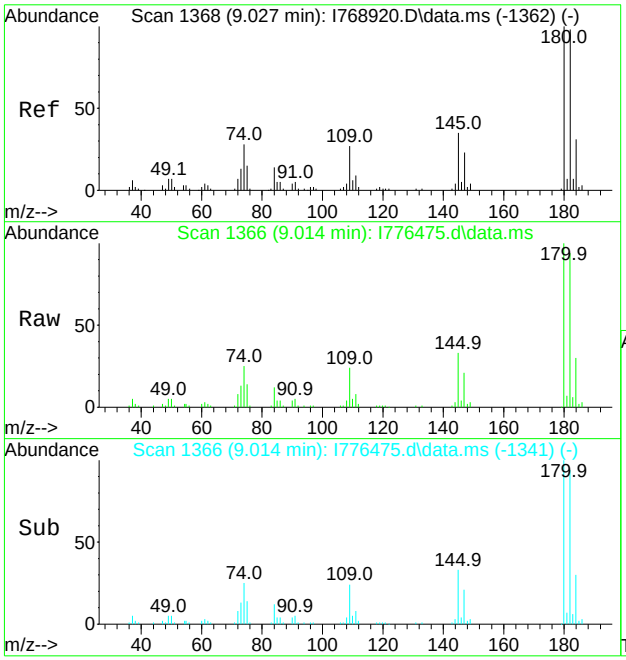


#111
Naphthalene
Concen: 22.8047 ug/L
RT: 8.893 min Scan# 1346
Delta R.T. -0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:128 Resp: 133028

Ion	Ratio	Lower	Upper
128	100		
127	12.2	0.0	42.8

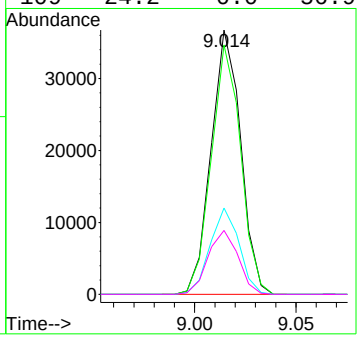




#112
1,2,3-Trichlorobenzene
Concen: 25.4936 ug/L
RT: 9.014 min Scan# 1366
Delta R.T. 0.000 min
Lab File: I776475.d
Acq: 8 Dec 2025 7:37 pm

Tgt Ion:180 Resp: 37325

Ion	Ratio	Lower	Upper
180	100		
182	94.4	68.0	128.0
145	32.6	3.8	63.8
109	24.2	0.0	56.9



Manual Integration Approval Summary

Sample Number: FC29756-8MS
Lab FileID: I776475.D
Injection Time: 12/08/25 19:37

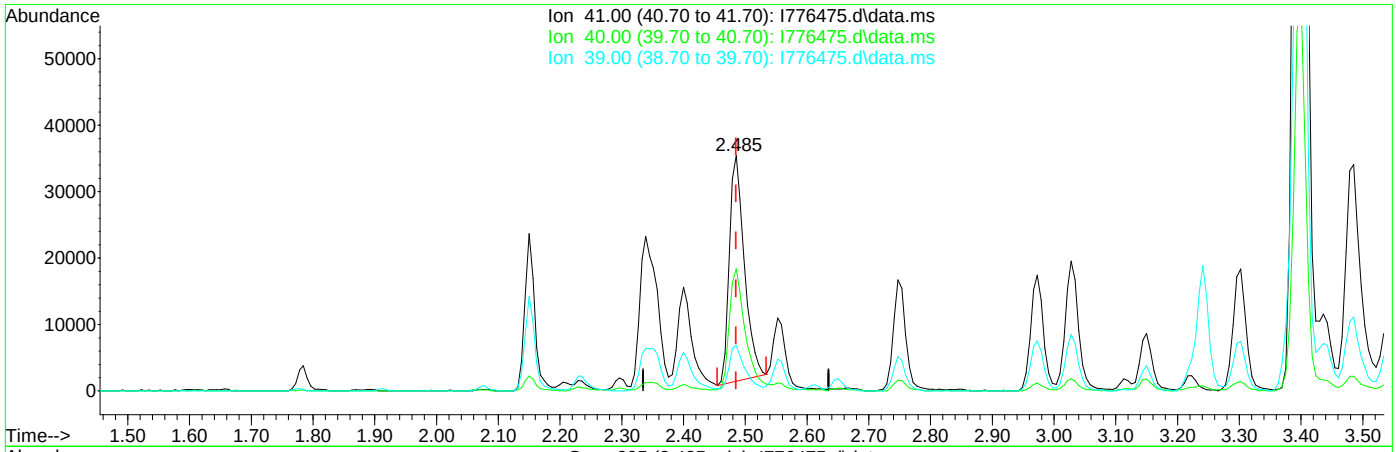
Method: SW846 8260D
Analyst approved: 12/09/25 00:51 Michaella Balido
Supervisor approved: 12/09/25 08:47 Karen Watson

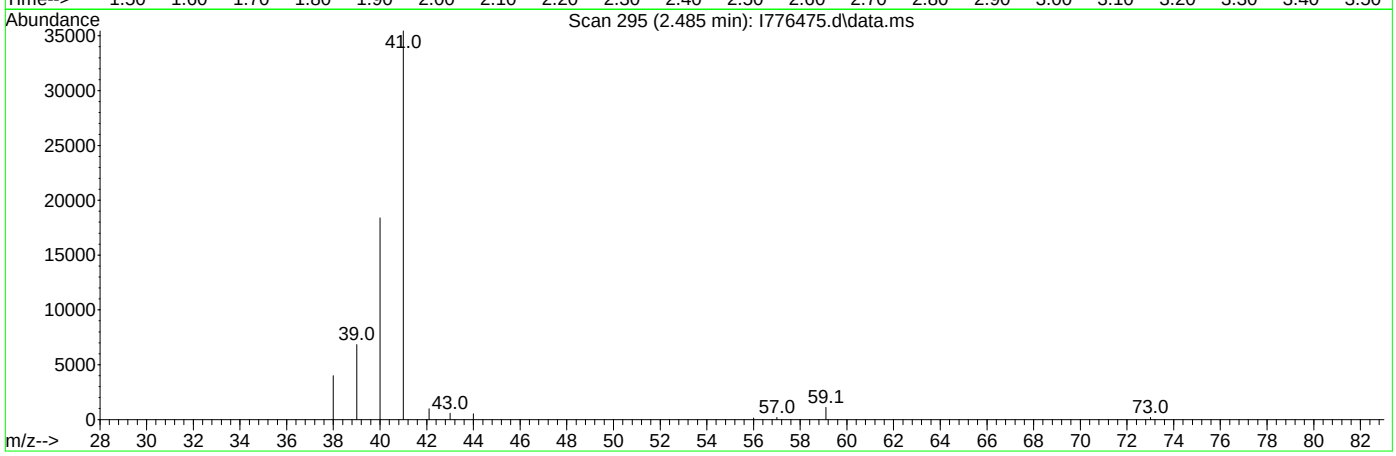
Parameter	CAS	Sig#	R.T. (min.)	Reason
Acetonitrile	75-05-8		2.49	Split peak
Carbon Tetrachloride	56-23-5		3.14	Split peak
1-Chlorohexane	544-10-5		5.57	Split peak
Ethylbenzene	100-41-4		5.61	Split peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(24) Acetonitrile

2.485min (+0.000) 194.85ug/L

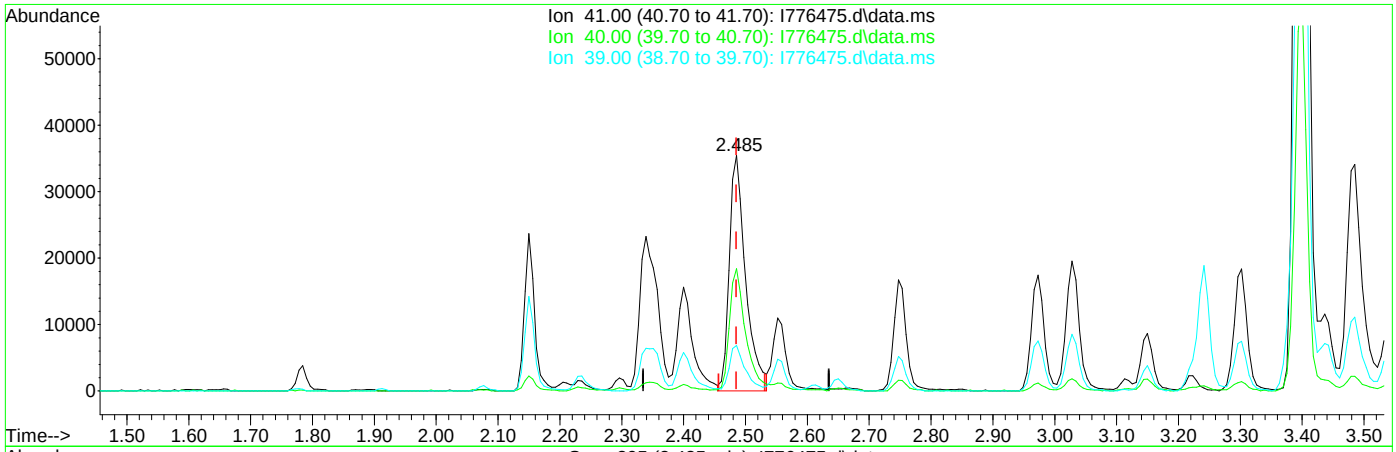
response 57209

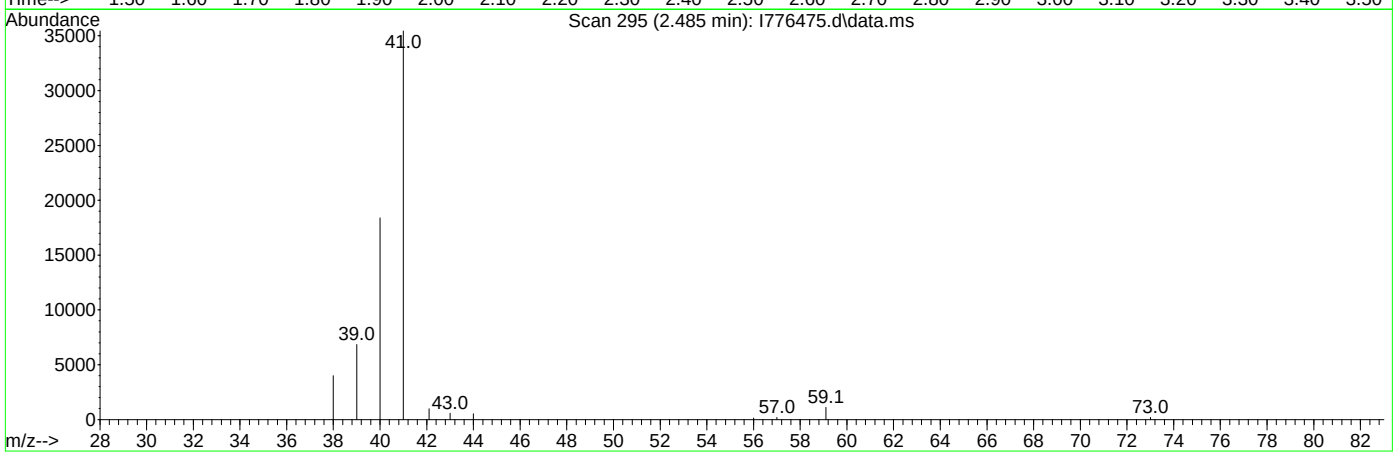
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.63
39.00	21.50	18.76
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(24) Acetonitrile

2.485min (+0.000) 226.28ug/L m

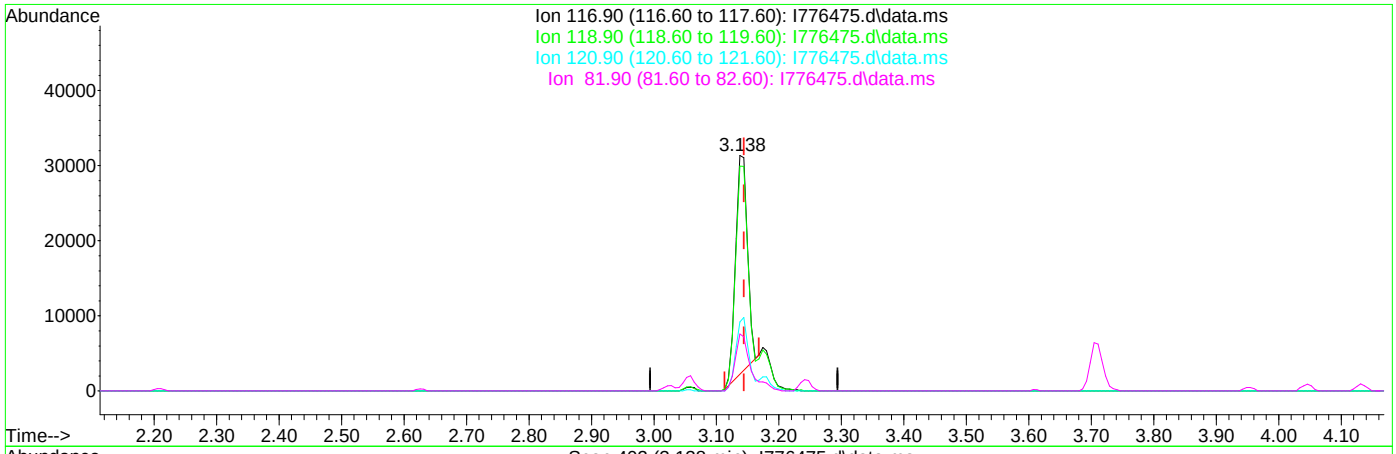
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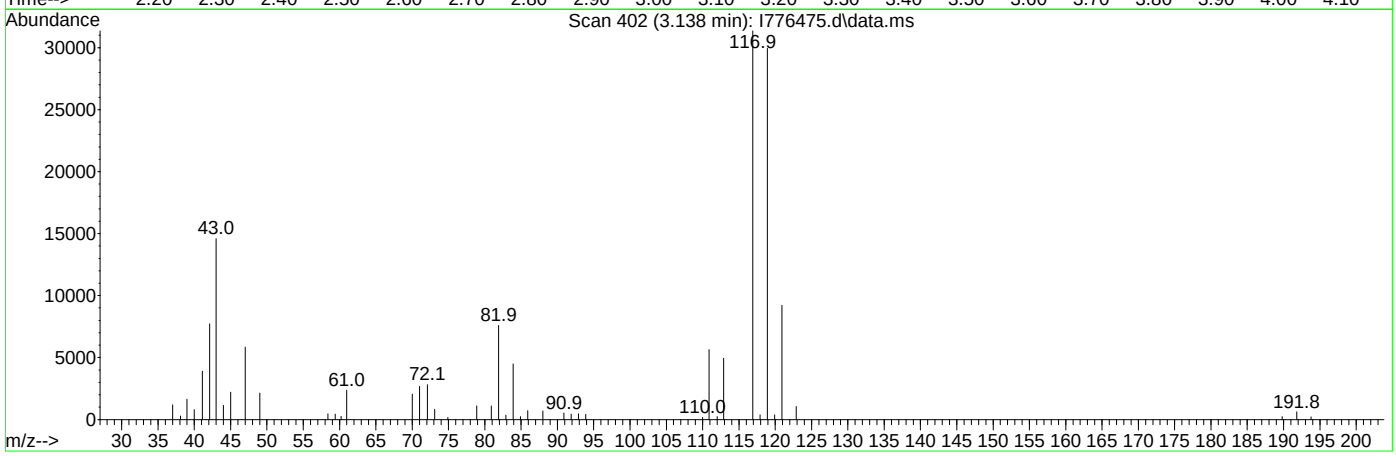
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.87
39.00	21.50	19.32
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 19.13ug/L

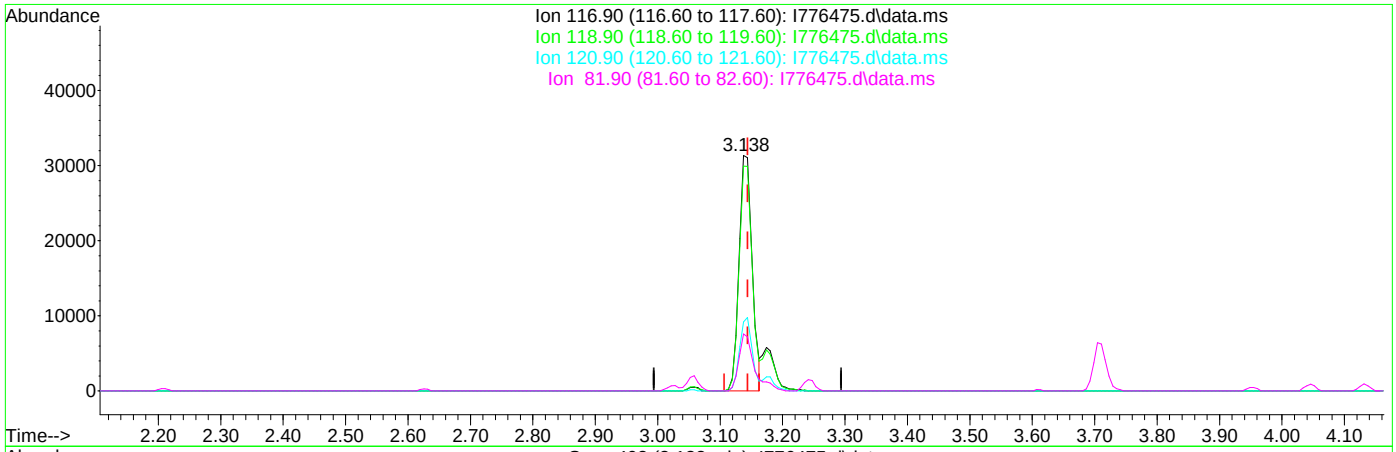
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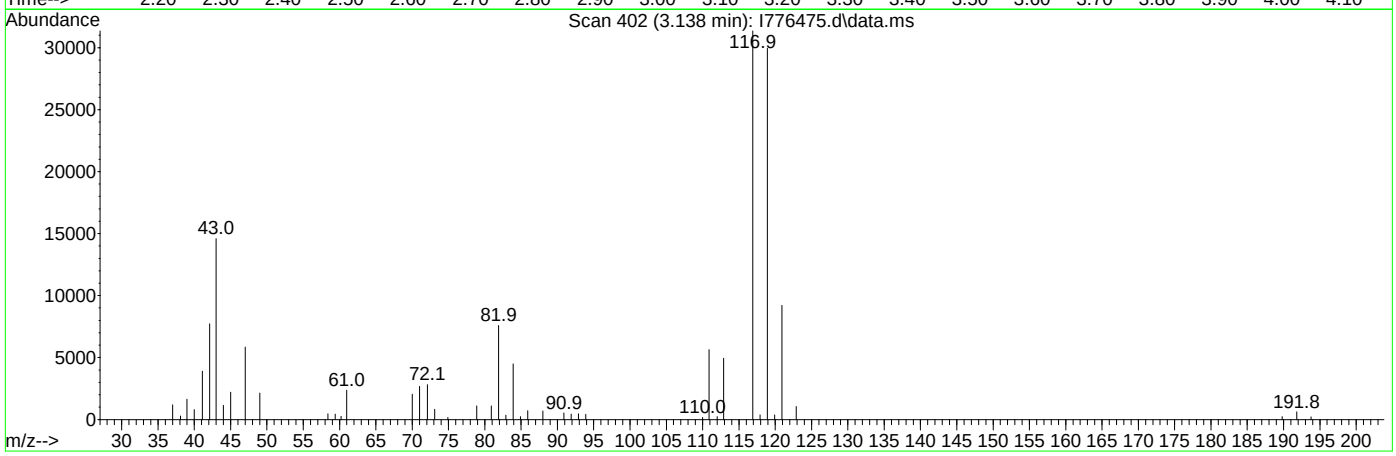
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.26
120.90	31.70	29.57
81.90	26.00	24.34

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 22.32ug/L m

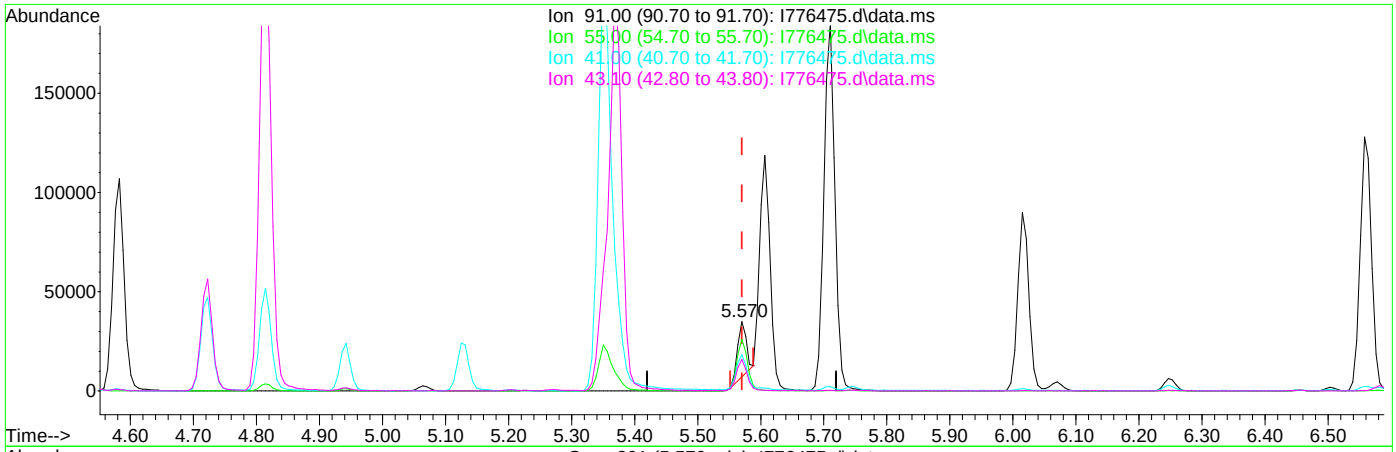
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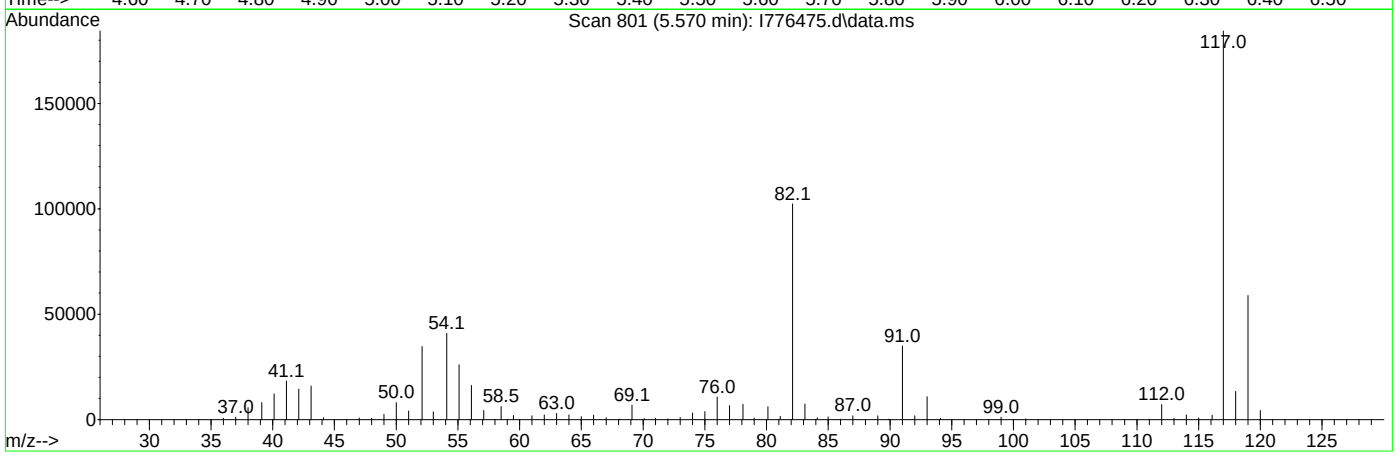
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.51
120.90	31.70	29.36
81.90	26.00	24.17

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 15.16ug/L

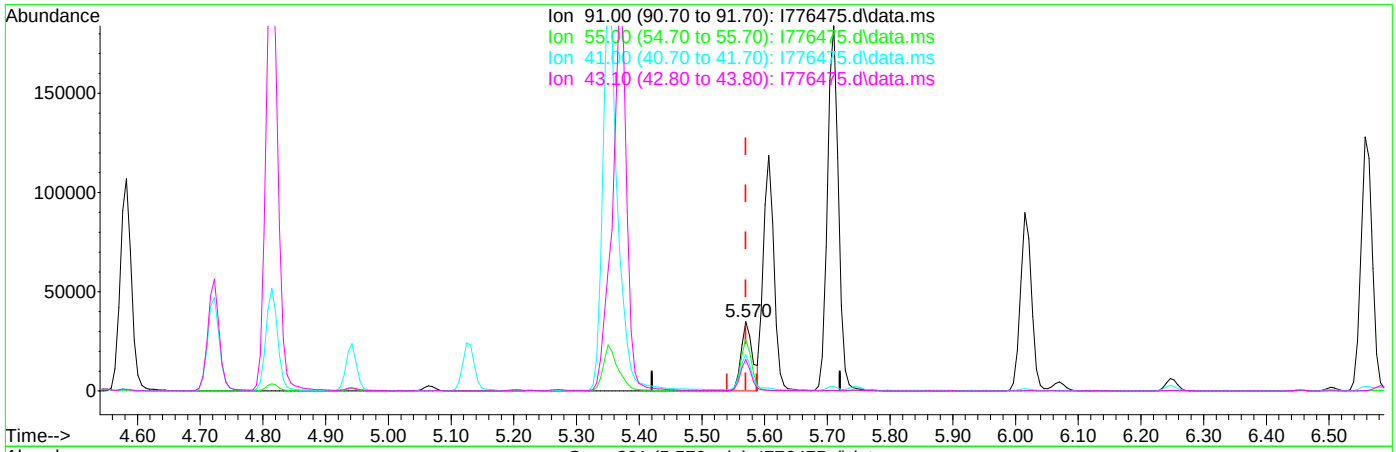
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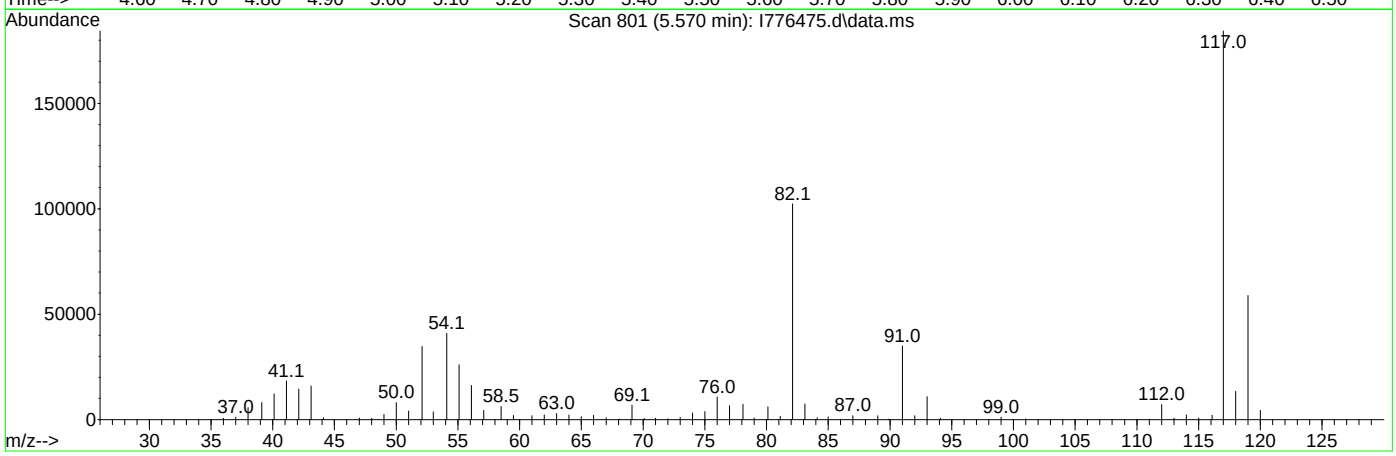
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	73.78
41.00	47.90	49.18
43.10	37.40	44.35

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 23.46ug/L m

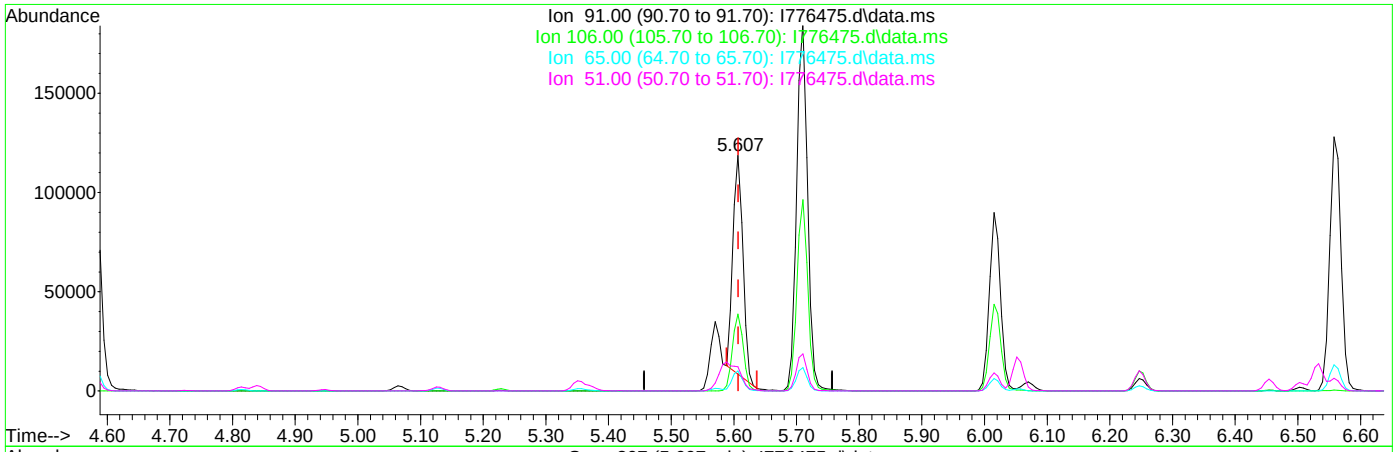
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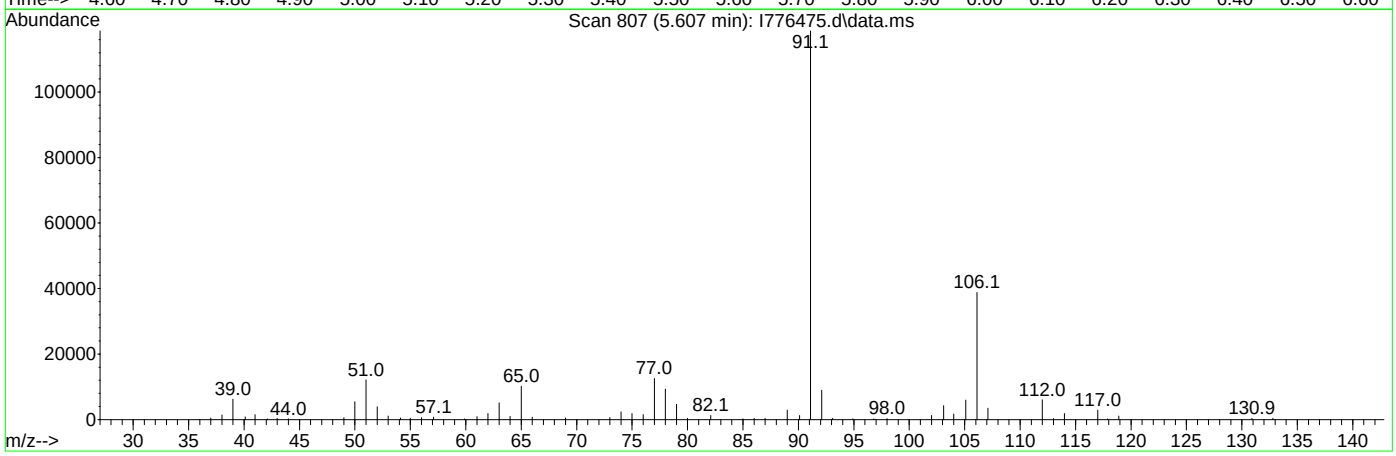
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	74.63
41.00	47.90	52.52
43.10	37.40	45.60

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(77) Ethylbenzene

5.607min (-0.000) 19.26ug/L

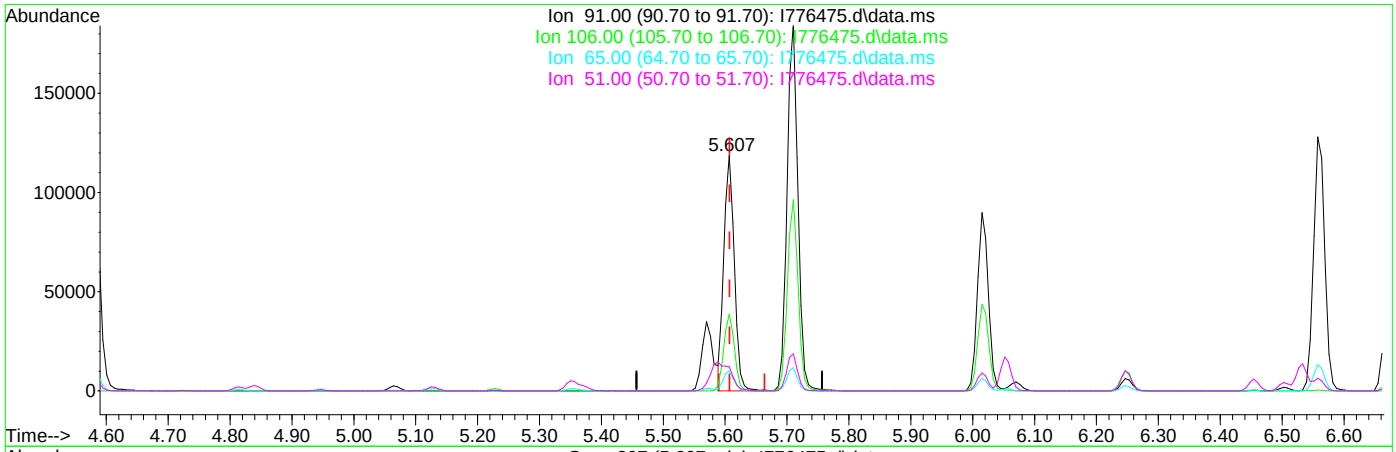
response 119977

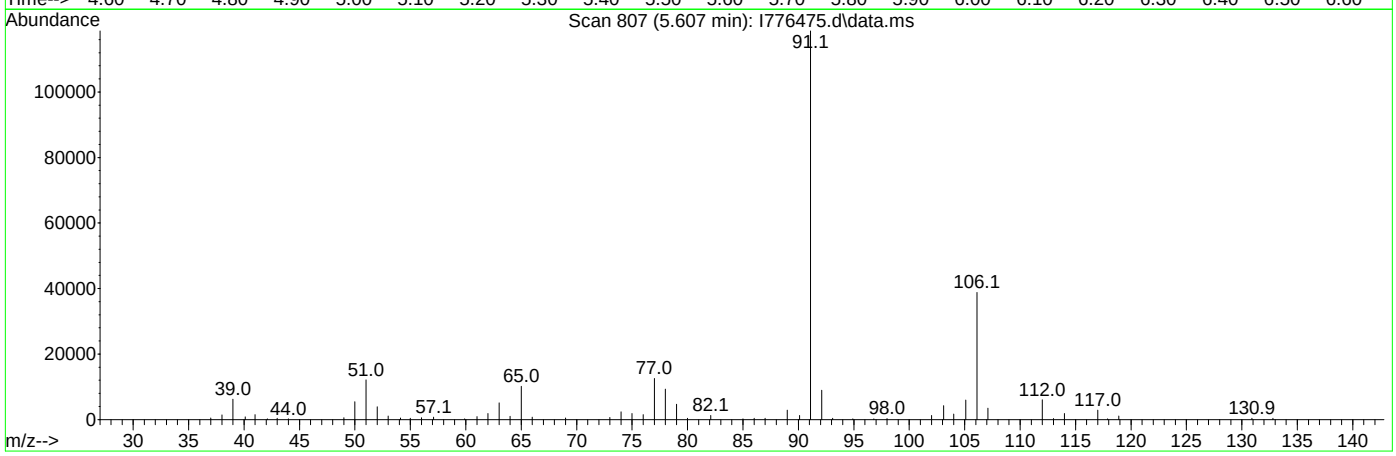
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.69
65.00	8.60	8.48
51.00	10.50	9.92

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776475.d
Acq On : 8 Dec 2025 7:37 pm
Operator : davidw
Sample : FC29756-8MS Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 09 04:44:40 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776475.d\data.ms

(77) Ethylbenzene

5.607min (-0.000) 22.69ug/L m

response 141315

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.69
65.00	8.60	8.56
51.00	10.50	10.24

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
12/09/25 08:47

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 05:42:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	374403	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	278697	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	150962	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	110550	49.20	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.40%			
49) 1,2-Dichloroethane-d4	3.455	65	119734	45.64	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 91.28%			
63) Toluene-d8	4.546	98	357594	49.12	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.24%			
86) 4-Bromofluorobenzene	6.454	174	112117	49.20	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	34060	17.9236	ug/L	98
3) Chloromethane	1.205	50	29124	18.3775	ug/L	98
4) 1,3-butadiene	1.272	39	17486	14.4092	ug/L	84
5) Vinyl Chloride	1.260	62	34656	20.5913	ug/L	100
6) Bromomethane	1.455	94	15698	23.0682	ug/L	99
7) Chloroethane	1.522	64	13478	32.3956	ug/L	98
8) Trichlorofluoromethane	1.601	101	46410	20.0604	ug/L	99
9) Ethyl Ether	1.784	59	29943	24.7116	ug/L	95
10) Ethanol	1.870	45	21012m	553.0108	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	39533	38.0179	ug/L	99
12) 1,1-Dichloroethene	1.894	61	49138	23.5320	ug/L	96
13) Freon 113	1.912	101	35288	27.1688	ug/L	98
14) Carbon Disulfide	1.912	76	90508	23.5925	ug/L	91
15) Iodomethane	1.979	142	25439	21.9769	ug/L	95
16) Acrolein	2.077	56	18887	48.9011	ug/L	96
17) Allyl chloride	2.150	41	28289	16.0904	ug/L	85
18) Methylene Chloride	2.211	49	43143	24.4506	ug/L	98
19) Acetone	2.235	43	93103	133.2040	ug/L	91
20) Methyl acetate	2.296	43	239473	128.2427	ug/L	98
21) trans-1,2-Dichloroethene	2.296	61	48439	23.4548	ug/L	98
22) Hexane	2.339	56	25269	22.9701	ug/L #	90
23) Methyl Tert Butyl Ether	2.357	73	111762	25.0697	ug/L	95
24) Acetonitrile	2.485	41	76186m	267.5927	ug/L	
25) Tert Butyl Alcohol	2.400	59	164220	328.7055	ug/L	95
26) Di-isopropyl ether	2.558	45	102963	22.4197	ug/L	96
27) Chloroprene	2.650	53	125208	30.6027	ug/L	98
28) 1,1-Dichloroethane	2.626	63	62187	24.0073	ug/L	98
29) Acrylonitrile	2.650	52	96358	155.1068	ug/L	98
30) ETBE	2.747	59	115519	25.1696	ug/L	95
31) Vinyl acetate	2.754	43	495657	124.0013	ug/L	95
32) cis-1,2-Dichloroethene	2.912	96	36686	25.3859	ug/L	89
33) 2,2-Dichloropropane	2.973	77	54370	25.9883	ug/L	98
34) Bromochloromethane	3.022	128	20768	27.5451	ug/L	99
35) Cyclohexane	3.028	56	57231	25.5158	ug/L	92
36) Chloroform	3.058	83	66293	24.9380	ug/L	97
37) Ethyl acetate	3.119	43	332676	125.7467	ug/L	99
38) Tetrahydrofuran	3.150	42	23988	24.5970	ug/L	94
40) Carbon Tetrachloride	3.144	117	49907m	24.3143	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	56206	26.8836	ug/L	99
42) 2-Butanone	3.223	43	203150	149.3619	ug/L	97
43) 1,1-Dichloropropene	3.241	75	48813	27.9652	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 05:42:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) tert-Butyl formate	3.302	59	36242	20.8939	ug/L		91
45) Propionitrile	3.388	54	111387	287.9596	ug/L		89
46) Methacrylonitrile	3.400	41	349779	259.6944	ug/L		97
47) Benzene	3.381	78	139868	25.9089	ug/L		90
48) TAME	3.442	73	119233	26.8856	ug/L		96
50) 1,2-Dichloroethane	3.491	62	50537	24.7374	ug/L		99
51) Isobutyl Alcohol	3.436	43	31146	486.1654	ug/L		92
52) Tert Amyl Alcohol	3.546	59	115779	249.8325	ug/L		91
53) Trichloroethene	3.705	95	38290	25.4737	ug/L		98
54) Methylcyclohexane	3.711	83	51062	25.4794	ug/L		96
55) Dibromomethane	3.955	93	27059	26.4824	ug/L		94
56) 1,2-Dichloropropane	4.016	63	37385	26.0175	ug/L		98
57) Bromodichloromethane	4.046	83	48368	23.2921	ug/L		97
58) Methyl methacrylate	4.131	41	38222	21.8900	ug/L		86
59) 1,4-Dioxane	4.168	88	20246	577.2519	ug/L		97
61) cis-1,3-Dichloropropene	4.430	75	57512	24.2103	ug/L		95
64) Toluene	4.582	91	144479	25.5950	ug/L		100
65) 2-Nitropropane	4.723	41	70051	86.5054	ug/L		97
66) 4-Methyl-2-pentanone	4.814	43	331690	137.9037	ug/L		98
67) trans-1,3-Dichloropropene	4.839	75	57188	24.6702	ug/L		96
68) Tetrachloroethene	4.832	166	38705	25.3122	ug/L		97
69) Ethyl methacrylate	4.942	69	49498	23.4582	ug/L		92
70) 1,1,2-Trichloroethane	4.948	83	30765	26.1814	ug/L		94
71) Dibromochloromethane	5.064	129	41807	25.4627	ug/L		97
72) 1,3-Dichloropropane	5.131	76	61128	26.8499	ug/L		97
73) 1,2-Dibromoethane	5.229	107	42392	26.8450	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.351	57	637239	1349.2812	ug/L		94
75) 2-hexanone	5.369	43	362403	132.9809	ug/L		82
76) 1-Chlorohexane	5.570	91	47087m	24.5620	ug/L		
77) Ethylbenzene	5.607	91	152871m	24.3551	ug/L		
78) Chlorobenzene	5.588	112	99238	26.3353	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.631	131	36307	25.2934	ug/L		97
80) m,p-Xylene	5.710	91	240545	49.1226	ug/L		96
81) o-Xylene	6.015	91	118212	24.1545	ug/L		99
82) Styrene	6.052	104	99303	25.7466	ug/L		98
83) Bromoform	6.070	173	28065	23.7278	ug/L		99
84) Isopropylbenzene	6.247	105	150147	24.6623	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.503	53	18592	21.3684	ug/L		92
88) n-Propylbenzene	6.558	91	172751	24.8758	ug/L		100
89) Bromobenzene	6.533	156	42848	26.7148	ug/L		100
90) 1,1,2,2-Tetrachloroethane	6.606	83	56620	27.2011	ug/L		97
91) 1,3,5-Trimethylbenzene	6.710	105	122900	24.3372	ug/L		99
92) 2-Chlorotoluene	6.674	91	96394	25.1618	ug/L		99
93) trans-1,4-Dichloro-2-B...	6.741	53	13253	19.8929	ug/L		88
94) 1,2,3-Trichloropropane	6.710	110	18696	26.3933	ug/L		94
95) Cyclohexanone	6.741	55	18672	121.0346	ug/L		95
96) 4-Chlorotoluene	6.802	91	109365	24.7284	ug/L		98
97) tert-Butylbenzene	6.954	91	64608	23.9954	ug/L		97
98) 1,2,4-Trimethylbenzene	7.015	105	128992	26.0169	ug/L		99
99) Pentachloroethane	6.966	167	23446	25.7345	ug/L	#	53
100) sec-Butylbenzene	7.094	105	137089	23.6569	ug/L		98
101) 4-Isopropyltoluene	7.210	119	122029	24.4388	ug/L		98
102) 1,3-Dichlorobenzene	7.259	146	76246	26.5580	ug/L		98
103) 1,2,3-Trimethylbenzene	7.350	105	125050	24.3430	ug/L		99
104) 1,4-Dichlorobenzene	7.326	146	78705	26.9448	ug/L		95
105) n-Butylbenzene	7.533	92	62177	23.6158	ug/L		86
106) Benzyl Chloride	7.515	126	16533	17.1260	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 05:42:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

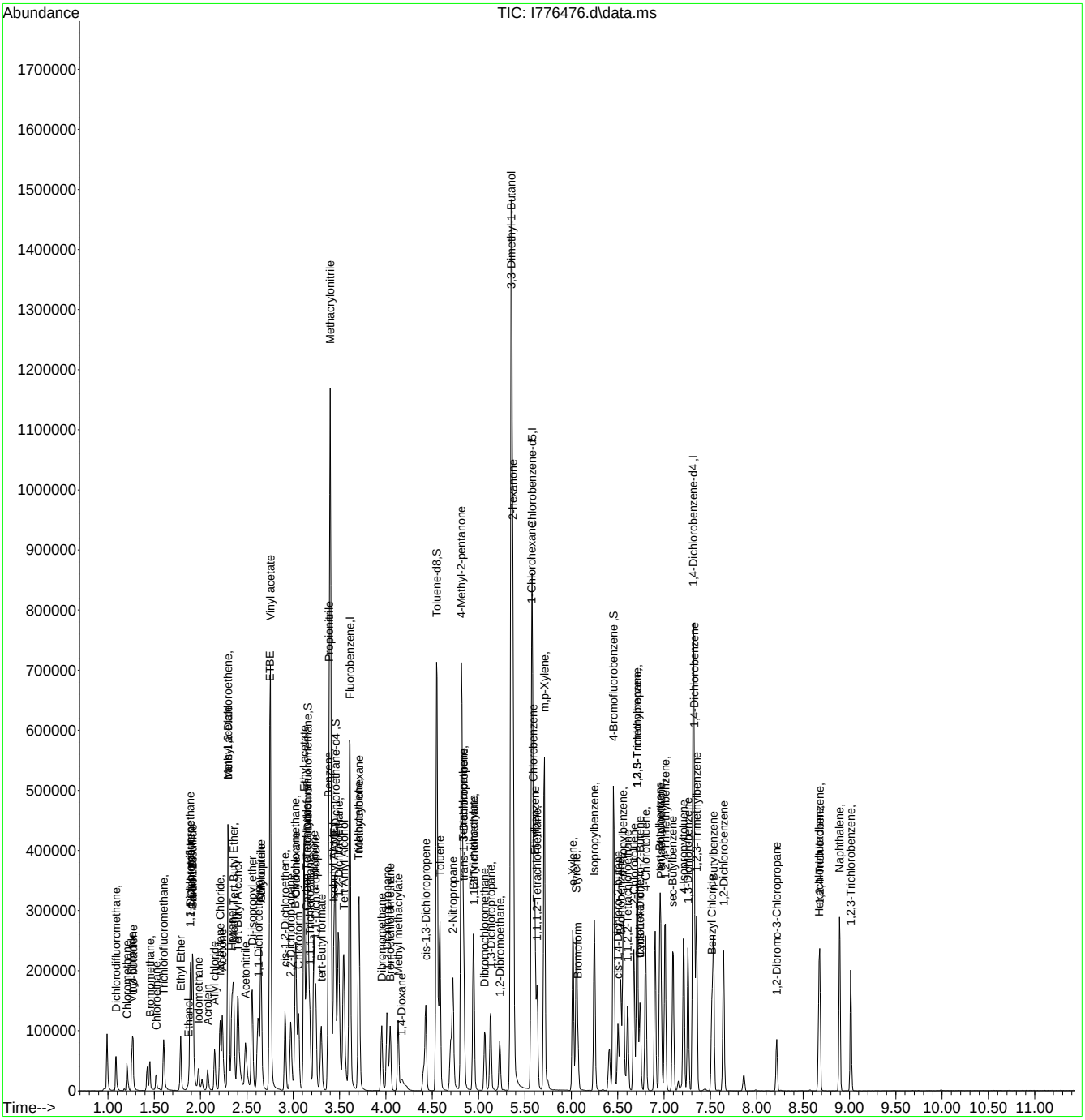
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
107) 1,2-Dichlorobenzene	7.643	146	72835	26.6129	ug/L	99
108) 1,2-Dibromo-3-Chloropr...	8.216	75	14637	22.8393	ug/L	93
109) Hexachlorobutadiene	8.673	225	14703	25.4508	ug/L	91
110) 1,2,4-Trichlorobenzene	8.679	180	41474	25.5006	ug/L	97
111) Naphthalene	8.893	128	150364	25.4272	ug/L	100
112) 1,2,3-Trichlorobenzene	9.015	180	39177	26.3959	ug/L	96

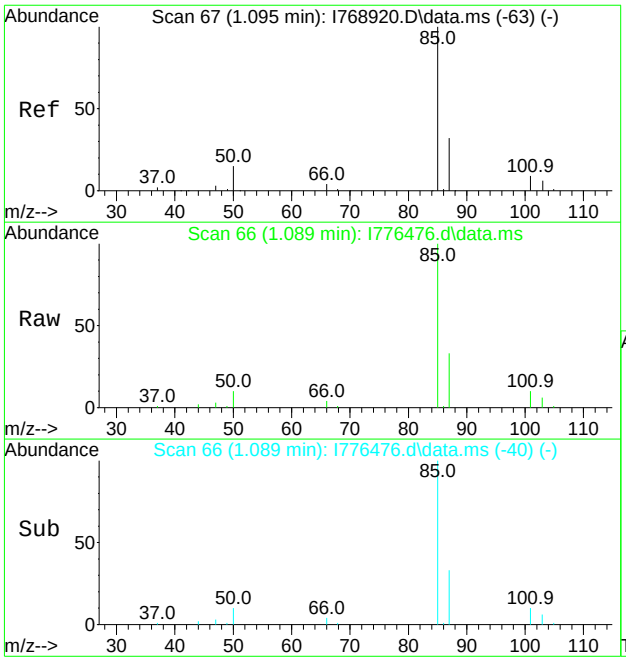
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 05:42:58 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

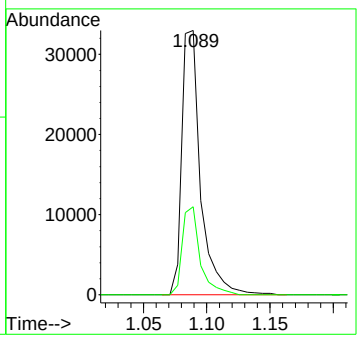


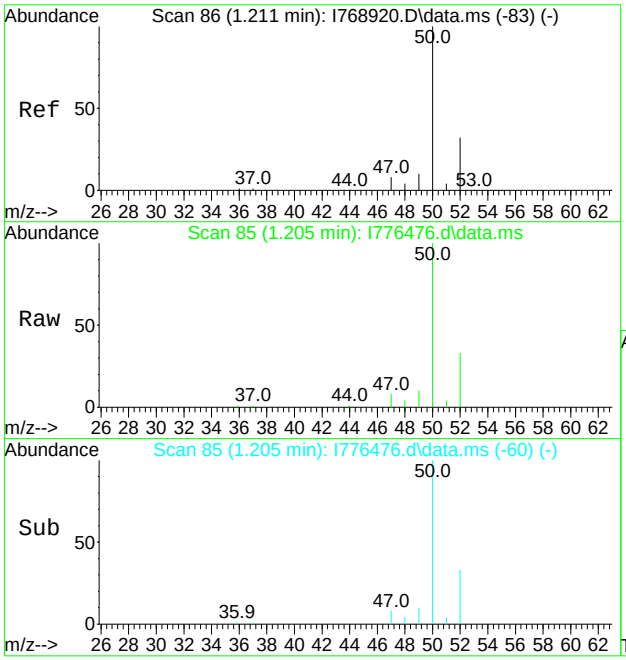


#2
Dichlorodifluoromethane
Concen: 17.9236 ug/L
RT: 1.089 min Scan# 66
Delta R.T. 0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 85 Resp: 34060

Ion	Ratio	Lower	Upper
85	100		
87	33.3	2.1	62.1

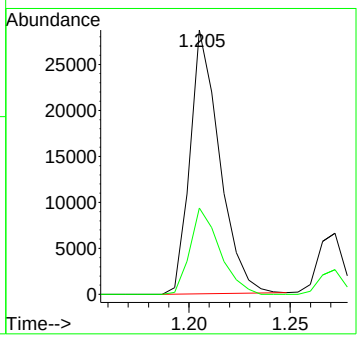


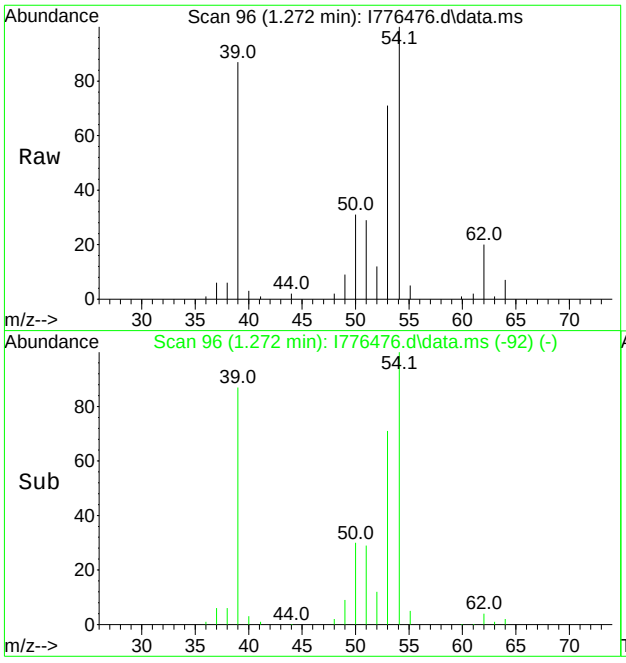


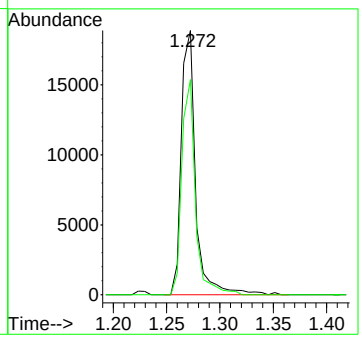
#3
Chloromethane
Concen: 18.3775 ug/L
RT: 1.205 min Scan# 85
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 50 Resp: 29124

Ion	Ratio	Lower	Upper
50	100		
52	32.6	3.8	63.8



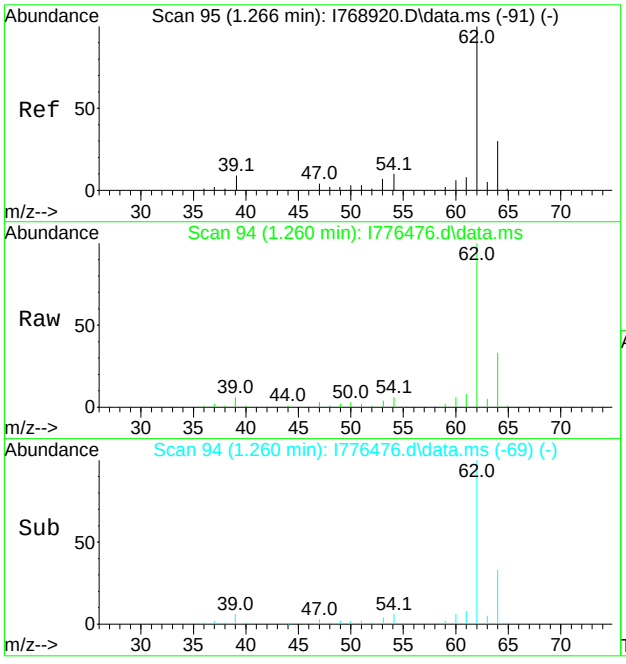


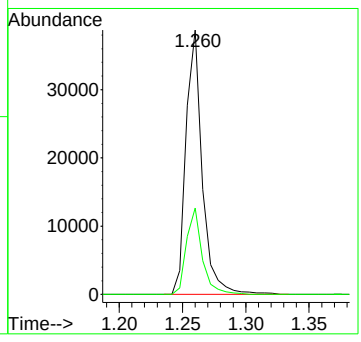


#4
1,3-butadiene
Concen: 14.4092 ug/L
RT: 1.272 min Scan# 96
Delta R.T. 0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 39 Resp: 17486

Ion	Ratio	Lower	Upper
39	100		
53	81.4	48.6	88.6

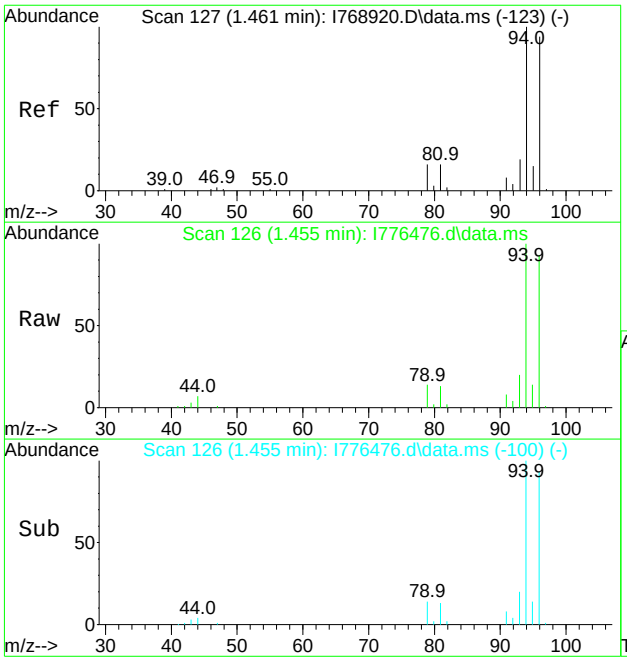




#5
Vinyl Chloride
Concen: 20.5913 ug/L
RT: 1.260 min Scan# 94
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 62 Resp: 34656

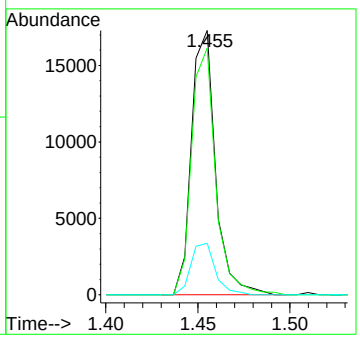
Ion	Ratio	Lower	Upper
62	100		
64	32.7	2.5	62.5

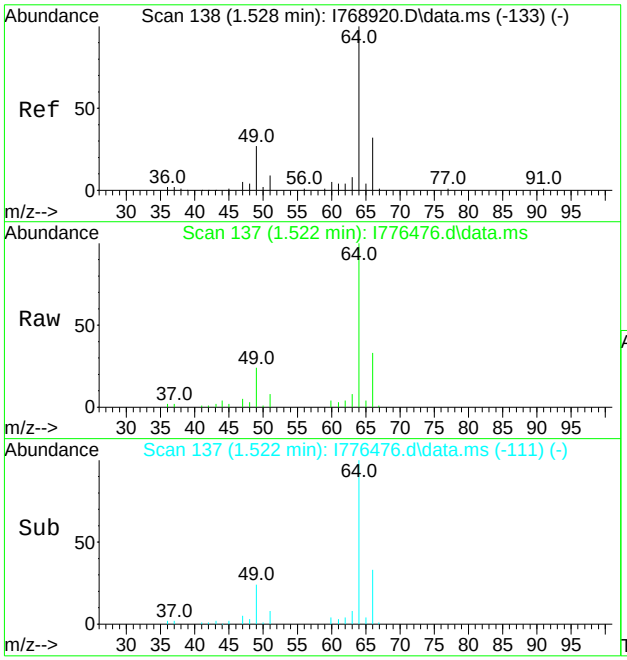


#6
Bromomethane
Concen: 23.0682 ug/L
RT: 1.455 min Scan# 126
Delta R.T. 0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 94 Resp: 15698

Ion	Ratio	Lower	Upper
94	100		
96	93.3	64.3	124.3
93	19.5	0.0	50.4

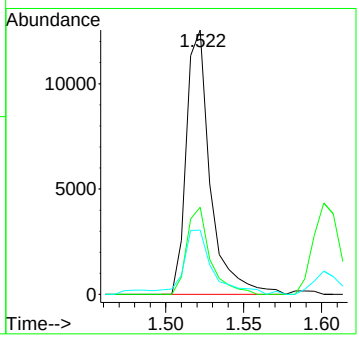


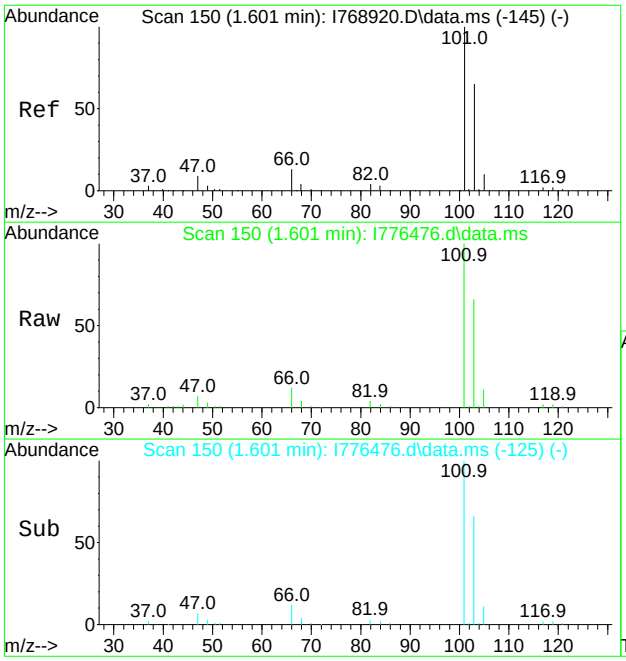


#7
Chloroethane
Concen: 32.3956 ug/L
RT: 1.522 min Scan# 137
Delta R.T. 0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 64 Resp: 13478

Ion	Ratio	Lower	Upper
64	100		
66	33.0	4.7	64.7
49	24.3	0.0	54.9

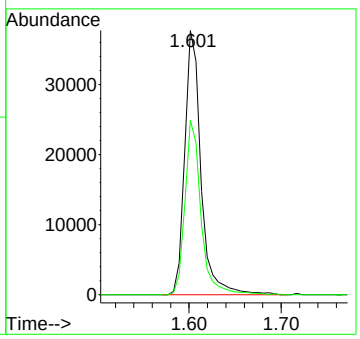


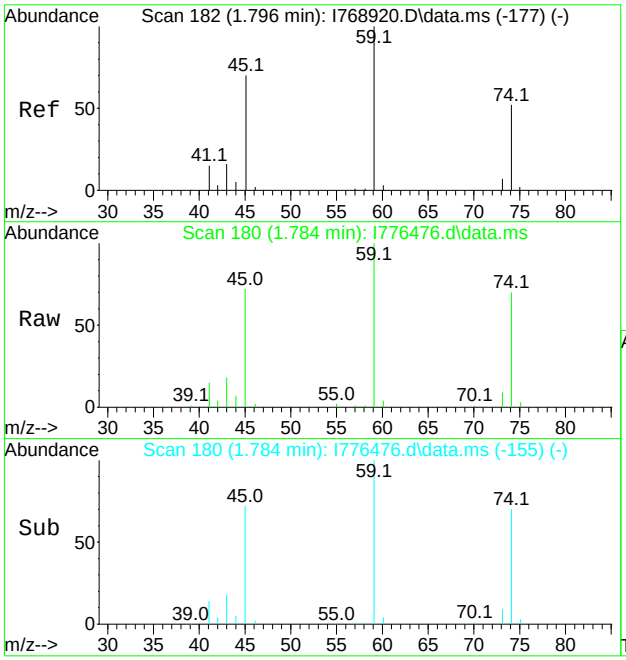


#8
Trichlorofluoromethane
Concen: 20.0604 ug/L
RT: 1.601 min Scan# 150
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:101 Resp: 46410

Ion	Ratio	Lower	Upper
101	100		
103	66.0	34.9	94.9

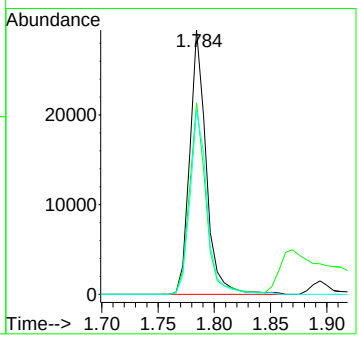


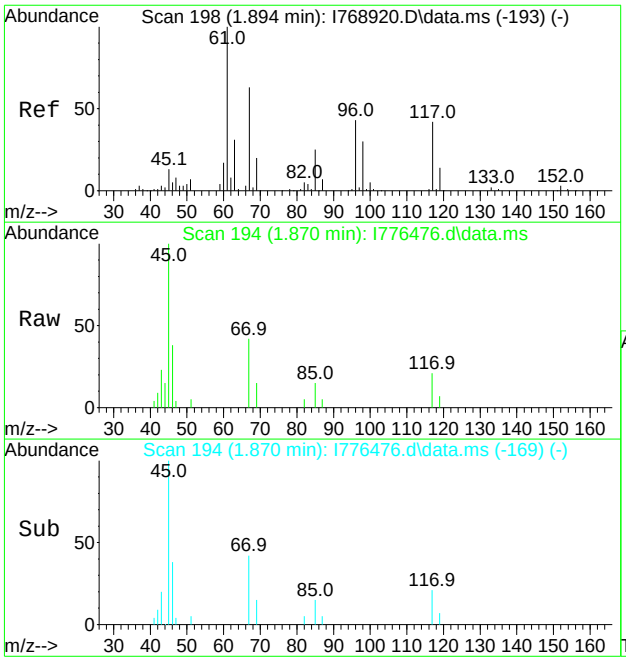


#9
Ethyl Ether
Concen: 24.7116 ug/L
RT: 1.784 min Scan# 180
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 59 Resp: 29943

Ion	Ratio	Lower	Upper
59	100		
45	72.4	52.6	92.6
74	69.6	57.4	97.4

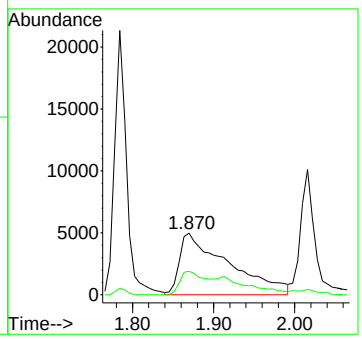


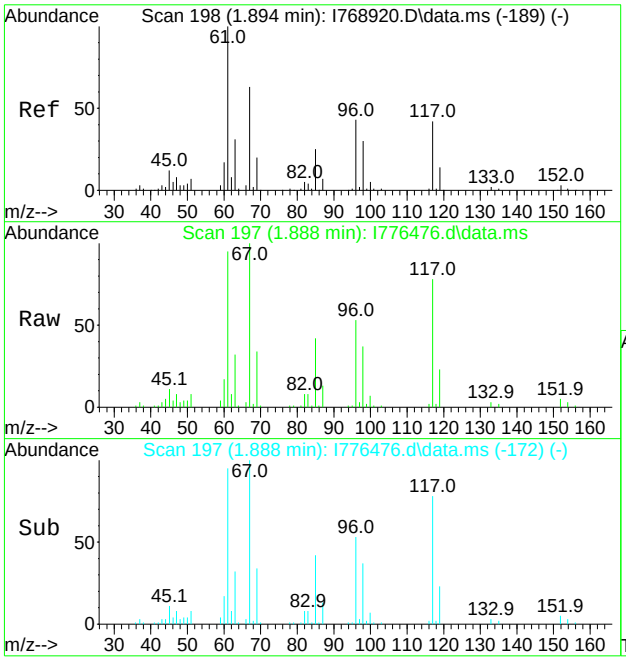


#10
Ethanol
Concen: 553.0108 ug/L m
RT: 1.870 min Scan# 194
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 45 Resp: 21012

Ion	Ratio	Lower	Upper
45	100		
46	38.3	19.3	59.3

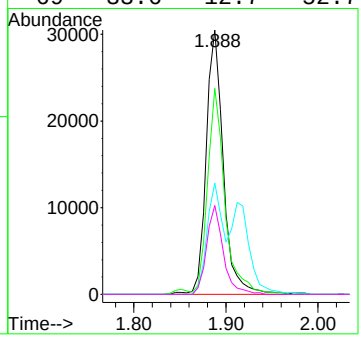


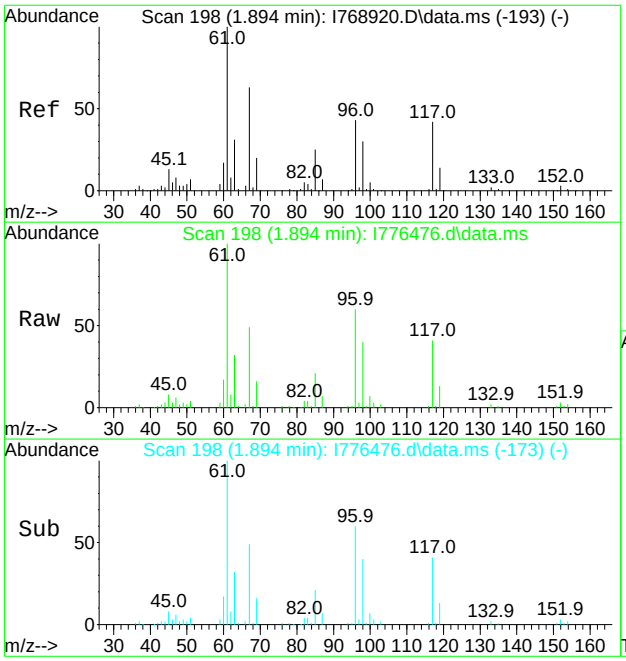


#11
1,2-Dichlorotrifluoroethane
Concen: 38.0179 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 67 Resp: 39533

Ion	Ratio	Lower	Upper
67	100		
117	77.9	56.8	96.8
85	42.1	22.7	62.7
69	33.6	12.7	52.7

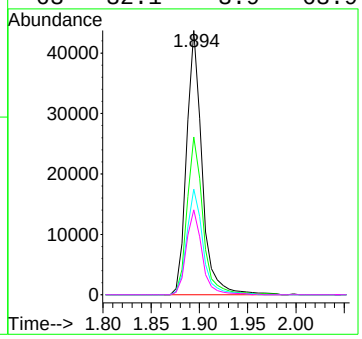


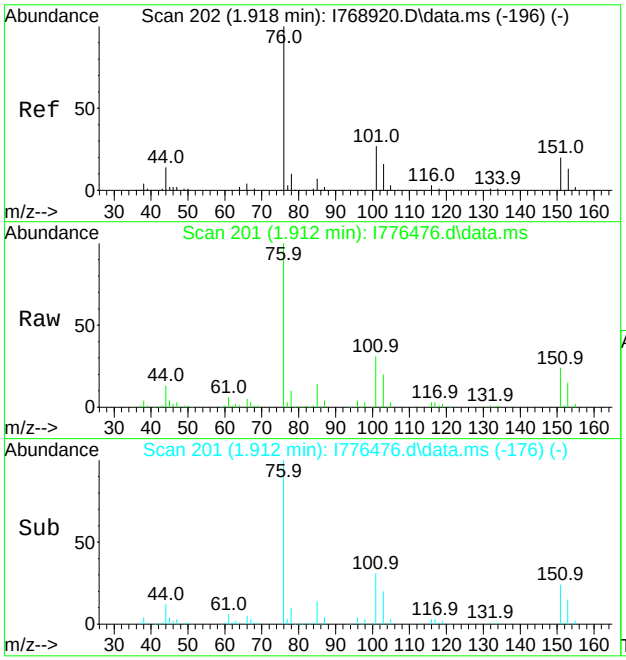


#12
1,1-Dichloroethene
Concen: 23.5320 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 61 Resp: 49138

Ion	Ratio	Lower	Upper
61	100		
96	59.7	32.7	92.7
98	40.0	12.1	72.1
63	32.1	3.9	63.9

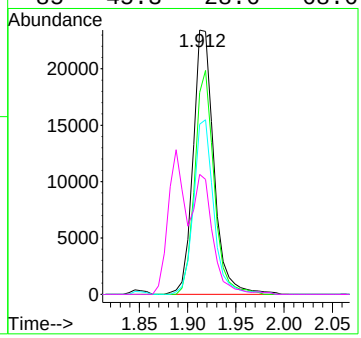


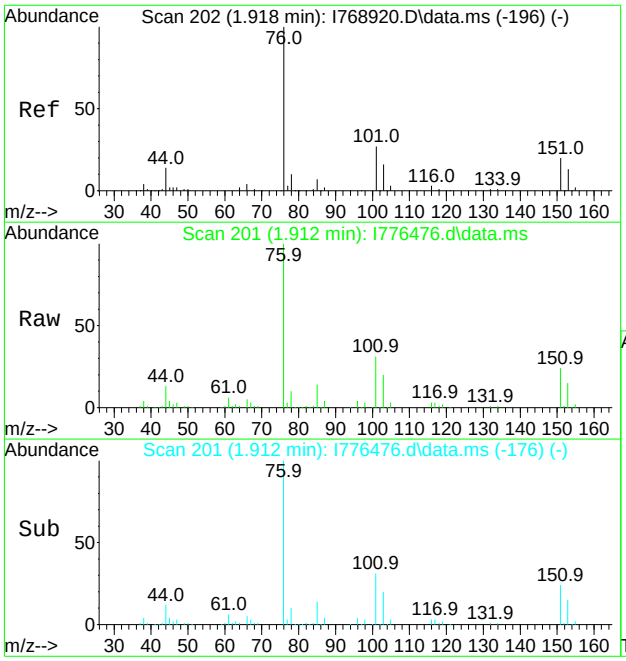


#13
Freon 113
Concen: 27.1688 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:101 Resp: 35288

Ion	Ratio	Lower	Upper
101	100		
151	76.3	54.6	94.6
103	64.3	44.5	84.5
85	45.3	28.6	68.6

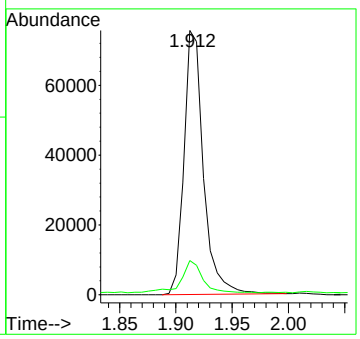


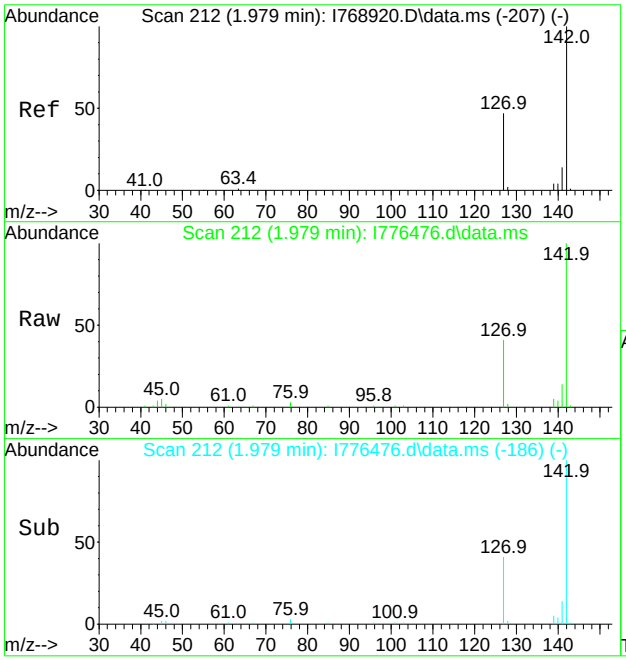


#14
Carbon Disulfide
Concen: 23.5925 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 76 Resp: 90508

Ion	Ratio	Lower	Upper
76	100		
44	12.0	0.0	45.7

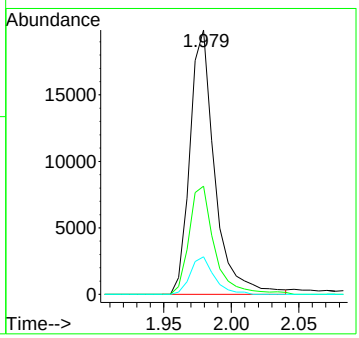


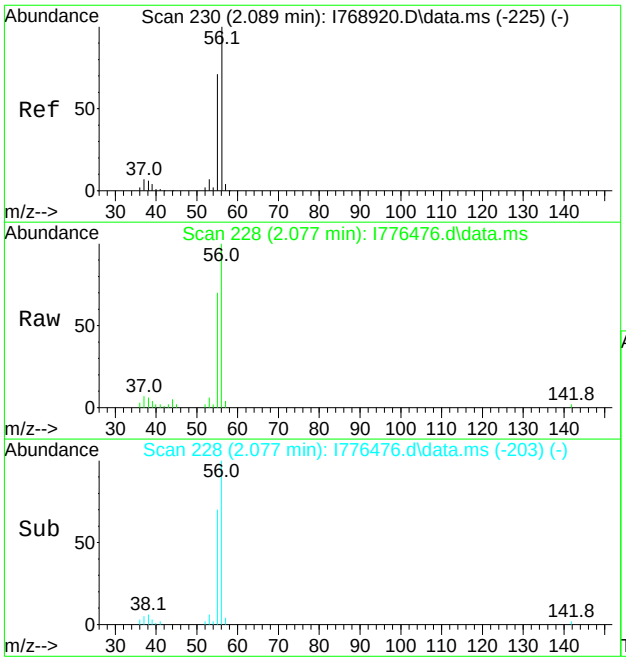


#15
Iodomethane
Concen: 21.9769 ug/L
RT: 1.979 min Scan# 212
Delta R.T. 0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:142 Resp: 25439

Ion	Ratio	Lower	Upper
142	100		
127	40.9	25.1	65.1
141	14.2	0.0	34.3

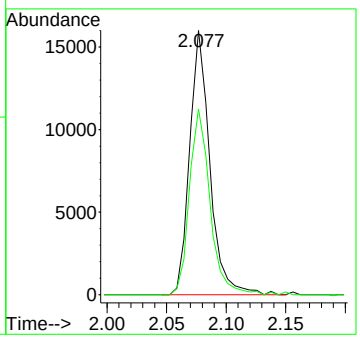


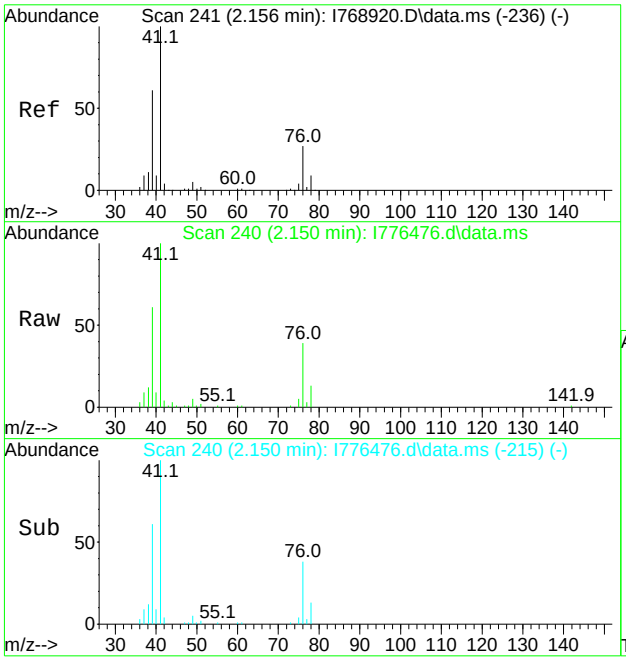


#16
Acrolein
Concen: 48.9011 ug/L
RT: 2.077 min Scan# 228
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 56 Resp: 18887

Ion	Ratio	Lower	Upper
56	100		
55	70.2	43.4	103.4

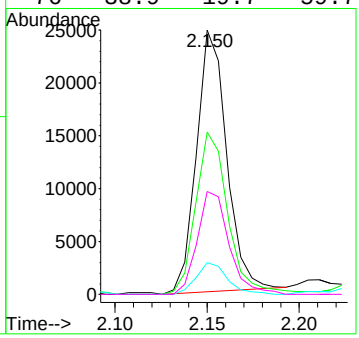


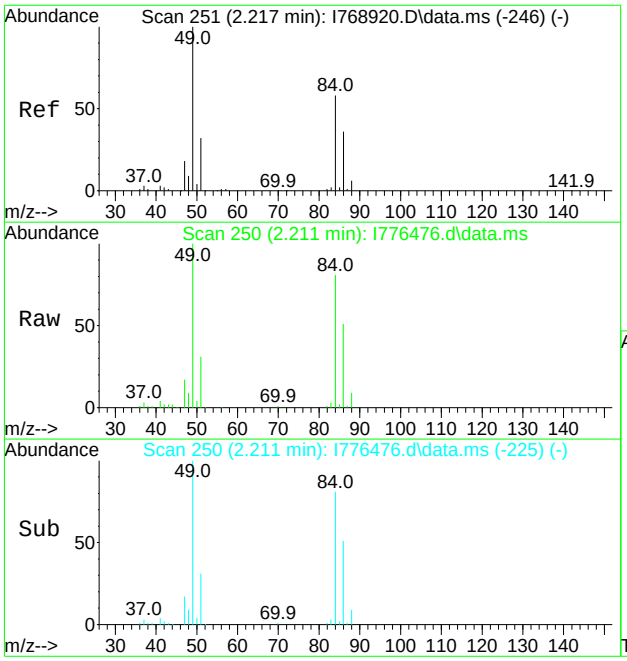


#17
Allyl chloride
Concen: 16.0904 ug/L
RT: 2.150 min Scan# 240
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 41 Resp: 28289

Ion	Ratio	Lower	Upper
41	100		
39	61.4	61.4	101.4
38	12.0	0.0	38.2
76	38.9	19.7	59.7

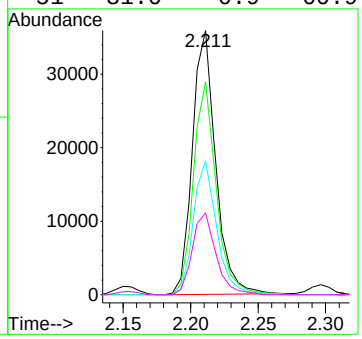


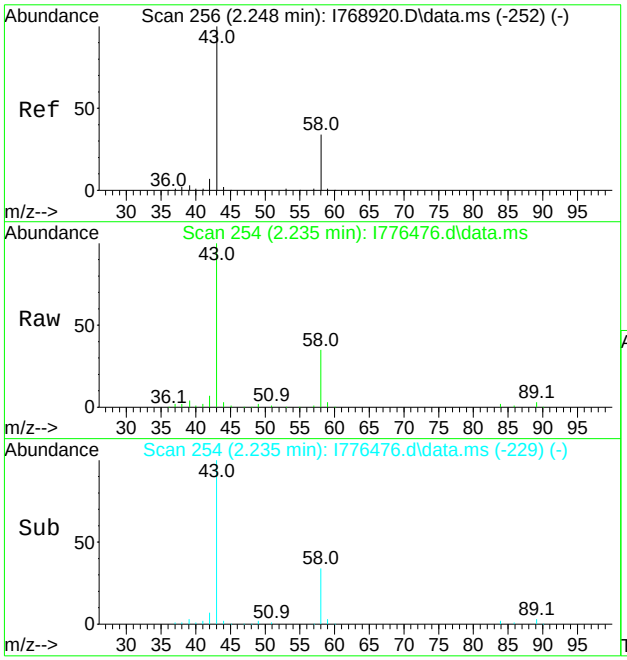


#18
Methylene Chloride
Concen: 24.4506 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 49 Resp: 43143

Ion	Ratio	Lower	Upper
49	100		
84	80.6	48.3	108.3
86	50.7	21.3	81.3
51	31.0	0.9	60.9

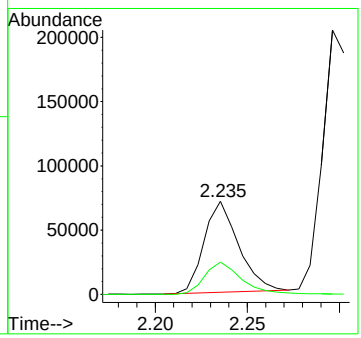


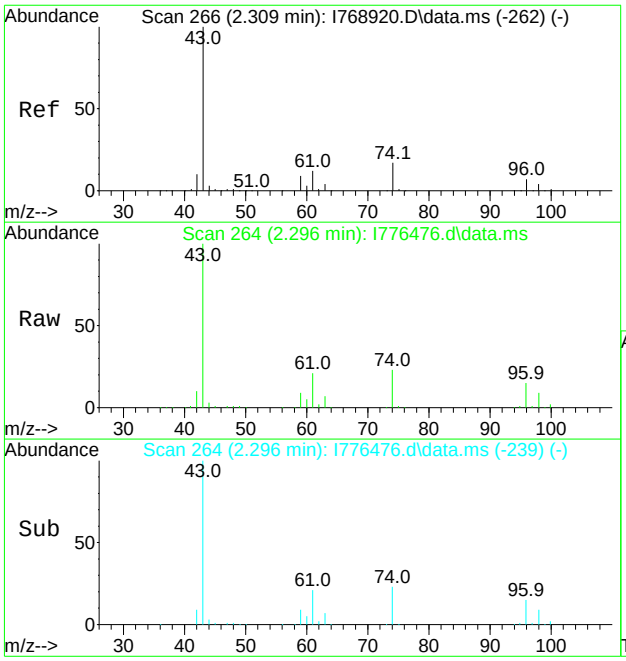


#19
Acetone
Concen: 133.2040 ug/L
RT: 2.235 min Scan# 254
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 93103

Ion	Ratio	Lower	Upper
43	100		
58	34.7	0.0	60.0

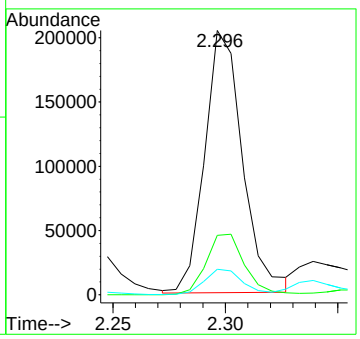


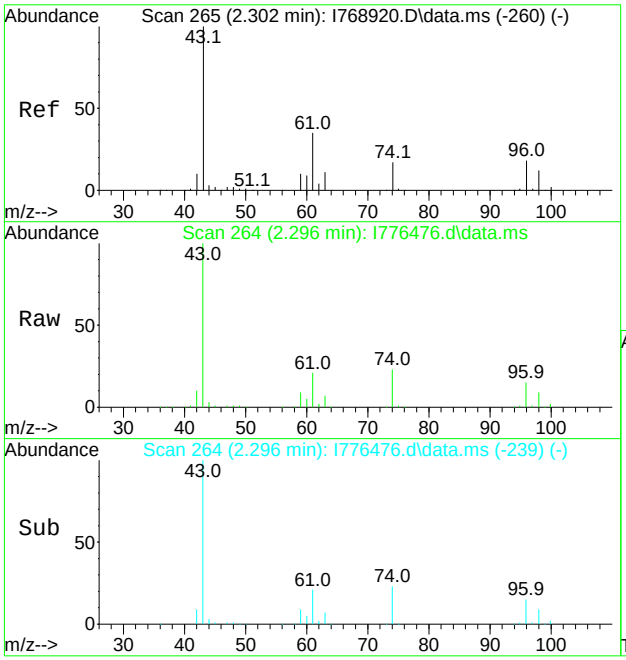


#20
Methyl acetate
Concen: 128.2427 ug/L
RT: 2.296 min Scan# 264
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 239473

Ion	Ratio	Lower	Upper
43	100		
74	22.9	3.4	43.4
42	9.7	0.0	31.1

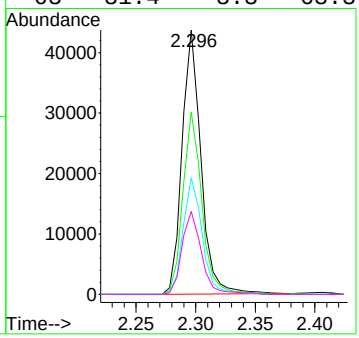


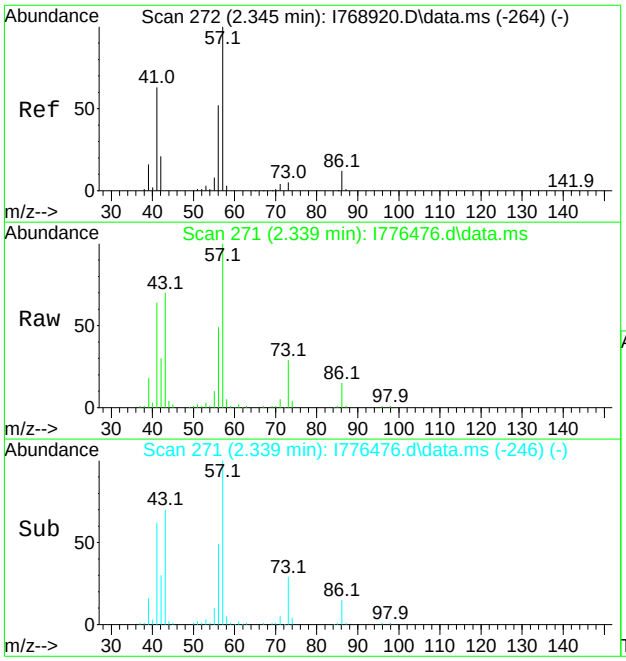


#21
trans-1,2-Dichloroethene
Concen: 23.4548 ug/L
RT: 2.296 min Scan# 264
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 61 Resp: 48439

Ion	Ratio	Lower	Upper
61	100		
96	69.0	40.1	100.1
98	44.1	15.3	75.3
63	31.4	3.3	63.3

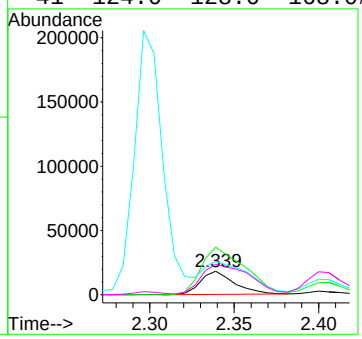


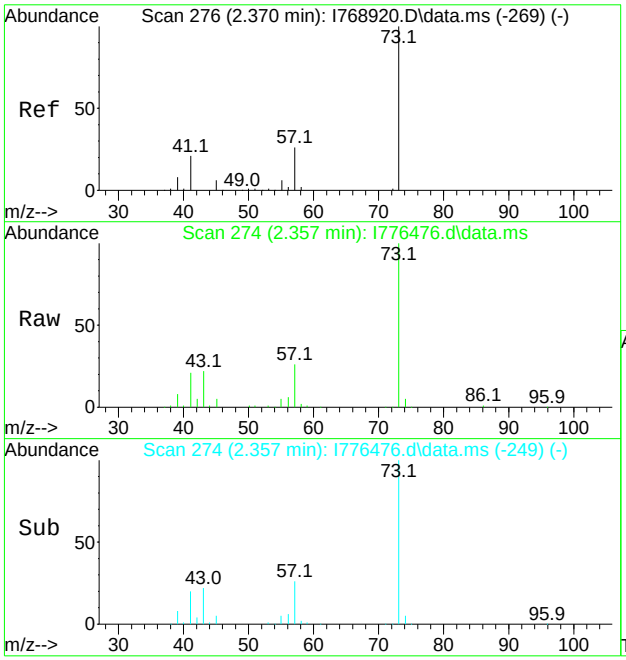


#22
Hexane
Concen: 22.9701 ug/L
RT: 2.339 min Scan# 271
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 56 Resp: 25269

Ion	Ratio	Lower	Upper
56	100		
57	203.1	172.0	212.0
43	128.0	111.8	151.8
41	124.0	128.0	168.0#

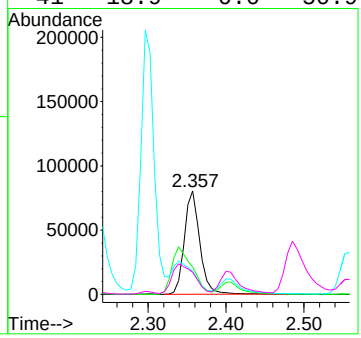


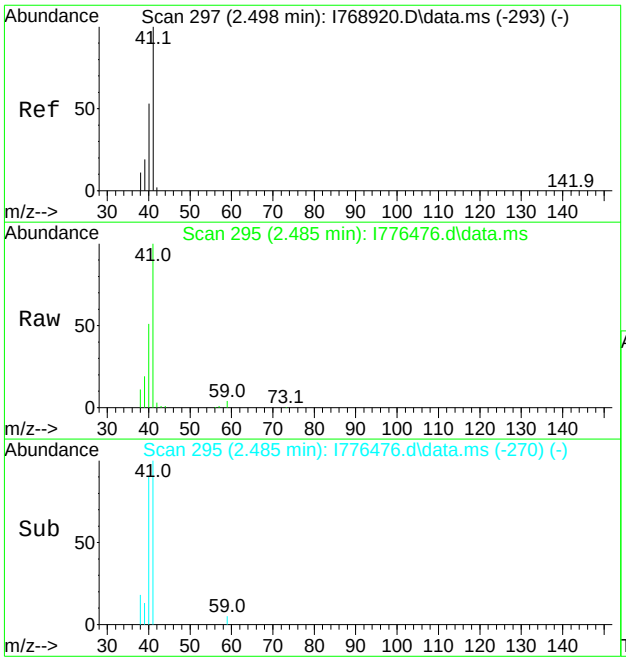


#23
Methyl Tert Butyl Ether
Concen: 25.0697 ug/L
RT: 2.357 min Scan# 274
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 73 Resp: 111762

Ion	Ratio	Lower	Upper
73	100		
57	25.9	0.0	53.8
43	21.6	0.0	55.1
41	18.9	0.0	50.9

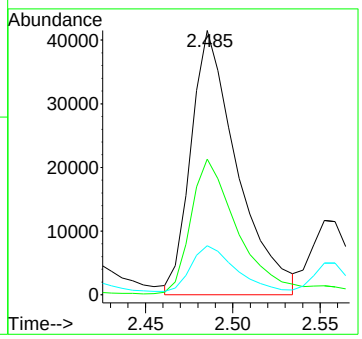


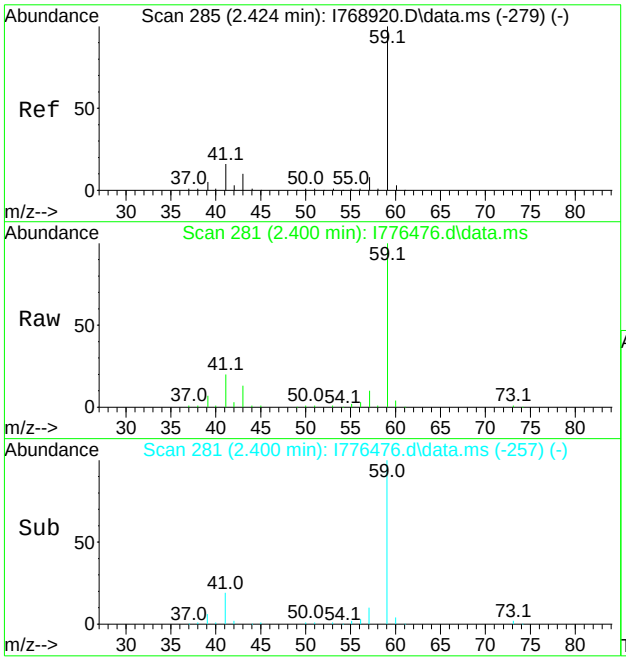


#24
Acetonitrile
Concen: 267.5927 ug/L m
RT: 2.485 min Scan# 295
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 41 Resp: 76186

Ion	Ratio	Lower	Upper
41	100		
40	51.3	32.6	72.6
39	18.6	1.5	41.5

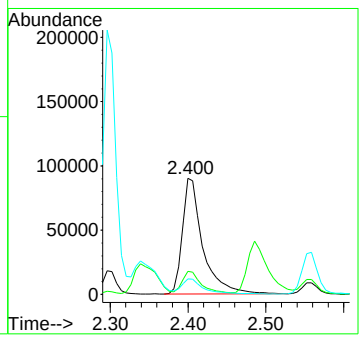


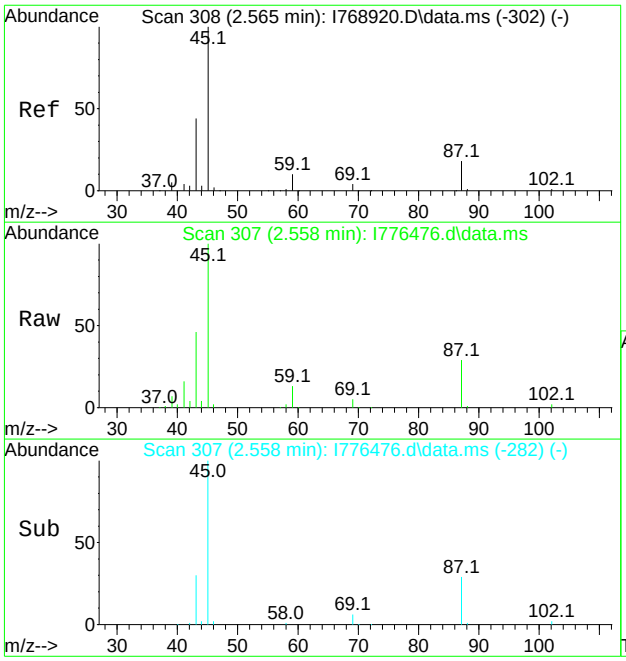


#25
Tert Butyl Alcohol
Concen: 328.7055 ug/L
RT: 2.400 min Scan# 281
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 59 Resp: 164220

Ion	Ratio	Lower	Upper
59	100		
41	15.4	0.0	34.1
43	13.0	0.0	35.7

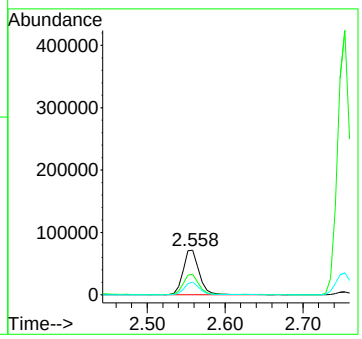


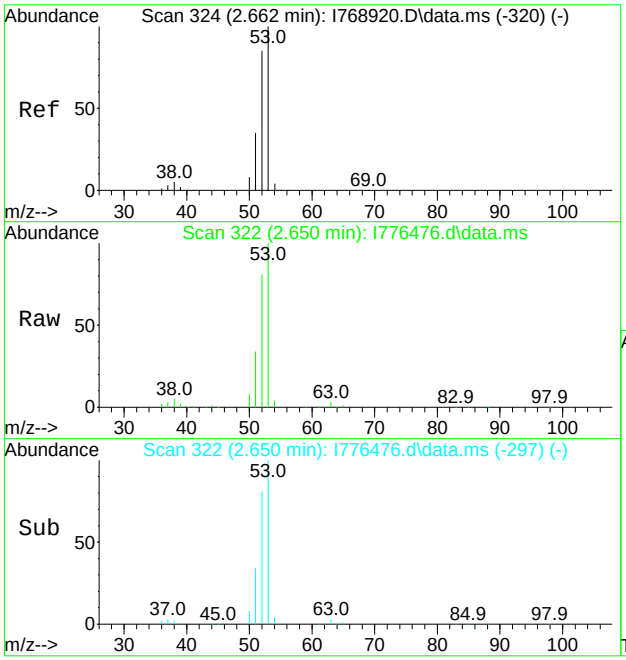


#26
Di-isopropyl ether
Concen: 22.4197 ug/L
RT: 2.558 min Scan# 307
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 45 Resp: 102963

Ion	Ratio	Lower	Upper
45	100		
43	45.6	18.2	78.2
87	28.7	0.0	57.0

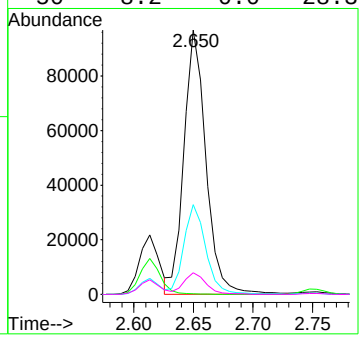


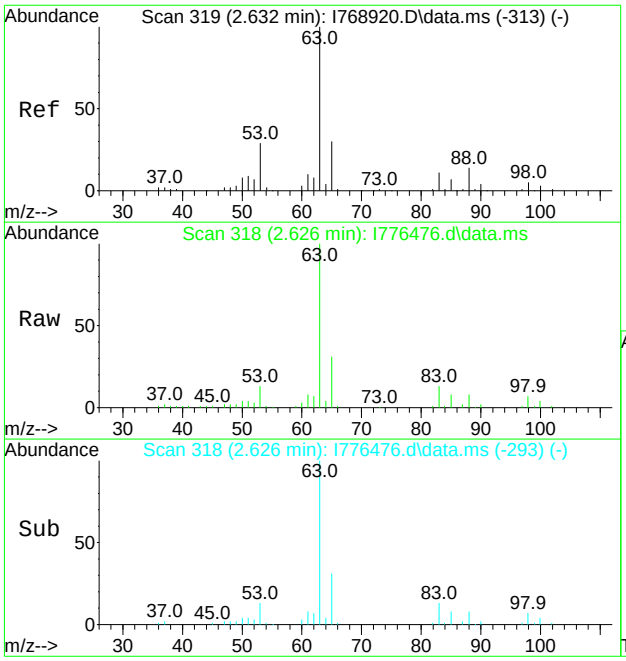


#27
Chloroprene
Concen: 30.6027 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 53 Resp: 125208

Ion	Ratio	Lower	Upper
53	100		
88	0.3	0.0	20.2
51	34.1	15.3	55.3
50	8.2	0.0	28.3

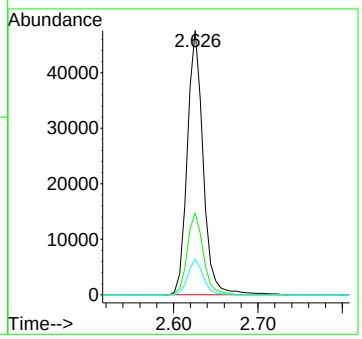


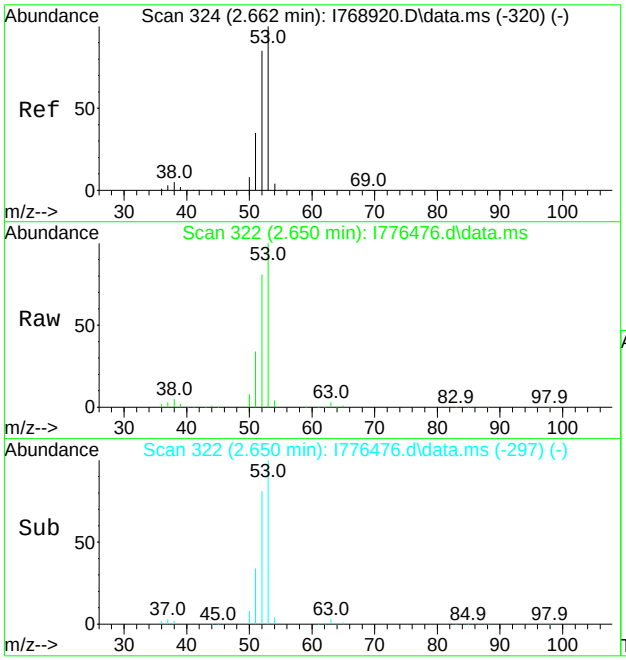


#28
1,1-Dichloroethane
Concen: 24.0073 ug/L
RT: 2.626 min Scan# 318
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 63 Resp: 62187

Ion	Ratio	Lower	Upper
63	100		
65	30.9	1.3	61.3
83	13.5	0.0	45.1

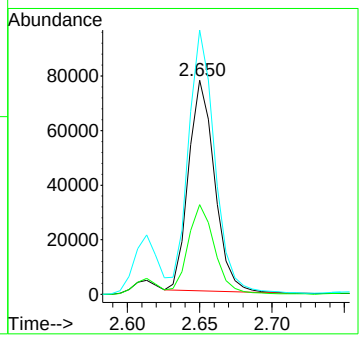


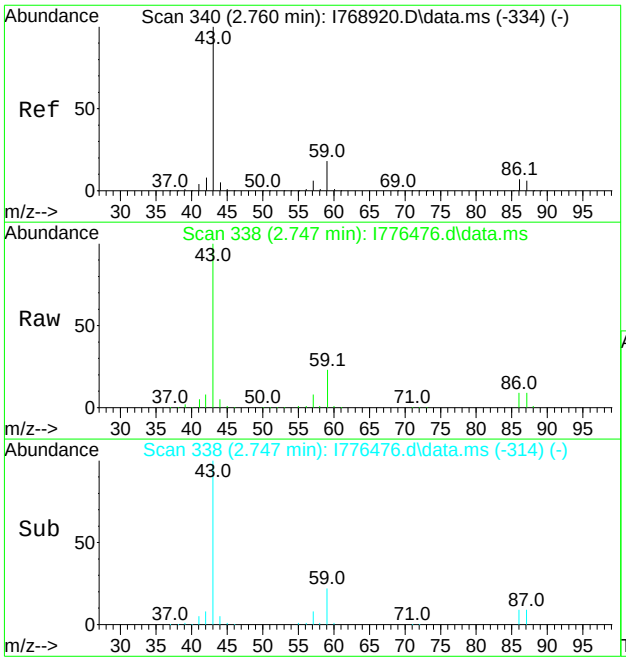


#29
Acrylonitrile
Concen: 155.1068 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 52 Resp: 96358

Ion	Ratio	Lower	Upper
52	100		
51	41.9	12.3	72.3
53	123.5	90.6	150.6

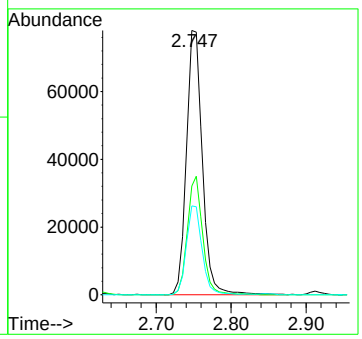


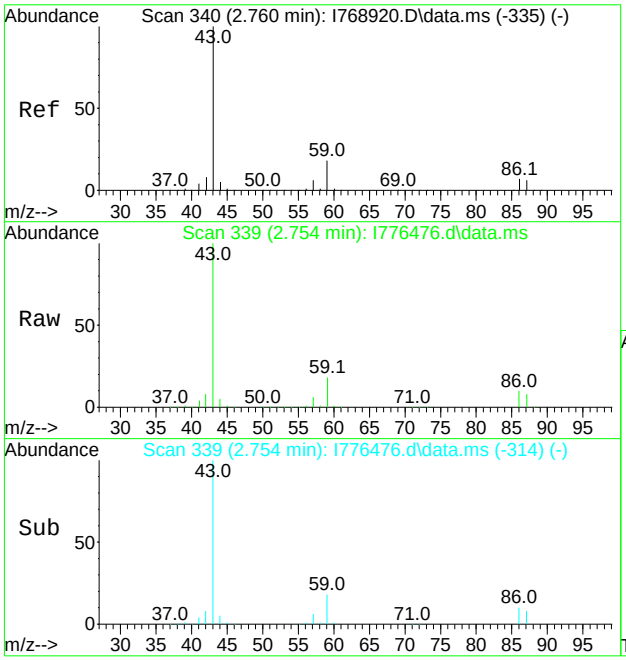


#30
ETBE
Concen: 25.1696 ug/L
RT: 2.747 min Scan# 338
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 59 Resp: 115519

Ion	Ratio	Lower	Upper
59	100		
87	41.1	25.4	65.4
57	33.7	11.7	51.7

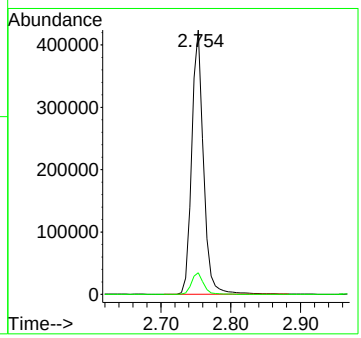


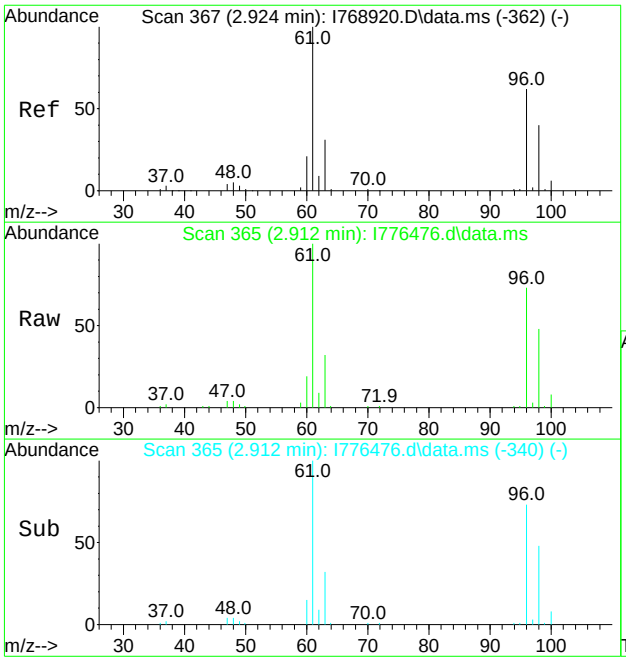


#31
Vinyl acetate
Concen: 124.0013 ug/L
RT: 2.754 min Scan# 339
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 495657

Ion	Ratio	Lower	Upper
43	100		
42	8.2	0.0	40.0

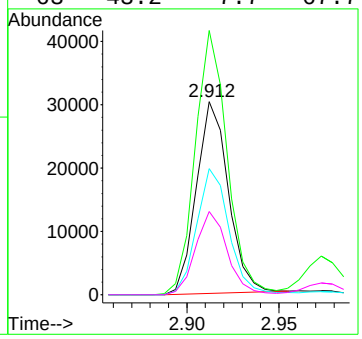


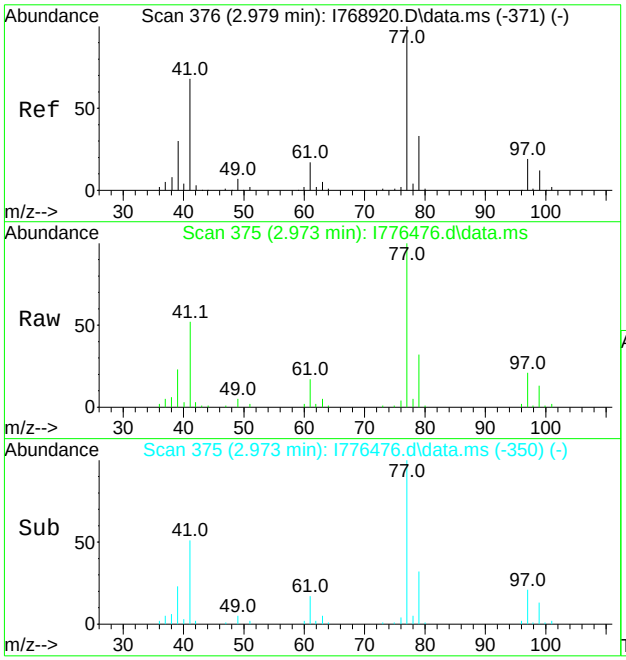


#32
cis-1,2-Dichloroethene
Concen: 25.3859 ug/L
RT: 2.912 min Scan# 365
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 96 Resp: 36686

Ion	Ratio	Lower	Upper
96	100		
61	136.3	87.5	147.5
98	65.3	36.0	96.0
63	43.2	7.7	67.7

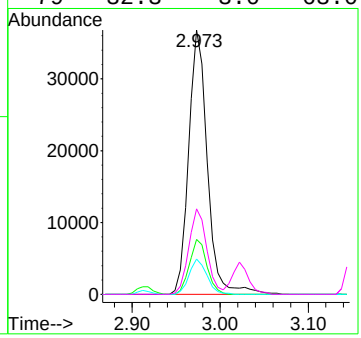


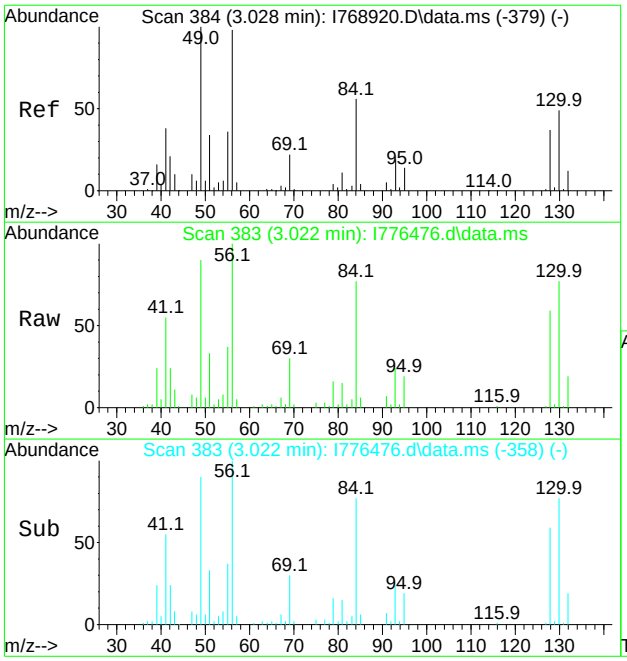


#33
2,2-Dichloropropane
Concen: 25.9883 ug/L
RT: 2.973 min Scan# 375
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 77 Resp: 54370

Ion	Ratio	Lower	Upper
77	100		
97	20.8	0.0	49.5
99	13.4	0.0	43.3
79	32.3	3.0	63.0

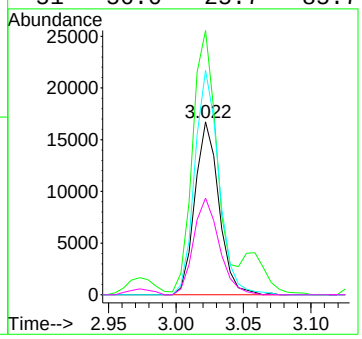


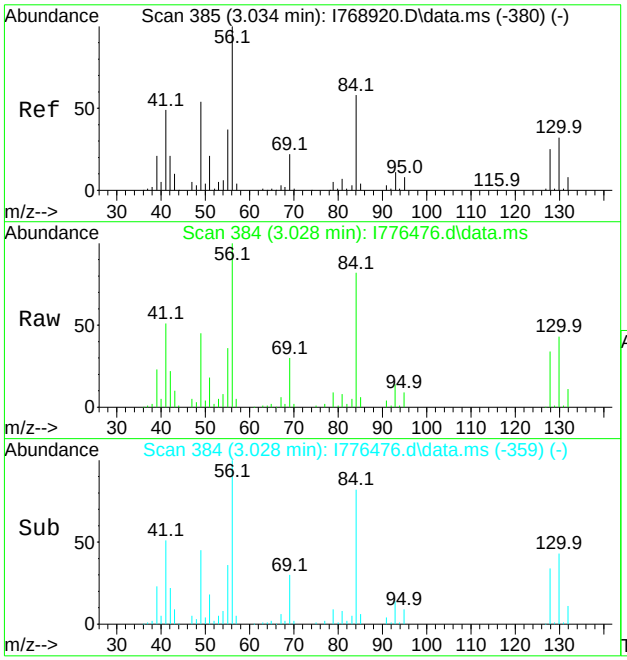


#34
Bromochloromethane
Concen: 27.5451 ug/L
RT: 3.022 min Scan# 383
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:128 Resp: 20768

Ion	Ratio	Lower	Upper
128	100		
49	151.5	122.9	182.9
130	129.8	101.4	161.4
51	56.0	25.7	85.7

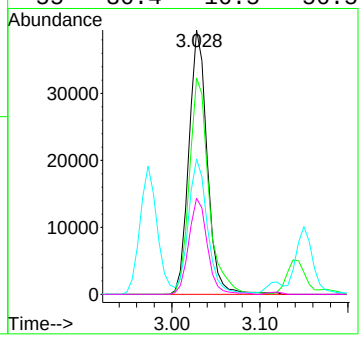


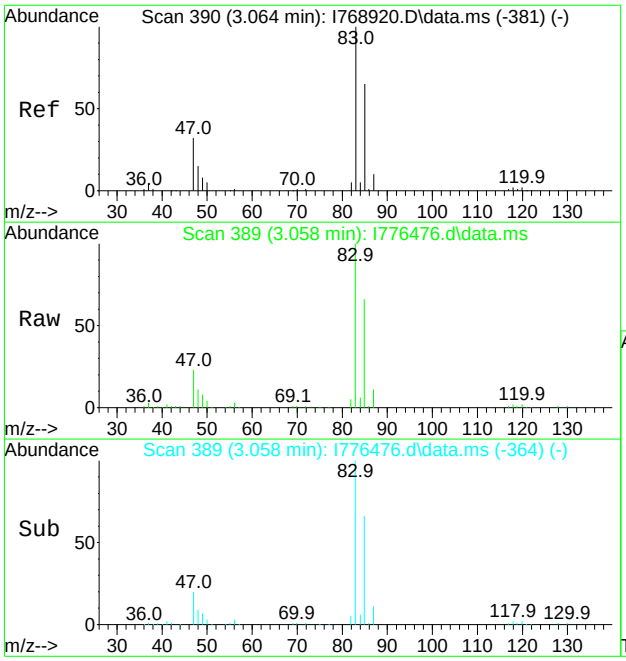


#35
Cyclohexane
Concen: 25.5158 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 56 Resp: 57231

Ion	Ratio	Lower	Upper
56	100		
84	81.9	70.9	110.9
41	47.9	36.7	76.7
55	36.4	16.5	56.5

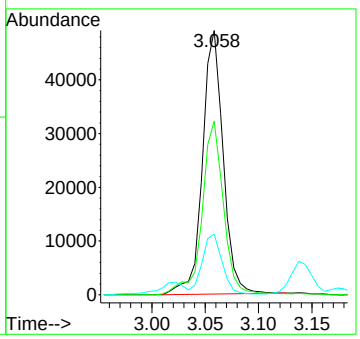


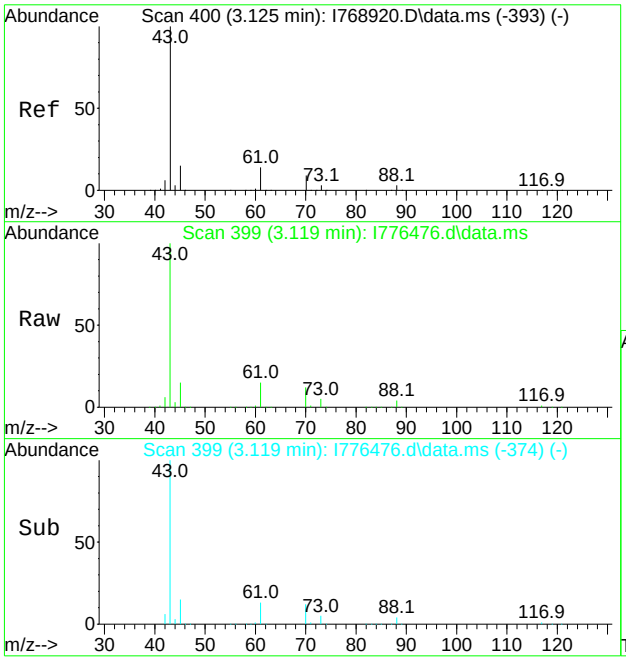


#36
Chloroform
Concen: 24.9380 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 83 Resp: 66293

Ion	Ratio	Lower	Upper
83	100		
85	65.4	36.1	96.1
47	20.2	0.0	53.8

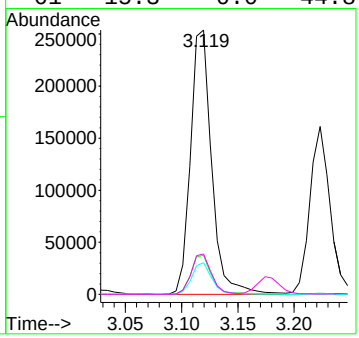


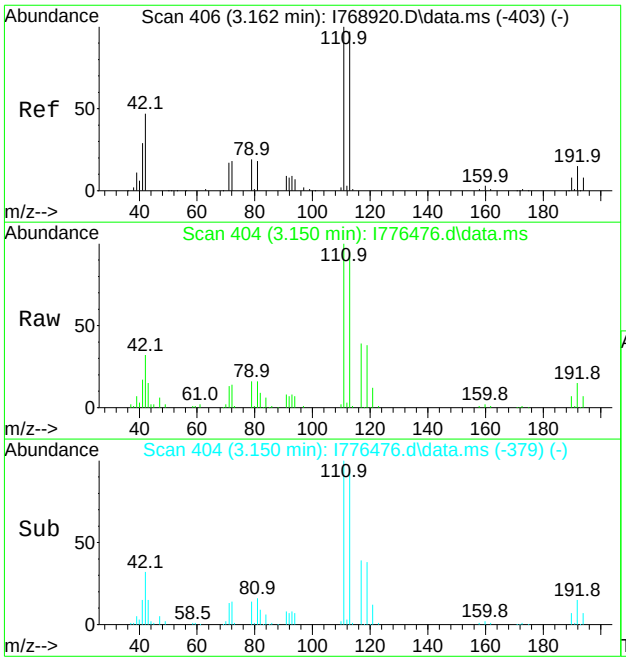


#37
Ethyl acetate
Concen: 125.7467 ug/L
RT: 3.119 min Scan# 399
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 332676

Ion	Ratio	Lower	Upper
43	100		
45	14.7	0.0	44.2
70	12.0	0.0	42.1
61	15.3	0.0	44.8

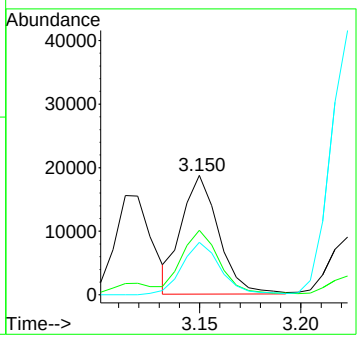


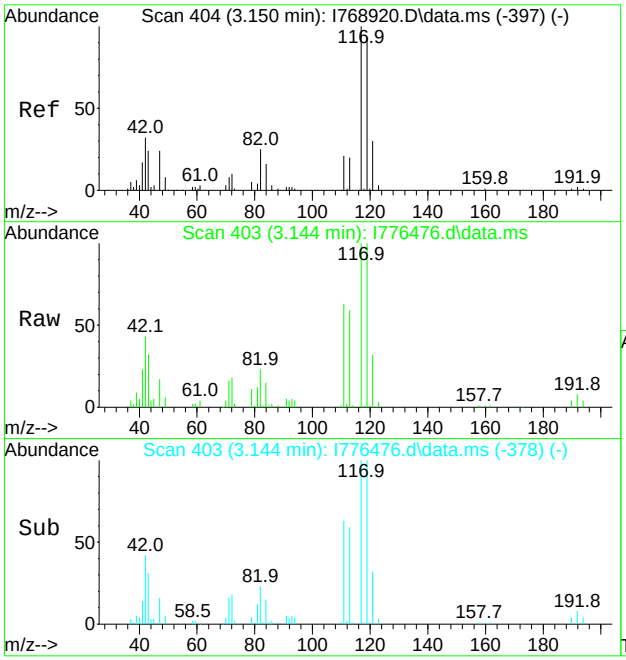


#38
Tetrahydrofuran
Concen: 24.5970 ug/L
RT: 3.150 min Scan# 404
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 42 Resp: 23988

Ion	Ratio	Lower	Upper
42	100		
41	53.7	35.6	75.6
72	43.9	30.6	70.6

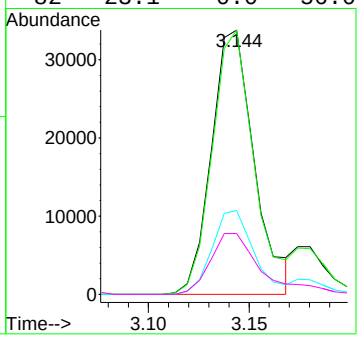


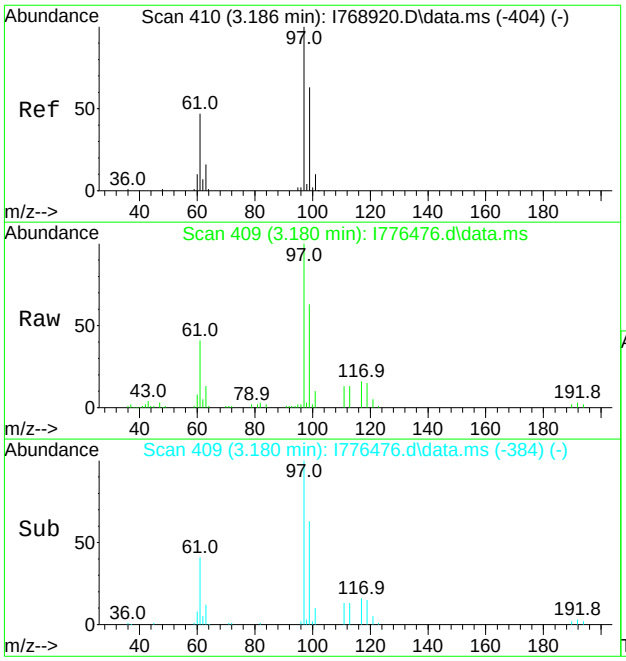


#40
Carbon Tetrachloride
Concen: 24.3143 ug/L m
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:117 Resp: 49907

Ion	Ratio	Lower	Upper
117	100		
119	100.0	68.1	128.1
121	31.7	1.7	61.7
82	23.1	0.0	56.0

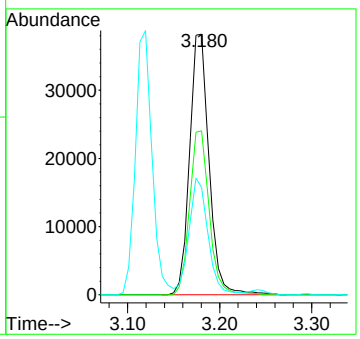


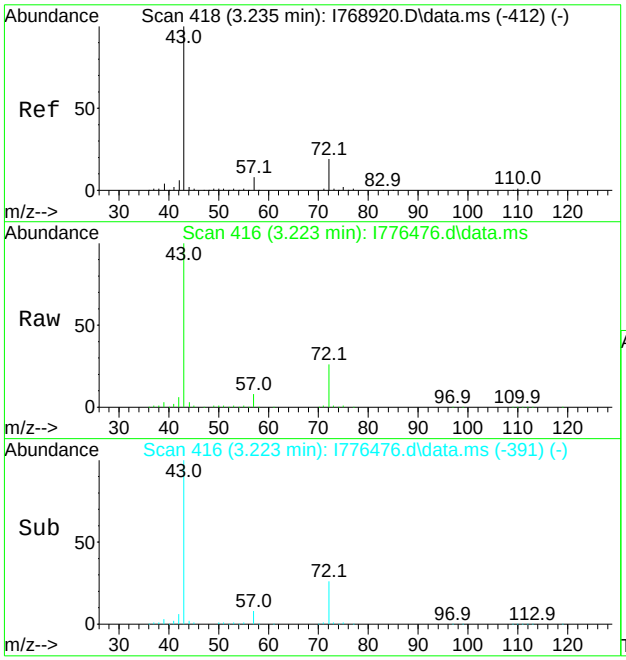


#41
1,1,1-Trichloroethane
Concen: 26.8836 ug/L
RT: 3.180 min Scan# 409
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 97 Resp: 56206

Ion	Ratio	Lower	Upper
97	100		
99	62.9	33.5	93.5
61	41.2	10.2	70.2

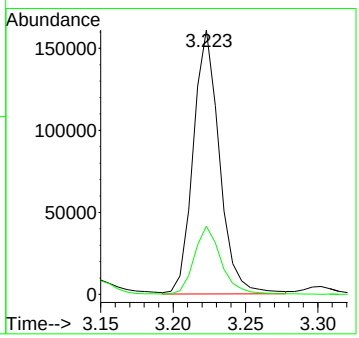


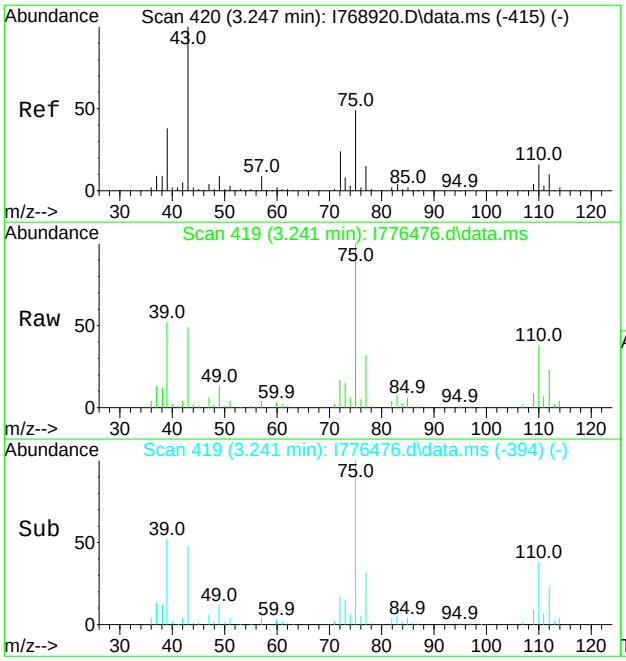


#42
2-Butanone
Concen: 149.3619 ug/L
RT: 3.223 min Scan# 416
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 203150

Ion	Ratio	Lower	Upper
43	100		
72	25.9	0.0	57.6

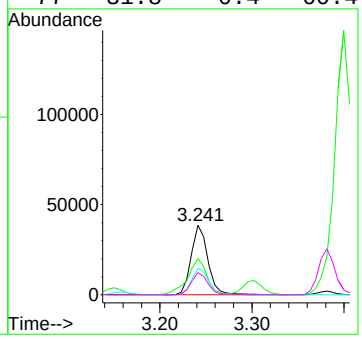


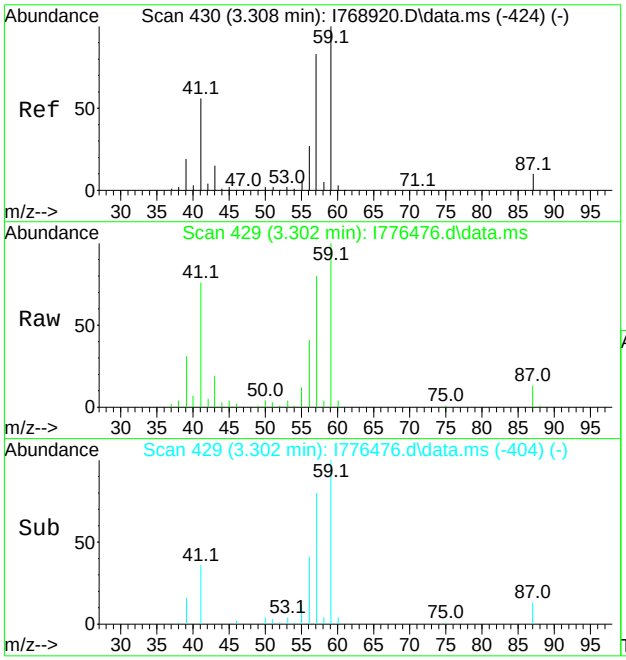


#43
1,1-Dichloropropene
Concen: 27.9652 ug/L
RT: 3.241 min Scan# 419
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 75 Resp: 48813

Ion	Ratio	Lower	Upper
75	100		
39	51.7	18.7	78.7
110	38.2	8.0	68.0
77	31.8	0.4	60.4

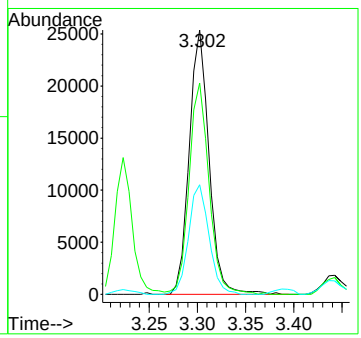


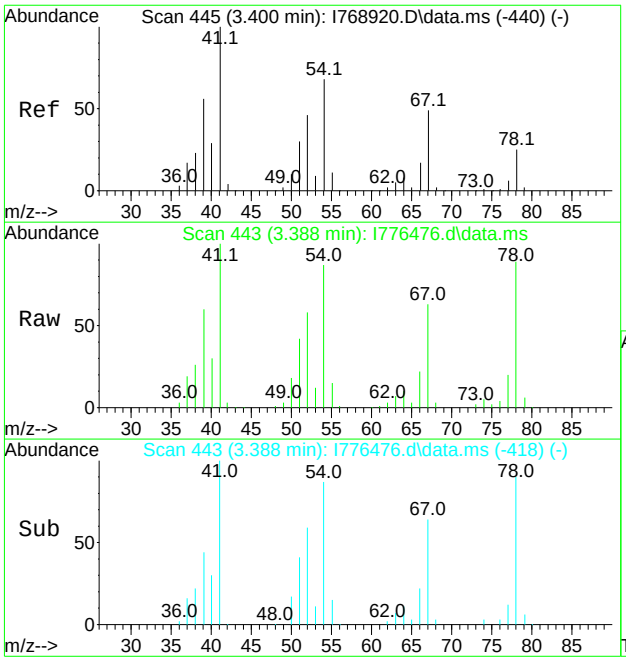


#44
tert-Butyl formate
Concen: 20.8939 ug/L
RT: 3.302 min Scan# 429
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 59 Resp: 36242

Ion	Ratio	Lower	Upper
59	100		
57	79.9	58.4	98.4
56	41.5	4.4	44.4

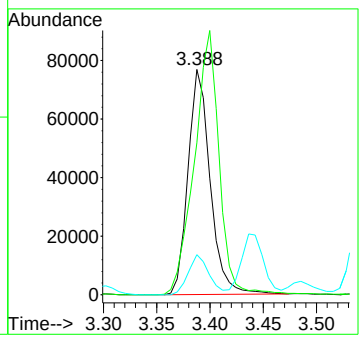


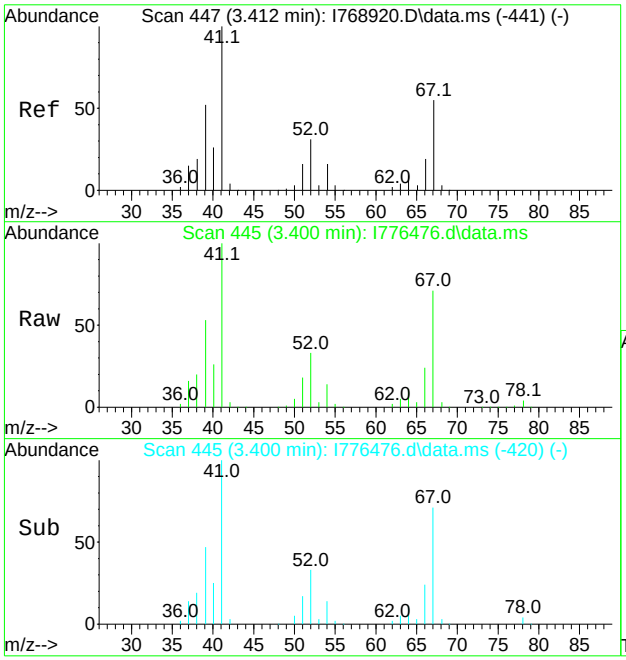


#45
Propionitrile
Concen: 287.9596 ug/L
RT: 3.388 min Scan# 443
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 54 Resp: 111387

Ion	Ratio	Lower	Upper
54	100		
52	67.0	58.7	98.7
55	17.7	0.0	36.9

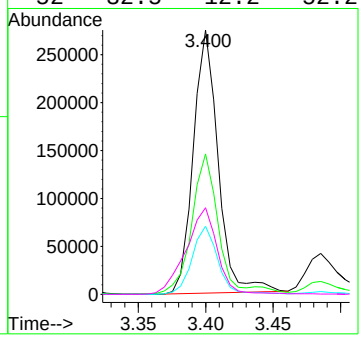


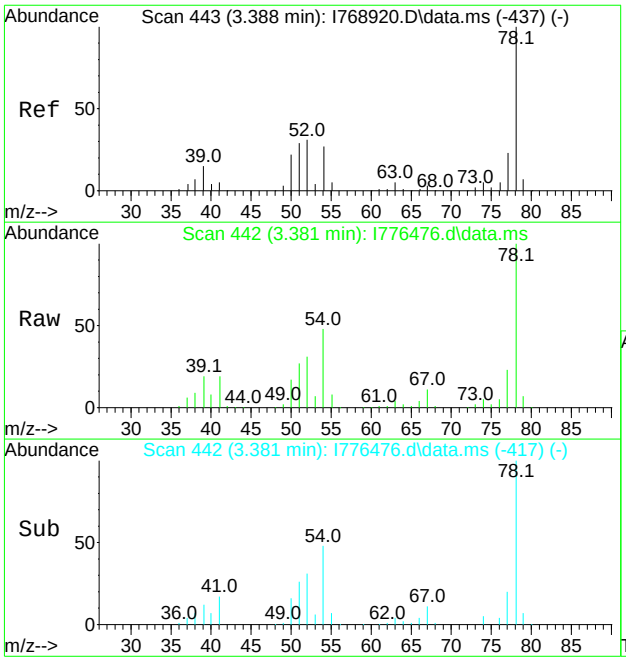


#46
Methacrylonitrile
Concen: 259.6944 ug/L
RT: 3.400 min Scan# 445
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 41 Resp: 349779

Ion	Ratio	Lower	Upper
41	100		
39	52.4	36.2	76.2
40	25.6	6.5	46.5
52	32.5	12.2	52.2

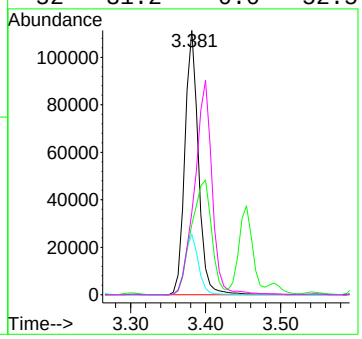


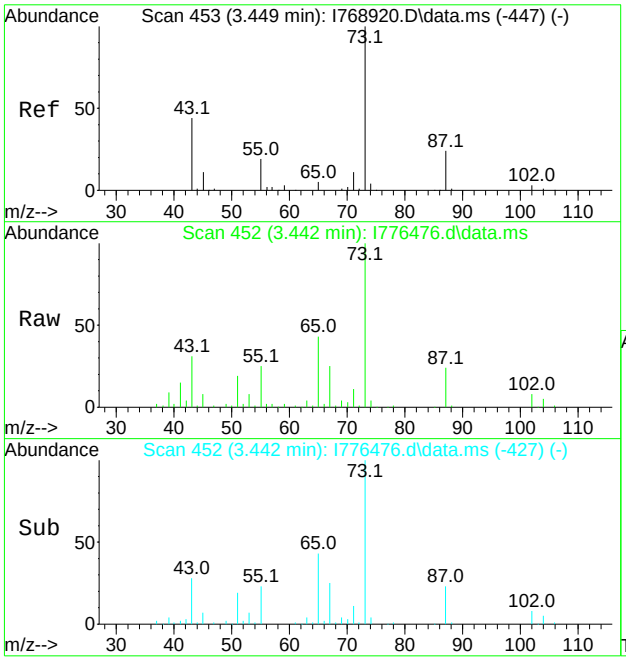


#47
Benzene
Concen: 25.9089 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 78 Resp: 139868

Ion	Ratio	Lower	Upper
78	100		
51	26.6	0.0	51.6
77	22.9	0.0	53.6
52	31.2	0.0	52.5

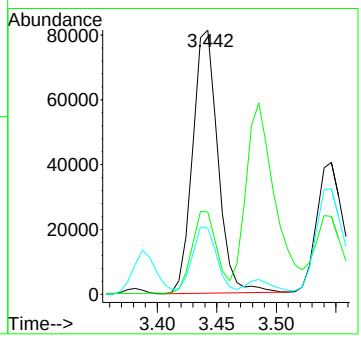


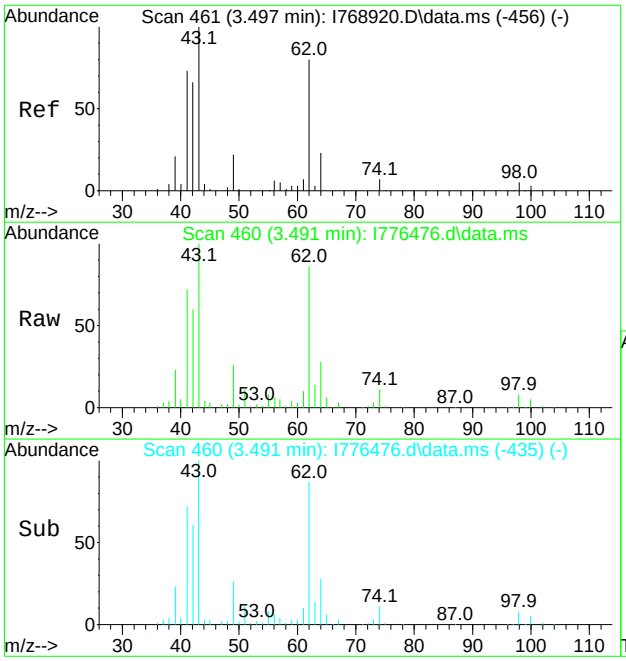


#48
TAME
Concen: 26.8856 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 73 Resp: 119233

Ion	Ratio	Lower	Upper
73	100		
43	30.8	11.2	51.2
55	23.6	0.0	39.2

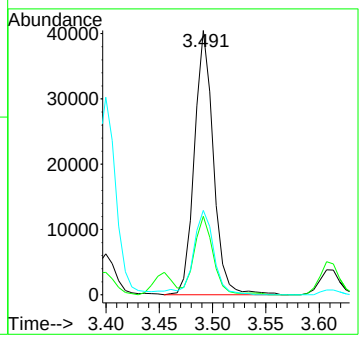


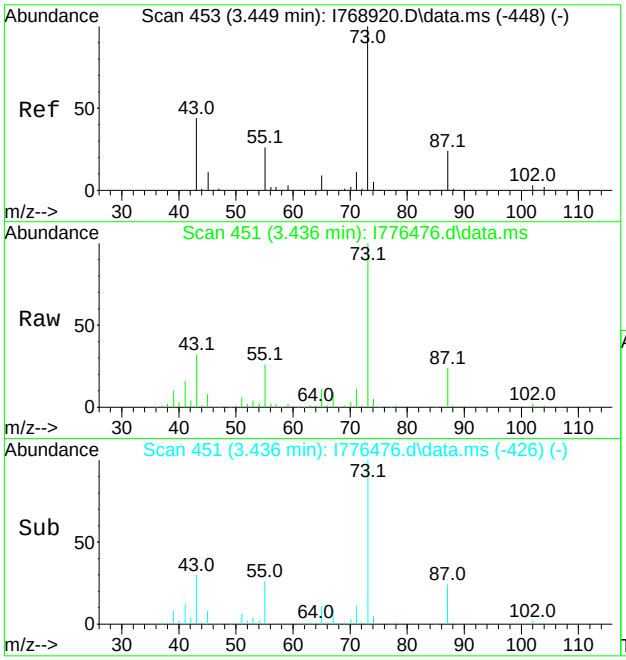


#50
1,2-Dichloroethane
Concen: 24.7374 ug/L
RT: 3.491 min Scan# 460
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 62 Resp: 50537

Ion	Ratio	Lower	Upper
62	100		
49	29.7	0.0	59.1
64	31.9	1.9	61.9

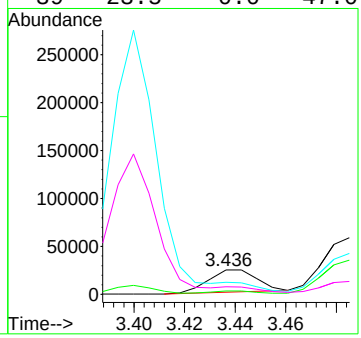


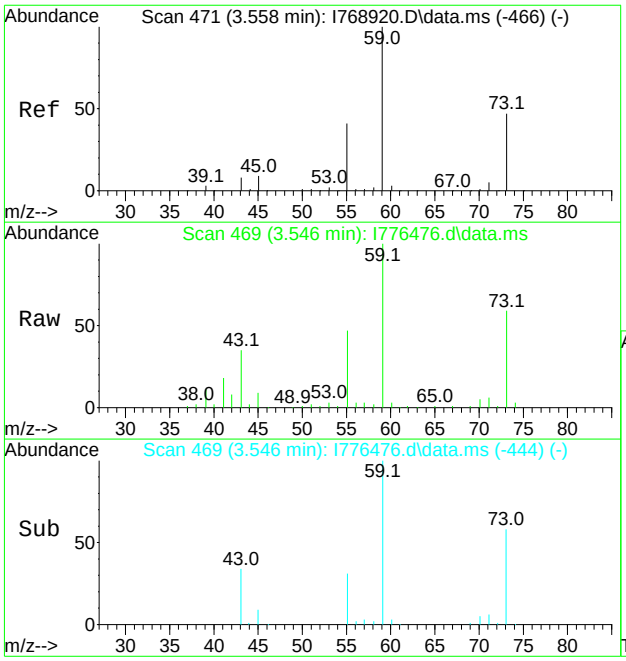


#51
Isobutyl Alcohol
Concen: 486.1654 ug/L
RT: 3.436 min Scan# 451
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 31146

Ion	Ratio	Lower	Upper
43	100		
42	8.5	0.0	63.1
41	36.6	0.0	98.5
39	23.5	0.0	47.0

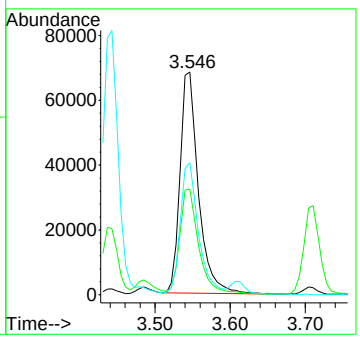


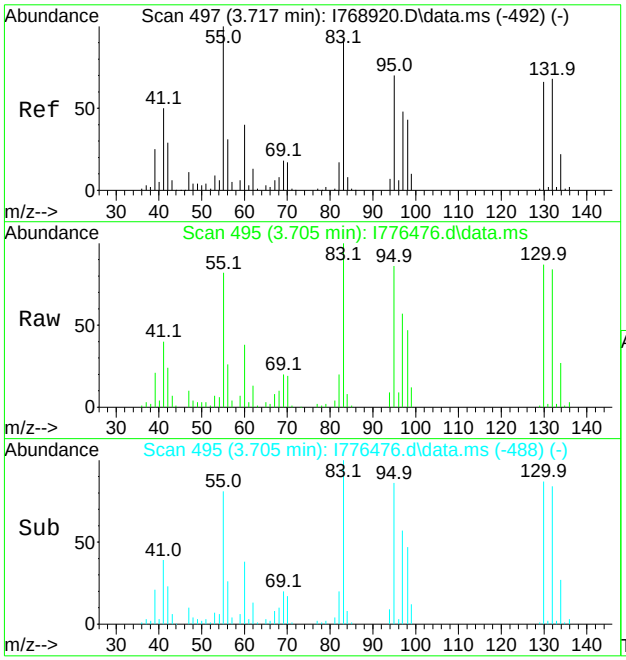


#52
Tert Amyl Alcohol
Concen: 249.8325 ug/L
RT: 3.546 min Scan# 469
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 59 Resp: 115779

Ion	Ratio	Lower	Upper
59	100		
55	47.4	7.9	67.9
73	59.1	33.6	93.6

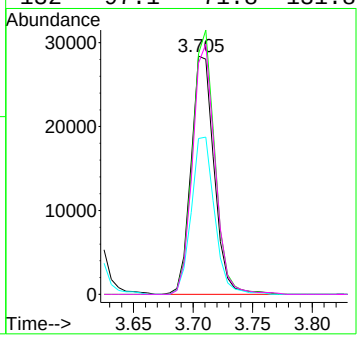


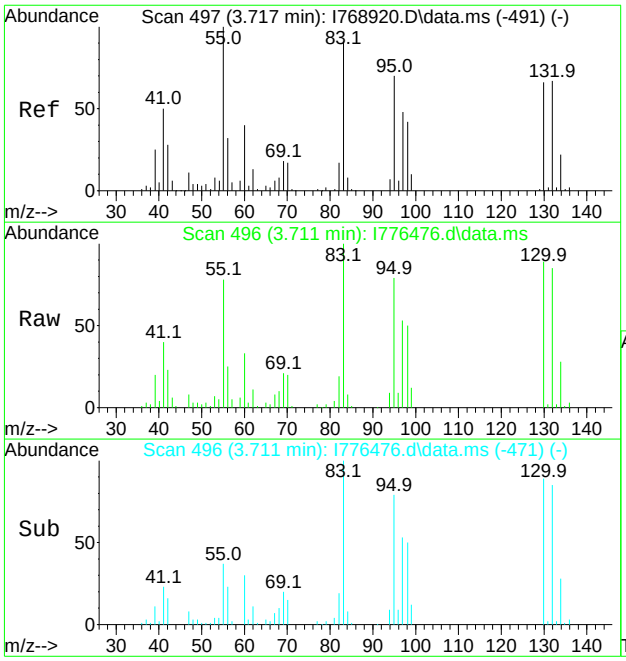


#53
Trichloroethene
Concen: 25.4737 ug/L
RT: 3.705 min Scan# 495
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 95 Resp: 38290

Ion	Ratio	Lower	Upper
95	100		
130	101.0	70.0	130.0
97	65.5	35.4	95.4
132	97.1	71.8	131.8

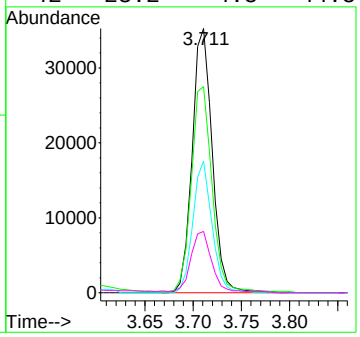


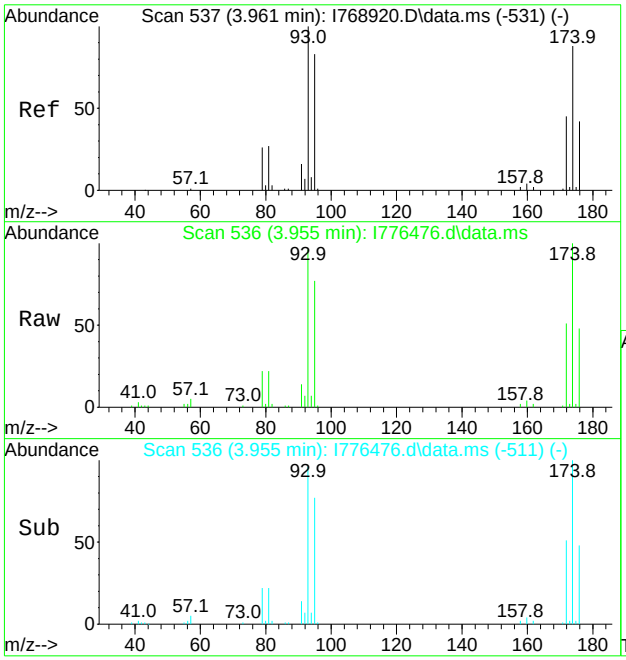


#54
Methylcyclohexane
Concen: 25.4794 ug/L
RT: 3.711 min Scan# 496
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 83 Resp: 51062

Ion	Ratio	Lower	Upper
83	100		
55	77.5	51.8	91.8
98	49.9	30.9	70.9
42	23.2	4.5	44.5

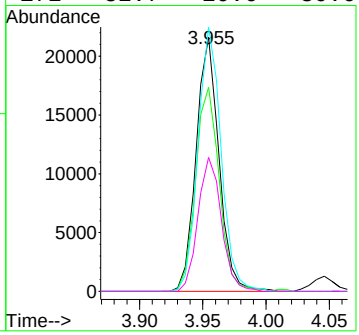


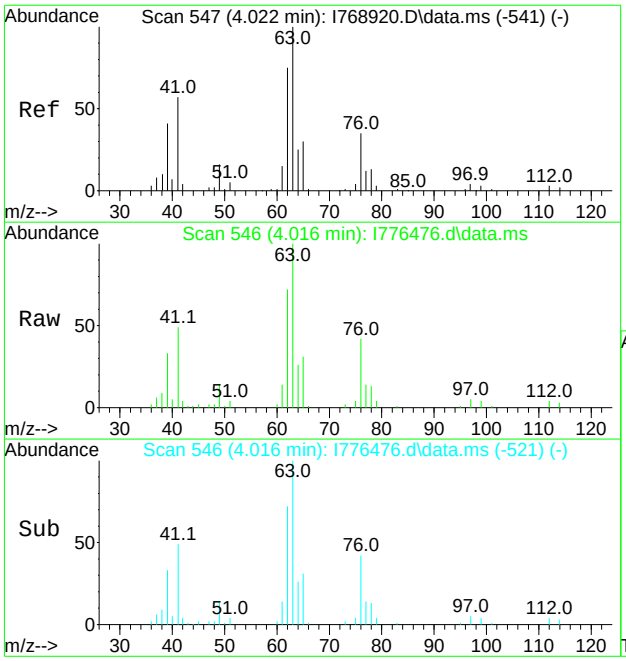


#55
Dibromomethane
Concen: 26.4824 ug/L
RT: 3.955 min Scan# 536
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 93 Resp: 27059

Ion	Ratio	Lower	Upper
93	100		
95	80.2	53.7	113.7
174	104.0	63.7	123.7
172	52.7	20.6	80.6

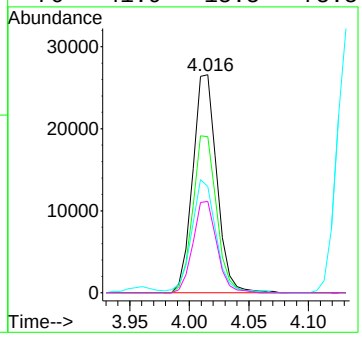


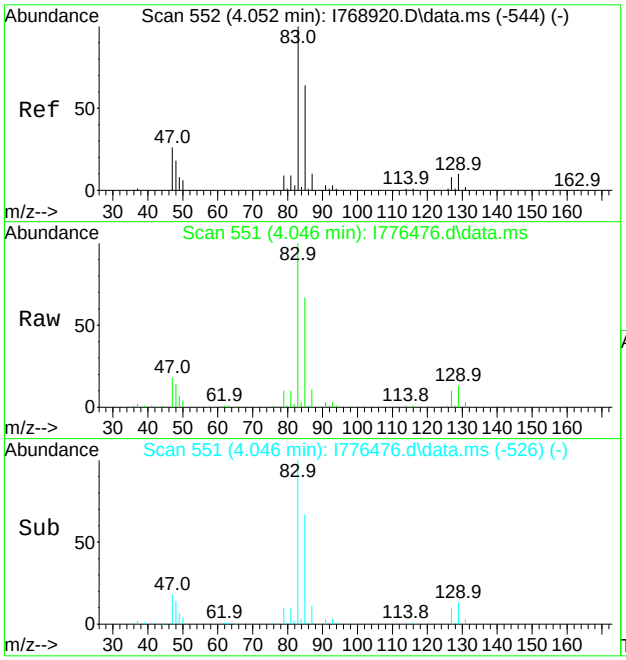


#56
1,2-Dichloropropane
Concen: 26.0175 ug/L
RT: 4.016 min Scan# 546
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 63 Resp: 37385

Ion	Ratio	Lower	Upper
63	100		
62	71.6	41.6	101.6
41	48.8	21.1	81.1
76	41.9	15.5	75.5

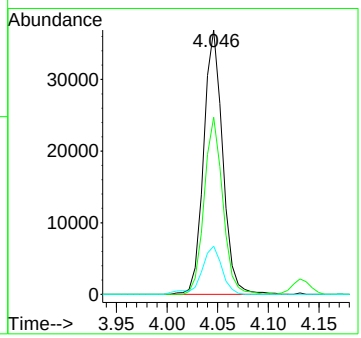


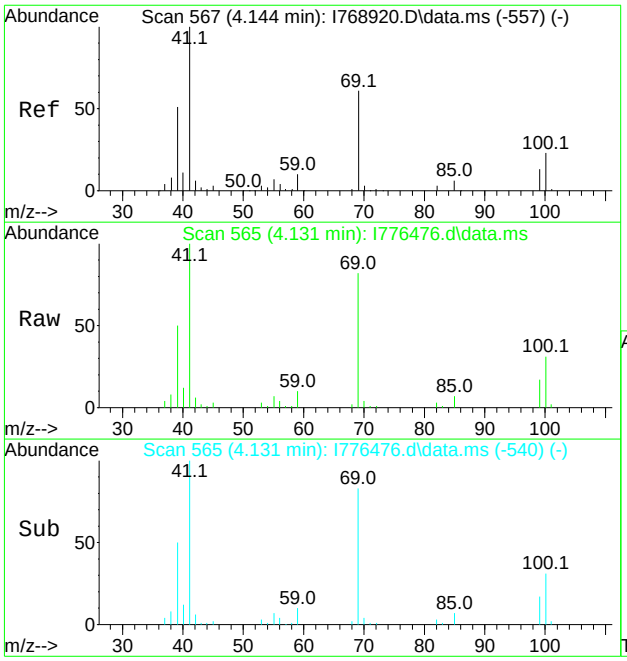


#57
Bromodichloromethane
Concen: 23.2921 ug/L
RT: 4.046 min Scan# 551
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 83 Resp: 48368

Ion	Ratio	Lower	Upper
83	100		
85	67.0	44.7	82.9
47	18.3	13.0	24.2

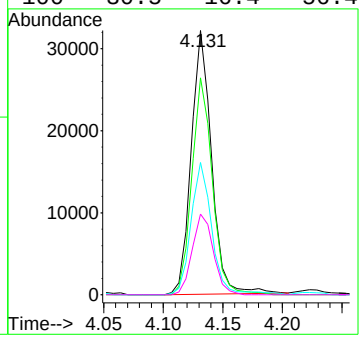


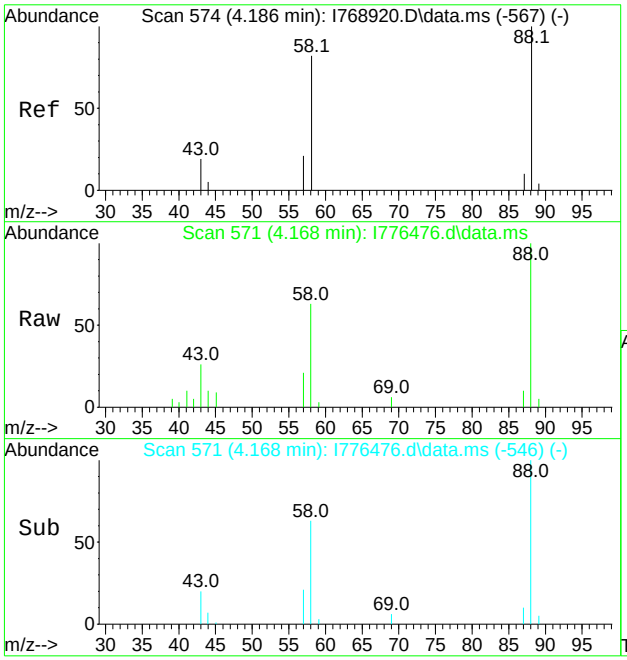


#58
Methyl methacrylate
Concen: 21.8900 ug/L
RT: 4.131 min Scan# 565
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 41 Resp: 38222

Ion	Ratio	Lower	Upper
41	100		
69	82.1	74.6	114.6
39	50.1	43.3	83.3
100	30.5	16.4	56.4

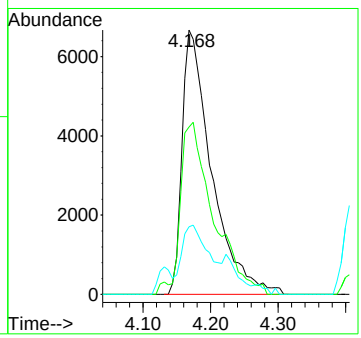


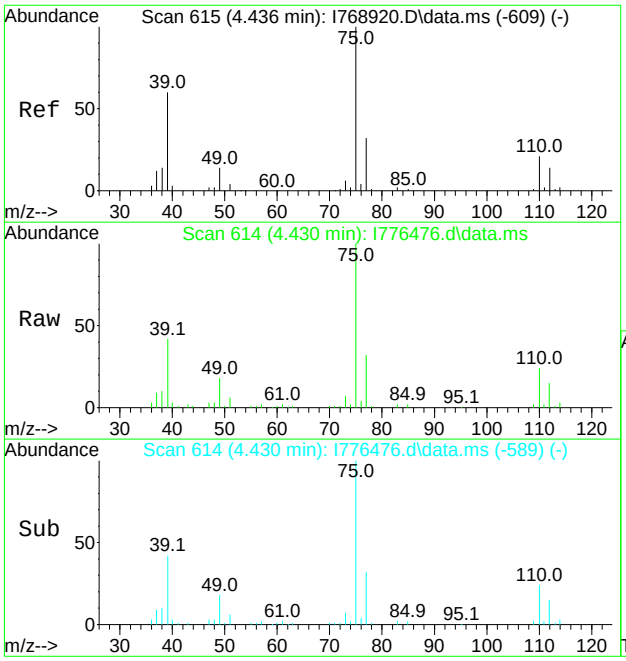


#59
1,4-Dioxane
Concen: 577.2519 ug/L
RT: 4.168 min Scan# 571
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 88 Resp: 20246

Ion	Ratio	Lower	Upper
88	100		
58	63.3	30.6	90.6
43	25.6	0.0	54.0

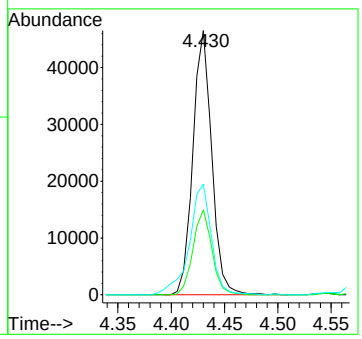


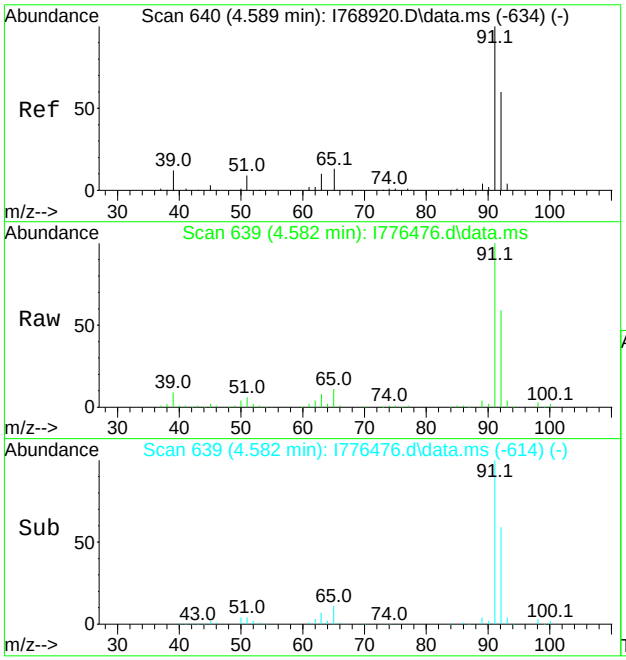


#61
cis-1,3-Dichloropropene
Concen: 24.2103 ug/L
RT: 4.430 min Scan# 614
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 75 Resp: 57512

Ion	Ratio	Lower	Upper
75	100		
77	32.2	1.8	61.8
39	41.8	17.6	77.6

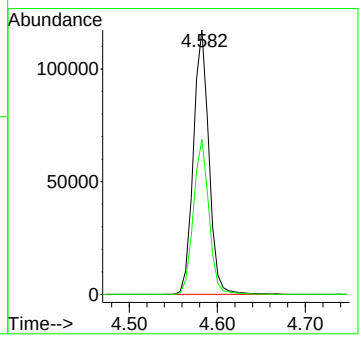


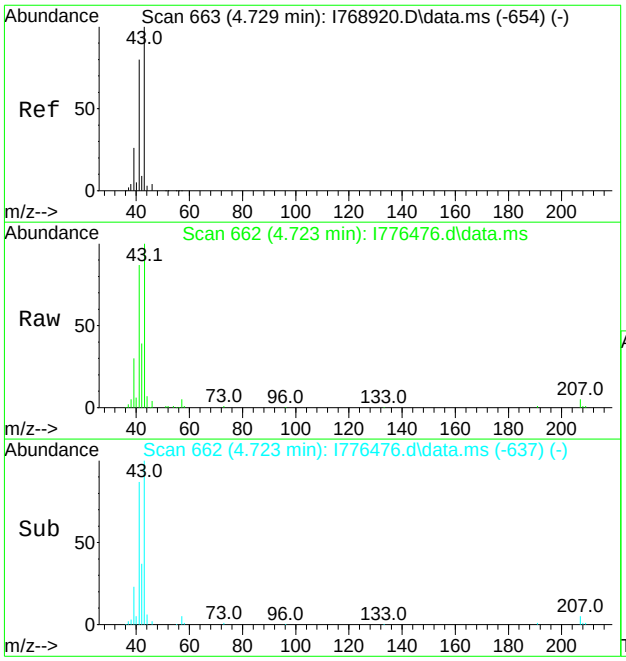


#64
Toluene
Concen: 25.5950 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 144479

Ion	Ratio	Lower	Upper
91	100		
92	58.8	28.6	88.6

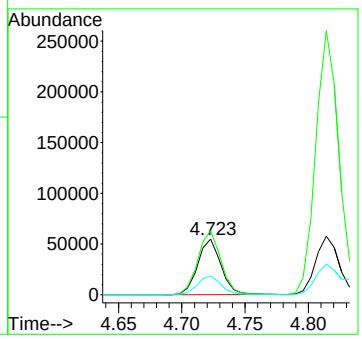


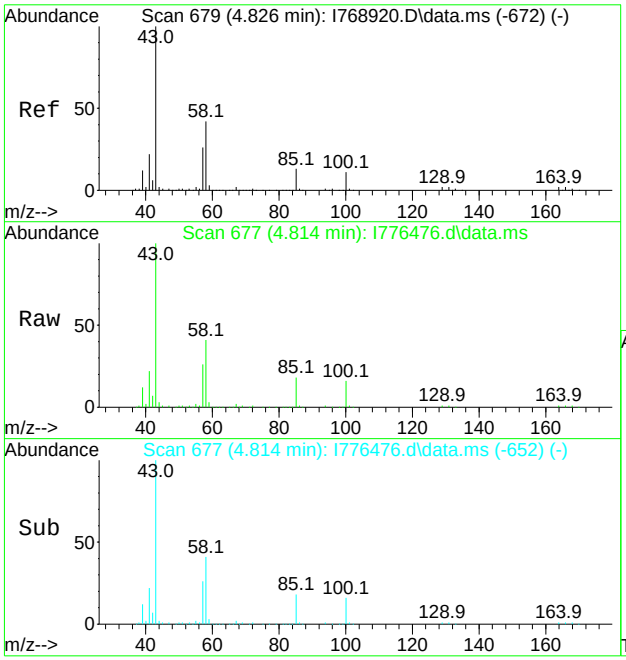


#65
2-Nitropropane
Concen: 86.5054 ug/L
RT: 4.723 min Scan# 662
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 41 Resp: 70051

Ion	Ratio	Lower	Upper
41	100		
43	114.3	95.7	135.7
39	34.0	17.9	57.9

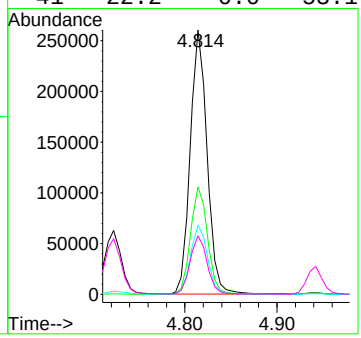


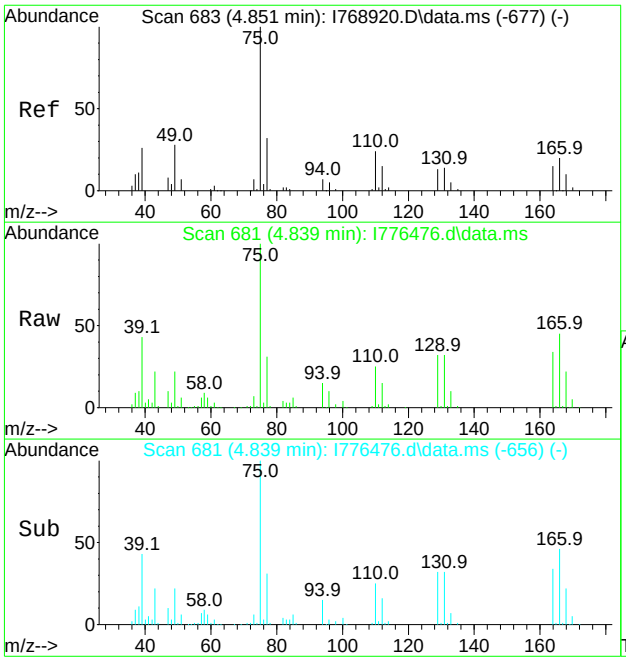


#66
4-Methyl-2-pentanone
Concen: 137.9037 ug/L
RT: 4.814 min Scan# 677
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 331690

Ion	Ratio	Lower	Upper
43	100		
58	40.8	9.8	69.8
57	26.1	0.0	54.0
41	22.2	0.0	53.1

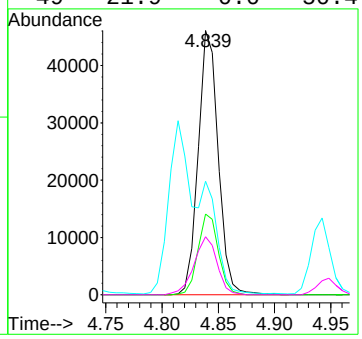


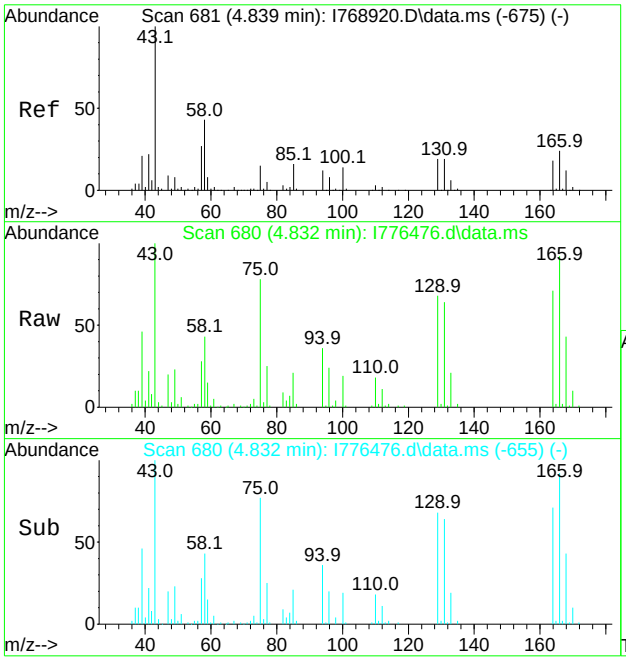


#67
trans-1,3-Dichloropropene
Concen: 24.6702 ug/L
RT: 4.839 min Scan# 681
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 75 Resp: 57188

Ion	Ratio	Lower	Upper
75	100		
77	30.5	2.0	62.0
39	42.5	15.3	75.3
49	21.9	0.0	50.4

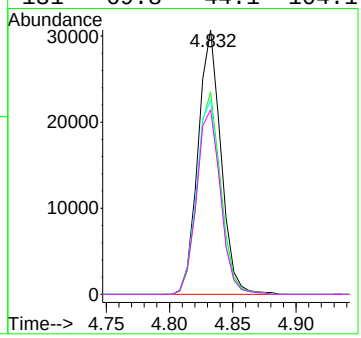


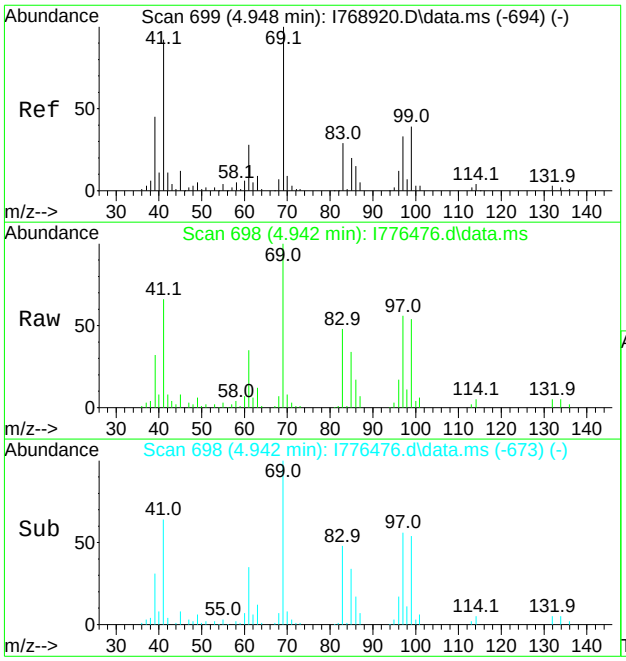


#68
Tetrachloroethene
Concen: 25.3122 ug/L
RT: 4.832 min Scan# 680
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:166 Resp: 38705

Ion	Ratio	Lower	Upper
166	100		
164	76.5	48.3	108.3
129	73.4	44.6	104.6
131	69.8	44.1	104.1

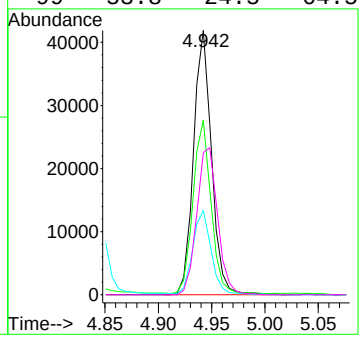


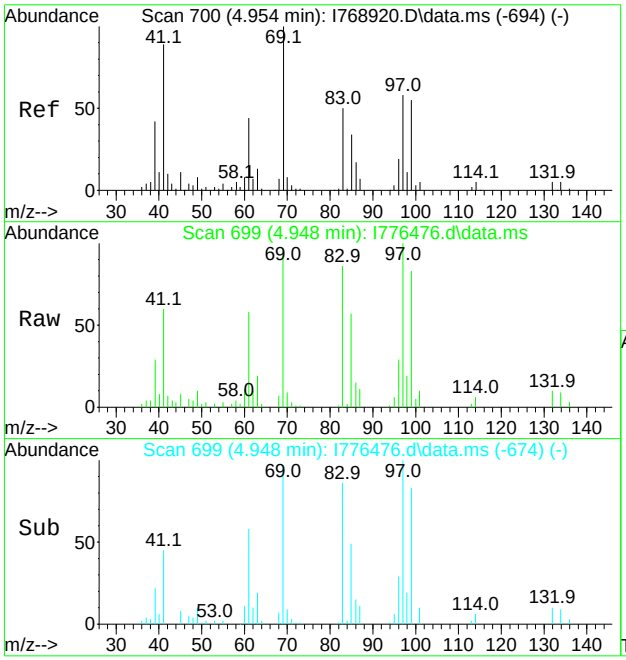


#69
Ethyl methacrylate
Concen: 23.4582 ug/L
RT: 4.942 min Scan# 698
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 69 Resp: 49498

Ion	Ratio	Lower	Upper
69	100		
41	65.5	43.8	83.8
39	32.0	18.5	58.5
99	53.8	24.5	64.5

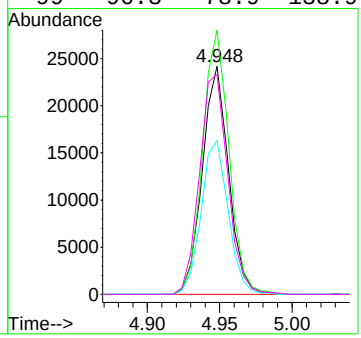


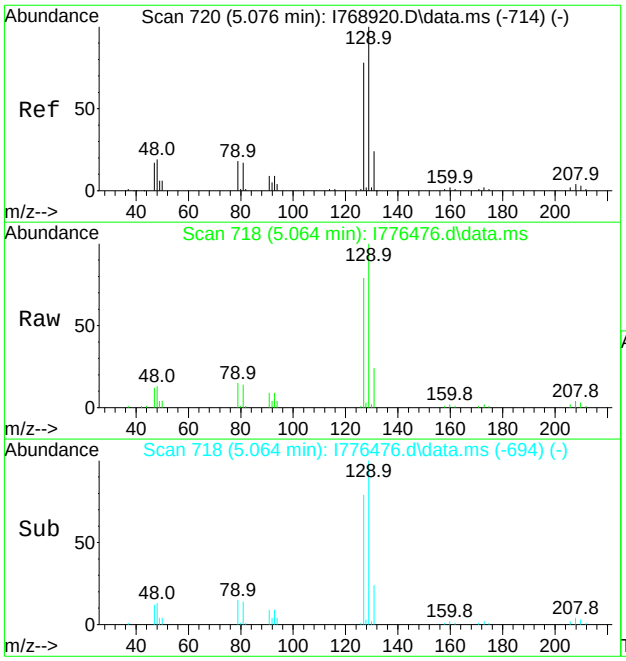


#70
1,1,2-Trichloroethane
Concen: 26.1814 ug/L
RT: 4.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 83 Resp: 30765

Ion	Ratio	Lower	Upper
83	100		
97	115.9	88.3	148.3
61	67.5	41.5	101.5
99	96.3	78.9	138.9

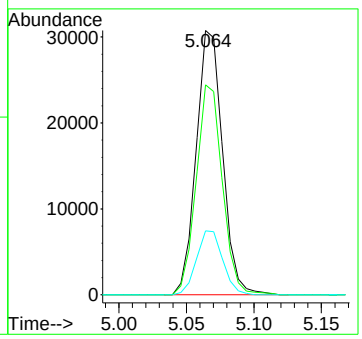


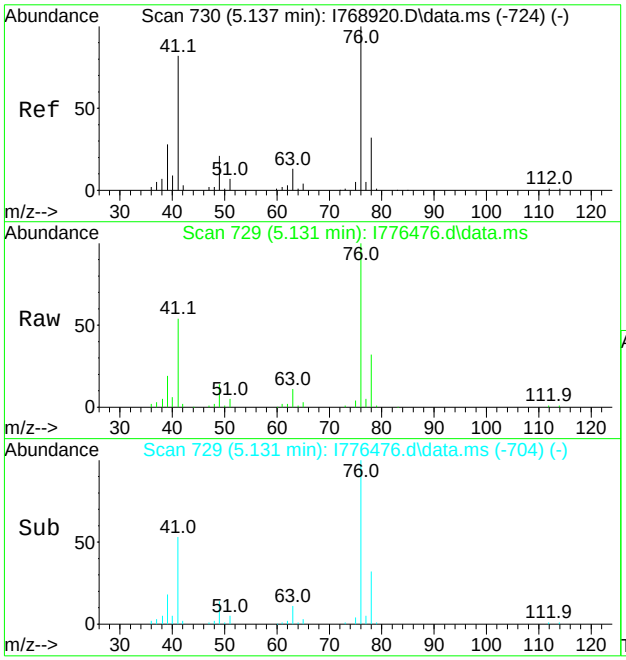


#71
Dibromochloromethane
Concen: 25.4627 ug/L
RT: 5.064 min Scan# 718
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:129 Resp: 41807

Ion	Ratio	Lower	Upper
129	100		
127	79.4	45.8	105.8
131	24.2	0.0	54.5

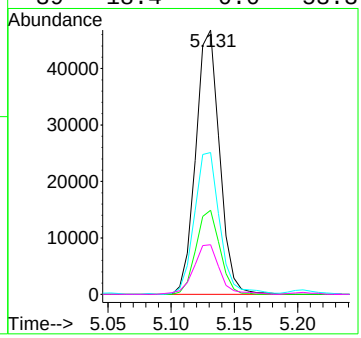


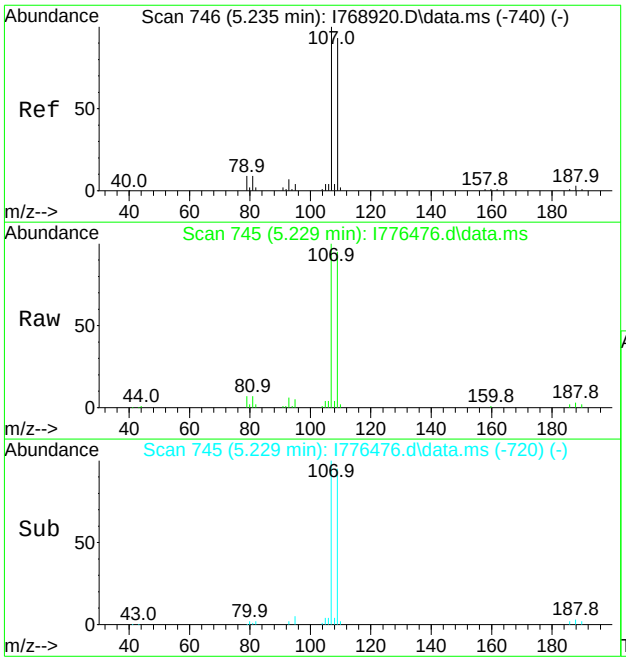


#72
1,3-Dichloropropane
Concen: 26.8499 ug/L
RT: 5.131 min Scan# 729
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 76 Resp: 61128

Ion	Ratio	Lower	Upper
76	100		
78	31.8	2.7	62.7
41	53.6	23.5	83.5
39	18.4	0.0	53.3

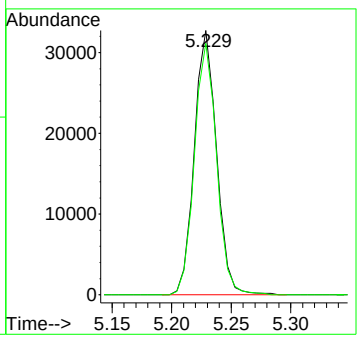


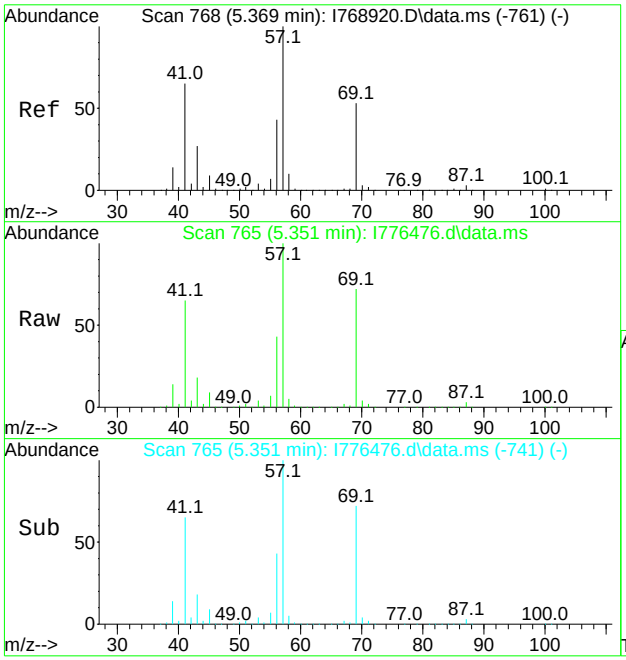


#73
1,2-Dibromoethane
Concen: 26.8450 ug/L
RT: 5.229 min Scan# 745
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:107 Resp: 42392

Ion	Ratio	Lower	Upper
107	100		
109	95.0	64.5	124.5

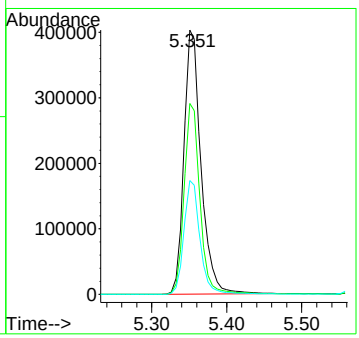


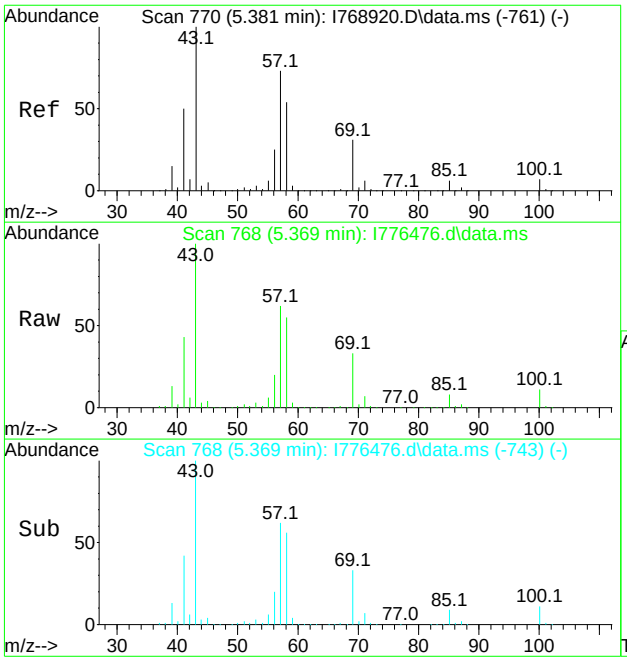


#74
3,3-Dimethyl-1-Butanol
Concen: 1349.2812 ug/L
RT: 5.351 min Scan# 765
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 57 Resp: 637239

Ion	Ratio	Lower	Upper
57	100		
69	72.1	59.1	99.1
56	43.0	23.9	63.9

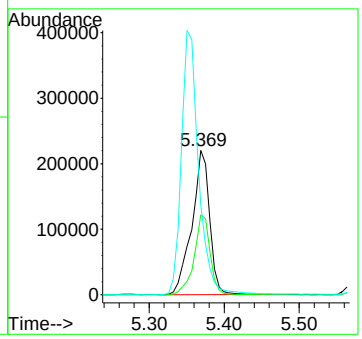


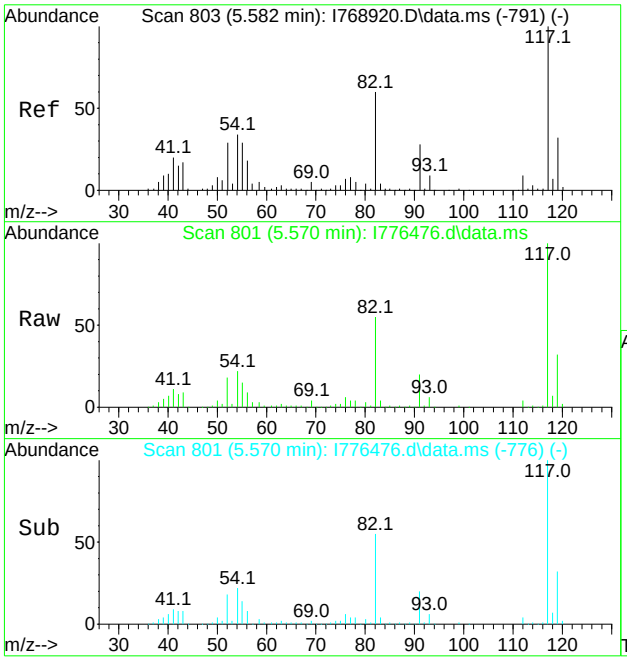


#75
2-hexanone
Concen: 132.9809 ug/L
RT: 5.369 min Scan# 768
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 43 Resp: 362403

Ion	Ratio	Lower	Upper
43	100		
58	55.5	22.9	82.9
57	62.1	8.7	68.7

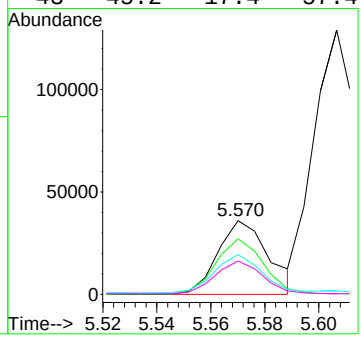


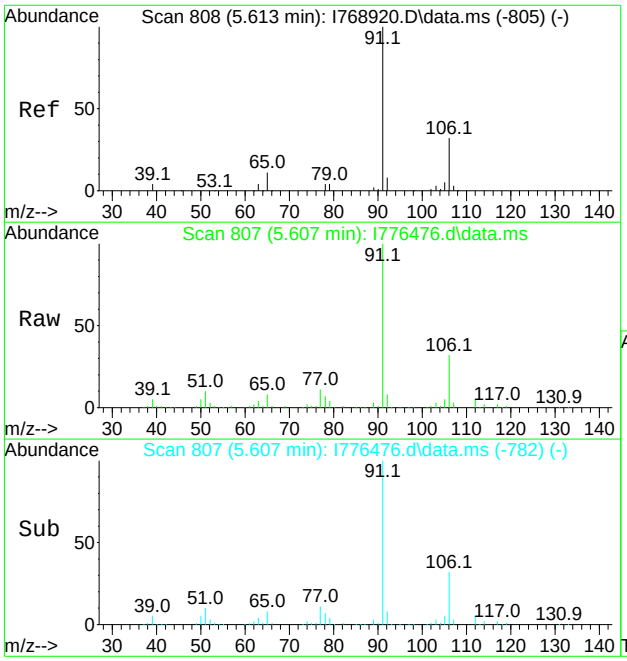


#76
1-Chlorohexane
Concen: 24.5620 ug/L m
RT: 5.570 min Scan# 801
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 47087

Ion	Ratio	Lower	Upper
91	100		
55	75.3	41.1	81.1
41	53.8	27.9	67.9
43	45.2	17.4	57.4

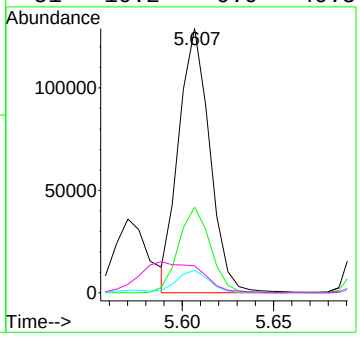


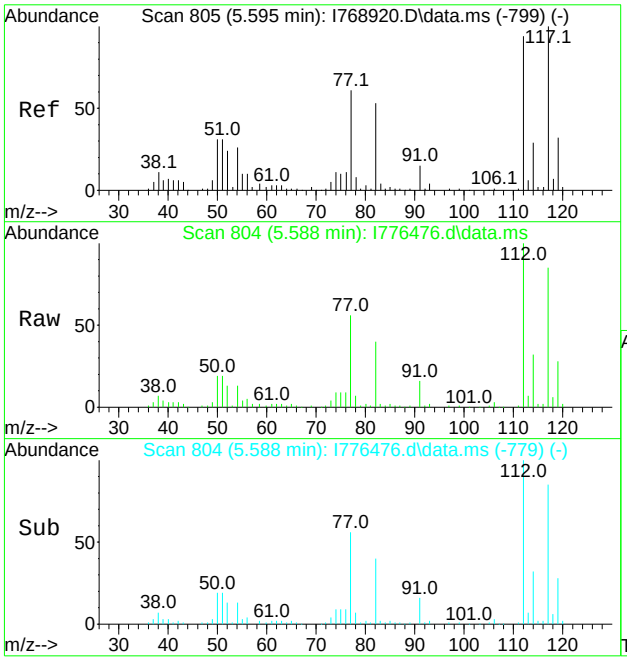


#77
Ethylbenzene
Concen: 24.3551 ug/L m
RT: 5.607 min Scan# 807
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 152871

Ion	Ratio	Lower	Upper
91	100		
106	32.4	0.9	60.9
65	8.5	0.0	38.6
51	10.2	0.0	40.5

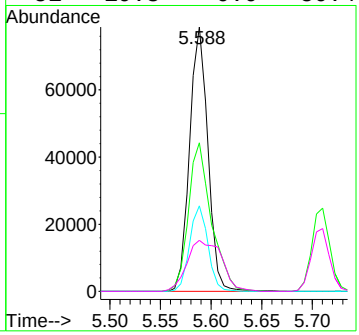


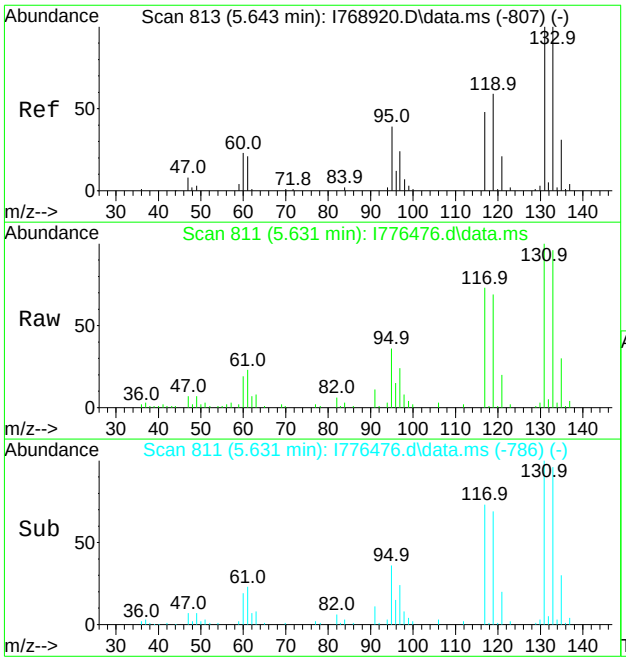


#78
Chlorobenzene
Concen: 26.3353 ug/L
RT: 5.588 min Scan# 804
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:112 Resp: 99238

Ion	Ratio	Lower	Upper
112	100		
77	56.2	26.5	86.5
114	32.3	2.4	62.4
51	19.3	0.0	50.4

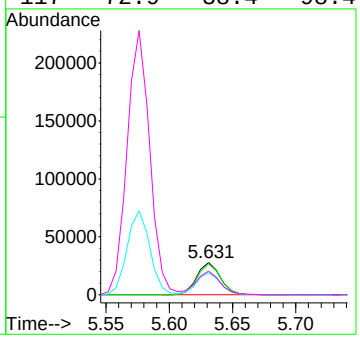


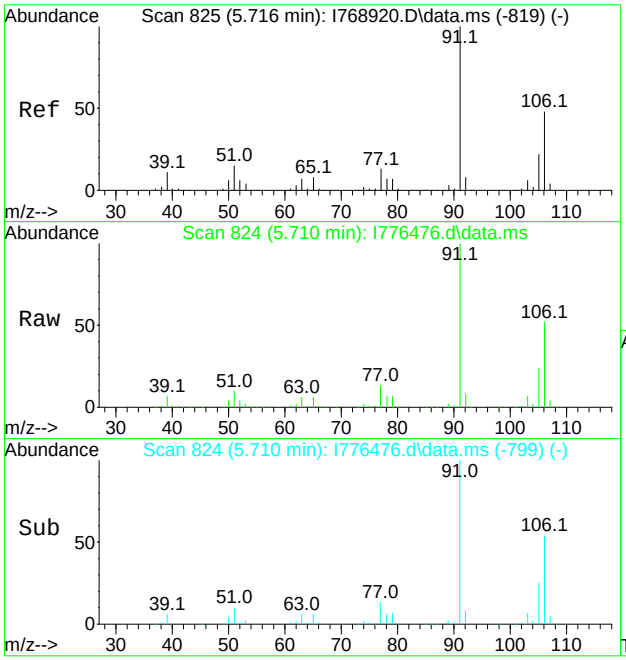


#79
1,1,1,2-Tetrachloroethane
Concen: 25.2934 ug/L
RT: 5.631 min Scan# 811
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:131 Resp: 36307

Ion	Ratio	Lower	Upper
131	100		
133	95.8	65.0	125.0
119	68.7	35.0	95.0
117	72.9	38.4	98.4

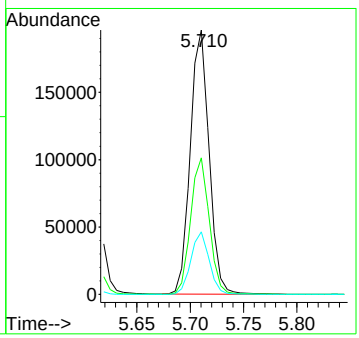


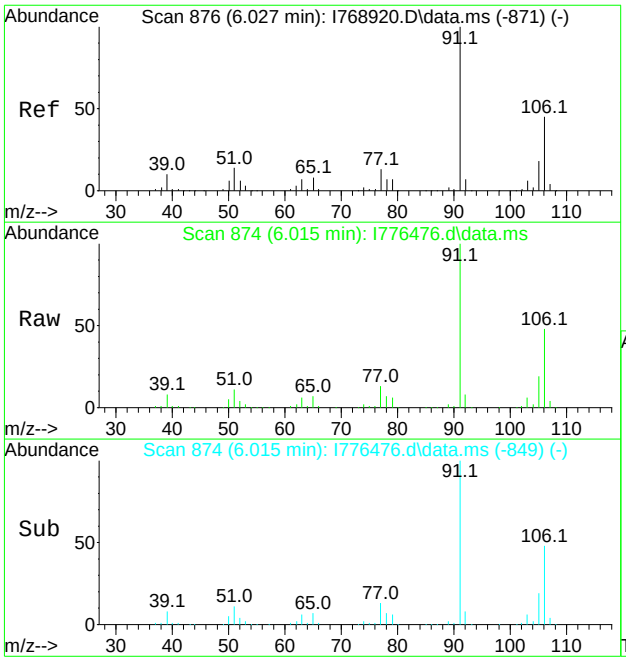


#80
m,p-Xylene
Concen: 49.1226 ug/L
RT: 5.710 min Scan# 824
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 240545

Ion	Ratio	Lower	Upper
91	100		
106	51.6	18.5	78.5
105	23.7	0.0	51.8

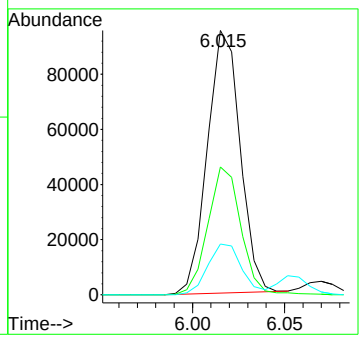


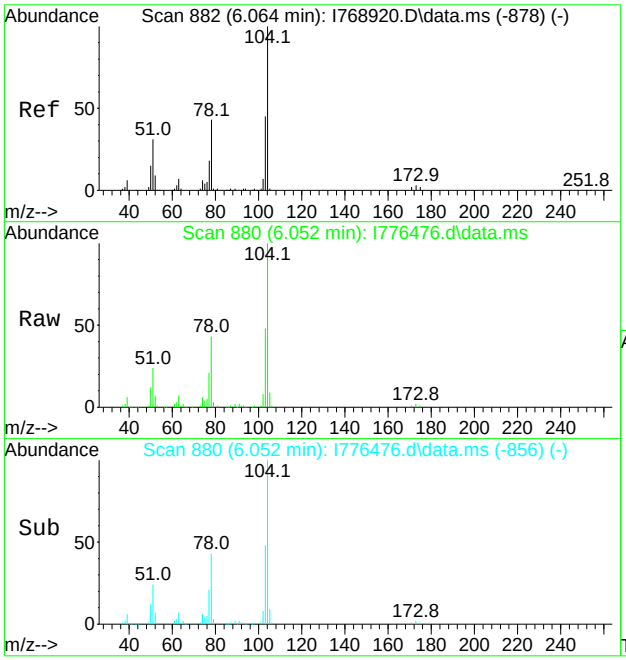


#81
o-Xylene
Concen: 24.1545 ug/L
RT: 6.015 min Scan# 874
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 118212

Ion	Ratio	Lower	Upper
91	100		
106	48.3	17.4	77.4
105	19.2	0.0	49.4

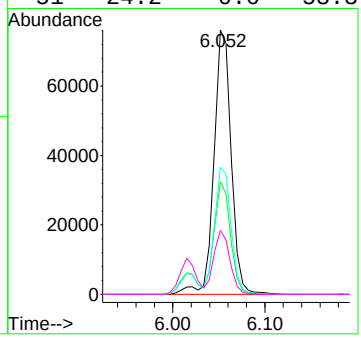


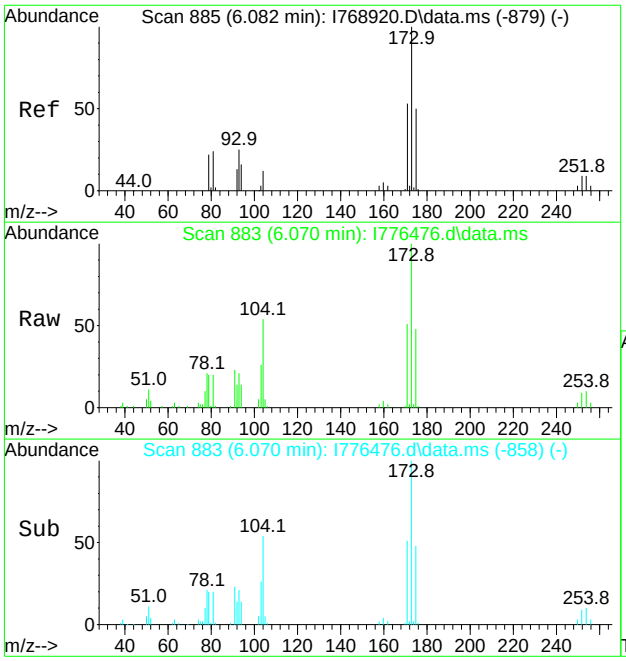


#82
Styrene
Concen: 25.7466 ug/L
RT: 6.052 min Scan# 880
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:104 Resp: 99303

Ion	Ratio	Lower	Upper
104	100		
78	42.6	13.6	73.6
103	48.1	16.8	76.8
51	24.2	0.0	53.3

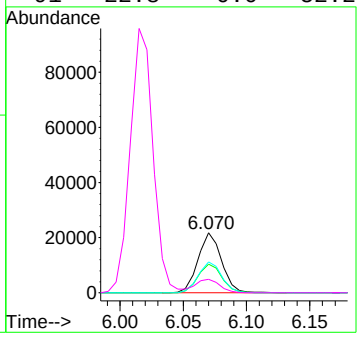


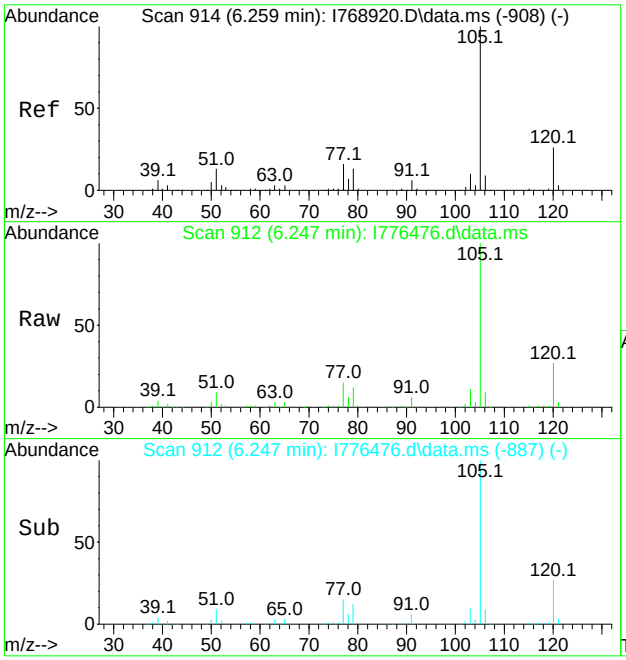


#83
Bromoform
Concen: 23.7278 ug/L
RT: 6.070 min Scan# 883
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:173 Resp: 28065

Ion	Ratio	Lower	Upper
173	100		
175	47.7	17.9	77.9
171	51.3	20.9	80.9
91	22.8	0.0	52.2

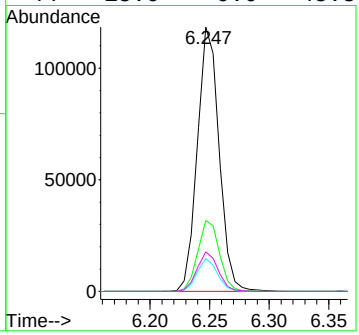


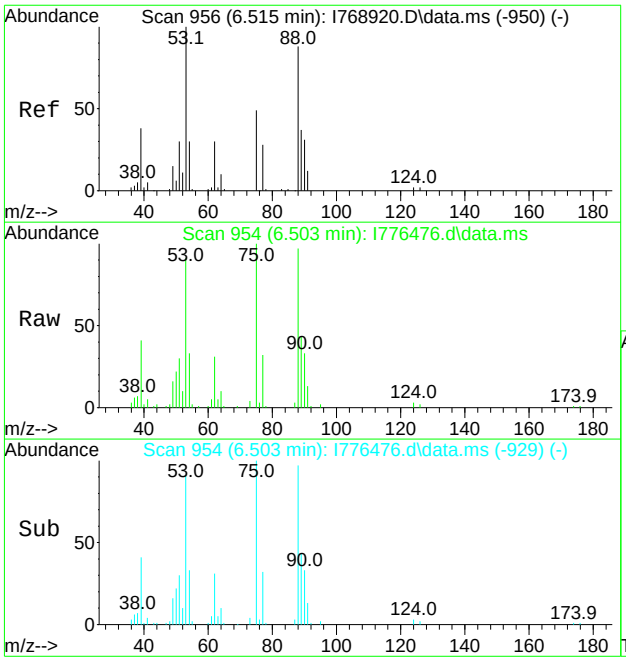


#84
Isopropylbenzene
Concen: 24.6623 ug/L
RT: 6.247 min Scan# 912
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:105 Resp: 150147

Ion	Ratio	Lower	Upper
105	100		
120	26.9	0.0	57.6
79	12.4	0.0	42.2
77	15.0	0.0	45.8

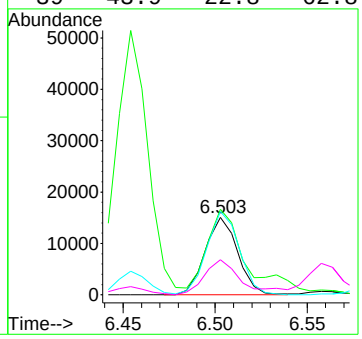


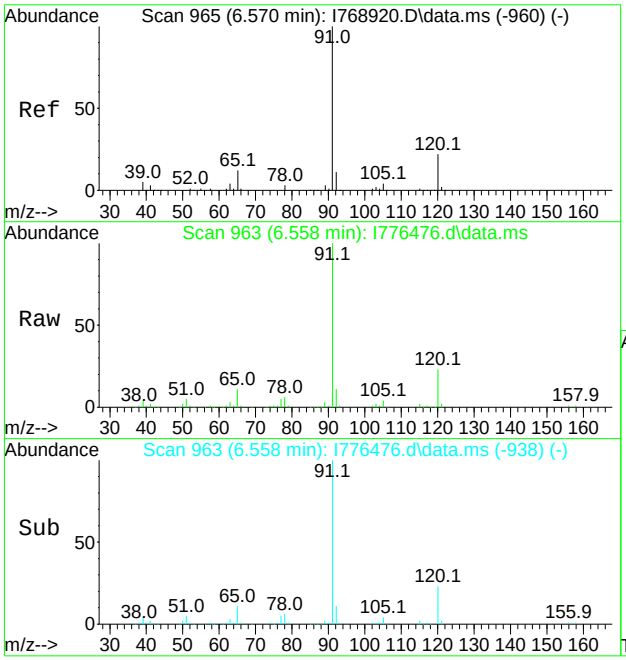


#87
cis-1,4-Dichloro-2-butene
Concen: 21.3684 ug/L
RT: 6.503 min Scan# 954
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 53 Resp: 18592

Ion	Ratio	Lower	Upper
53	100		
75	91.9	68.2	108.2
88	107.5	101.4	141.4
39	43.9	22.8	62.8

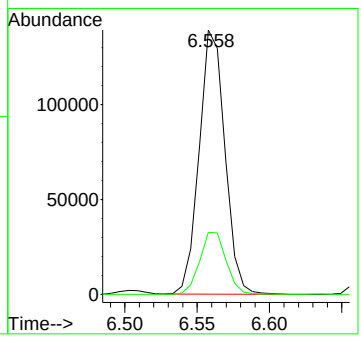


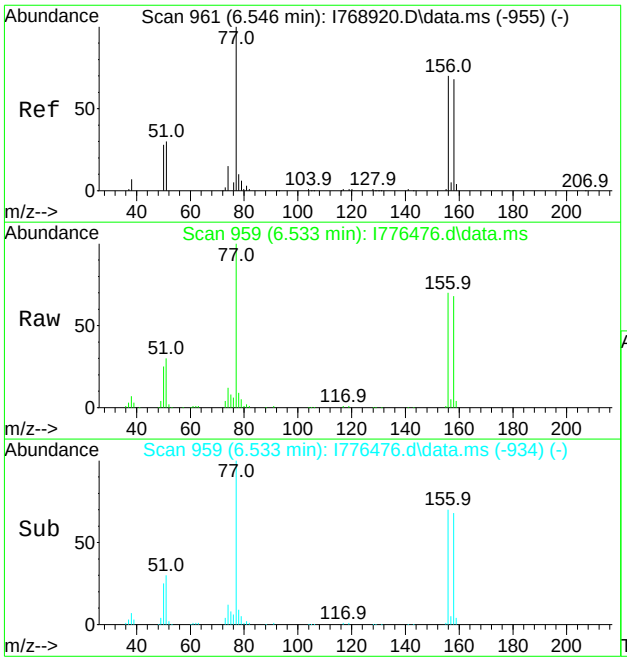


#88
n-Propylbenzene
Concen: 24.8758 ug/L
RT: 6.558 min Scan# 963
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 172751

Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	53.4

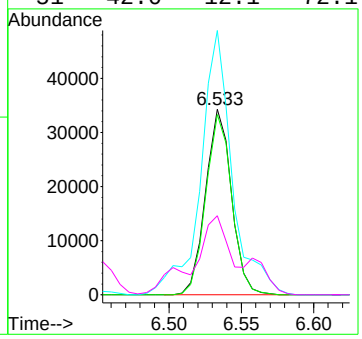


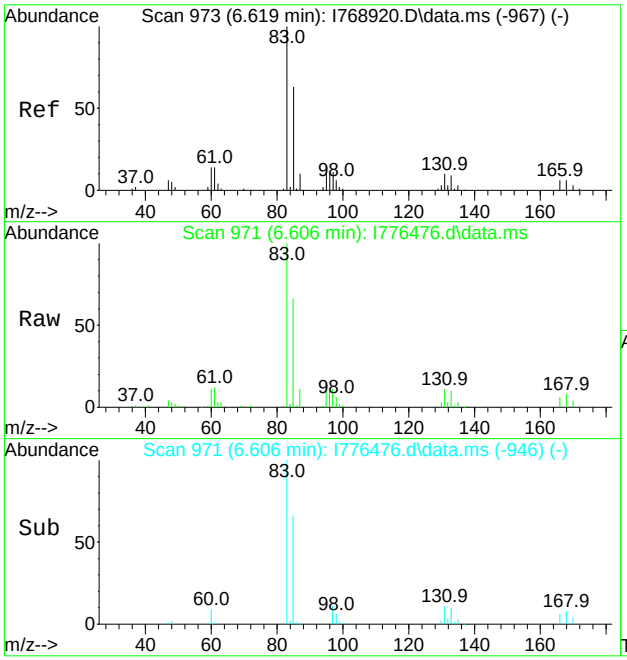


#89
Bromobenzene
Concen: 26.7148 ug/L
RT: 6.533 min Scan# 959
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:156 Resp: 42848

Ion	Ratio	Lower	Upper
156	100		
158	97.2	67.3	127.3
77	141.8	112.5	172.5
51	42.0	12.1	72.1

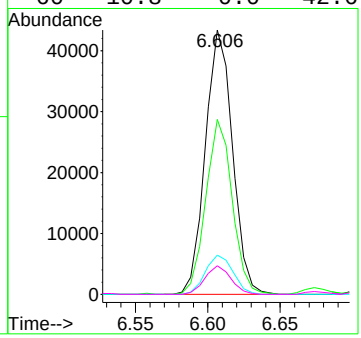


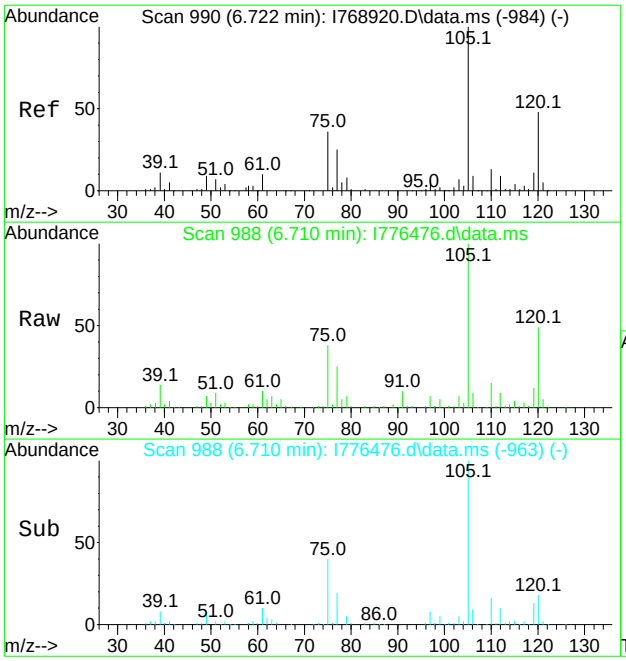


#90
1,1,2,2-Tetrachloroethane
Concen: 27.2011 ug/L
RT: 6.606 min Scan# 971
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 83 Resp: 56620

Ion	Ratio	Lower	Upper
83	100		
85	66.1	34.7	94.7
95	14.9	0.0	46.9
60	10.8	0.0	42.6

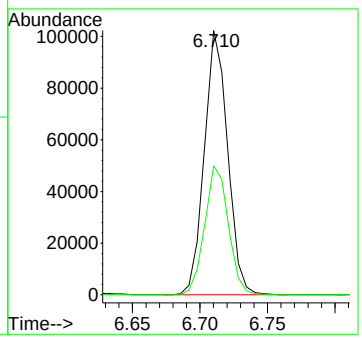


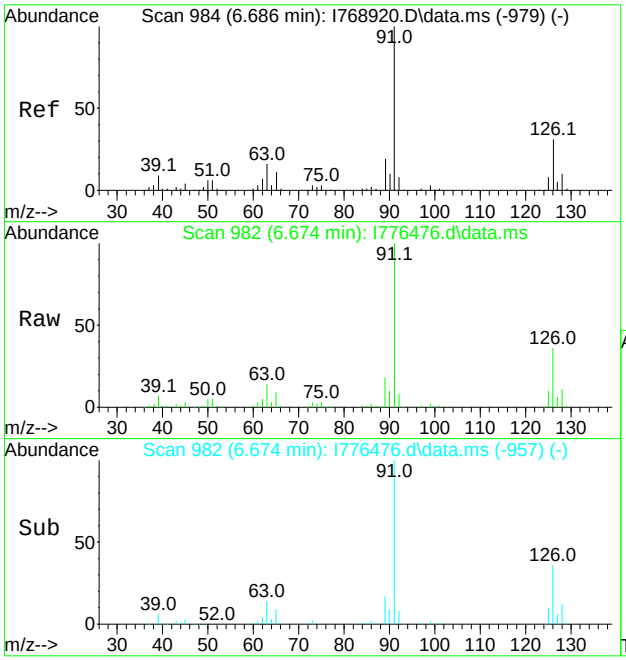


#91
1,3,5-Trimethylbenzene
Concen: 24.3372 ug/L
RT: 6.710 min Scan# 988
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:105 Resp: 122900

Ion	Ratio	Lower	Upper
105	100		
120	48.9	19.5	79.5

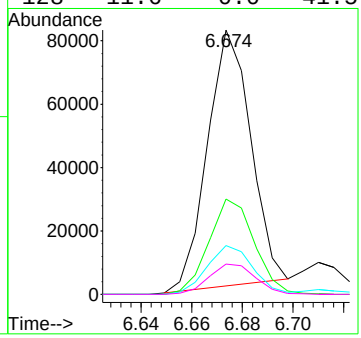


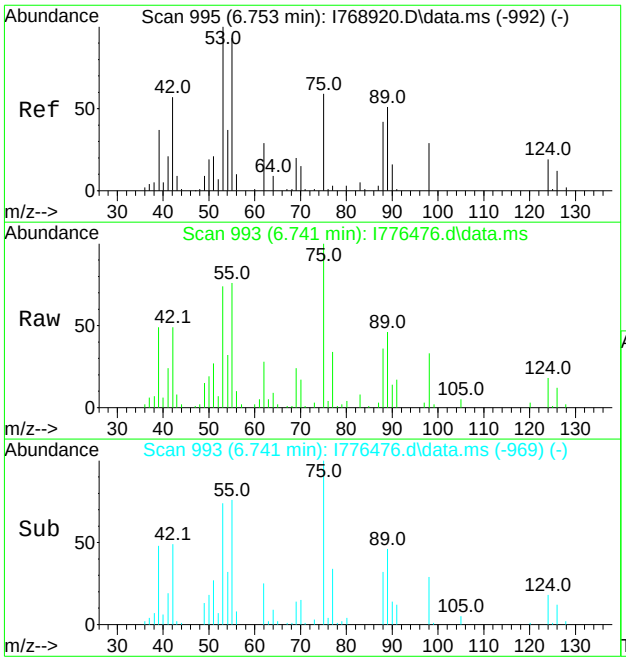


#92
2-Chlorotoluene
Concen: 25.1618 ug/L
RT: 6.674 min Scan# 982
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 96394

Ion	Ratio	Lower	Upper
91	100		
126	36.3	6.4	66.4
89	18.5	0.0	49.2
128	11.6	0.0	41.5

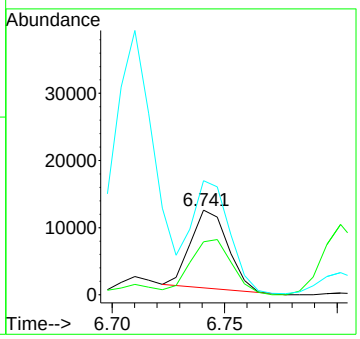


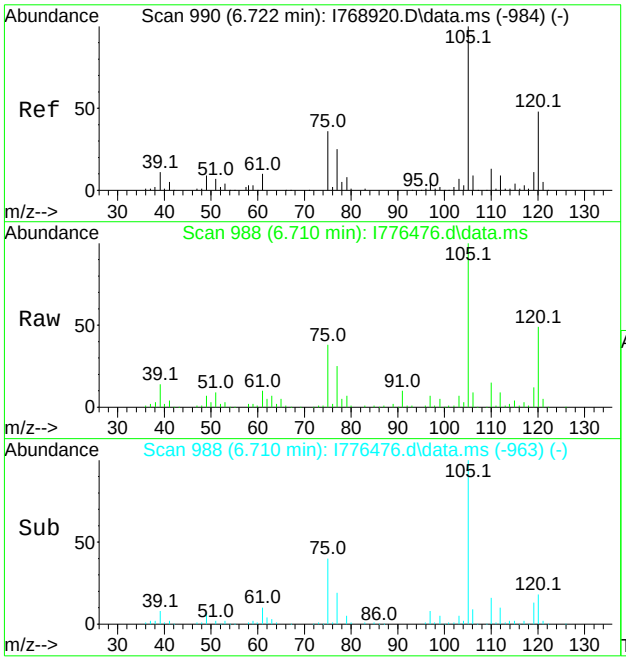


#93
trans-1,4-Dichloro-2-Butene
Concen: 19.8929 ug/L
RT: 6.741 min Scan# 993
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 53 Resp: 13253

Ion	Ratio	Lower	Upper
53	100		
89	62.5	56.1	96.1
75	133.2	125.0	165.0

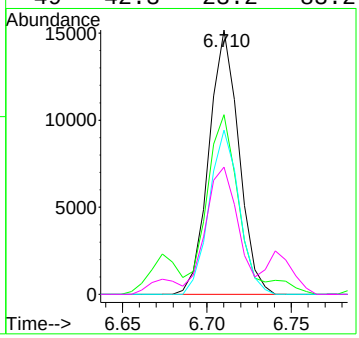


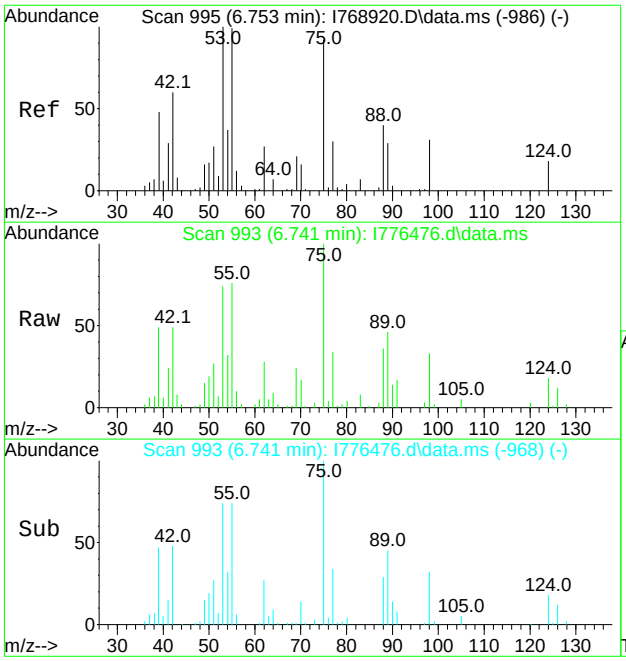


#94
1,2,3-Trichloropropane
Concen: 26.3933 ug/L
RT: 6.710 min Scan# 988
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:110 Resp: 18696

Ion	Ratio	Lower	Upper
110	100		
61	62.9	36.4	96.4
112	62.2	32.9	92.9
49	42.3	23.2	83.2

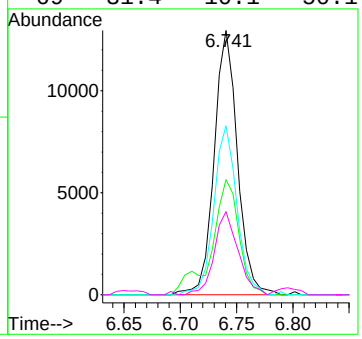


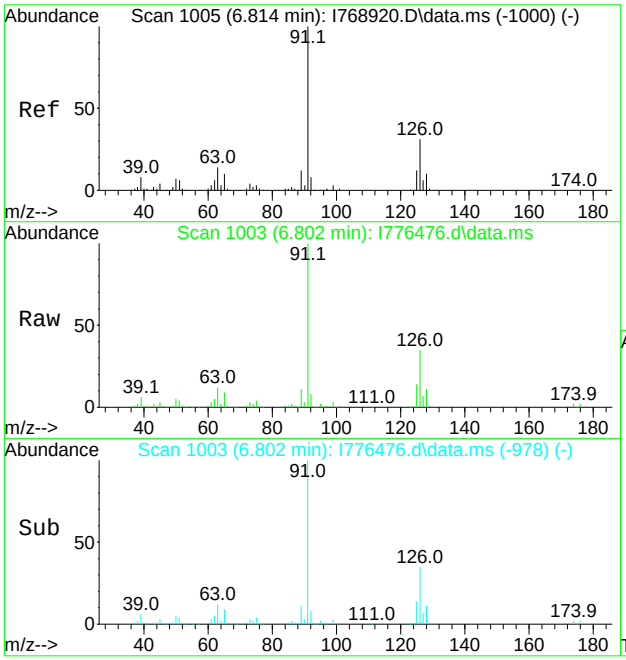


#95
Cyclohexanone
Concen: 121.0346 ug/L
RT: 6.741 min Scan# 993
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 55 Resp: 18672

Ion	Ratio	Lower	Upper
55	100		
98	43.6	26.9	66.9
42	63.9	48.5	88.5
69	31.4	10.1	50.1

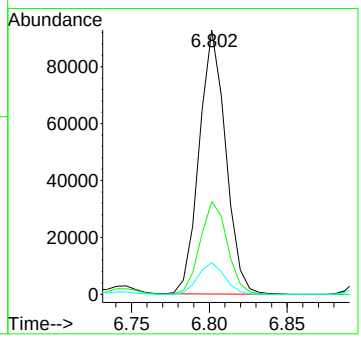


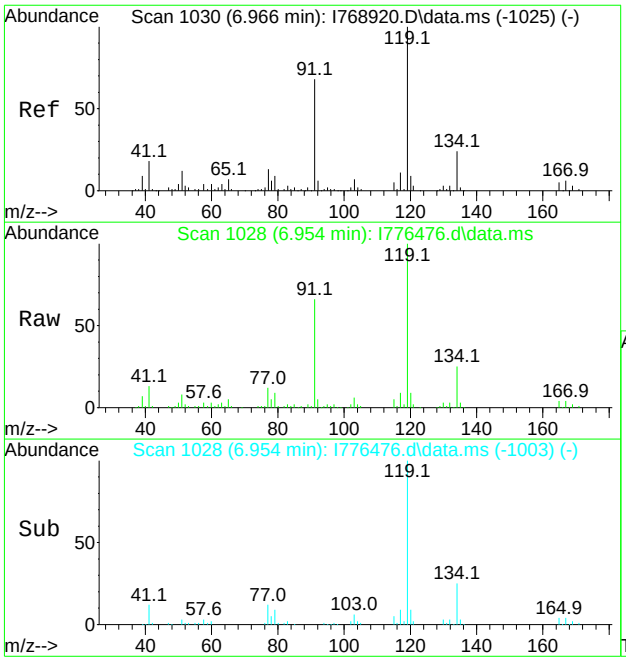


#96
4-Chlorotoluene
Concen: 24.7284 ug/L
RT: 6.802 min Scan# 1003
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 109365

Ion	Ratio	Lower	Upper
91	100		
126	35.1	6.2	66.2
63	12.0	0.0	42.7

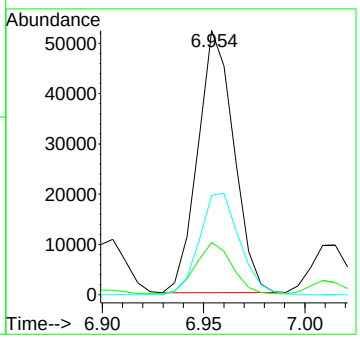


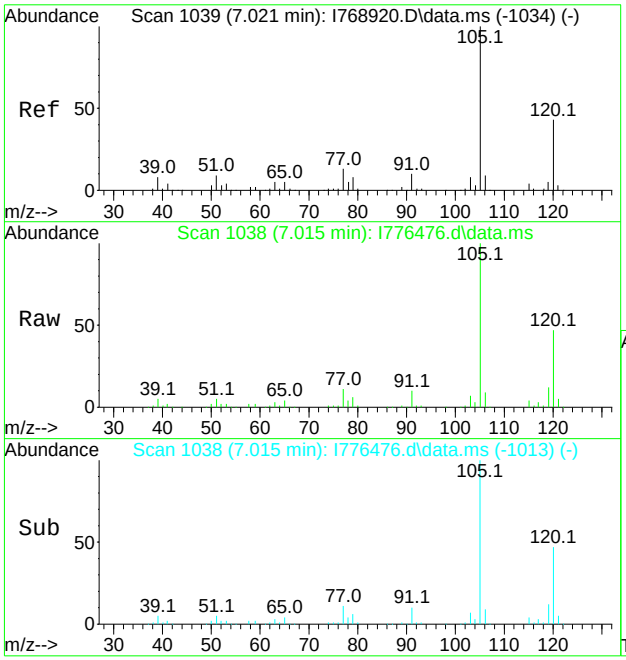


#97
tert-Butylbenzene
Concen: 23.9954 ug/L
RT: 6.954 min Scan# 1028
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 91 Resp: 64608

Ion	Ratio	Lower	Upper
91	100		
41	19.7	0.0	47.2
134	37.9	8.6	68.6

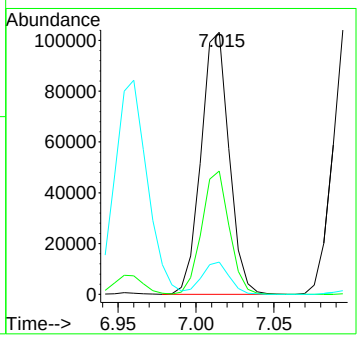


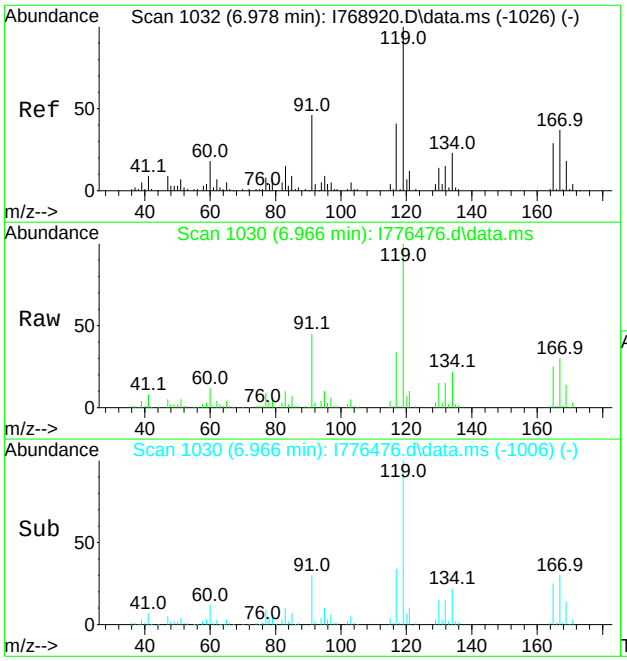


#98
1,2,4-Trimethylbenzene
Concen: 26.0169 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:105 Resp: 128992

Ion	Ratio	Lower	Upper
105	100		
120	47.1	16.3	76.3
119	12.4	0.0	42.2

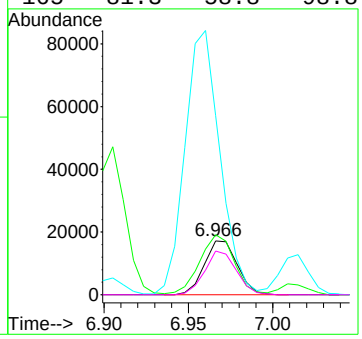


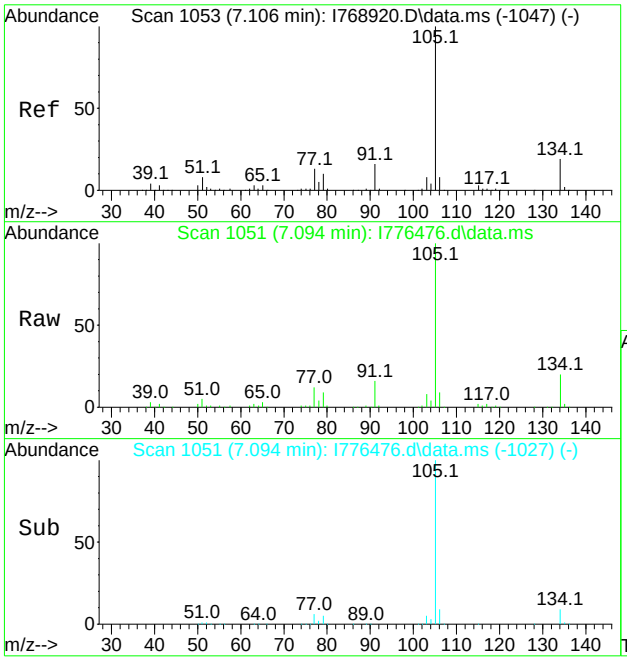


#99
Pentachloroethane
Concen: 25.7345 ug/L
RT: 6.966 min Scan# 1030
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:167 Resp: 23446

Ion	Ratio	Lower	Upper
167	100		
117	109.0	71.5	131.5
119	314.4	157.1	217.1#
165	81.3	58.8	98.8

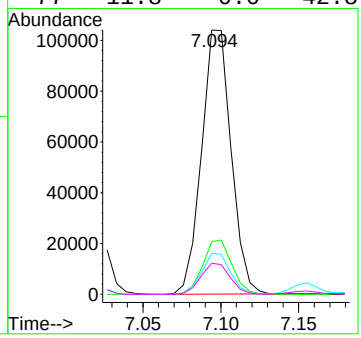


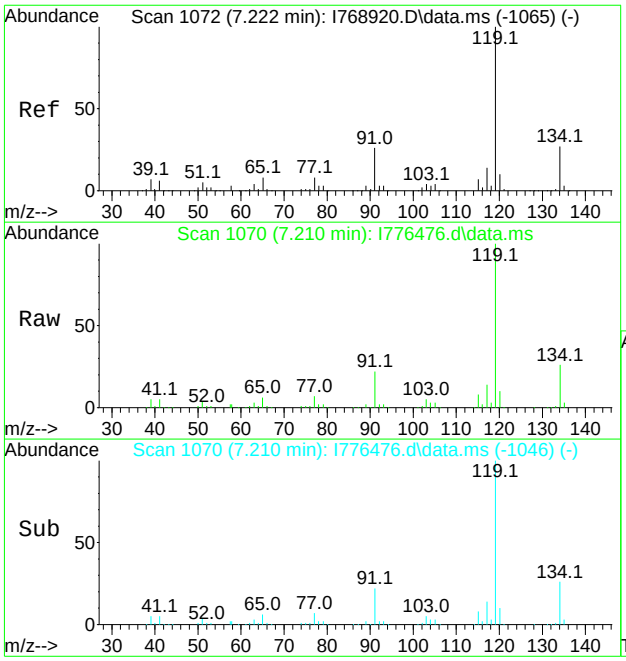


#100
sec-Butylbenzene
Concen: 23.6569 ug/L
RT: 7.094 min Scan# 1051
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:105 Resp: 137089

Ion	Ratio	Lower	Upper
105	100		
134	19.9	0.0	51.0
91	15.5	0.0	46.6
77	11.8	0.0	42.8

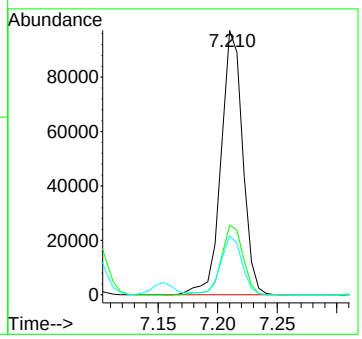


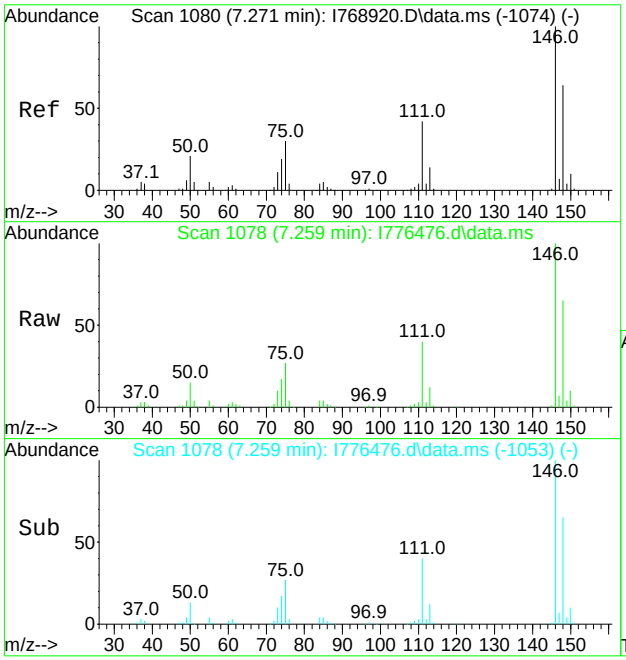


#101
4-Isopropyltoluene
Concen: 24.4388 ug/L
RT: 7.210 min Scan# 1070
Delta R.T. -0.006 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:119 Resp: 122029

Ion	Ratio	Lower	Upper
119	100		
134	26.4	0.0	56.9
91	22.3	0.0	54.0

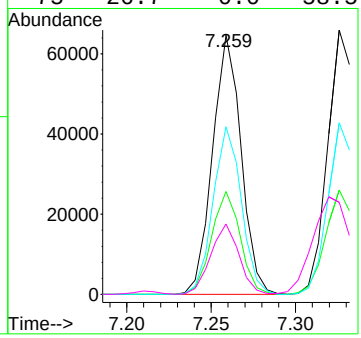


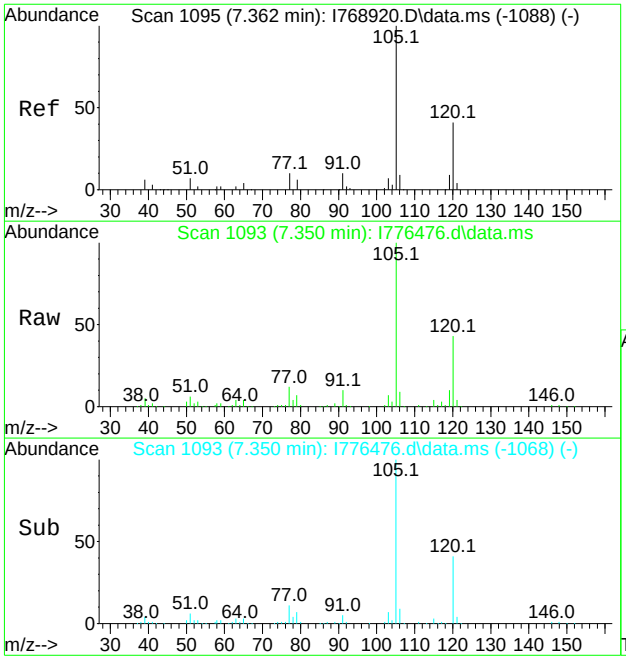


#102
1,3-Dichlorobenzene
Concen: 26.5580 ug/L
RT: 7.259 min Scan# 1078
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:146 Resp: 76246

Ion	Ratio	Lower	Upper
146	100		
111	39.7	11.2	71.2
148	64.6	35.0	95.0
75	26.7	0.0	58.5

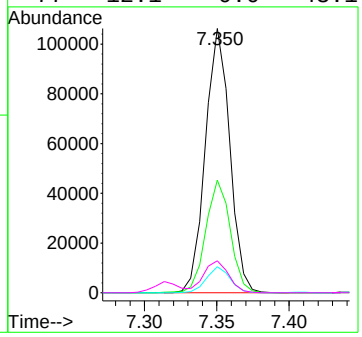


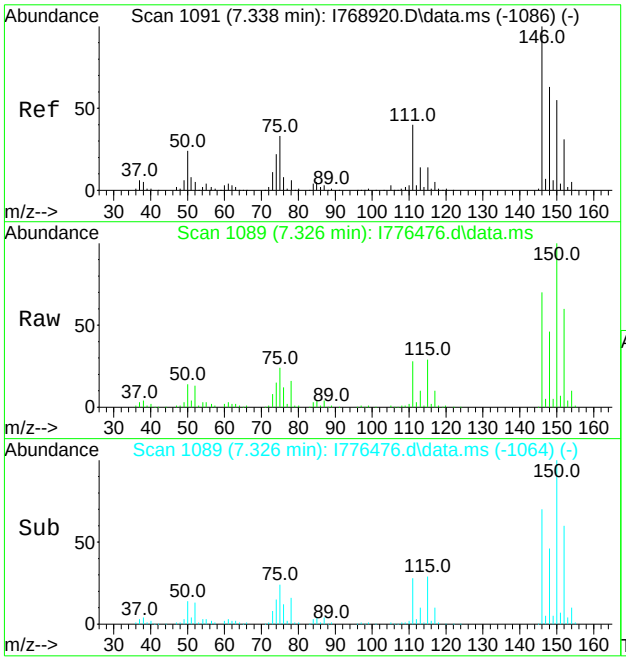


#103
1,2,3-Trimethylbenzene
Concen: 24.3430 ug/L
RT: 7.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:105 Resp: 125050

Ion	Ratio	Lower	Upper
105	100		
120	42.6	12.3	72.3
119	9.8	0.0	39.1
77	12.1	0.0	43.1

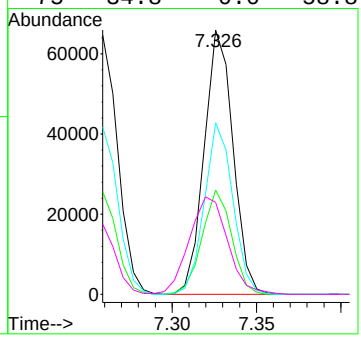


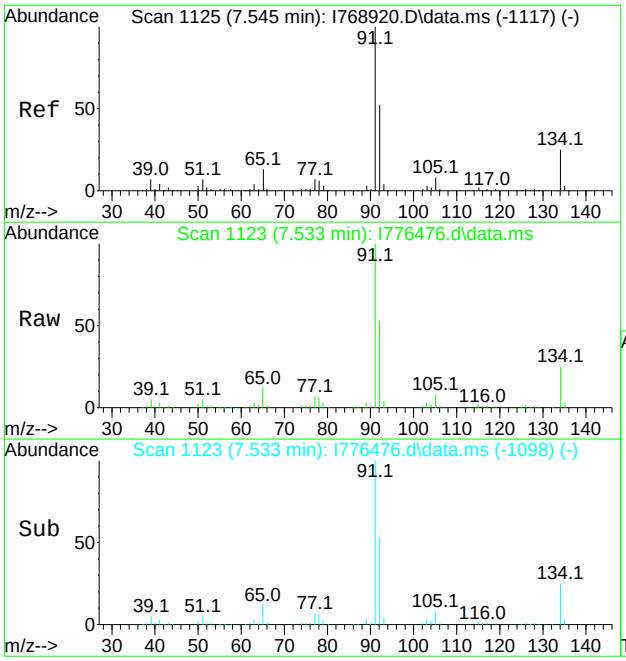


#104
1,4-Dichlorobenzene
Concen: 26.9448 ug/L
RT: 7.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:146 Resp: 78705

Ion	Ratio	Lower	Upper
146	100		
111	39.5	7.3	67.3
148	64.9	33.0	93.0
75	34.8	0.0	58.8

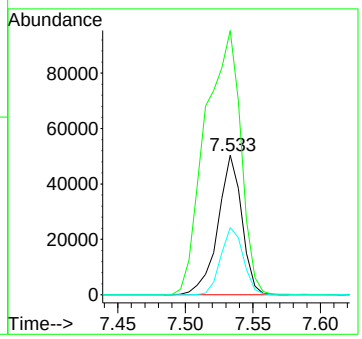


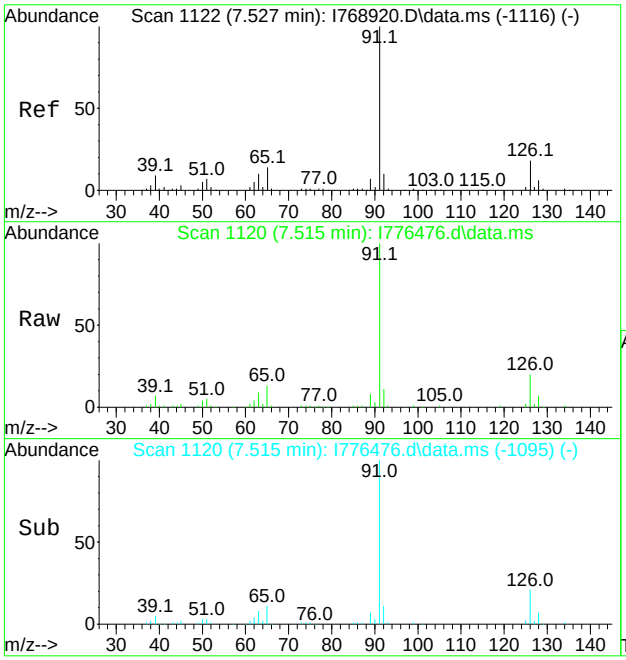


#105
n-Butylbenzene
Concen: 23.6158 ug/L
RT: 7.533 min Scan# 1123
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 92 Resp: 62177

Ion	Ratio	Lower	Upper
92	100		
91	189.4	185.8	245.8
134	48.2	17.1	77.1

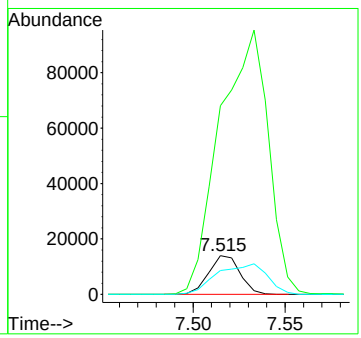


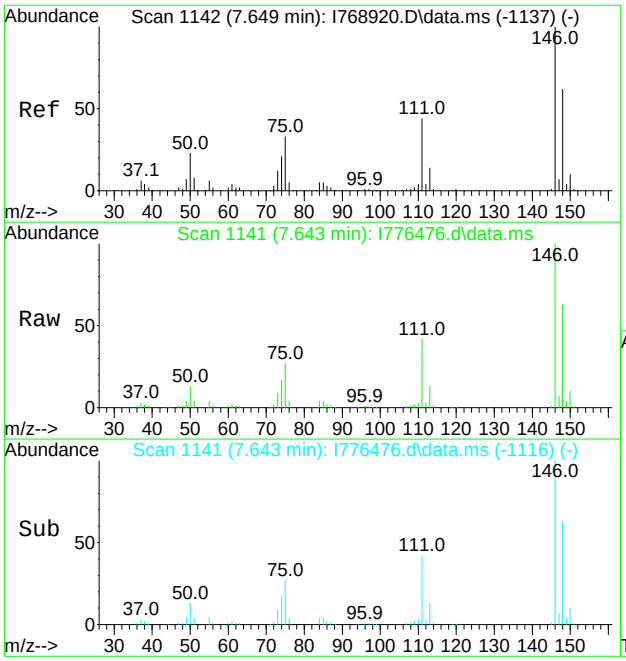


#106
Benzyl Chloride
Concen: 17.1260 ug/L
RT: 7.515 min Scan# 1120
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:126 Resp: 16533

Ion	Ratio	Lower	Upper
126	100		
91	487.9	478.6	518.6
65	61.5	36.8	76.8

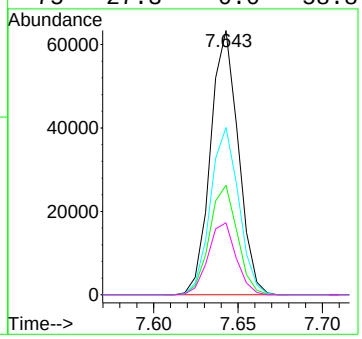


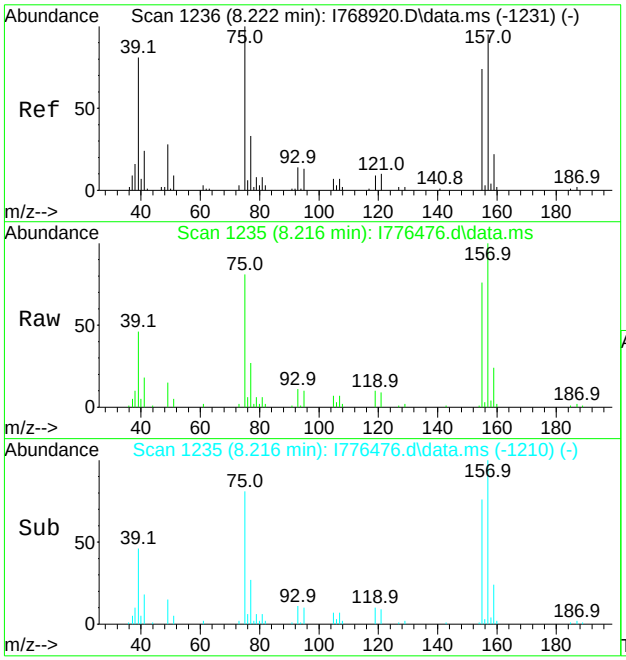


#107
1,2-Dichlorobenzene
Concen: 26.6129 ug/L
RT: 7.643 min Scan# 1141
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:146 Resp: 72835

Ion	Ratio	Lower	Upper
146	100		
111	41.5	11.5	71.5
148	63.3	33.9	93.9
75	27.3	0.0	58.8

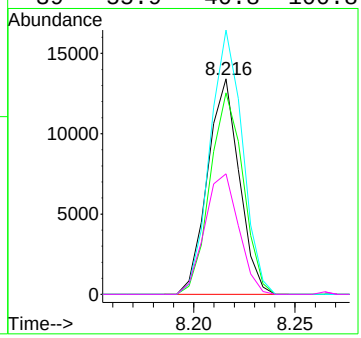


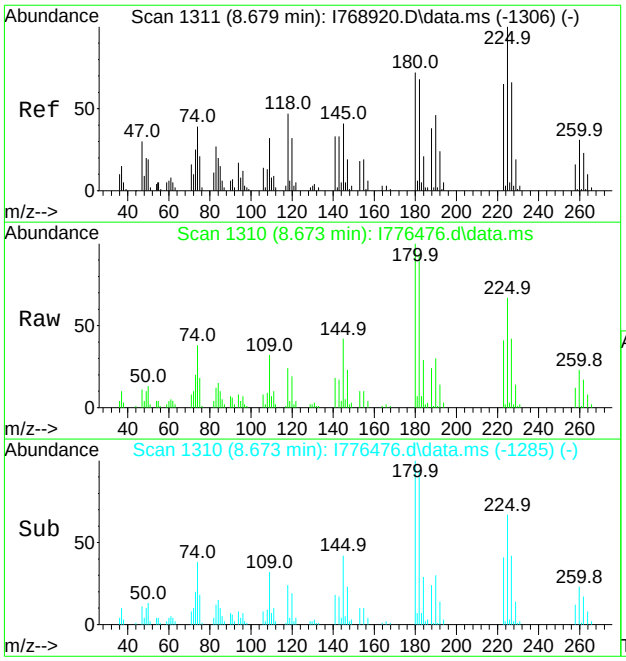


#108
1,2-Dibromo-3-Chloropropane
Concen: 22.8393 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion: 75 Resp: 14637

Ion	Ratio	Lower	Upper
75	100		
155	93.5	66.4	126.4
157	122.7	88.2	148.2
39	55.9	40.8	100.8

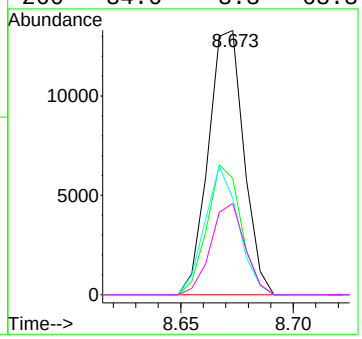


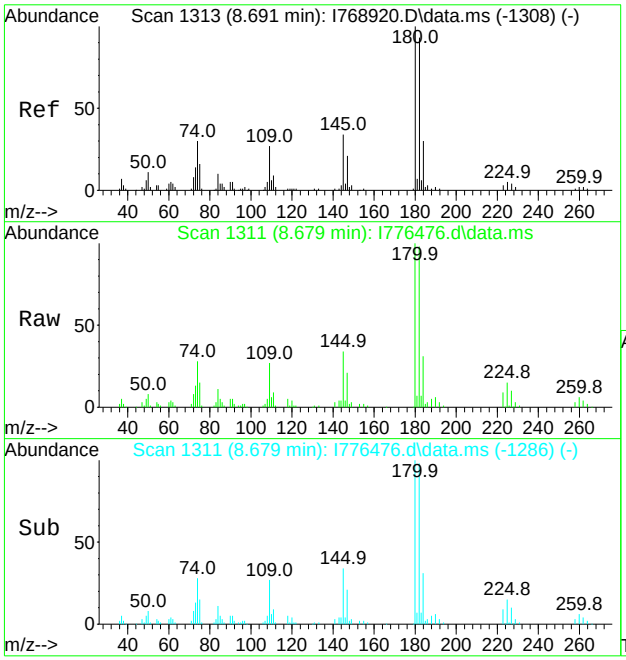


#109
Hexachlorobutadiene
Concen: 25.4508 ug/L
RT: 8.673 min Scan# 1310
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:225 Resp: 14703

Ion	Ratio	Lower	Upper
225	100		
190	44.1	19.5	79.5
118	36.5	17.0	77.0
260	34.6	3.3	63.3

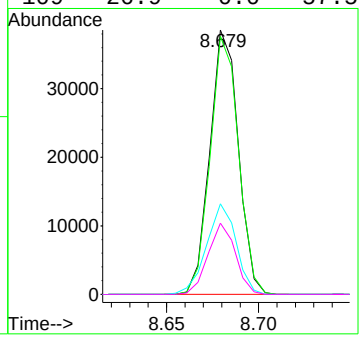


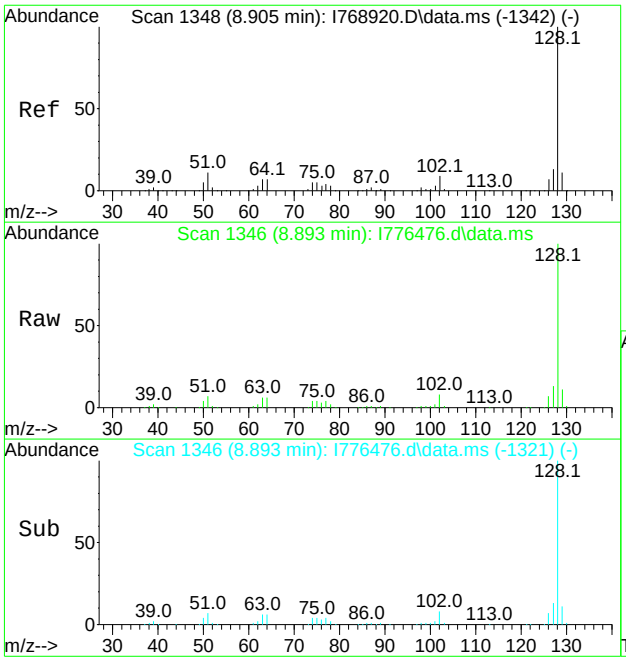


#110
1,2,4-Trichlorobenzene
Concen: 25.5006 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. 0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:180 Resp: 41474

Ion	Ratio	Lower	Upper
180	100		
182	97.6	63.7	123.7
145	34.3	2.8	62.8
109	26.9	0.0	57.5

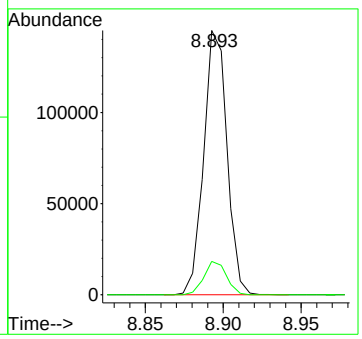


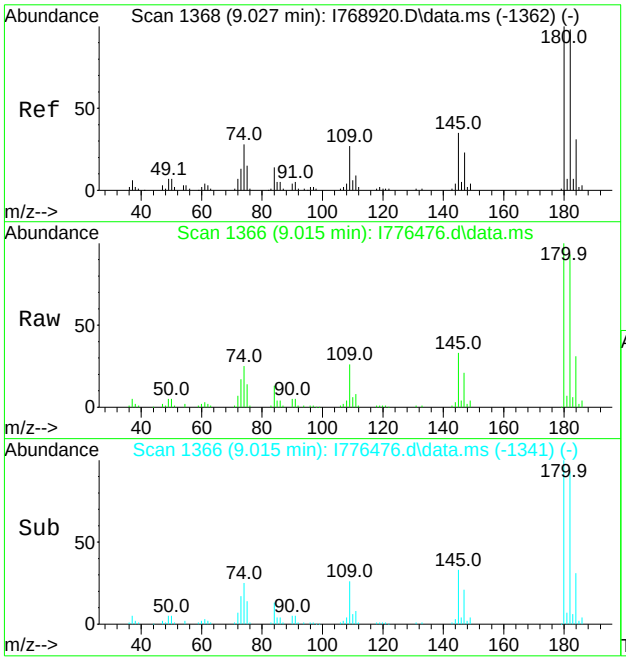


#111
Naphthalene
Concen: 25.4272 ug/L
RT: 8.893 min Scan# 1346
Delta R.T. -0.000 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:128 Resp: 150364

Ion	Ratio	Lower	Upper
128	100		
127	12.7	0.0	42.8

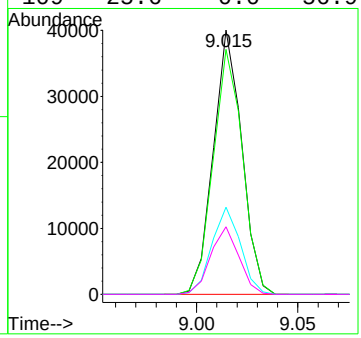




#112
1,2,3-Trichlorobenzene
Concen: 26.3959 ug/L
RT: 9.015 min Scan# 1366
Delta R.T. 0.001 min
Lab File: I776476.d
Acq: 8 Dec 2025 7:54 pm

Tgt Ion:180 Resp: 39177

Ion	Ratio	Lower	Upper
180	100		
182	92.7	68.0	128.0
145	33.0	3.8	63.8
109	25.6	0.0	56.9



Manual Integration Approval Summary

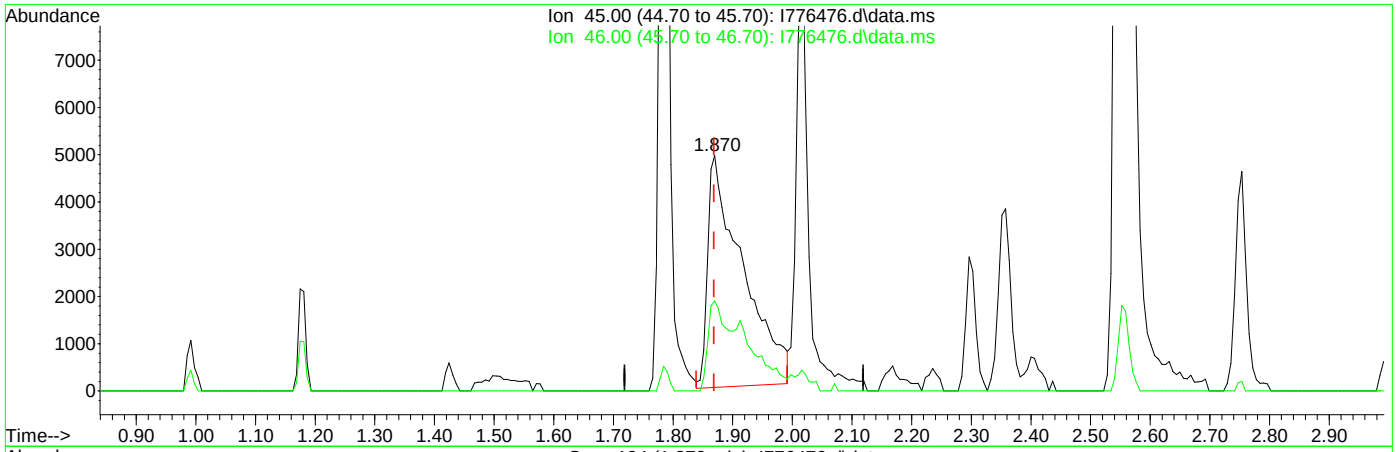
Sample Number: FC29756-8MSD
Lab FileID: I776476.D
Injection Time: 12/08/25 19:54
Method: SW846 8260D
Analyst approved: 12/09/25 00:51 Michaella Balido
Supervisor approved: 12/09/25 08:47 Karen Watson

Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.87	Split peak
Acetonitrile	75-05-8		2.49	Split peak
Carbon Tetrachloride	56-23-5		3.14	Split peak
1-Chlorohexane	544-10-5		5.57	Split peak
Ethylbenzene	100-41-4		5.61	Split peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



TIC: I776476.d\data.ms

(10) Ethanol

1.870min (+0.001) 520.28ug/L

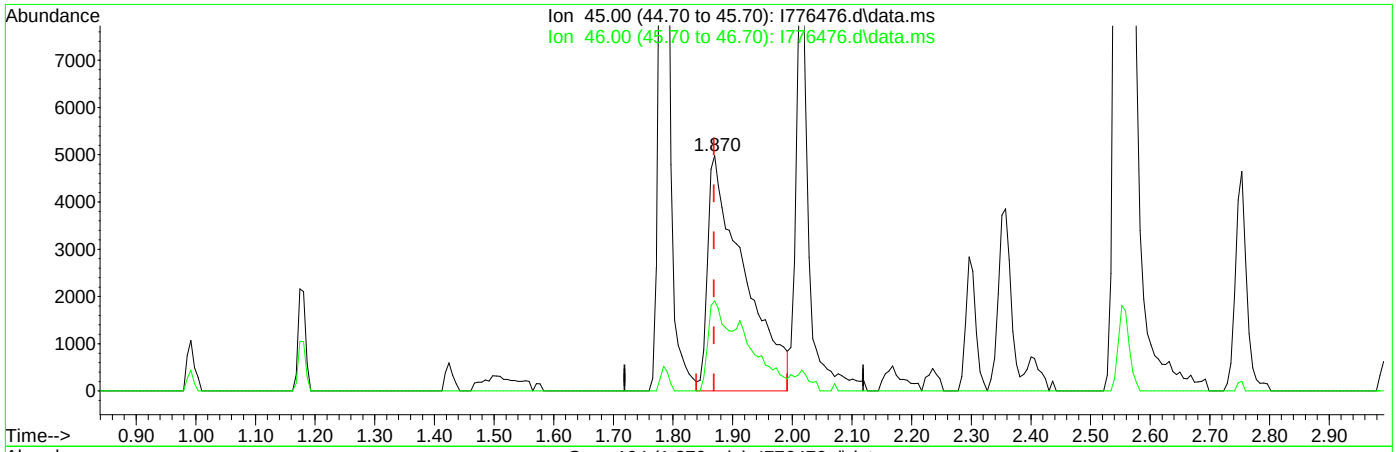
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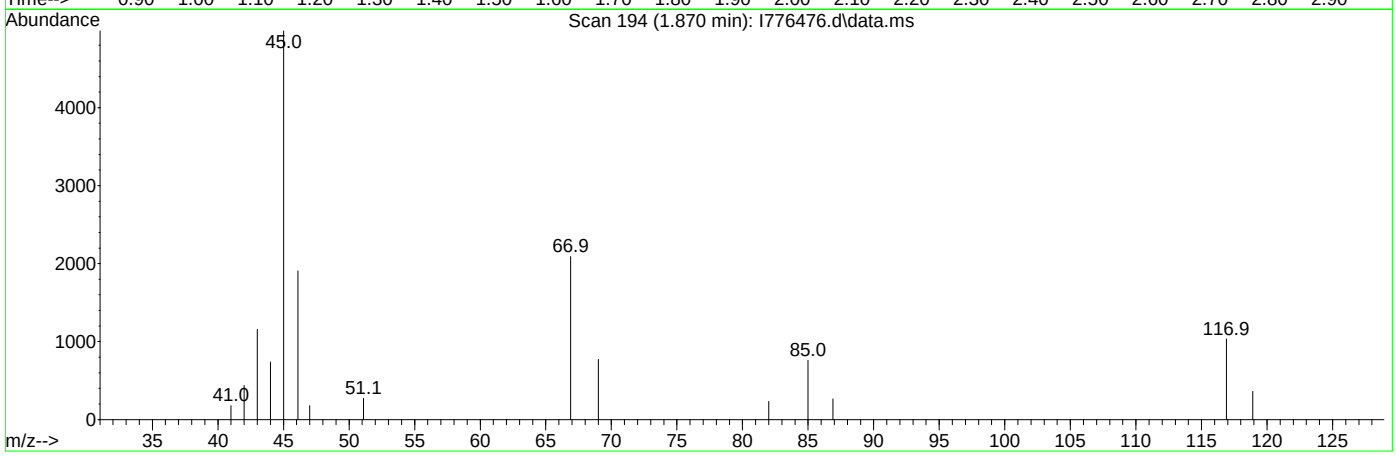
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	39.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(10) Ethanol

1.870min (+0.001) 553.01ug/L m

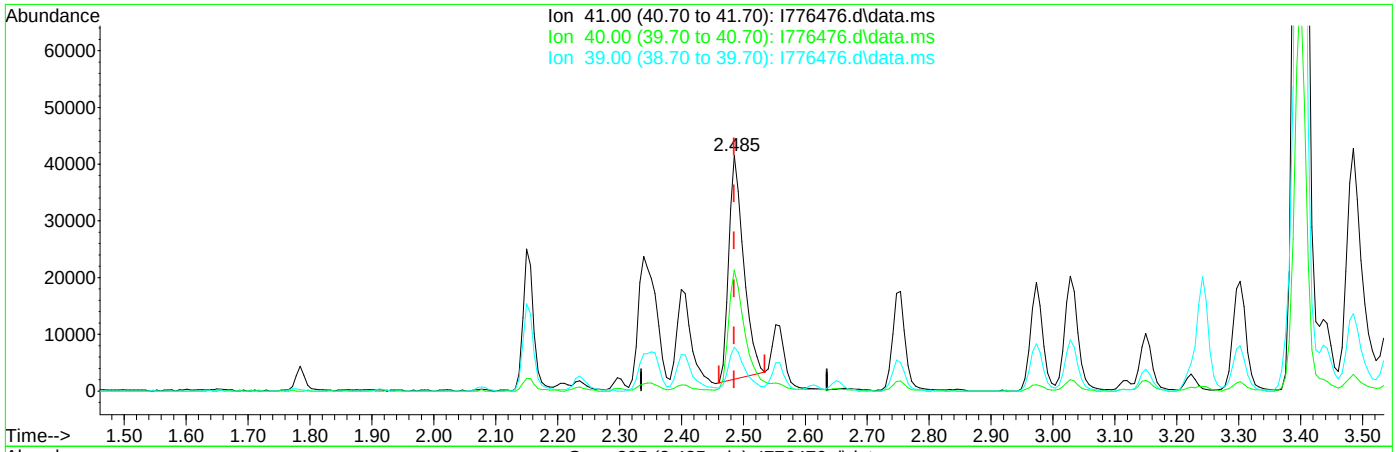
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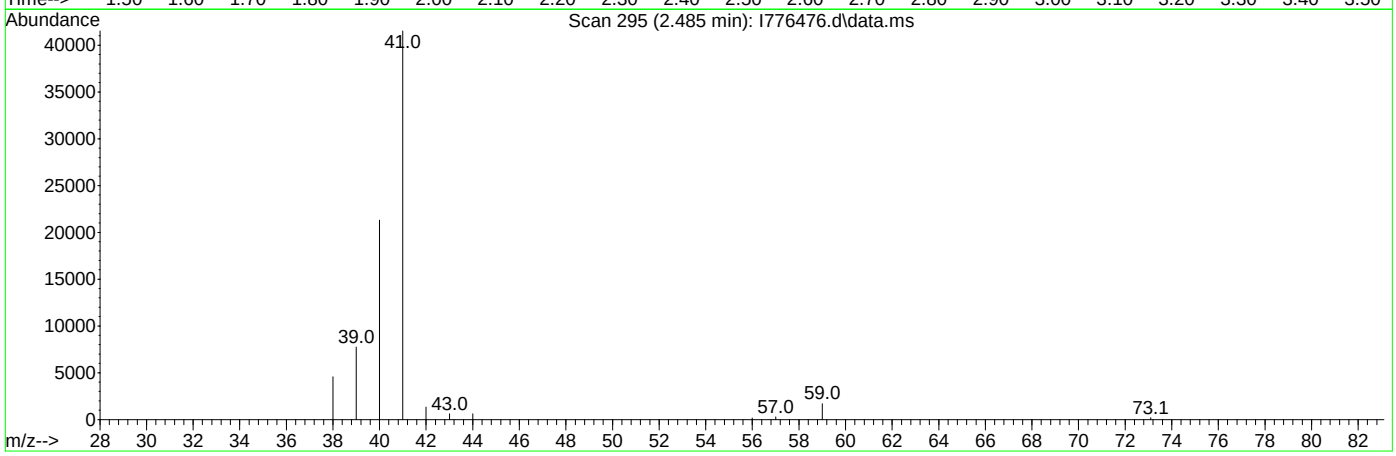
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	38.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(24) Acetonitrile

2.485min (+0.000) 226.89ug/L

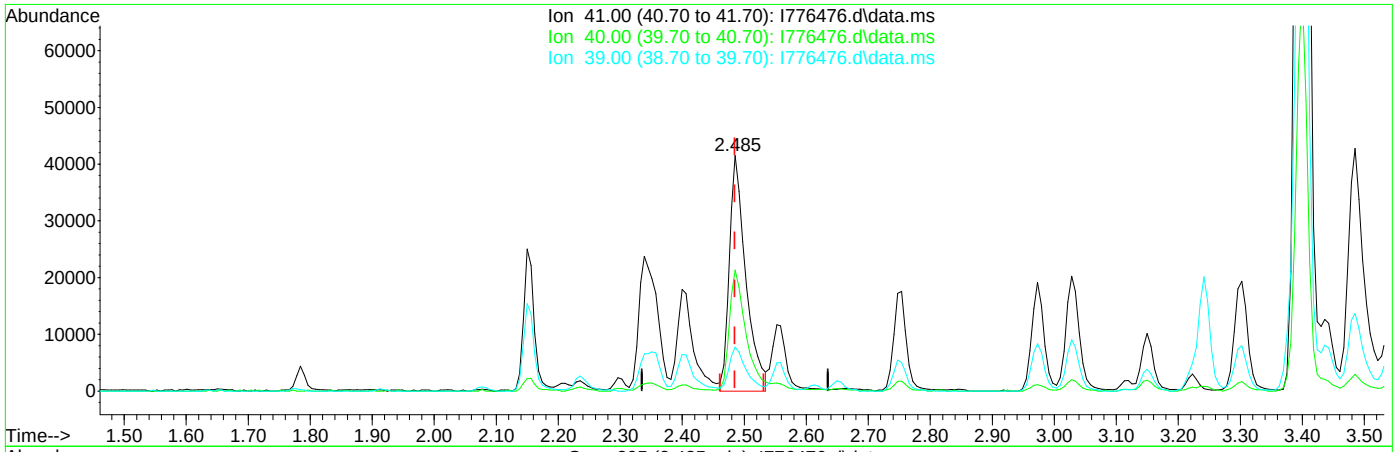
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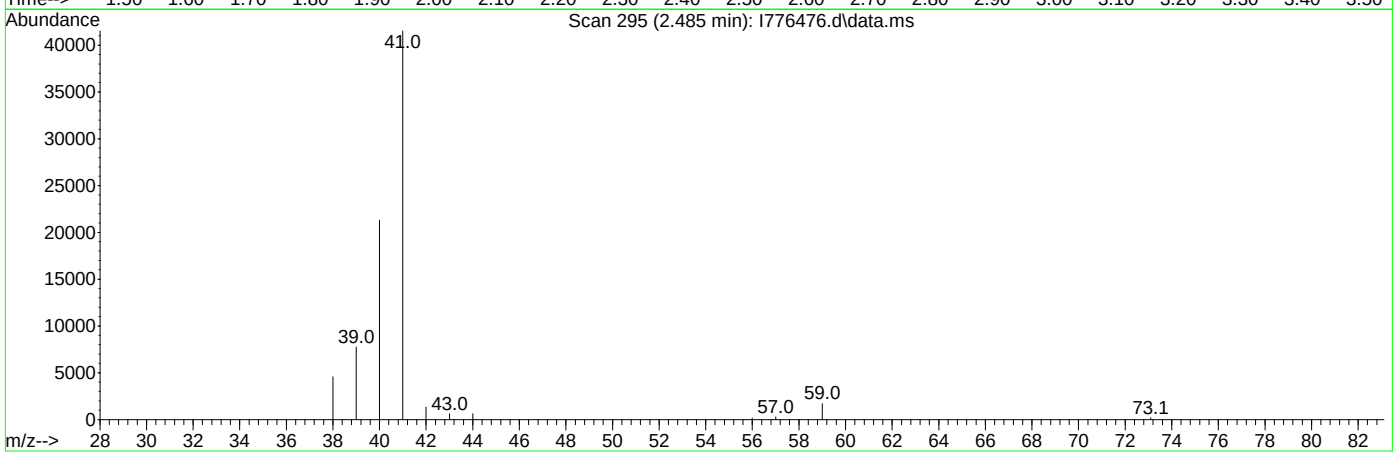
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.17
39.00	21.50	17.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(24) Acetonitrile

2.485min (+0.000) 267.59ug/L m

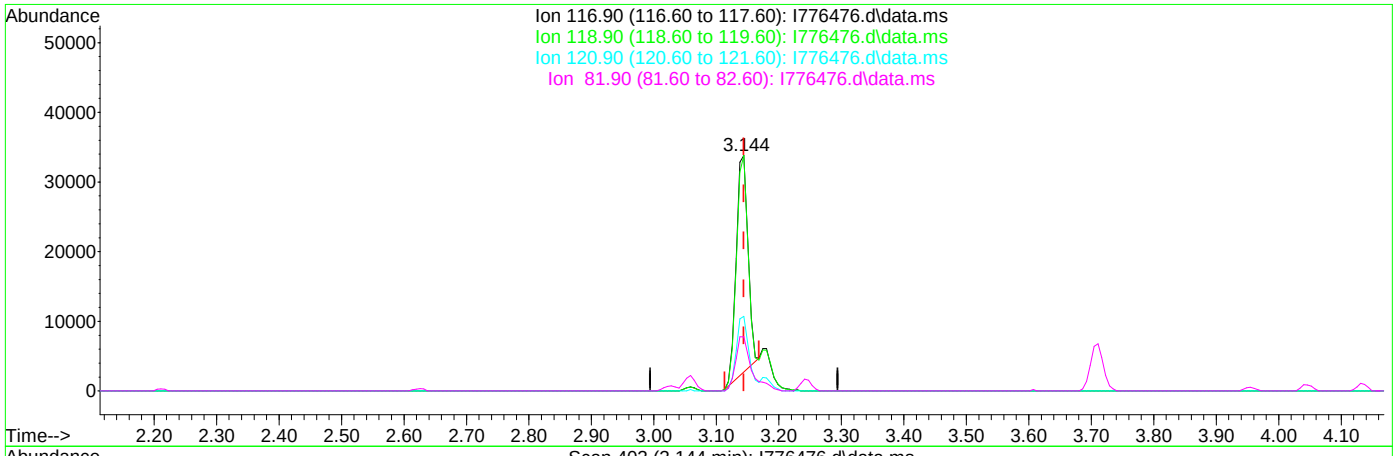
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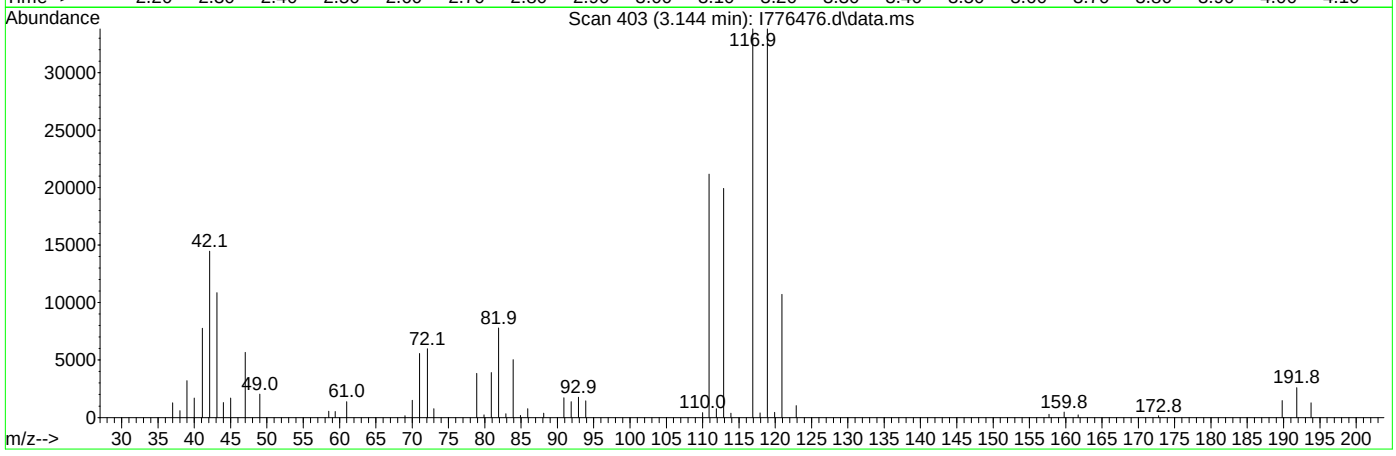
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.31
39.00	21.50	18.61
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 20.34ug/L

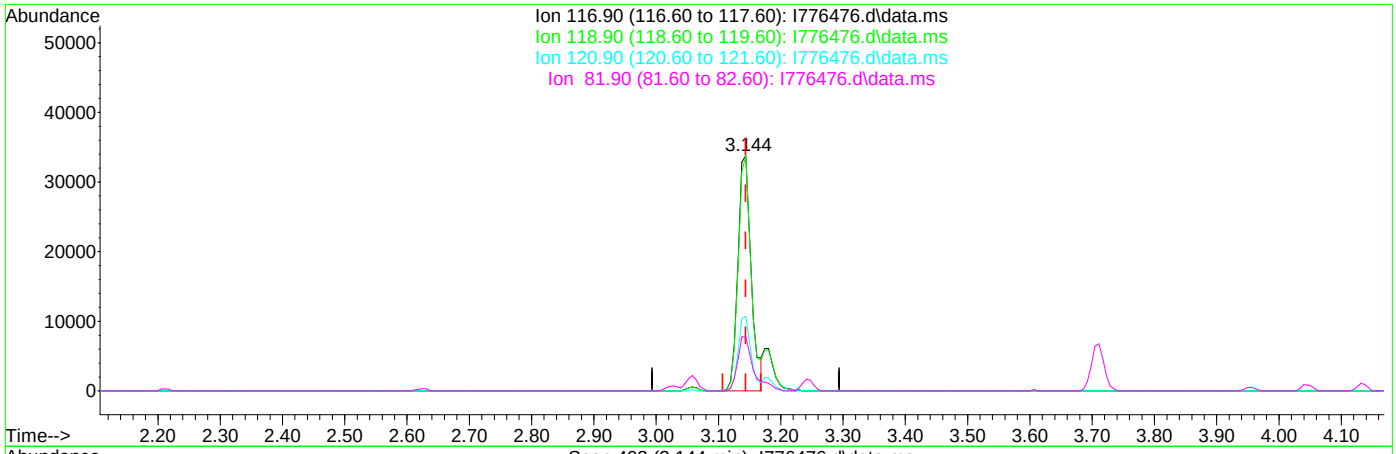
response 41758

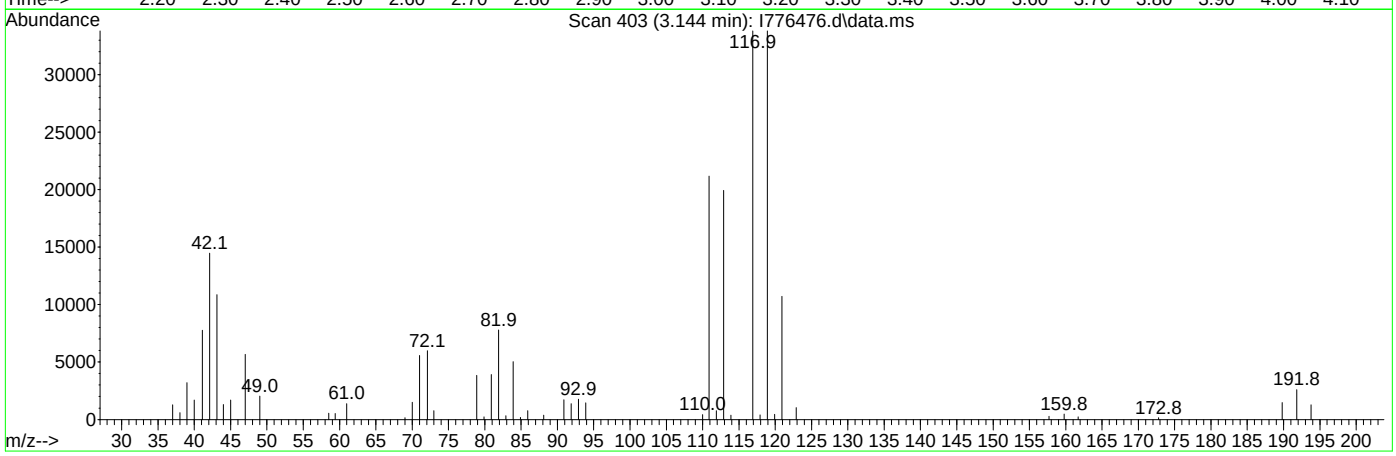
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	100.15
120.90	31.70	31.93
81.90	26.00	23.22

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 24.31ug/L m

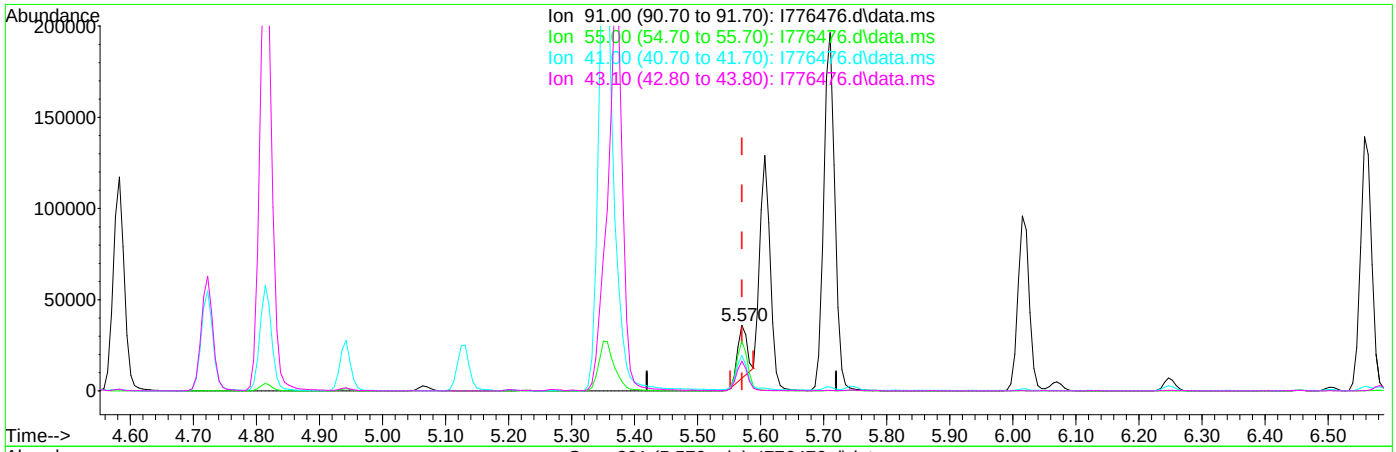
response 49907

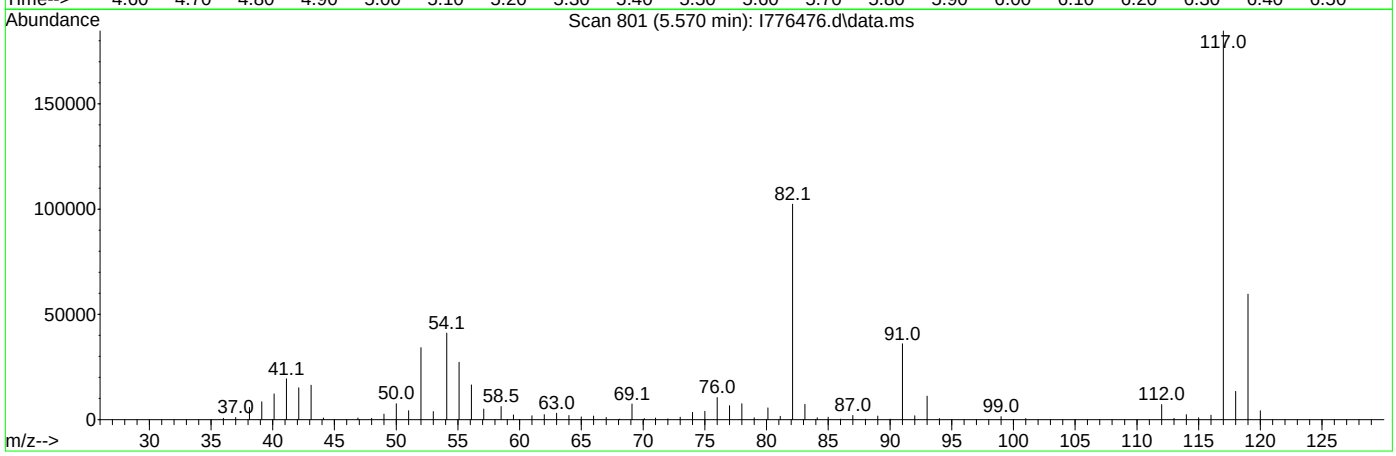
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	100.00
120.90	31.70	31.72
81.90	26.00	23.06

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 16.53ug/L

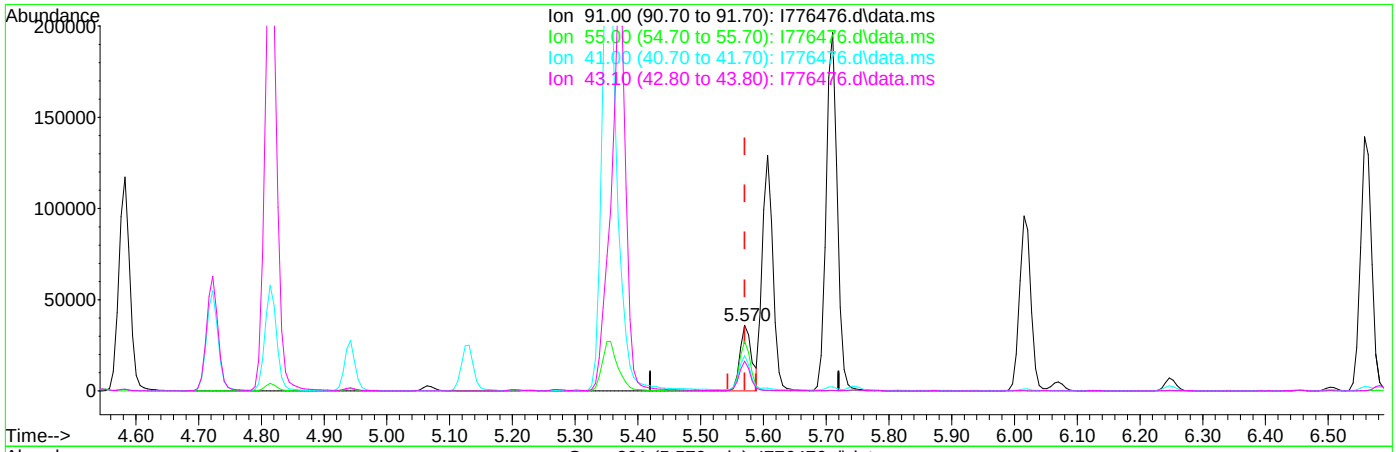
response 31683

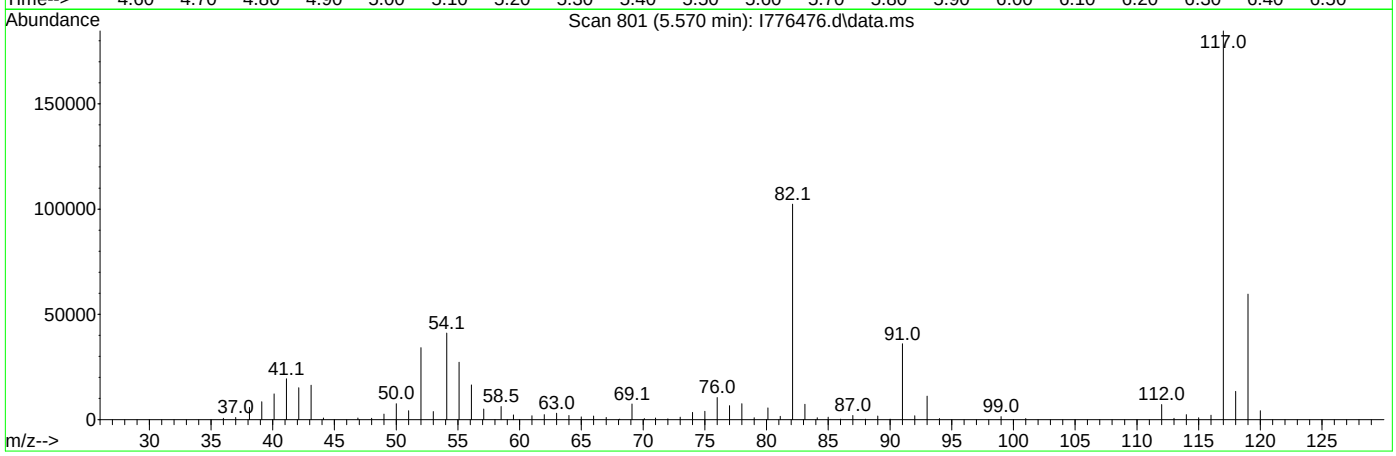
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	73.43
41.00	47.90	50.25
43.10	37.40	43.88

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 24.56ug/L m

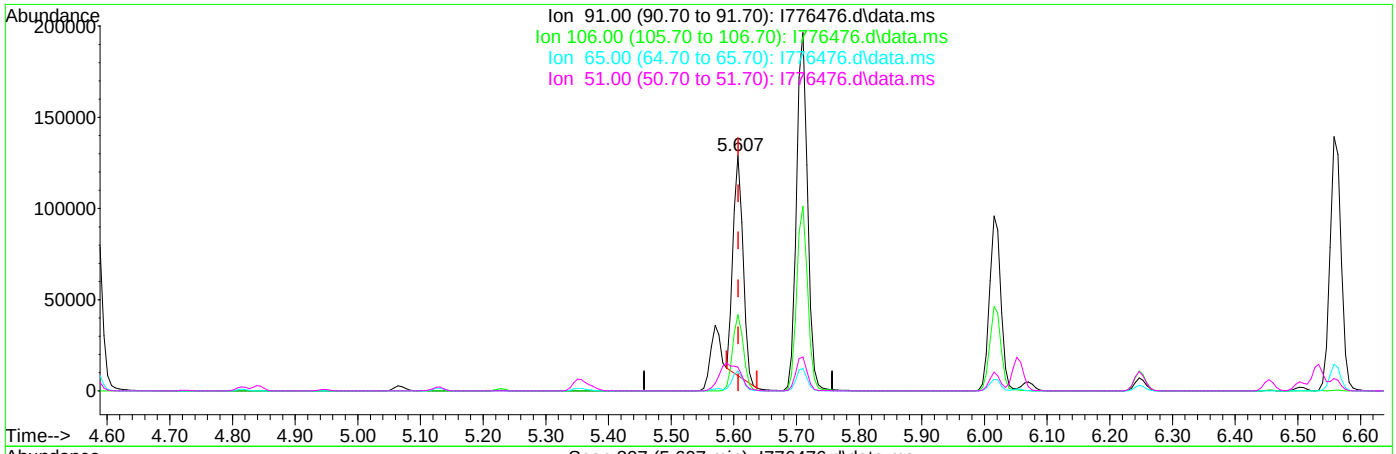
response 47087

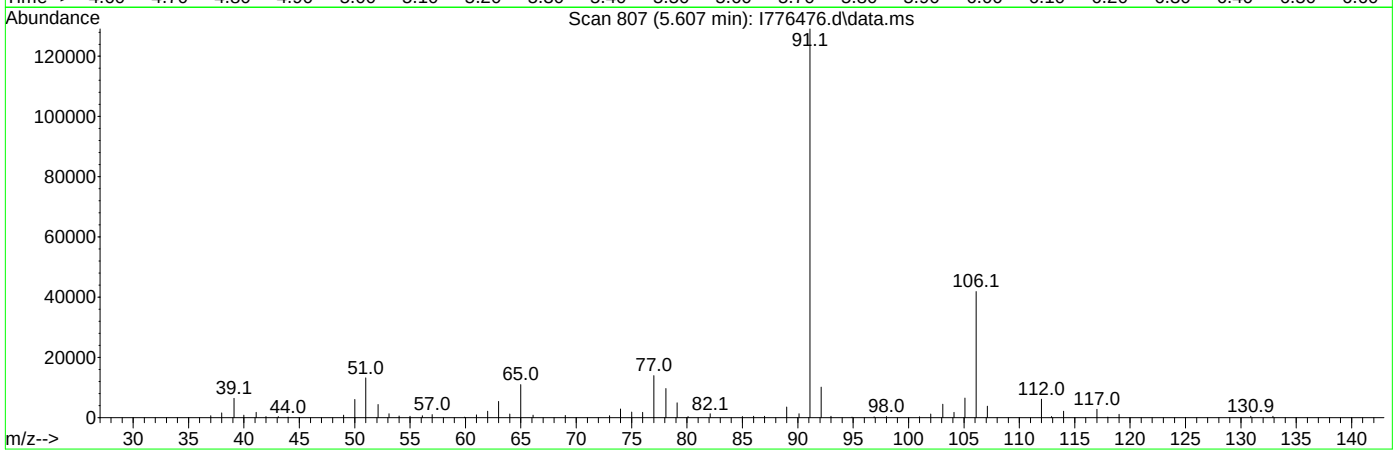
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	75.34
41.00	47.90	53.84
43.10	37.40	45.23

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(77) Ethylbenzene

5.607min (-0.000) 20.95ug/L

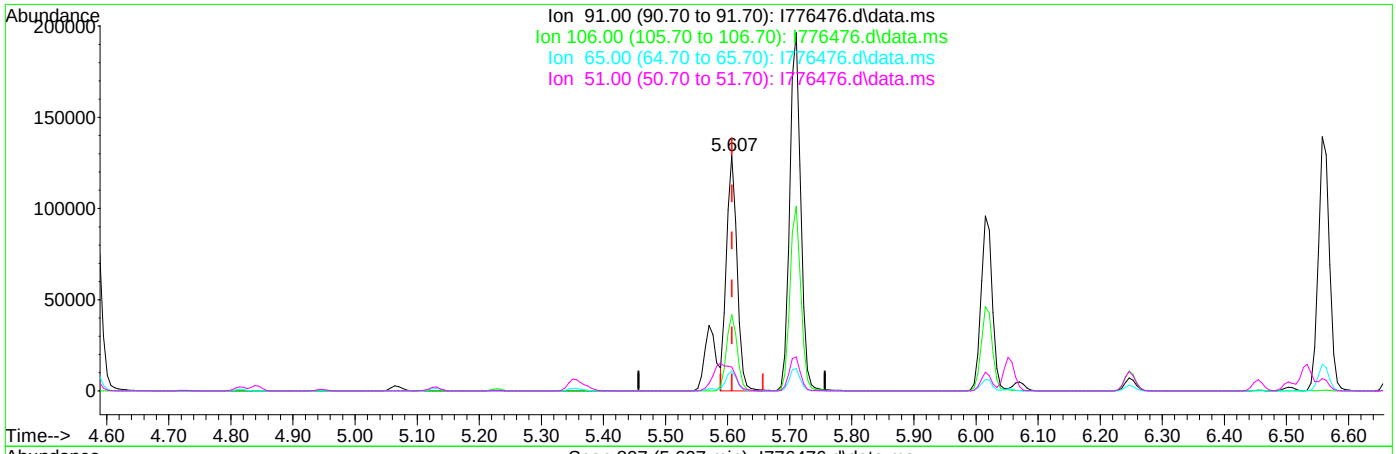
response 131522

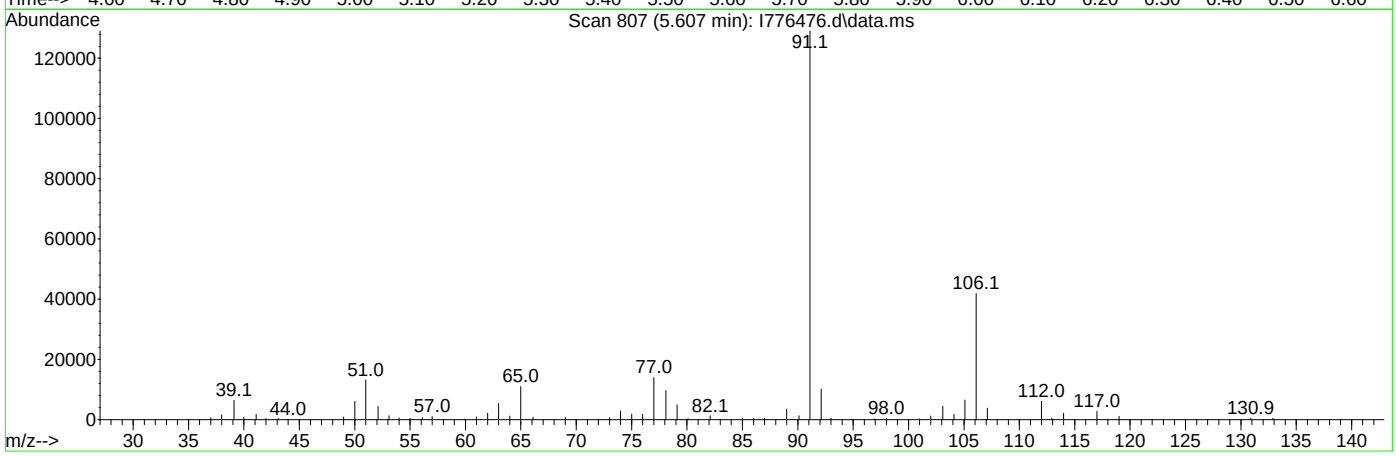
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.49
65.00	8.60	8.40
51.00	10.50	9.97

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776476.d
Acq On : 8 Dec 2025 7:54 pm
Operator : davidw
Sample : FC29756-8MSD Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 09 04:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776476.d\data.ms

(77) Ethylbenzene

5.607min (-0.000) 24.36ug/L m

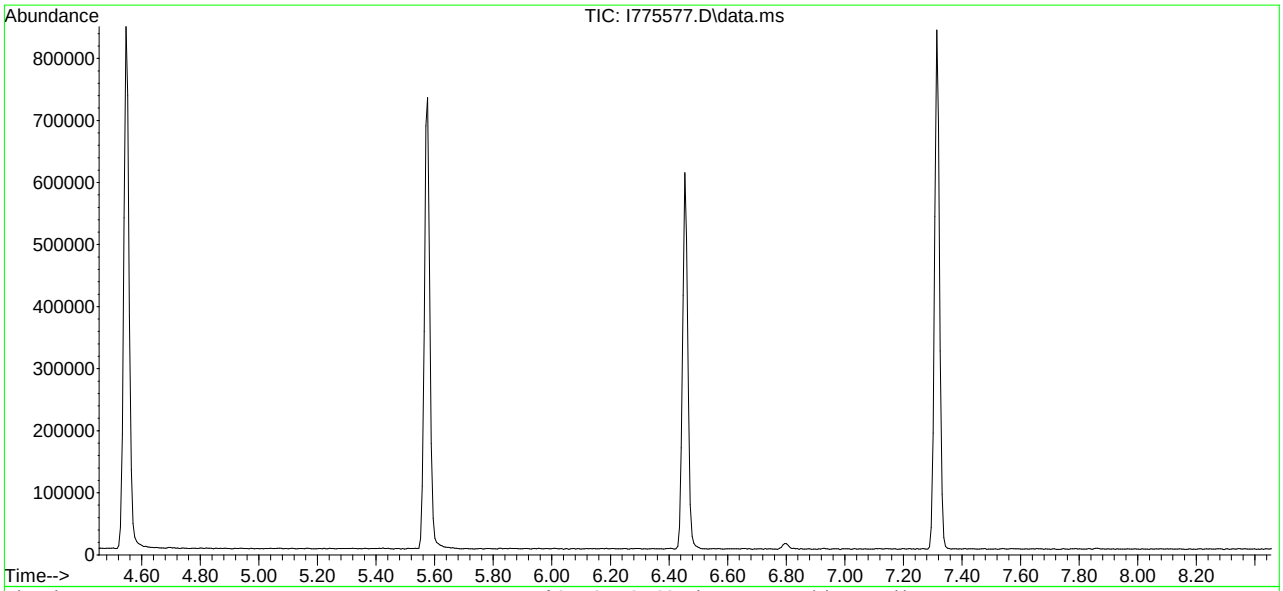
response 152871

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.42
65.00	8.60	8.49
51.00	10.50	10.21

Methods: SW-846 8260D

```
Data File : C:\msdchem\1\data\11-06-25\I775577.D          Vial: 1
Acq On    :  6 Nov 2025   9:20 am                     Operator: jeniferw
Sample    : BFB                                       Inst    : VOA16-MSI
Misc      : MS60326,VI3738,,,,,                       Multiplr: 1.00
MS Integration Params: med.p

Method    : C:\msdchem\1\met...I3738_11062025.M (RTE Integrator)
Title     : SW-846 Method 5035A/8260D
```



AutoFind: Scans 945, 946, 947; Background Corrected with Scan 938

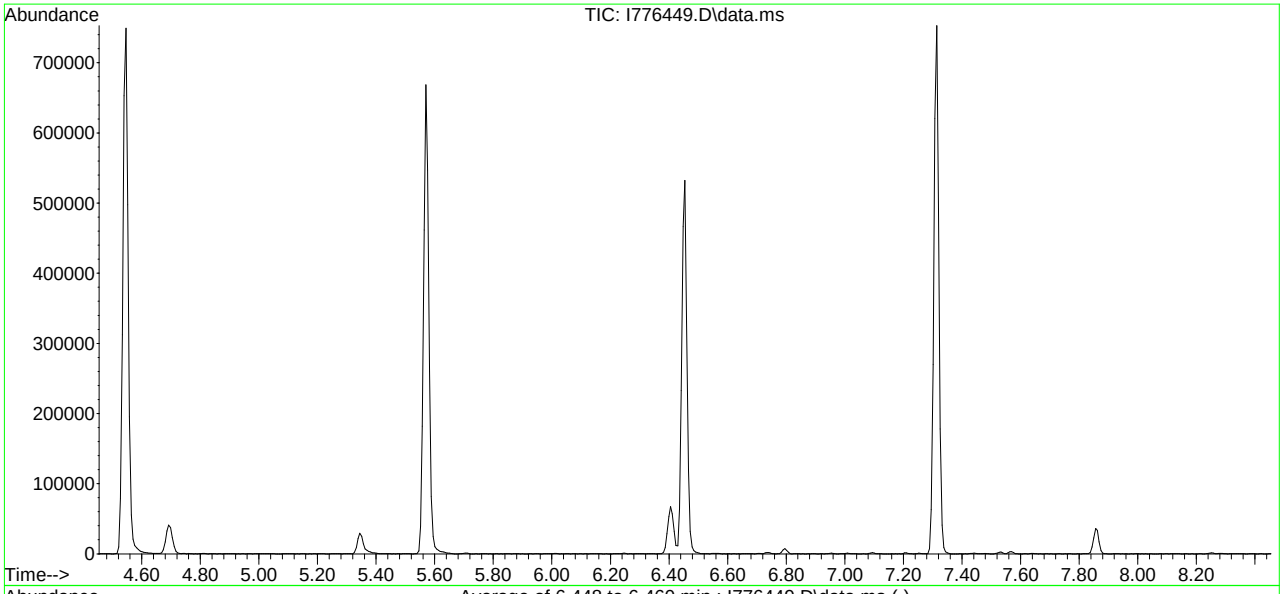
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	104968	PASS
96	95	5	9	6.7	7067	PASS
173	174	0.00	2	0.8	666	PASS
174	95	50	200	77.8	81685	PASS
175	174	5	9	7.2	5901	PASS
176	174	95	105	96.9	79152	PASS
177	176	5	10	6.8	5389	PASS

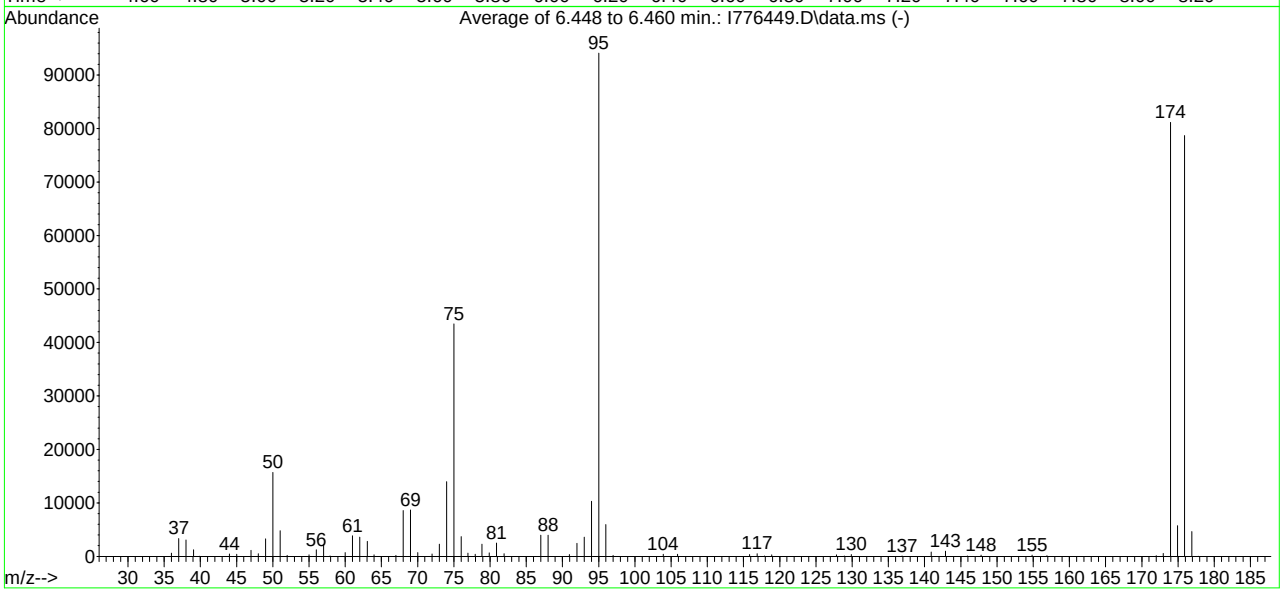
I775577.D VI3738_11062025.M Thu Nov 06 10:10:27 2025

Methods: SW-846 8260D

Data File : C:\msdchem\1\data\12-08-25\I776449.D Vial: 1
Acq On : 8 Dec 2025 10:54 am Operator: davidw
Sample : BFB Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,, Multiplr: 1.00
MS Integration Params: med.p

Method : C:\msdchem\1\met...I3738_11062025.M (RTE Integrator)
Title : SW-846 Method 5035A/8260D





AutoFind: Scans 945, 946, 947; Background Corrected with Scan 939

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
95	95	100	100	100.0	94085	PASS
96	95	5	9	6.3	5936	PASS
173	174	0.00	2	0.7	562	PASS
174	95	50	200	86.3	81157	PASS
175	174	5	9	7.0	5721	PASS
176	174	95	105	97.0	78704	PASS
177	176	5	10	5.9	4619	PASS

I776449.D VI3738_11062025.M Mon Dec 08 11:14:27 2025

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:11:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.607	96	412524	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.576	117	308407	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	159906	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	124530	48.26	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 96.52%				
49) 1,2-Dichloroethane-d4	3.449	65	143831	52.90	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.80%				
63) Toluene-d8	4.546	98	389926	49.60	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 99.20%				
86) 4-Bromofluorobenzene	6.454	174	122385	51.15	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.083	85	2335	1.15	ug/L		99
3) Chloromethane	1.205	50	2340	1.02	ug/L		96
4) 1,3-butadiene	1.266	39	2522	1.95	ug/L		93
5) Vinyl Chloride	1.260	62	2062	0.96	ug/L		97
6) Bromomethane	1.449	94	1343	1.85	ug/L		91
7) Chloroethane	1.516	64	769	1.55	ug/L		76
8) Trichlorofluoromethane	1.601	101	2868	1.27	ug/L		77
9) Ethyl Ether	1.784	59	1422	0.85	ug/L		97
11) 1,2-Dichlorotrifluoroe...	1.888	67	1401	0.96	ug/L		87
12) 1,1-Dichloroethene	1.894	61	2610	1.08	ug/L		94
13) Freon 113	1.912	101	1501	1.14	ug/L		95
14) Carbon Disulfide	1.912	76	5276	1.22	ug/L		99
15) Iodomethane	1.973	142	1481	2.74	ug/L		94
16) Acrolein	2.077	56	1849	3.29	ug/L		91
17) Allyl chloride	2.150	41	2871	1.33	ug/L	#	84
18) Methylene Chloride	2.205	49	3470	1.34	ug/L		92
19) Acetone	2.229	43	4622	4.56	ug/L		98
20) Methyl acetate	2.296	43	11120	3.82	ug/L		97
21) trans-1,2-Dichloroethene	2.296	61	2751	1.15	ug/L		97
22) Hexane	2.333	56	1398	1.00	ug/L	#	83
23) Methyl Tert Butyl Ether	2.351	73	5019	1.09	ug/L		87
24) Acetonitrile	2.479	41	4052	9.84	ug/L		94
25) Tert Butyl Alcohol	2.400	59	6310	10.67	ug/L		93
26) Di-isopropyl ether	2.552	45	5458	0.84	ug/L		95
27) Chloroprene	2.650	53	4730	0.69	ug/L		93
28) 1,1-Dichloroethane	2.619	63	3547	1.15	ug/L		97
29) Acrylonitrile	2.650	52	3620	3.45	ug/L		98
30) ETBE	2.747	59	5188	0.90	ug/L		97
31) Vinyl acetate	2.747	43	21737	4.22	ug/L		97
32) cis-1,2-Dichloroethene	2.912	96	2047	1.26	ug/L		93
33) 2,2-Dichloropropane	2.973	77	3422	1.62	ug/L		95
34) Bromochloromethane	3.022	128	942	1.06	ug/L		87
35) Cyclohexane	3.028	56	2514	0.84	ug/L		87
36) Chloroform	3.052	83	3466	1.24	ug/L		96
37) Ethyl acetate	3.113	43	15051	4.13	ug/L		98
40) Carbon Tetrachloride	3.138	117	2556m	1.18	ug/L		
41) 1,1,1-Trichloroethane	3.174	97	3631	1.54	ug/L		96
42) 2-Butanone	3.223	43	7706	3.86	ug/L		99
43) 1,1-Dichloropropene	3.241	75	2161	1.18	ug/L		96
44) tert-Butyl formate	3.296	59	9552	5.48	ug/L		97
45) Propionitrile	3.388	54	5160	9.20	ug/L		98
46) Methacrylonitrile	3.400	41	15219	8.28	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:11:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Benzene	3.381	78	7228	1.23	ug/L		80
48) TAME	3.436	73	5552	1.23	ug/L		98
50) 1,2-Dichloroethane	3.491	62	2376	0.98	ug/L		93
51) Isobutyl Alcohol	3.436	43	1488	20.28	ug/L		79
52) Tert Amyl Alcohol	3.540	59	5352	10.30	ug/L		86
53) Trichloroethene	3.705	95	2129	1.27	ug/L		85
54) Methylcyclohexane	3.711	83	2182	1.05	ug/L		96
55) Dibromomethane	3.948	93	1217	1.03	ug/L		92
56) 1,2-Dichloropropane	4.009	63	1823	1.02	ug/L		86
57) Bromodichloromethane	4.046	83	2841	1.33	ug/L		94
58) Methyl methacrylate	4.131	41	2294	1.04	ug/L	#	77
60) 2-Chloroethyl vinyl ether	4.387	63	5638	4.17	ug/L		96
61) cis-1,3-Dichloropropene	4.430	75	2829	1.14	ug/L		99
64) Toluene	4.582	91	7365	1.17	ug/L		98
65) 2-Nitropropane	4.717	41	4550	5.96	ug/L		96
66) 4-Methyl-2-pentanone	4.814	43	12598	3.90	ug/L		98
67) trans-1,3-Dichloropropene	4.839	75	2695	1.15	ug/L		95
68) Tetrachloroethene	4.826	166	1839	1.08	ug/L		91
69) Ethyl methacrylate	4.942	69	2540	1.37	ug/L		90
70) 1,1,2-Trichloroethane	4.942	83	1252	0.99	ug/L		89
71) Dibromochloromethane	5.064	129	1810	1.00	ug/L		96
72) 1,3-Dichloropropane	5.131	76	2468	0.97	ug/L		88
73) 1,2-Dibromoethane	5.229	107	1725	0.99	ug/L		96
74) 3,3-Dimethyl-1-Butanol	5.351	57	25036	41.25	ug/L		98
75) 2-hexanone	5.369	43	14273	4.03	ug/L		88
76) 1-Chlorohexane	5.576	91	3611m	1.77	ug/L		
77) Ethylbenzene	5.607	91	8114m	1.21	ug/L		
78) Chlorobenzene	5.588	112	5077	1.20	ug/L		86
79) 1,1,1,2-Tetrachloroethane	5.631	131	1744	1.12	ug/L		83
80) m,p-Xylene	5.710	91	12470	2.44	ug/L		95
81) o-Xylene	6.015	91	6392	1.25	ug/L		99
82) Styrene	6.052	104	4872	1.24	ug/L		95
83) Bromoform	6.070	173	1268	0.97	ug/L		94
84) Isopropylbenzene	6.247	105	7988	1.33	ug/L		96
87) cis-1,4-Dichloro-2-butene	6.503	53	1511	1.71	ug/L	#	80
88) n-Propylbenzene	6.558	91	9364	1.35	ug/L		100
89) Bromobenzene	6.533	156	1931	1.15	ug/L		92
90) 1,1,2,2-Tetrachloroethane	6.606	83	3278	1.45	ug/L		97
91) 1,3,5-Trimethylbenzene	6.710	105	6497	1.41	ug/L		98
92) 2-Chlorotoluene	6.674	91	5048	1.33	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.747	53	831	1.13	ug/L	#	76
94) 1,2,3-Trichloropropane	6.710	110	798m	1.08	ug/L		
96) 4-Chlorotoluene	6.802	91	5700	1.32	ug/L		94
97) tert-Butylbenzene	6.960	91	3572	1.43	ug/L		94
98) 1,2,4-Trimethylbenzene	7.015	105	6337	1.37	ug/L		92
99) Pentachloroethane	6.966	167	1270	1.39	ug/L	#	62
100) sec-Butylbenzene	7.100	105	7808	1.46	ug/L		96
101) 4-Isopropyltoluene	7.210	119	6712	1.44	ug/L		97
102) 1,3-Dichlorobenzene	7.259	146	3597	1.19	ug/L		95
103) 1,2,3-Trimethylbenzene	7.350	105	6504	1.31	ug/L		96
104) 1,4-Dichlorobenzene	7.326	146	3566m	1.12	ug/L		
105) n-Butylbenzene	7.533	92	3473	1.42	ug/L		89
107) 1,2-Dichlorobenzene	7.643	146	3251	1.09	ug/L		88
109) Hexachlorobutadiene	8.673	225	758	1.23	ug/L		96
110) 1,2,4-Trichlorobenzene	8.679	180	1999	1.20	ug/L		96
111) Naphthalene	8.893	128	6720	1.14	ug/L		98
112) 1,2,3-Trichlorobenzene	9.015	180	1803	1.15	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:11:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

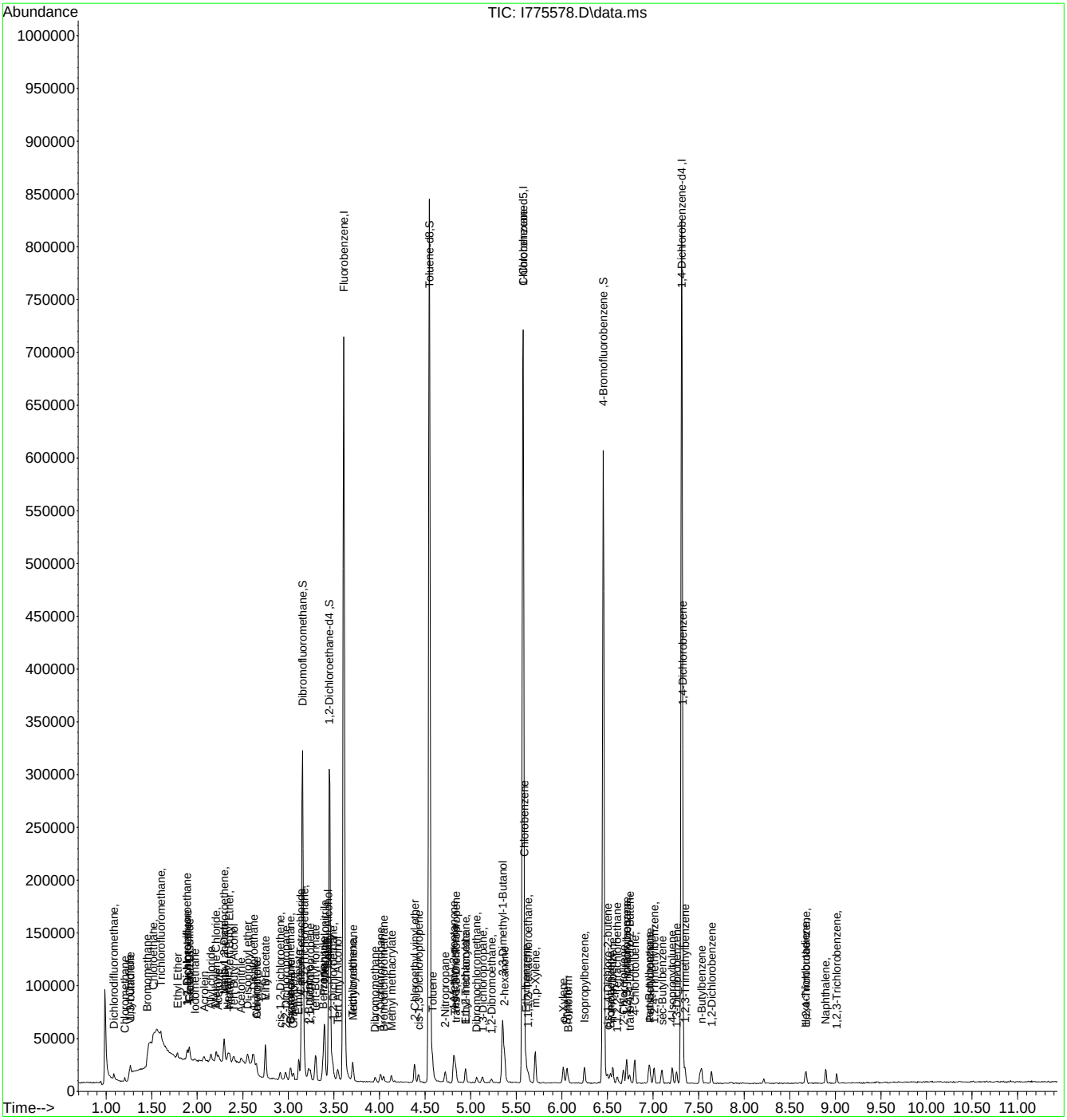
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:11:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration



Manual Integration Approval Summary

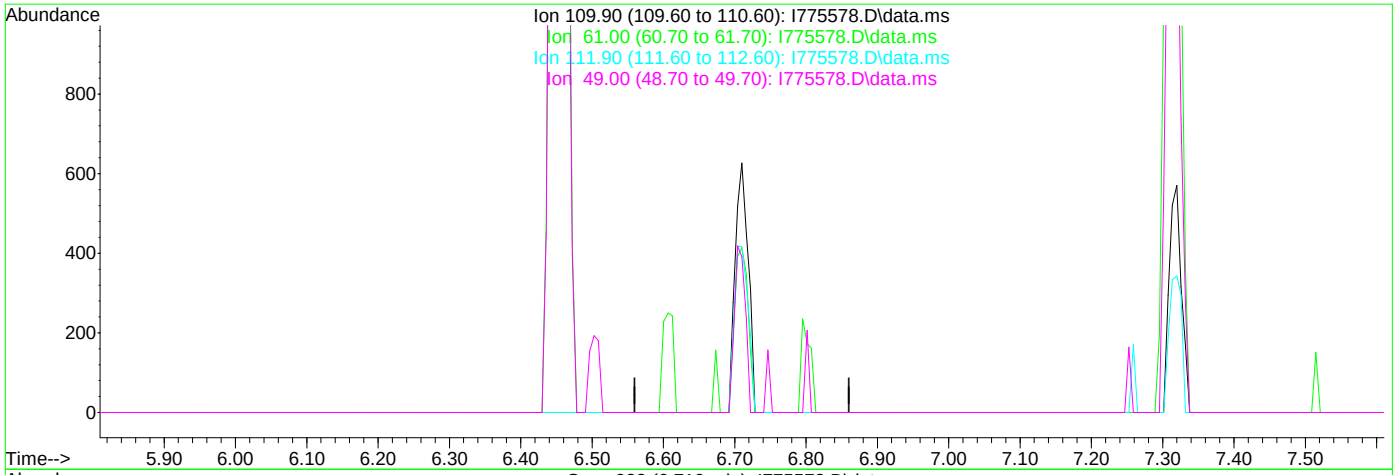
Sample Number: VI3738-IC3738
Lab FileID: I775578.D
Injection Time: 11/06/25 09:40
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

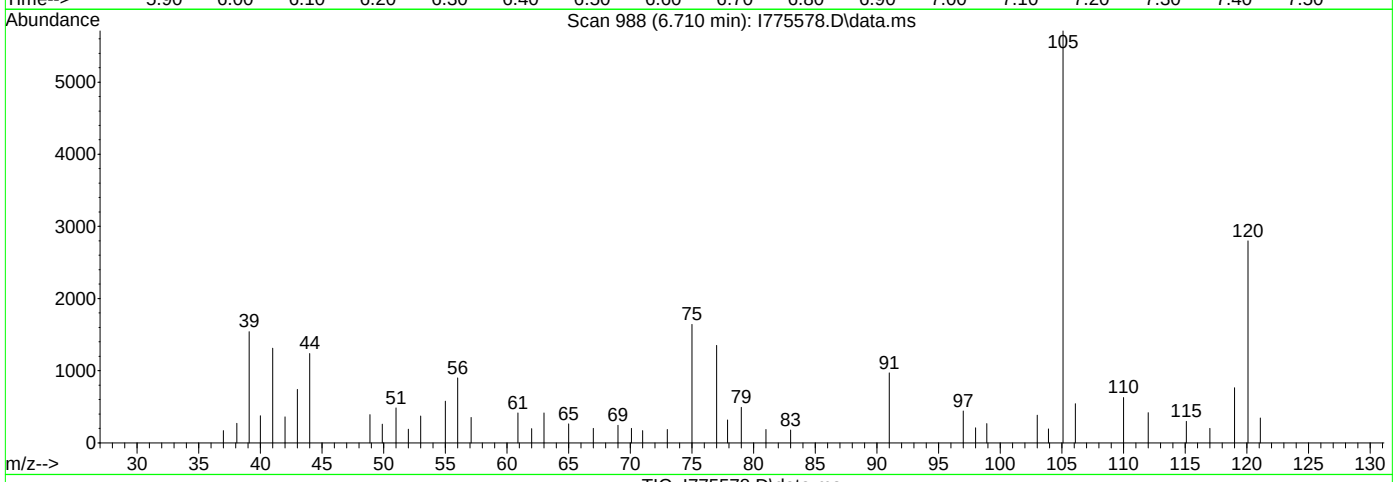
Parameter	CAS	Sig#	R.T. (min.)	Reason
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.58	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,2,3-Trichloropropane	96-18-4		6.71	Missed peak
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.710min (-6.710) 0.00ug/L

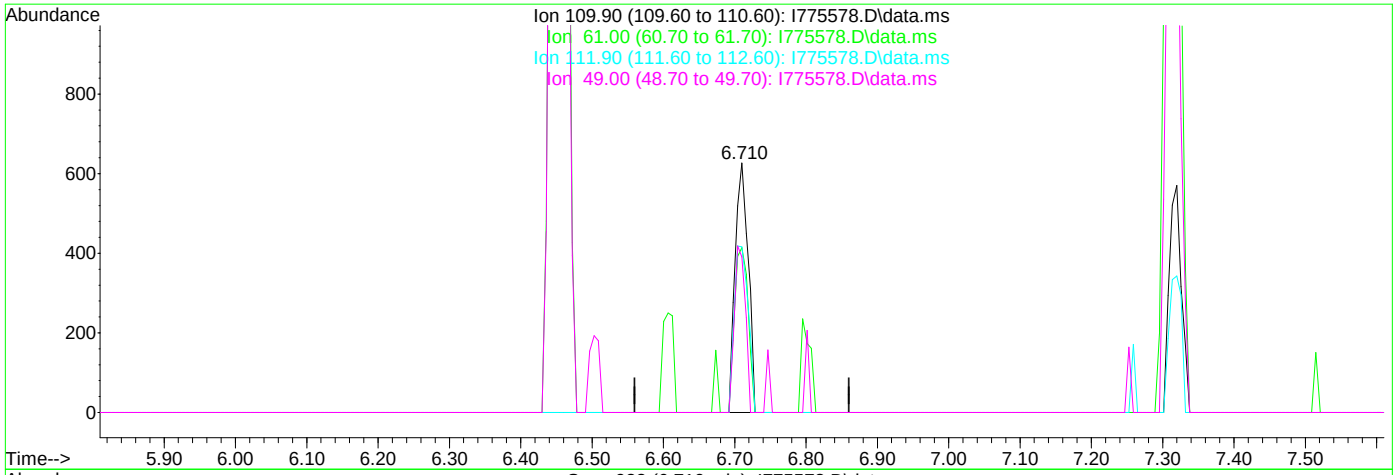
response 0

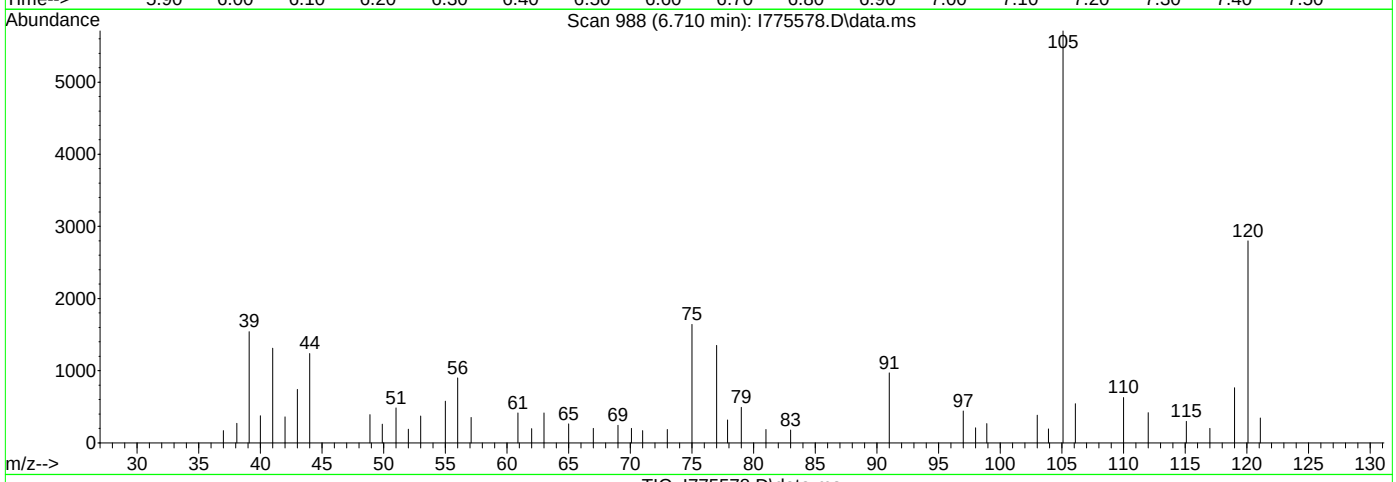
Ion	Exp%	Act%
109.90	100	0.00
61.00	66.40	0.00#
111.90	62.90	0.00#
49.00	53.20	0.00#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(94) 1,2,3-Trichloropropane ( )

6.710min (+0.000) 1.08ug/L m

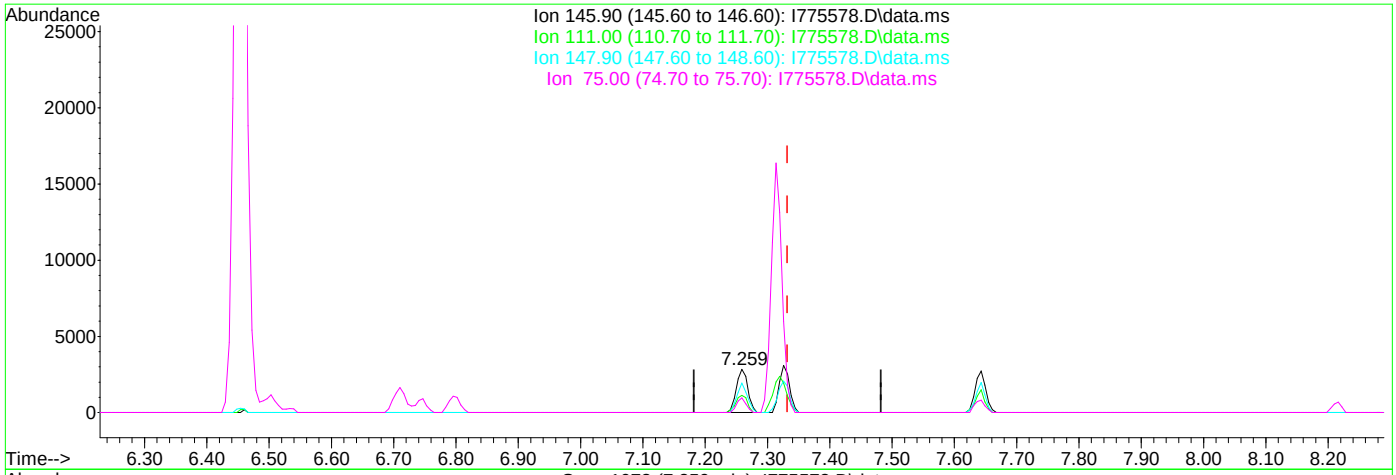
response 798

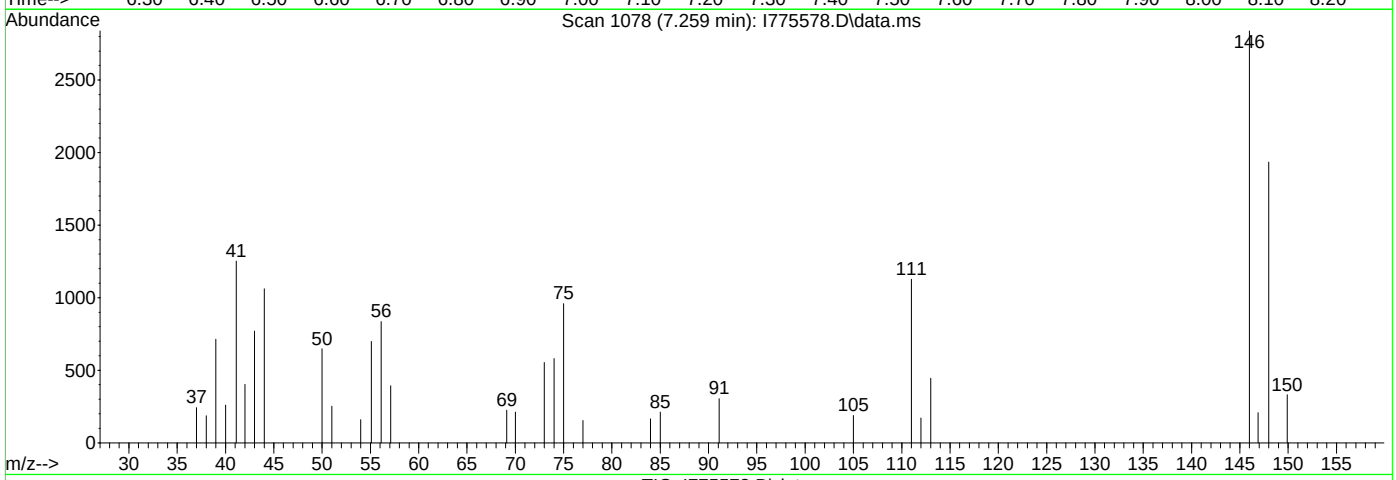
Ion	Exp%	Act%
109.90	100	100
61.00	66.40	66.03
111.90	62.90	66.35
49.00	53.20	62.36

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(104) 1,4-Dichlorobenzene

7.259min (-0.073) 1.13ug/L

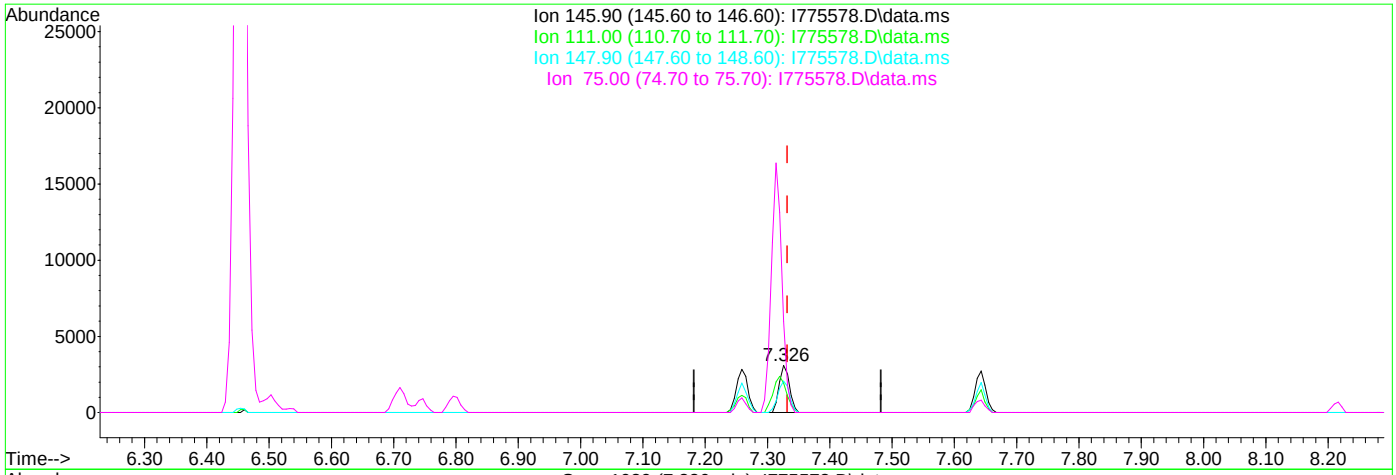
response 3597

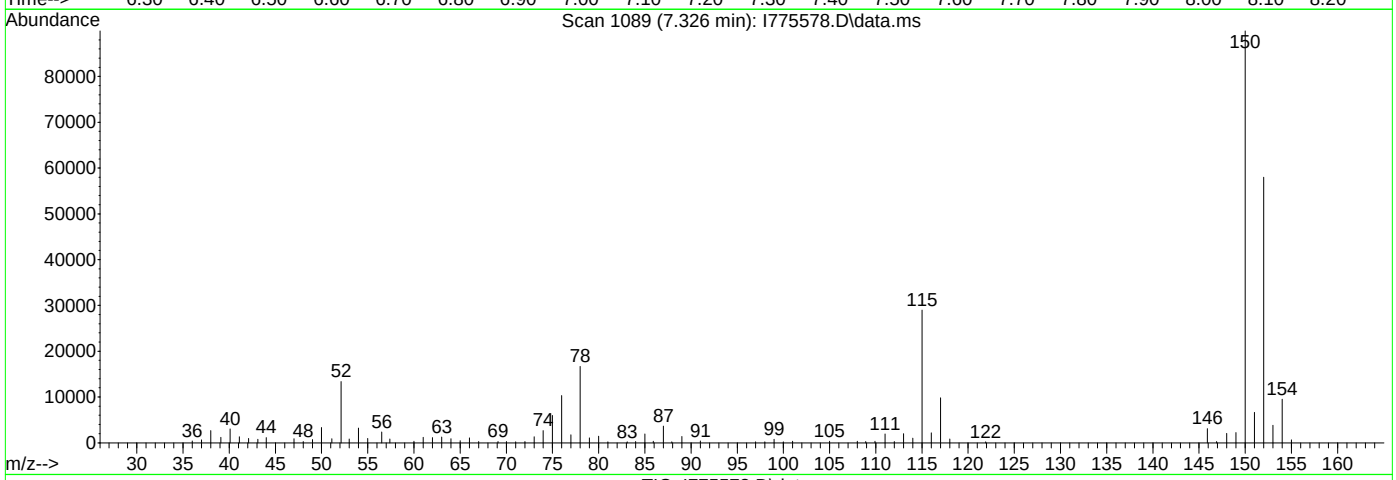
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	39.70
147.90	63.00	68.16
75.00	28.80	33.78

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(104) 1,4-Dichlorobenzene

7.326min (-0.006) 1.12ug/L m

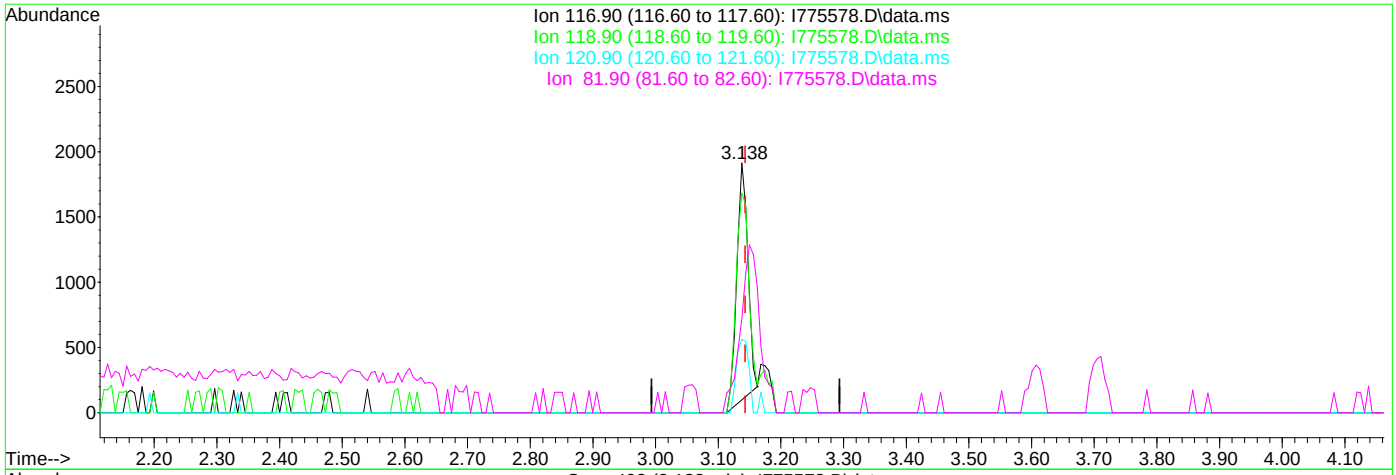
response 3566

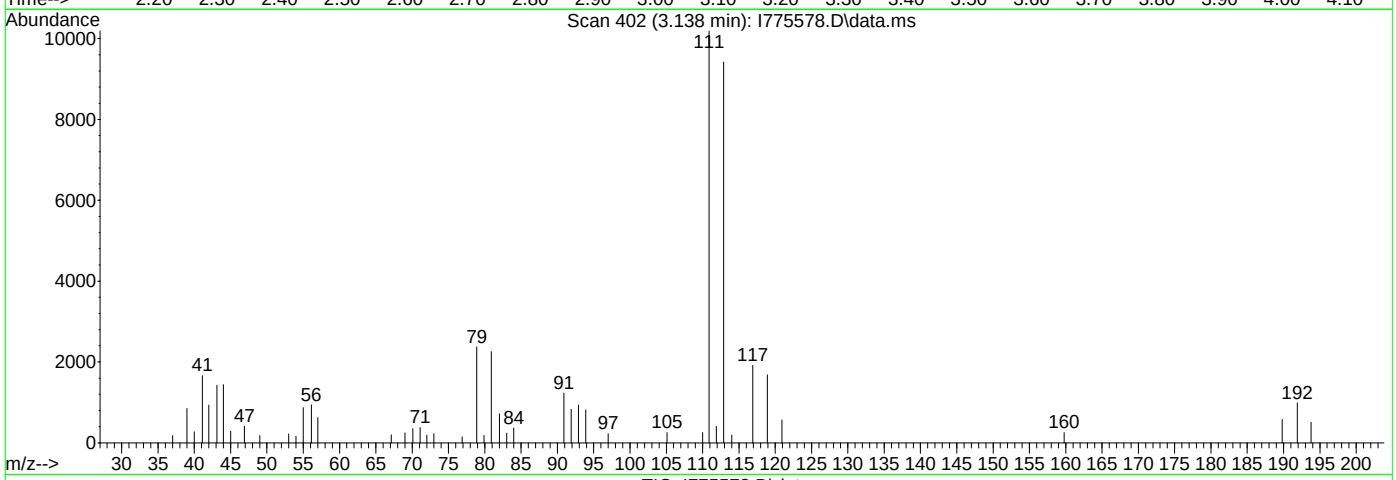
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	62.27
147.90	63.00	66.40
75.00	28.80	192.78#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 1.05ug/L

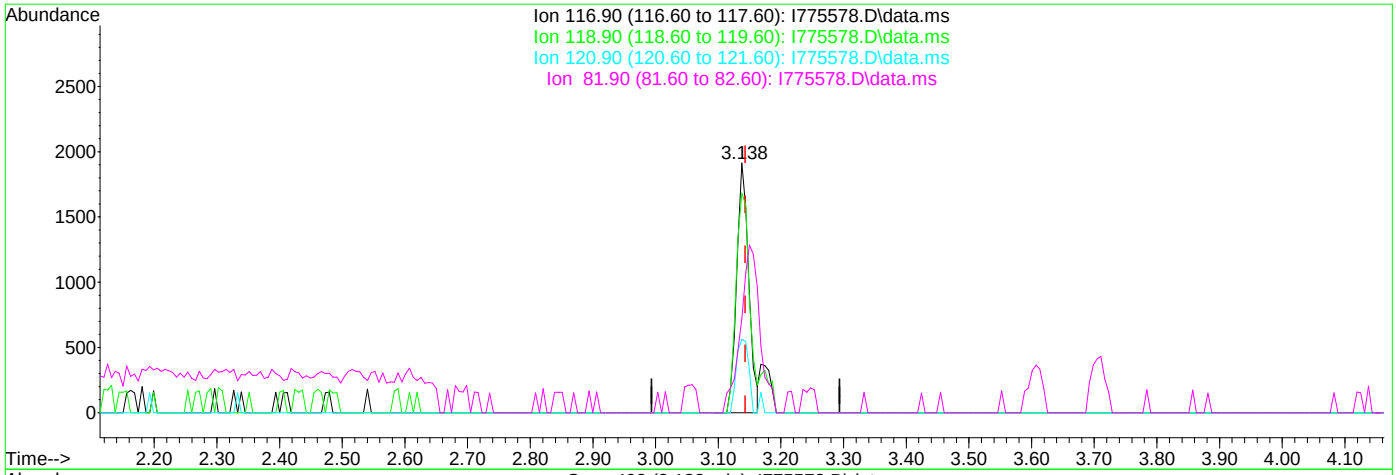
response 2267

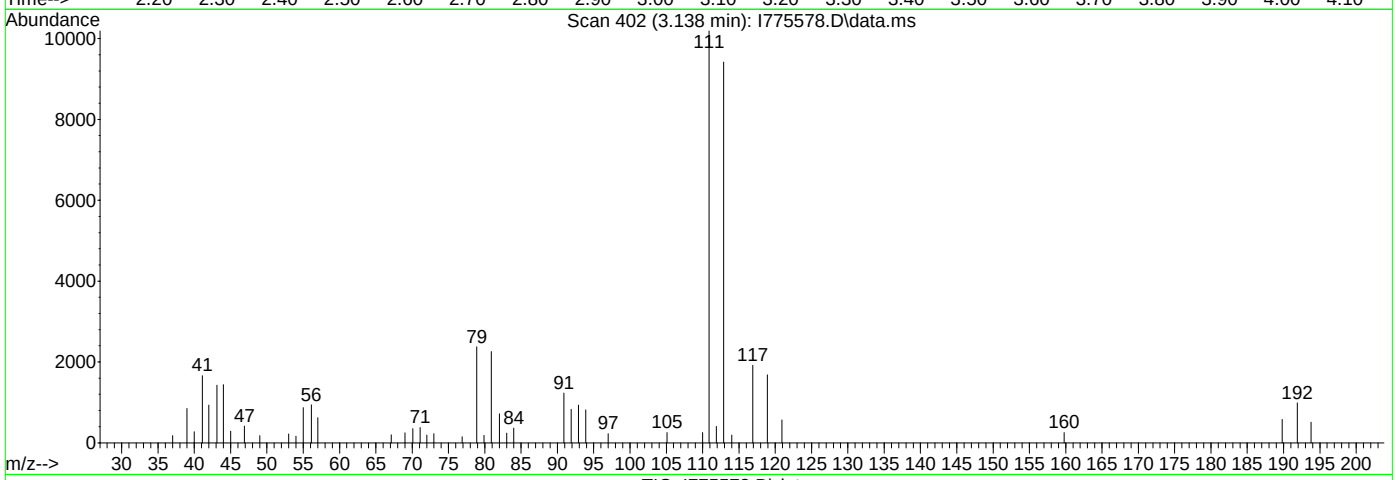
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	87.98
120.90	31.70	29.41
81.90	26.00	29.78

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 1.18ug/L m

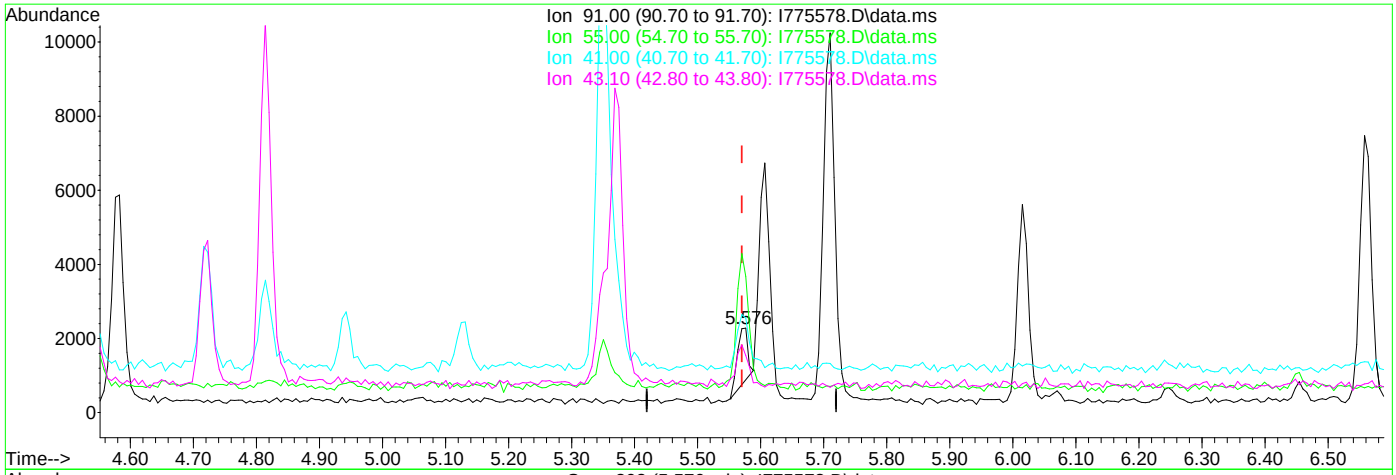
response 2556

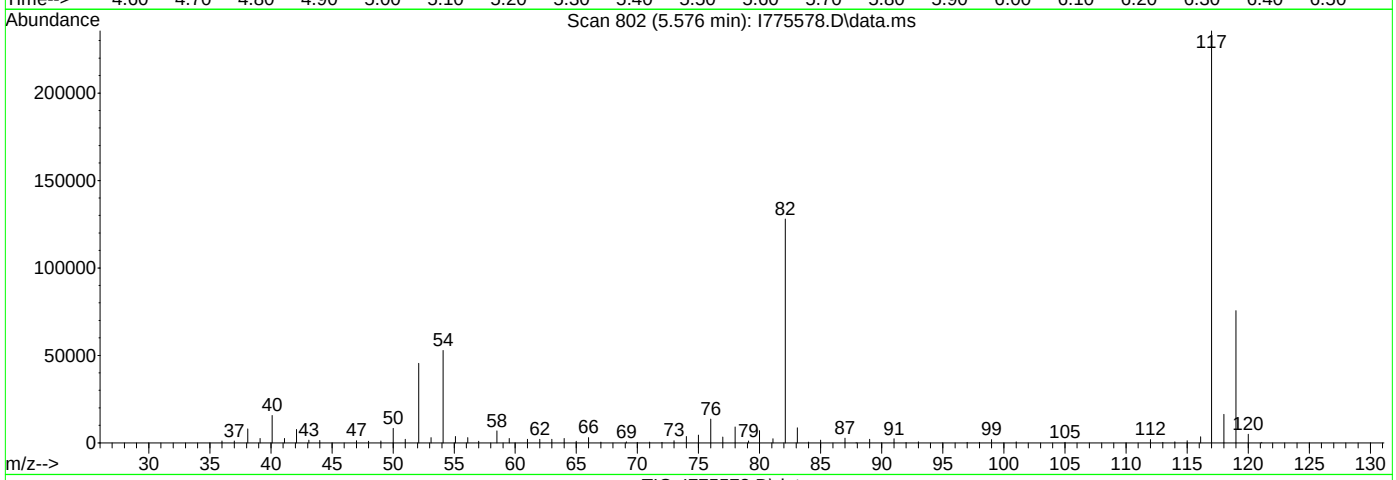
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	87.98
120.90	31.70	29.41
81.90	26.00	37.62

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.006) 0.92ug/L

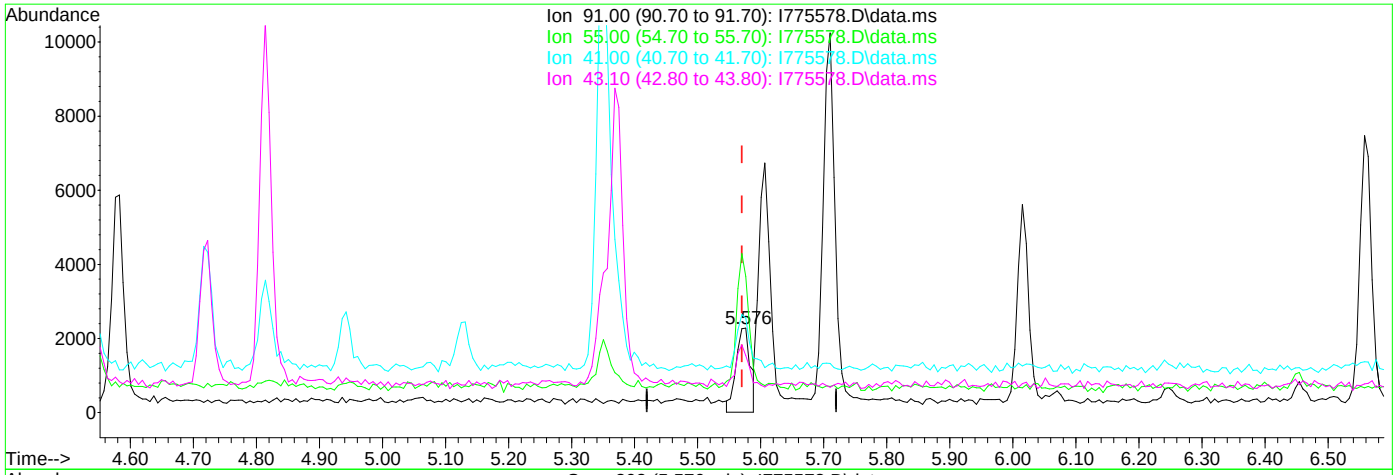
response 1877

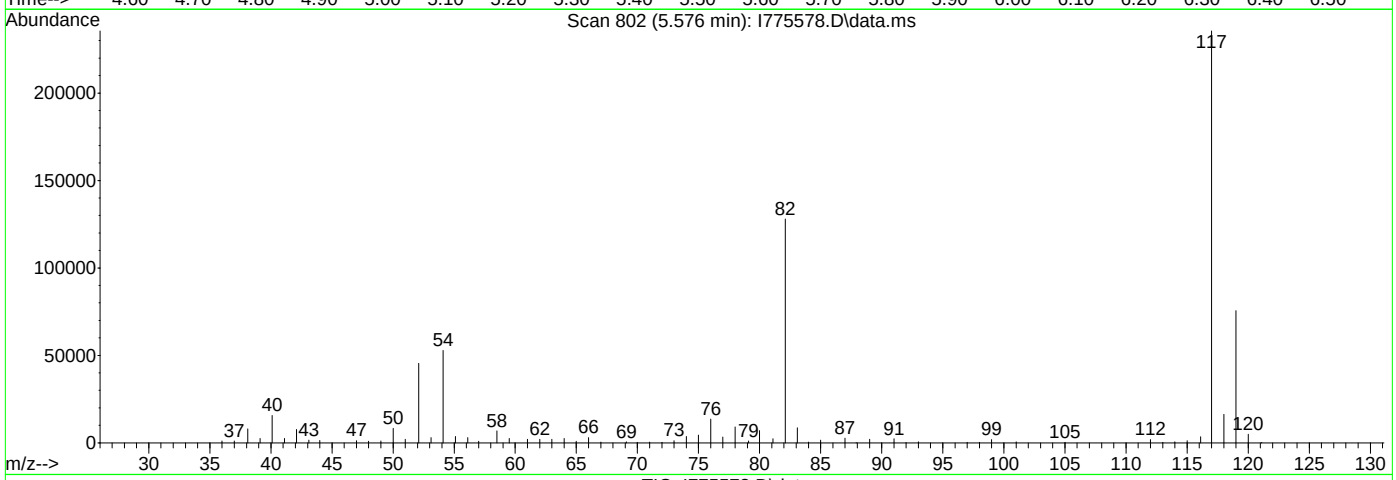
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	144.78#
41.00	47.90	70.13#
43.10	37.40	38.58

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(76) 1-Chlorohexane

5.576min (+0.006) 1.77ug/L m

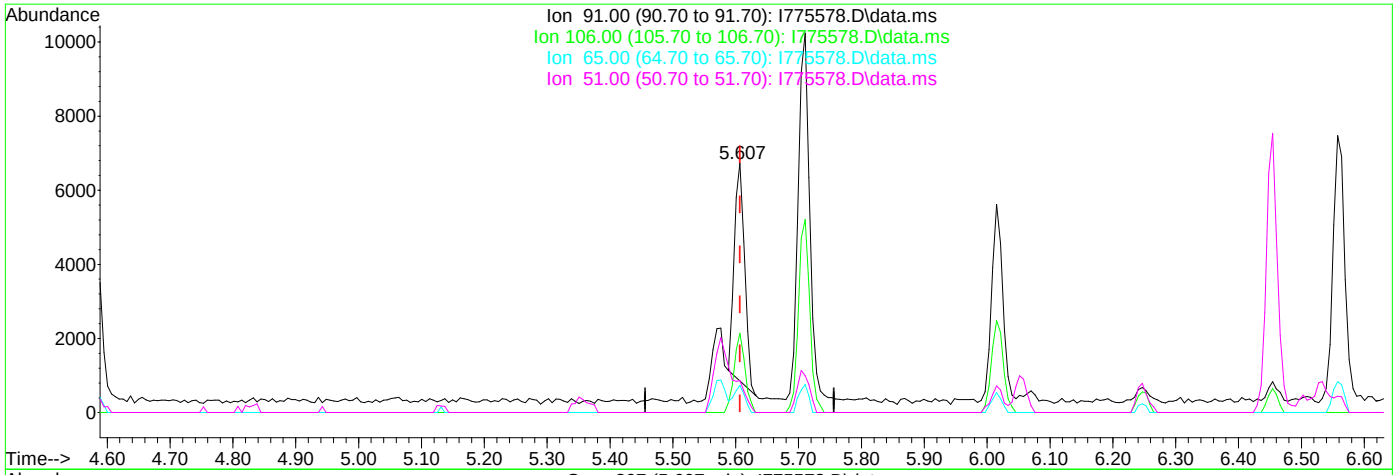
response 3611

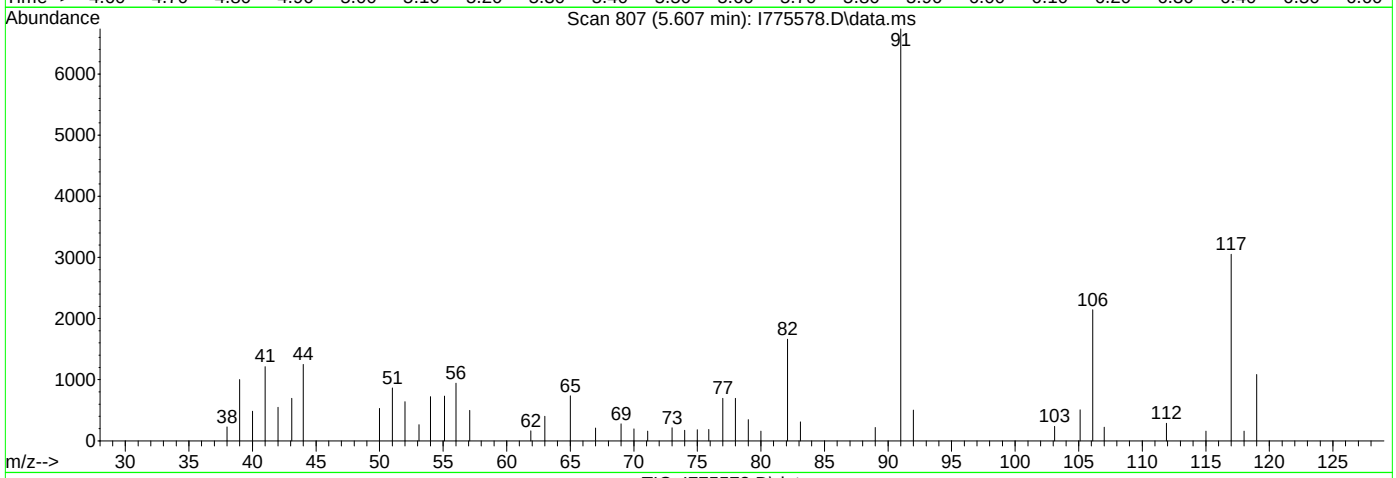
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	160.78#
41.00	47.90	111.83#
43.10	37.40	67.48#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 0.98ug/L

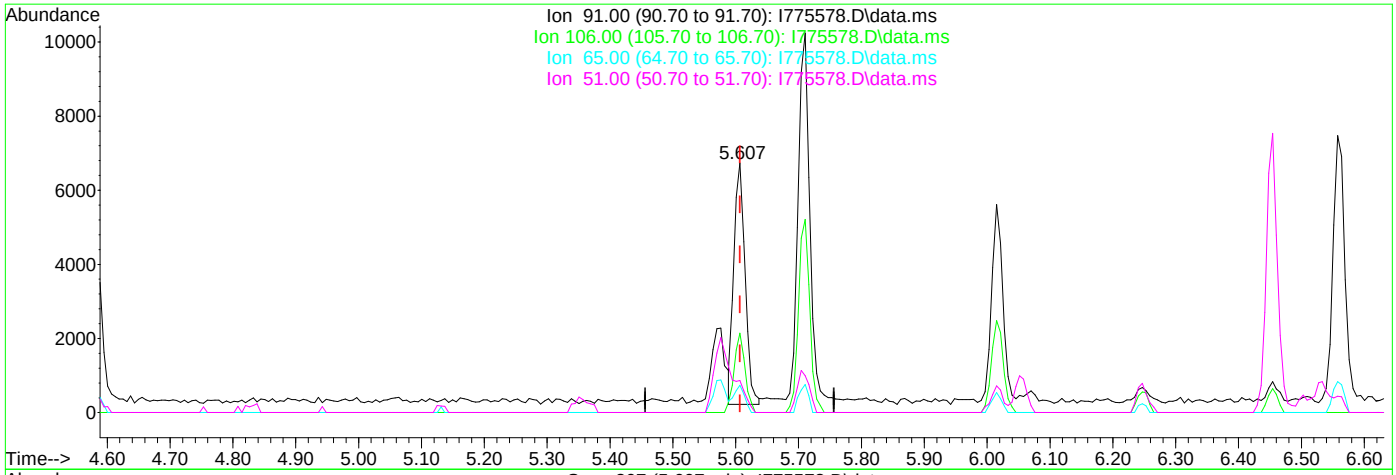
response 6573

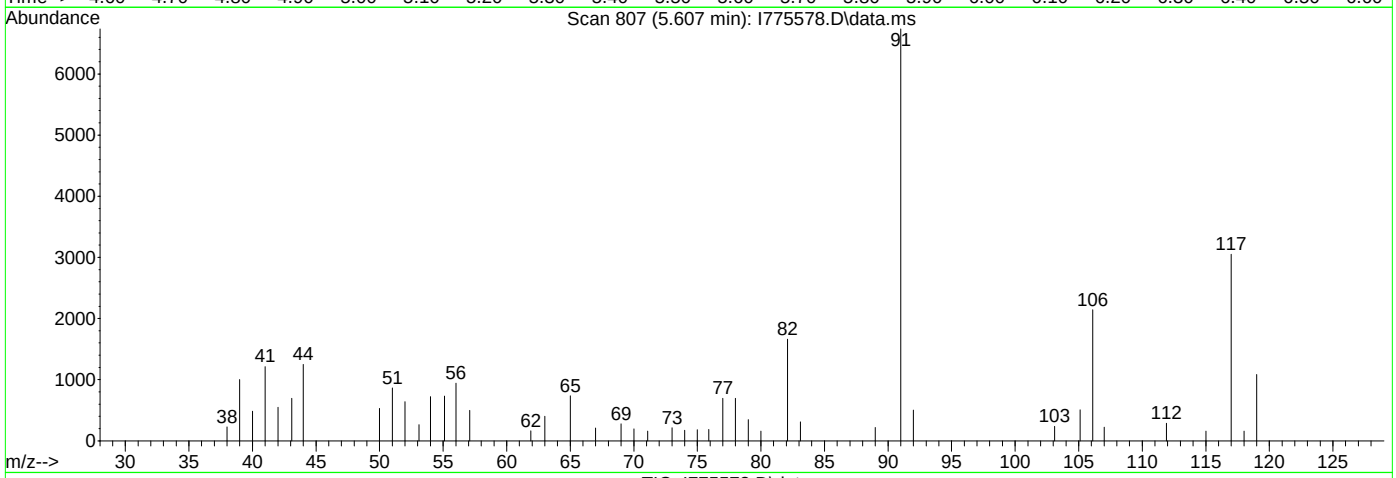
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	34.17
65.00	8.60	11.76
51.00	10.50	13.77

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775578.D
Acq On : 6 Nov 2025 9:40 am
Operator : jeniferw
Sample : IC3738-1 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 06 10:10:41 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775578.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 1.21ug/L m

response 8114

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.78
65.00	8.60	10.94
51.00	10.50	12.81

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 13:22:28 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	409189	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.576	117	299194	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	159893	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	122751	47.96	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 95.92%				
49) 1,2-Dichloroethane-d4	3.455	65	142269	52.75	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.50%				
63) Toluene-d8	4.552	98	389402	51.06	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 102.12%				
86) 4-Bromofluorobenzene	6.460	174	122131	51.05	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 102.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	4258	2.12	ug/L		97
3) Chloromethane	1.205	50	4130	1.82	ug/L		96
4) 1,3-butadiene	1.272	39	2891m	2.25	ug/L		
5) Vinyl Chloride	1.260	62	3808	1.78	ug/L		98
6) Bromomethane	1.455	94	2124	2.95	ug/L		93
7) Chloroethane	1.522	64	1274	2.58	ug/L		87
8) Trichlorofluoromethane	1.601	101	5350	2.39	ug/L		98
9) Ethyl Ether	1.784	59	2709	1.63	ug/L		93
11) 1,2-Dichlorotrifluoroe...	1.888	67	2559	1.78	ug/L		91
12) 1,1-Dichloroethene	1.894	61	4821	2.00	ug/L		97
13) Freon 113	1.918	101	2916	2.24	ug/L		93
14) Carbon Disulfide	1.912	76	9574	2.24	ug/L		96
15) Iodomethane	1.979	142	2127	3.30	ug/L		89
16) Acrolein	2.077	56	5207	9.33	ug/L		99
17) Allyl chloride	2.150	41	4251	1.98	ug/L		96
18) Methylene Chloride	2.211	49	5178	2.02	ug/L		95
19) Acetone	2.235	43	8337	8.29	ug/L		99
20) Methyl acetate	2.302	43	20385	7.06	ug/L		97
21) trans-1,2-Dichloroethene	2.296	61	5014	2.11	ug/L		94
22) Hexane	2.339	56	3106	2.24	ug/L	#	80
23) Methyl Tert Butyl Ether	2.357	73	9703	2.13	ug/L		89
24) Acetonitrile	2.491	41	13941m	34.13	ug/L		
25) Tert Butyl Alcohol	2.406	59	12510	21.32	ug/L		87
26) Di-isopropyl ether	2.558	45	10857	1.68	ug/L		93
27) Chloroprene	2.650	53	9007	1.33	ug/L		98
28) 1,1-Dichloroethane	2.626	63	5997	1.96	ug/L		90
29) Acrylonitrile	2.650	52	6987	6.70	ug/L		99
30) ETBE	2.754	59	9976	1.74	ug/L		98
31) Vinyl acetate	2.754	43	43928	8.60	ug/L		98
32) cis-1,2-Dichloroethene	2.912	96	3335	2.06	ug/L		82
33) 2,2-Dichloropropane	2.973	77	5761	2.76	ug/L		96
34) Bromochloromethane	3.022	128	1689	1.91	ug/L		93
35) Cyclohexane	3.028	56	5171	1.75	ug/L		95
36) Chloroform	3.058	83	6577	2.38	ug/L		96
37) Ethyl acetate	3.119	43	28750	7.94	ug/L		99
38) Tetrahydrofuran	3.150	42	2359	1.61	ug/L		93
40) Carbon Tetrachloride	3.138	117	4863m	2.26	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	5750	2.45	ug/L		95
42) 2-Butanone	3.223	43	15432	7.79	ug/L		94
43) 1,1-Dichloropropene	3.241	75	4027	2.21	ug/L		90
44) tert-Butyl formate	3.302	59	19349	11.20	ug/L		99
45) Propionitrile	3.388	54	8114	14.59	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 13:22:28 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Methacrylonitrile	3.400	41	29746	16.31	ug/L		98
47) Benzene	3.381	78	12884	2.21	ug/L		91
48) TAME	3.442	73	10340	2.31	ug/L		96
50) 1,2-Dichloroethane	3.491	62	4640	1.93	ug/L		92
51) Isobutyl Alcohol	3.442	43	2807	38.56	ug/L		83
52) Tert Amyl Alcohol	3.546	59	10877	21.11	ug/L		92
53) Trichloroethene	3.711	95	3490	2.09	ug/L		92
54) Methylcyclohexane	3.711	83	4535	2.21	ug/L		96
55) Dibromomethane	3.955	93	2374	2.02	ug/L		94
56) 1,2-Dichloropropane	4.015	63	3379	1.90	ug/L		94
57) Bromodichloromethane	4.046	83	4891	2.31	ug/L		99
58) Methyl methacrylate	4.137	41	4025	1.83	ug/L	#	80
59) 1,4-Dioxane	4.174	88	1242	38.51	ug/L		76
60) 2-Chloroethyl vinyl ether	4.387	63	11046	8.24	ug/L		98
61) cis-1,3-Dichloropropene	4.430	75	5338	2.17	ug/L		93
64) Toluene	4.582	91	13242	2.17	ug/L		98
65) 2-Nitropropane	4.723	41	9451	12.76	ug/L		95
66) 4-Methyl-2-pentanone	4.814	43	26024	8.30	ug/L		98
67) trans-1,3-Dichloropropene	4.838	75	5000	2.21	ug/L		86
68) Tetrachloroethene	4.832	166	3604	2.19	ug/L		96
69) Ethyl methacrylate	4.942	69	4490	2.50	ug/L		93
70) 1,1,2-Trichloroethane	4.948	83	3032	2.46	ug/L		97
71) Dibromochloromethane	5.070	129	3655	2.09	ug/L		99
72) 1,3-Dichloropropane	5.131	76	5208	2.10	ug/L		98
73) 1,2-Dibromoethane	5.229	107	3560	2.10	ug/L		96
74) 3,3-Dimethyl-1-Butanol	5.351	57	52196	88.66	ug/L		93
75) 2-hexanone	5.375	43	29669	8.64	ug/L		99
76) 1-Chlorohexane	5.570	91	5137m	2.60	ug/L		
77) Ethylbenzene	5.607	91	14672m	2.26	ug/L		
78) Chlorobenzene	5.588	112	8483	2.07	ug/L		91
79) 1,1,1,2-Tetrachloroethane	5.631	131	3392	2.24	ug/L		86
80) m,p-Xylene	5.710	91	23112	4.66	ug/L		99
81) o-Xylene	6.015	91	11629	2.35	ug/L		98
82) Styrene	6.058	104	9137	2.40	ug/L		99
83) Bromoform	6.070	173	2561	2.02	ug/L		96
84) Isopropylbenzene	6.247	105	15006	2.57	ug/L		97
87) cis-1,4-Dichloro-2-butene	6.503	53	2354	2.67	ug/L	#	85
88) n-Propylbenzene	6.558	91	15811	2.29	ug/L		99
89) Bromobenzene	6.533	156	3705	2.20	ug/L		95
90) 1,1,2,2-Tetrachloroethane	6.606	83	5857	2.59	ug/L		97
91) 1,3,5-Trimethylbenzene	6.710	105	11903	2.57	ug/L		98
92) 2-Chlorotoluene	6.673	91	8798	2.32	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.747	53	1469	2.00	ug/L	#	80
94) 1,2,3-Trichloropropane	6.710	110	1610	2.18	ug/L		92
95) Cyclohexanone	6.741	55	1720	11.28	ug/L		95
96) 4-Chlorotoluene	6.802	91	10060	2.34	ug/L		95
97) tert-Butylbenzene	6.954	91	6138	2.47	ug/L		96
98) 1,2,4-Trimethylbenzene	7.015	105	11385	2.47	ug/L		98
99) Pentachloroethane	6.972	167	2049	2.25	ug/L		89
100) sec-Butylbenzene	7.100	105	13712	2.56	ug/L		96
101) 4-Isopropyltoluene	7.216	119	11515	2.47	ug/L		99
102) 1,3-Dichlorobenzene	7.259	146	6466	2.13	ug/L		97
103) 1,2,3-Trimethylbenzene	7.350	105	11834	2.39	ug/L		99
104) 1,4-Dichlorobenzene	7.326	146	6777m	2.13	ug/L		
105) n-Butylbenzene	7.533	92	6319	2.59	ug/L		93
106) Benzyl Chloride	7.521	126	2248	2.59	ug/L	#	88
107) 1,2-Dichlorobenzene	7.643	146	6333	2.13	ug/L		94
108) 1,2-Dibromo-3-Chloropr...	8.216	75	1461	2.45	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 13:22:28 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

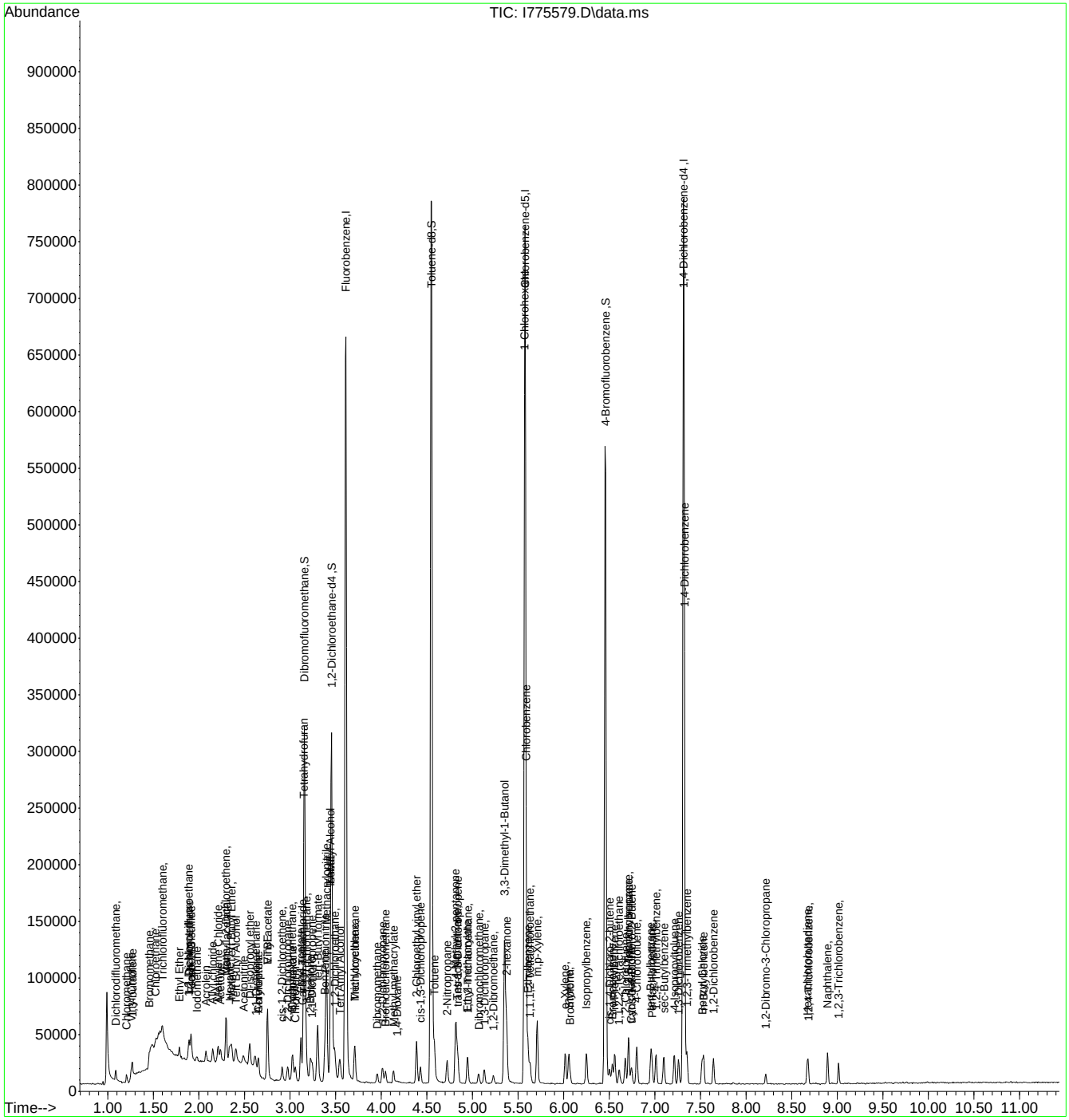
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
109) Hexachlorobutadiene	8.673	225	1669	2.71	ug/L	83
110) 1,2,4-Trichlorobenzene	8.685	180	3864	2.33	ug/L	92
111) Naphthalene	8.893	128	13462	2.29	ug/L	97
112) 1,2,3-Trichlorobenzene	9.015	180	3443	2.19	ug/L	94

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 13:22:28 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
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Manual Integration Approval Summary

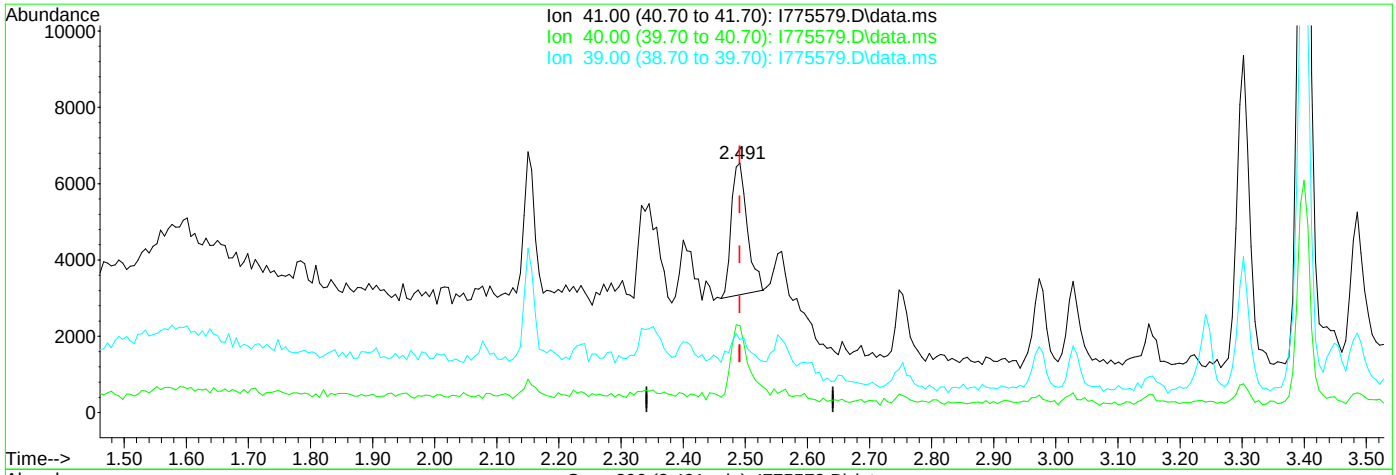
Sample Number: VI3738-IC3738
Lab FileID: I775579.D
Injection Time: 11/06/25 09:56
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

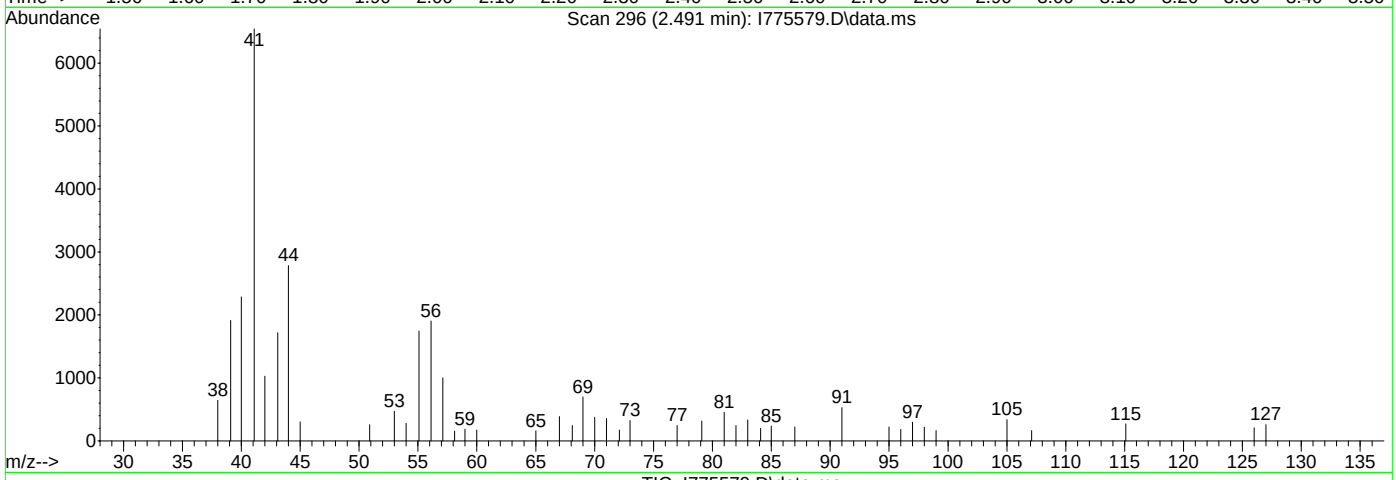
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 15.09ug/L

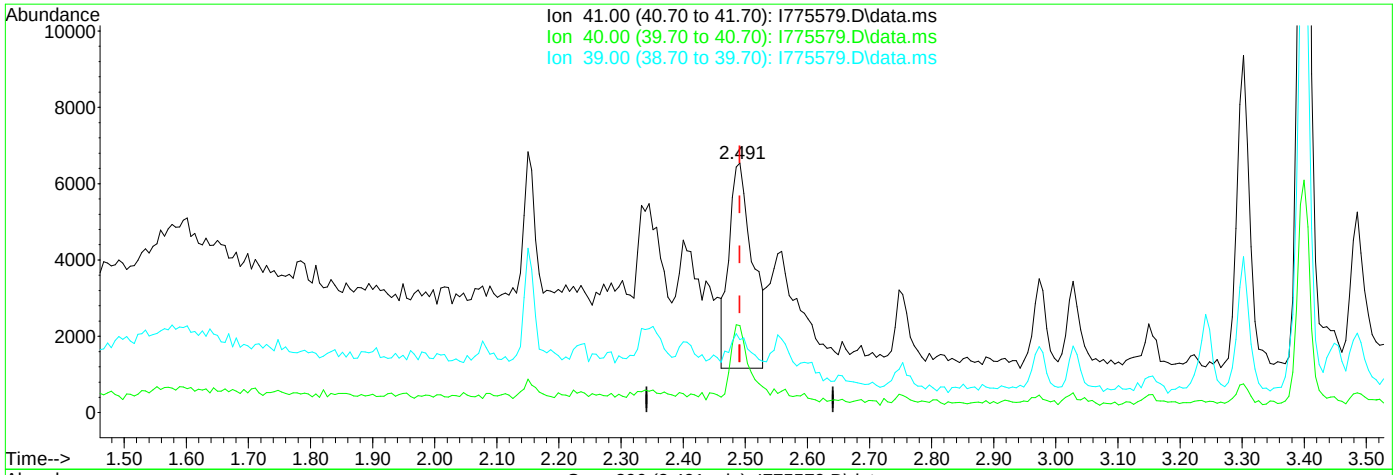
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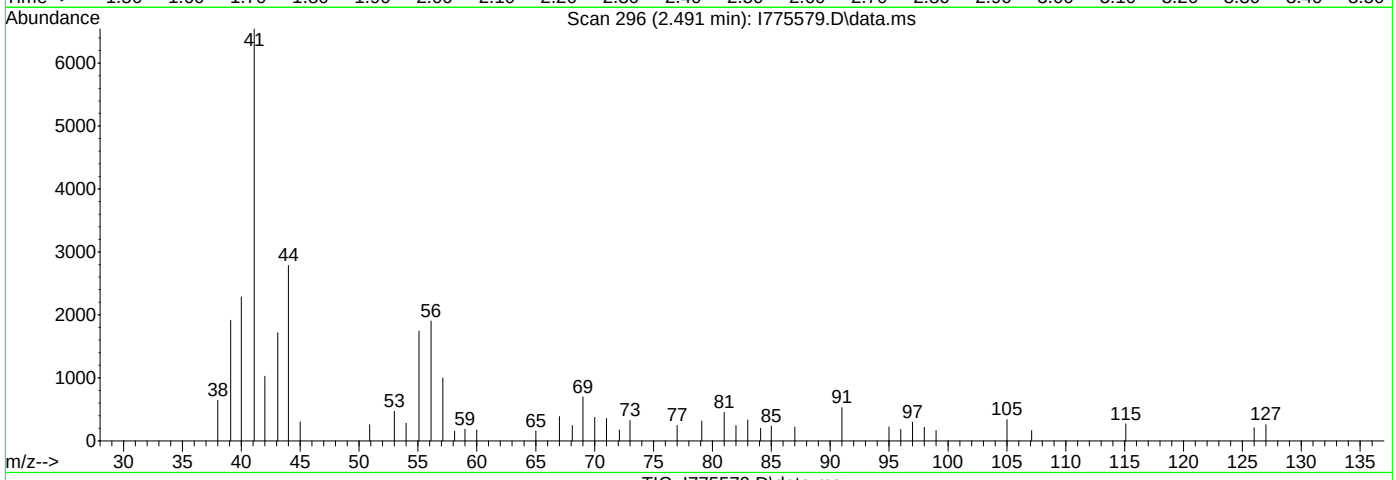
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.75
39.00	21.50	16.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 34.13ug/L m

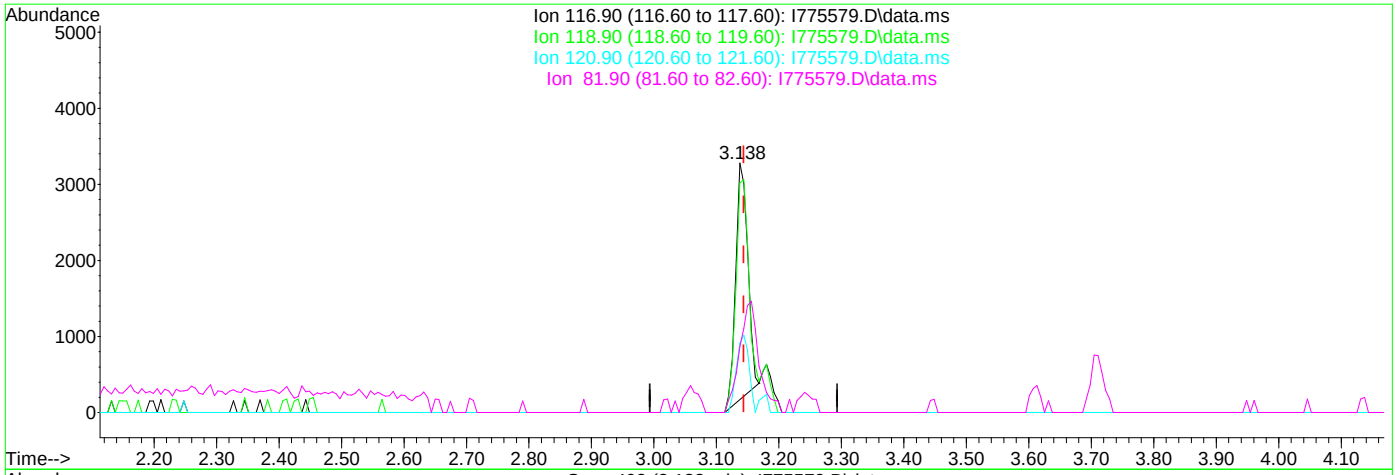
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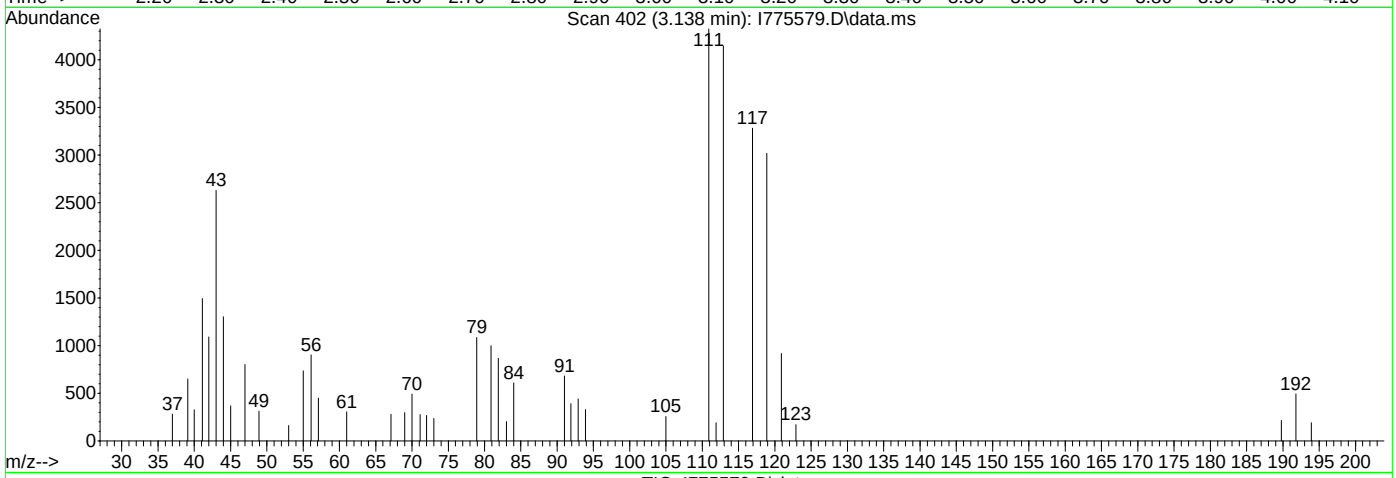
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	34.90
39.00	21.50	29.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 1.97ug/L

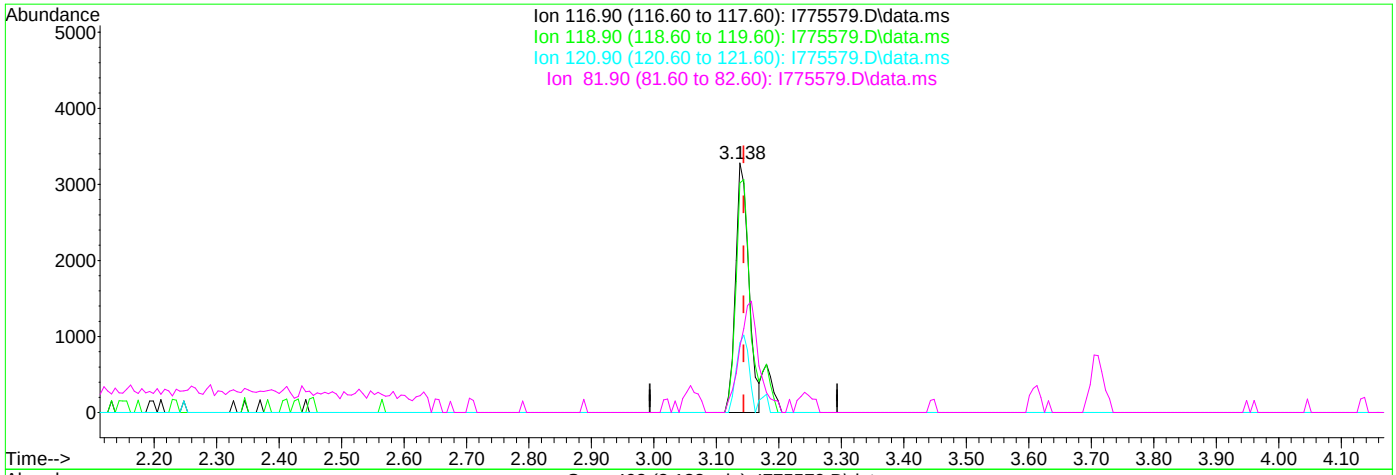
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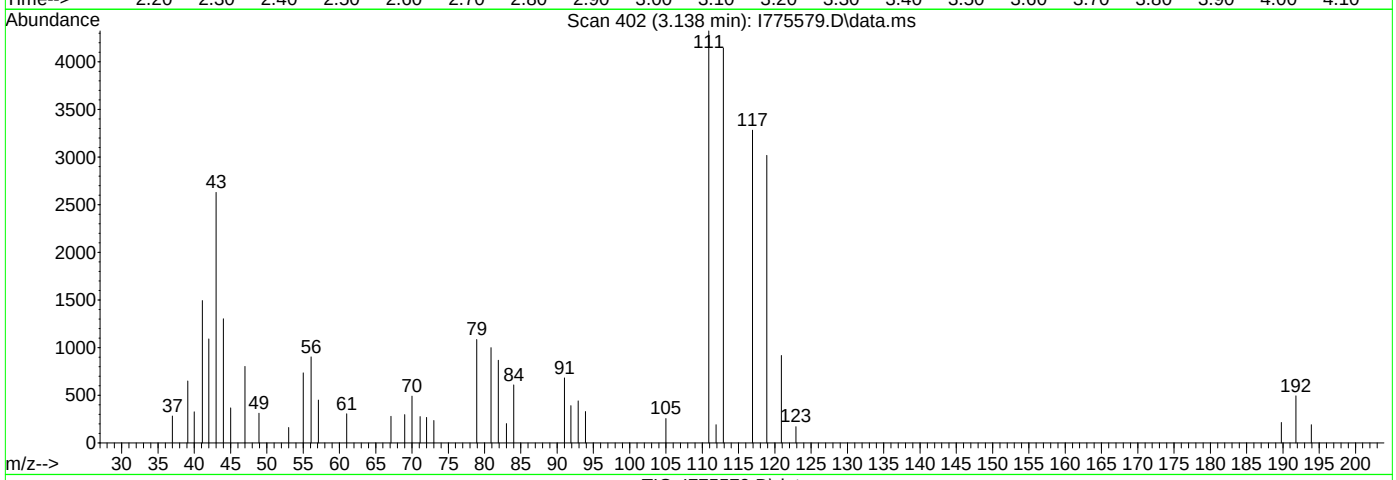
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	91.99
120.90	31.70	27.94
81.90	26.00	26.45

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 2.26ug/L m

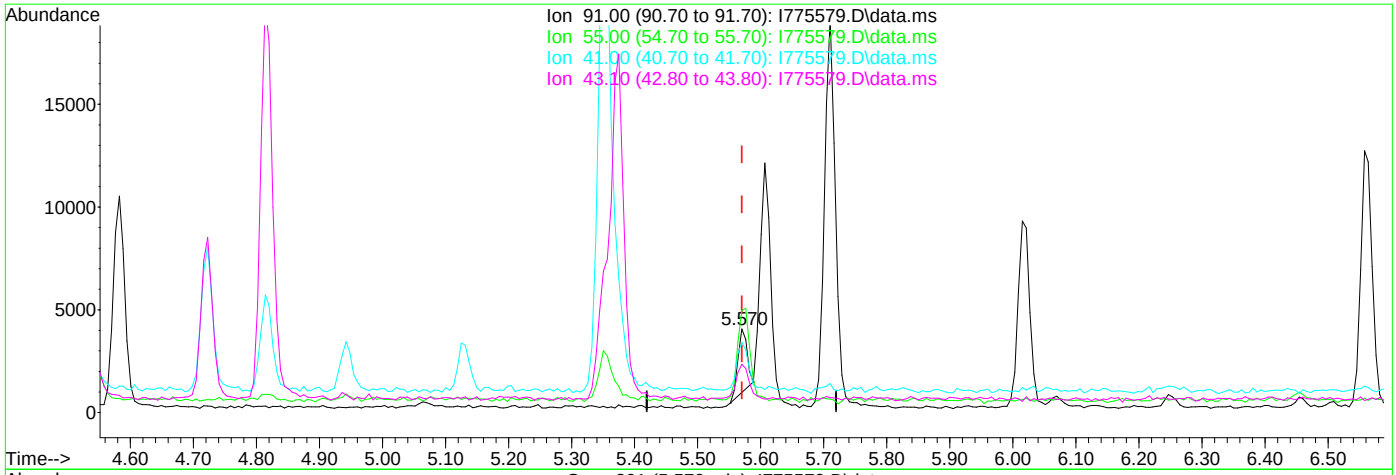
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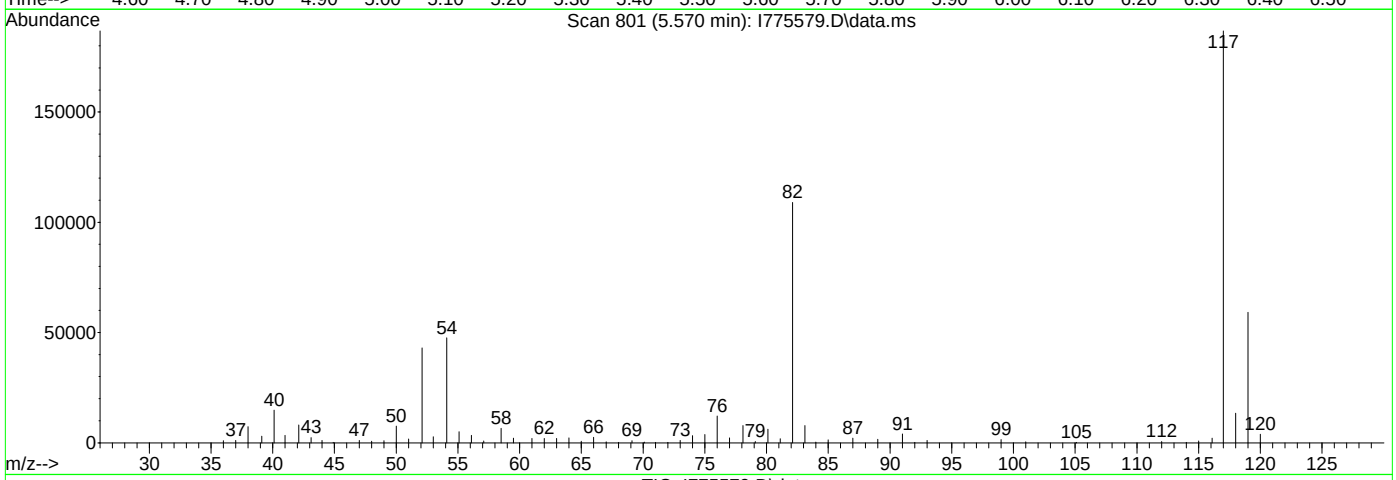
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	91.99
120.90	31.70	27.94
81.90	26.00	26.45

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 1.70ug/L

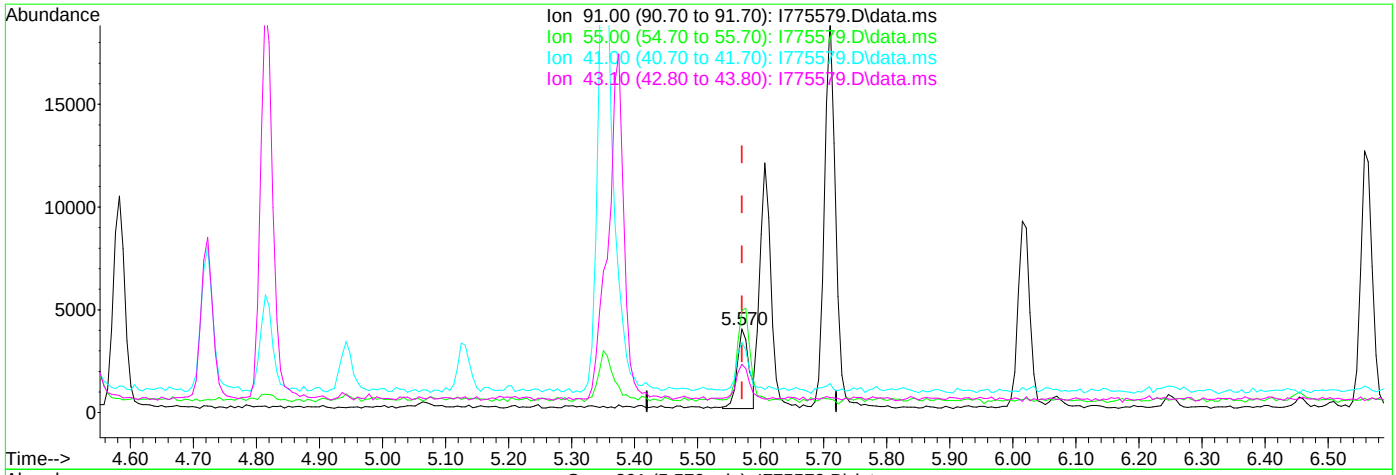
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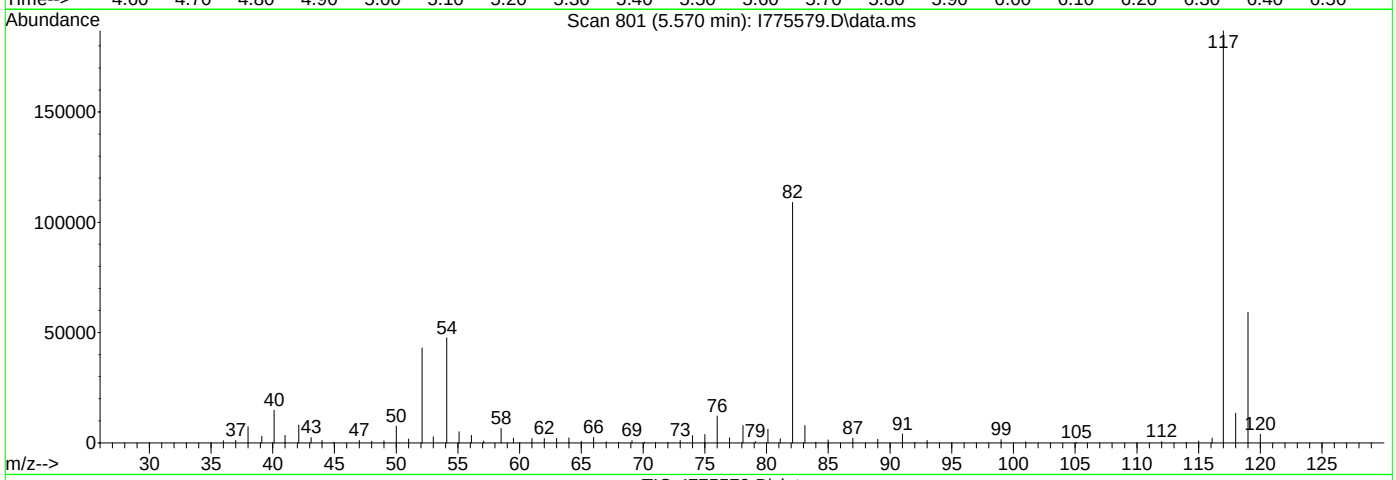
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	116.18#
41.00	47.90	61.17
43.10	37.40	41.94

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
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Response via : Initial Calibration





TIC: I775579.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 2.60ug/L m

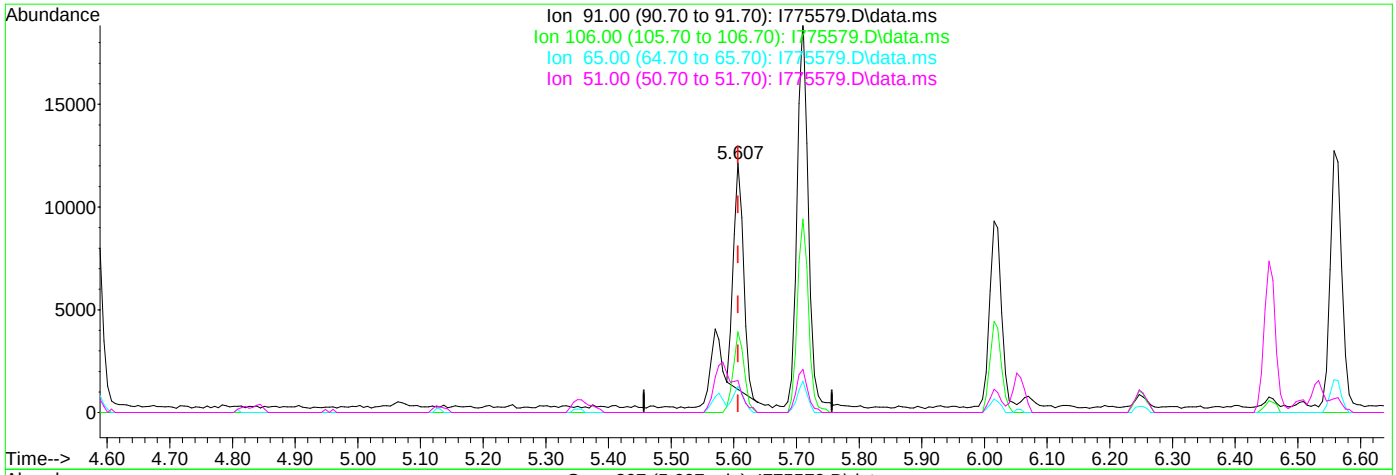
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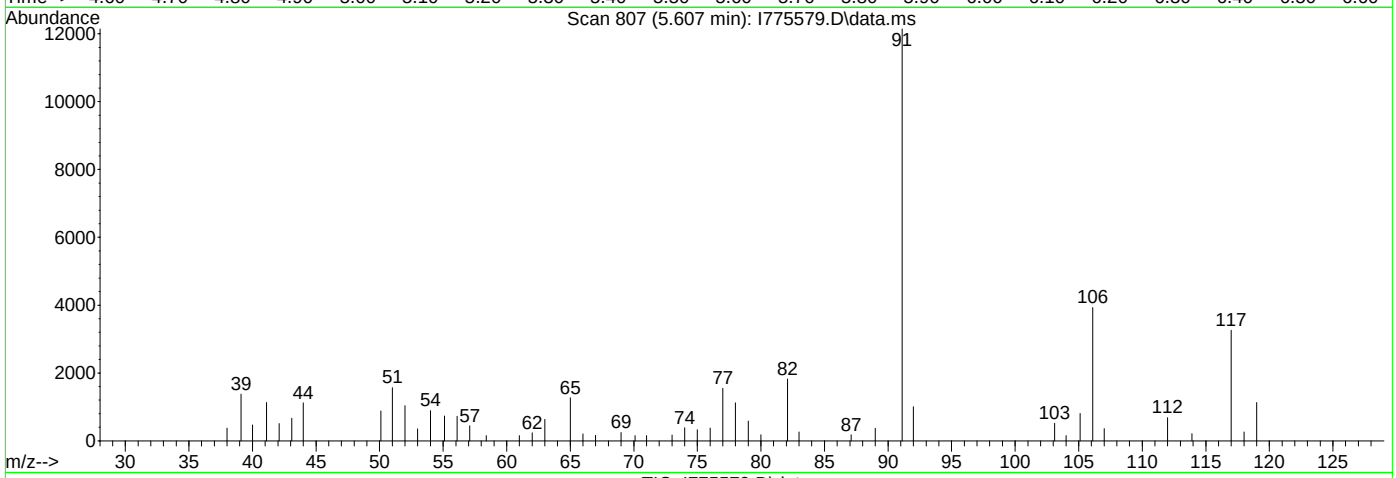
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	122.18#
41.00	47.90	84.04#
43.10	37.40	57.80#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 1.87ug/L

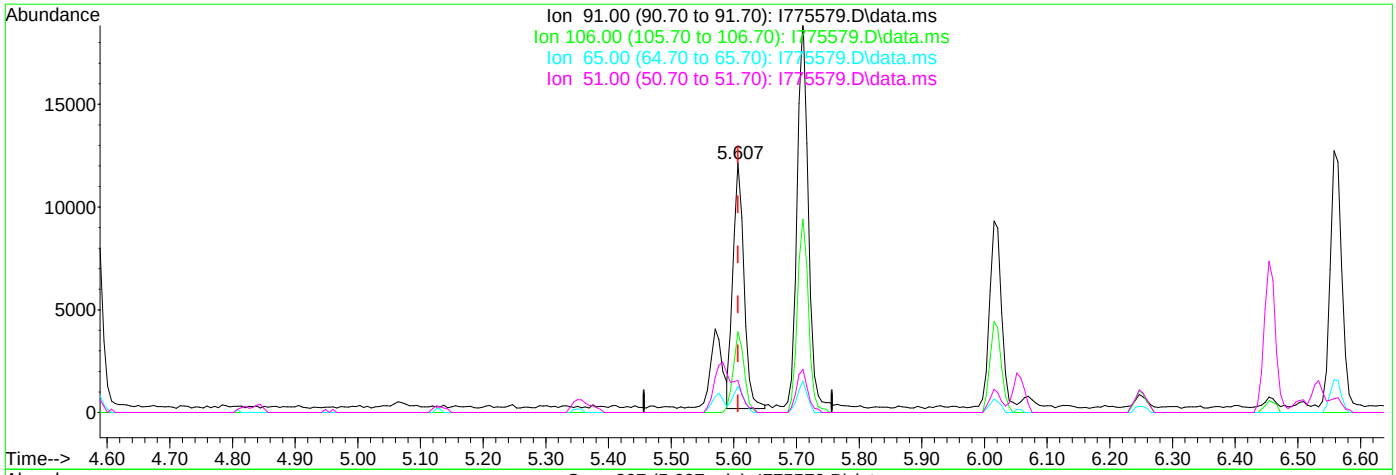
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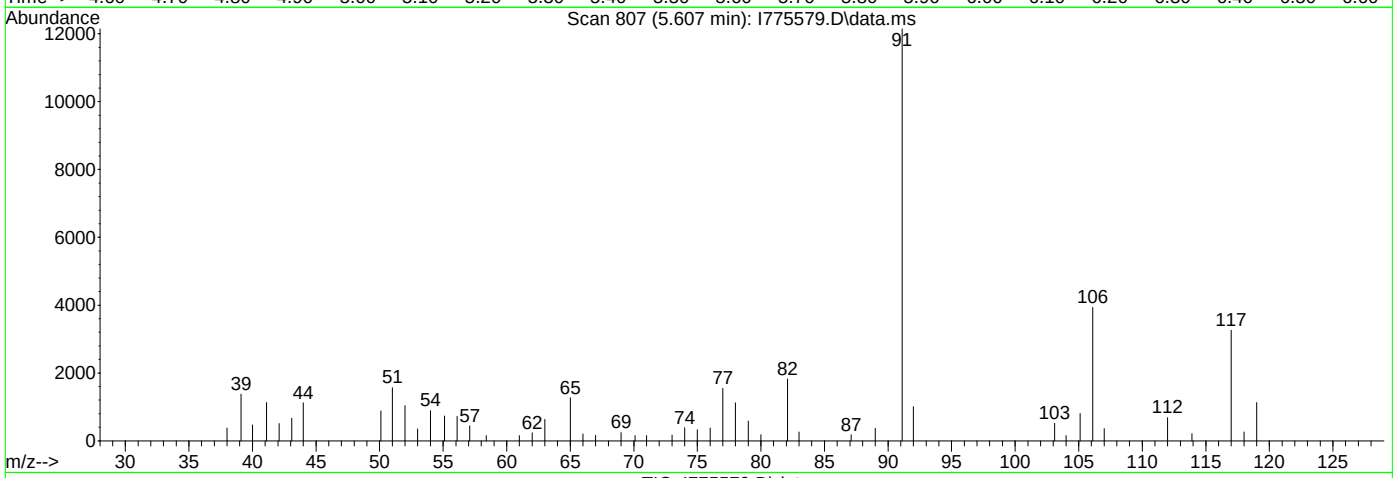
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	33.77
65.00	8.60	10.92
51.00	10.50	13.44

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
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Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
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Quant Time: Nov 06 10:12:02 2025
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Response via : Initial Calibration





TIC: I775579.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 2.26ug/L m

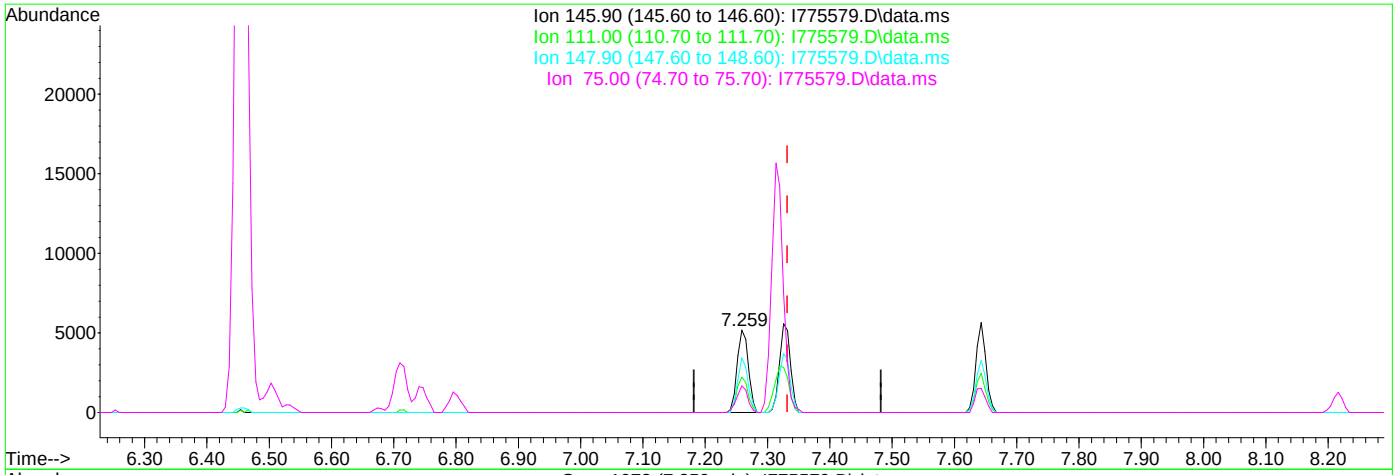
response 14672

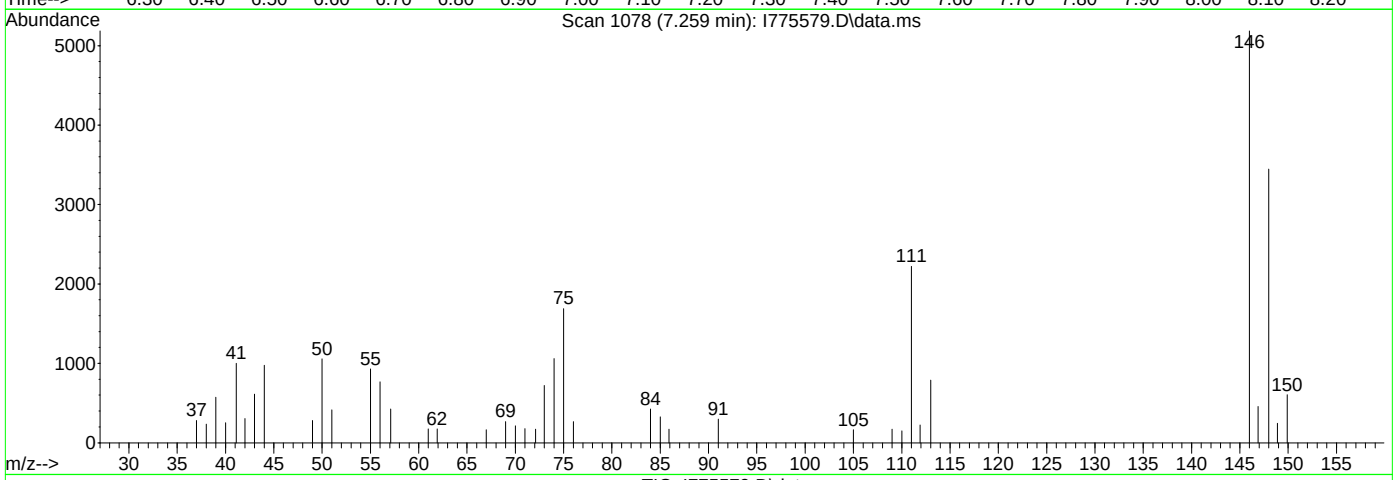
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.36
65.00	8.60	10.46
51.00	10.50	12.88

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
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Response via : Initial Calibration





TIC: I775579.D\data.ms

(104) 1,4-Dichlorobenzene

7.259min (-0.073) 2.03ug/L

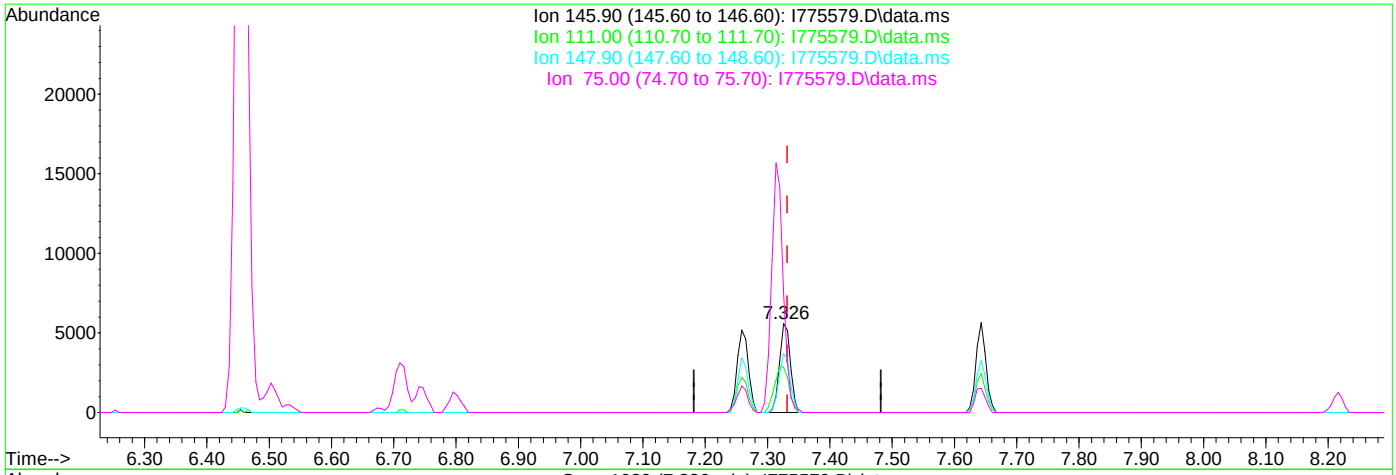
response 6466

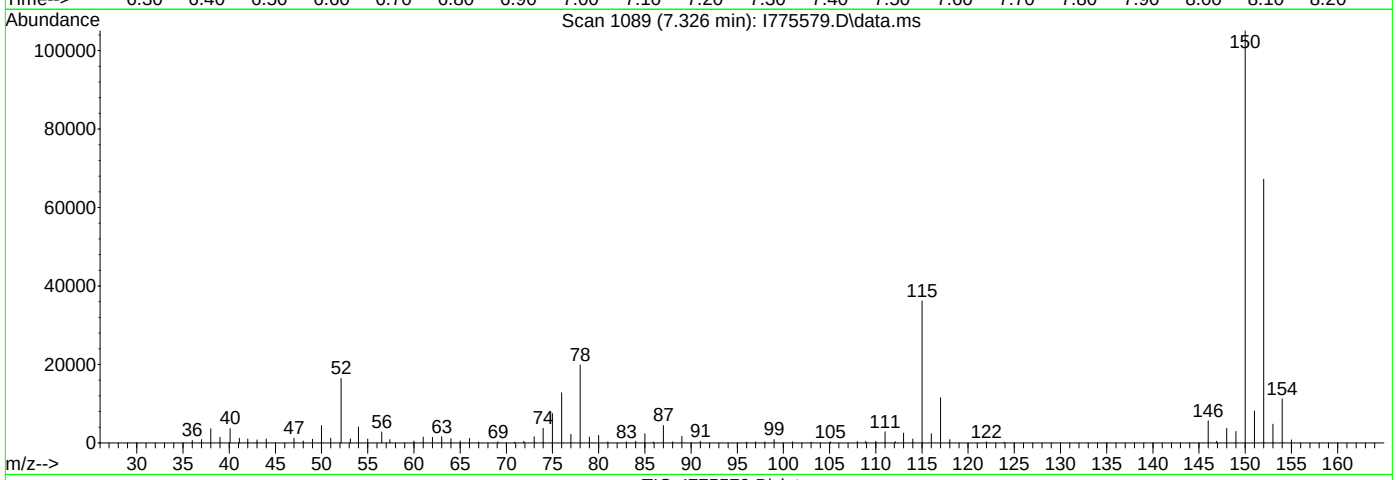
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	42.82
147.90	63.00	66.44
75.00	28.80	32.52

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(104) 1,4-Dichlorobenzene

7.326min (-0.006) 2.13ug/L m

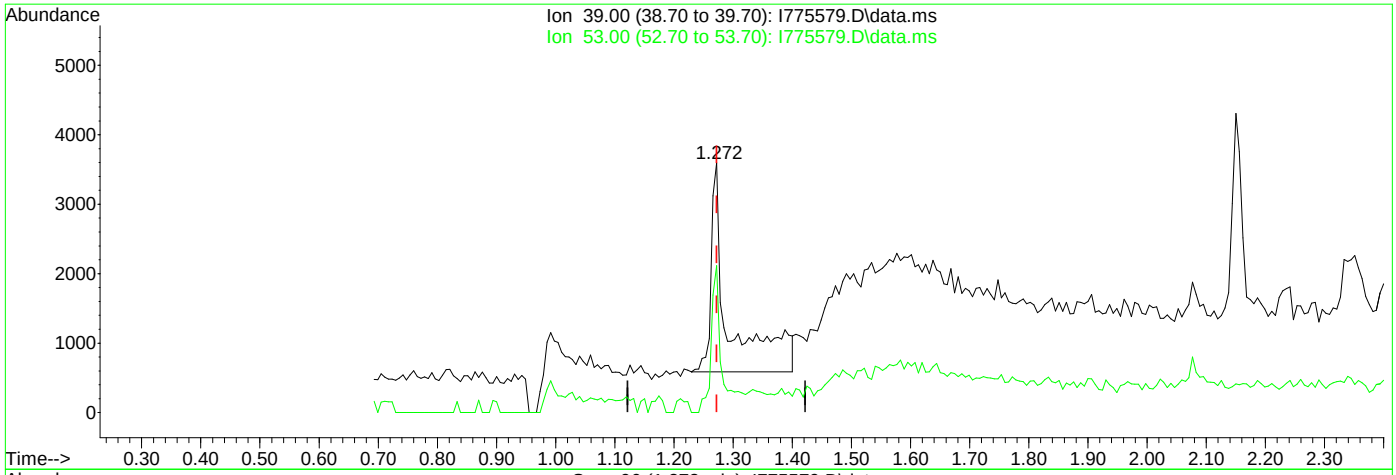
response 6777

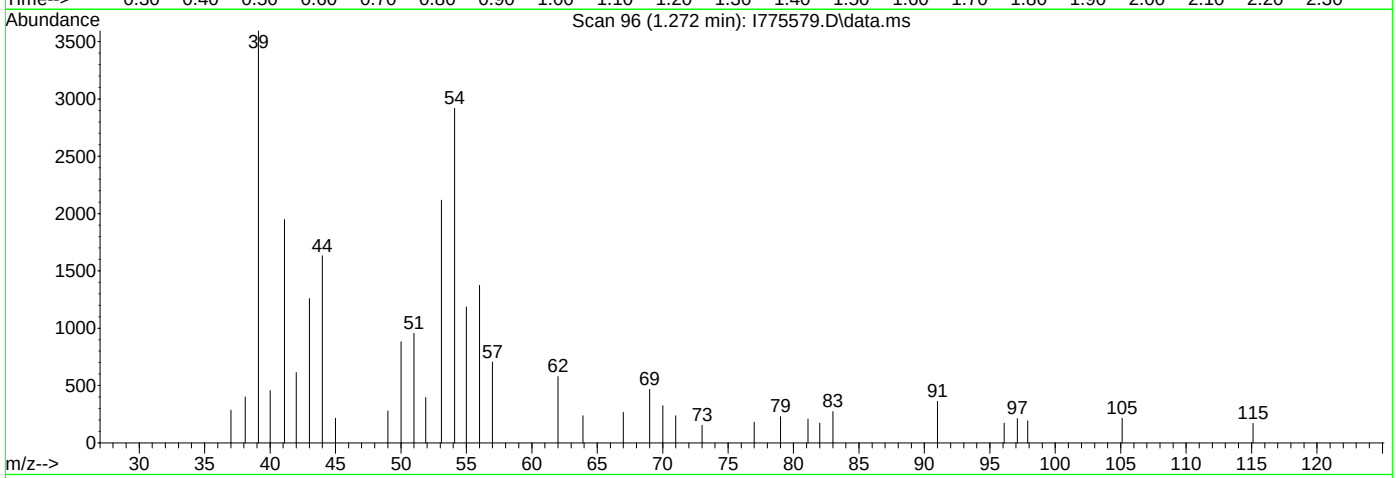
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	51.04
147.90	63.00	66.29
75.00	28.80	133.78#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:47 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(4) 1,3-butadiene

1.272min (+0.000) 4.90ug/L

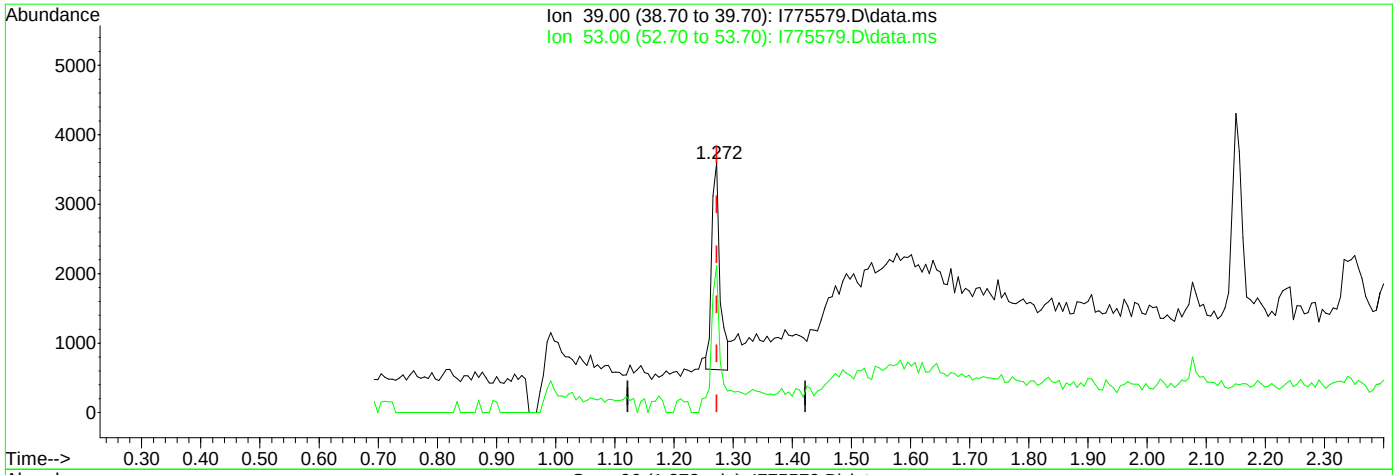
response 6293

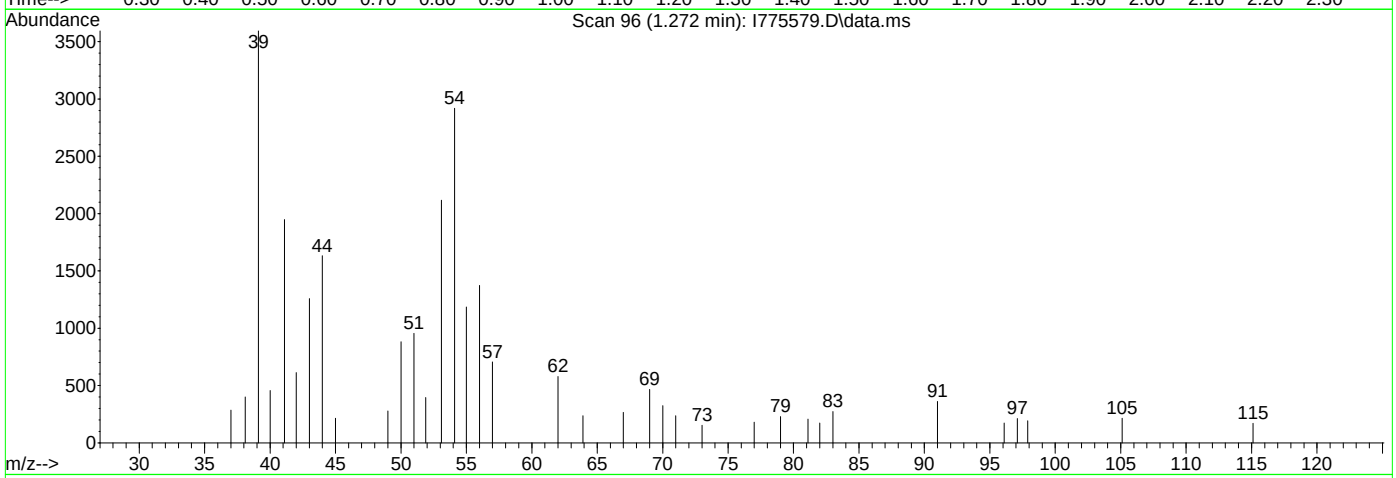
Ion	Exp%	Act%
39.00	100	100
53.00	68.60	70.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775579.D
Acq On : 6 Nov 2025 9:56 am
Operator : jeniferw
Sample : IC3738-8 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 06 10:12:47 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775579.D\data.ms

(4) 1,3-butadiene

1.272min (+0.000) 2.25ug/L m

response 2891

Ion	Exp%	Act%
39.00	100	100
53.00	68.60	58.89
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 13:23:06 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	3.613	96	397385	50.00	ug/L		0.00
62) Chlorobenzene-d5	5.576	117	292575	50.00	ug/L		0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	158969	50.00	ug/L		0.00
System Monitoring Compounds							
39) Dibromofluoromethane	3.156	113	122127	49.13	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.26%				
49) 1,2-Dichloroethane-d4	3.454	65	138699	52.95	ug/L		0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 105.90%				
63) Toluene-d8	4.546	98	380310	50.99	ug/L		0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 101.98%				
86) 4-Bromofluorobenzene	6.460	174	119467	50.22	ug/L		0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 100.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.089	85	9937	5.10	ug/L		96
3) Chloromethane	1.211	50	9175	4.16	ug/L		99
4) 1,3-butadiene	1.272	39	7165m	5.75	ug/L		
5) Vinyl Chloride	1.260	62	9395	4.53	ug/L		96
6) Bromomethane	1.455	94	4177	5.96	ug/L		98
7) Chloroethane	1.522	64	2684	5.60	ug/L		96
8) Trichlorofluoromethane	1.601	101	12460	5.74	ug/L		97
9) Ethyl Ether	1.790	59	6951	4.32	ug/L		98
10) Ethanol	1.875	45	6674m	139.29	ug/L		
11) 1,2-Dichlorotrifluoroe...	1.888	67	5976	4.27	ug/L		93
12) 1,1-Dichloroethene	1.894	61	11888	5.09	ug/L		92
13) Freon 113	1.918	101	7259	5.74	ug/L		96
14) Carbon Disulfide	1.912	76	23162	5.58	ug/L		97
15) Iodomethane	1.979	142	4130	5.11	ug/L		97
16) Acrolein	2.077	56	10275	18.96	ug/L		92
17) Allyl chloride	2.150	41	10961	5.26	ug/L		89
18) Methylene Chloride	2.211	49	11038	4.44	ug/L		93
19) Acetone	2.235	43	20075	20.54	ug/L		97
20) Methyl acetate	2.302	43	51822	18.49	ug/L		97
21) trans-1,2-Dichloroethene	2.296	61	11781	5.10	ug/L		92
22) Hexane	2.339	56	5906	4.39	ug/L	#	88
23) Methyl Tert Butyl Ether	2.357	73	25449	5.76	ug/L		96
24) Acetonitrile	2.491	41	21950m	55.33	ug/L		
25) Tert Butyl Alcohol	2.406	59	27259	47.84	ug/L		97
26) Di-isopropyl ether	2.558	45	25552	4.07	ug/L		93
27) Chloroprene	2.650	53	21867	3.32	ug/L		97
28) 1,1-Dichloroethane	2.625	63	14713	4.95	ug/L		98
29) Acrylonitrile	2.650	52	17048	16.84	ug/L		96
30) ETBE	2.753	59	25774	4.62	ug/L		98
31) Vinyl acetate	2.753	43	110101	22.19	ug/L		100
32) cis-1,2-Dichloroethene	2.912	96	8084	5.15	ug/L		87
33) 2,2-Dichloropropane	2.973	77	12769	6.29	ug/L		99
34) Bromochloromethane	3.022	128	4377	5.11	ug/L		95
35) Cyclohexane	3.028	56	13246	4.61	ug/L		95
36) Chloroform	3.058	83	15480	5.76	ug/L		95
37) Ethyl acetate	3.119	43	71114	20.23	ug/L		99
38) Tetrahydrofuran	3.150	42	5471	3.84	ug/L		96
40) Carbon Tetrachloride	3.144	117	11448m	5.48	ug/L		
41) 1,1,1-Trichloroethane	3.180	97	12524	5.50	ug/L		93
42) 2-Butanone	3.223	43	37572	19.52	ug/L		95
43) 1,1-Dichloropropene	3.241	75	10075	5.70	ug/L		92
44) tert-Butyl formate	3.302	59	46983	27.99	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 13:23:06 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.387	54	21893	40.54	ug/L		98
46) Methacrylonitrile	3.400	41	76499	43.20	ug/L		98
47) Benzene	3.381	78	30738	5.44	ug/L		93
48) TAME	3.442	73	24465	5.64	ug/L		95
50) 1,2-Dichloroethane	3.491	62	11430	4.89	ug/L		96
51) Isobutyl Alcohol	3.442	43	7135	100.94	ug/L		92
52) Tert Amyl Alcohol	3.546	59	25556	51.08	ug/L		96
53) Trichloroethene	3.710	95	8330	5.14	ug/L		96
54) Methylcyclohexane	3.710	83	10878	5.46	ug/L		94
55) Dibromomethane	3.954	93	5742	5.04	ug/L		97
56) 1,2-Dichloropropane	4.015	63	8068	4.67	ug/L		93
57) Bromodichloromethane	4.046	83	11526	5.61	ug/L		98
58) Methyl methacrylate	4.131	41	9381	4.39	ug/L		89
59) 1,4-Dioxane	4.174	88	3192	101.92	ug/L		93
60) 2-Chloroethyl vinyl ether	4.387	63	27801	21.36	ug/L		97
61) cis-1,3-Dichloropropene	4.430	75	13242	5.54	ug/L		93
64) Toluene	4.582	91	31053	5.20	ug/L		96
65) 2-Nitropropane	4.722	41	22076	30.47	ug/L		97
66) 4-Methyl-2-pentanone	4.814	43	66763	21.78	ug/L		99
67) trans-1,3-Dichloropropene	4.844	75	13123	5.92	ug/L		97
68) Tetrachloroethene	4.832	166	8473	5.26	ug/L		96
69) Ethyl methacrylate	4.942	69	11590	6.59	ug/L		90
70) 1,1,2-Trichloroethane	4.948	83	6880	5.71	ug/L		97
71) Dibromochloromethane	5.070	129	9045	5.29	ug/L		97
72) 1,3-Dichloropropane	5.131	76	12859	5.30	ug/L		96
73) 1,2-Dibromoethane	5.228	107	8994	5.44	ug/L		96
74) 3,3-Dimethyl-1-Butanol	5.350	57	123789	215.02	ug/L		97
75) 2-hexanone	5.375	43	75299	22.41	ug/L		98
76) 1-Chlorohexane	5.570	91	11625m	6.02	ug/L		
77) Ethylbenzene	5.606	91	35141m	5.53	ug/L		
78) Chlorobenzene	5.588	112	20770	5.19	ug/L		94
79) 1,1,1,2-Tetrachloroethane	5.631	131	7824	5.29	ug/L		91
80) m,p-Xylene	5.710	91	54762	11.29	ug/L		99
81) o-Xylene	6.015	91	27369	5.65	ug/L		99
82) Styrene	6.058	104	20810	5.60	ug/L		97
83) Bromoform	6.070	173	6380	5.15	ug/L		95
84) Isopropylbenzene	6.253	105	34072	5.96	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.503	53	5006	5.71	ug/L		93
88) n-Propylbenzene	6.557	91	38378	5.58	ug/L		99
89) Bromobenzene	6.533	156	8847	5.28	ug/L		97
90) 1,1,2,2-Tetrachloroethane	6.606	83	12705	5.64	ug/L		99
91) 1,3,5-Trimethylbenzene	6.710	105	28298	6.16	ug/L		98
92) 2-Chlorotoluene	6.673	91	21263	5.63	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.746	53	3819	5.22	ug/L	#	83
94) 1,2,3-Trichloropropane	6.710	110	3904	5.32	ug/L		97
95) Cyclohexanone	6.740	55	4089	26.97	ug/L		96
96) 4-Chlorotoluene	6.801	91	24638	5.75	ug/L		95
97) tert-Butylbenzene	6.960	91	15127	6.11	ug/L		98
98) 1,2,4-Trimethylbenzene	7.015	105	27437	5.99	ug/L		99
99) Pentachloroethane	6.972	167	4702	5.19	ug/L		91
100) sec-Butylbenzene	7.100	105	32164	6.04	ug/L		97
101) 4-Isopropyltoluene	7.210	119	27870	6.00	ug/L		100
102) 1,3-Dichlorobenzene	7.259	146	15993	5.30	ug/L		96
103) 1,2,3-Trimethylbenzene	7.350	105	28678	5.83	ug/L		99
104) 1,4-Dichlorobenzene	7.326	146	16039m	5.08	ug/L		
105) n-Butylbenzene	7.533	92	14670	6.05	ug/L		93
106) Benzyl Chloride	7.521	126	5531	6.41	ug/L	#	90
107) 1,2-Dichlorobenzene	7.643	146	15123	5.12	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 13:23:06 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

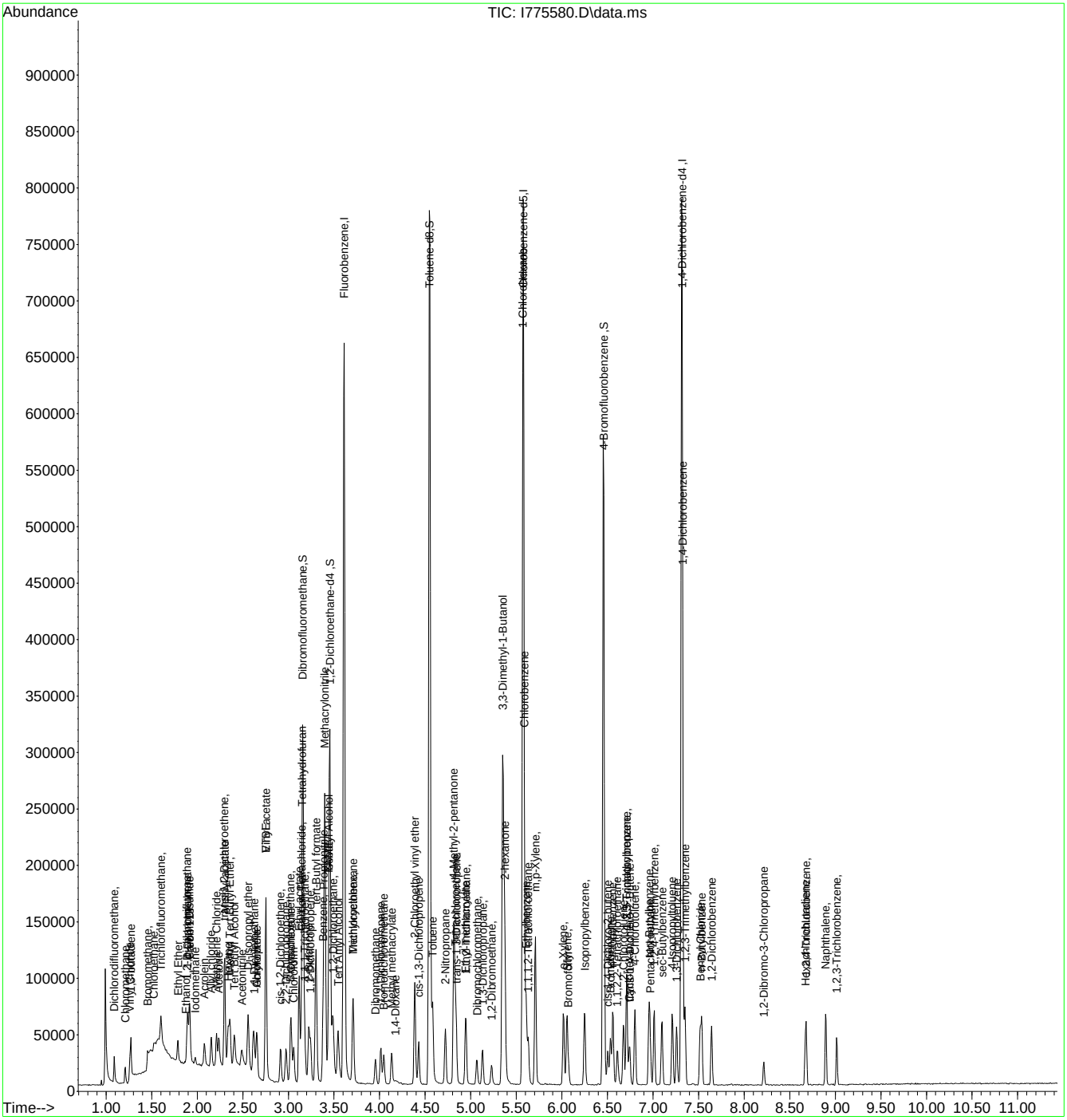
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	3538	5.97	ug/L	89
109) Hexachlorobutadiene	8.673	225	3459	5.65	ug/L	94
110) 1,2,4-Trichlorobenzene	8.679	180	8859	5.36	ug/L	96
111) Naphthalene	8.892	128	32190	5.52	ug/L	100
112) 1,2,3-Trichlorobenzene	9.014	180	8010	5.13	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 13:23:06 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration



Manual Integration Approval Summary

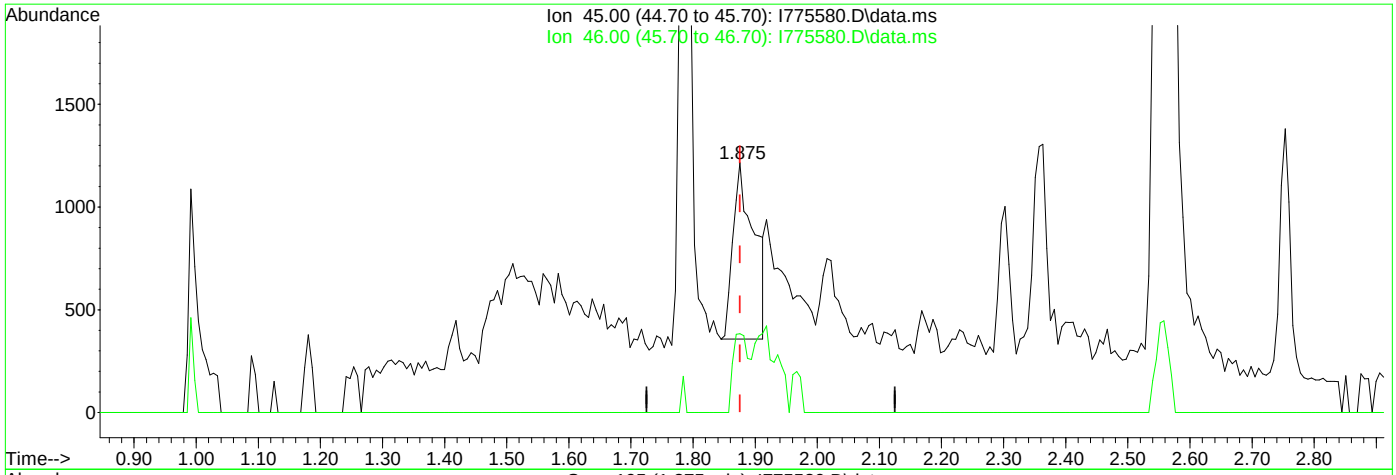
Sample Number: VI3738-IC3738
Lab FileID: I775580.D
Injection Time: 11/06/25 10:12
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

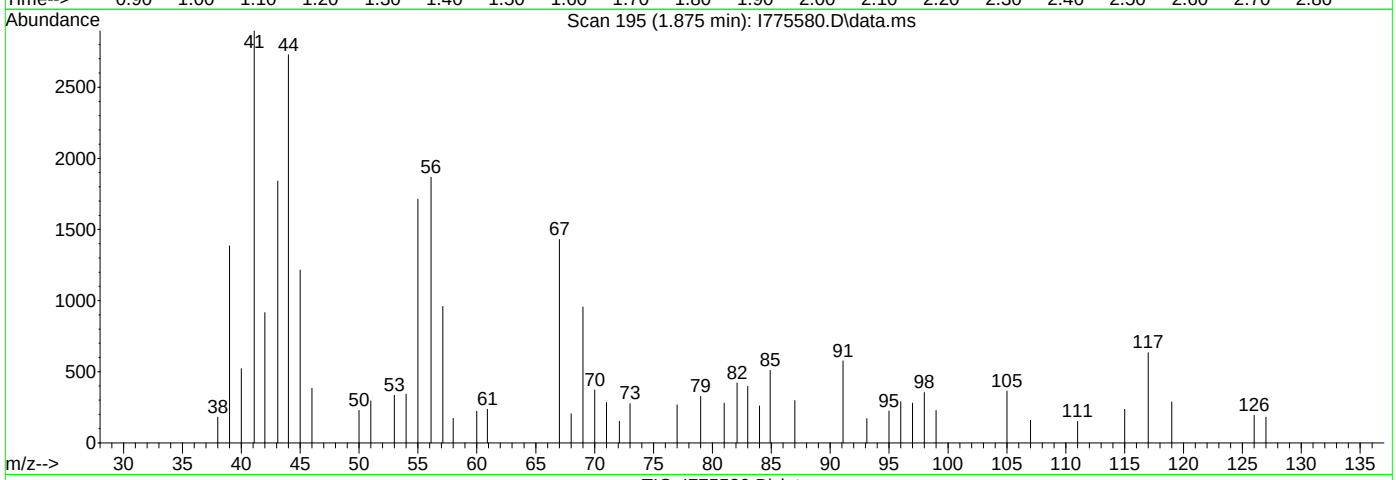
Parameter	CAS	Sig#	R.T. (min.)	Reason
1,3-Butadiene	106-99-0		1.27	Poorly defined baseline
Ethyl Alcohol	64-17-5		1.88	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline
1,4-Dichlorobenzene	106-46-7		7.33	Missed peak

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(10) Ethanol

1.875min (-0.000) 42.16ug/L

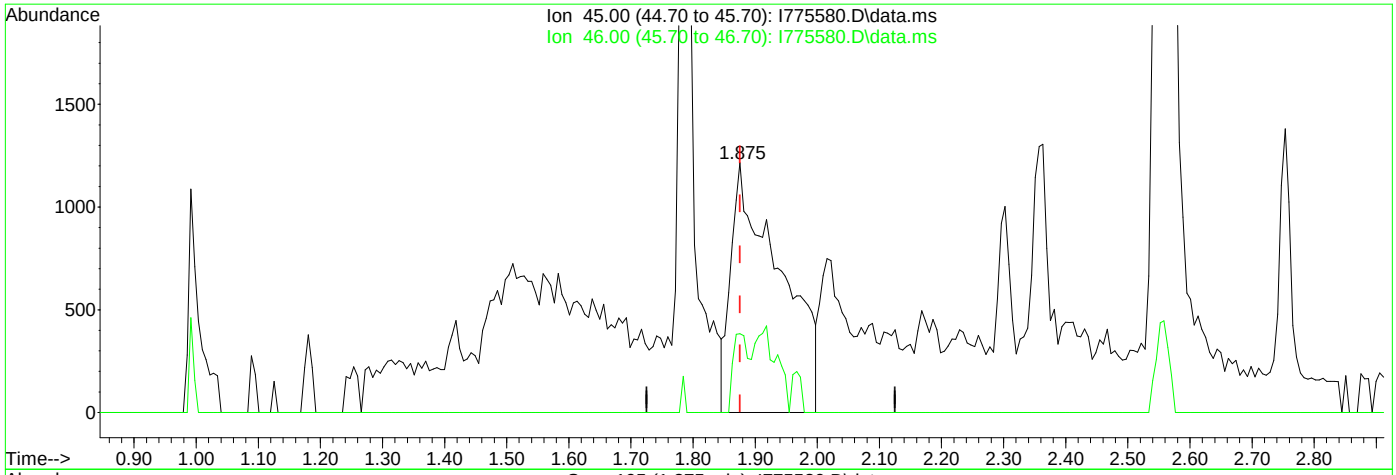
response 2020

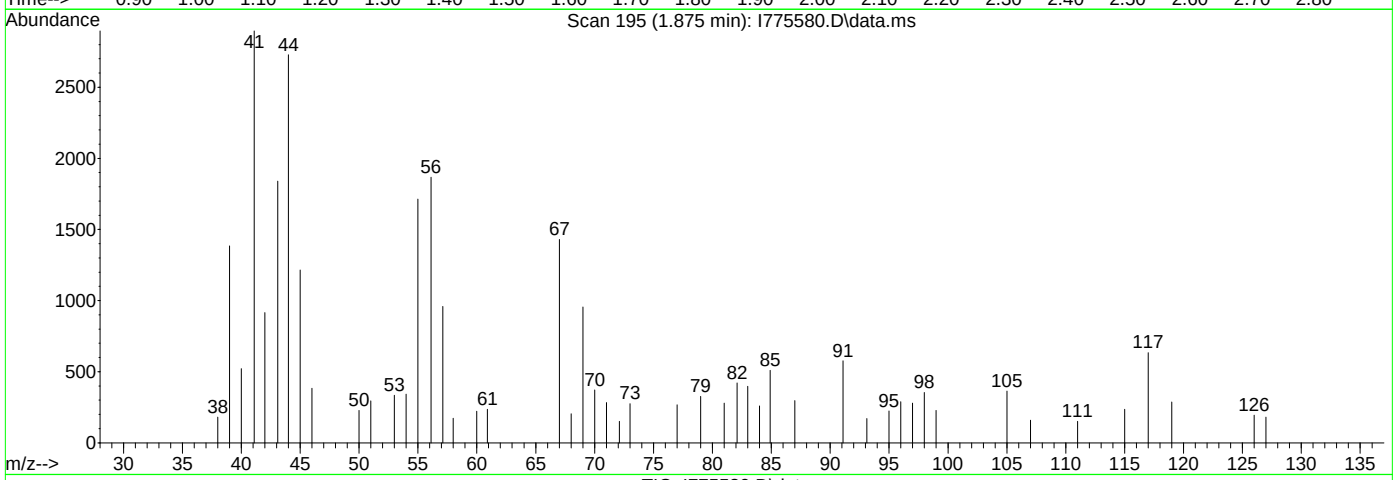
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	44.64
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(10) Ethanol

1.875min (-0.000) 139.29ug/L m

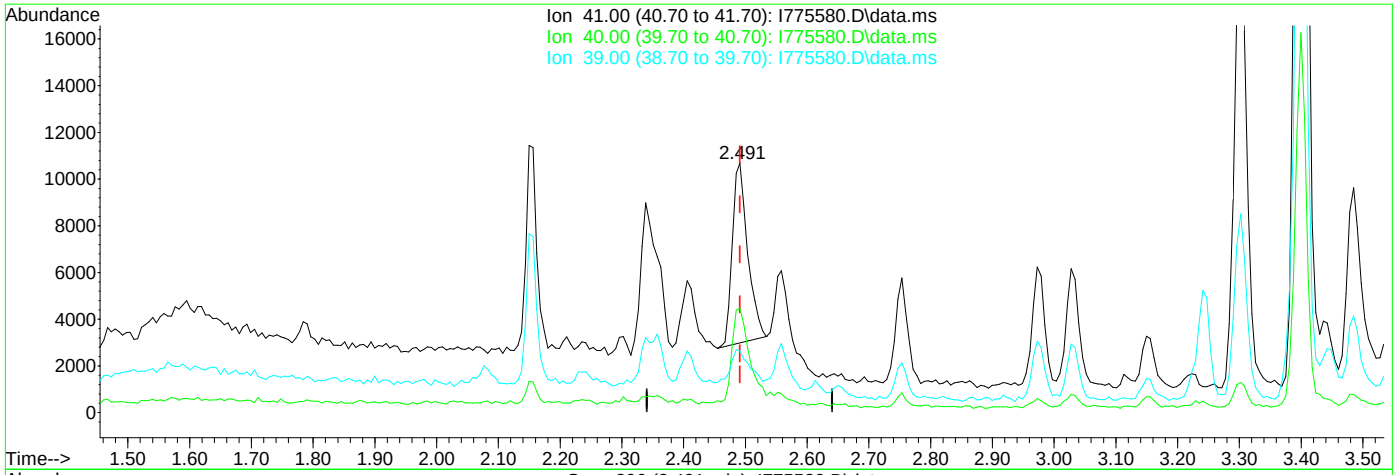
response 6674

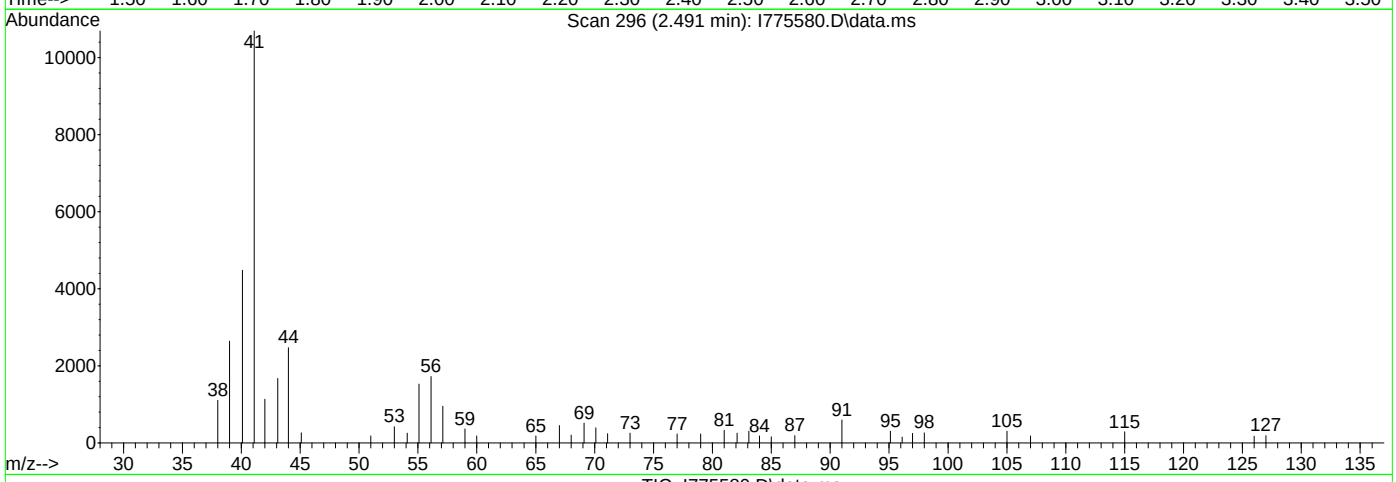
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	31.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 33.52ug/L

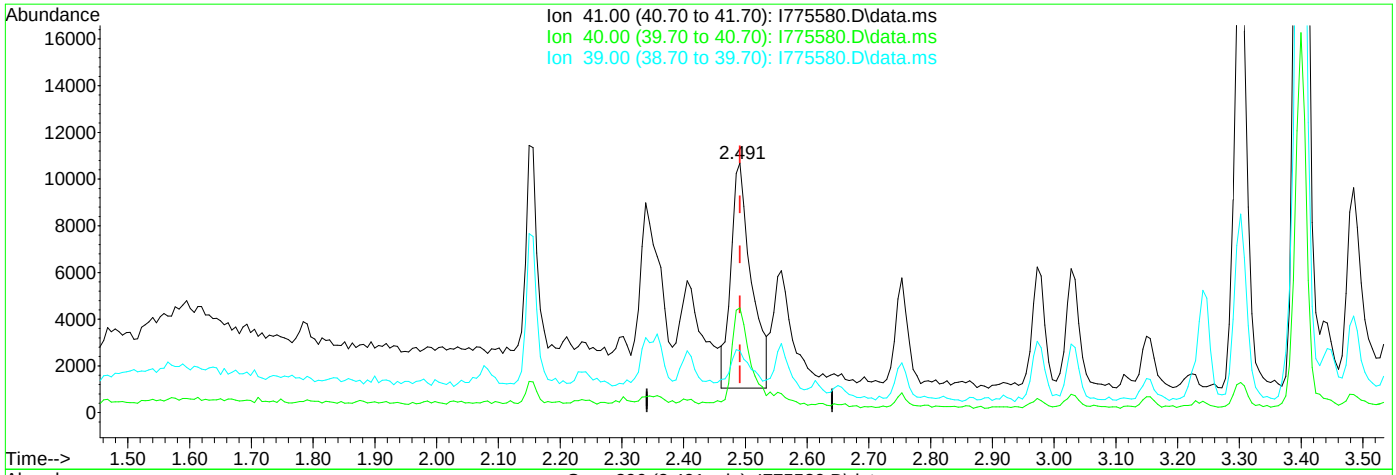
response 13295

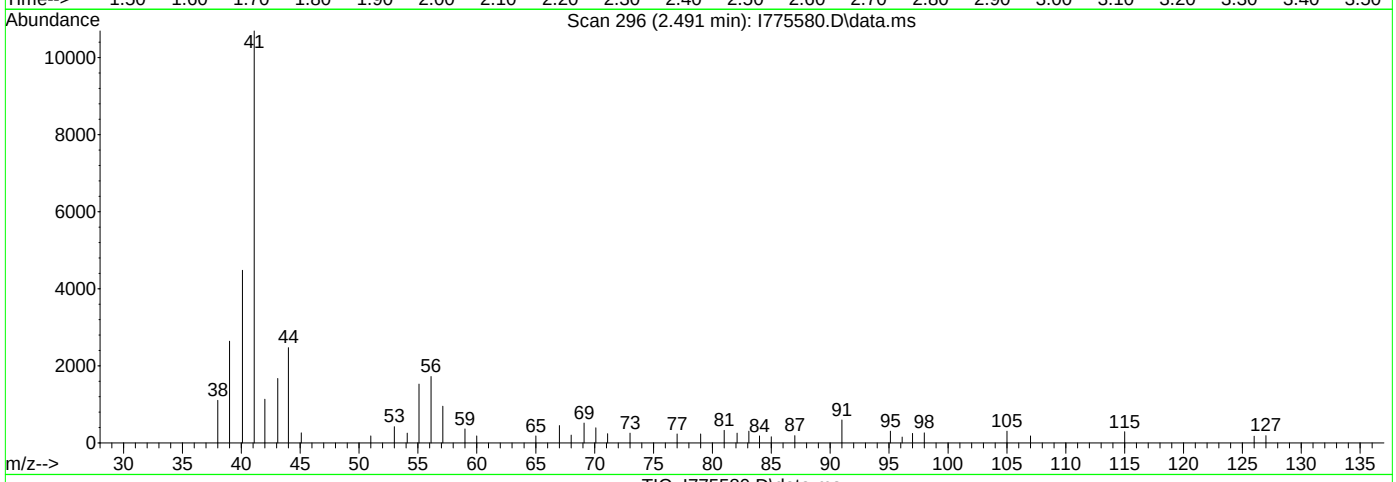
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	49.97
39.00	21.50	17.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(24) Acetonitrile

2.491min (+0.000) 55.33ug/L m

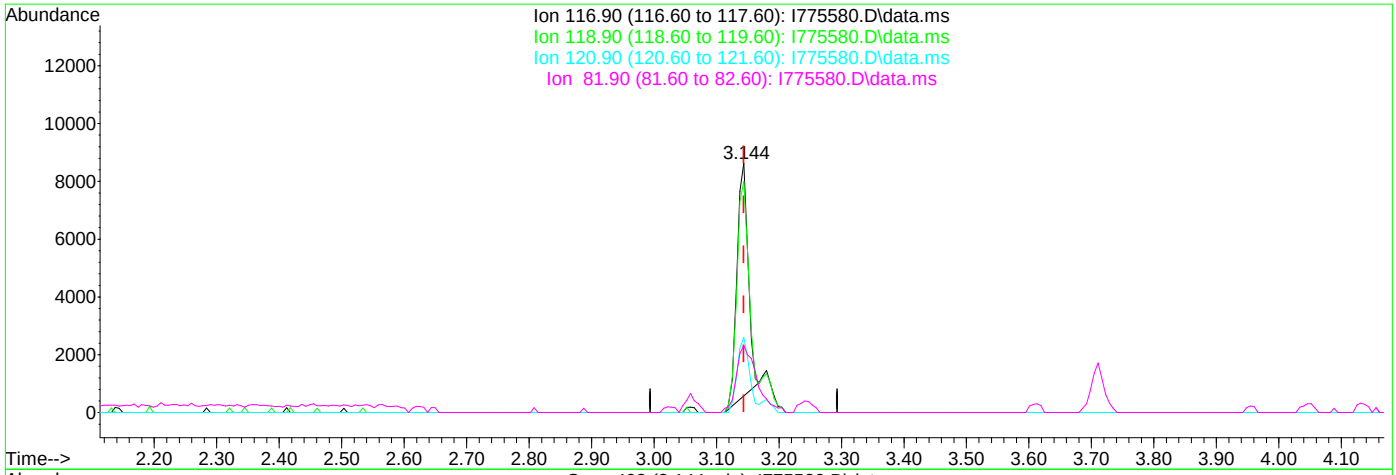
response 21950

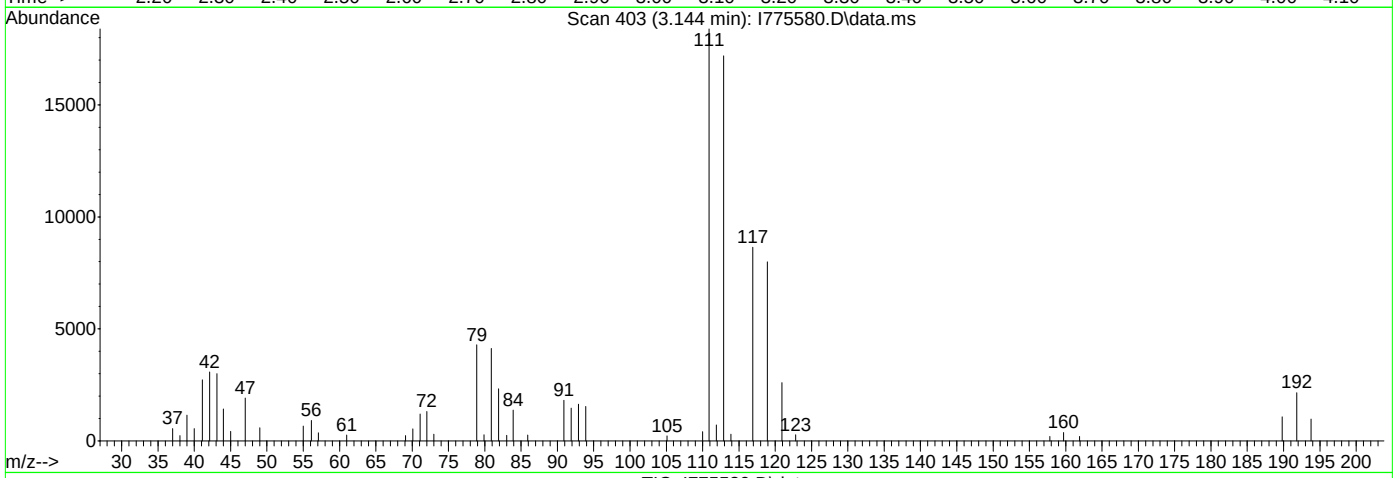
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	41.89
39.00	21.50	24.69
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 4.85ug/L

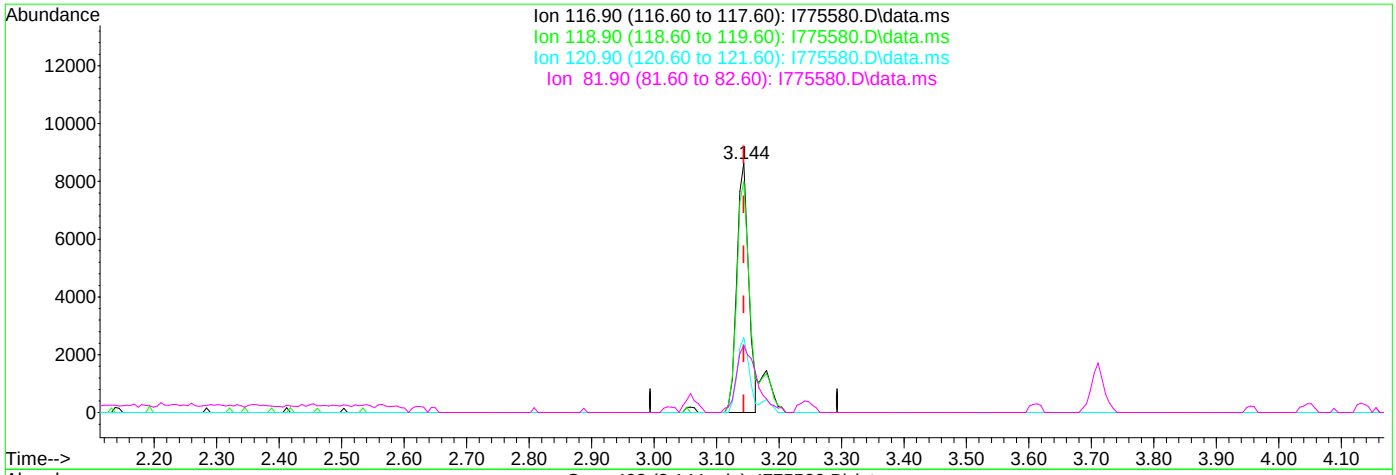
response 10133

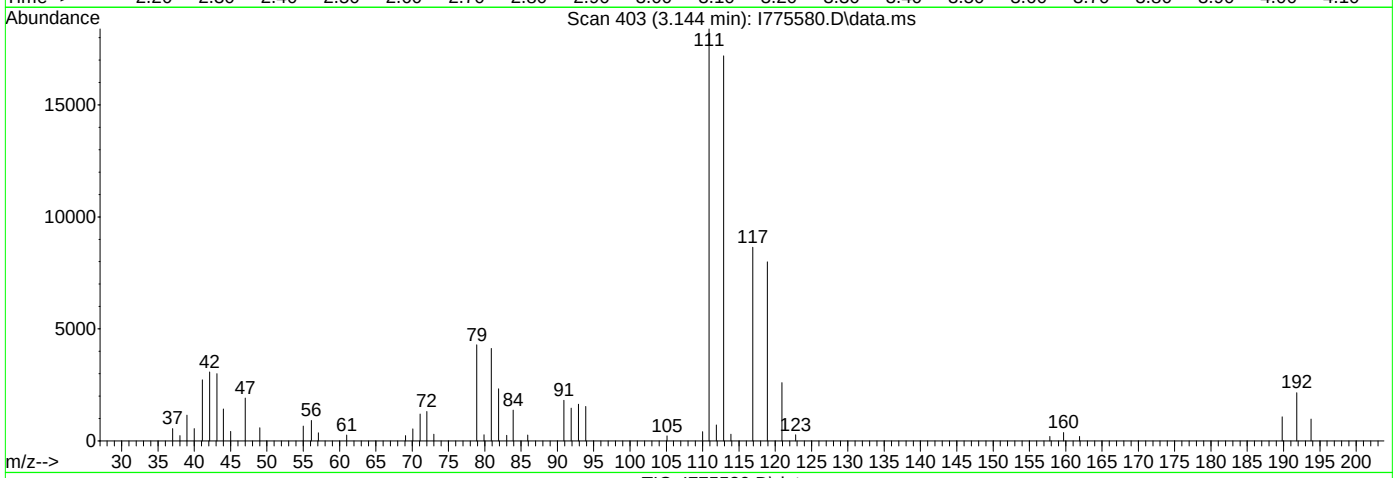
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	92.57
120.90	31.70	30.11
81.90	26.00	25.11

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 5.48ug/L m

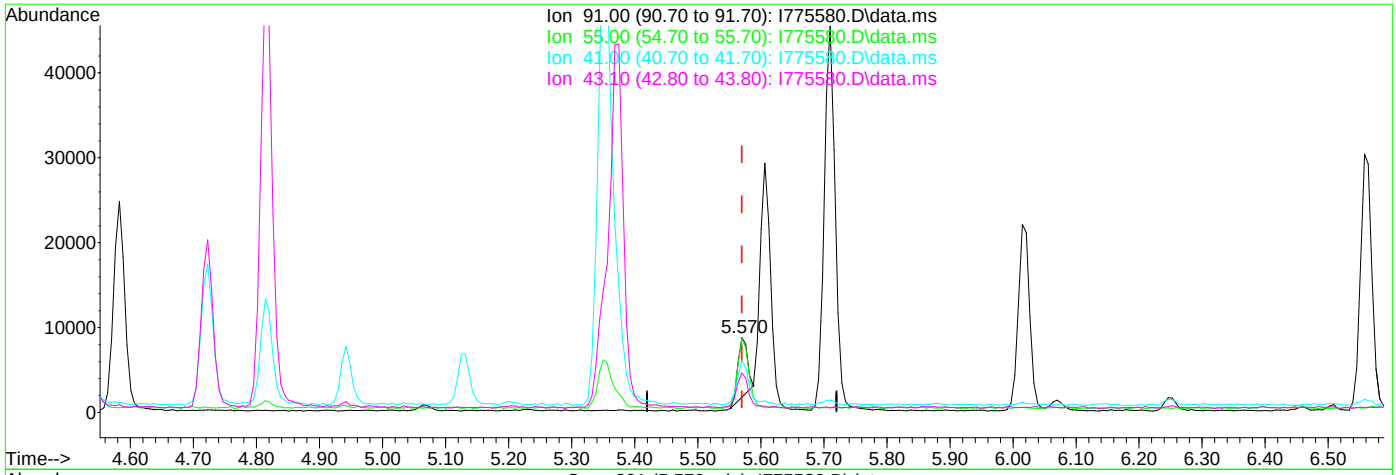
response 11448

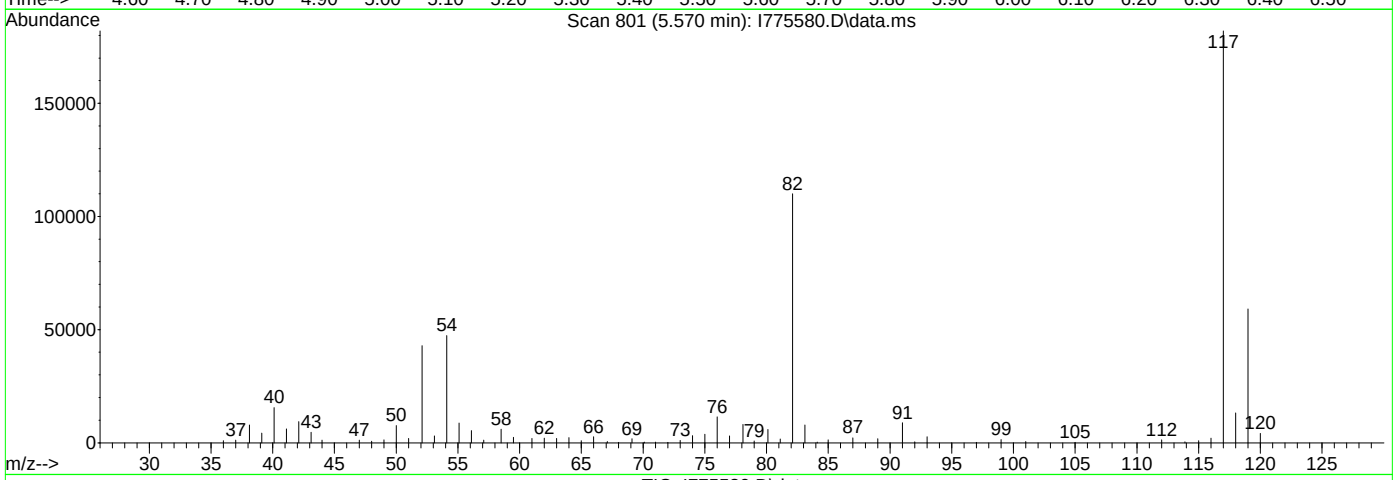
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	92.57
120.90	31.70	30.11
81.90	26.00	26.85

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 4.07ug/L

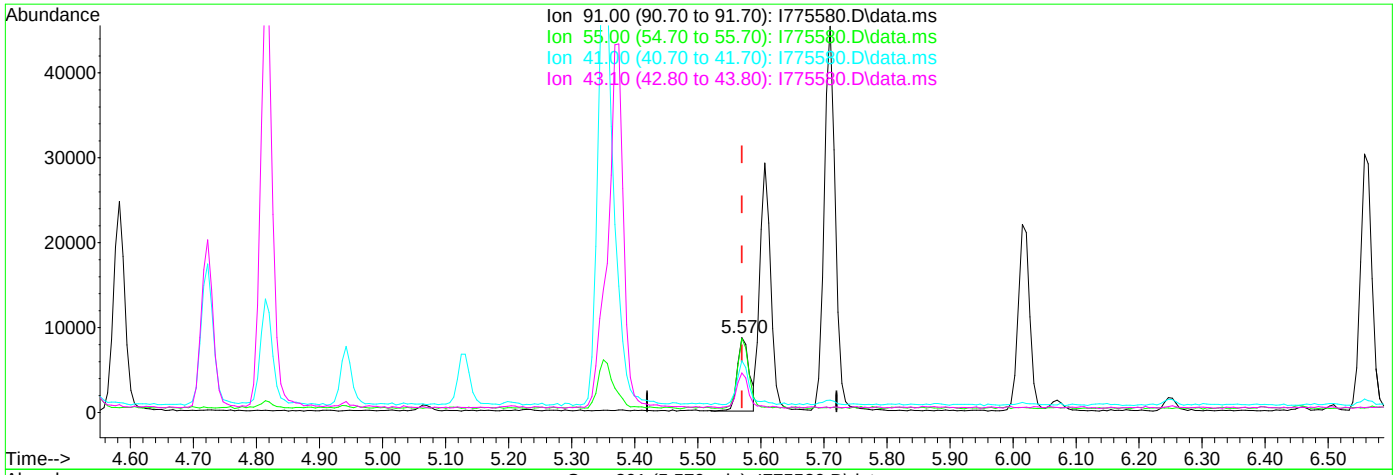
response 7852

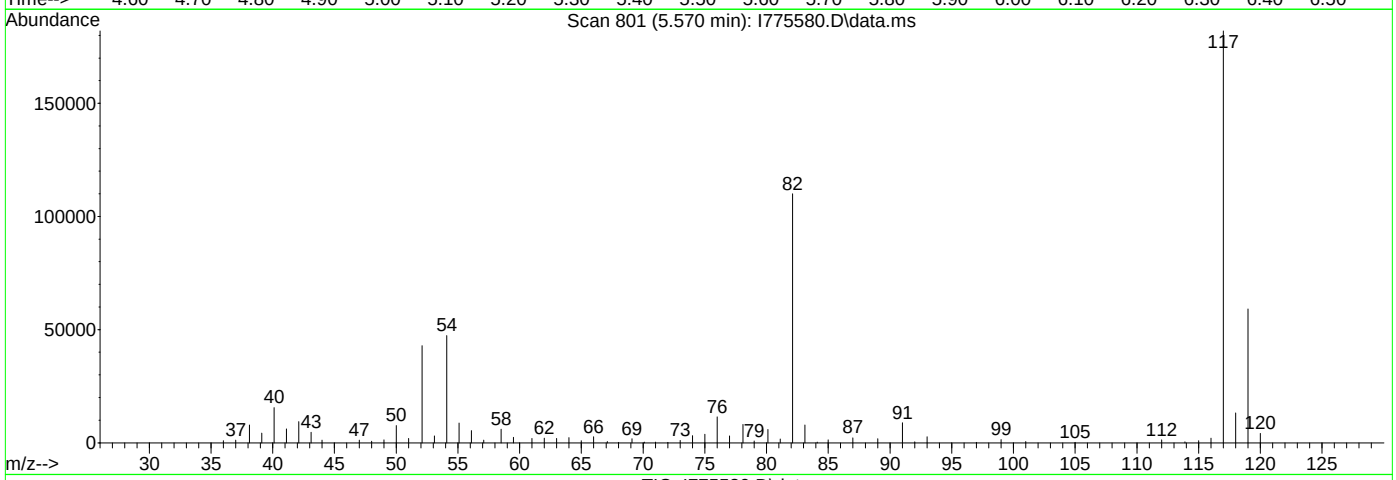
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	94.40#
41.00	47.90	58.17
43.10	37.40	46.30

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 6.02ug/L m

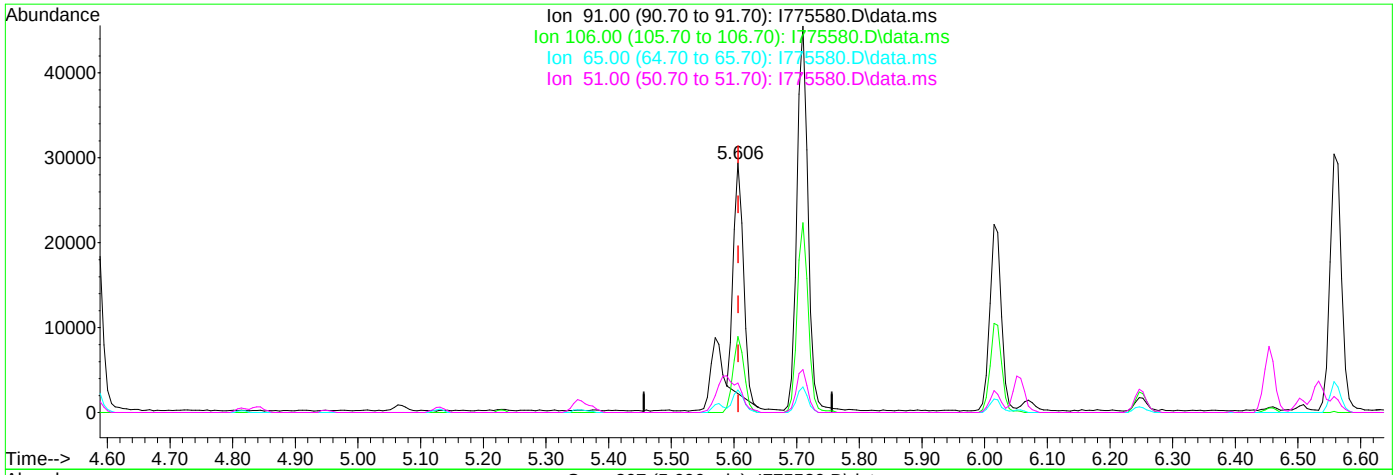
response 11625

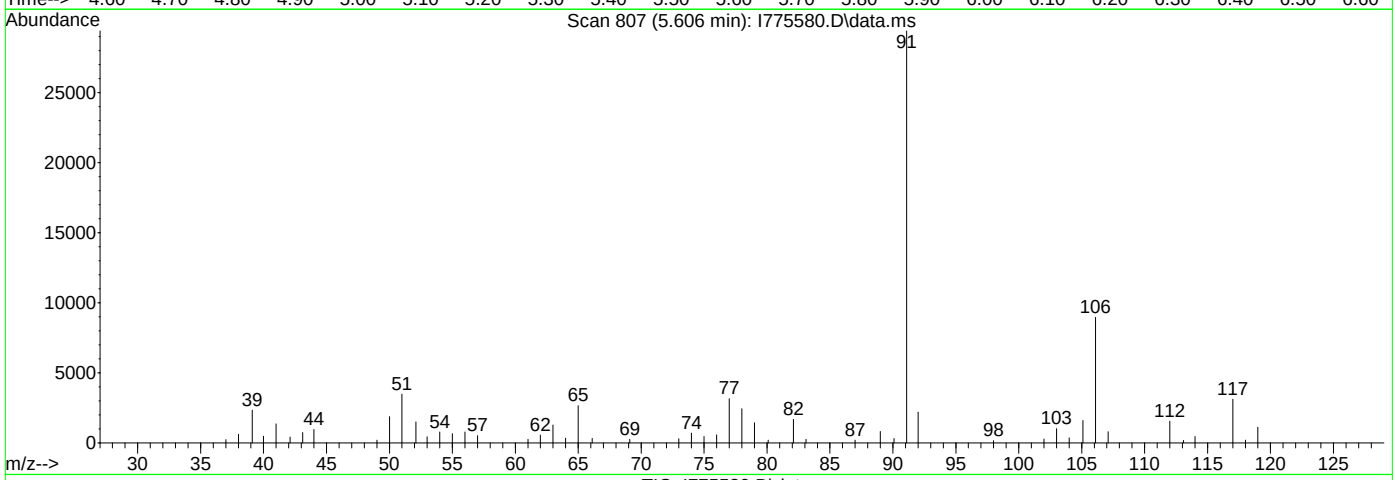
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	98.91#
41.00	47.90	69.44#
43.10	37.40	52.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(77) Ethylbenzene

5.606min (-0.000) 4.66ug/L

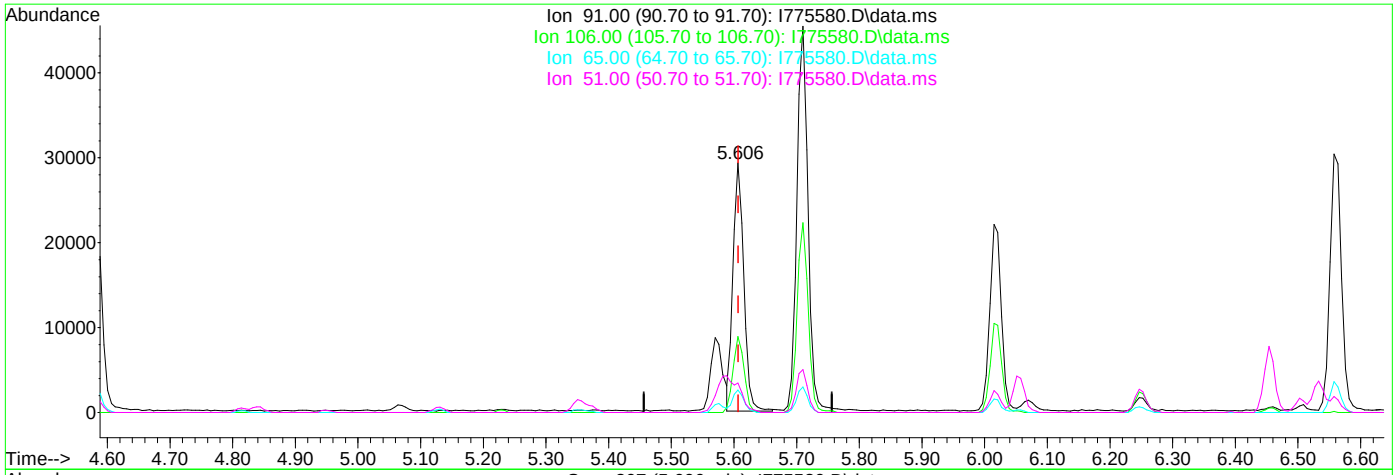
response 29661

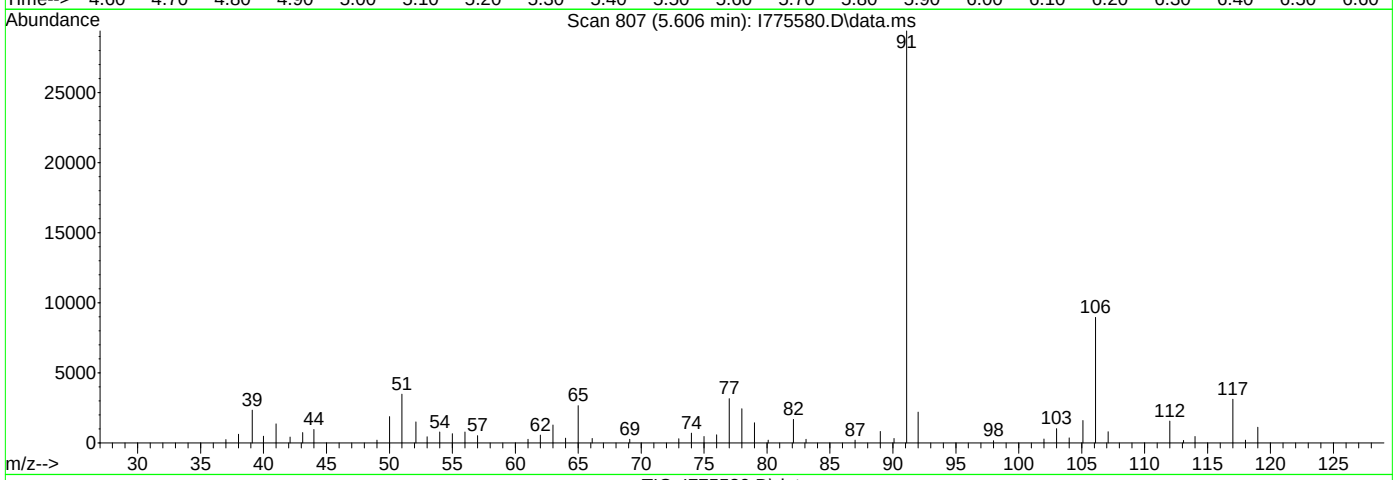
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.19
65.00	8.60	9.24
51.00	10.50	11.28

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(77) Ethylbenzene

5.606min (-0.000) 5.53ug/L m

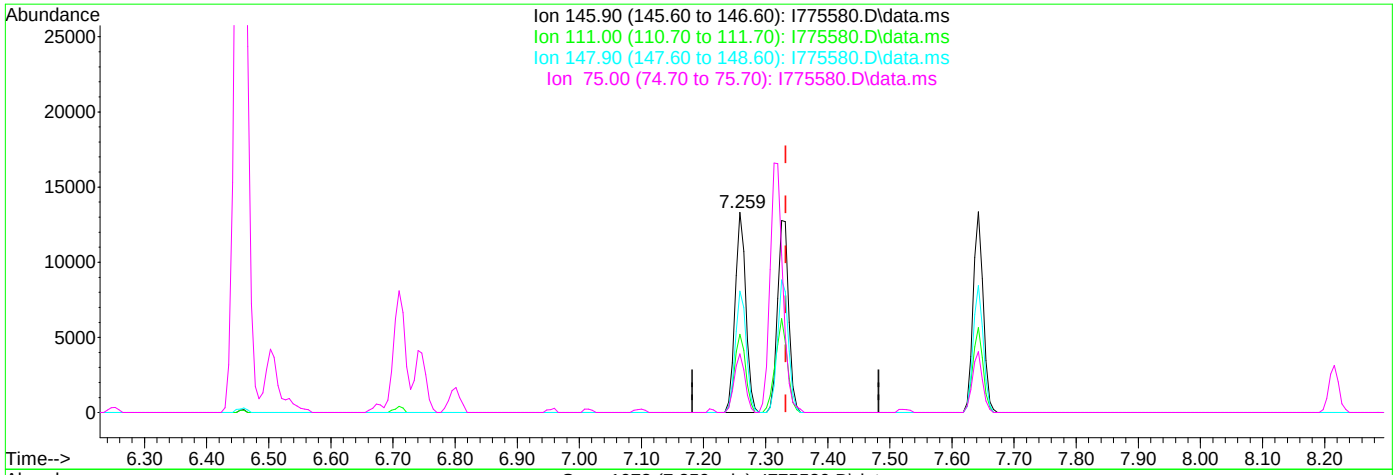
response 35141

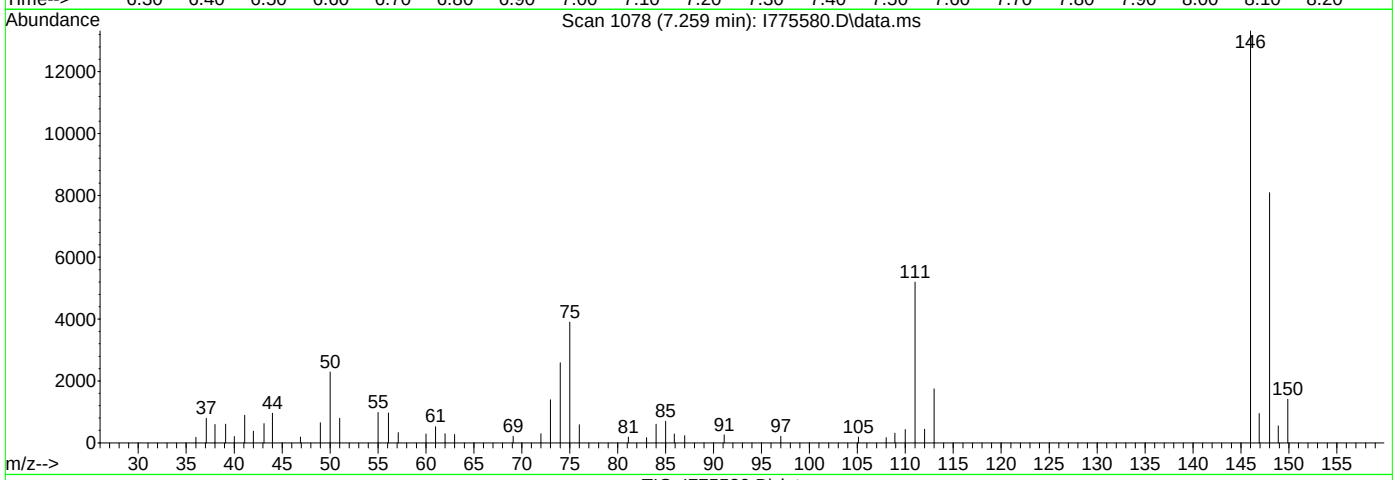
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	30.47
65.00	8.60	9.03
51.00	10.50	11.79

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(104) 1,4-Dichlorobenzene

7.259min (-0.073) 5.06ug/L

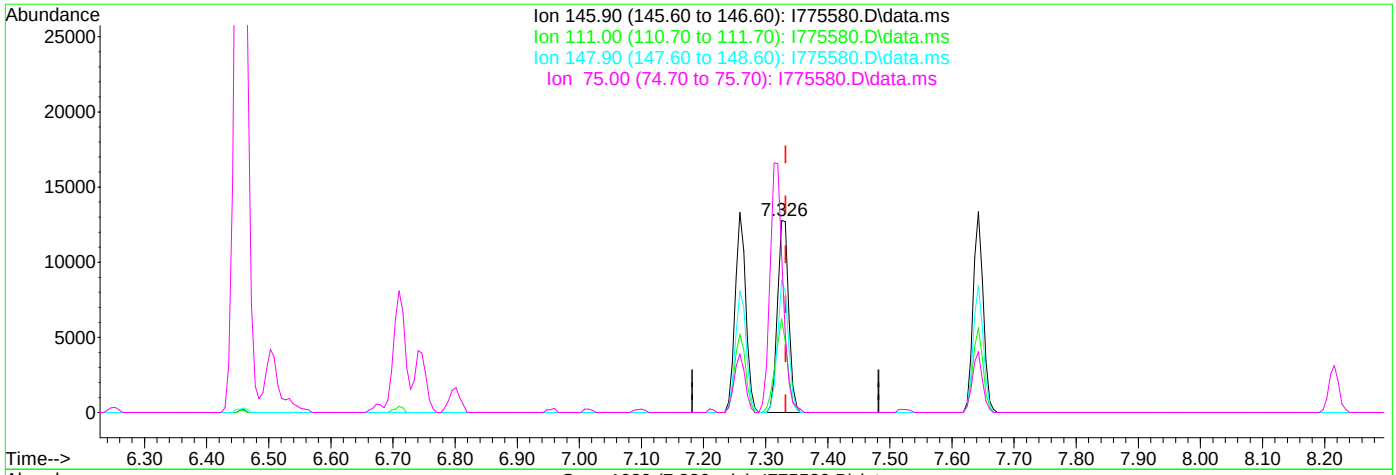
response 15993

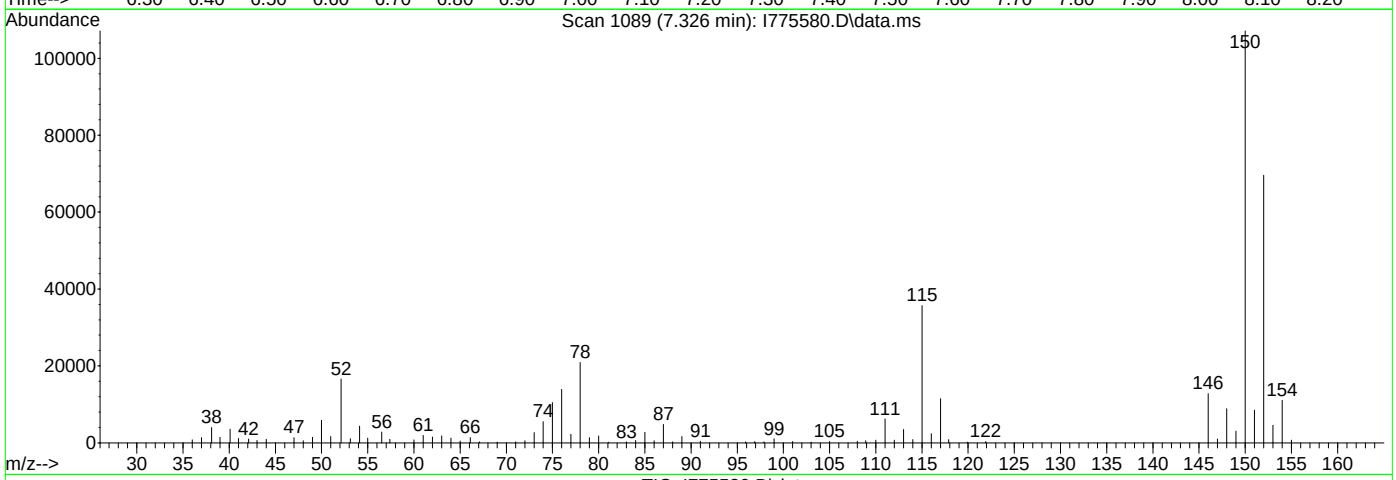
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	39.04
147.90	63.00	60.70
75.00	28.80	29.28

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:44:26 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(104) 1,4-Dichlorobenzene

7.326min (-0.006) 5.08ug/L m

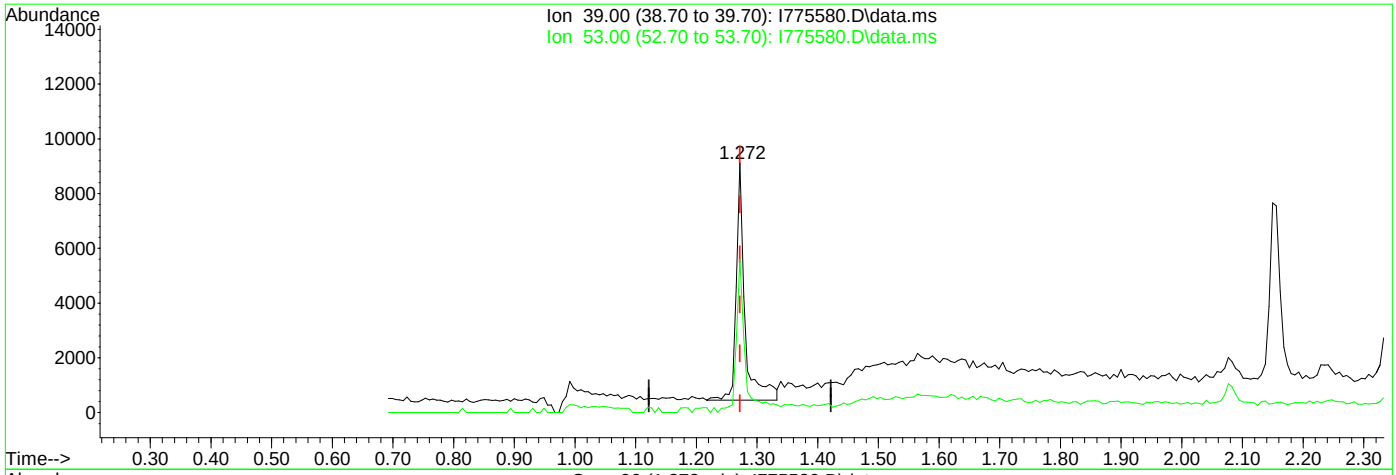
response 16039

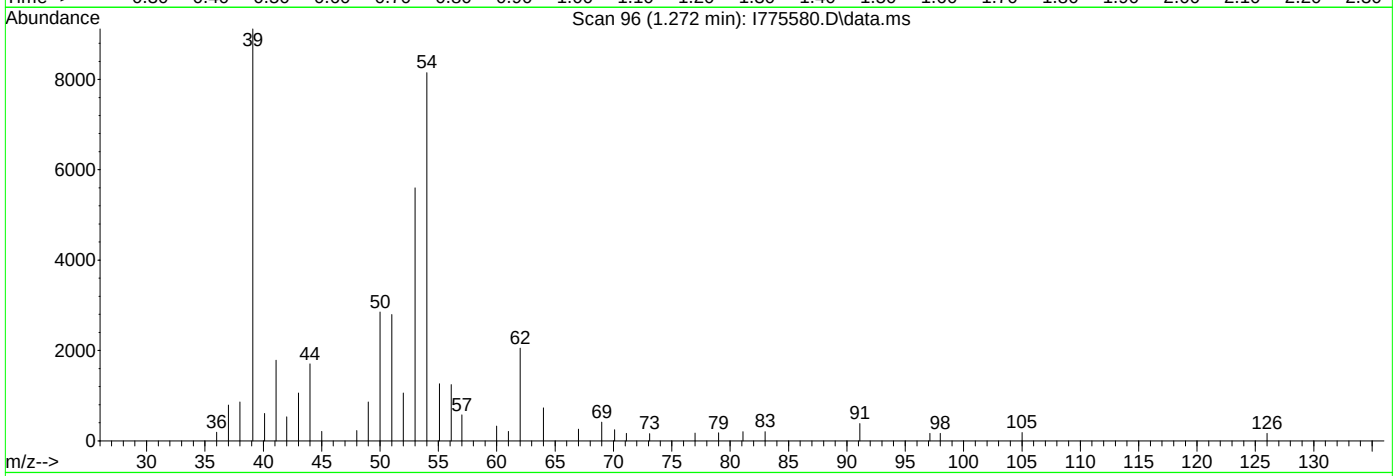
Ion	Exp%	Act%
145.90	100	100
111.00	37.30	48.97
147.90	63.00	69.08
75.00	28.80	82.03#

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:45:30 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(4) 1,3-butadiene

1.272min (-0.000) 6.84ug/L

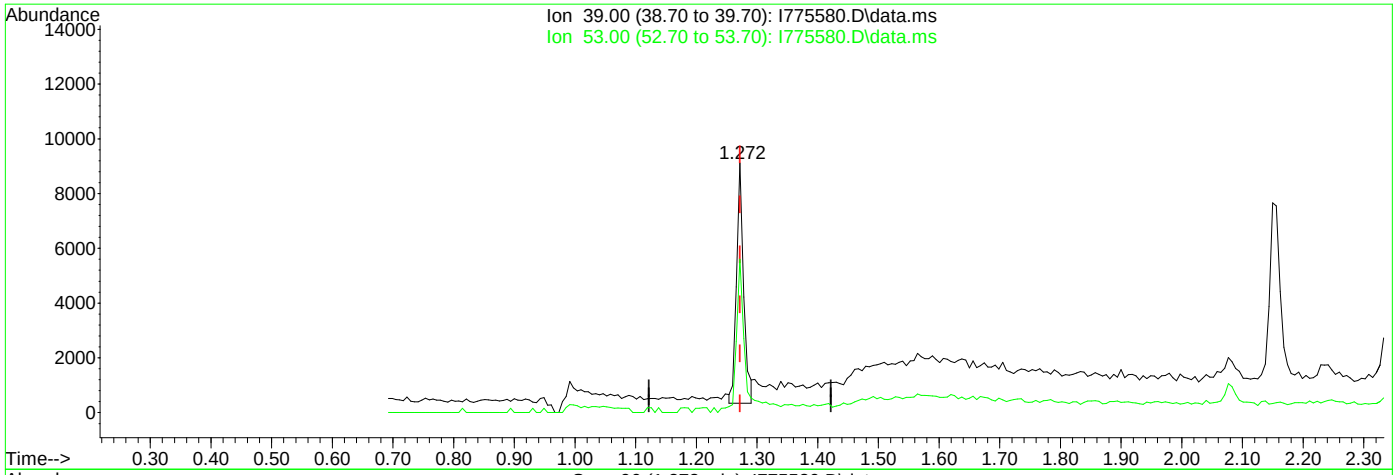
response 8534

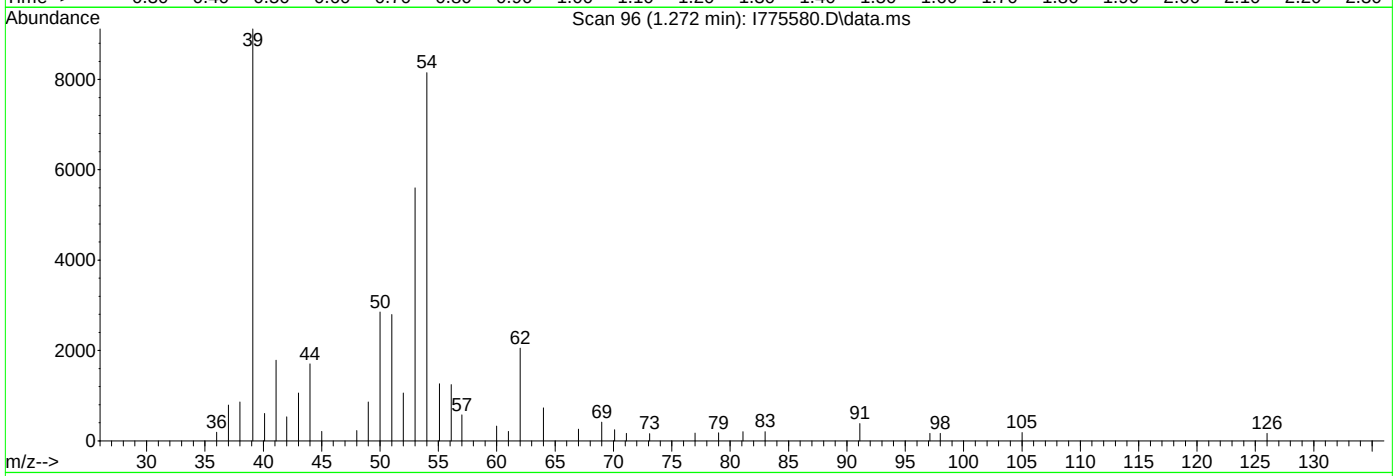
Ion	Exp%	Act%
39.00	100	100
53.00	68.60	62.67
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775580.D
Acq On : 6 Nov 2025 10:12 am
Operator : jeniferw
Sample : IC3738-2 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 06 10:45:30 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775580.D\data.ms

(4) 1,3-butadiene

1.272min (-0.000) 5.75ug/L m

response 7165

Ion	Exp%	Act%
39.00	100	100
53.00	68.60	61.41
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:14:01 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	385859	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	285697	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	157163	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	115320	47.78	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 95.56%			
49) 1,2-Dichloroethane-d4	3.455	65	139049	54.67	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 109.34%			
63) Toluene-d8	4.546	98	374631	51.44	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 102.88%			
86) 4-Bromofluorobenzene	6.460	174	116937	49.72	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	78798	41.64	ug/L	100
3) Chloromethane	1.205	50	62297	29.10	ug/L	98
4) 1,3-butadiene	1.266	39	48754	40.26	ug/L	96
5) Vinyl Chloride	1.260	62	68367	33.93	ug/L	100
6) Bromomethane	1.449	94	27718	40.76	ug/L	99
7) Chloroethane	1.516	64	17015	36.56	ug/L	94
8) Trichlorofluoromethane	1.601	101	89426	42.45	ug/L	99
9) Ethyl Ether	1.784	59	49252	31.49	ug/L	96
10) Ethanol	1.869	45	29863m	641.88	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	40085	29.49	ug/L	98
12) 1,1-Dichloroethene	1.894	61	83959	37.02	ug/L	95
13) Freon 113	1.912	101	54703	44.54	ug/L	97
14) Carbon Disulfide	1.912	76	160291	39.77	ug/L	99
15) Iodomethane	1.973	142	47838	41.79	ug/L	98
16) Acrolein	2.077	56	79920	151.86	ug/L	97
17) Allyl chloride	2.150	41	71028	35.08	ug/L	93
18) Methylene Chloride	2.211	49	70928	29.35	ug/L	97
19) Acetone	2.235	43	143504	151.25	ug/L	99
20) Methyl acetate	2.296	43	393848	144.73	ug/L	97
21) trans-1,2-Dichloroethene	2.296	61	79784	35.54	ug/L	96
22) Hexane	2.339	56	41094	31.42	ug/L	95
23) Methyl Tert Butyl Ether	2.357	73	184287	42.96	ug/L	96
24) Acetonitrile	2.485	41	118396m	307.38	ug/L	
25) Tert Butyl Alcohol	2.406	59	207862	375.67	ug/L	97
26) Di-isopropyl ether	2.558	45	185775	30.47	ug/L	99
27) Chloroprene	2.650	53	169025	26.41	ug/L	98
28) 1,1-Dichloroethane	2.625	63	100696	34.89	ug/L	98
29) Acrylonitrile	2.650	52	125290	127.47	ug/L	98
30) ETBE	2.753	59	188522	34.78	ug/L	97
31) Vinyl acetate	2.753	43	830679	172.45	ug/L	99
32) cis-1,2-Dichloroethene	2.912	96	55643	36.53	ug/L	88
33) 2,2-Dichloropropane	2.973	77	84232	42.74	ug/L	99
34) Bromochloromethane	3.022	128	30312	36.43	ug/L	96
35) Cyclohexane	3.028	56	91337	32.73	ug/L	95
36) Chloroform	3.058	83	102093	39.14	ug/L	99
37) Ethyl acetate	3.119	43	552473	161.88	ug/L	99
38) Tetrahydrofuran	3.150	42	41660	30.12	ug/L	93
40) Carbon Tetrachloride	3.144	117	83428m	41.14	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	87791	39.71	ug/L	97
42) 2-Butanone	3.223	43	287973	154.08	ug/L	95
43) 1,1-Dichloropropene	3.241	75	69864	40.71	ug/L	89
44) tert-Butyl formate	3.302	59	360992	221.51	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:14:01 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.387	54	157135	299.66	ug/L		98
46)	Methacrylonitrile	3.400	41	568561	330.64	ug/L		99
47)	Benzene	3.381	78	210025	38.26	ug/L		92
48)	TAME	3.442	73	179308	42.54	ug/L		94
50)	1,2-Dichloroethane	3.491	62	84771	37.34	ug/L		99
51)	Isobutyl Alcohol	3.436	43	53440	778.59	ug/L		92
52)	Tert Amyl Alcohol	3.546	59	193281	397.87	ug/L		95
53)	Trichloroethene	3.711	95	58046	36.88	ug/L		94
54)	Methylcyclohexane	3.711	83	83892	43.34	ug/L		94
55)	Dibromomethane	3.954	93	41440	37.46	ug/L		96
56)	1,2-Dichloropropane	4.015	63	57335	34.20	ug/L		96
57)	Bromodichloromethane	4.046	83	80291	40.25	ug/L		97
58)	Methyl methacrylate	4.131	41	69528	33.54	ug/L		87
59)	1,4-Dioxane	4.168	88	27939	918.70	ug/L		93
60)	2-Chloroethyl vinyl ether	4.387	63	214024	169.35	ug/L		98
61)	cis-1,3-Dichloropropene	4.430	75	96917	41.75	ug/L		95
64)	Toluene	4.582	91	218677	37.48	ug/L		99
65)	2-Nitropropane	4.723	41	167303	236.49	ug/L		98
66)	4-Methyl-2-pentanone	4.814	43	504427	168.55	ug/L		98
67)	trans-1,3-Dichloropropene	4.838	75	93975	43.42	ug/L		95
68)	Tetrachloroethene	4.832	166	60746	38.65	ug/L		98
69)	Ethyl methacrylate	4.942	69	85023	49.49	ug/L		92
70)	1,1,2-Trichloroethane	4.948	83	45883	38.99	ug/L		96
71)	Dibromochloromethane	5.070	129	67264	40.31	ug/L		99
72)	1,3-Dichloropropane	5.131	76	93043	39.29	ug/L		94
73)	1,2-Dibromoethane	5.229	107	64042	39.64	ug/L		100
74)	3,3-Dimethyl-1-Butanol	5.357	57	1002206	1782.73	ug/L		95
75)	2-hexanone	5.369	43	576516	175.74	ug/L	#	73
76)	1-Chlorohexane	5.570	91	75572m	40.08	ug/L		
77)	Ethylbenzene	5.607	91	241912m	38.95	ug/L		
78)	Chlorobenzene	5.588	112	146183	37.41	ug/L		97
79)	1,1,1,2-Tetrachloroethane	5.631	131	57196	39.62	ug/L		96
80)	m,p-Xylene	5.710	91	384455	81.15	ug/L		98
81)	o-Xylene	6.015	91	190649	40.32	ug/L		99
82)	Styrene	6.058	104	150265	41.40	ug/L		99
83)	Bromoform	6.070	173	49725	41.10	ug/L		97
84)	Isopropylbenzene	6.247	105	235606	42.23	ug/L		98
87)	cis-1,4-Dichloro-2-butene	6.503	53	35597	41.05	ug/L		98
88)	n-Propylbenzene	6.558	91	269240	39.60	ug/L		100
89)	Bromobenzene	6.533	156	62957	38.00	ug/L		94
90)	1,1,2,2-Tetrachloroethane	6.606	83	86605	38.92	ug/L		98
91)	1,3,5-Trimethylbenzene	6.710	105	196288	43.20	ug/L		98
92)	2-Chlorotoluene	6.673	91	151260	40.54	ug/L		98
93)	trans-1,4-Dichloro-2-B...	6.747	53	27111	37.51	ug/L		90
94)	1,2,3-Trichloropropane	6.710	110	28604	39.43	ug/L		98
95)	Cyclohexanone	6.740	55	30428	202.98	ug/L		97
96)	4-Chlorotoluene	6.801	91	171312	40.47	ug/L		98
97)	tert-Butylbenzene	6.954	91	104799	42.84	ug/L		94
98)	1,2,4-Trimethylbenzene	7.015	105	194255	42.87	ug/L		100
99)	Pentachloroethane	6.972	167	35247	39.38	ug/L		95
100)	sec-Butylbenzene	7.100	105	223414	42.44	ug/L		98
101)	4-Isopropyltoluene	7.216	119	192533	41.94	ug/L		98
102)	1,3-Dichlorobenzene	7.259	146	112828	37.84	ug/L		98
103)	1,2,3-Trimethylbenzene	7.350	105	201832	41.48	ug/L		100
104)	1,4-Dichlorobenzene	7.326	146	114628	36.69	ug/L		92
105)	n-Butylbenzene	7.533	92	101349	42.24	ug/L		91
106)	Benzyl Chloride	7.515	126	39950	46.82	ug/L		96
107)	1,2-Dichlorobenzene	7.643	146	109357	37.42	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:14:01 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration

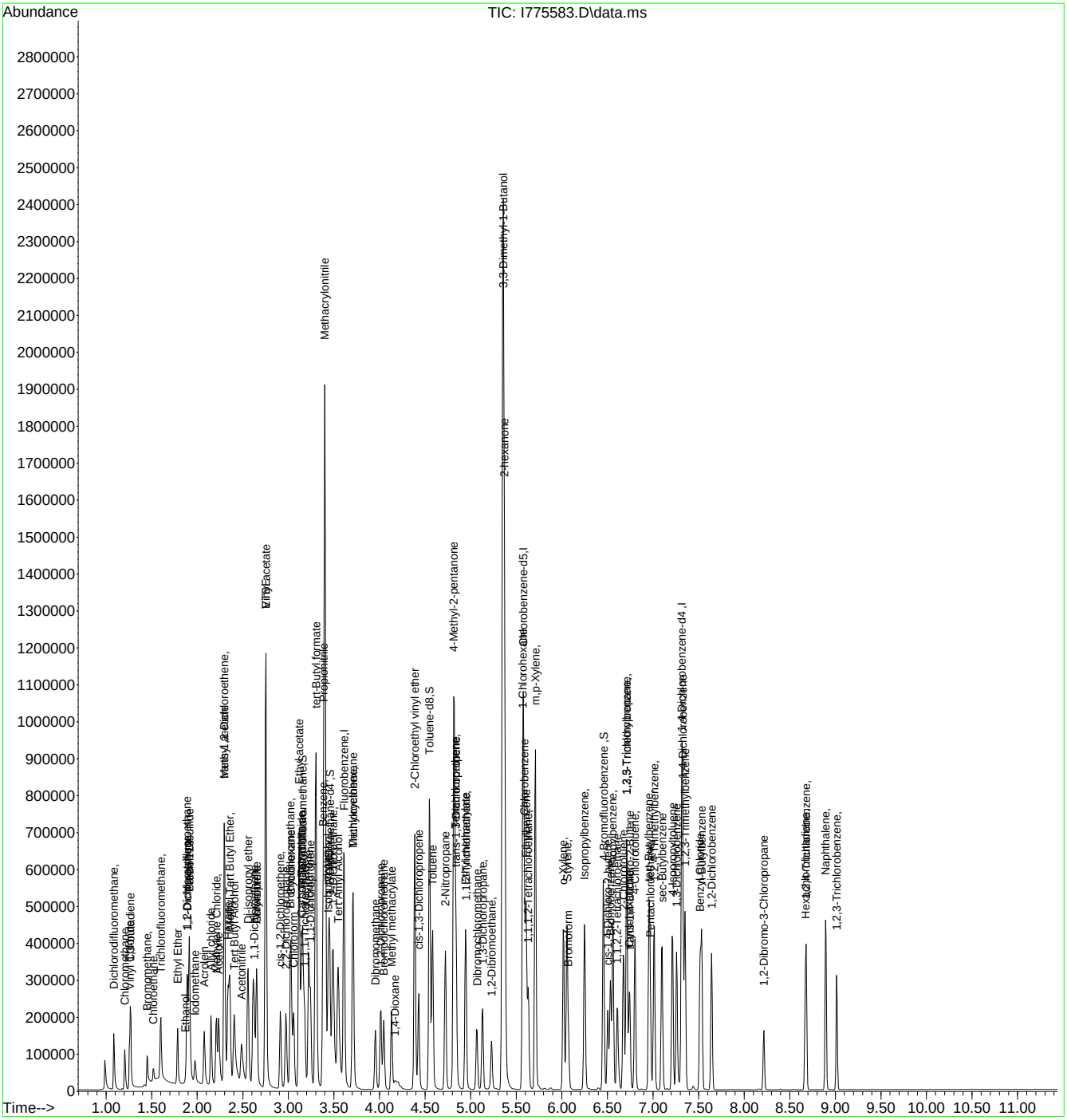
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	26401	45.05	ug/L	94
109) Hexachlorobutadiene	8.673	225	22796	37.68	ug/L	94
110) 1,2,4-Trichlorobenzene	8.679	180	62754	38.43	ug/L	97
111) Naphthalene	8.893	128	239257	41.48	ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	59227	38.38	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:14:01 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration



Manual Integration Approval Summary

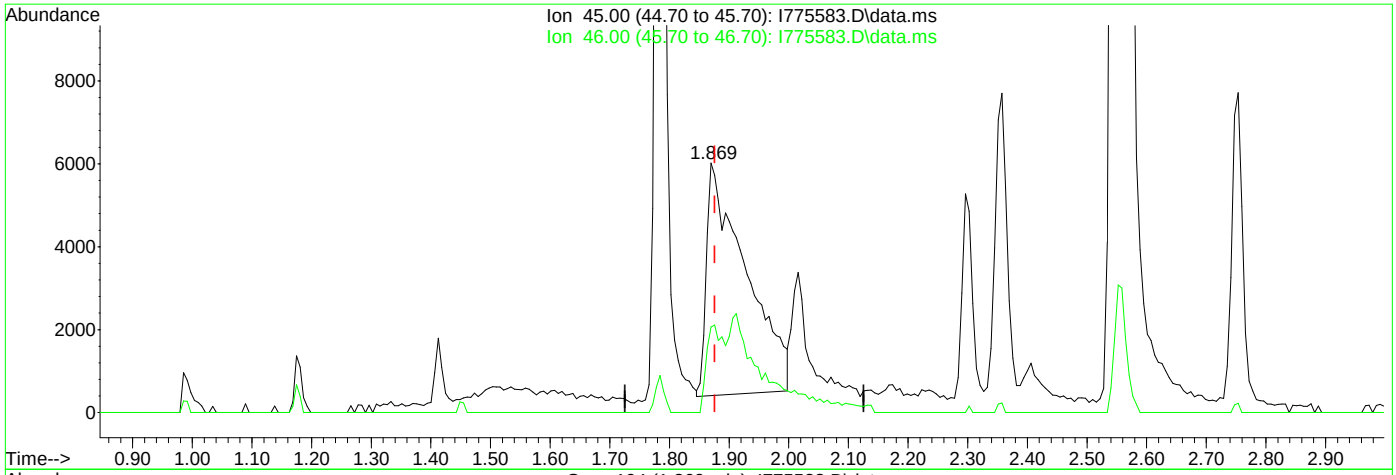
Sample Number: VI3738-ICC3738 **Method:** SW846 8260D
Lab FileID: I775583.D **Analyst approved:** 11/06/25 14:56 Jenifer Willis
Injection Time: 11/06/25 11:00 **Supervisor approved:** 11/06/25 15:09 Karen Watson

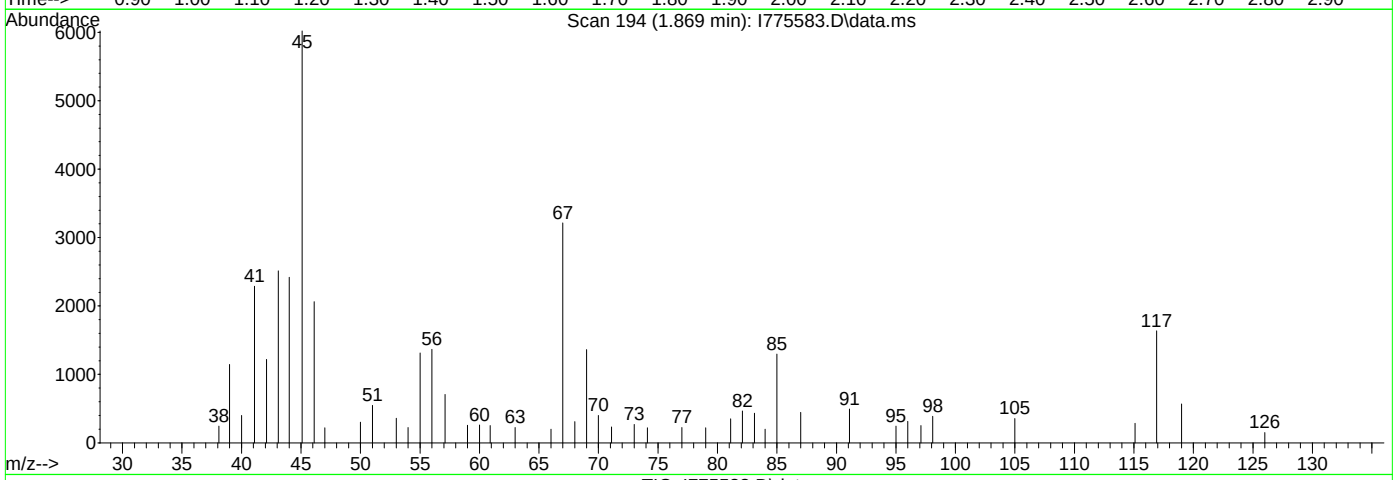
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.87	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(10) Ethanol

1.869min (-0.006) 552.06ug/L

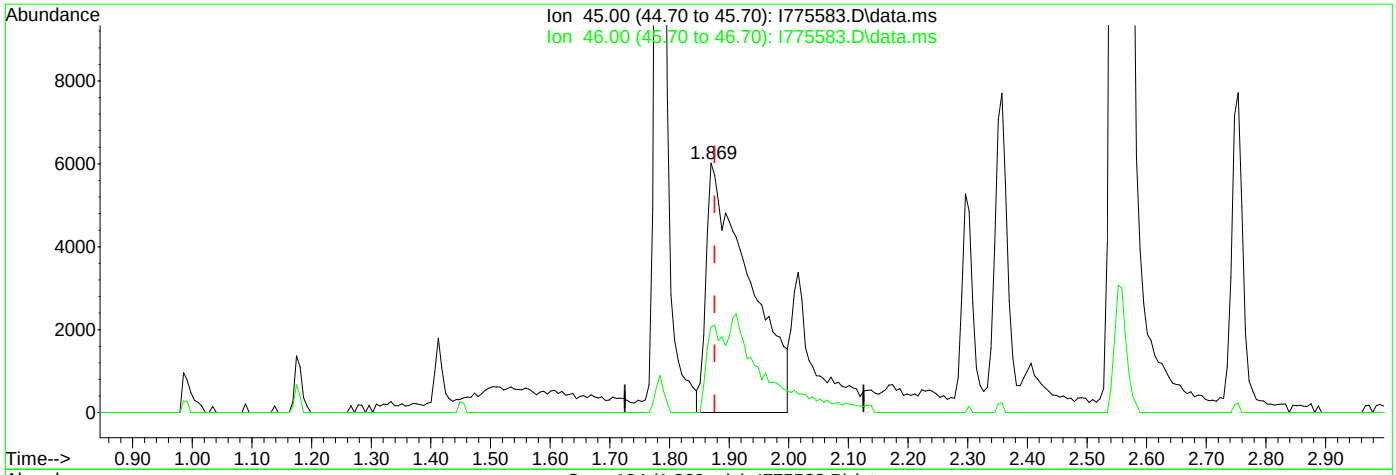
response 25684

Ion	Exp%	Act%
45.00	100	100
46.00	39.30	37.53
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration



TIC: I775583.D\data.ms

(10) Ethanol

1.869min (-0.006) 641.88ug/L m

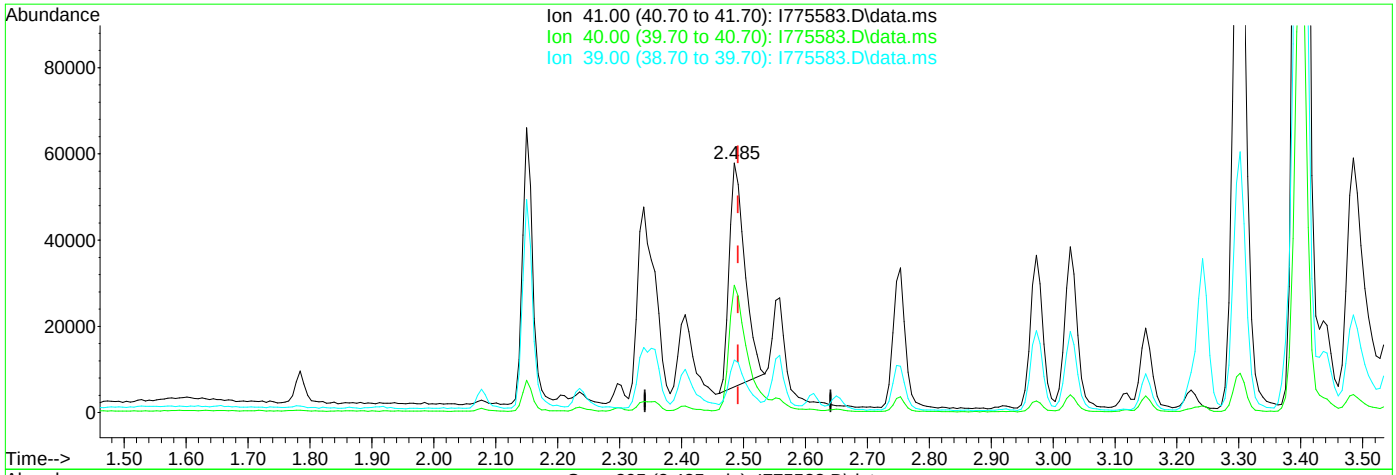
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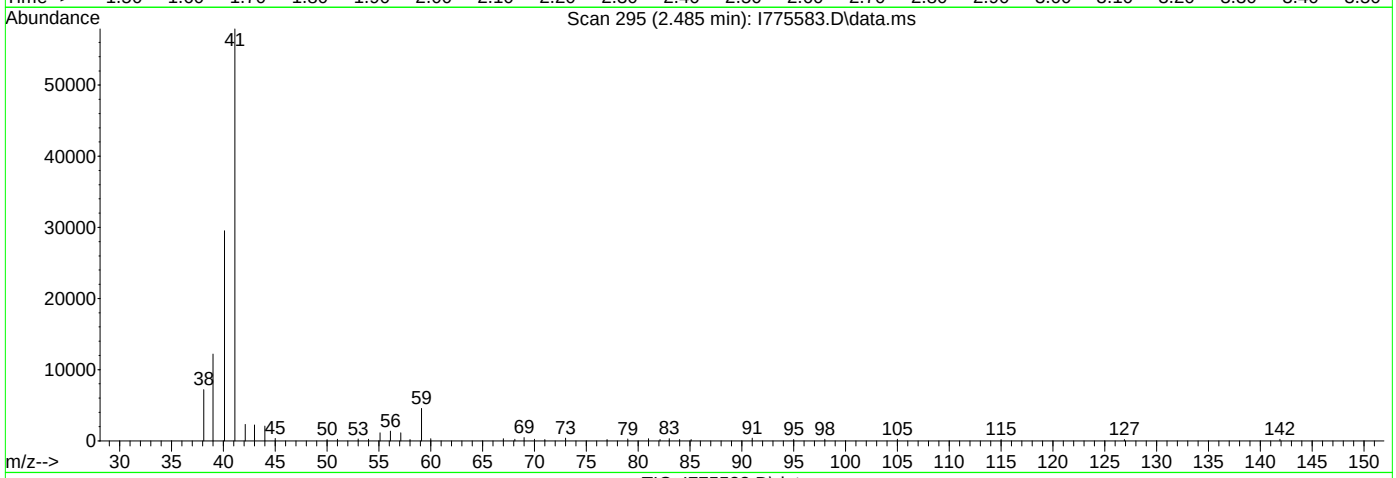
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	34.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 237.24ug/L

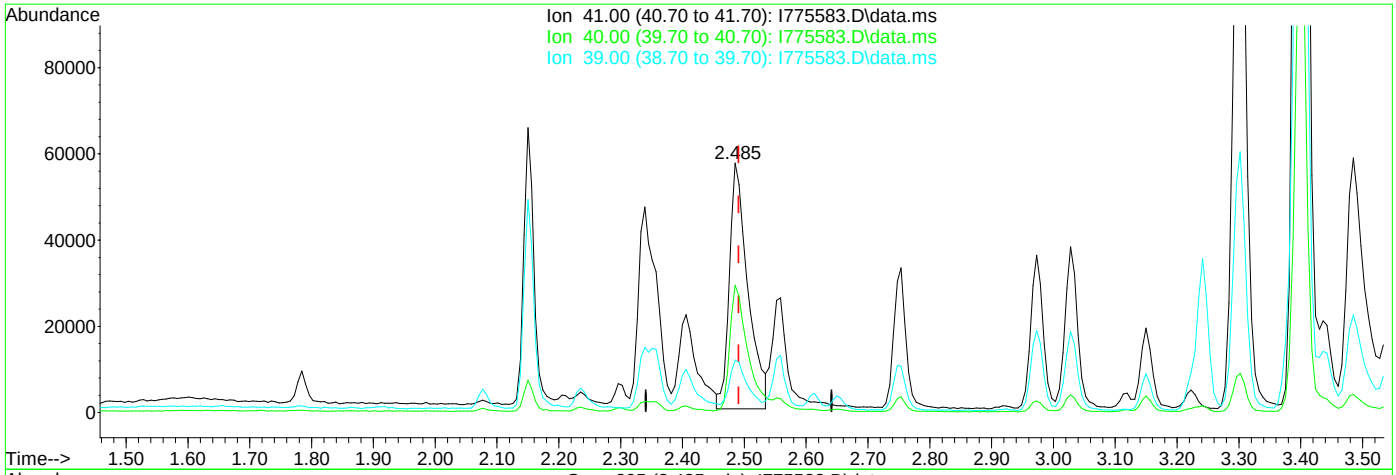
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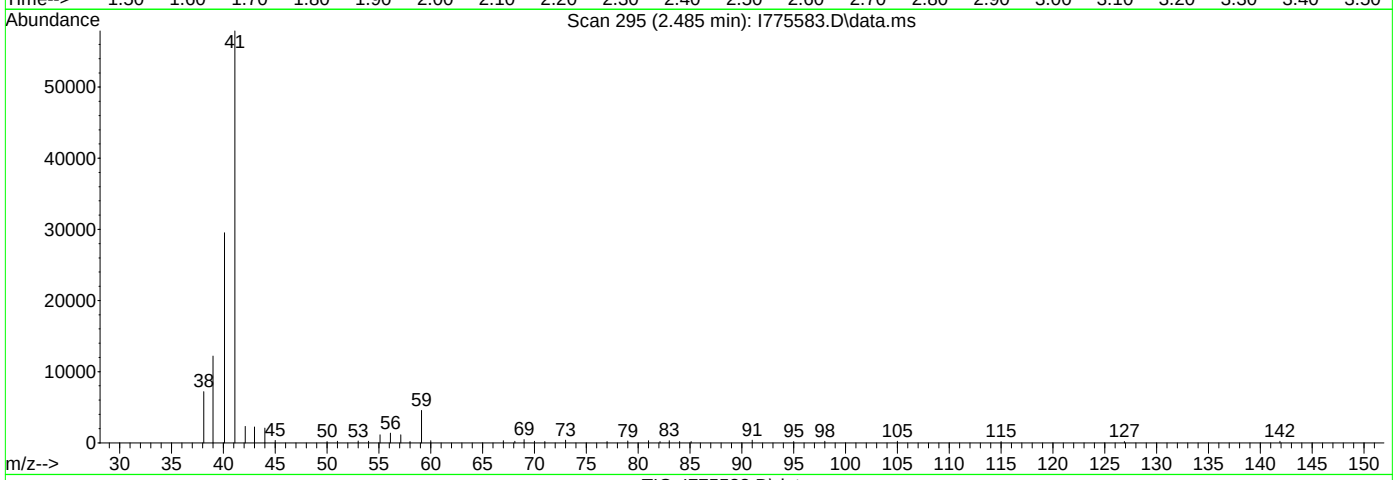
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	53.83
39.00	21.50	19.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(24) Acetonitrile

2.485min (-0.006) 307.38ug/L m

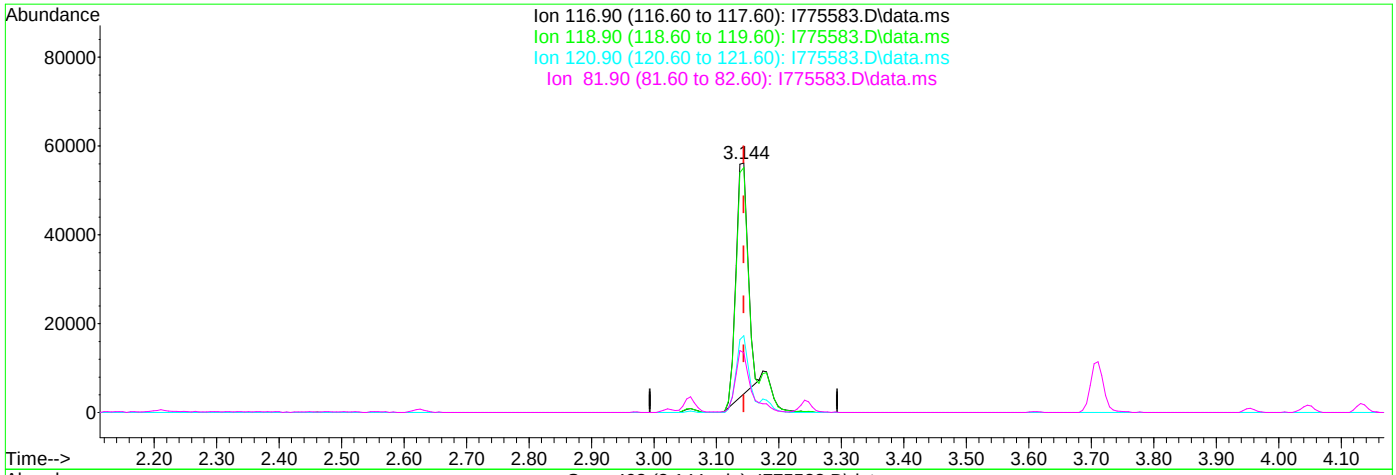
response 118396

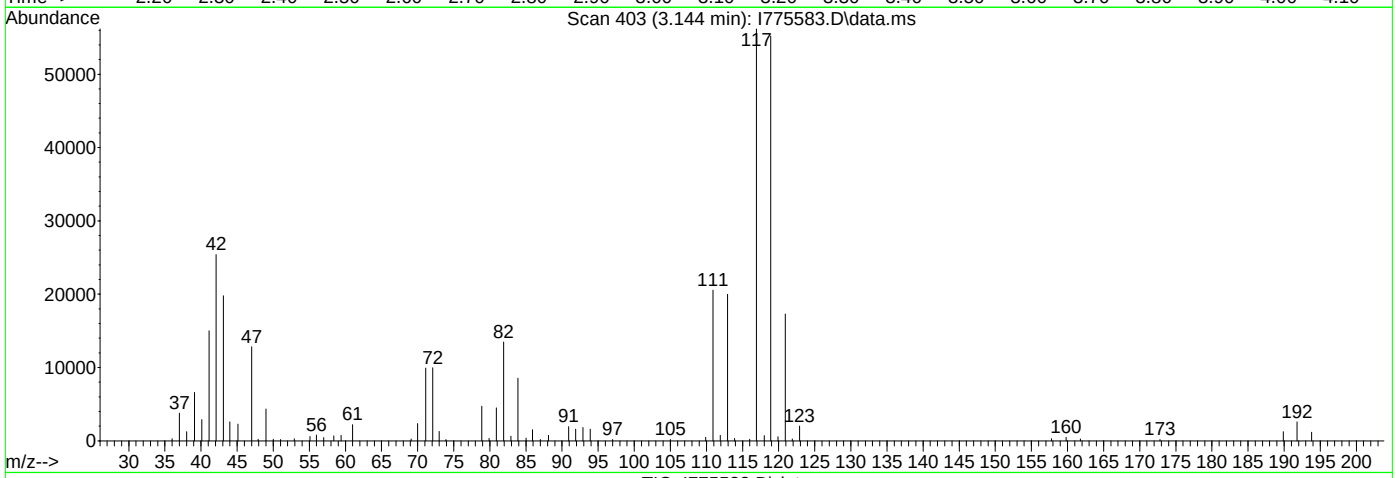
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	50.97
39.00	21.50	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (+0.000) 34.97ug/L

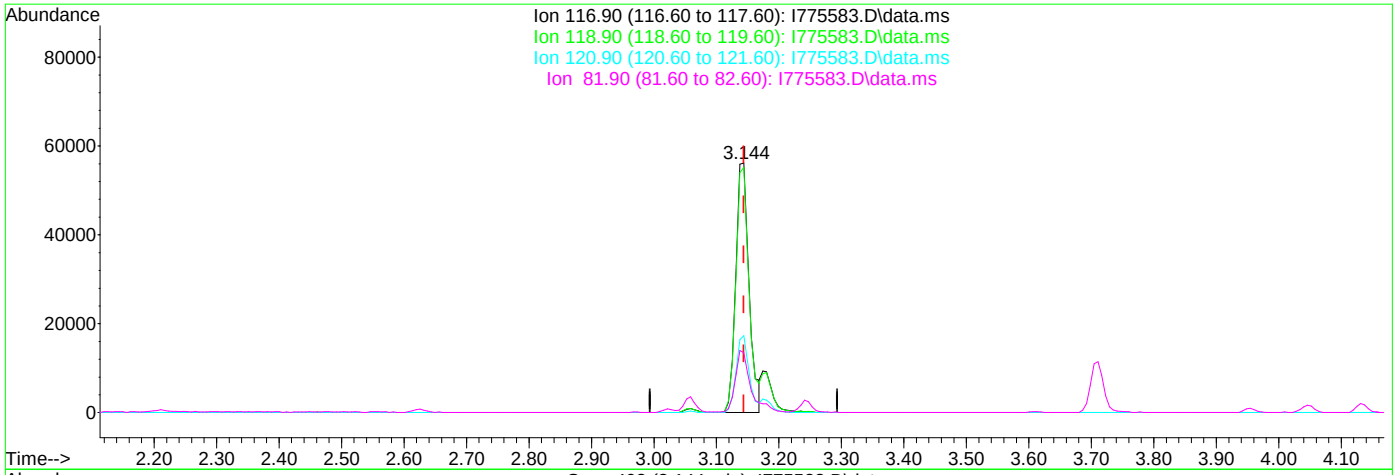
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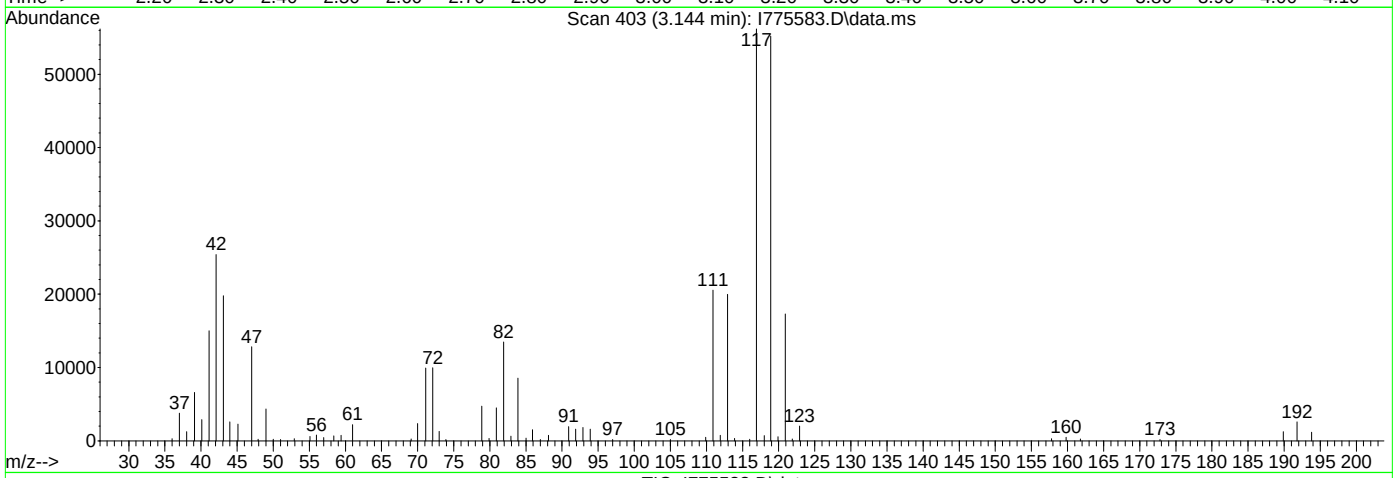
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	98.15
120.90	31.70	30.94
81.90	26.00	23.68

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (+0.000) 41.14ug/L m

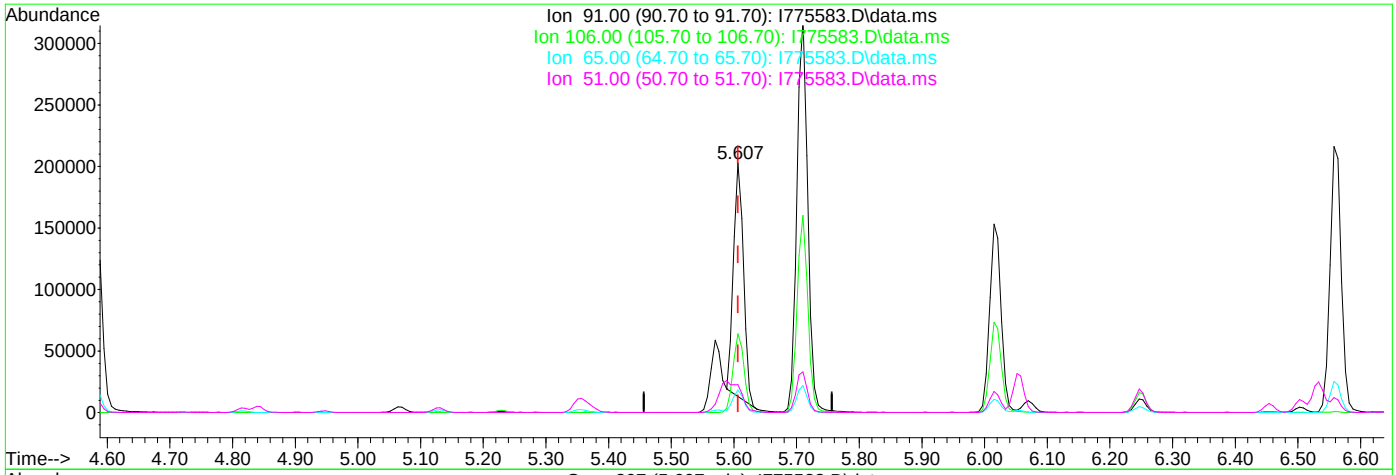
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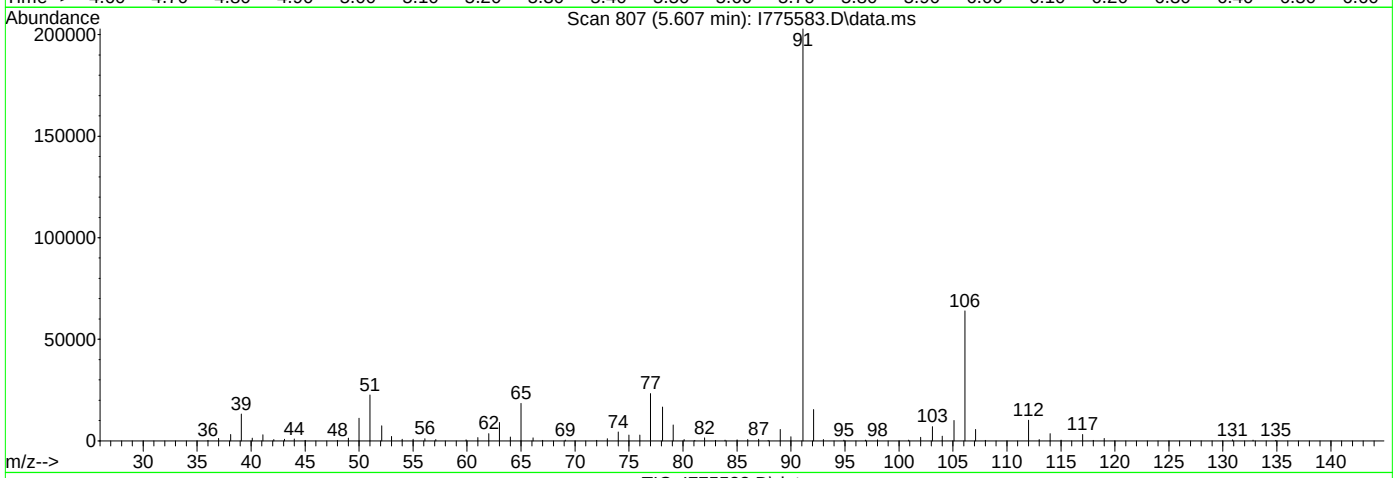
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	98.18
120.90	31.70	30.77
81.90	26.00	23.96

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 33.46ug/L

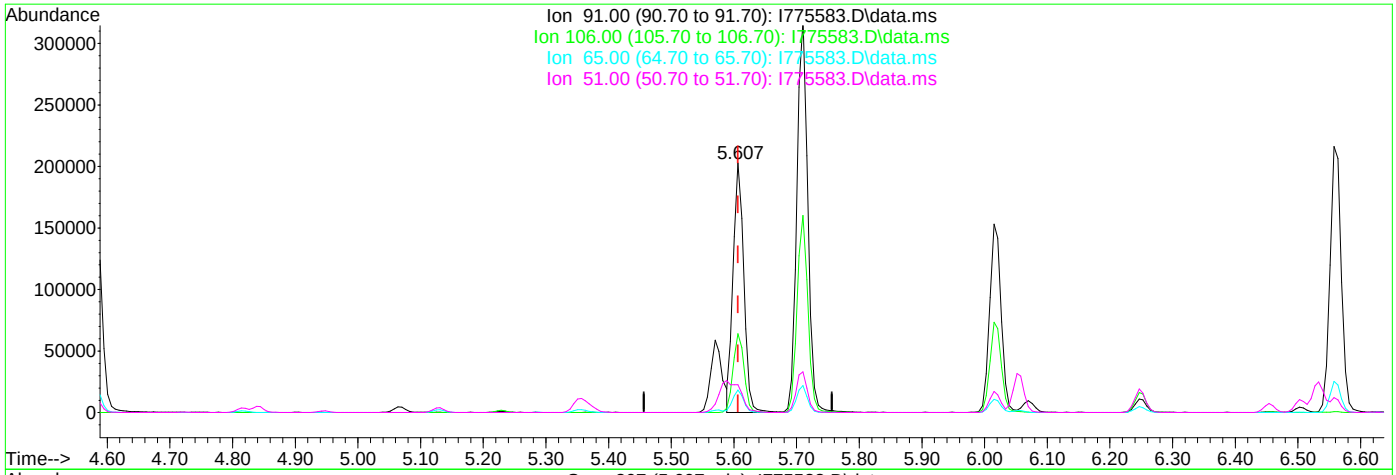
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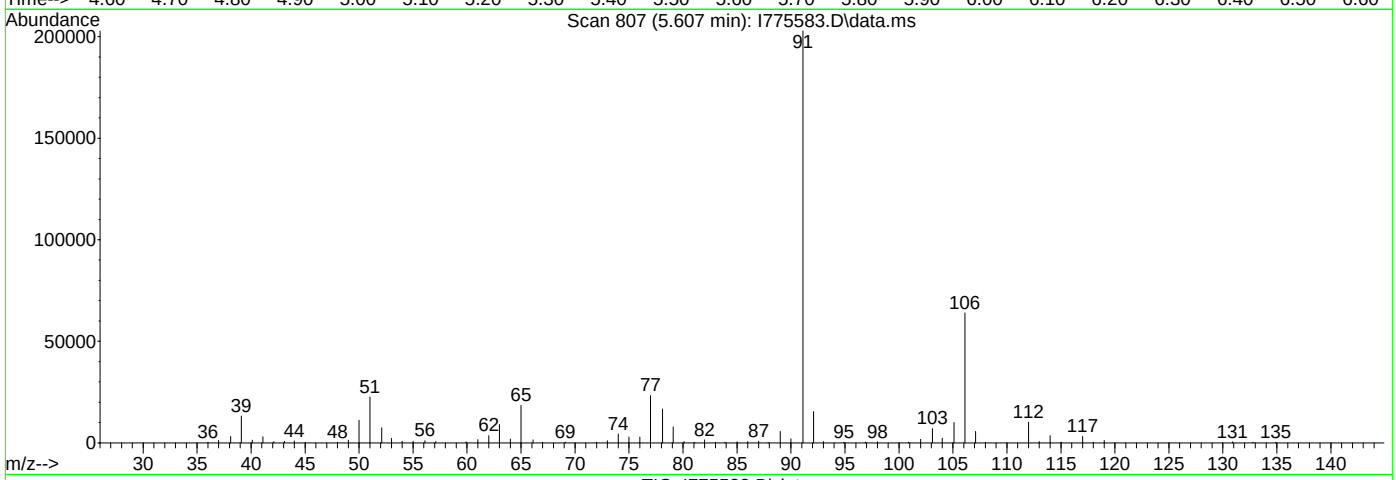
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.58
65.00	8.60	9.03
51.00	10.50	10.72

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 38.95ug/L m

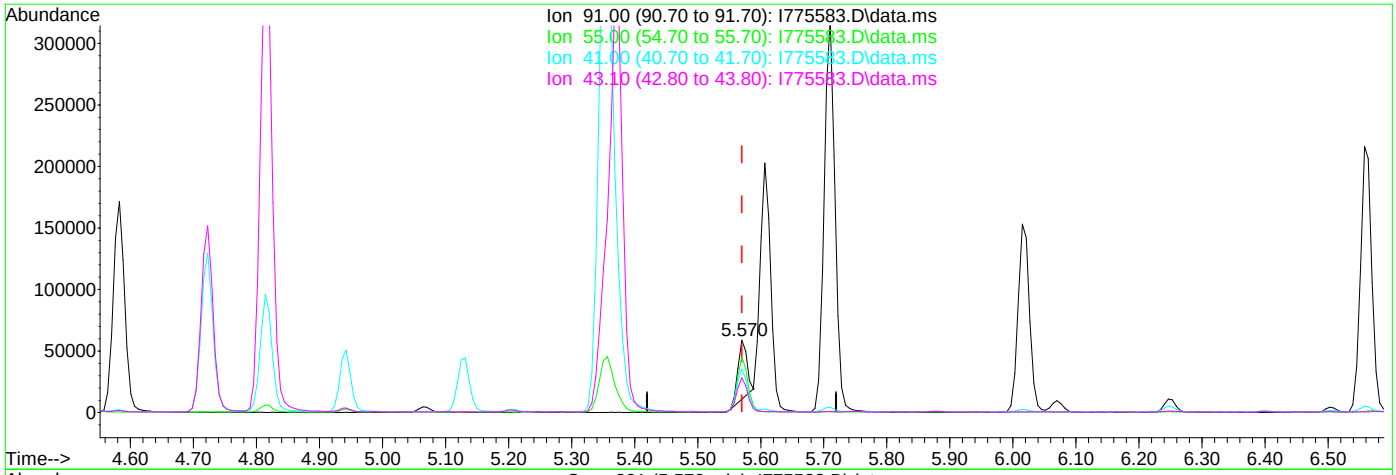
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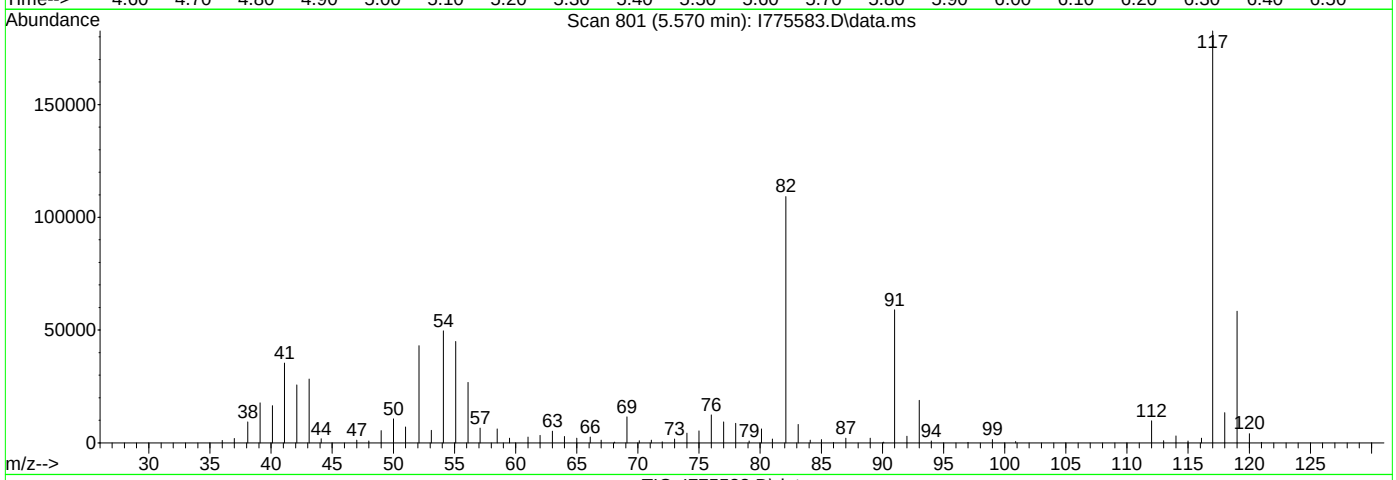
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.54
65.00	8.60	9.06
51.00	10.50	11.14

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 27.11ug/L

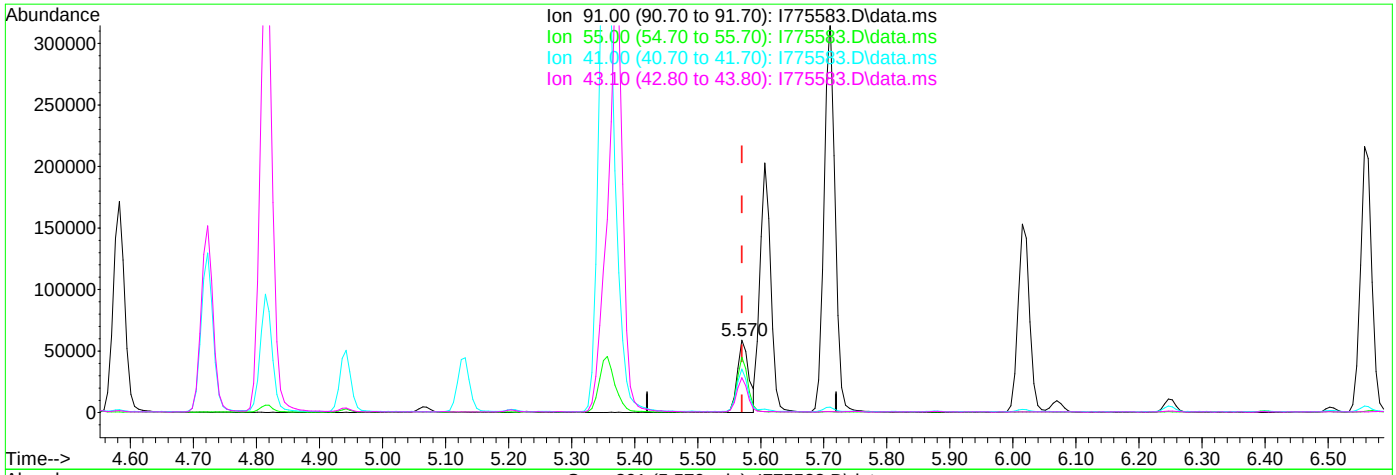
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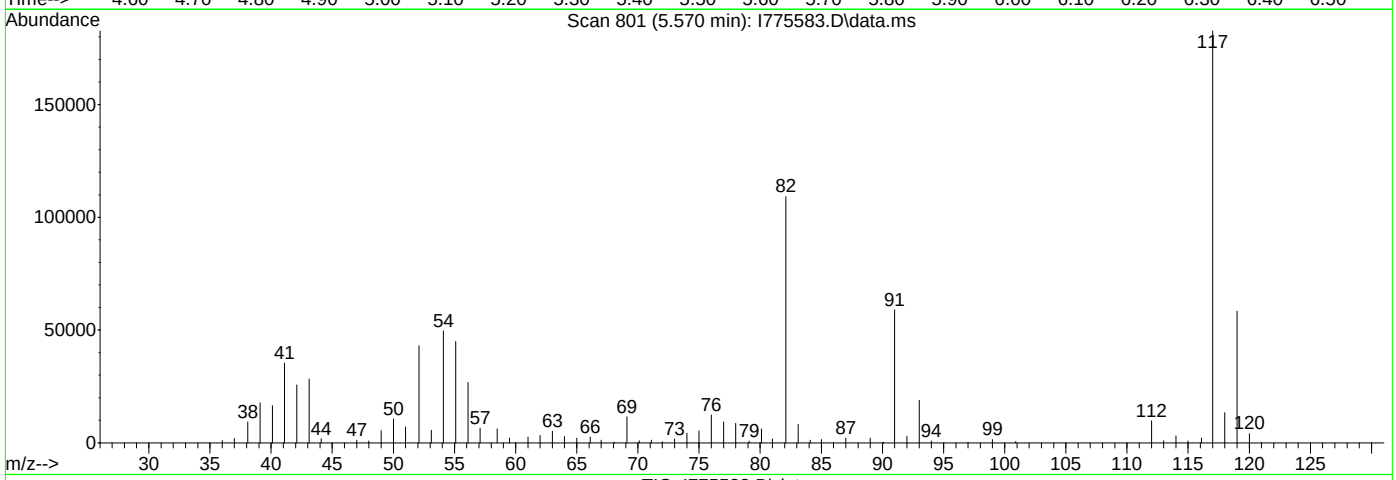
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	75.25
41.00	47.90	57.99
43.10	37.40	46.49

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775583.D
Acq On : 6 Nov 2025 11:00 am
Operator : jeniferw
Sample : ICC3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 11:13:04 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Mon Sep 29 09:22:24 2025
Response via : Initial Calibration





TIC: I775583.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 40.08ug/L m

response 75572

Ion	Exp%	Act%
91.00	100	100
55.00	61.10	76.26
41.00	47.90	60.08
43.10	37.40	48.00

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:43 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	385035	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	285800	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	154852	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	114635	49.40	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.80%			
49) 1,2-Dichloroethane-d4	3.455	65	135075	49.93	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 99.86%			
63) Toluene-d8	4.552	98	375762	50.62	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 101.24%			
86) 4-Bromofluorobenzene	6.460	174	114661	49.05	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	133531	67.74	ug/L	99
3) Chloromethane	1.205	50	104519	59.79	ug/L	99
4) 1,3-butadiene	1.272	39	80492	43.91	ug/L	98
5) Vinyl Chloride	1.260	62	115550	66.08	ug/L	100
6) Bromomethane	1.455	94	48936	57.99	ug/L	100
7) Chloroethane	1.516	64	22750	46.08	ug/L	96
8) Trichlorofluoromethane	1.601	101	133546	56.64	ug/L	100
9) Ethyl Ether	1.784	59	82327	64.35	ug/L	95
10) Ethanol	1.876	45	44396m	944.15	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	67922	62.41	ug/L	98
12) 1,1-Dichloroethene	1.894	61	142180	64.90	ug/L	96
13) Freon 113	1.912	101	89974	66.38	ug/L	97
14) Carbon Disulfide	1.912	76	271939	63.63	ug/L	99
15) Iodomethane	1.973	142	88007	87.50	ug/L	100
16) Acrolein	2.077	56	132424	330.30	ug/L	98
17) Allyl chloride	2.150	41	118502	59.35	ug/L	93
18) Methylene Chloride	2.211	49	118661	54.02	ug/L	98
19) Acetone	2.235	43	220387	290.23	ug/L	98
20) Methyl acetate	2.302	43	643511	325.92	ug/L	99
21) trans-1,2-Dichloroethene	2.296	61	135153	61.78	ug/L	96
22) Hexane	2.339	56	71868	62.04	ug/L	96
23) Methyl Tert Butyl Ether	2.357	73	312089	67.27	ug/L	96
24) Acetonitrile	2.491	41	185744m	466.97	ug/L	
25) Tert Butyl Alcohol	2.412	59	318405	586.35	ug/L	97
26) Di-isopropyl ether	2.558	45	313111	65.39	ug/L	99
27) Chloroprene	2.656	53	284264	67.12	ug/L	98
28) 1,1-Dichloroethane	2.625	63	170614	62.42	ug/L	98
29) Acrylonitrile	2.656	52	210614	325.32	ug/L	99
30) ETBE	2.753	59	326793	68.52	ug/L	98
31) Vinyl acetate	2.753	43	1406170	341.18	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	94735	61.08	ug/L	87
33) 2,2-Dichloropropane	2.973	77	143386	57.53	ug/L	99
34) Bromochloromethane	3.022	128	49681	61.94	ug/L	92
35) Cyclohexane	3.028	56	155749	66.89	ug/L	95
36) Chloroform	3.058	83	173514	61.47	ug/L	98
37) Ethyl acetate	3.119	43	924521	337.74	ug/L	99
38) Tetrahydrofuran	3.150	42	68976	66.57	ug/L	93
40) Carbon Tetrachloride	3.144	117	141460m	65.28	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	148459	59.40	ug/L	97
42) 2-Butanone	3.223	43	463320	323.20	ug/L	94
43) 1,1-Dichloropropene	3.241	75	117326	64.11	ug/L	89
44) tert-Butyl formate	3.302	59	608106	333.98	ug/L	99

Quantitation Report (QT Reviewed)

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Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:43 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.394	54	255125	621.04	ug/L	#	74
46) Methacrylonitrile	3.400	41	935048	660.23	ug/L		99
47) Benzene	3.381	78	352406	61.53	ug/L		97
48) TAME	3.442	73	304037	64.97	ug/L		94
50) 1,2-Dichloroethane	3.491	62	141867	66.08	ug/L		99
51) Isobutyl Alcohol	3.442	43	91318	1372.50	ug/L		91
52) Tert Amyl Alcohol	3.546	59	308377	631.59	ug/L		95
53) Trichloroethene	3.711	95	97007	61.08	ug/L		95
54) Methylcyclohexane	3.711	83	142982	69.18	ug/L		95
55) Dibromomethane	3.954	93	68970	64.08	ug/L		97
56) 1,2-Dichloropropane	4.015	63	96514	63.28	ug/L		96
57) Bromodichloromethane	4.046	83	136871	61.99	ug/L		98
58) Methyl methacrylate	4.131	41	118893	65.13	ug/L		88
59) 1,4-Dioxane	4.180	88	45946	1422.73	ug/L		91
60) 2-Chloroethyl vinyl ether	4.387	63	355764	331.76	ug/L		98
61) cis-1,3-Dichloropropene	4.430	75	163623	65.85	ug/L		95
64) Toluene	4.582	91	373589	63.23	ug/L		100
65) 2-Nitropropane	4.723	41	277494	325.98	ug/L		98
66) 4-Methyl-2-pentanone	4.814	43	837765	336.66	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	160158	66.39	ug/L		91
68) Tetrachloroethene	4.832	166	105800	66.75	ug/L		99
69) Ethyl methacrylate	4.942	69	144009	66.35	ug/L		93
70) 1,1,2-Trichloroethane	4.948	83	78018	62.89	ug/L		97
71) Dibromochloromethane	5.070	129	115400	67.82	ug/L		99
72) 1,3-Dichloropropane	5.131	76	156115	65.67	ug/L		92
73) 1,2-Dibromoethane	5.229	107	108043	65.72	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.357	57	1608885	3252.72	ug/L		96
75) 2-hexanone	5.375	43	934526	329.37	ug/L		84
76) 1-Chlorohexane	5.570	91	125890m	55.20	ug/L		
77) Ethylbenzene	5.607	91	412610m	62.98	ug/L		
78) Chlorobenzene	5.588	112	250535	63.39	ug/L		98
79) 1,1,1,2-Tetrachloroethane	5.631	131	97393	64.69	ug/L		99
80) m,p-Xylene	5.710	91	645367	125.78	ug/L		98
81) o-Xylene	6.015	91	323184	62.59	ug/L		99
82) Styrene	6.058	104	253783	63.18	ug/L		99
83) Bromoform	6.070	173	84661	69.40	ug/L		97
84) Isopropylbenzene	6.247	105	396182	61.46	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.503	53	60808	58.58	ug/L		96
88) n-Propylbenzene	6.564	91	452294	61.77	ug/L		98
89) Bromobenzene	6.533	156	107036	63.90	ug/L		92
90) 1,1,2,2-Tetrachloroethane	6.606	83	149099	59.51	ug/L		99
91) 1,3,5-Trimethylbenzene	6.710	105	329990	61.72	ug/L		98
92) 2-Chlorotoluene	6.673	91	247606	61.03	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.747	53	46525	65.50	ug/L		89
94) 1,2,3-Trichloropropane	6.710	110	48663	65.70	ug/L		96
95) Cyclohexanone	6.741	55	51123	325.33	ug/L		95
96) 4-Chlorotoluene	6.801	91	292483	63.13	ug/L		97
97) tert-Butylbenzene	6.960	91	174907	61.33	ug/L		97
98) 1,2,4-Trimethylbenzene	7.015	105	328378	63.24	ug/L		98
99) Pentachloroethane	6.972	167	59047	61.67	ug/L		94
100) sec-Butylbenzene	7.100	105	372002	60.58	ug/L		99
101) 4-Isopropyltoluene	7.216	119	321767	61.02	ug/L		99
102) 1,3-Dichlorobenzene	7.259	146	190801	63.52	ug/L		98
103) 1,2,3-Trimethylbenzene	7.350	105	340413	62.95	ug/L		99
104) 1,4-Dichlorobenzene	7.326	146	195337	63.84	ug/L		94
105) n-Butylbenzene	7.533	92	169815	61.01	ug/L		93
106) Benzyl Chloride	7.521	126	68231	66.49	ug/L	#	90
107) 1,2-Dichlorobenzene	7.643	146	184741	64.46	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:43 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration

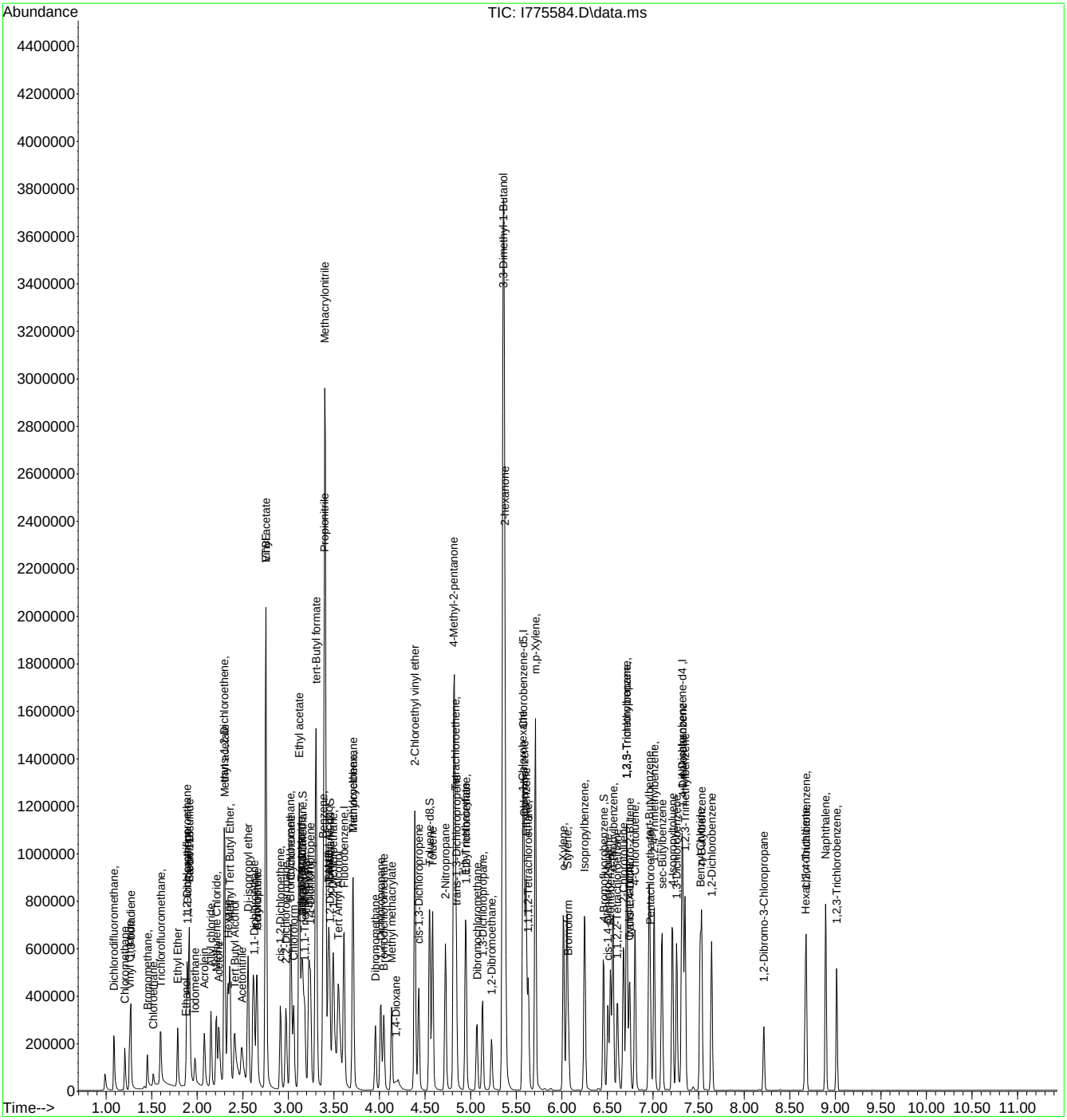
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	44796	67.16	ug/L	95
109) Hexachlorobutadiene	8.673	225	36863	56.65	ug/L	96
110) 1,2,4-Trichlorobenzene	8.679	180	106135	62.26	ug/L	97
111) Naphthalene	8.893	128	401821	65.09	ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	97378	62.69	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
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Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
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Manual Integration Approval Summary

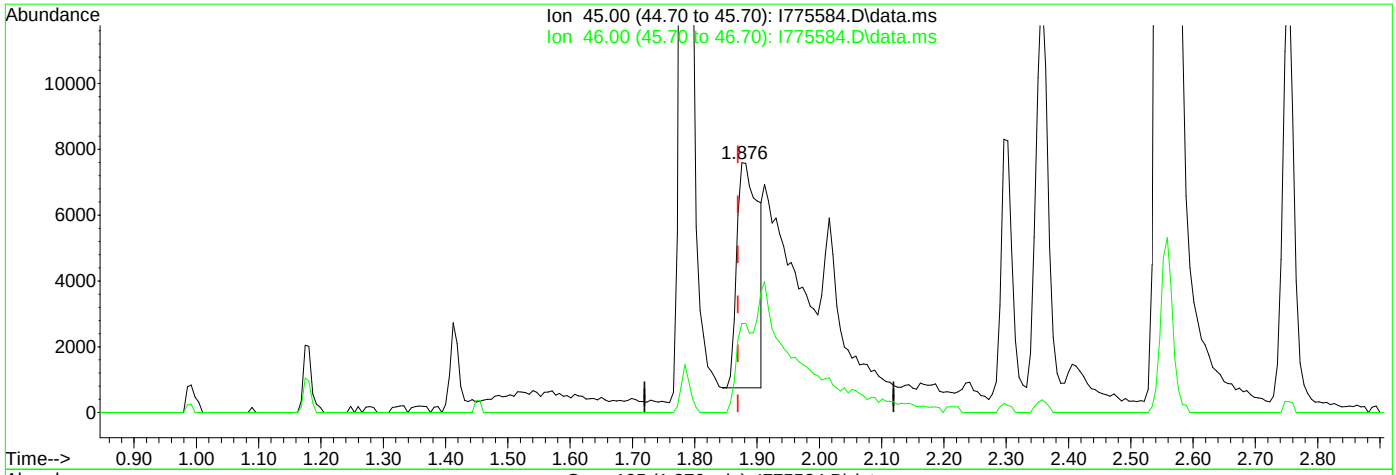
Sample Number: VI3738-IC3738
Lab FileID: I775584.D
Injection Time: 11/06/25 11:16
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

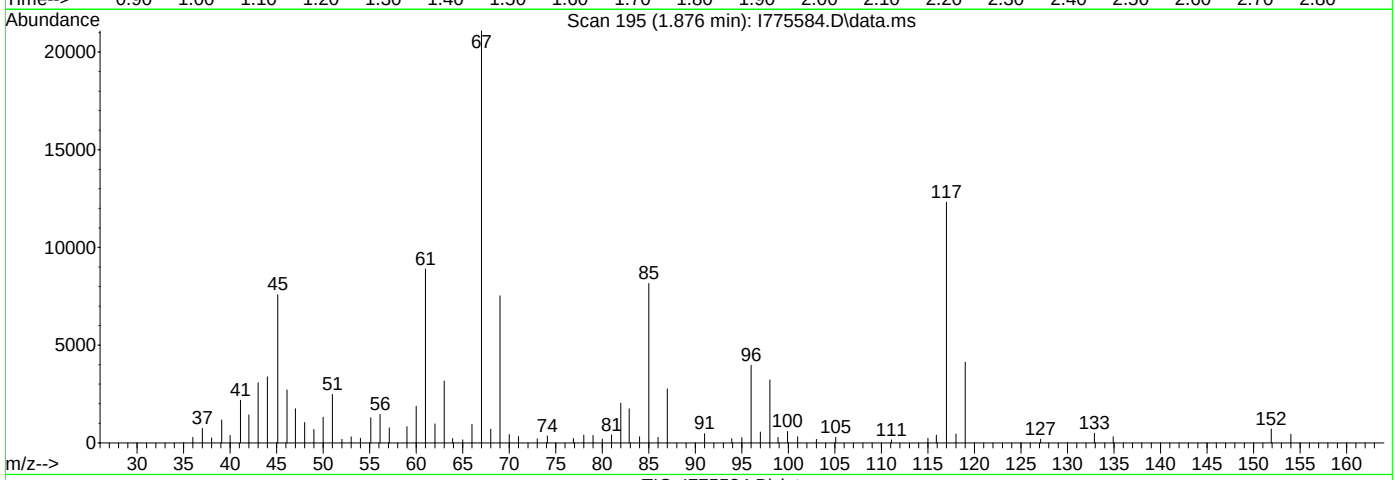
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.88	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(10) Ethanol

1.876min (+0.006) 346.64ug/L

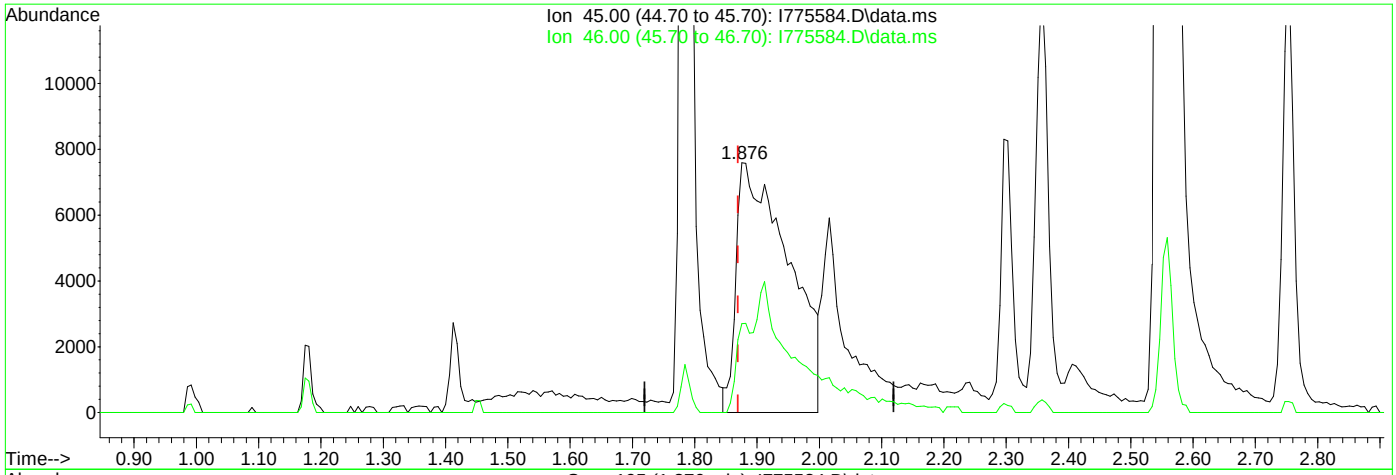
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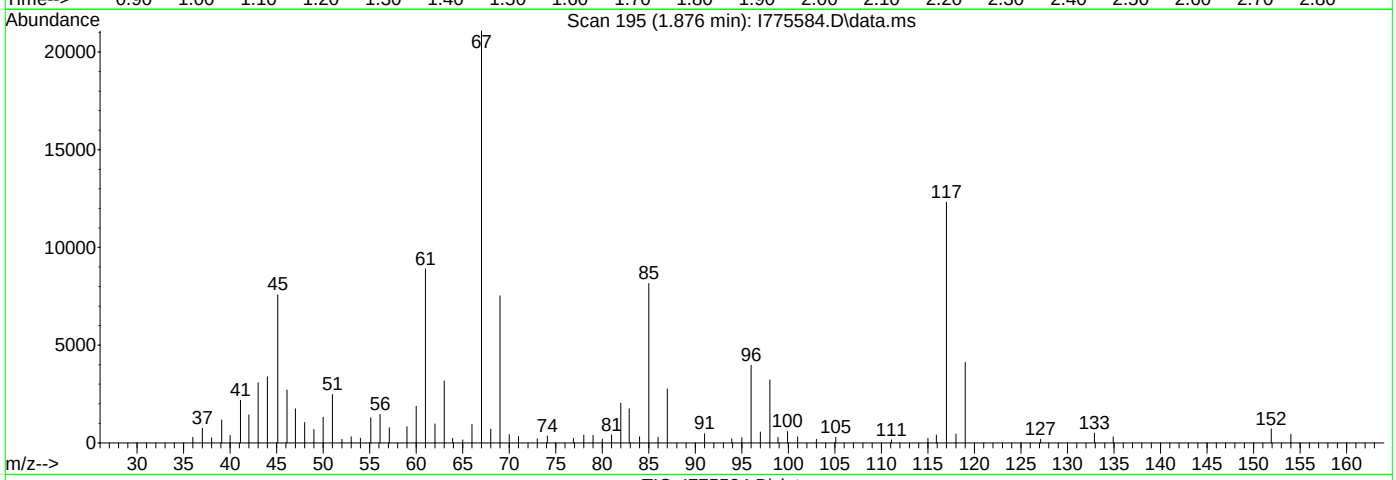
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	39.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
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Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(10) Ethanol

1.876min (+0.006) 944.15ug/L m

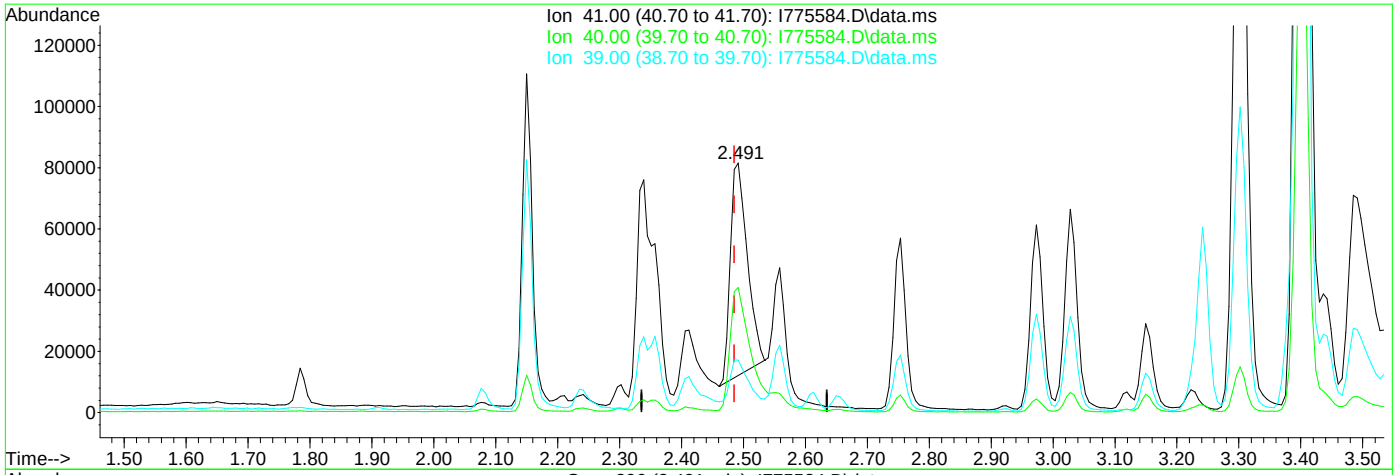
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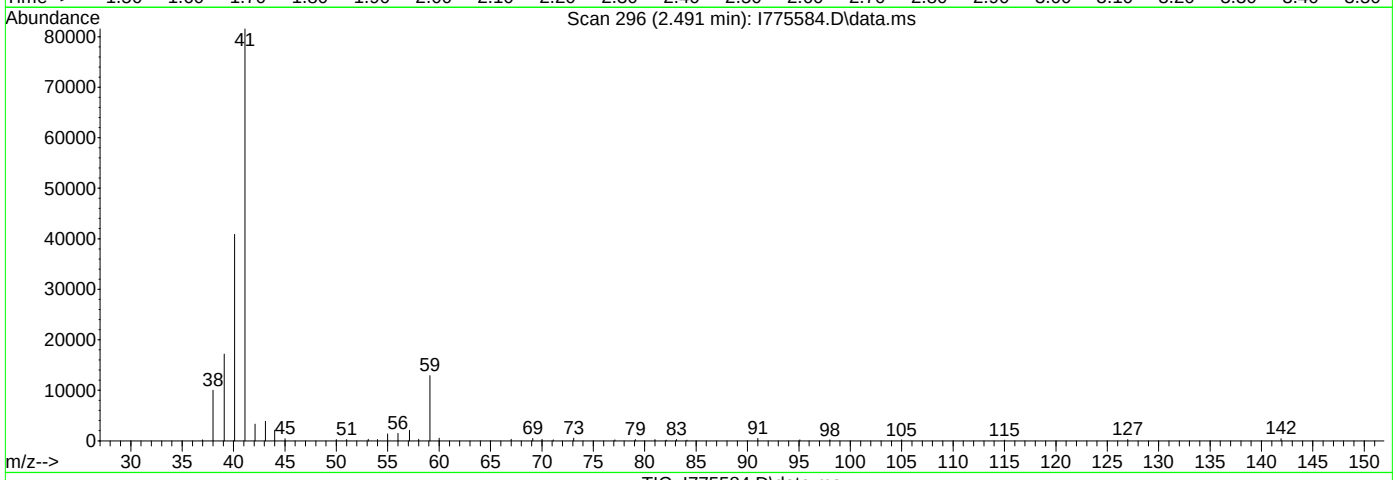
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	35.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
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Operator : jeniferw
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Misc : MS60326,VI3738,,,,,
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Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(24) Acetonitrile

2.491min (+0.006) 335.44ug/L

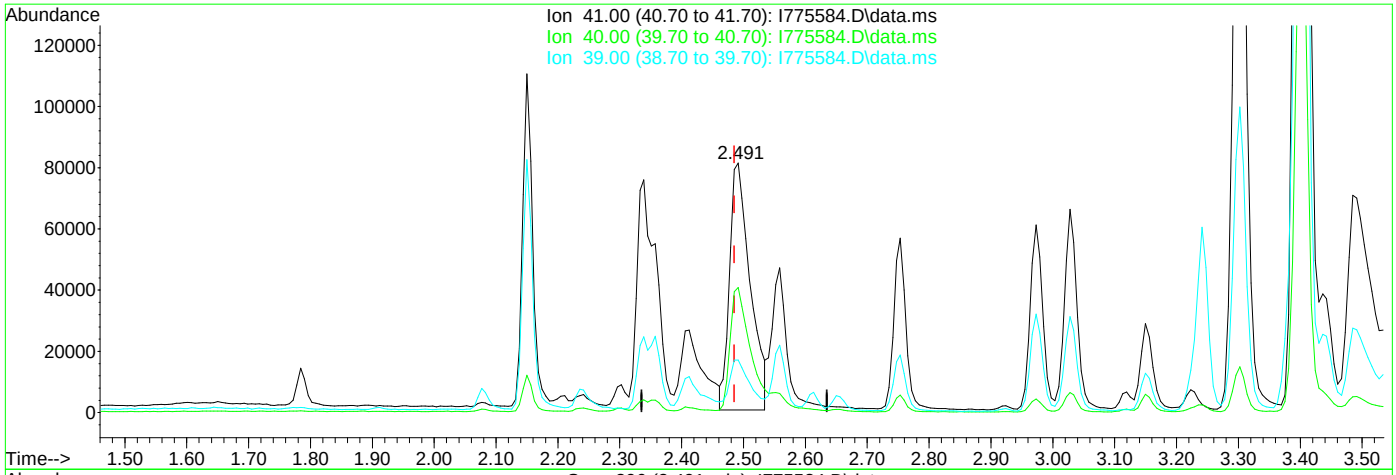
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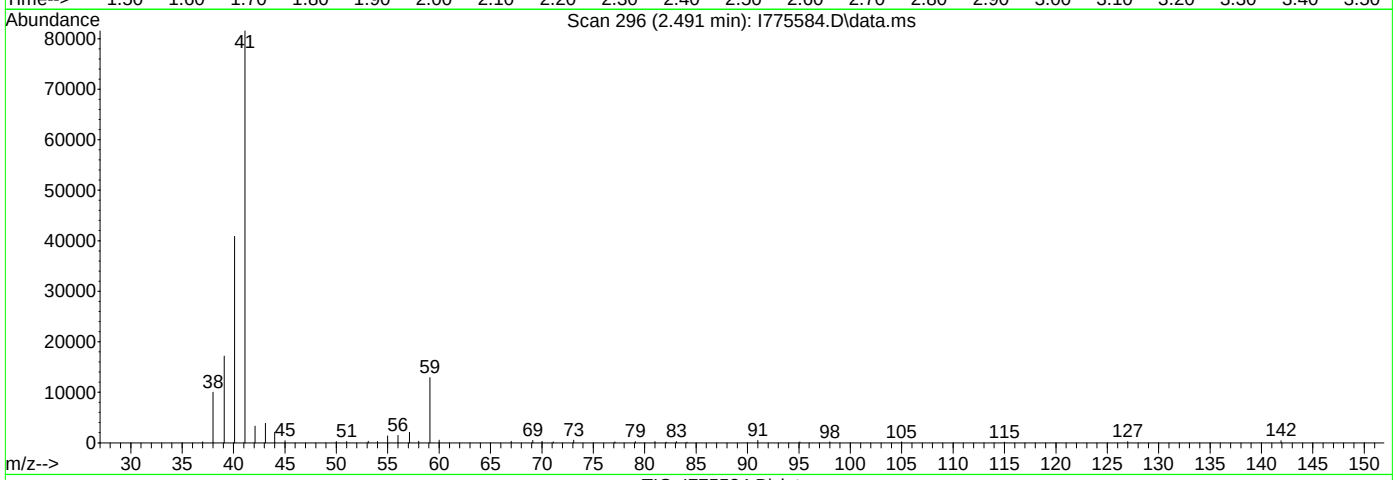
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	54.87
39.00	21.50	18.73
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
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Response via : Initial Calibration





TIC: I775584.D\data.ms

(24) Acetonitrile

2.491min (+0.006) 466.97ug/L m

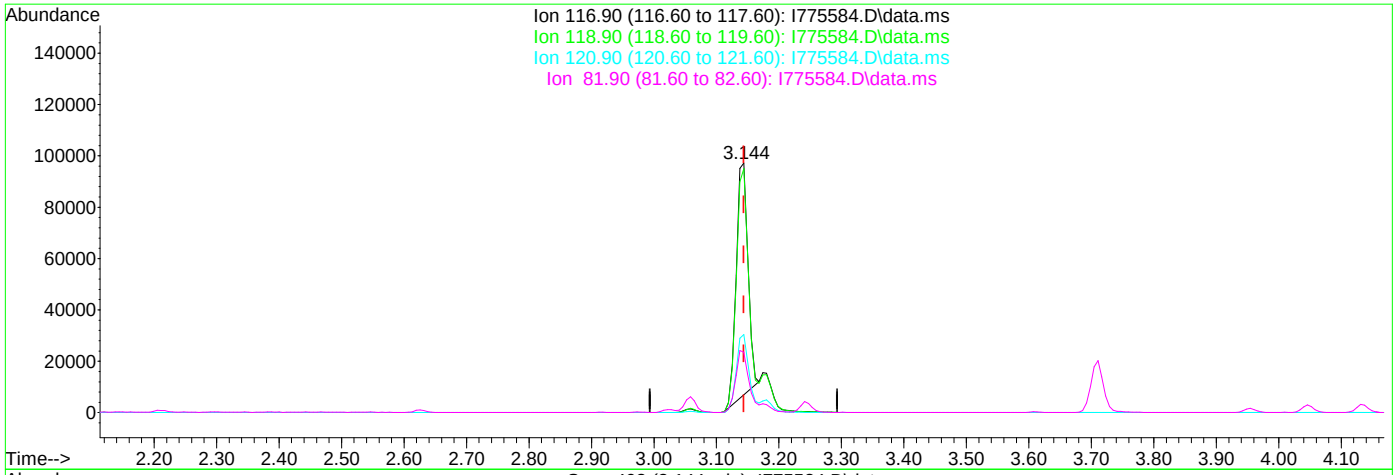
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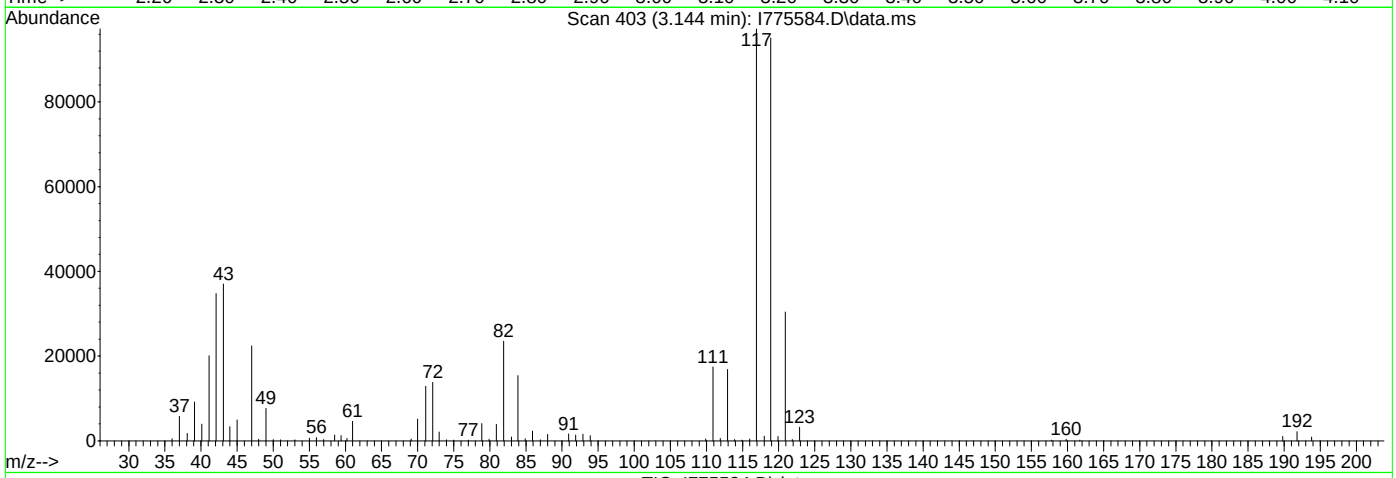
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	50.11
39.00	21.50	21.06
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (+0.000) 55.78ug/L

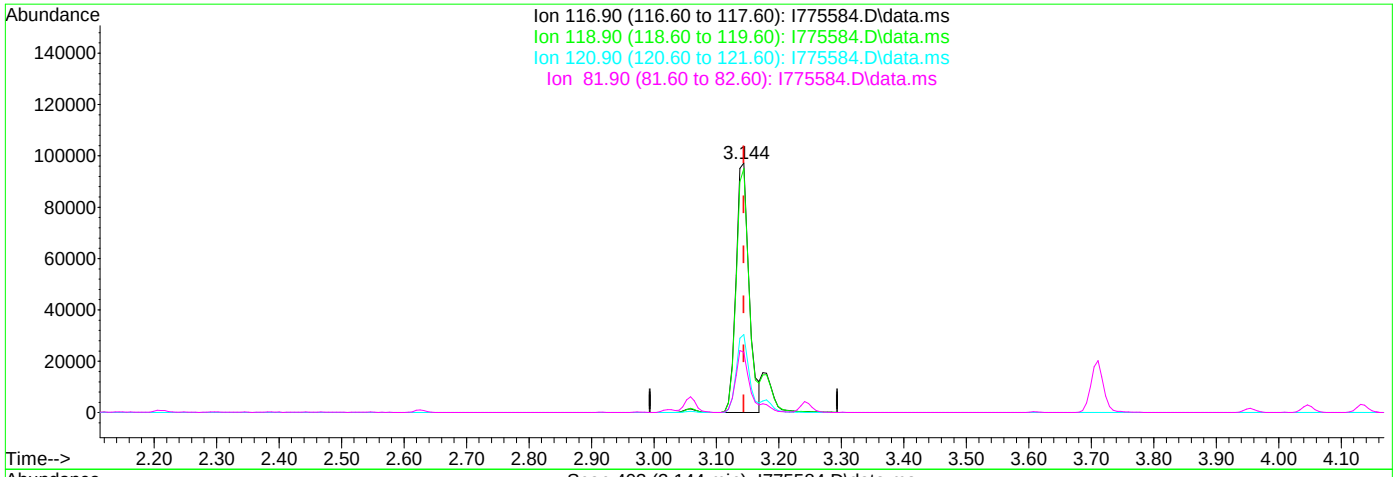
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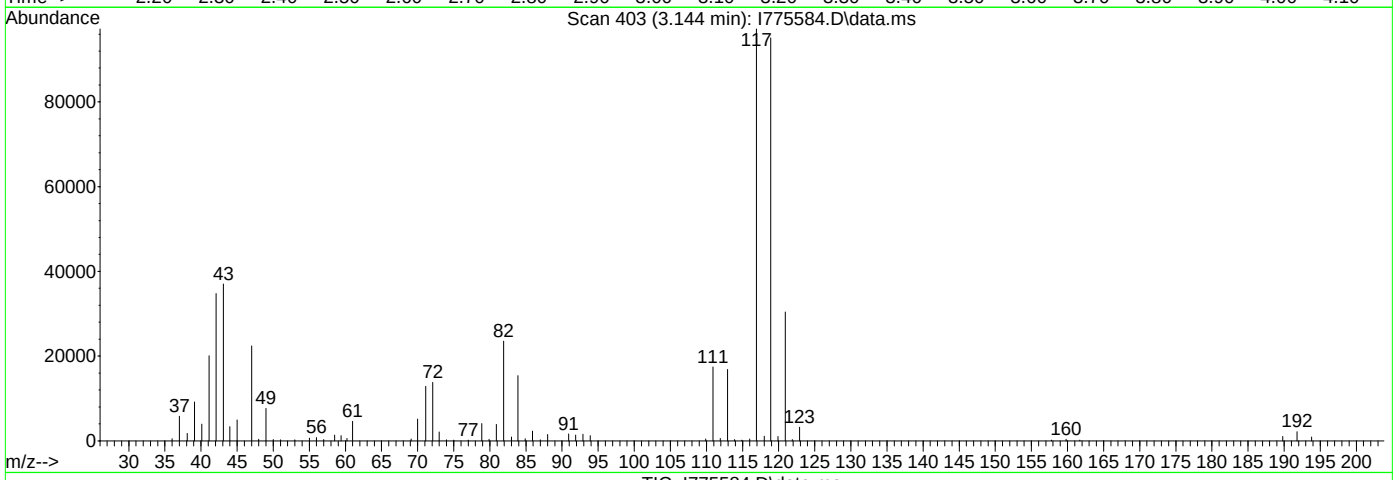
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.76
120.90	31.70	31.42
81.90	26.00	24.08

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(40) Carbon Tetrachloride ( )

3.144min (+0.000) 65.28ug/L m

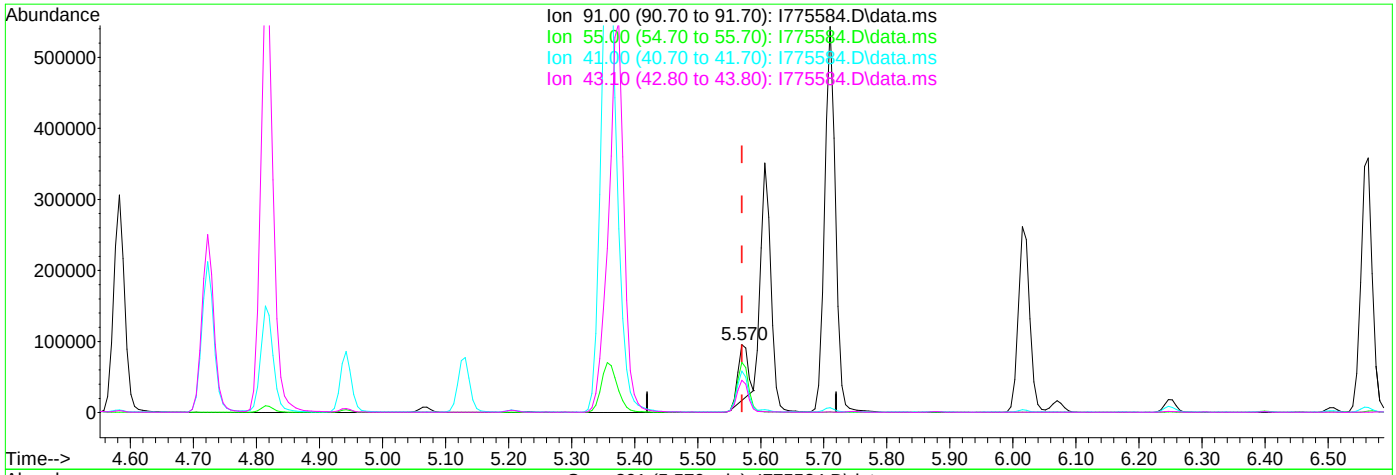
response 141460

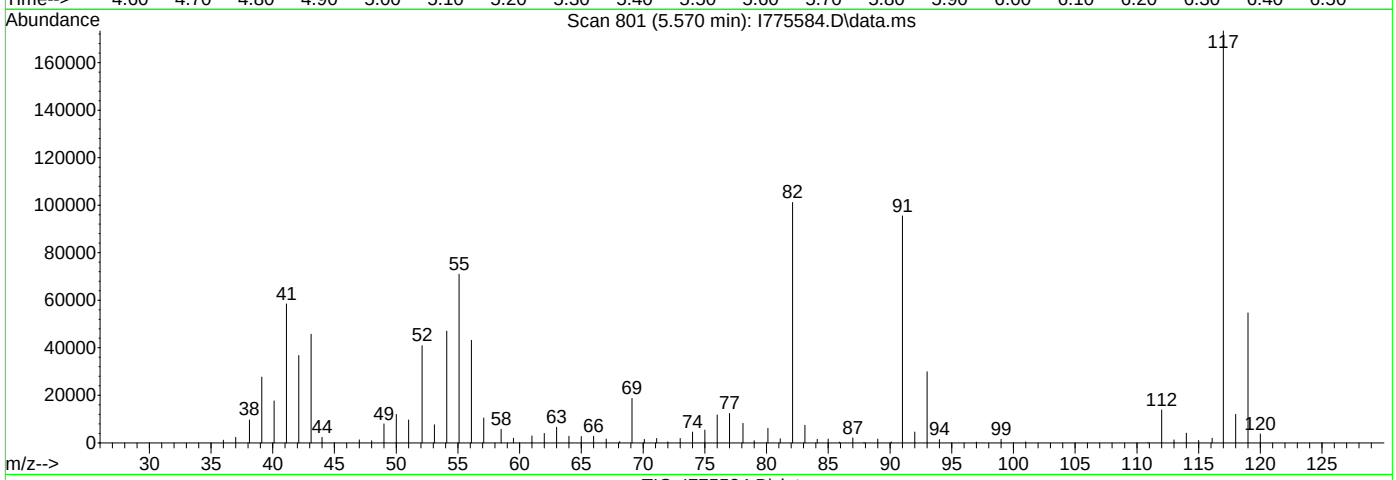
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.76
120.90	31.70	31.26
81.90	26.00	24.19

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 38.58ug/L

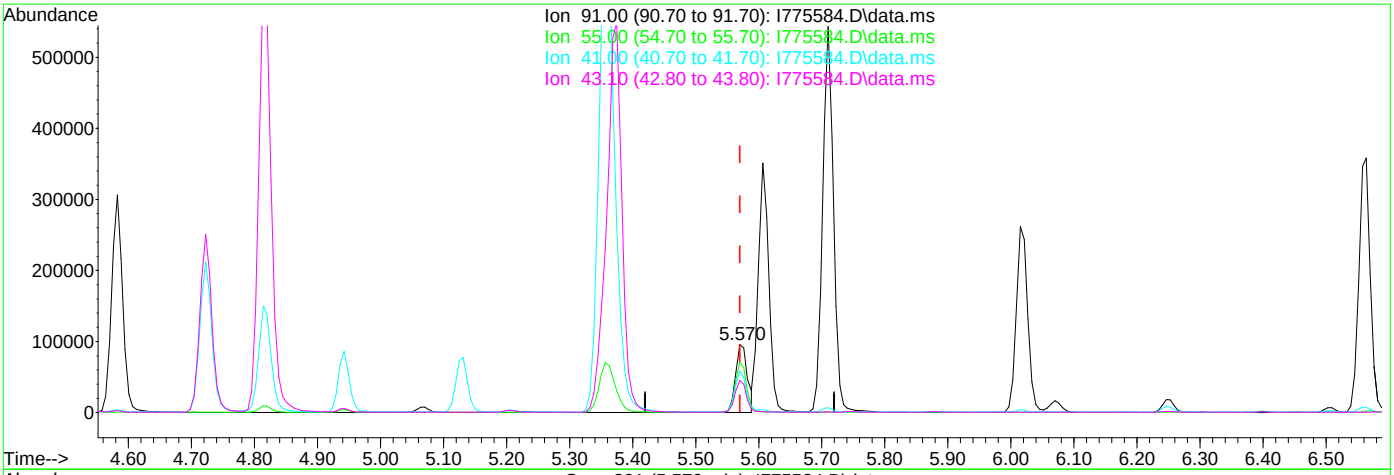
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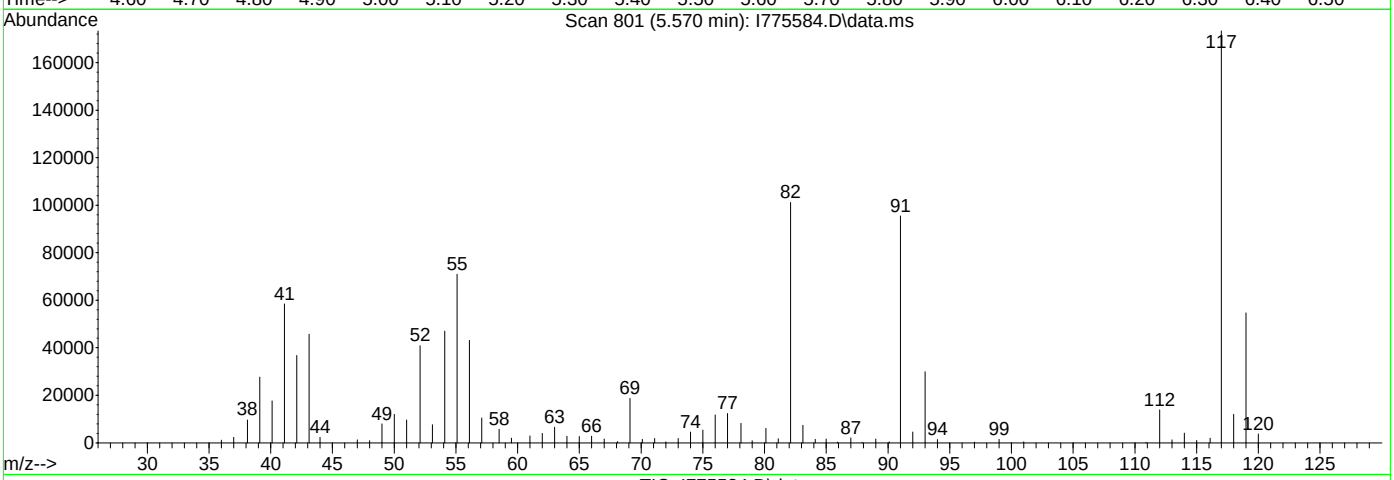
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	73.16
41.00	47.90	59.45
43.10	37.40	46.77

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 55.20ug/L m

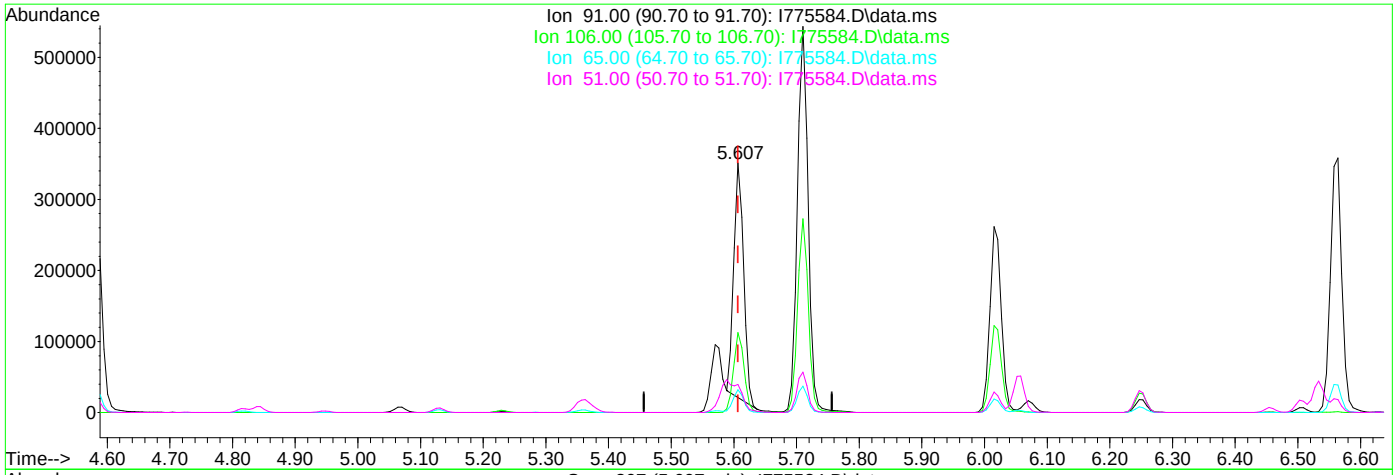
response 125890

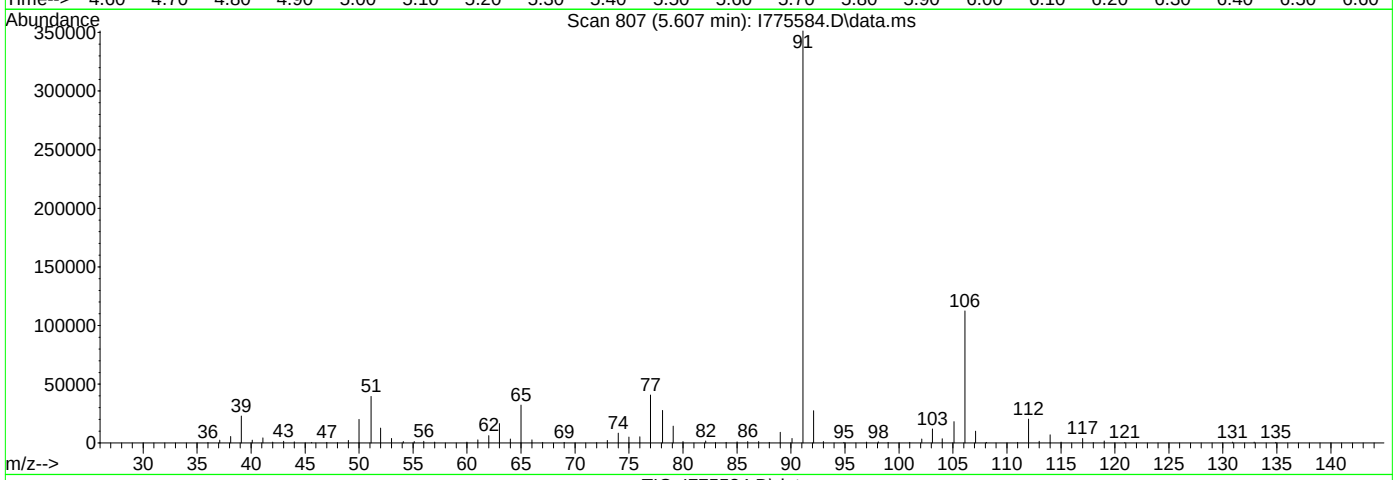
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	74.28
41.00	47.90	61.22
43.10	37.40	47.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 54.43ug/L

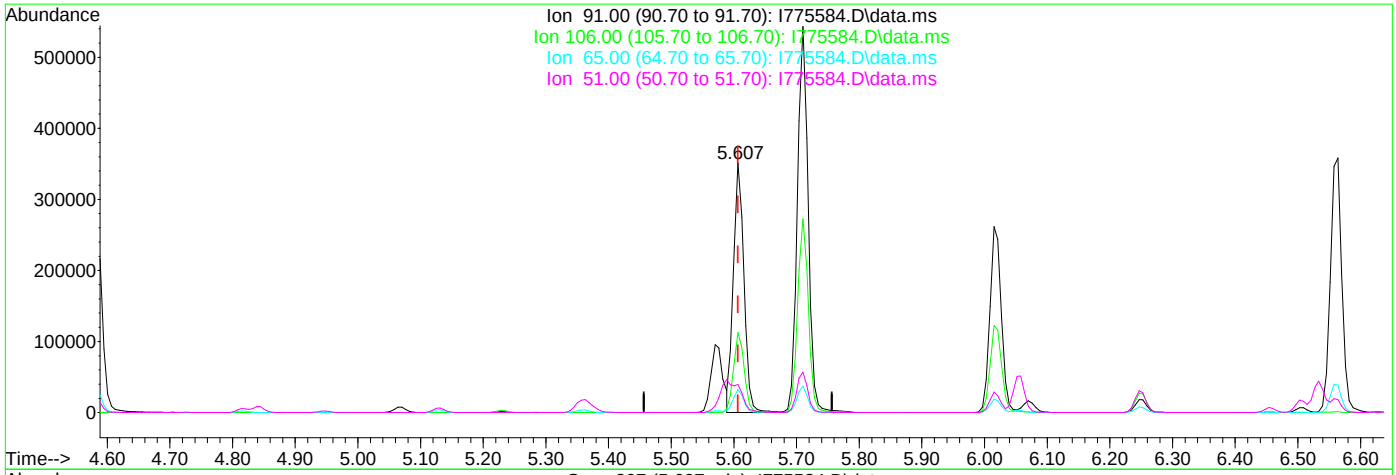
response 356577

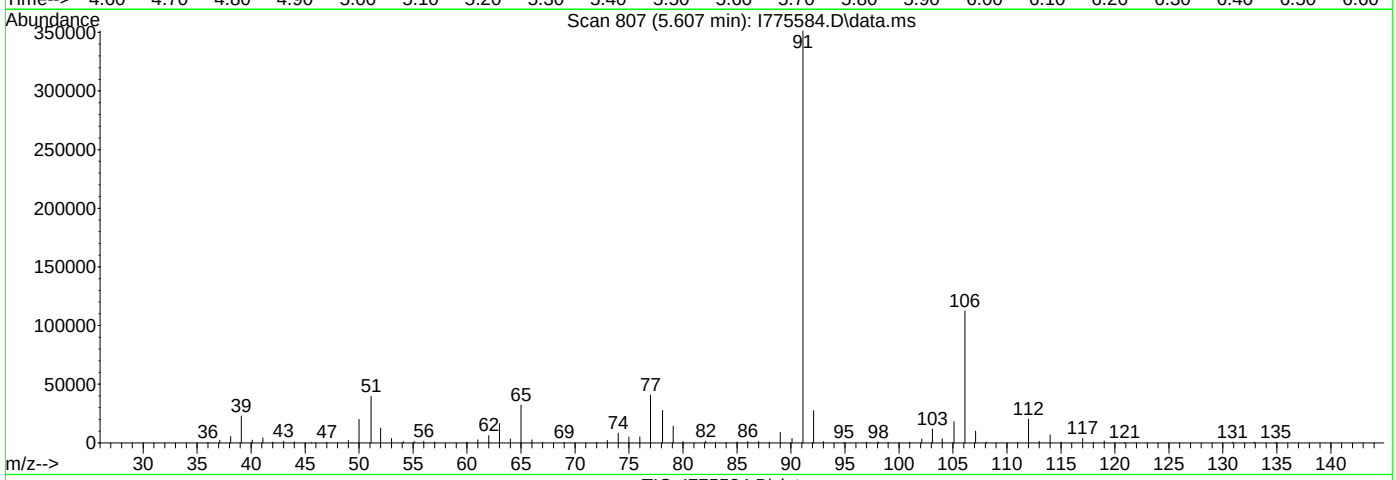
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.03
65.00	8.60	9.08
51.00	10.50	10.90

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775584.D
Acq On : 6 Nov 2025 11:16 am
Operator : jeniferw
Sample : IC3738-6 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 06 11:30:02 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:16:17 2025
Response via : Initial Calibration





TIC: I775584.D\data.ms

(77) Ethylbenzene

5.607min (+0.000) 62.98ug/L m

response 412610

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.02
65.00	8.60	9.13
51.00	10.50	11.28

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:45:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	379868	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	275731	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.320	152	151689	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	112029	49.02	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.04%		
49) 1,2-Dichloroethane-d4	3.455	65	132637	49.71	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	99.42%		
63) Toluene-d8	4.552	98	371256	51.74	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	103.48%		
86) 4-Bromofluorobenzene	6.460	174	114300	50.05	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	100.10%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	187963	97.10	ug/L	100
3) Chloromethane	1.205	50	151522	89.72	ug/L	99
4) 1,3-butadiene	1.272	39	111750	65.27	ug/L	98
5) Vinyl Chloride	1.260	62	163463	95.51	ug/L	98
6) Bromomethane	1.455	94	68676	84.56	ug/L	98
7) Chloroethane	1.516	64	29093	62.80	ug/L	96
8) Trichlorofluoromethane	1.595	101	143423	63.38	ug/L	98
9) Ethyl Ether	1.784	59	116770	93.59	ug/L	95
10) Ethanol	1.888	45	56011m	1291.46	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.882	67	95646	90.48	ug/L	94
12) 1,1-Dichloroethene	1.888	61	197851	92.51	ug/L	93
13) Freon 113	1.906	101	124668	93.92	ug/L	99
14) Carbon Disulfide	1.906	76	385557	92.65	ug/L	99
15) Iodomethane	1.973	142	118417	115.22	ug/L	99
16) Acrolein	2.077	56	189015	481.74	ug/L	98
17) Allyl chloride	2.150	41	150698	78.21	ug/L	92
18) Methylene Chloride	2.205	49	165642	79.01	ug/L	94
19) Acetone	2.241	43	275737	377.26	ug/L	99
20) Methyl acetate	2.302	43	947104	491.03	ug/L	99
21) trans-1,2-Dichloroethene	2.296	61	192155	90.55	ug/L	98
22) Hexane	2.333	56	100392	89.29	ug/L #	90
23) Methyl Tert Butyl Ether	2.357	73	438299	96.30	ug/L	83
24) Acetonitrile	2.491	41	268448m	718.23	ug/L	
25) Tert Butyl Alcohol	2.418	59	408249	780.12	ug/L	94
26) Di-isopropyl ether	2.558	45	440389	94.10	ug/L	98
27) Chloroprene	2.656	53	386951	93.15	ug/L	99
28) 1,1-Dichloroethane	2.625	63	242811	91.45	ug/L	98
29) Acrylonitrile	2.656	52	312539	494.30	ug/L	99
30) ETBE	2.753	59	462152	98.52	ug/L	96
31) Vinyl acetate	2.753	43	1966592	485.40	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	133273	88.71	ug/L	87
33) 2,2-Dichloropropane	2.973	77	215707	90.02	ug/L	99
34) Bromochloromethane	3.022	128	69180	88.89	ug/L	95
35) Cyclohexane	3.028	56	218666	95.80	ug/L	95
36) Chloroform	3.058	83	247534	90.47	ug/L	98
37) Ethyl acetate	3.119	43	1319163	490.91	ug/L	99
38) Tetrahydrofuran	3.156	42	91214	89.96	ug/L	94
40) Carbon Tetrachloride	3.138	117	193547m	91.41	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	210096	87.09	ug/L	95
42) 2-Butanone	3.229	43	658624	470.84	ug/L	98
43) 1,1-Dichloropropene	3.241	75	164583	92.26	ug/L	88
44) tert-Butyl formate	3.302	59	859931	481.86	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:45:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.400	54	372043	933.00	ug/L	#	30
46) Methacrylonitrile	3.406	41	1277627	921.88	ug/L		99
47) Benzene	3.381	78	503420	90.66	ug/L		99
48) TAME	3.442	73	422306	92.42	ug/L		93
50) 1,2-Dichloroethane	3.491	62	196174	93.37	ug/L		99
51) Isobutyl Alcohol	3.442	43	131987	2016.39	ug/L		75
52) Tert Amyl Alcohol	3.552	59	460980	970.53	ug/L		96
53) Trichloroethene	3.711	95	138048	89.73	ug/L		95
54) Methylcyclohexane	3.711	83	198333	97.43	ug/L		94
55) Dibromomethane	3.954	93	97258	92.71	ug/L		98
56) 1,2-Dichloropropane	4.015	63	136282	91.82	ug/L		97
57) Bromodichloromethane	4.046	83	196005	91.48	ug/L		99
58) Methyl methacrylate	4.131	41	170198	95.46	ug/L	#	86
59) 1,4-Dioxane	4.180	88	69922	2188.68	ug/L		93
60) 2-Chloroethyl vinyl ether	4.387	63	513282	488.80	ug/L		98
61) cis-1,3-Dichloropropene	4.430	75	229234	94.31	ug/L		94
64) Toluene	4.582	91	534175	95.02	ug/L		100
65) 2-Nitropropane	4.723	41	398531	490.07	ug/L		99
66) 4-Methyl-2-pentanone	4.820	43	1204312	504.38	ug/L		98
67) trans-1,3-Dichloropropene	4.845	75	226996	98.25	ug/L		96
68) Tetrachloroethene	4.832	166	149617	98.50	ug/L		98
69) Ethyl methacrylate	4.942	69	210522	101.29	ug/L		93
70) 1,1,2-Trichloroethane	4.948	83	111003	94.12	ug/L		98
71) Dibromochloromethane	5.070	129	164247	100.50	ug/L		98
72) 1,3-Dichloropropane	5.131	76	222106	97.71	ug/L		92
73) 1,2-Dibromoethane	5.229	107	153342	97.53	ug/L		100
74) 3,3-Dimethyl-1-Butanol	5.363	57	2425391	5134.36	ug/L		95
75) 2-hexanone	5.375	43	1366428	503.41	ug/L	#	57
76) 1-Chlorohexane	5.570	91	175446m	82.22	ug/L		
77) Ethylbenzene	5.607	91	582199m	93.45	ug/L		
78) Chlorobenzene	5.588	112	356650	94.81	ug/L		98
79) 1,1,1,2-Tetrachloroethane	5.631	131	136688	95.14	ug/L		99
80) m,p-Xylene	5.710	91	909297	186.40	ug/L		98
81) o-Xylene	6.021	91	449111	91.53	ug/L		99
82) Styrene	6.058	104	387926	101.52	ug/L		99
83) Bromoform	6.076	173	123122	104.75	ug/L		98
84) Isopropylbenzene	6.253	105	555078	90.83	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.503	53	87748	88.36	ug/L		95
88) n-Propylbenzene	6.564	91	631949	89.62	ug/L		99
89) Bromobenzene	6.533	156	153861	94.96	ug/L		90
90) 1,1,2,2-Tetrachloroethane	6.612	83	215043	89.54	ug/L		99
91) 1,3,5-Trimethylbenzene	6.716	105	456992	88.76	ug/L		100
92) 2-Chlorotoluene	6.673	91	344218	88.22	ug/L		97
93) trans-1,4-Dichloro-2-B...	6.747	53	68319	99.10	ug/L		89
94) 1,2,3-Trichloropropane	6.710	110	70215	97.63	ug/L		92
95) Cyclohexanone	6.747	55	76785	504.76	ug/L		98
96) 4-Chlorotoluene	6.801	91	409183	91.44	ug/L		96
97) tert-Butylbenzene	6.960	91	241652	88.06	ug/L		98
98) 1,2,4-Trimethylbenzene	7.015	105	454524	90.61	ug/L		100
99) Pentachloroethane	6.972	167	84280	91.41	ug/L		94
100) sec-Butylbenzene	7.100	105	506890	85.92	ug/L		99
101) 4-Isopropyltoluene	7.216	119	442529	87.28	ug/L		99
102) 1,3-Dichlorobenzene	7.259	146	269309	92.75	ug/L		98
103) 1,2,3-Trimethylbenzene	7.350	105	472649	90.53	ug/L		99
104) 1,4-Dichlorobenzene	7.332	146	272091	91.94	ug/L		98
105) n-Butylbenzene	7.533	92	231746	86.59	ug/L		96
106) Benzyl Chloride	7.521	126	97678	97.99	ug/L		96
107) 1,2-Dichlorobenzene	7.643	146	261350	94.16	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:45:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration

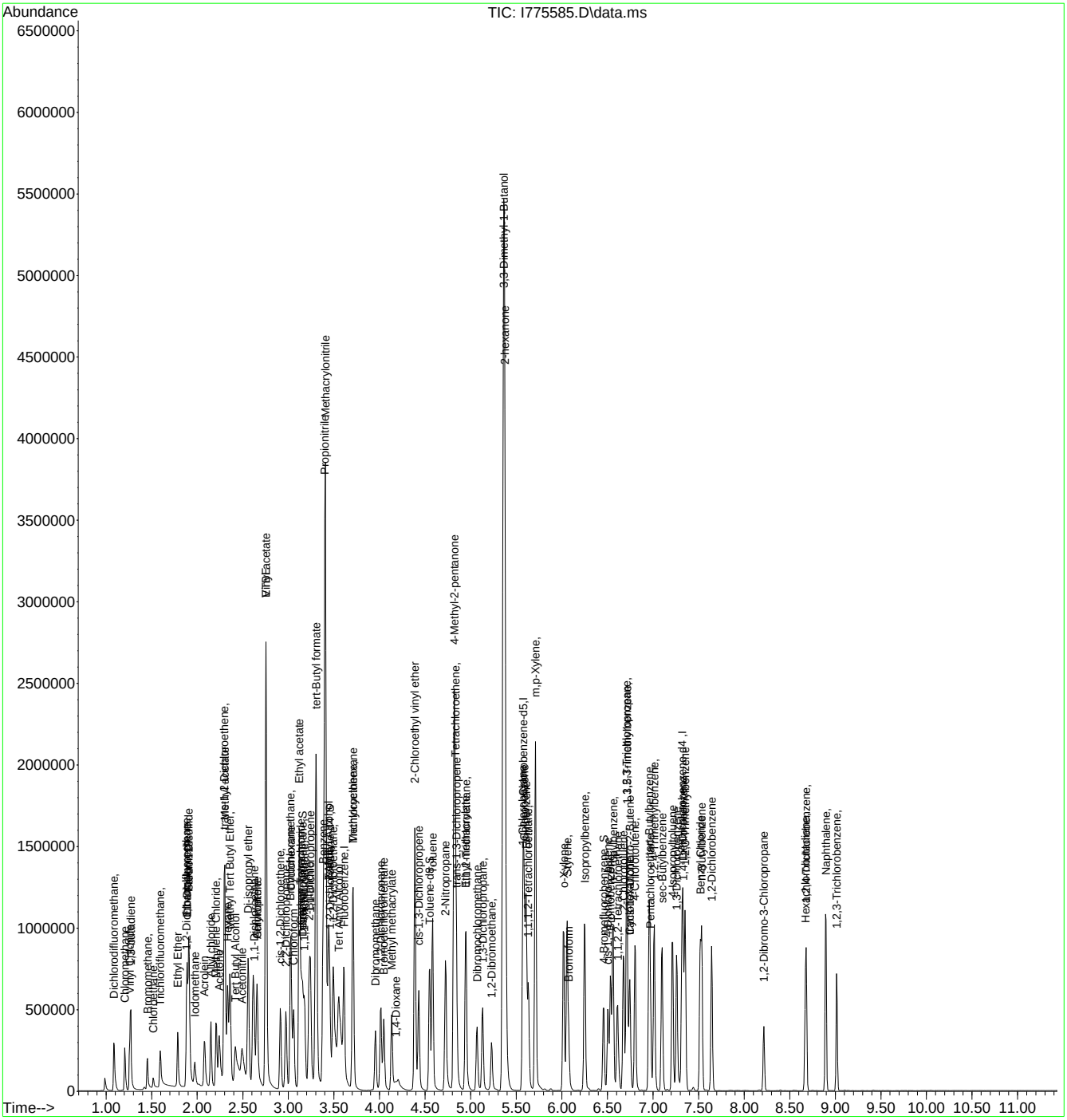
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	65938	101.60	ug/L	95
109) Hexachlorobutadiene	8.673	225	49083	79.15	ug/L	95
110) 1,2,4-Trichlorobenzene	8.679	180	145973	88.82	ug/L	98
111) Naphthalene	8.899	128	572295	95.59	ug/L	100
112) 1,2,3-Trichlorobenzene	9.014	180	133858	89.30	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:45:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration



Manual Integration Approval Summary

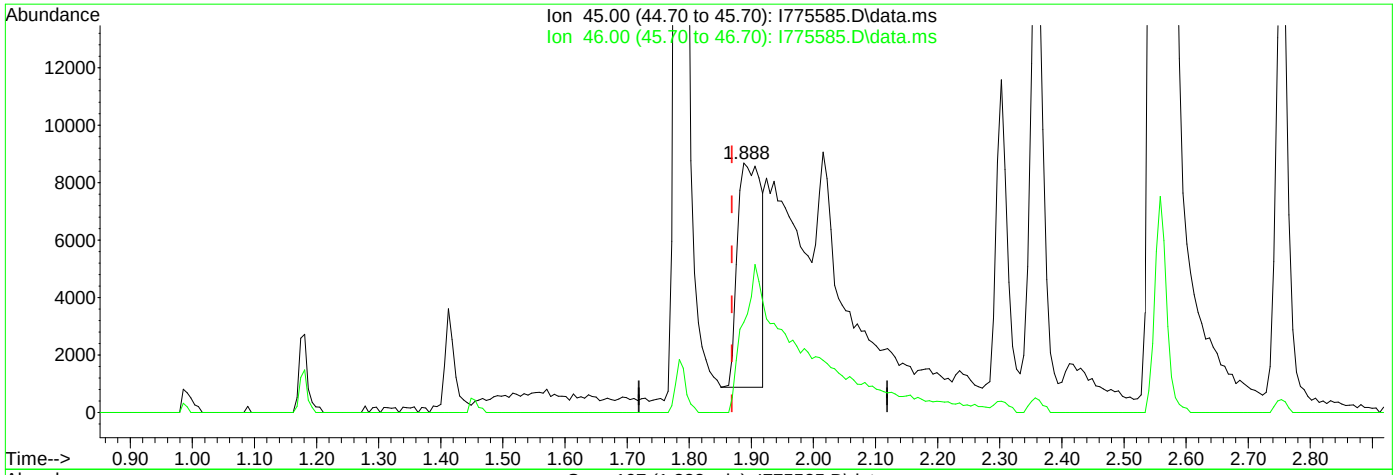
Sample Number: VI3738-IC3738
Lab FileID: I775585.D
Injection Time: 11/06/25 11:32
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

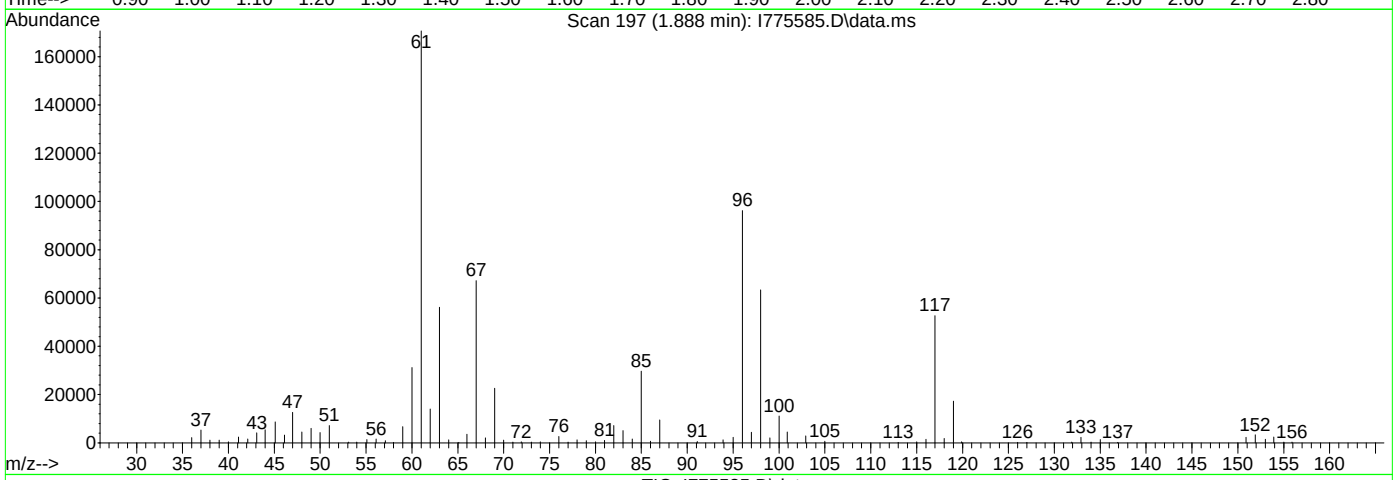
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.89	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(10) Ethanol

1.888min (+0.019) 479.55ug/L

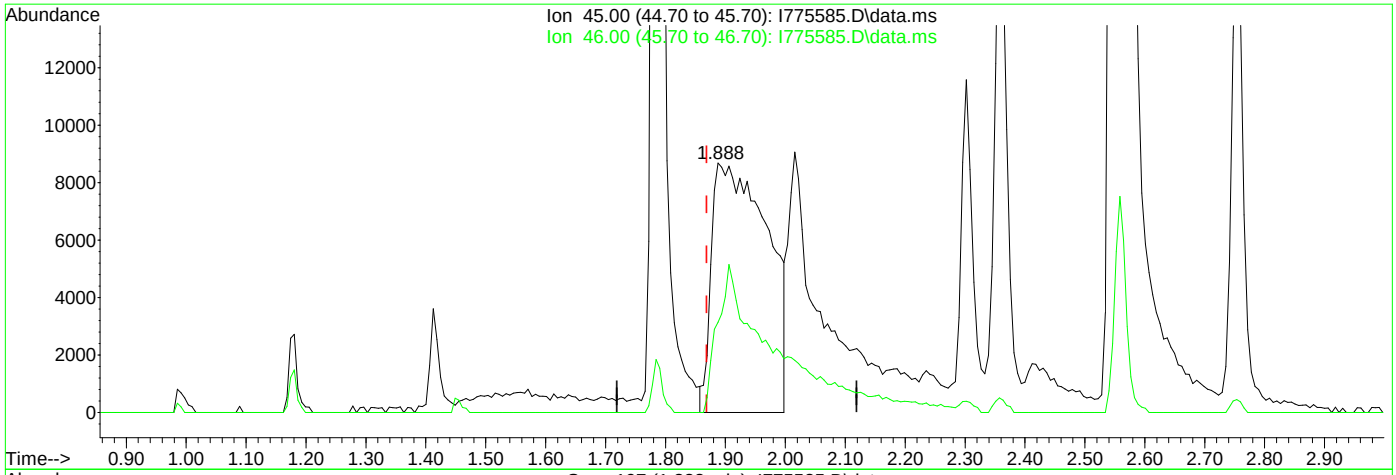
response 20798

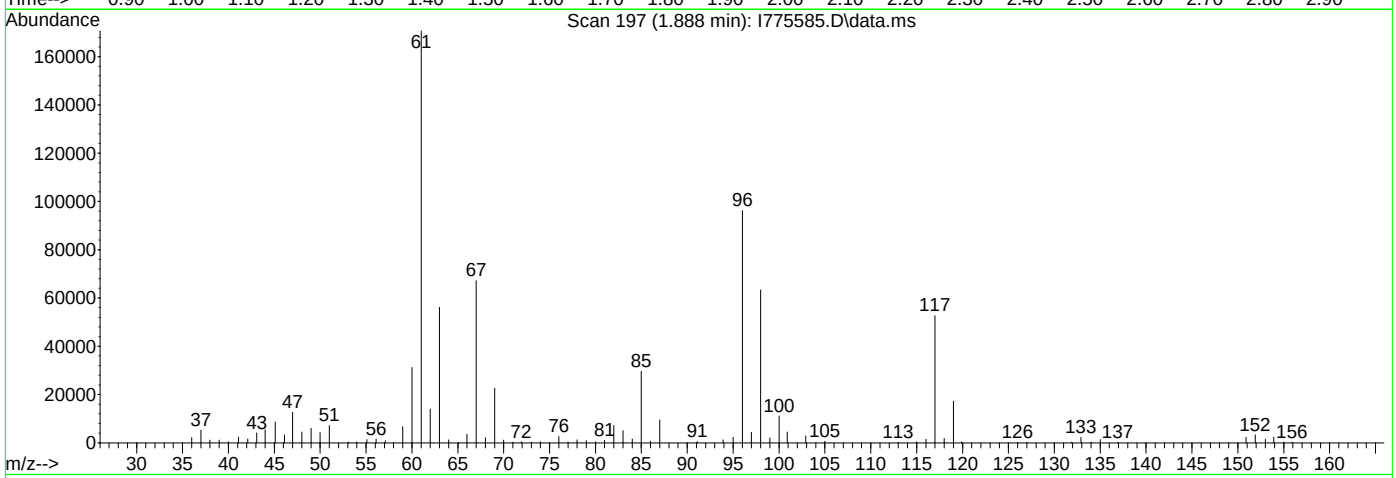
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	40.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(10) Ethanol

1.888min (+0.019) 1291.46ug/L m

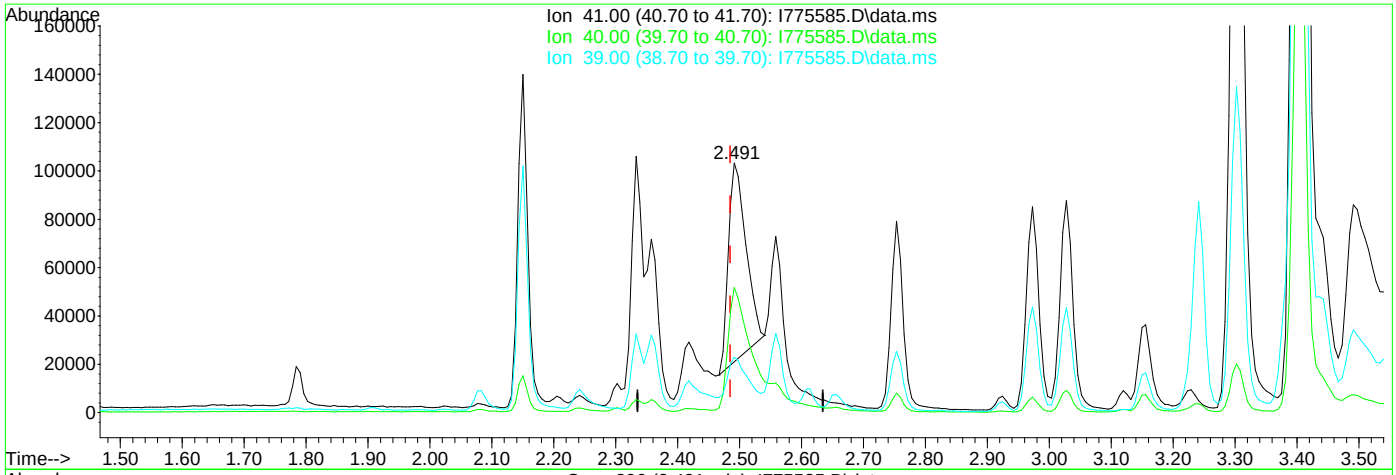
response 56011

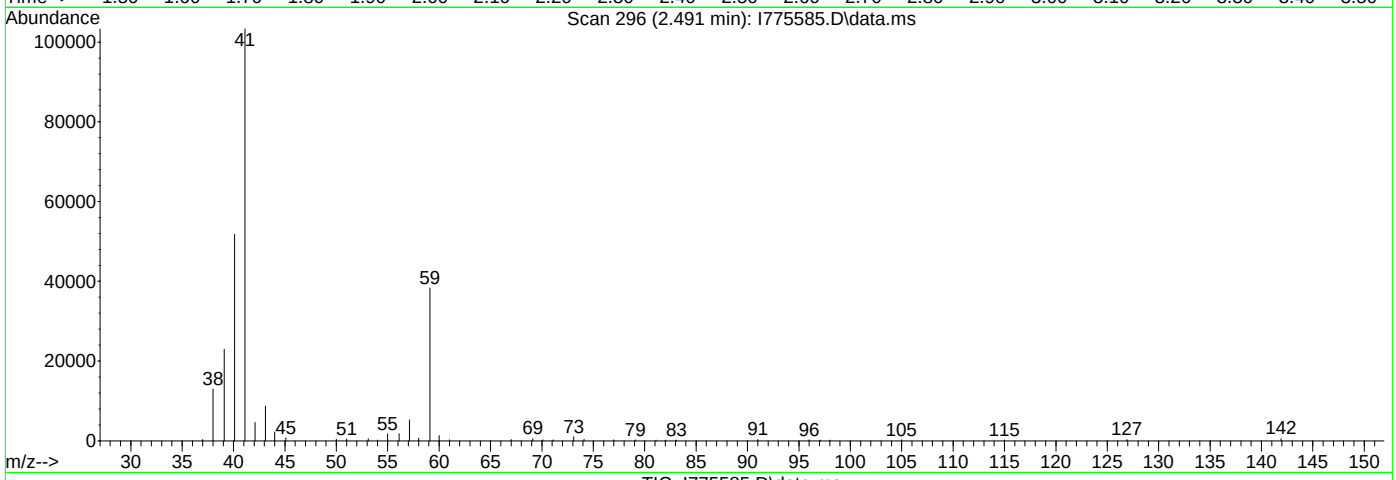
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	36.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(24) Acetonitrile

2.491min (+0.006) 438.21ug/L

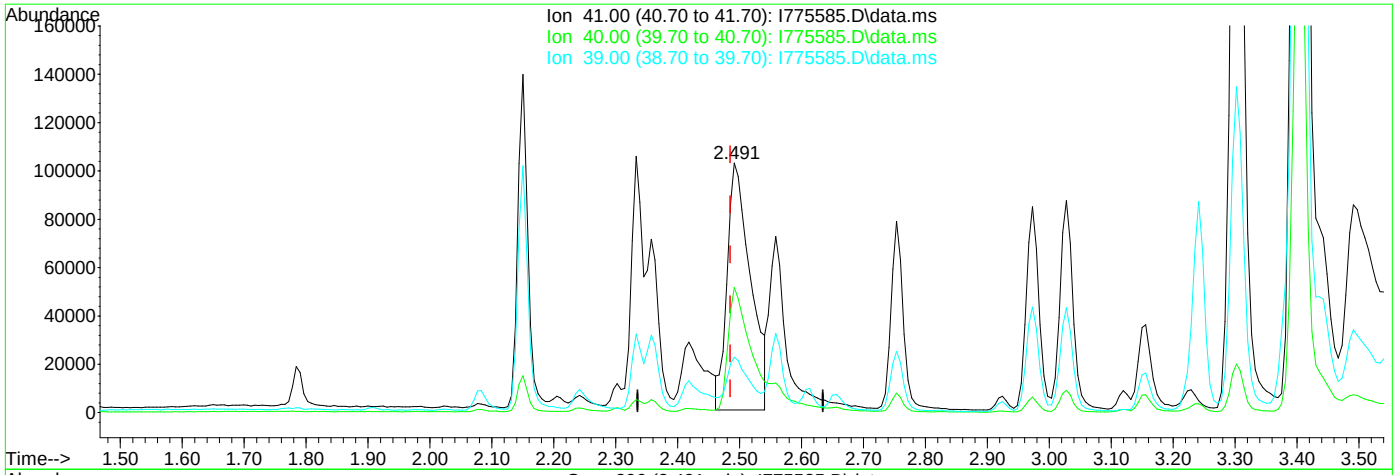
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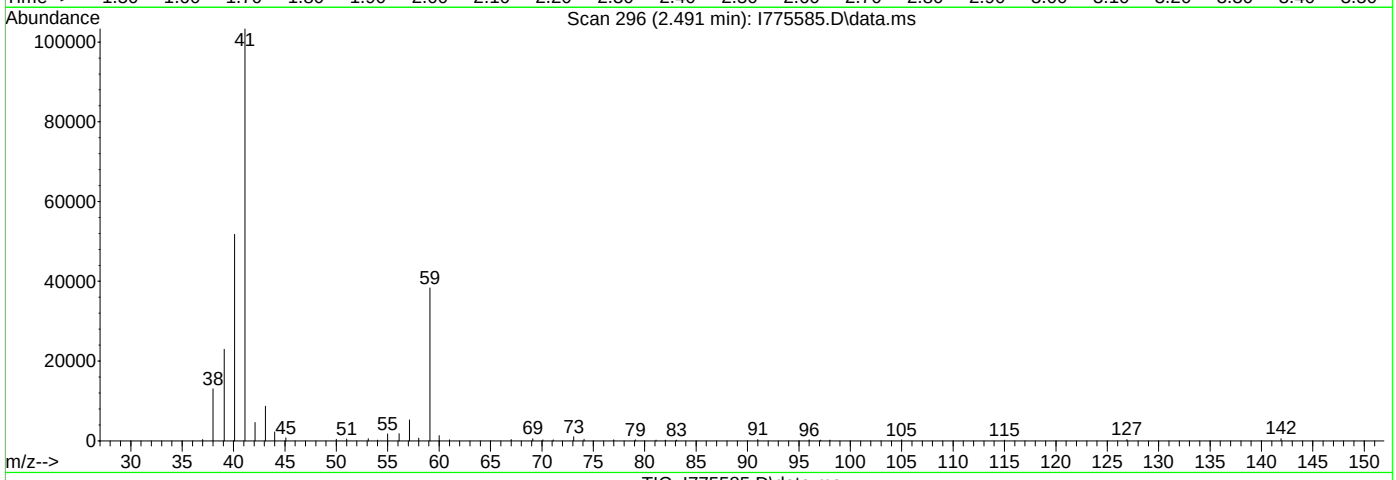
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	56.65
39.00	21.50	18.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(24) Acetonitrile

2.491min (+0.006) 718.23ug/L m

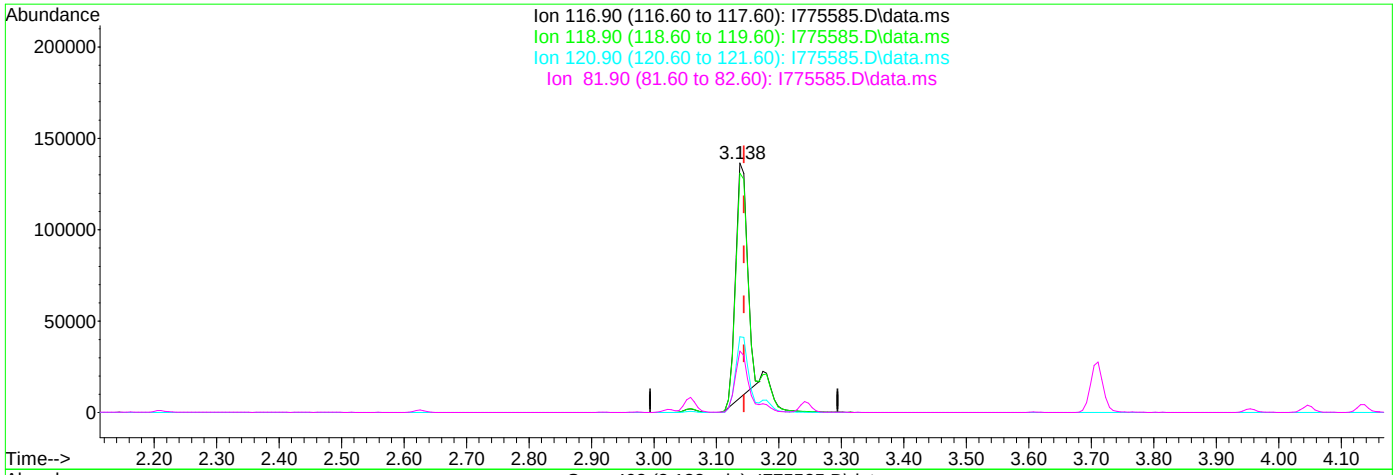
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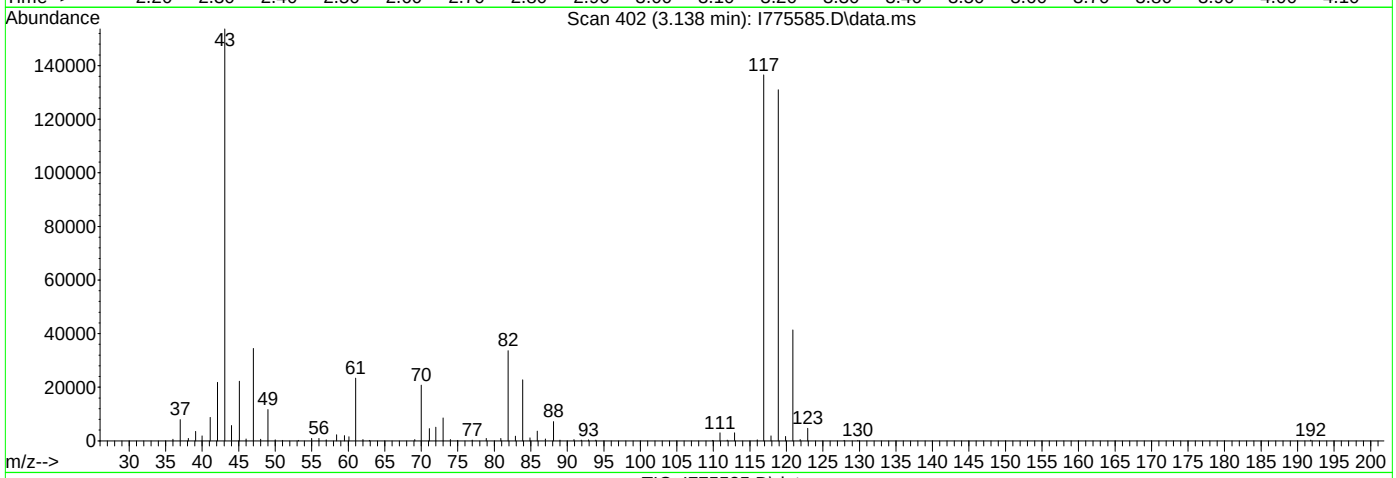
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	50.10
39.00	21.50	22.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 80.35ug/L

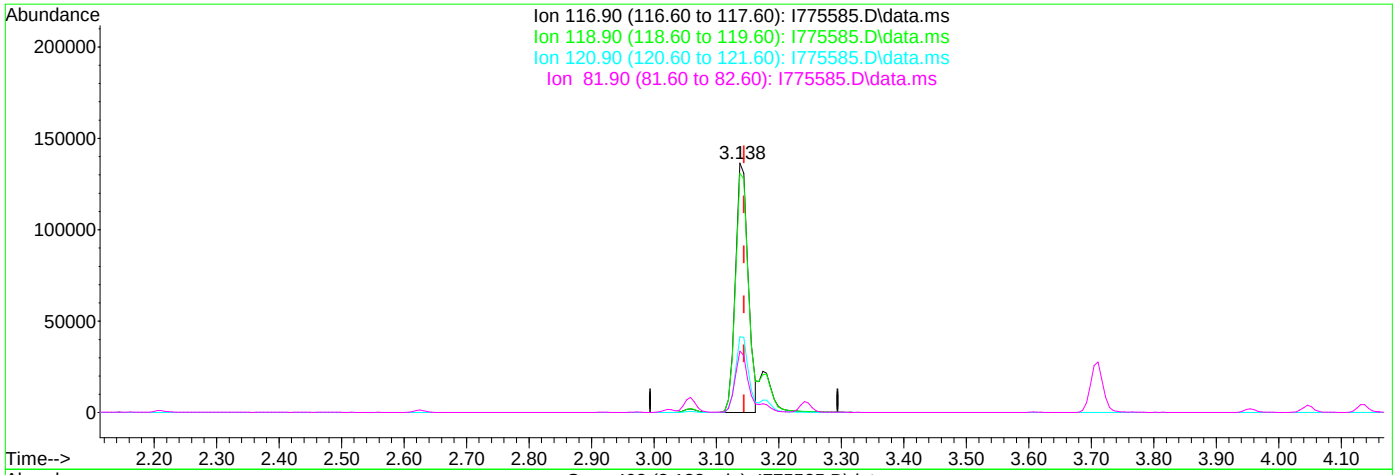
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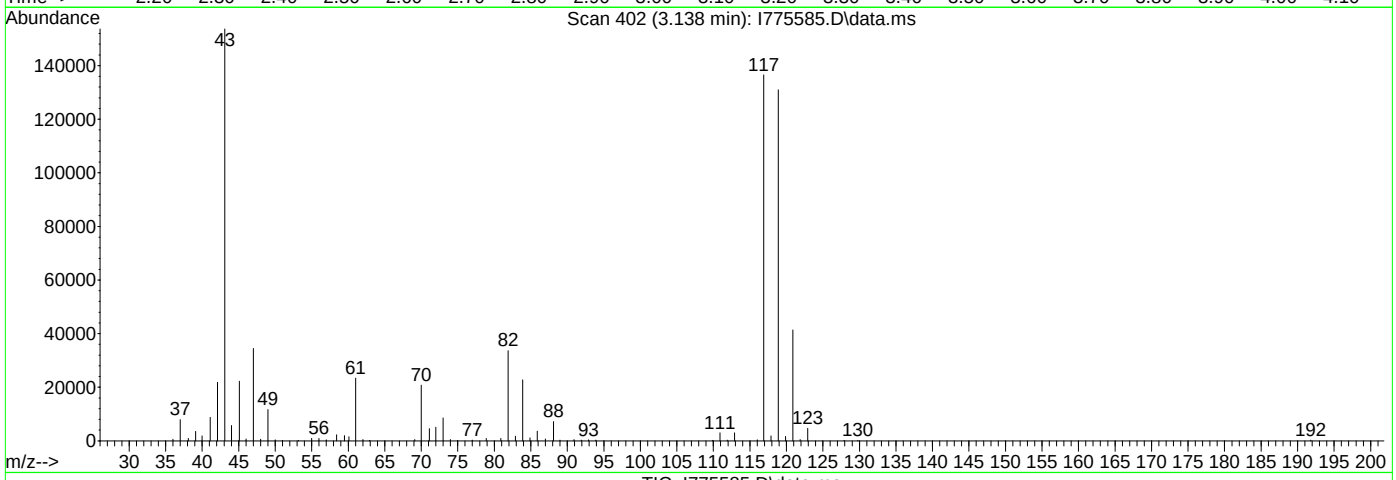
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.99
120.90	31.70	30.34
81.90	26.00	24.50

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 91.41ug/L m

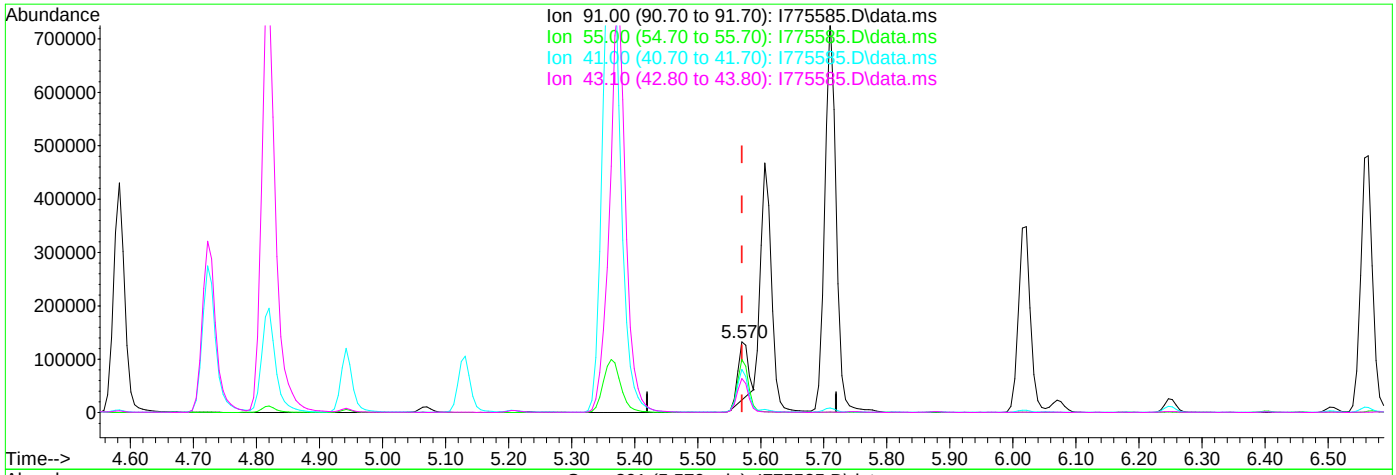
response 193547

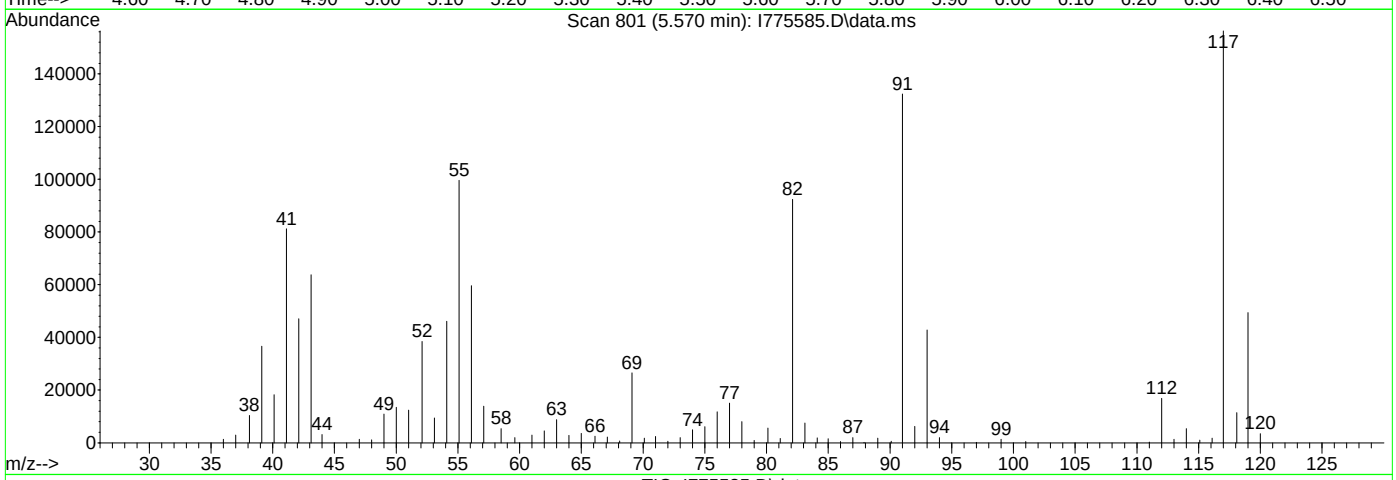
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.94
120.90	31.70	30.31
81.90	26.00	24.61

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(76) 1-Chlorohexane

5.570min (0.000) 57.55ug/L

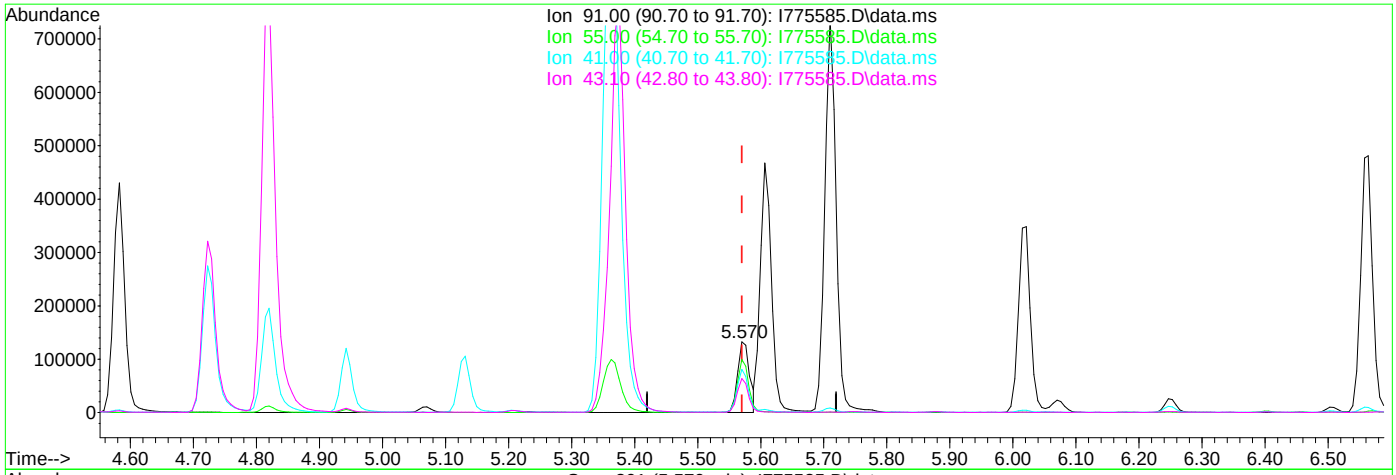
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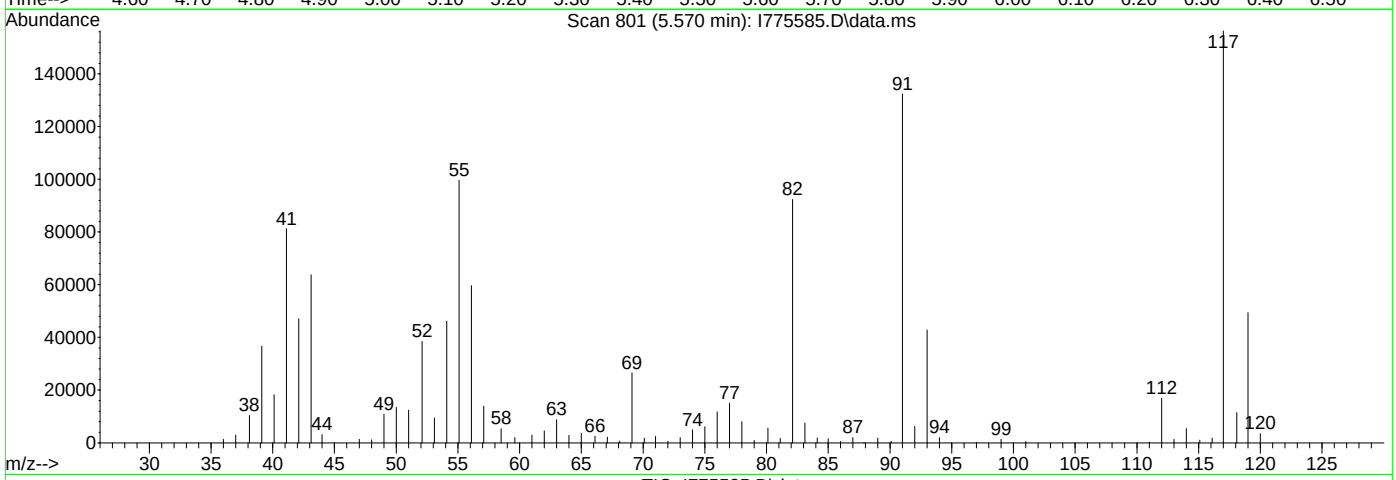
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	74.42
41.00	47.90	59.87
43.10	37.40	47.19

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(76) 1-Chlorohexane

5.570min (0.000) 82.22ug/L m

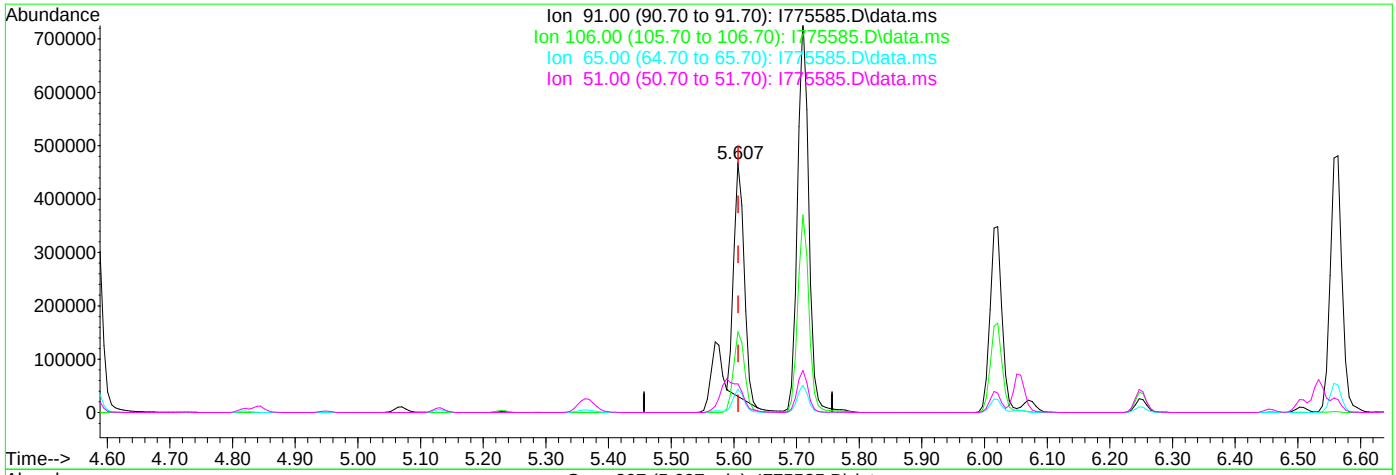
response 175446

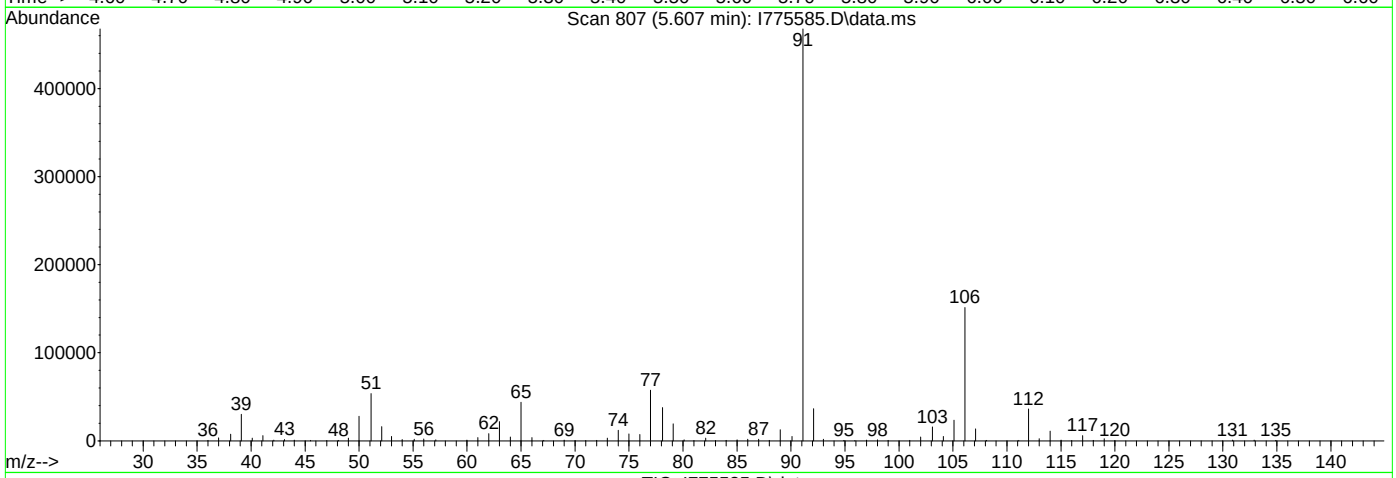
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	75.28
41.00	47.90	61.39
43.10	37.40	48.22

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(77) Ethylbenzene

5.607min (-0.000) 79.70ug/L

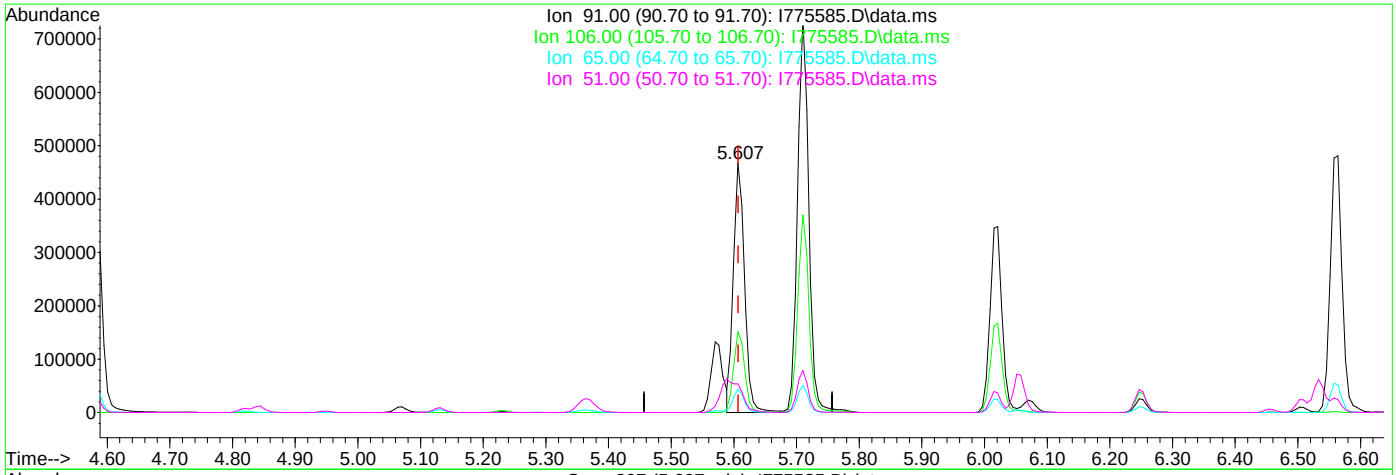
response 496523

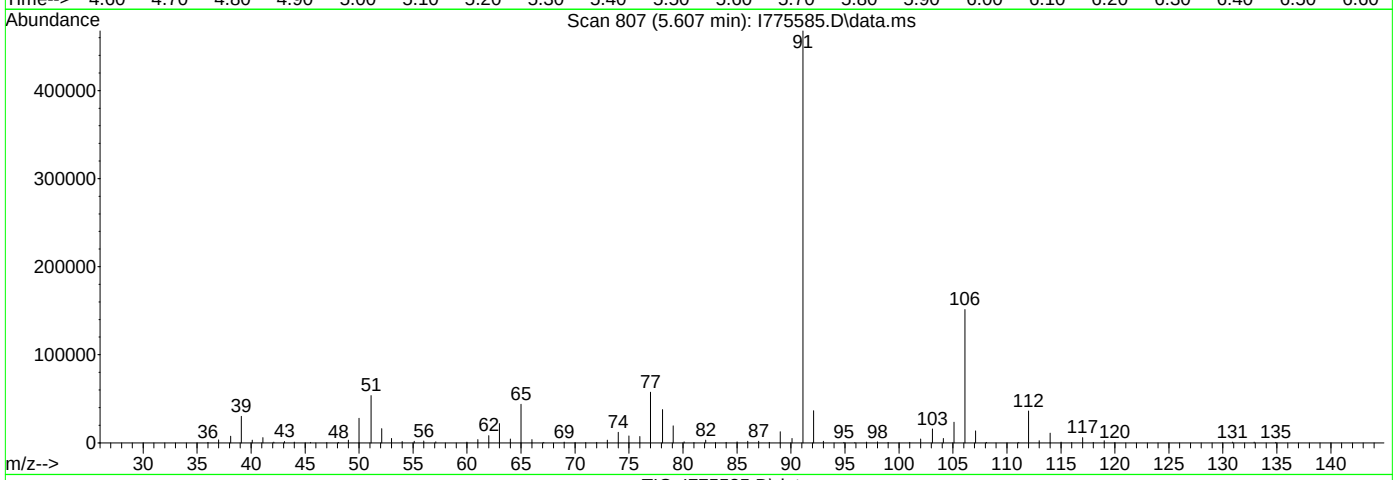
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.38
65.00	8.60	9.34
51.00	10.50	11.01

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775585.D
Acq On : 6 Nov 2025 11:32 am
Operator : jeniferw
Sample : IC3738-7 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 06 11:44:29 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:32:12 2025
Response via : Initial Calibration





TIC: I775585.D\data.ms

(77) Ethylbenzene

5.607min (-0.000) 93.45ug/L m

response 582199

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.37
65.00	8.60	9.38
51.00	10.50	11.48

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 13:32:21 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 13:32:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	380983	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	281335	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	150851	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113978	49.85	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.70%			
49) 1,2-Dichloroethane-d4	3.449	65	131368	49.21	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 98.42%			
63) Toluene-d8	4.546	98	364507	49.60	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 99.20%			
86) 4-Bromofluorobenzene	6.454	174	115160	50.57	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 101.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	18386	9.51	ug/L	99
3) Chloromethane	1.205	50	15438	9.57	ug/L	99
4) 1,3-butadiene	1.266	39	12584	10.82	ug/L	94
5) Vinyl Chloride	1.260	62	16267	9.50	ug/L	99
6) Bromomethane	1.449	94	6480	8.82	ug/L	97
7) Chloroethane	1.516	64	4441	10.14	ug/L	91
8) Trichlorofluoromethane	1.601	101	22038	9.36	ug/L	99
9) Ethyl Ether	1.784	59	12084	9.80	ug/L	95
10) Ethanol	1.870	45	7450	124.35	ug/L	88
11) 1,2-Dichlorotrifluoroe...	1.882	67	9654	9.12	ug/L	94
12) 1,1-Dichloroethene	1.888	61	19757	9.30	ug/L	92
13) Freon 113	1.912	101	12511	9.47	ug/L	95
14) Carbon Disulfide	1.912	76	39654	9.52	ug/L	97
15) Iodomethane	1.973	142	10667	9.06	ug/L	99
16) Acrolein	2.077	56	19525	49.68	ug/L	97
17) Allyl chloride	2.150	41	17641	9.86	ug/L	95
18) Methylene Chloride	2.205	49	18183	10.13	ug/L	96
19) Acetone	2.235	43	34218	48.11	ug/L	99
20) Methyl acetate	2.296	43	86872	45.72	ug/L	100
21) trans-1,2-Dichloroethene	2.296	61	19405	9.23	ug/L	98
22) Hexane	2.333	56	10316	9.22	ug/L	97
23) Methyl Tert Butyl Ether	2.351	73	44011	9.70	ug/L	90
24) Acetonitrile	2.485	41	23318	82.89	ug/L	98
25) Tert Butyl Alcohol	2.400	59	49185	96.75	ug/L	99
26) Di-isopropyl ether	2.552	45	44750	9.58	ug/L	98
27) Chloroprene	2.650	53	41714	10.02	ug/L	99
28) 1,1-Dichloroethane	2.619	63	24219	9.19	ug/L	96
29) Acrylonitrile	2.650	52	30547	48.32	ug/L	99
30) ETBE	2.747	59	45063	9.65	ug/L	96
31) Vinyl acetate	2.747	43	204320	50.23	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	13458	9.15	ug/L	87
33) 2,2-Dichloropropane	2.973	77	21059	9.89	ug/L	100
34) Bromochloromethane	3.022	128	7582	9.88	ug/L	94
35) Cyclohexane	3.028	56	21616	9.47	ug/L	96
36) Chloroform	3.052	83	24957	9.23	ug/L	98
37) Ethyl acetate	3.113	43	132098	49.07	ug/L	99
38) Tetrahydrofuran	3.150	42	9301	9.37	ug/L	94
40) Carbon Tetrachloride	3.138	117	16678	7.99	ug/L	99
41) 1,1,1-Trichloroethane	3.174	97	20555	9.65	ug/L	95
42) 2-Butanone	3.223	43	64376	46.51	ug/L	97
43) 1,1-Dichloropropene	3.241	75	16898	9.51	ug/L	93
44) tert-Butyl formate	3.296	59	88445	50.11	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 13:32:21 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 13:32:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.388	54	36977	93.94	ug/L	#	78
46) Methacrylonitrile	3.394	41	132437	96.63	ug/L		98
47) Benzene	3.382	78	50673	9.22	ug/L		80
48) TAME	3.436	73	42346	9.38	ug/L		94
50) 1,2-Dichloroethane	3.491	62	19931	9.59	ug/L		97
51) Isobutyl Alcohol	3.436	43	11748	180.21	ug/L		96
52) Tert Amyl Alcohol	3.540	59	43243	91.70	ug/L		95
53) Trichloroethene	3.705	95	14399	9.41	ug/L		98
54) Methylcyclohexane	3.705	83	20100	9.86	ug/L		93
55) Dibromomethane	3.948	93	10116	9.73	ug/L		96
56) 1,2-Dichloropropane	4.009	63	13750	9.40	ug/L		94
57) Bromodichloromethane	4.046	83	19861	9.40	ug/L		97
58) Methyl methacrylate	4.131	41	16420	9.24	ug/L		91
59) 1,4-Dioxane	4.168	88	9111	255.29	ug/L		90
60) 2-Chloroethyl vinyl ether	4.381	63	52524	50.53	ug/L		98
61) cis-1,3-Dichloropropene	4.424	75	23573	9.75	ug/L		94
64) Toluene	4.576	91	52648	9.24	ug/L		98
65) 2-Nitropropane	4.717	41	37662	46.07	ug/L		98
66) 4-Methyl-2-pentanone	4.814	43	115713	47.66	ug/L		99
67) trans-1,3-Dichloropropene	4.839	75	22465	9.60	ug/L		94
68) Tetrachloroethene	4.832	166	14094	9.13	ug/L		98
69) Ethyl methacrylate	4.942	69	20401	9.58	ug/L		91
70) 1,1,2-Trichloroethane	4.948	83	11148	9.40	ug/L		97
71) Dibromochloromethane	5.064	129	15966	9.63	ug/L		98
72) 1,3-Dichloropropane	5.125	76	22104	9.62	ug/L		91
73) 1,2-Dibromoethane	5.229	107	15397	9.66	ug/L		99
74) 3,3-Dimethyl-1-Butanol	5.351	57	228467	479.22	ug/L		97
75) 2-hexanone	5.369	43	131008	47.62	ug/L		89
76) 1-Chlorohexane	5.570	91	11421	5.90	ug/L	#	78
77) Ethylbenzene	5.607	91	49439	7.80	ug/L		98
78) Chlorobenzene	5.588	112	35192	9.25	ug/L		97
79) 1,1,1,2-Tetrachloroethane	5.631	131	13590	9.38	ug/L		91
80) m,p-Xylene	5.710	91	92275	18.67	ug/L		97
81) o-Xylene	6.015	91	45581	9.23	ug/L		98
82) Styrene	6.052	104	35777	9.19	ug/L		99
83) Bromoform	6.070	173	11228	9.40	ug/L		98
84) Isopropylbenzene	6.247	105	56184	9.14	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.503	53	8354	9.61	ug/L		91
88) n-Propylbenzene	6.558	91	64465	9.29	ug/L		99
89) Bromobenzene	6.533	156	15355	9.58	ug/L		98
90) 1,1,2,2-Tetrachloroethane	6.606	83	21189	10.00	ug/L		96
91) 1,3,5-Trimethylbenzene	6.710	105	47201	9.35	ug/L		97
92) 2-Chlorotoluene	6.674	91	35974	9.40	ug/L		98
93) trans-1,4-Dichloro-2-B...	6.741	53	6578	9.88	ug/L		86
94) 1,2,3-Trichloropropane	6.710	110	6663	9.41	ug/L		99
95) Cyclohexanone	6.741	55	8442	54.76	ug/L		96
96) 4-Chlorotoluene	6.802	91	42082	9.52	ug/L		97
97) tert-Butylbenzene	6.954	91	25113	9.33	ug/L		96
98) 1,2,4-Trimethylbenzene	7.009	105	46654	9.42	ug/L		98
99) Pentachloroethane	6.966	167	8676	9.53	ug/L	#	64
100) sec-Butylbenzene	7.094	105	54637	9.44	ug/L		98
101) 4-Isopropyltoluene	7.210	119	47167	9.45	ug/L		99
102) 1,3-Dichlorobenzene	7.259	146	27121	9.45	ug/L		99
103) 1,2,3-Trimethylbenzene	7.350	105	48396	9.43	ug/L		99
104) 1,4-Dichlorobenzene	7.326	146	28120	9.63	ug/L		89
105) n-Butylbenzene	7.533	92	24781	9.42	ug/L		89
106) Benzyl Chloride	7.515	126	9673	9.78	ug/L	#	92
107) 1,2-Dichlorobenzene	7.643	146	25729	9.41	ug/L		99

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 13:32:21 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 13:32:11 2025
Response via : Initial Calibration

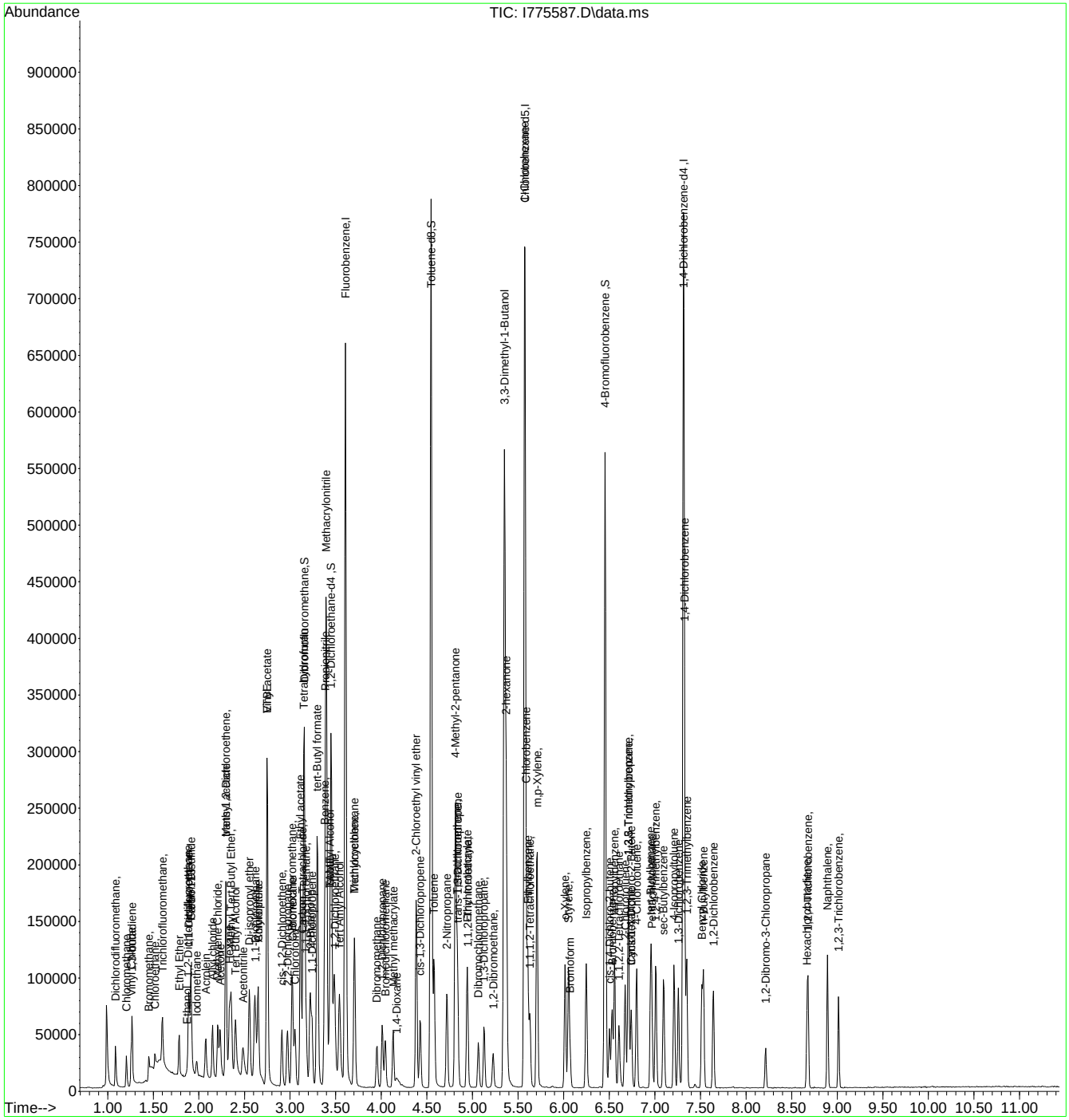
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	5877	9.18	ug/L	96
109) Hexachlorobutadiene	8.667	225	6407	12.19	ug/L	93
110) 1,2,4-Trichlorobenzene	8.679	180	16153	9.94	ug/L	98
111) Naphthalene	8.893	128	57082	9.66	ug/L	99
112) 1,2,3-Trichlorobenzene	9.015	180	14815	9.99	ug/L	97

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

Quantitation Report (Not Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

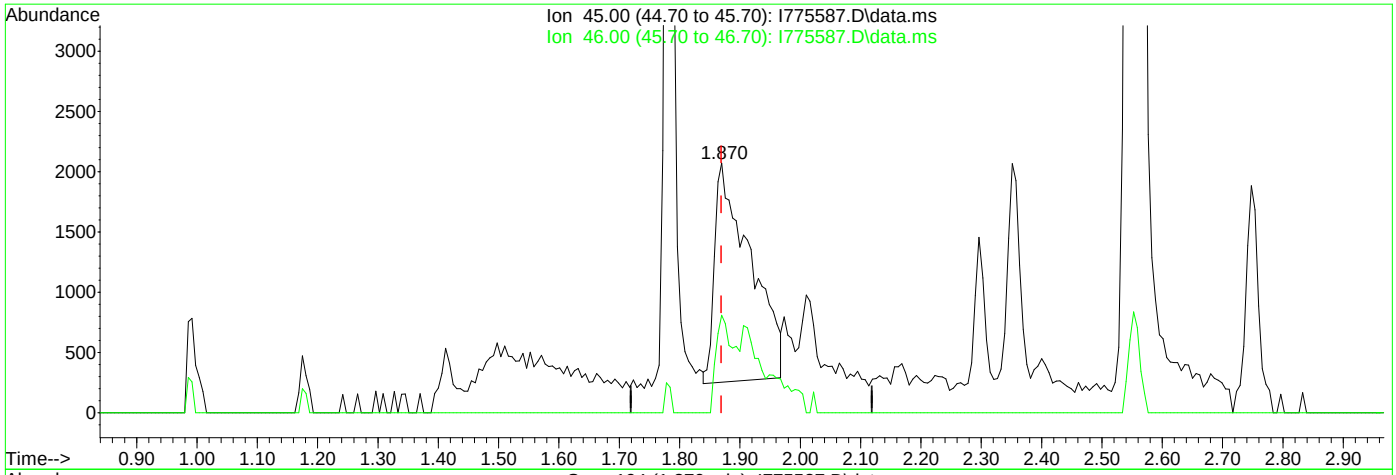
Quant Time: Nov 06 13:32:21 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 13:32:11 2025
Response via : Initial Calibration

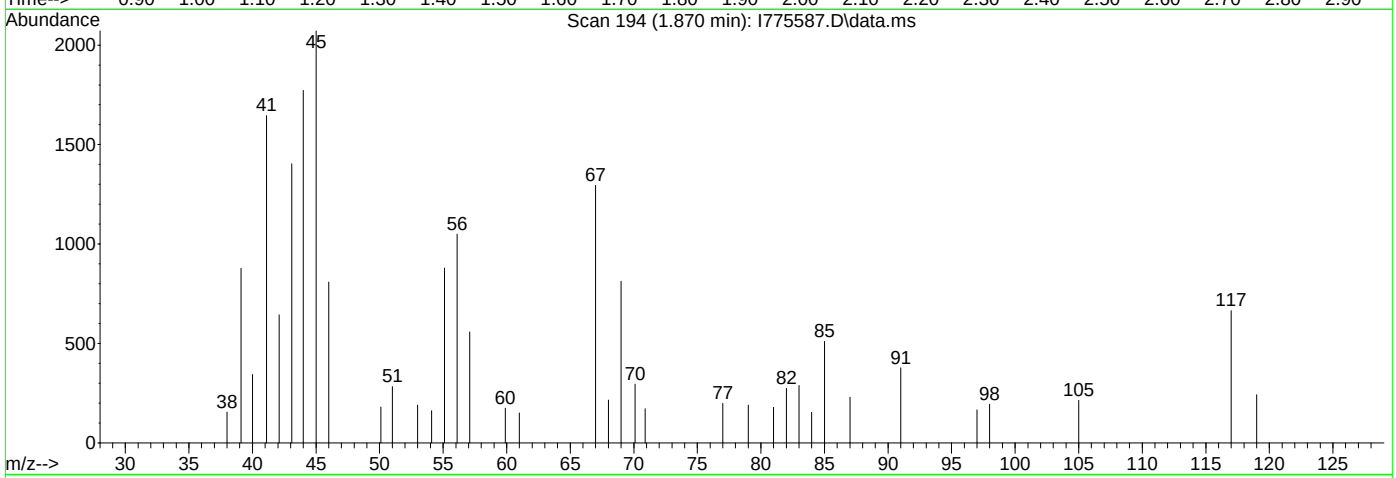


Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(10) Ethanol

1.870min (+0.001) 182.02ug/L

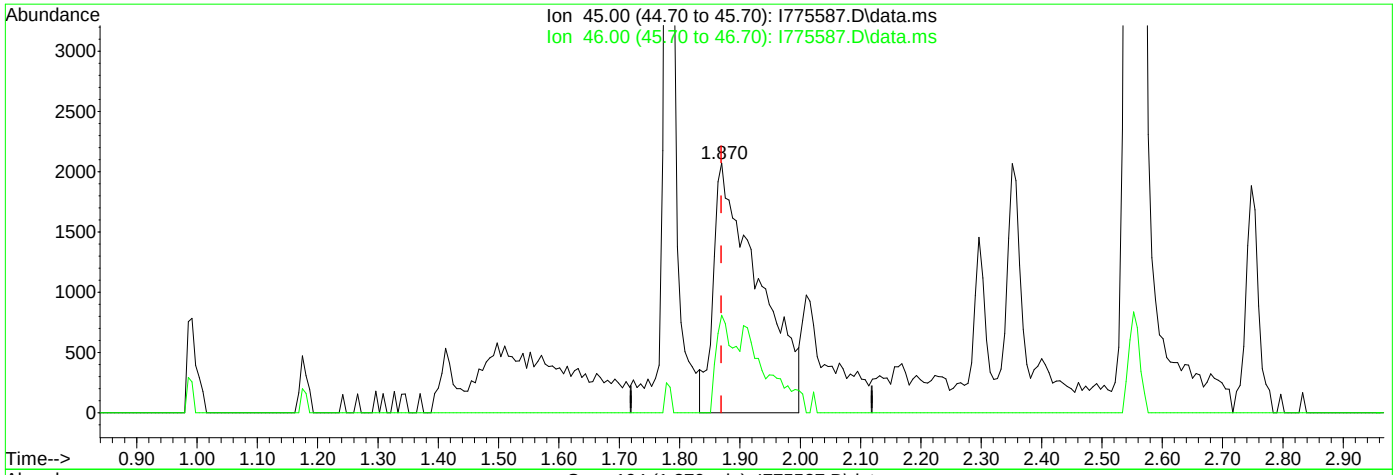
response 7450

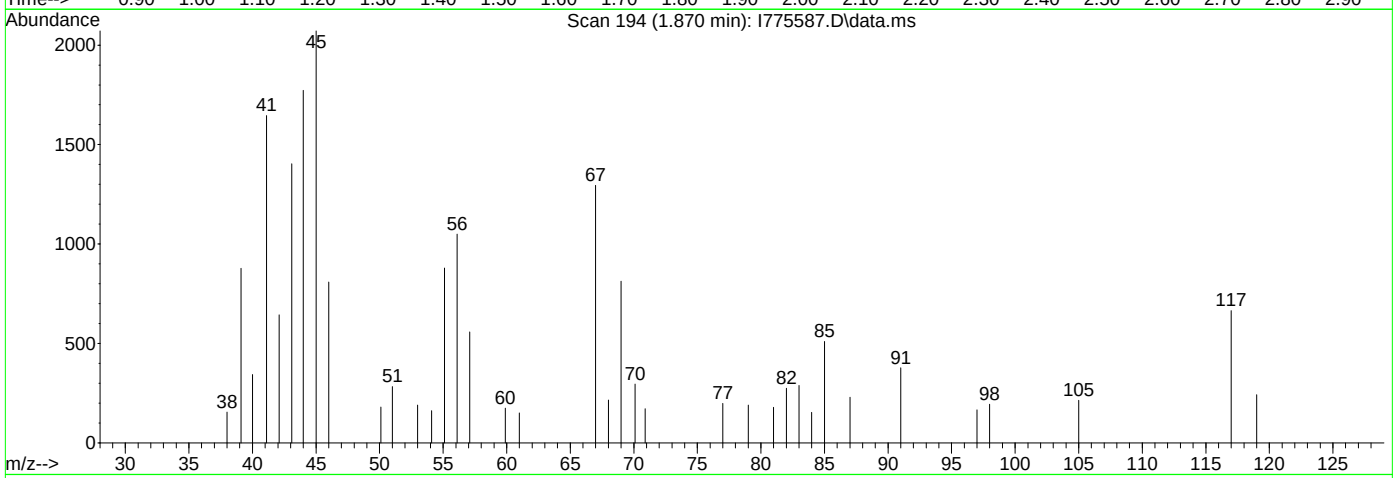
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	46.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(10) Ethanol

1.870min (+0.001) 262.48ug/L m

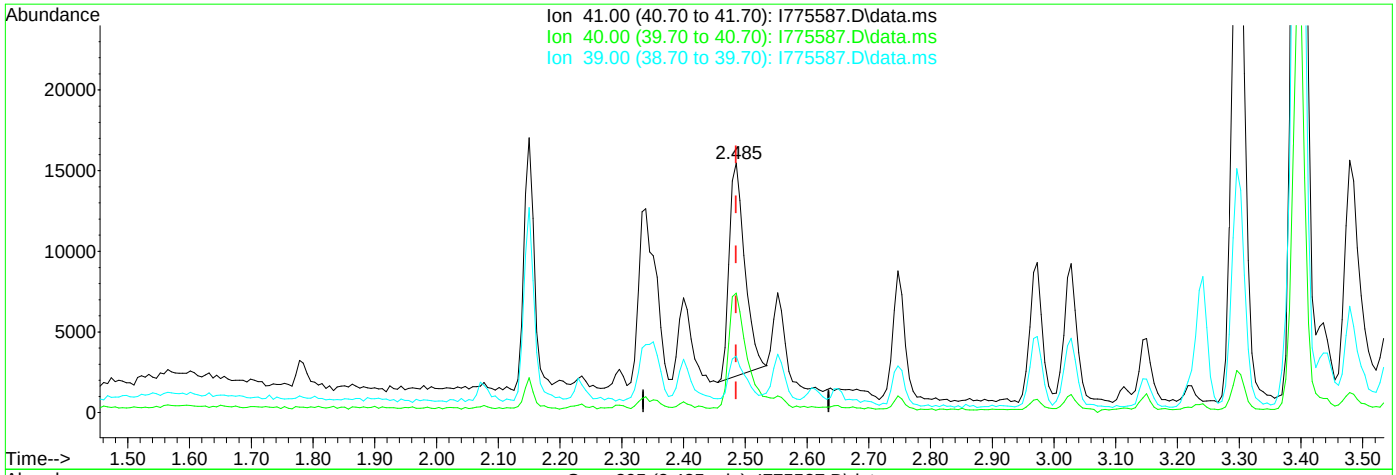
response 10743

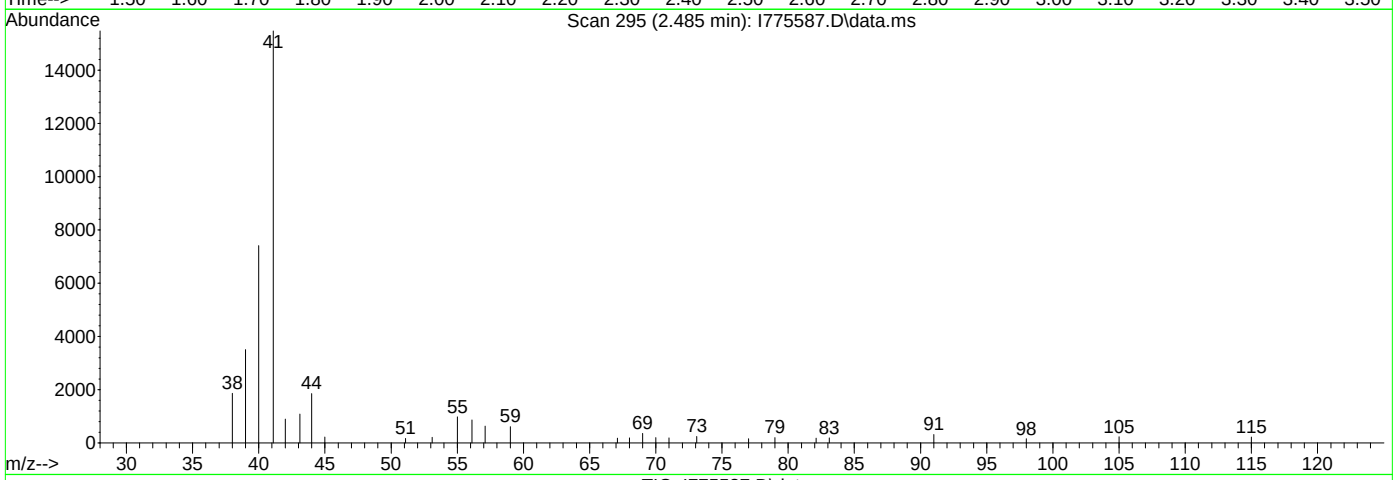
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	39.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 64.48ug/L

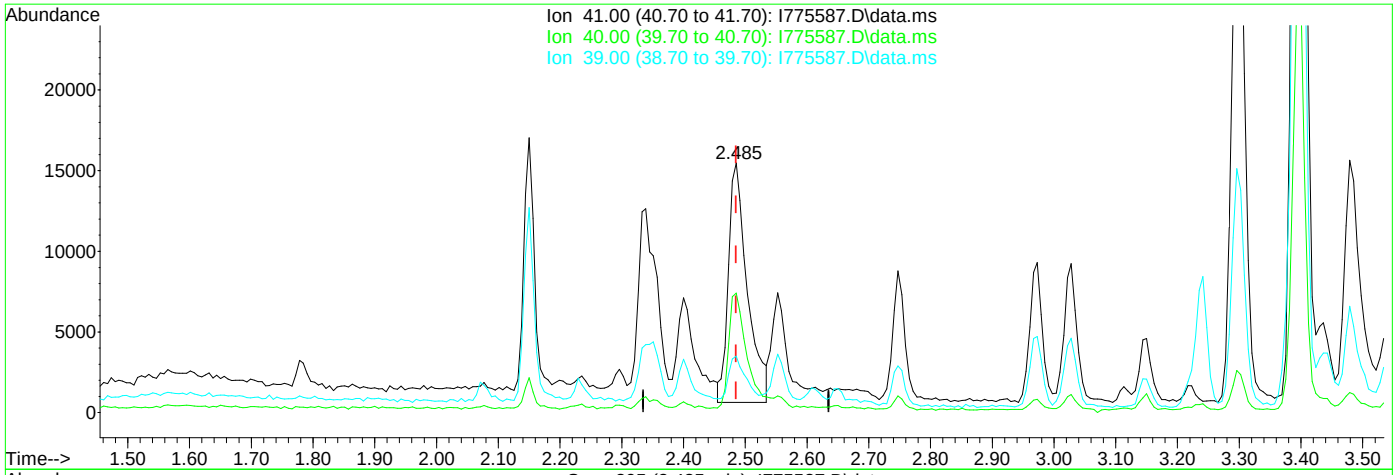
response 23318

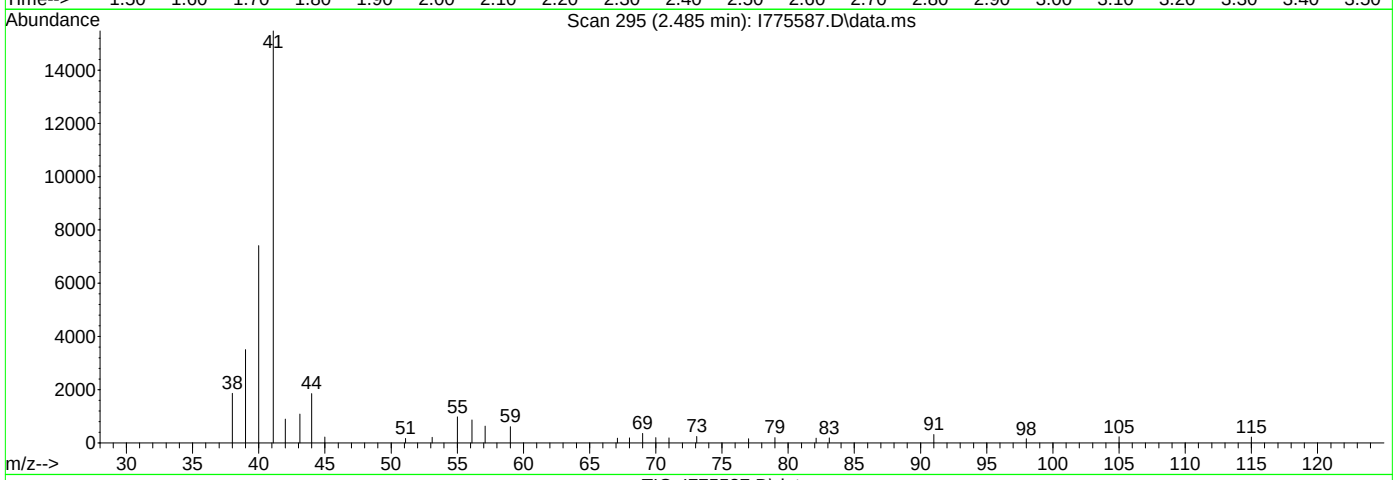
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.25
39.00	21.50	19.50
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 87.70ug/L m

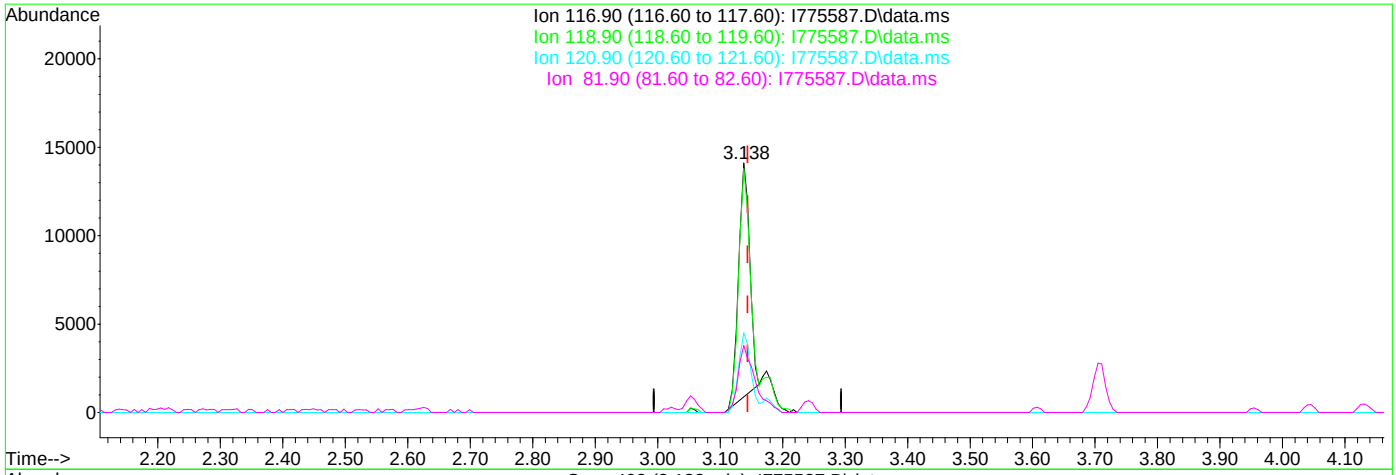
response 31717

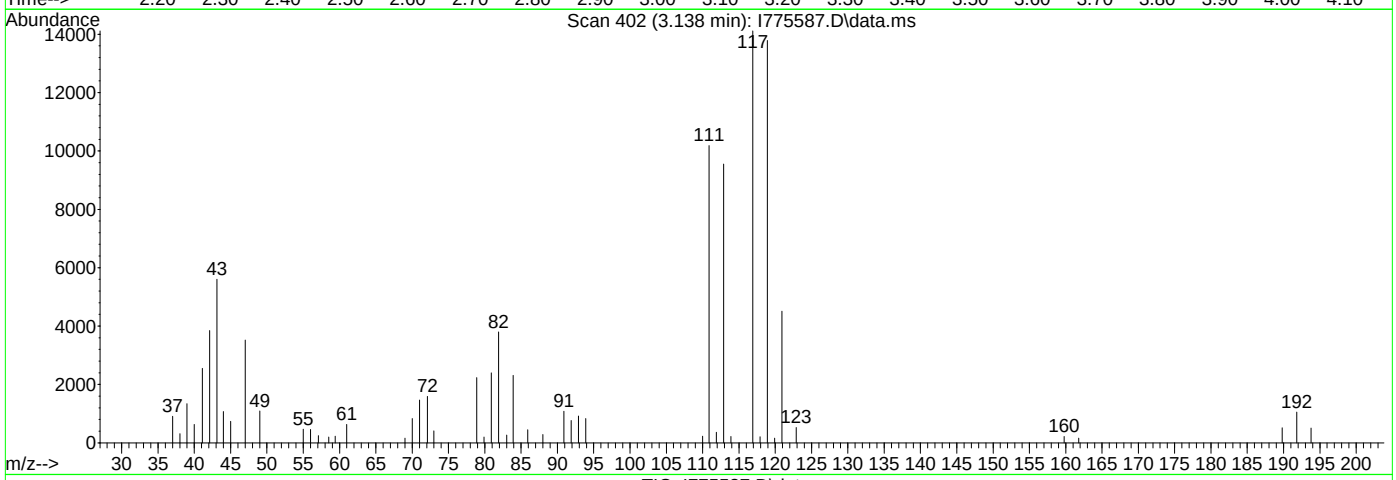
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	47.84
39.00	21.50	22.65
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 7.94ug/L

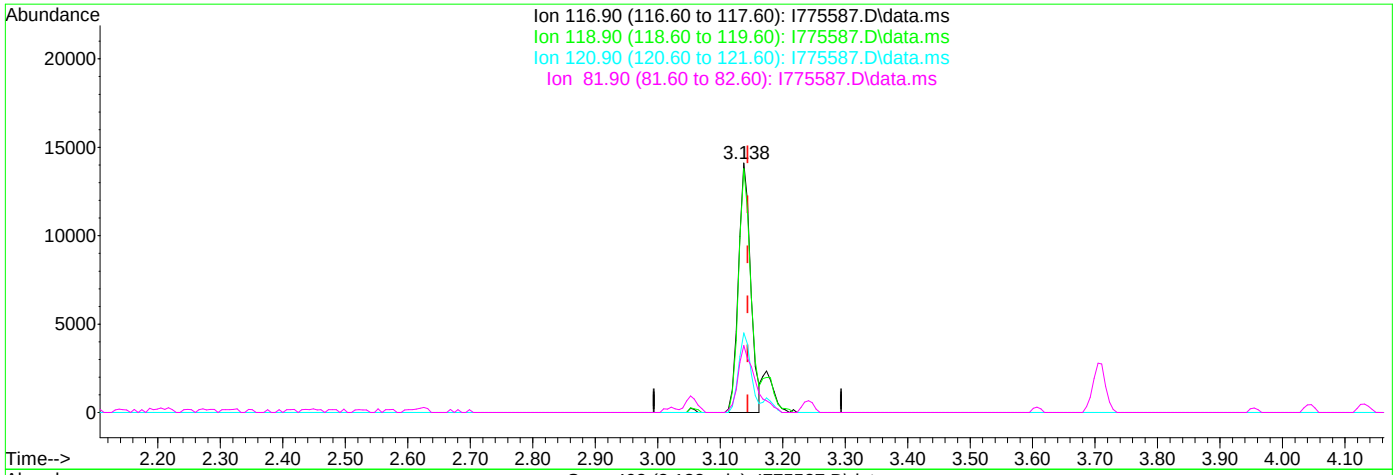
response 16678

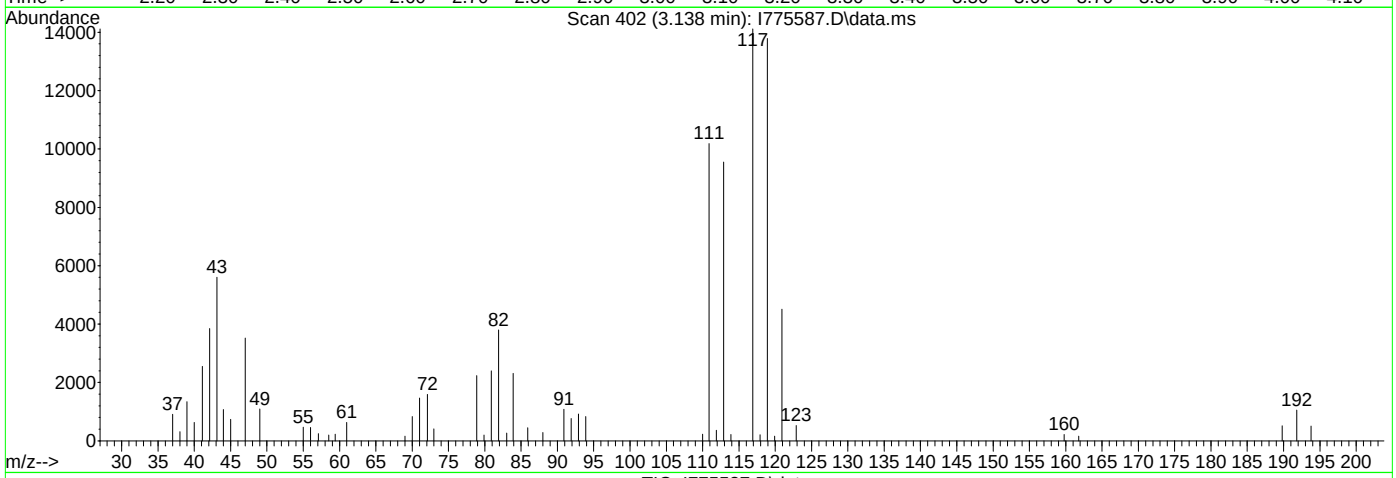
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.68
120.90	31.70	31.96
81.90	26.00	26.90

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 9.19ug/L m

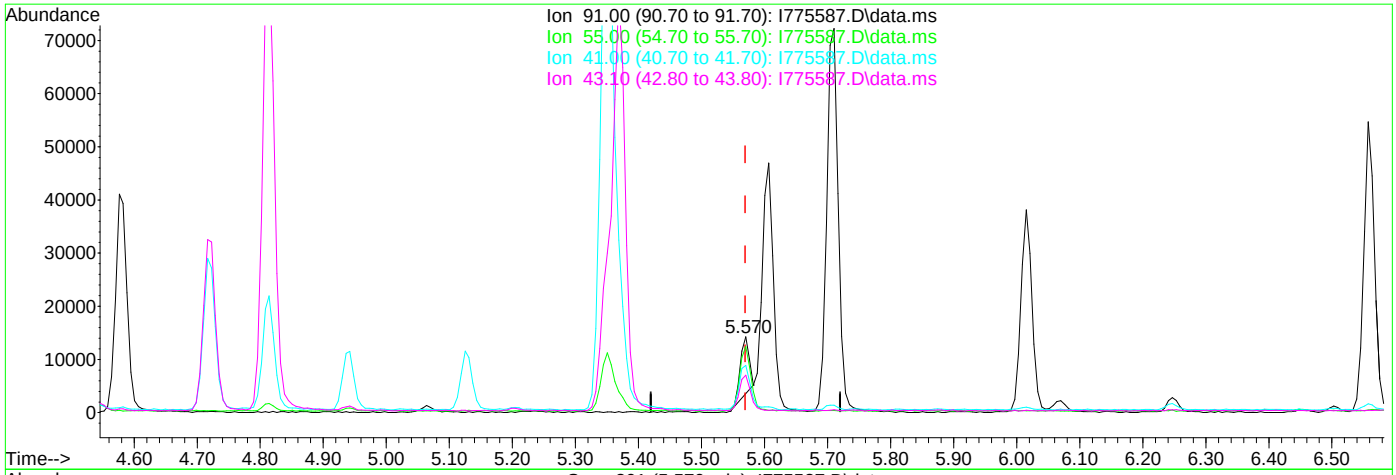
response 19311

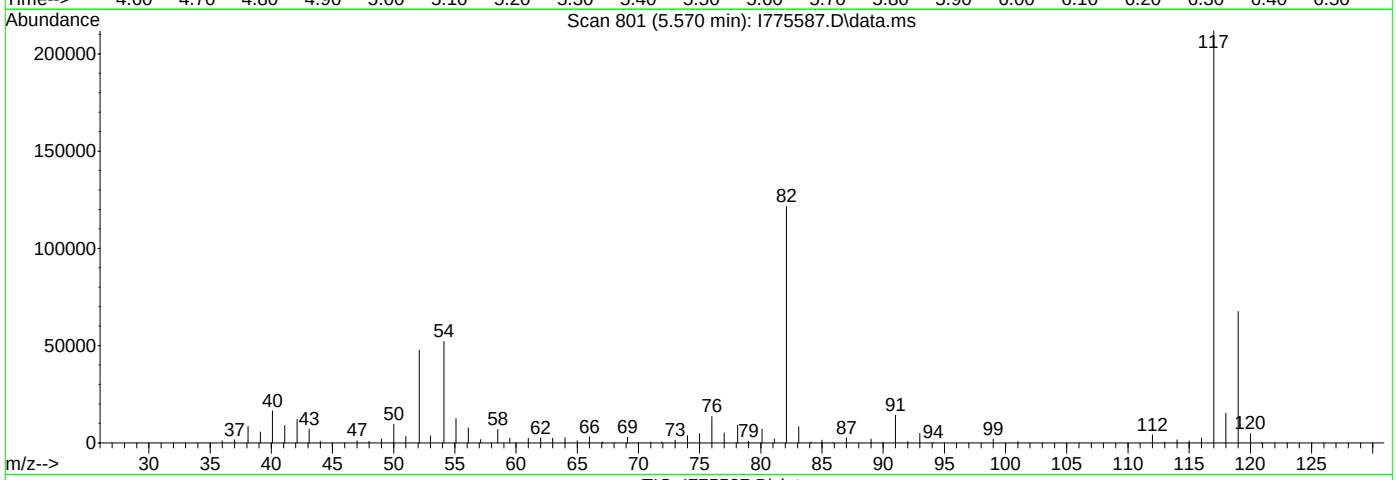
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.68
120.90	31.70	31.96
81.90	26.00	26.90

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 5.82ug/L

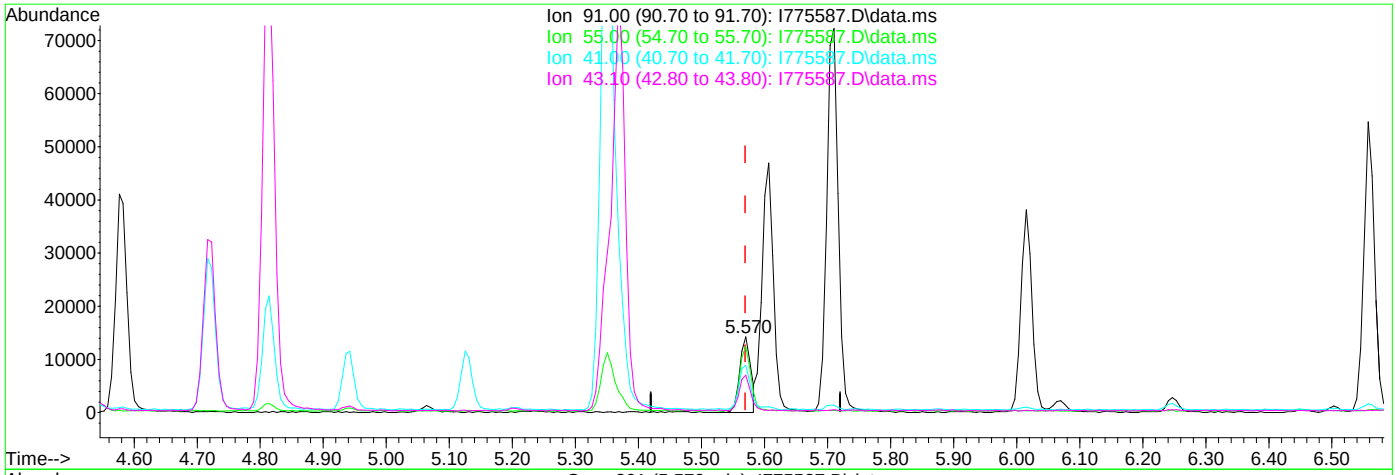
response 11421

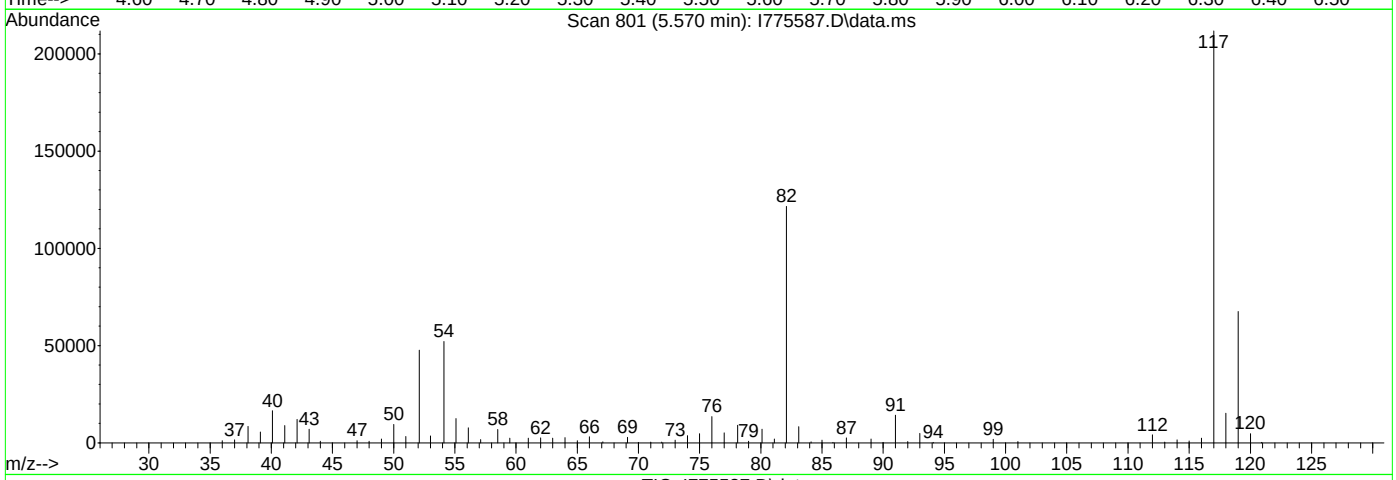
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	85.33#
41.00	47.90	58.05
43.10	37.40	47.14

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 8.90ug/L m

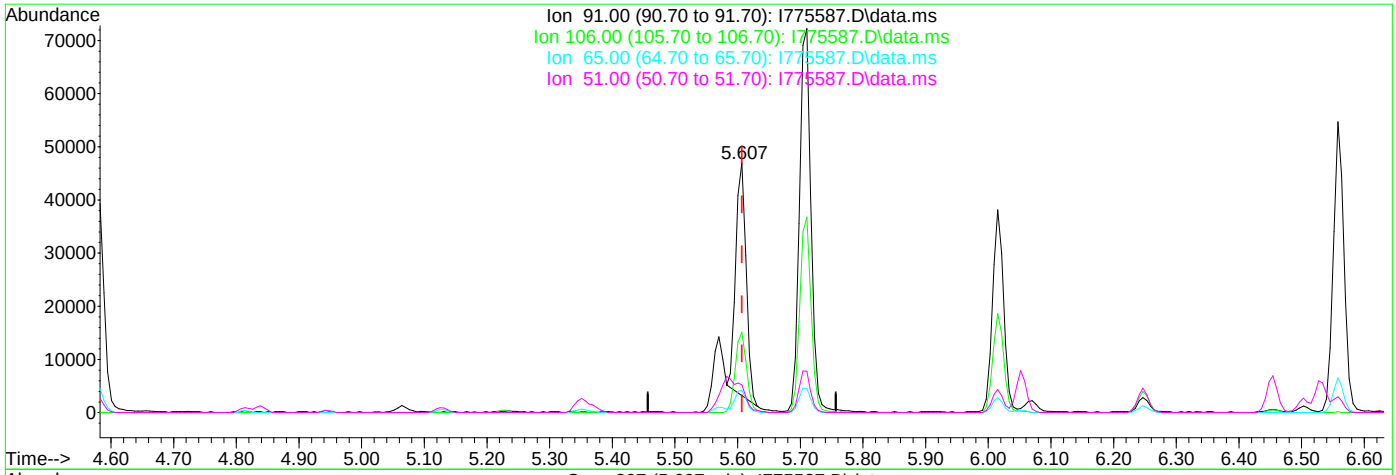
response 17471

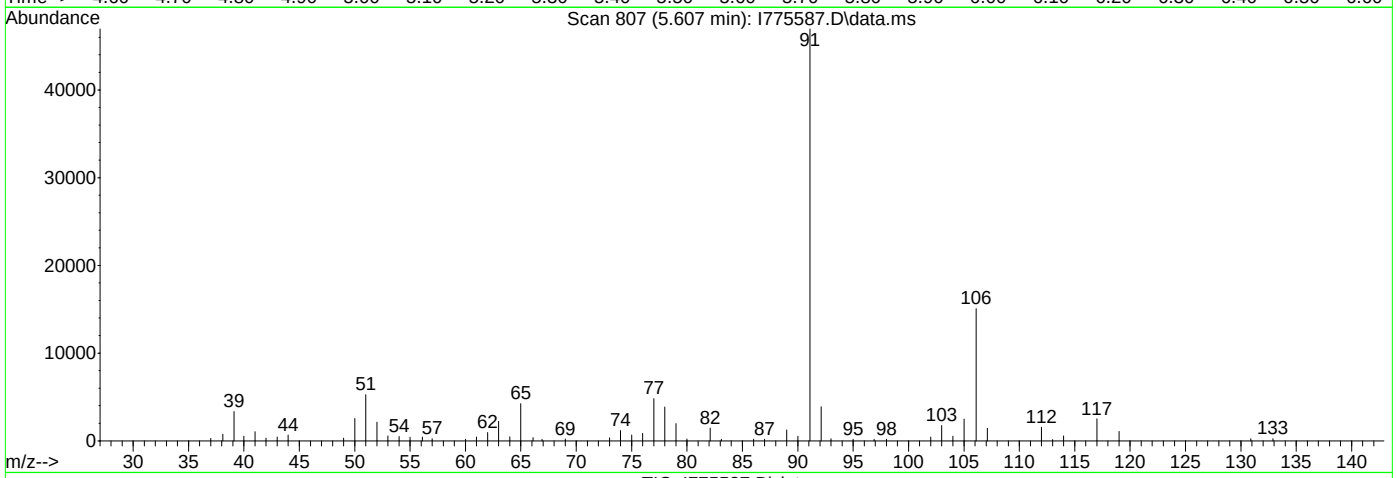
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	87.22#
41.00	47.90	62.21
43.10	37.40	49.54

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(77) Ethylbenzene

5.607min (-0.000) 7.84ug/L

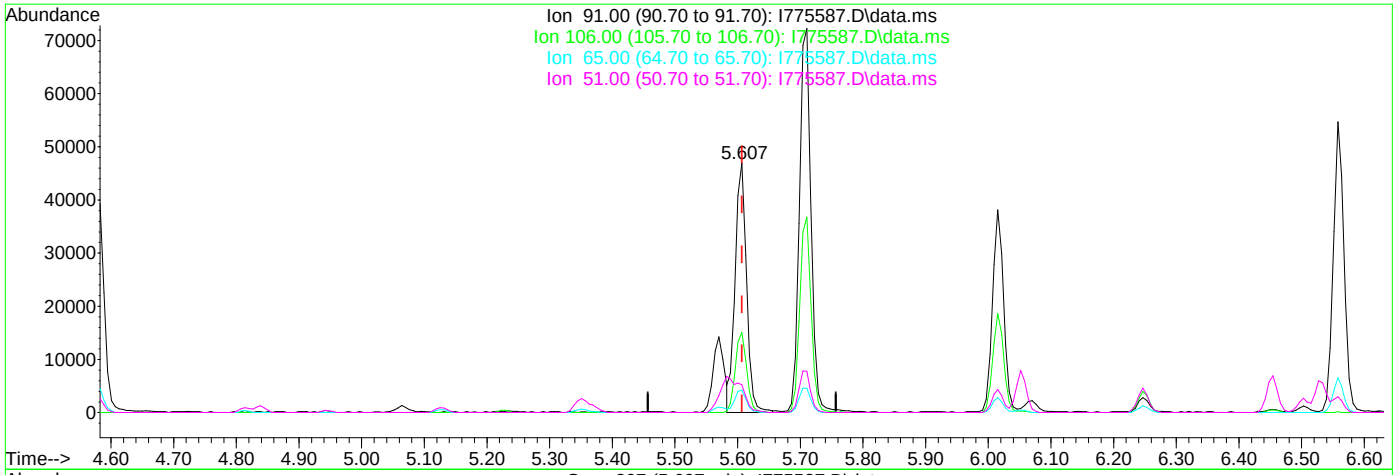
response 49439

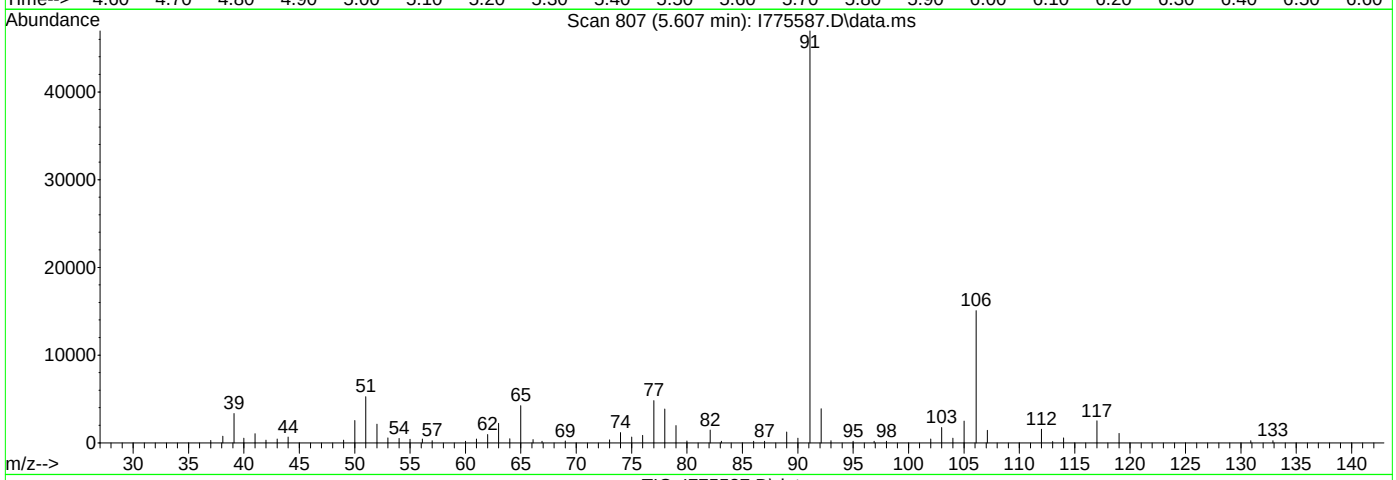
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.47
65.00	8.60	8.91
51.00	10.50	10.49

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775587.D
Acq On : 6 Nov 2025 12:11 pm
Operator : jeniferw
Sample : IC3738-3 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 06 12:22:42 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 11:48:46 2025
Response via : Initial Calibration





TIC: I775587.D\data.ms

(77) Ethylbenzene

5.607min (-0.000) 9.45ug/L m

response 59572

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.10
65.00	8.60	9.03
51.00	10.50	11.17

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:57:17 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	378863	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	280474	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.313	152	151237	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	113984	50.14	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	100.28%		
49) 1,2-Dichloroethane-d4	3.448	65	133481	50.26	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	100.52%		
63) Toluene-d8	4.546	98	368677	50.35	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	100.70%		
86) 4-Bromofluorobenzene	6.454	174	114293	50.14	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	100.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	46468	24.10	ug/L	100
3) Chloromethane	1.205	50	37982	22.73	ug/L	99
4) 1,3-butadiene	1.266	39	29639	25.25	ug/L	97
5) Vinyl Chloride	1.260	62	40657	23.87	ug/L	99
6) Bromomethane	1.449	94	15940	23.09	ug/L	98
7) Chloroethane	1.516	64	10576	25.52	ug/L	95
8) Trichlorofluoromethane	1.601	101	54330	25.05	ug/L	97
9) Ethyl Ether	1.784	59	29777	24.21	ug/L	96
10) Ethanol	1.869	45	18437m	440.64	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.882	67	23860	22.77	ug/L	97
12) 1,1-Dichloroethene	1.888	61	50274	23.84	ug/L	92
13) Freon 113	1.912	101	32672	24.98	ug/L	97
14) Carbon Disulfide	1.912	76	97420	23.63	ug/L	99
15) Iodomethane	1.973	142	26615	24.55	ug/L	99
16) Acrolein	2.077	56	47882	122.30	ug/L	96
17) Allyl chloride	2.150	41	43225	23.06	ug/L	91
18) Methylene Chloride	2.205	49	43478	21.38	ug/L	96
19) Acetone	2.235	43	89637	127.04	ug/L	99
20) Methyl acetate	2.296	43	231356	121.84	ug/L	98
21) trans-1,2-Dichloroethene	2.290	61	47999	23.03	ug/L	93
22) Hexane	2.333	56	25286	22.75	ug/L	98
23) Methyl Tert Butyl Ether	2.351	73	111917	24.85	ug/L	91
24) Acetonitrile	2.485	41	72840m	203.94	ug/L	
25) Tert Butyl Alcohol	2.400	59	127967	253.65	ug/L	99
26) Di-isopropyl ether	2.552	45	111577	24.06	ug/L	98
27) Chloroprene	2.650	53	107139	26.04	ug/L	99
28) 1,1-Dichloroethane	2.619	63	60752	23.22	ug/L	97
29) Acrylonitrile	2.650	52	78619	125.21	ug/L	99
30) ETBE	2.747	59	113628	24.45	ug/L	97
31) Vinyl acetate	2.747	43	510255	126.68	ug/L	98
32) cis-1,2-Dichloroethene	2.912	96	34210	23.46	ug/L	92
33) 2,2-Dichloropropane	2.973	77	55085	23.52	ug/L	99
34) Bromochloromethane	3.022	128	18389	24.07	ug/L	95
35) Cyclohexane	3.028	56	54180	23.97	ug/L	96
36) Chloroform	3.052	83	61112	22.72	ug/L	98
37) Ethyl acetate	3.113	43	338555	126.91	ug/L	99
38) Tetrahydrofuran	3.150	42	23647	23.76	ug/L	94
40) Carbon Tetrachloride	3.137	117	48689m	23.40	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	52803	22.44	ug/L	96
42) 2-Butanone	3.223	43	177880	129.50	ug/L	96
43) 1,1-Dichloropropene	3.241	75	41855	23.79	ug/L	92
44) tert-Butyl formate	3.296	59	218494	123.89	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:57:17 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) Propionitrile	3.387	54	95323	243.45	ug/L		85
46) Methacrylonitrile	3.400	41	342186	250.91	ug/L		99
47) Benzene	3.381	78	126728	23.23	ug/L		82
48) TAME	3.436	73	106309	23.64	ug/L		91
50) 1,2-Dichloroethane	3.491	62	50375	24.36	ug/L		99
51) Isobutyl Alcohol	3.436	43	31646	487.00	ug/L		98
52) Tert Amyl Alcohol	3.540	59	117876	252.11	ug/L		93
53) Trichloroethene	3.704	95	35293	23.26	ug/L		97
54) Methylcyclohexane	3.704	83	49994	24.68	ug/L		93
55) Dibromomethane	3.948	93	24932	24.09	ug/L		98
56) 1,2-Dichloropropane	4.009	63	34118	23.44	ug/L		94
57) Bromodichloromethane	4.040	83	47865	22.77	ug/L		98
58) Methyl methacrylate	4.131	41	41700	23.58	ug/L		89
59) 1,4-Dioxane	4.168	88	17880	524.11	ug/L		94
60) 2-Chloroethyl vinyl ether	4.381	63	128896	124.00	ug/L		97
61) cis-1,3-Dichloropropene	4.424	75	58169	24.21	ug/L		94
64) Toluene	4.576	91	132530	23.39	ug/L		99
65) 2-Nitropropane	4.716	41	99819	122.33	ug/L		99
66) 4-Methyl-2-pentanone	4.814	43	311402	128.90	ug/L		98
67) trans-1,3-Dichloropropene	4.838	75	56303	24.11	ug/L		92
68) Tetrachloroethene	4.826	166	35587	23.15	ug/L		95
69) Ethyl methacrylate	4.942	69	51762	24.41	ug/L		91
70) 1,1,2-Trichloroethane	4.942	83	28032	23.65	ug/L		97
71) Dibromochloromethane	5.064	129	39859	24.11	ug/L		98
72) 1,3-Dichloropropane	5.125	76	56082	24.48	ug/L		91
73) 1,2-Dibromoethane	5.228	107	39265	24.77	ug/L		97
74) 3,3-Dimethyl-1-Butanol	5.350	57	613714	1289.73	ug/L		96
75) 2-hexanone	5.369	43	354238	129.29	ug/L		86
76) 1-Chlorohexane	5.570	91	43059m	22.21	ug/L		
77) Ethylbenzene	5.606	91	148941m	23.69	ug/L		
78) Chlorobenzene	5.588	112	88159	23.28	ug/L		97
79) 1,1,1,2-Tetrachloroethane	5.631	131	34157	23.66	ug/L		98
80) m,p-Xylene	5.704	91	231096	47.04	ug/L		99
81) o-Xylene	6.015	91	114197	23.20	ug/L		99
82) Styrene	6.051	104	89761	23.15	ug/L		98
83) Bromoform	6.070	173	29171	24.47	ug/L		98
84) Isopropylbenzene	6.247	105	140016	22.88	ug/L		99
87) cis-1,4-Dichloro-2-butene	6.503	53	21506	22.18	ug/L		95
88) n-Propylbenzene	6.557	91	161748	23.32	ug/L		99
89) Bromobenzene	6.533	156	37783	23.55	ug/L		95
90) 1,1,2,2-Tetrachloroethane	6.606	83	52266	22.21	ug/L		99
91) 1,3,5-Trimethylbenzene	6.710	105	117487	23.27	ug/L		100
92) 2-Chlorotoluene	6.673	91	89762	23.45	ug/L		99
93) trans-1,4-Dichloro-2-B...	6.740	53	15899	23.19	ug/L		87
94) 1,2,3-Trichloropropane	6.710	110	17077	24.09	ug/L		98
95) Cyclohexanone	6.740	55	19015	124.10	ug/L		97
96) 4-Chlorotoluene	6.801	91	102709	23.25	ug/L		98
97) tert-Butylbenzene	6.954	91	63283	23.54	ug/L		94
98) 1,2,4-Trimethylbenzene	7.009	105	116855	23.62	ug/L		98
99) Pentachloroethane	6.966	167	21378	23.47	ug/L	#	62
100) sec-Butylbenzene	7.094	105	133939	23.17	ug/L		98
101) 4-Isopropyltoluene	7.210	119	116497	23.39	ug/L		98
102) 1,3-Dichlorobenzene	7.259	146	68142	23.77	ug/L		98
103) 1,2,3-Trimethylbenzene	7.350	105	119916	23.34	ug/L		98
104) 1,4-Dichlorobenzene	7.326	146	69146	23.69	ug/L		94
105) n-Butylbenzene	7.533	92	60857	23.15	ug/L		89
106) Benzyl Chloride	7.515	126	24162	24.51	ug/L	#	91
107) 1,2-Dichlorobenzene	7.643	146	64840	23.69	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:57:17 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	15584	24.32	ug/L	98
109) Hexachlorobutadiene	8.667	225	14446	23.61	ug/L	96
110) 1,2,4-Trichlorobenzene	8.679	180	39147	24.14	ug/L	99
111) Naphthalene	8.892	128	143903	24.33	ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	35857	24.24	ug/L	97

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

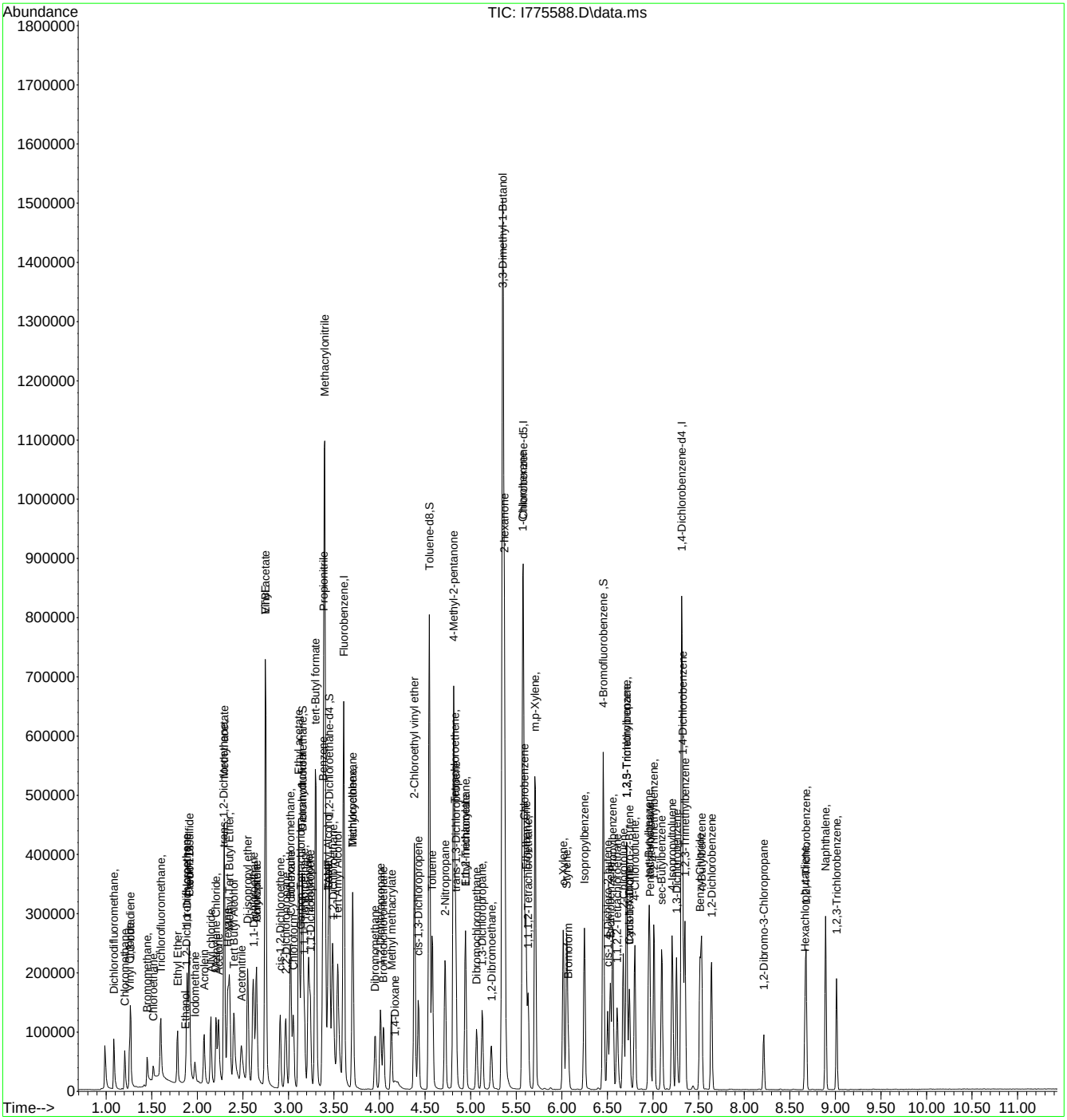
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7

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:57:17 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VI3738-IC3738
Lab FileID: I775588.D
Injection Time: 11/06/25 12:34

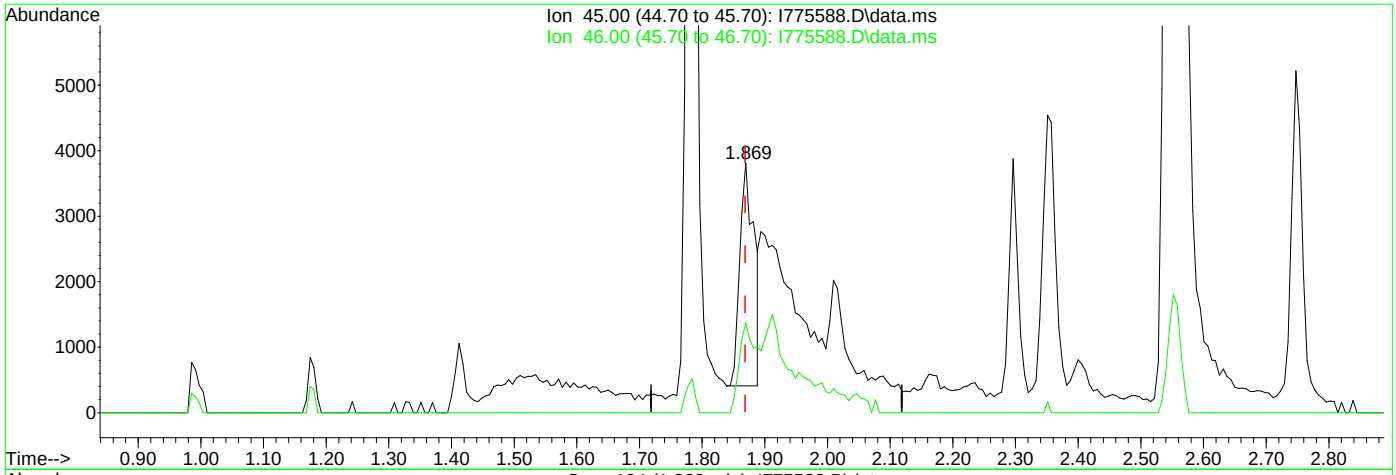
Method: SW846 8260D
Analyst approved: 11/06/25 14:56 Jenifer Willis
Supervisor approved: 11/06/25 15:09 Karen Watson

Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.87	Poorly defined baseline
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.61	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration



TIC: I775588.D\data.ms

(10) Ethanol

1.869min (+0.000) 128.82ug/L

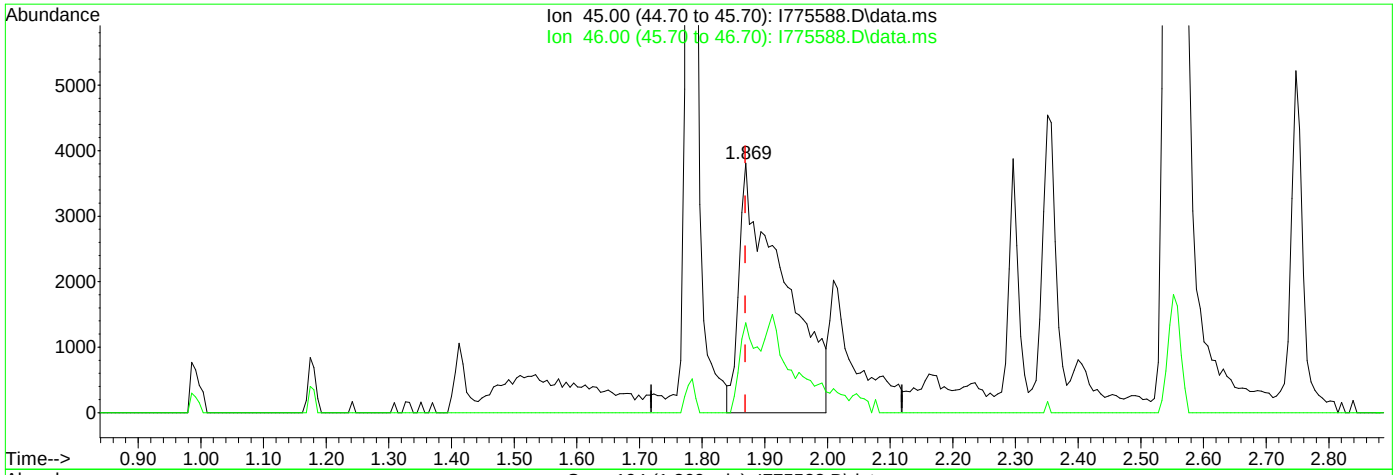
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Ion	Exp%	Act%
45.00	100	100
46.00	39.30	40.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration



TIC: I775588.D\data.ms

(10) Ethanol

1.869min (+0.000) 440.64ug/L m

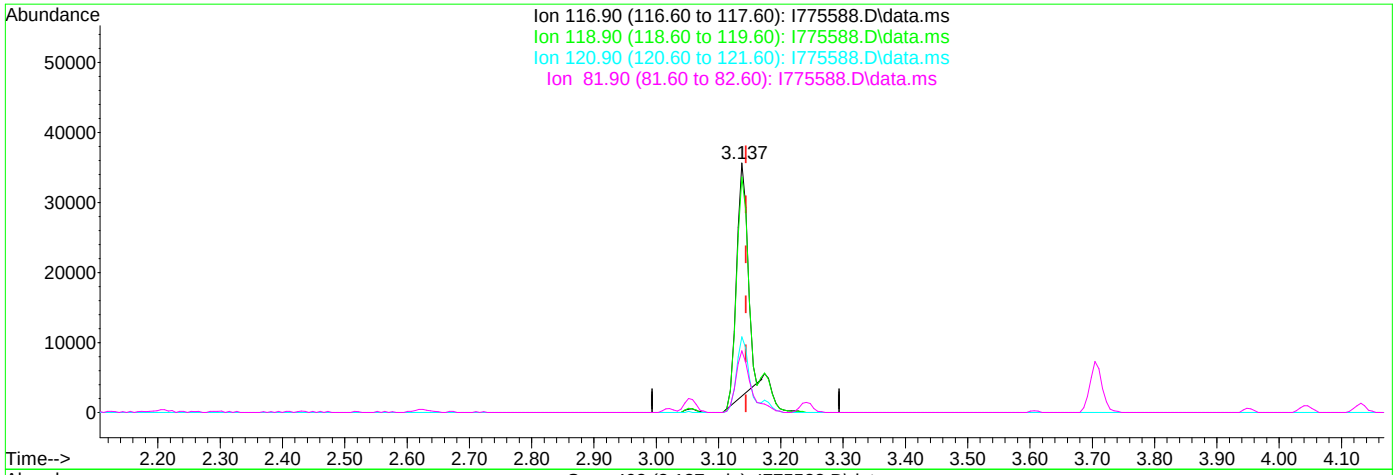
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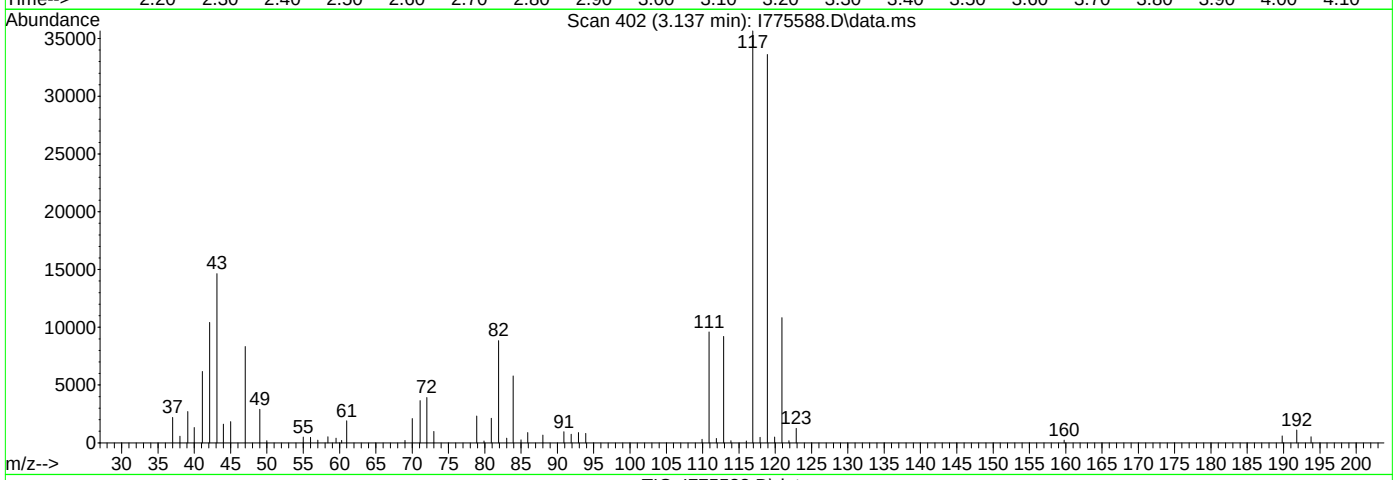
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	35.96
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(40) Carbon Tetrachloride ( )

3.137min (-0.007) 20.09ug/L

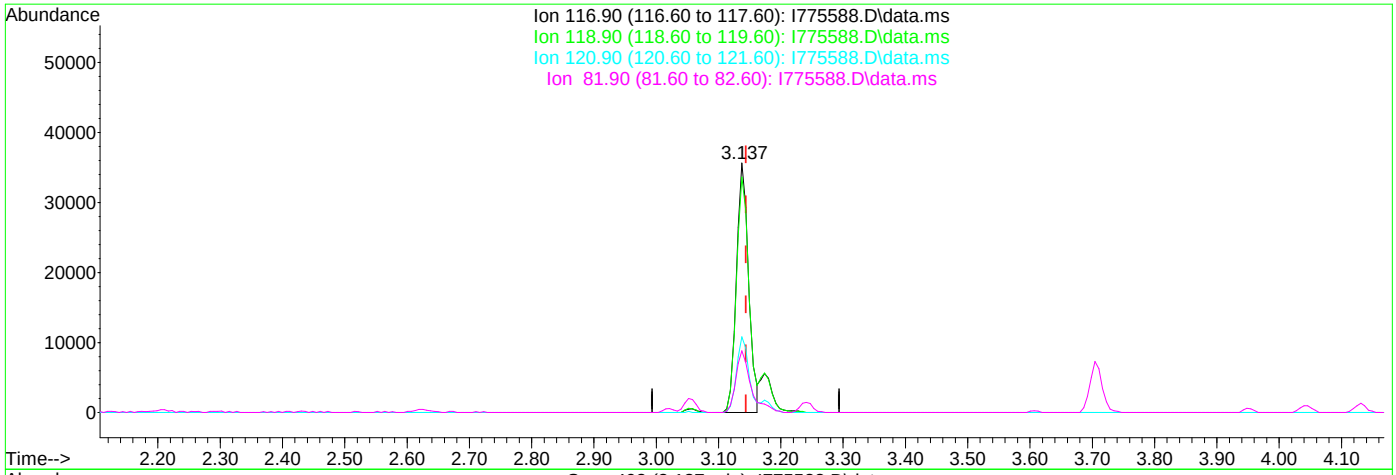
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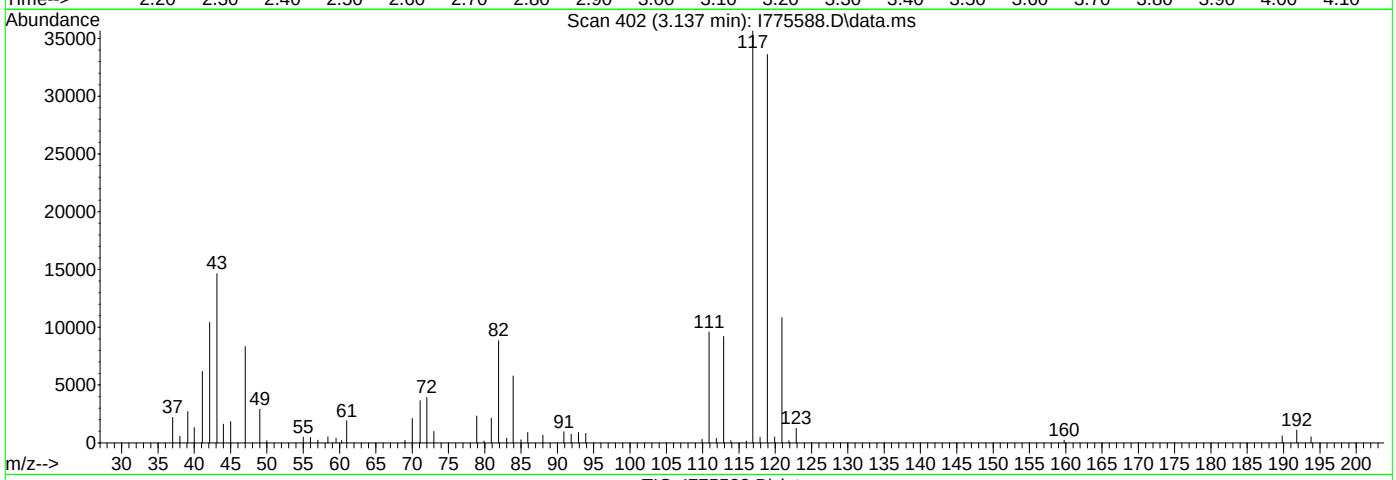
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	94.28
120.90	31.70	30.35
81.90	26.00	24.79

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(40) Carbon Tetrachloride ( )

3.137min (-0.007) 23.40ug/L m

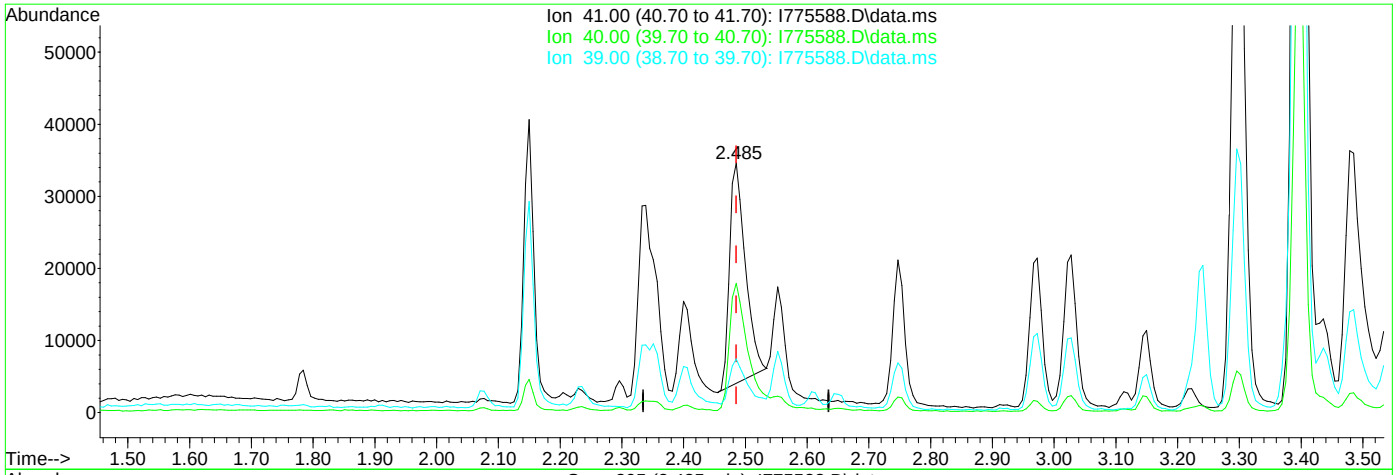
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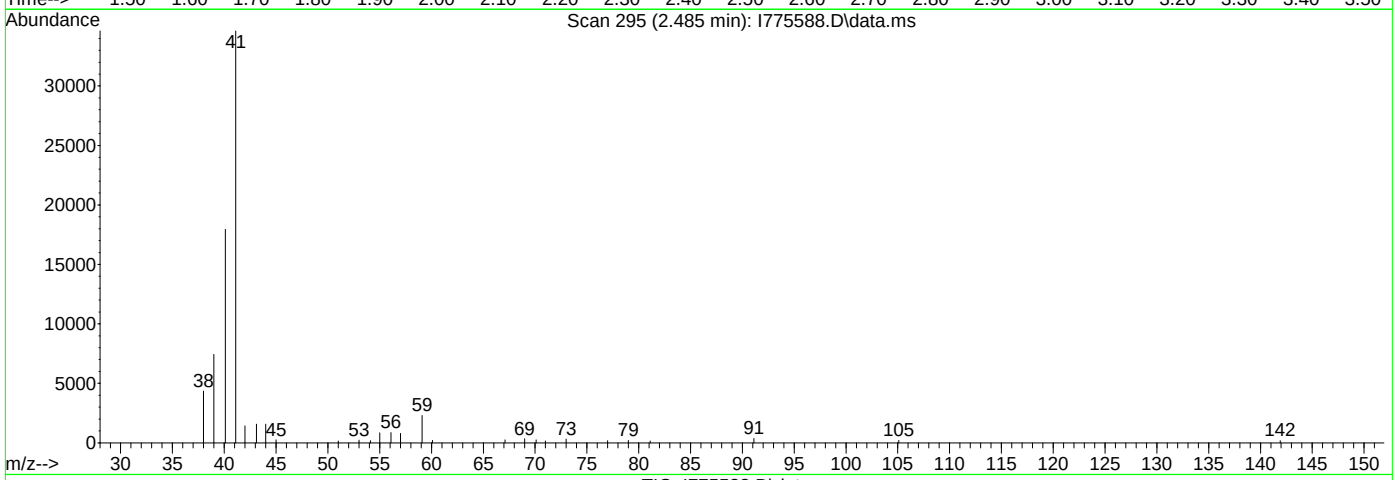
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	94.28
120.90	31.70	30.35
81.90	26.00	24.79

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 153.56ug/L

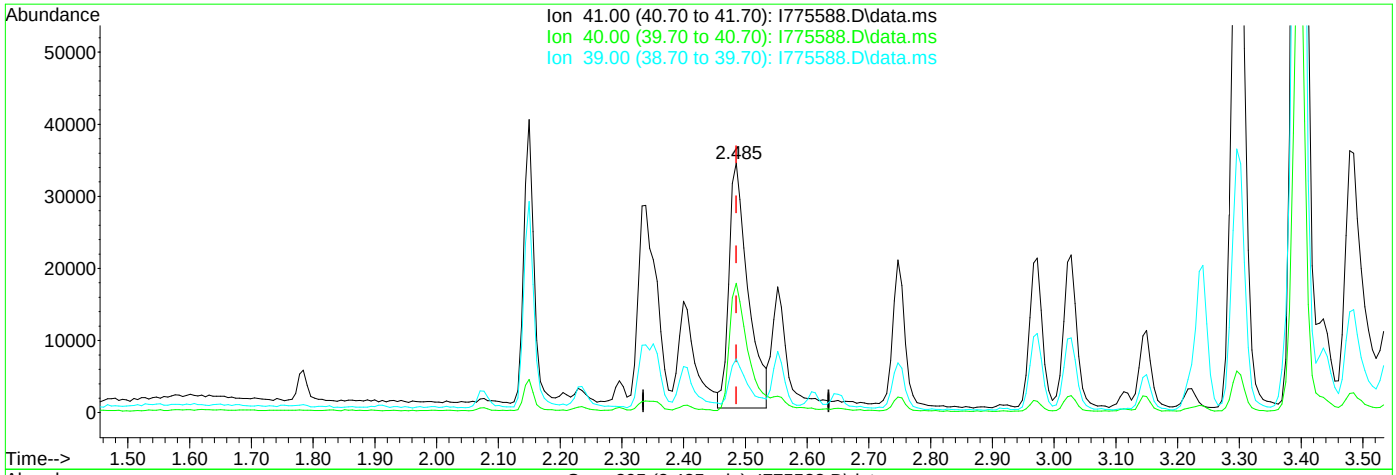
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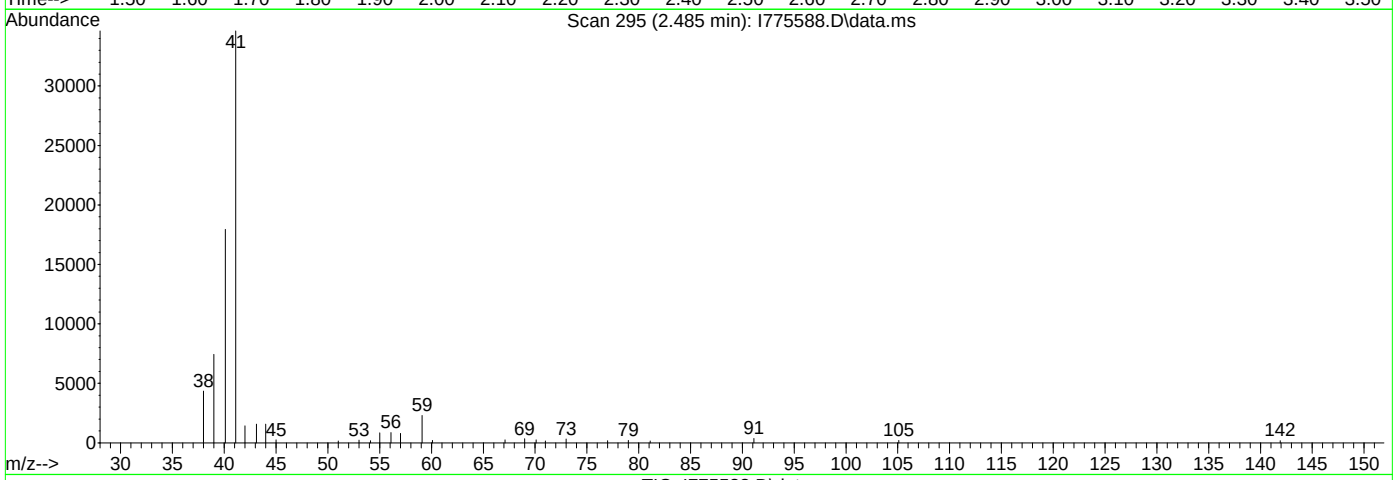
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	55.47
39.00	21.50	19.08
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 203.94ug/L m

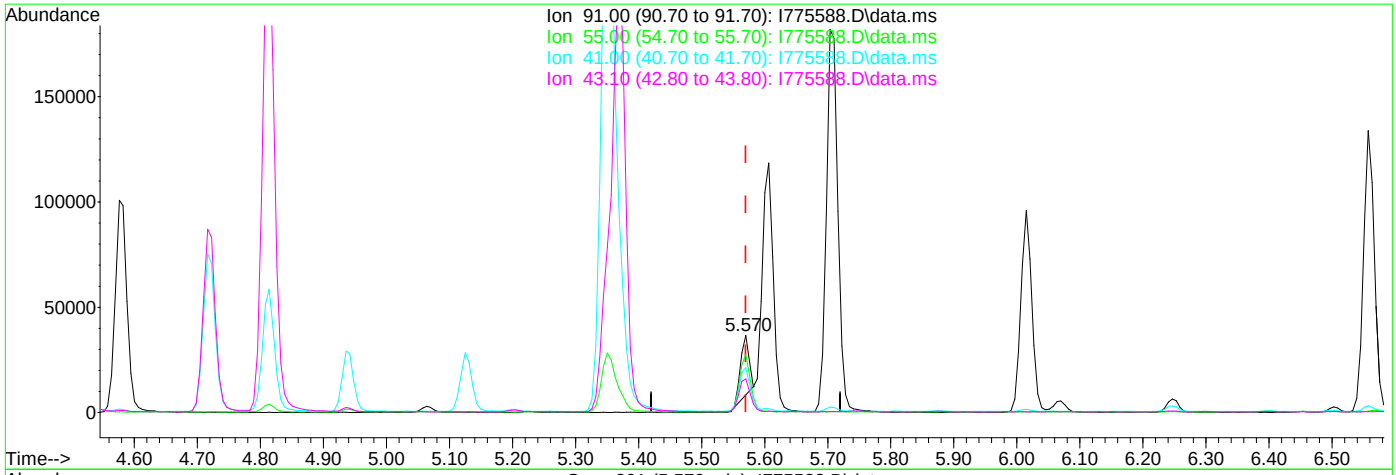
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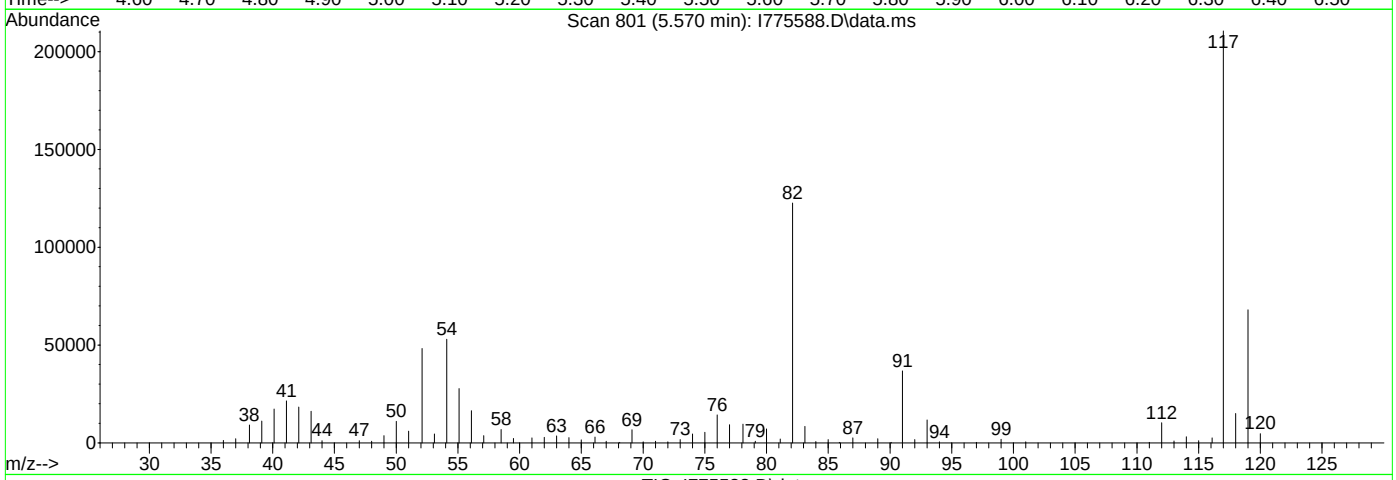
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.82
39.00	21.50	21.45
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 14.94ug/L

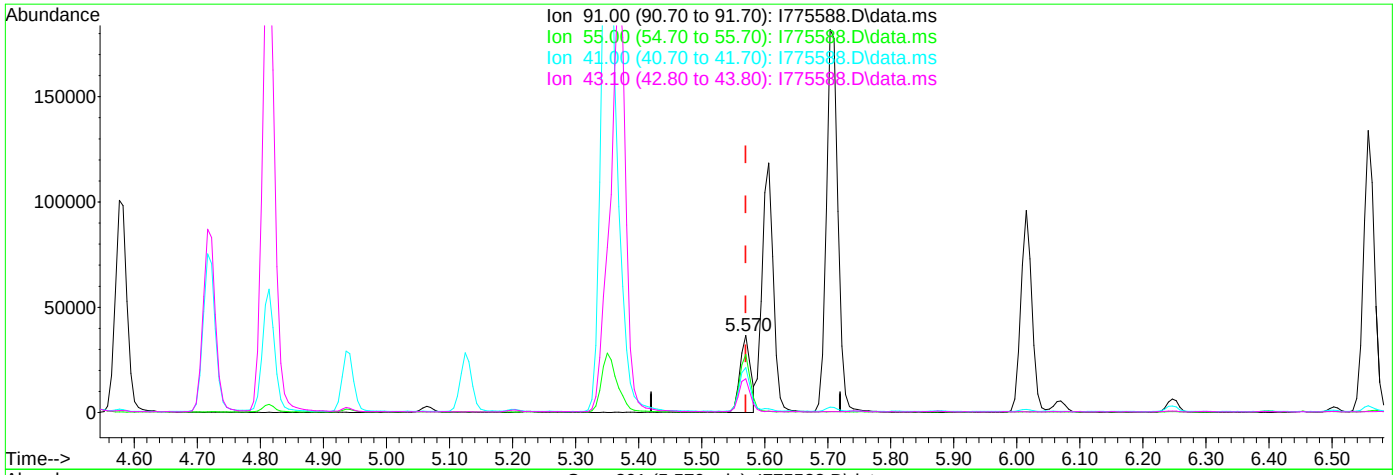
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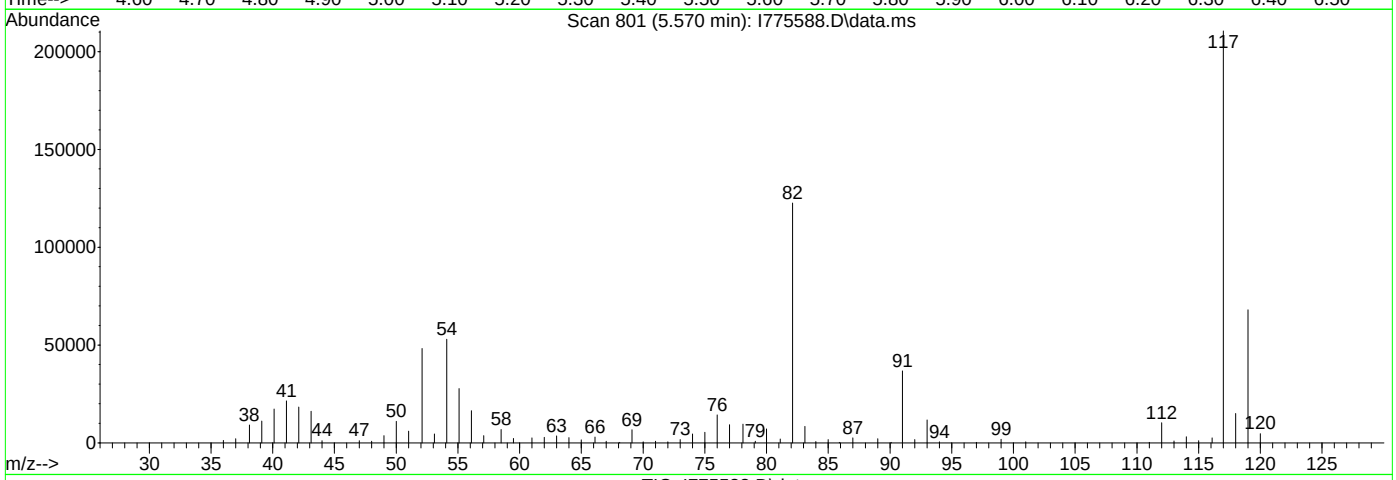
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	74.28
41.00	47.90	56.63
43.10	37.40	42.56

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 22.21ug/L m

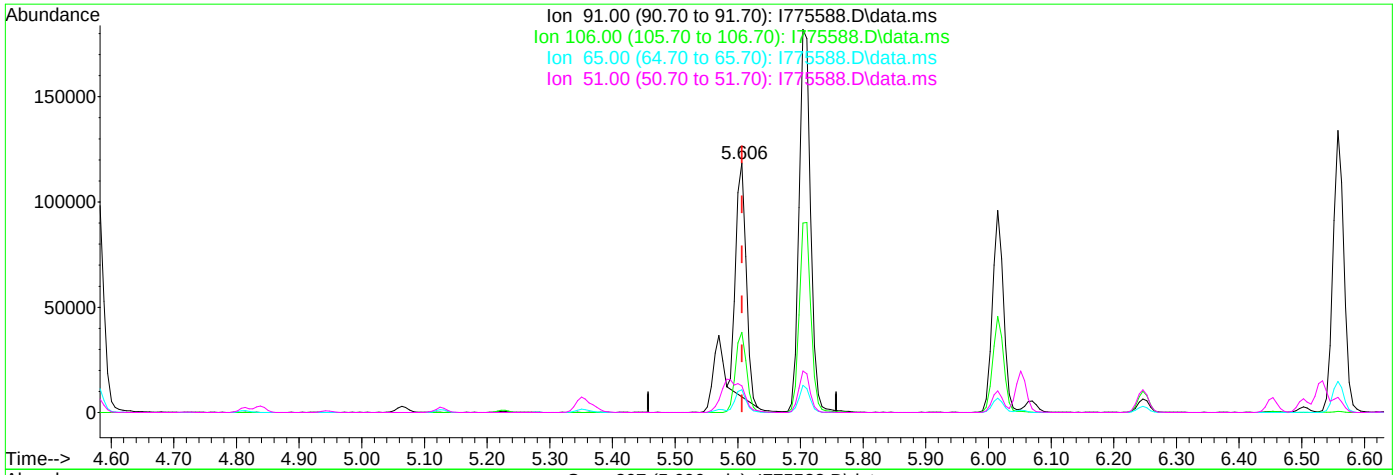
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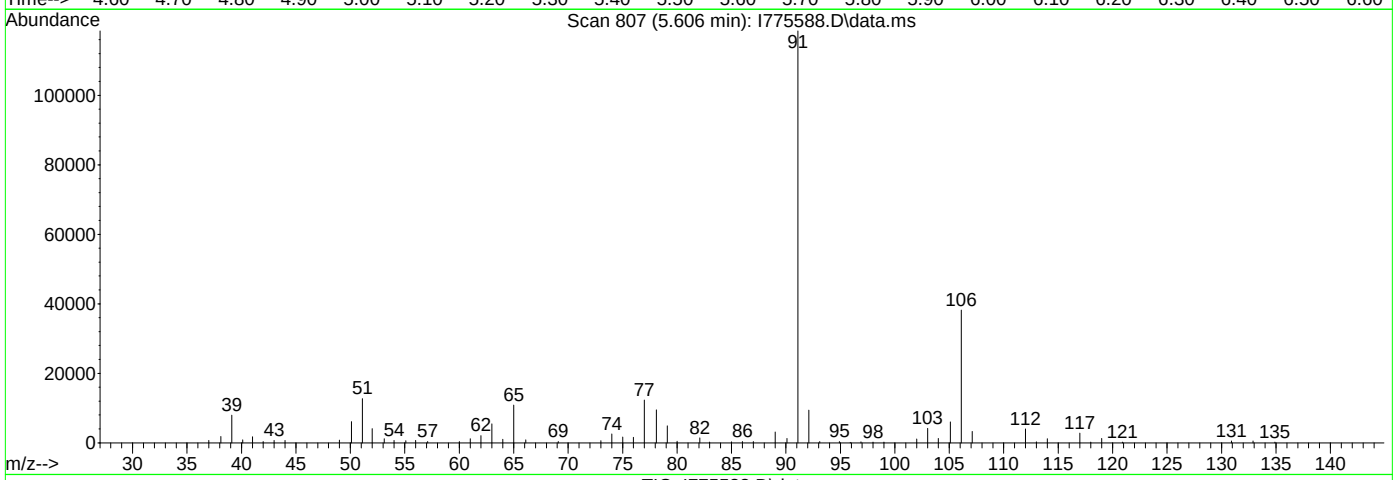
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	75.39
41.00	47.90	58.36
43.10	37.40	43.82

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(77) Ethylbenzene

5.606min (-0.001) 19.98ug/L

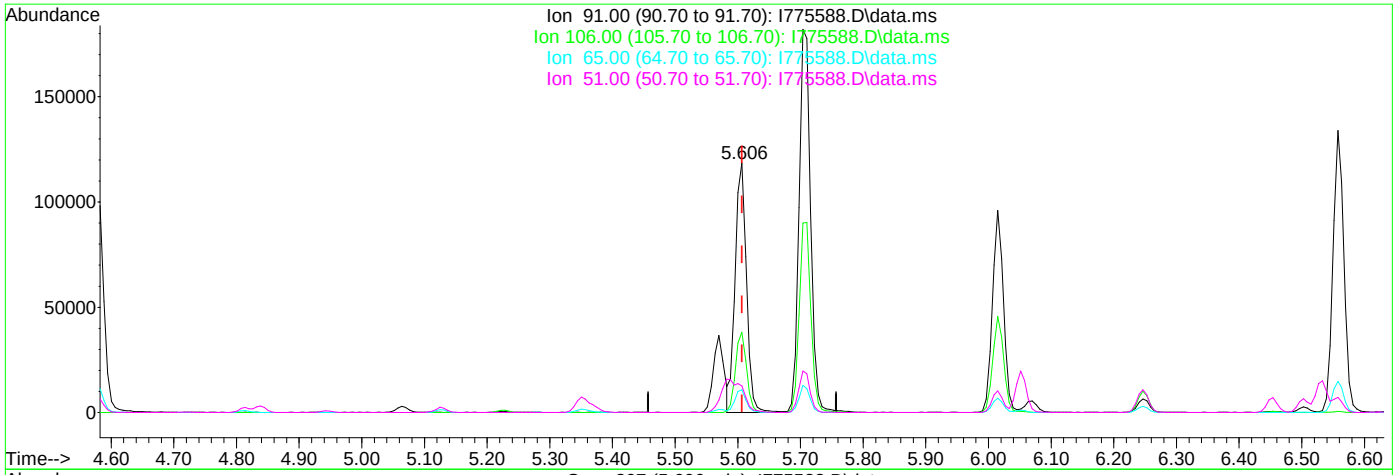
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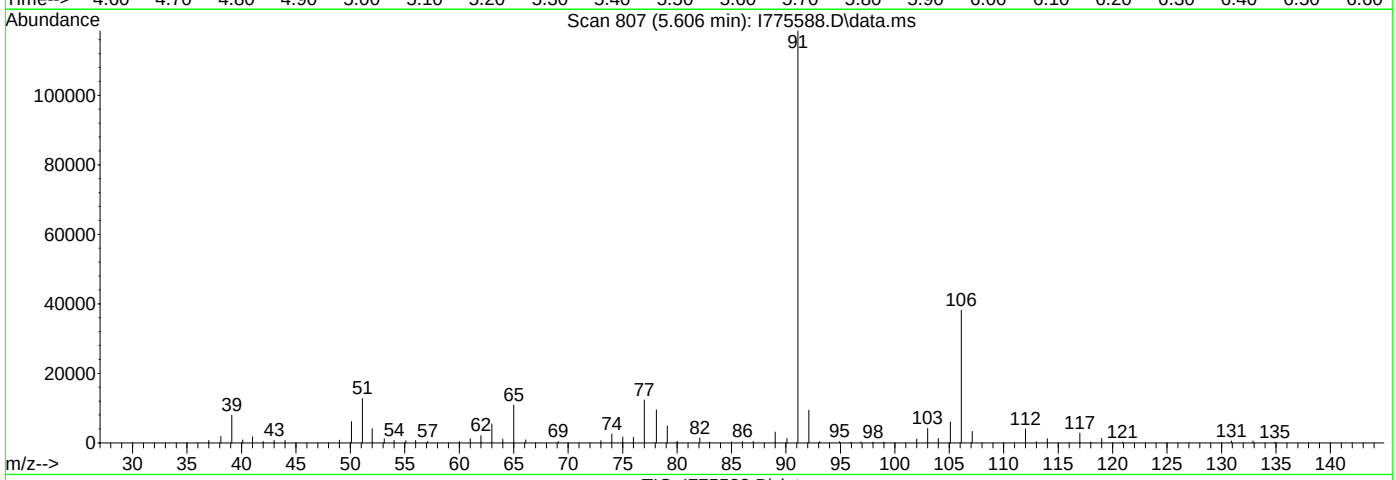
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.37
65.00	8.60	9.02
51.00	10.50	10.15

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775588.D
Acq On : 6 Nov 2025 12:34 pm
Operator : jeniferw
Sample : IC3738-4 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 06 12:56:16 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 12:23:58 2025
Response via : Initial Calibration





TIC: I775588.D\data.ms

(77) Ethylbenzene

5.606min (-0.001) 23.69ug/L m

response 148941

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.20
65.00	8.60	9.16
51.00	10.50	10.72

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
11/06/25 15:09

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:27:27 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	374456	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.570	117	275595	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	149088	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.150	113	111336	49.54	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.08%			
49) 1,2-Dichloroethane-d4	3.448	65	132009	50.31	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 100.62%			
63) Toluene-d8	4.546	98	361394	50.20	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 100.40%			
86) 4-Bromofluorobenzene	6.454	174	112037	49.78	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.083	85	68601	36.10	ug/L	99
3) Chloromethane	1.205	50	52608	33.19	ug/L	96
4) 1,3-butadiene	1.266	39	44465	37.97	ug/L	99
5) Vinyl Chloride	1.254	62	60711	36.07	ug/L	99
6) Bromomethane	1.449	94	27964	41.09	ug/L	100
7) Chloroethane	1.516	64	24904	62.46	ug/L	97
8) Trichlorofluoromethane	1.601	101	82948	35.85	ug/L	100
9) Ethyl Ether	1.778	59	43861	36.19	ug/L	95
10) Ethanol	1.863	45	27392m	772.34	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.882	67	56725	54.54	ug/L	97
12) 1,1-Dichloroethene	1.888	61	75307	36.06	ug/L	95
13) Freon 113	1.912	101	48024	36.97	ug/L	96
14) Carbon Disulfide	1.912	76	127201	33.15	ug/L	97
15) Iodomethane	1.973	142	42370	36.60	ug/L	99
16) Acrolein	2.071	56	62760	162.47	ug/L	97
17) Allyl chloride	2.150	41	72525	41.25	ug/L	95
18) Methylene Chloride	2.205	49	68392	38.75	ug/L	96
19) Acetone	2.229	43	147214	210.59	ug/L	99
20) Methyl acetate	2.296	43	387769	207.63	ug/L	100
21) trans-1,2-Dichloroethene	2.290	61	76121	36.85	ug/L	95
22) Hexane	2.333	56	35392	32.17	ug/L	94
23) Methyl Tert Butyl Ether	2.351	73	180258	40.43	ug/L	96
24) Acetonitrile	2.479	41	120258m	439.94	ug/L	
25) Tert Butyl Alcohol	2.400	59	205030	410.33	ug/L	96
26) Di-isopropyl ether	2.552	45	164688	35.85	ug/L	99
27) Chloroprene	2.644	53	189429	46.29	ug/L	98
28) 1,1-Dichloroethane	2.619	63	94541	36.49	ug/L	98
29) Acrylonitrile	2.644	52	137556	221.39	ug/L	99
30) ETBE	2.747	59	175307	38.19	ug/L	98
31) Vinyl acetate	2.747	43	766752	191.80	ug/L	98
32) cis-1,2-Dichloroethene	2.906	96	53987	37.35	ug/L	88
33) 2,2-Dichloropropane	2.967	77	88846	42.46	ug/L	99
34) Bromochloromethane	3.016	128	28612	37.94	ug/L	94
35) Cyclohexane	3.022	56	76495	34.10	ug/L	88
36) Chloroform	3.052	83	98701	37.12	ug/L	98
37) Ethyl acetate	3.113	43	519326	196.27	ug/L	100
38) Tetrahydrofuran	3.144	42	35169	36.06	ug/L	93
40) Carbon Tetrachloride	3.138	117	77969m	37.98	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	85611	41.19	ug/L	98
42) 2-Butanone	3.217	43	290541	213.58	ug/L	96
43) 1,1-Dichloropropene	3.235	75	72033	41.26	ug/L	90
44) tert-Butyl formate	3.296	59	379384	218.69	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:27:27 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) Propionitrile	3.387	54	163873	423.59	ug/L #	69
46) Methacrylonitrile	3.394	41	573529	425.76	ug/L	99
47) Benzene	3.375	78	198216	36.71	ug/L	92
48) TAME	3.436	73	187217	42.21	ug/L	94
50) 1,2-Dichloroethane	3.485	62	80915	39.60	ug/L	99
51) Isobutyl Alcohol	3.436	43	54351	848.26	ug/L	96
52) Tert Amyl Alcohol	3.540	59	189298	408.42	ug/L	95
53) Trichloroethene	3.704	95	55714	37.06	ug/L	95
54) Methylcyclohexane	3.704	83	71652	35.75	ug/L	94
55) Dibromomethane	3.948	93	41062	40.18	ug/L	98
56) 1,2-Dichloropropane	4.009	63	55146	38.37	ug/L	96
57) Bromodichloromethane	4.040	83	77573	37.35	ug/L	98
58) Methyl methacrylate	4.125	41	70425	40.33	ug/L	88
59) 1,4-Dioxane	4.168	88	28136	802.10	ug/L	93
60) 2-Chloroethyl vinyl ether	4.381	63	239848	234.77	ug/L	98
61) cis-1,3-Dichloropropene	4.424	75	93542	39.37	ug/L	94
64) Toluene	4.576	91	211793	37.94	ug/L	99
65) 2-Nitropropane	4.716	41	182043	227.33	ug/L	99
66) 4-Methyl-2-pentanone	4.808	43	488365	205.33	ug/L	98
67) trans-1,3-Dichloropropene	4.838	75	92820	40.49	ug/L	85
68) Tetrachloroethene	4.826	166	59208	39.16	ug/L	98
69) Ethyl methacrylate	4.936	69	83533	40.03	ug/L	93
70) 1,1,2-Trichloroethane	4.942	83	46012	39.60	ug/L	96
71) Dibromochloromethane	5.064	129	67693	41.69	ug/L	98
72) 1,3-Dichloropropane	5.125	76	90510	40.20	ug/L	92
73) 1,2-Dibromoethane	5.222	107	62713	40.16	ug/L	98
74) 3,3-Dimethyl-1-Butanol	5.350	57	971352	2079.88	ug/L	96
75) 2-hexanone	5.369	43	562670	208.79	ug/L	92
76) 1-Chlorohexane	5.570	91	66468m	35.06	ug/L	
77) Ethylbenzene	5.600	91	238061m	38.35	ug/L	
78) Chlorobenzene	5.582	112	146711	39.37	ug/L	97
79) 1,1,1,2-Tetrachloroethane	5.625	131	56613	39.88	ug/L	97
80) m,p-Xylene	5.704	91	371080	76.63	ug/L	98
81) o-Xylene	6.015	91	184795	38.18	ug/L	99
82) Styrene	6.052	104	154939	40.62	ug/L	98
83) Bromoform	6.070	173	47738	40.81	ug/L	99
84) Isopropylbenzene	6.247	105	229780	38.17	ug/L	99
87) cis-1,4-Dichloro-2-butene	6.503	53	33032	38.44	ug/L	96
88) n-Propylbenzene	6.558	91	261749	38.17	ug/L	99
89) Bromobenzene	6.533	156	62938	39.73	ug/L	98
90) 1,1,2,2-Tetrachloroethane	6.606	83	82228	40.02	ug/L	99
91) 1,3,5-Trimethylbenzene	6.710	105	189910	38.08	ug/L	100
92) 2-Chlorotoluene	6.673	91	149379	39.48	ug/L	98
93) trans-1,4-Dichloro-2-B...	6.740	53	25440	38.67	ug/L	85
94) 1,2,3-Trichloropropane	6.710	110	27748	39.66	ug/L	95
95) Cyclohexanone	6.740	55	46374	304.38	ug/L	98
96) 4-Chlorotoluene	6.801	91	169526	38.81	ug/L	99
97) tert-Butylbenzene	6.954	91	102796	38.66	ug/L	96
98) 1,2,4-Trimethylbenzene	7.009	105	197926	40.42	ug/L	99
99) Pentachloroethane	6.966	167	34597	38.45	ug/L #	69
100) sec-Butylbenzene	7.094	105	208003	36.35	ug/L	98
101) 4-Isopropyltoluene	7.210	119	188295	38.18	ug/L	99
102) 1,3-Dichlorobenzene	7.259	146	113071	39.88	ug/L	97
103) 1,2,3-Trimethylbenzene	7.350	105	192248	37.89	ug/L	98
104) 1,4-Dichlorobenzene	7.326	146	115615	40.08	ug/L	96
105) n-Butylbenzene	7.533	92	99116	38.12	ug/L	87
106) Benzyl Chloride	7.515	126	31145	32.67	ug/L	99
107) 1,2-Dichlorobenzene	7.643	146	106543	39.42	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:27:27 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

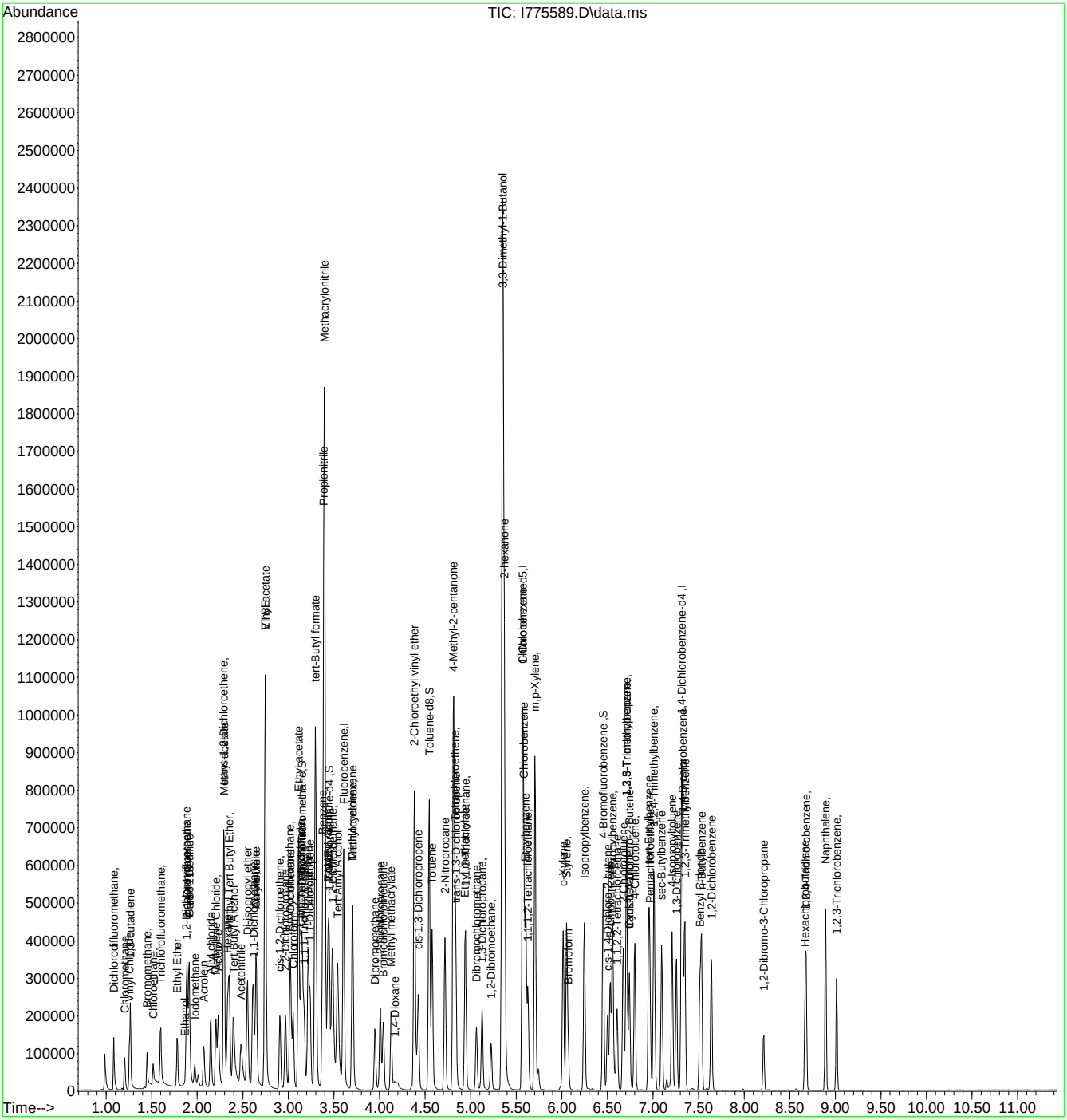
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	25083	39.63	ug/L	96
109) Hexachlorobutadiene	8.667	225	22537	41.04	ug/L	95
110) 1,2,4-Trichlorobenzene	8.679	180	62163	38.70	ug/L	99
111) Naphthalene	8.892	128	234744	40.20	ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	57648	39.33	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:27:27 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Manual Integration Approval Summary

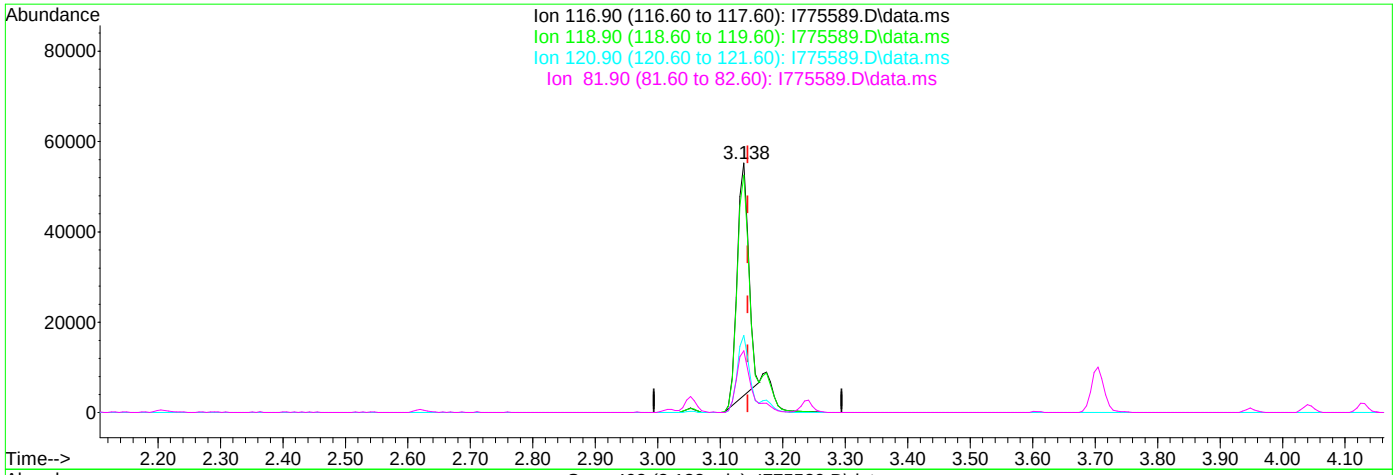
Sample Number: VI3738-ICV3738 **Method:** SW846 8260D
Lab FileID: I775589.D **Analyst approved:** 11/06/25 14:56 Jenifer Willis
Injection Time: 11/06/25 13:23 **Supervisor approved:** 11/06/25 15:09 Karen Watson

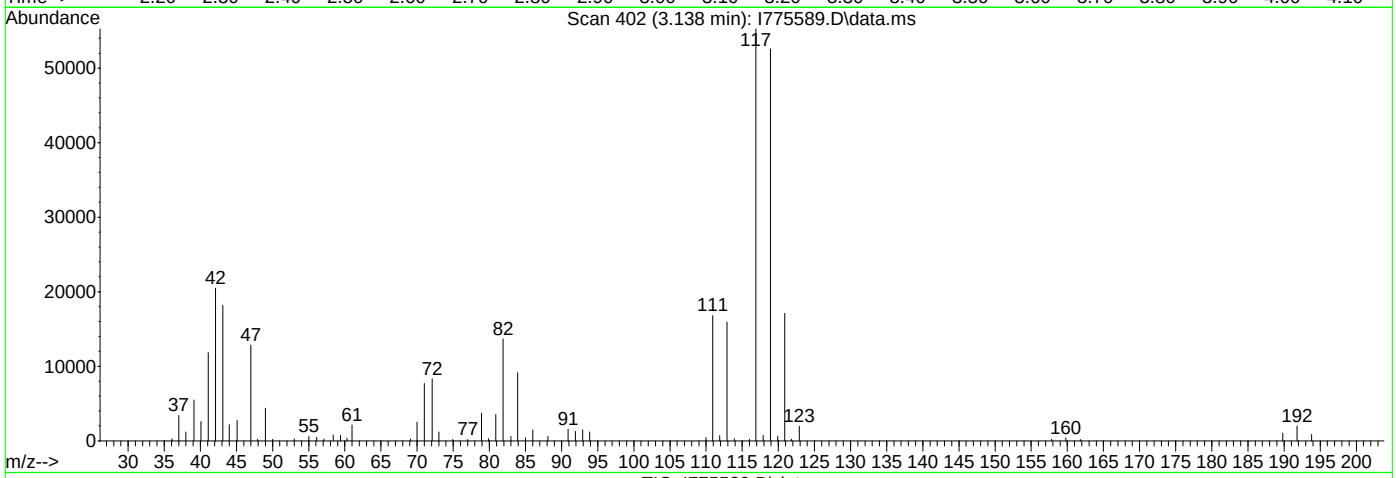
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.86	Poorly defined baseline
Acetonitrile	75-05-8		2.48	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.60	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 32.49ug/L

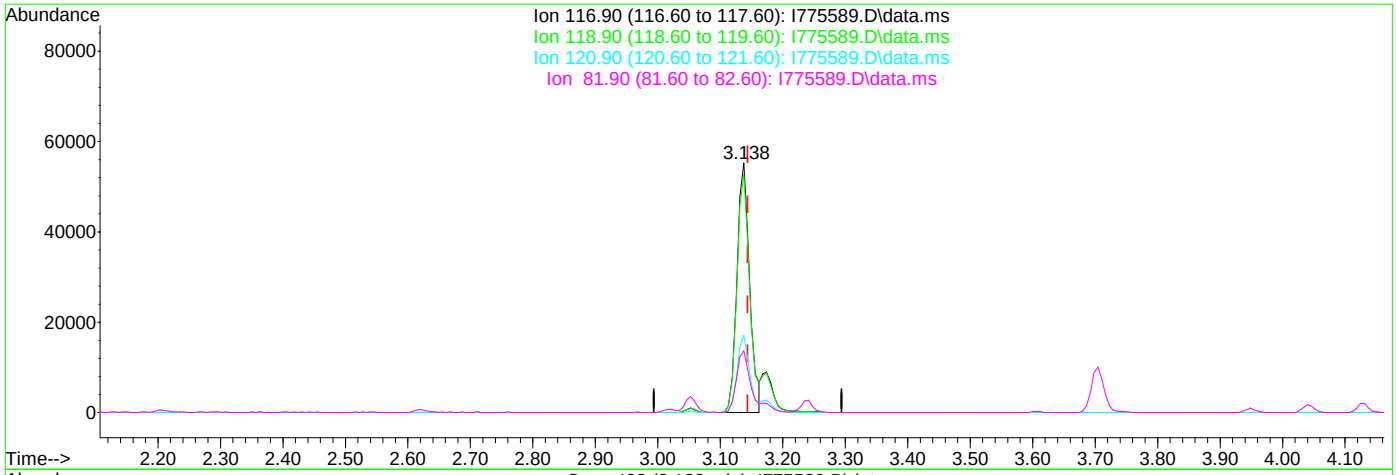
response 66691

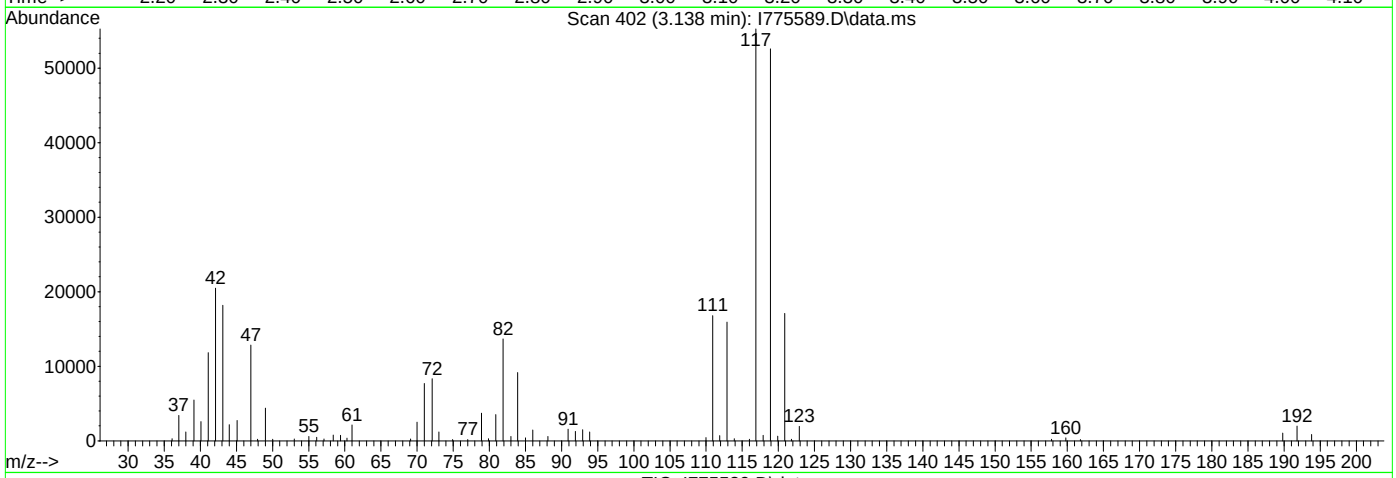
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.09
120.90	31.70	31.03
81.90	26.00	24.83

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 37.98ug/L m

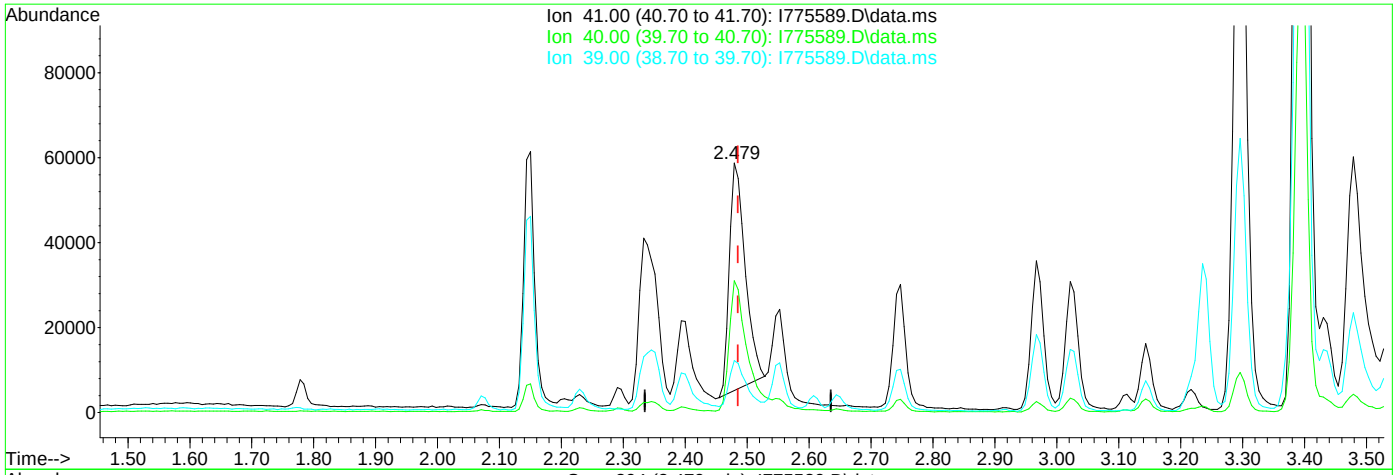
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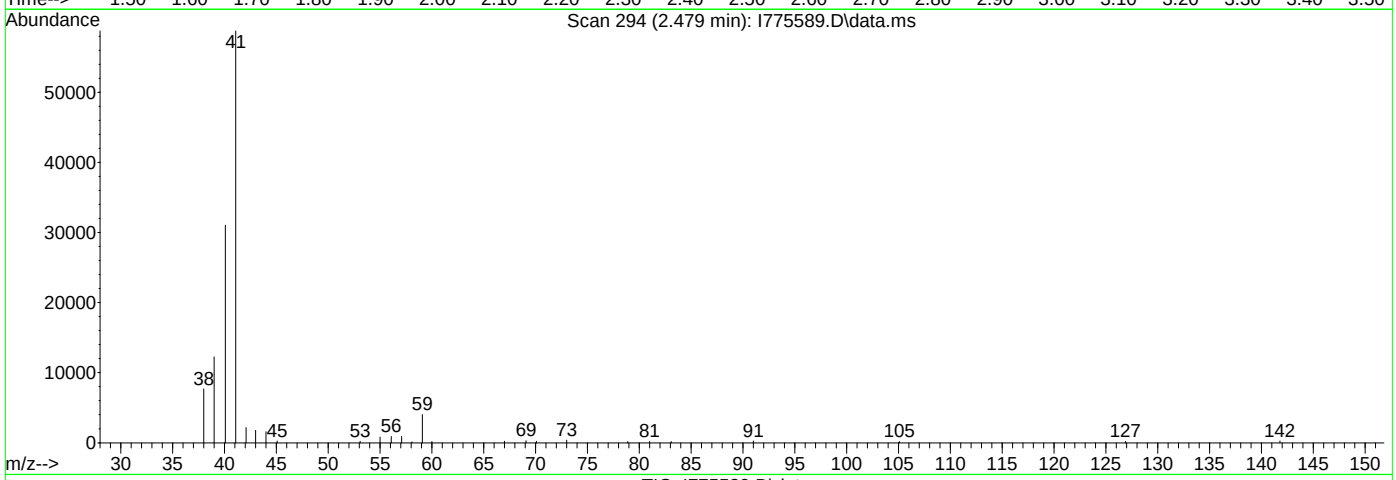
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	95.12
120.90	31.70	30.93
81.90	26.00	24.75

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(24) Acetonitrile

2.479min (-0.006) 343.65ug/L

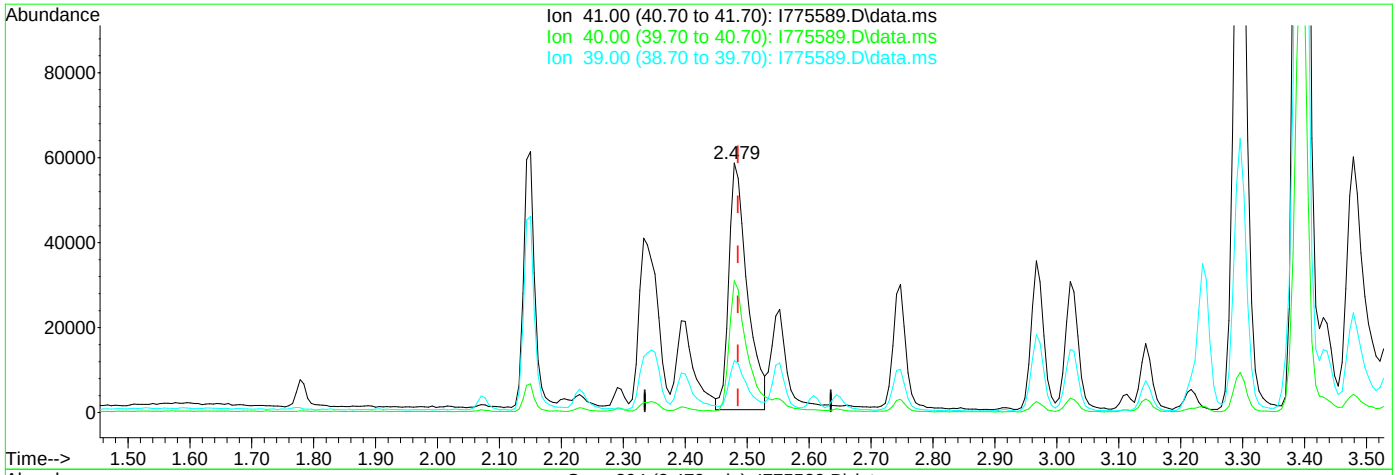
response 95660

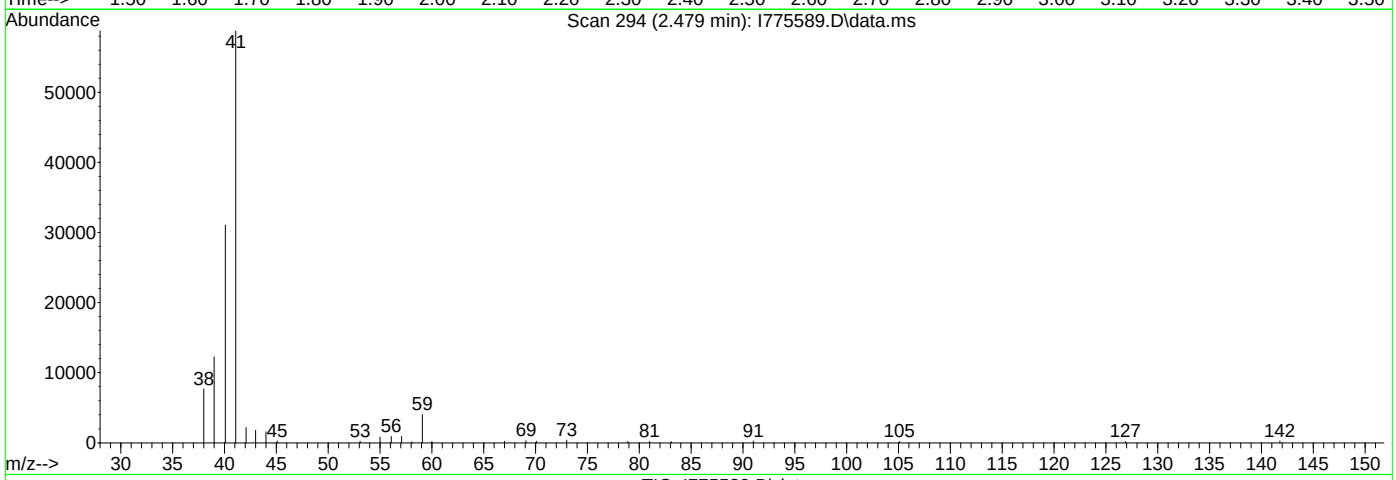
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	55.08
39.00	21.50	19.64
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(24) Acetonitrile

2.479min (-0.006) 439.94ug/L m

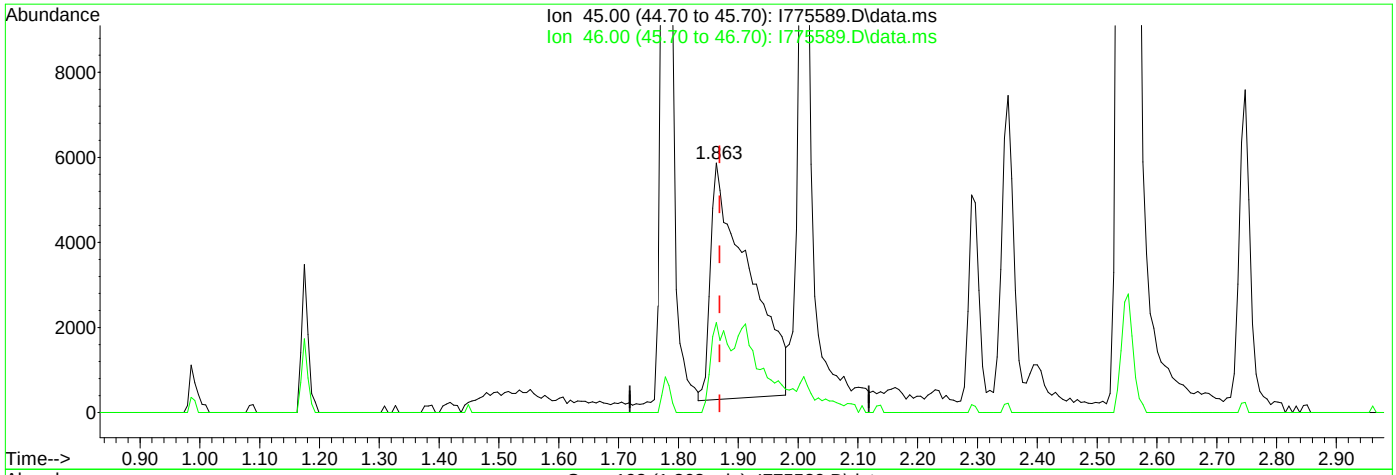
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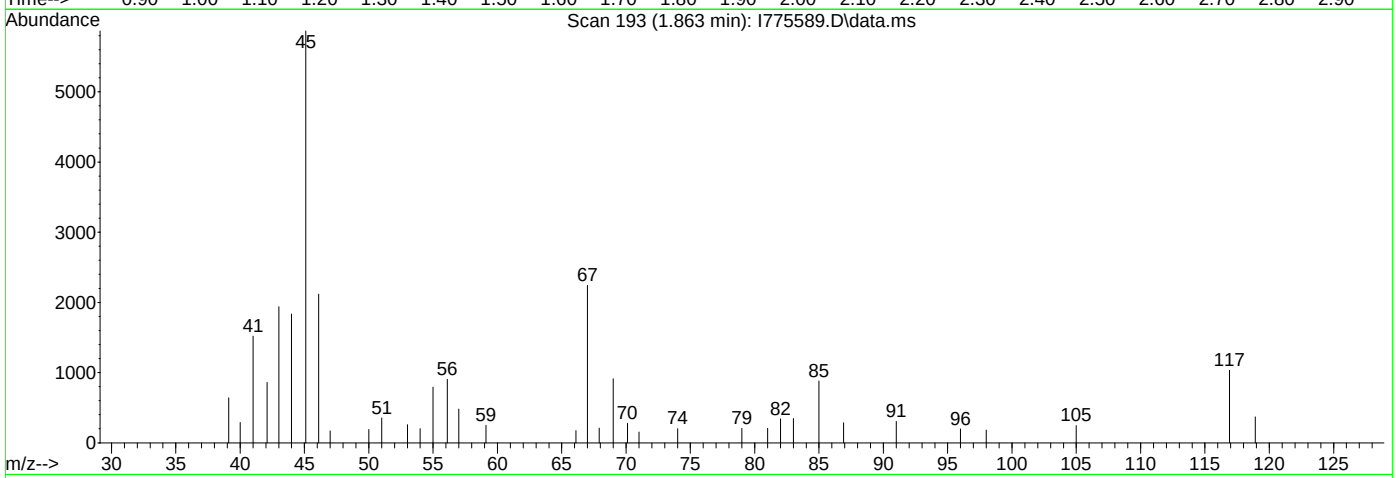
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.84
39.00	21.50	20.86
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(10) Ethanol

1.863min (-0.006) 665.44ug/L

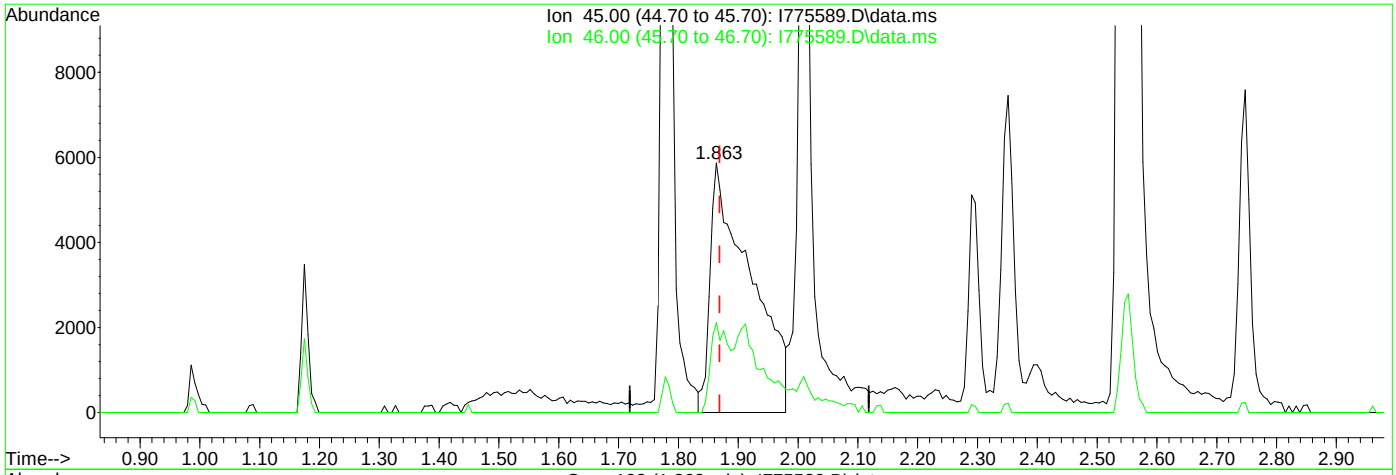
response 24337

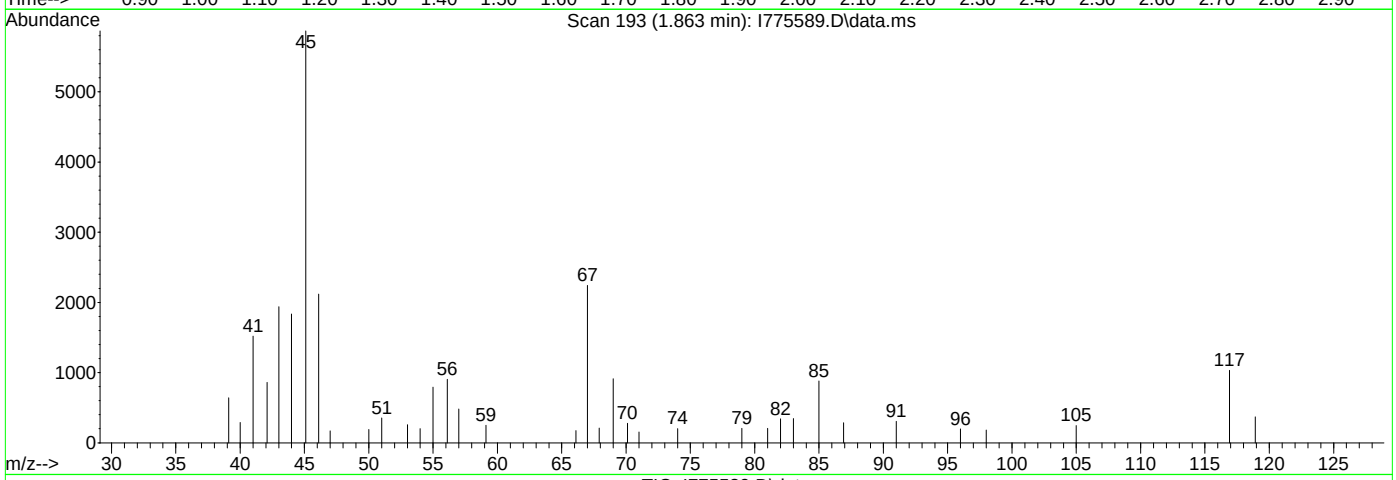
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	39.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(10) Ethanol

1.863min (-0.006) 772.34ug/L m

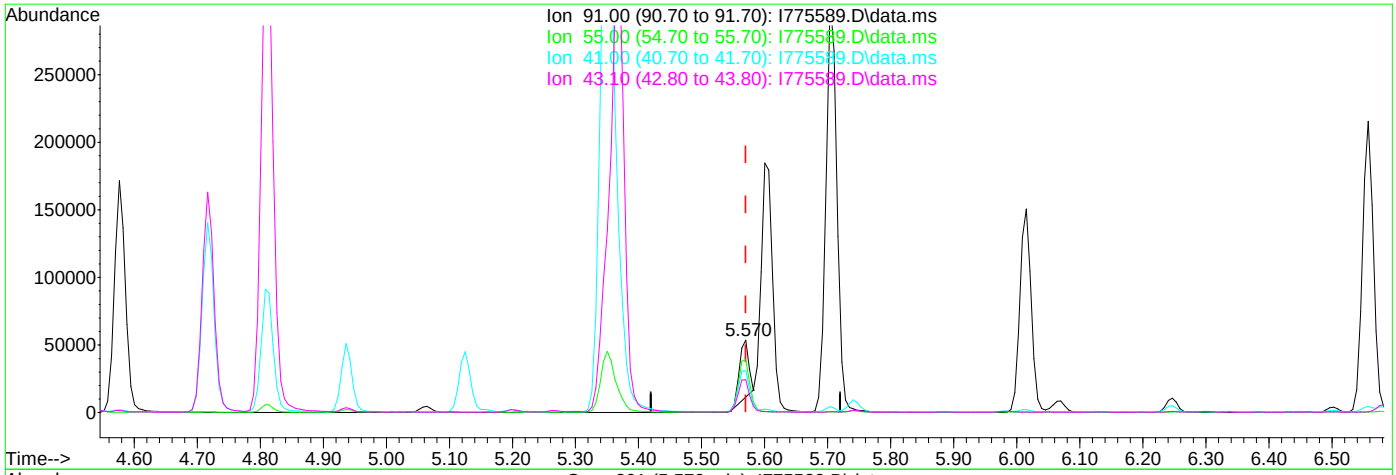
response 27392

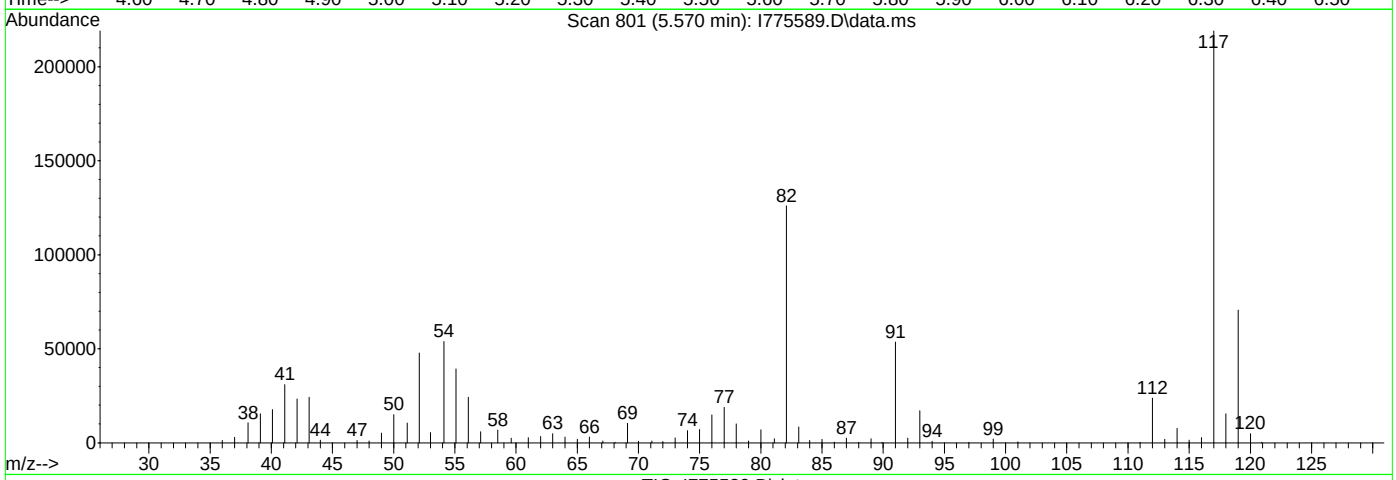
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	36.10
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 24.77ug/L

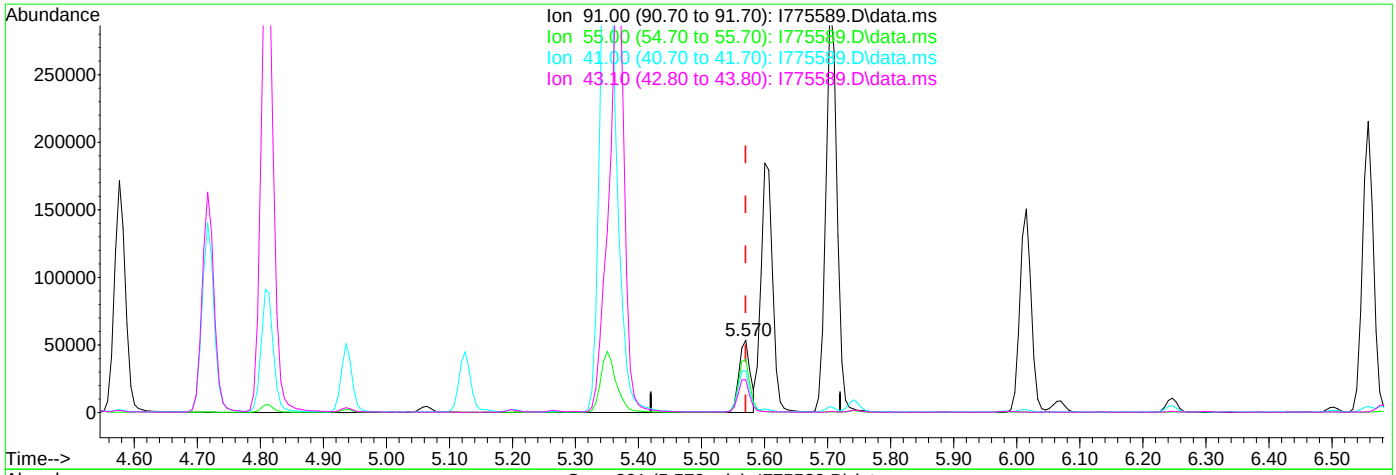
response 46964

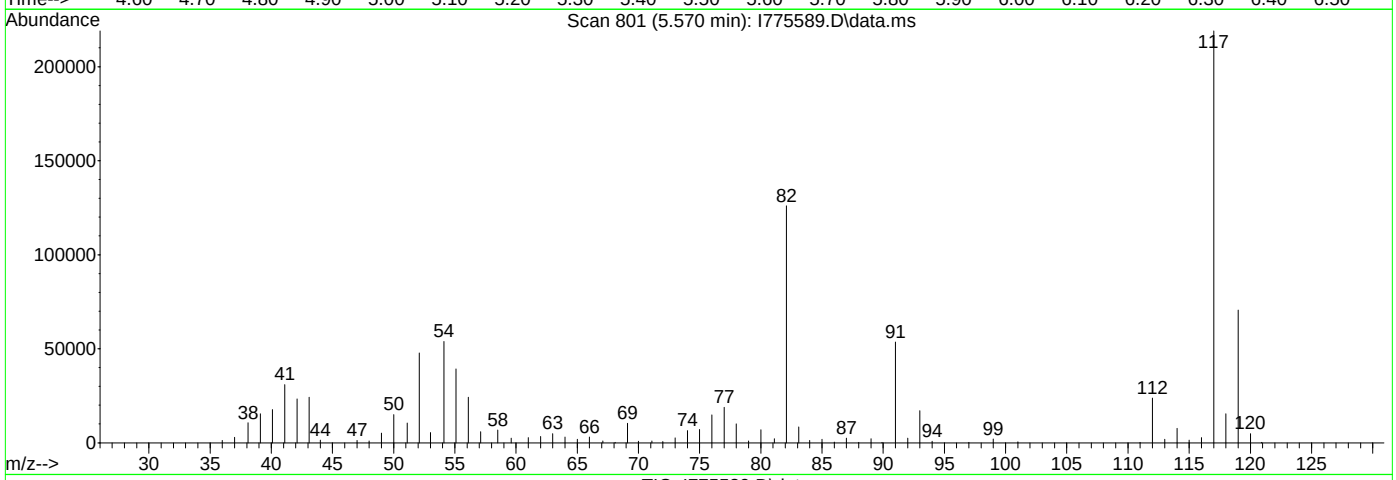
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	72.25
41.00	47.90	56.31
43.10	37.40	44.06

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 35.06ug/L m

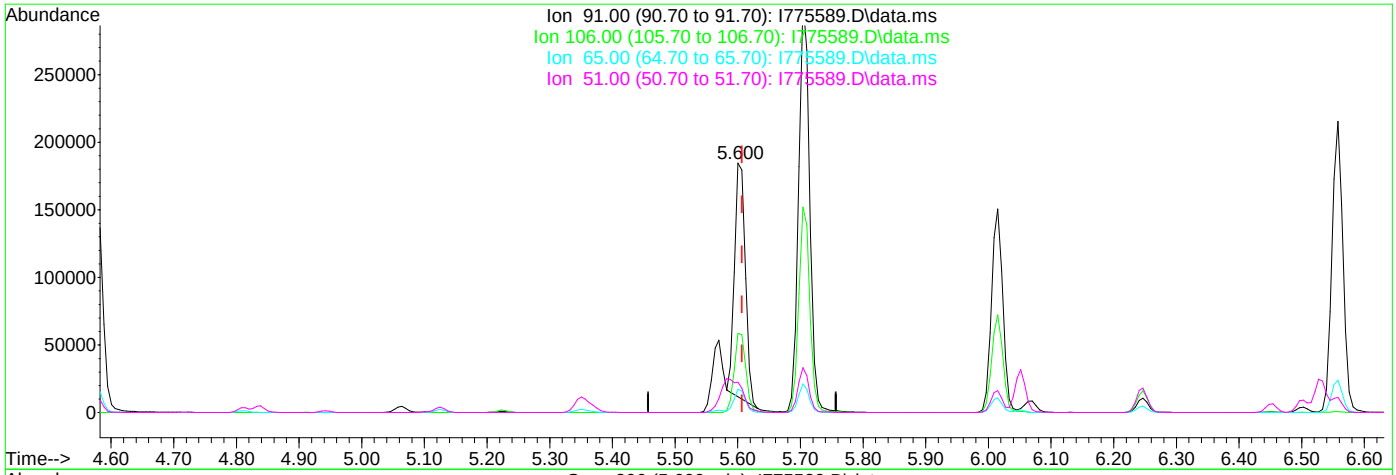
response 66468

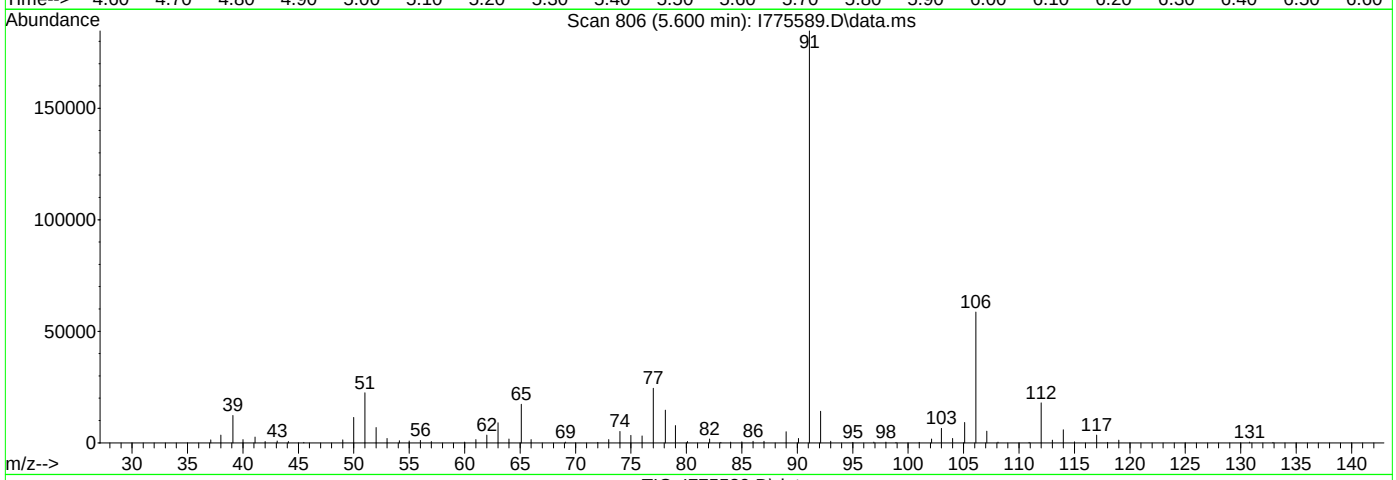
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	73.18
41.00	47.90	57.84
43.10	37.40	45.28

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(77) Ethylbenzene

5.600min (-0.007) 33.29ug/L

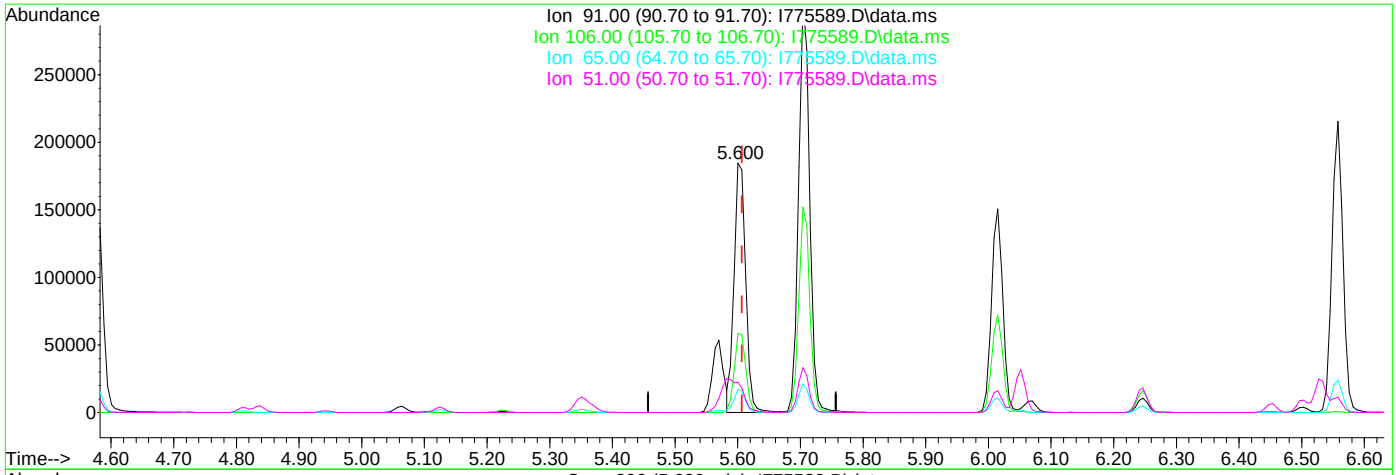
response 206644

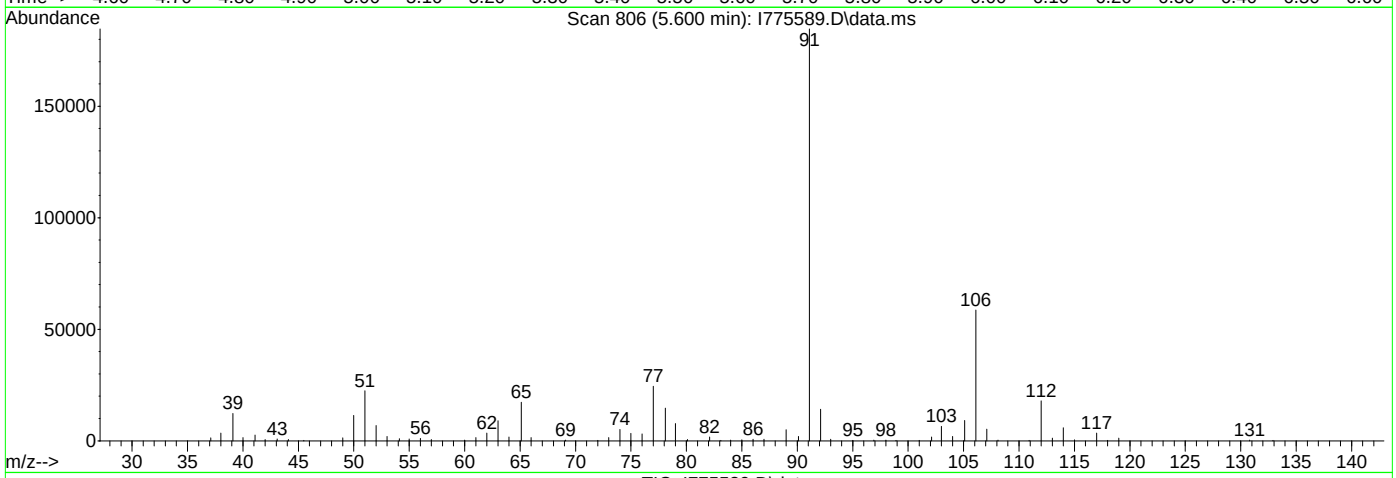
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.78
65.00	8.60	9.31
51.00	10.50	11.66

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\11-06-25\
Data File : I775589.D
Acq On : 6 Nov 2025 1:23 pm
Operator : jeniferw
Sample : ICV3738-5 Inst : VOA16-MSI
Misc : MS60326,VI3738,,,,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 06 14:26:10 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I775589.D\data.ms

(77) Ethylbenzene

5.600min (-0.007) 38.35ug/L m

response 238061

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.73
65.00	8.60	9.36
51.00	10.50	12.15

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
12/09/25 08:47

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:55 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.607	96	393090	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.570	117	289724	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.314	152	158246	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	117898	49.97	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	99.94%		
49) 1,2-Dichloroethane-d4	3.449	65	124397	45.16	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery =	90.32%		
63) Toluene-d8	4.546	98	375811	49.66	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery =	99.32%		
86) 4-Bromofluorobenzene	6.454	174	117325	49.12	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery =	98.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	46571	23.34	ug/L	99
3) Chloromethane	1.205	50	41299	24.82	ug/L	100
4) 1,3-butadiene	1.272	39	4279	3.08	ug/L	78
5) Vinyl Chloride	1.260	62	41567	23.52	ug/L	100
6) Bromomethane	1.455	94	16071	22.49	ug/L	98
7) Chloroethane	1.516	64	9084	20.27	ug/L	97
8) Trichlorofluoromethane	1.601	101	49434	20.35	ug/L	99
9) Ethyl Ether	1.784	59	27520	21.63	ug/L	97
10) Ethanol	1.870	45	17365m	407.26	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	35197	32.24	ug/L	98
12) 1,1-Dichloroethene	1.894	61	43748	19.95	ug/L	99
13) Freon 113	1.912	101	31254	22.92	ug/L	96
14) Carbon Disulfide	1.912	76	88610	22.00	ug/L	90
15) Iodomethane	1.973	142	25019	20.59	ug/L	98
16) Acrolein	2.077	56	41336	101.94	ug/L	95
17) Allyl chloride	2.150	41	34979	18.95	ug/L #	83
18) Methylene Chloride	2.205	49	40445	21.83	ug/L	98
19) Acetone	2.235	43	69552	94.78	ug/L	90
20) Methyl acetate	2.296	43	213584	108.94	ug/L	99
21) trans-1,2-Dichloroethene	2.296	61	44573	20.56	ug/L	98
22) Hexane	2.333	56	24872	21.53	ug/L #	91
23) Methyl Tert Butyl Ether	2.351	73	100852	21.55	ug/L	95
24) Acetonitrile	2.485	41	70045m	230.62	ug/L	
25) Tert Butyl Alcohol	2.400	59	121646	231.91	ug/L	95
26) Di-isopropyl ether	2.552	45	100954	20.94	ug/L	97
27) Chloroprene	2.650	53	110191	25.65	ug/L	97
28) 1,1-Dichloroethane	2.619	63	57577	21.17	ug/L	98
29) Acrylonitrile	2.650	52	85020	130.35	ug/L	98
30) ETBE	2.747	59	106566	22.12	ug/L	96
31) Vinyl acetate	2.747	43	413571	98.55	ug/L	95
32) cis-1,2-Dichloroethene	2.912	96	35160	23.17	ug/L	91
33) 2,2-Dichloropropane	2.973	77	49305	22.45	ug/L	99
34) Bromochloromethane	3.022	128	20468	25.86	ug/L	97
35) Cyclohexane	3.028	56	55877	23.73	ug/L	93
36) Chloroform	3.052	83	63598	22.79	ug/L	98
37) Ethyl acetate	3.113	43	320546	115.40	ug/L	99
38) Tetrahydrofuran	3.144	42	25122	24.54	ug/L	91
40) Carbon Tetrachloride	3.138	117	45810m	21.26	ug/L	
41) 1,1,1-Trichloroethane	3.174	97	51355	23.33	ug/L	96
42) 2-Butanone	3.217	43	154989	108.54	ug/L	96
43) 1,1-Dichloropropene	3.241	75	42366	23.12	ug/L	99
44) tert-Butyl formate	3.296	59	187543	102.98	ug/L	93

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:55 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	Propionitrile	3.388	54	102618	252.68	ug/L		89
46)	Methacrylonitrile	3.394	41	321905	227.64	ug/L		97
47)	Benzene	3.375	78	132756	23.42	ug/L		98
48)	TAME	3.436	73	105031	22.56	ug/L		96
50)	1,2-Dichloroethane	3.491	62	48124	22.44	ug/L		98
51)	Isobutyl Alcohol	3.436	43	26238	390.09	ug/L		97
52)	Tert Amyl Alcohol	3.540	59	110381	226.86	ug/L		92
53)	Trichloroethene	3.705	95	36668	23.23	ug/L		95
54)	Methylcyclohexane	3.705	83	51986	24.71	ug/L		95
55)	Dibromomethane	3.948	93	25401	23.68	ug/L		98
56)	1,2-Dichloropropane	4.009	63	35820	23.74	ug/L		96
57)	Bromodichloromethane	4.040	83	47263	21.68	ug/L		97
58)	Methyl methacrylate	4.131	41	35550	19.39	ug/L		87
59)	1,4-Dioxane	4.168	88	17592	477.74	ug/L		84
60)	2-Chloroethyl vinyl ether	4.381	63	158285	147.59	ug/L		99
61)	cis-1,3-Dichloropropene	4.424	75	58529	23.47	ug/L		96
64)	Toluene	4.576	91	136999	23.35	ug/L		99
65)	2-Nitropropane	4.717	41	59437	70.60	ug/L		97
66)	4-Methyl-2-pentanone	4.814	43	268614	107.43	ug/L		96
67)	trans-1,3-Dichloropropene	4.838	75	55764	23.14	ug/L		96
68)	Tetrachloroethene	4.826	166	38557	24.26	ug/L		98
69)	Ethyl methacrylate	4.936	69	46620	21.25	ug/L		94
70)	1,1,2-Trichloroethane	4.942	83	28773	23.55	ug/L		99
71)	Dibromochloromethane	5.064	129	39417	23.09	ug/L		97
72)	1,3-Dichloropropane	5.125	76	57899	24.46	ug/L		96
73)	1,2-Dibromoethane	5.223	107	40089	24.42	ug/L		98
74)	3,3-Dimethyl-1-Butanol	5.351	57	596713	1215.38	ug/L		95
75)	2-hexanone	5.369	43	312753	110.39	ug/L		84
76)	1-Chlorohexane	5.570	91	43668m	21.91	ug/L		
77)	Ethylbenzene	5.601	91	148202m	22.71	ug/L		
78)	Chlorobenzene	5.582	112	93108	23.77	ug/L		100
79)	1,1,1,2-Tetrachloroethane	5.631	131	34179	22.90	ug/L		99
80)	m,p-Xylene	5.704	91	230695	45.32	ug/L		96
81)	o-Xylene	6.015	91	113459	22.30	ug/L		98
82)	Styrene	6.052	104	90107	22.47	ug/L		98
83)	Bromoform	6.070	173	27722	22.55	ug/L		98
84)	Isopropylbenzene	6.247	105	142065	22.45	ug/L		99
87)	cis-1,4-Dichloro-2-butene	6.503	53	18435	20.21	ug/L		94
88)	n-Propylbenzene	6.558	91	162755	22.36	ug/L		98
89)	Bromobenzene	6.533	156	40749	24.24	ug/L		94
90)	1,1,2,2-Tetrachloroethane	6.606	83	53672	24.57	ug/L		98
91)	1,3,5-Trimethylbenzene	6.710	105	118018	22.29	ug/L		99
92)	2-Chlorotoluene	6.674	91	90073	22.43	ug/L		99
93)	trans-1,4-Dichloro-2-B...	6.741	53	13835	19.81	ug/L		89
94)	1,2,3-Trichloropropane	6.710	110	17676	23.80	ug/L		93
95)	Cyclohexanone	6.741	55	19853	122.77	ug/L		94
96)	4-Chlorotoluene	6.802	91	104546	22.55	ug/L		99
97)	tert-Butylbenzene	6.954	91	59966	21.25	ug/L		95
98)	1,2,4-Trimethylbenzene	7.009	105	116682	22.45	ug/L		99
99)	Pentachloroethane	6.966	167	21118	22.11	ug/L	#	72
100)	sec-Butylbenzene	7.094	105	139947	23.04	ug/L		95
101)	4-Isopropyltoluene	7.210	119	118255	22.59	ug/L		98
102)	1,3-Dichlorobenzene	7.259	146	72118	23.96	ug/L		97
103)	1,2,3-Trimethylbenzene	7.350	105	123407	22.92	ug/L		98
104)	1,4-Dichlorobenzene	7.326	146	73374	23.96	ug/L		97
105)	n-Butylbenzene	7.533	92	60799	22.03	ug/L		86
106)	Benzyl Chloride	7.515	126	22112	21.85	ug/L	#	91
107)	1,2-Dichlorobenzene	7.643	146	68599	23.91	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:55 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

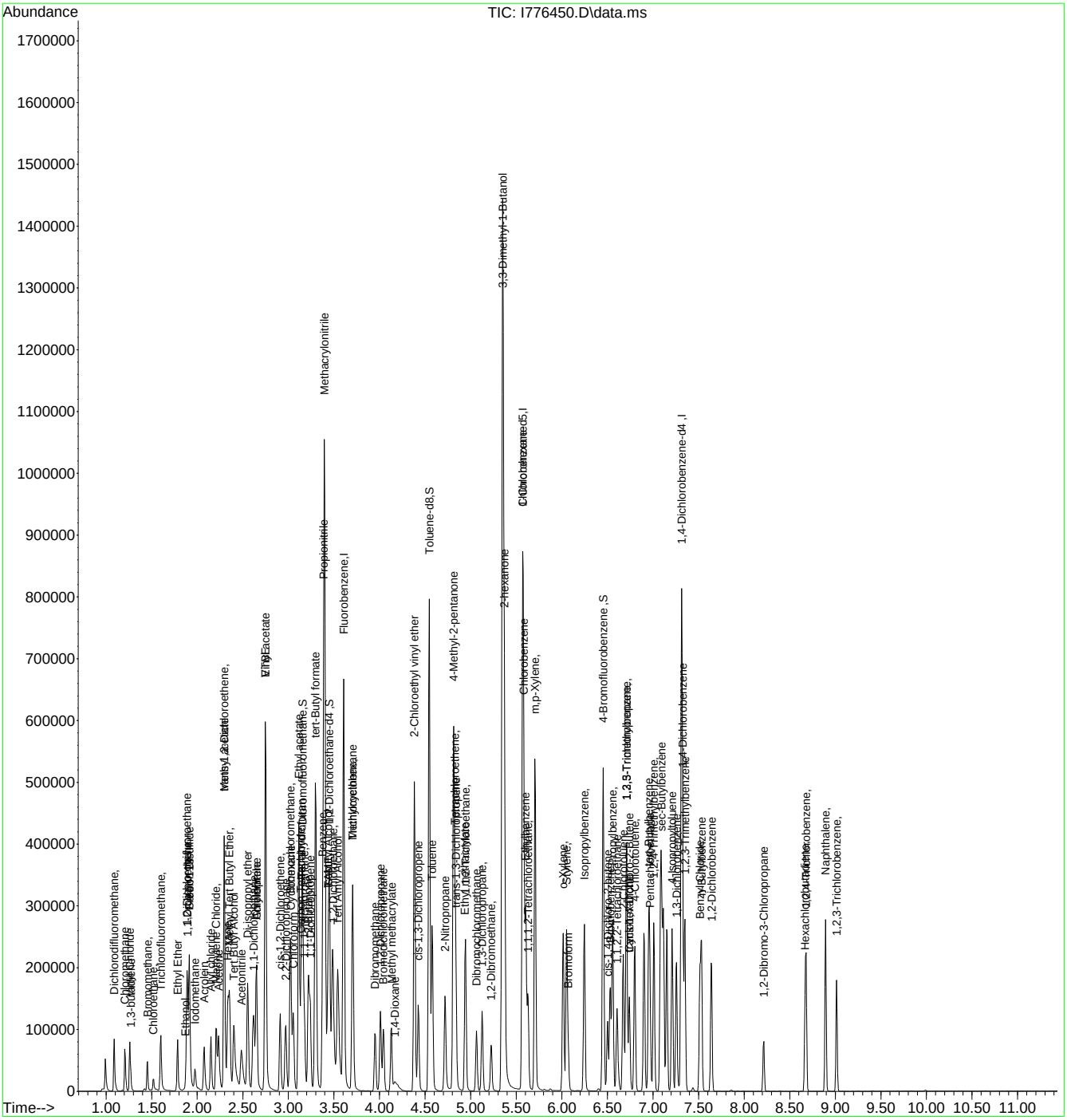
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
108) 1,2-Dibromo-3-Chloropr...	8.216	75	14011	20.86	ug/L	87
109) Hexachlorobutadiene	8.667	225	14552	23.93	ug/L	97
110) 1,2,4-Trichlorobenzene	8.679	180	40218	23.59	ug/L	97
111) Naphthalene	8.893	128	139790	22.55	ug/L	100
112) 1,2,3-Trichlorobenzene	9.015	180	37328	23.99	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:55 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



Manual Integration Approval Summary

Sample Number: VI3773-CC3738
Lab FileID: I776450.D
Injection Time: 12/08/25 11:24

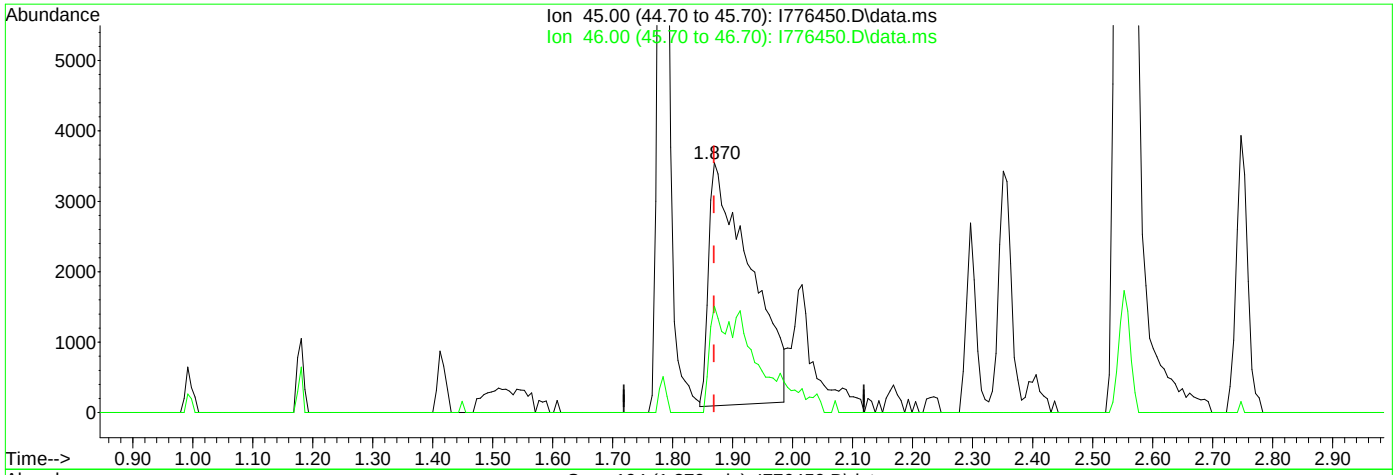
Method: SW846 8260D
Analyst approved: 12/08/25 14:13 David Way
Supervisor approved: 12/09/25 08:47 Karen Watson

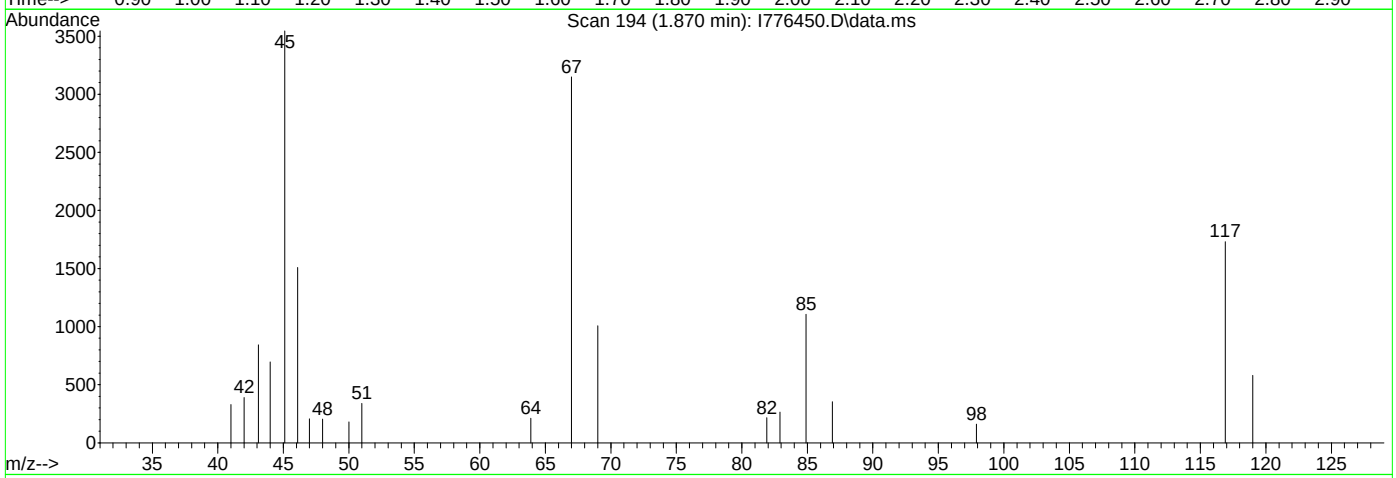
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.87	Split peak
Acetonitrile	75-05-8		2.49	Poorly defined baseline
Carbon Tetrachloride	56-23-5		3.14	Poorly defined baseline
1-Chlorohexane	544-10-5		5.57	Poorly defined baseline
Ethylbenzene	100-41-4		5.60	Poorly defined baseline

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(10) Ethanol

1.870min (+0.001) 377.20ug/L

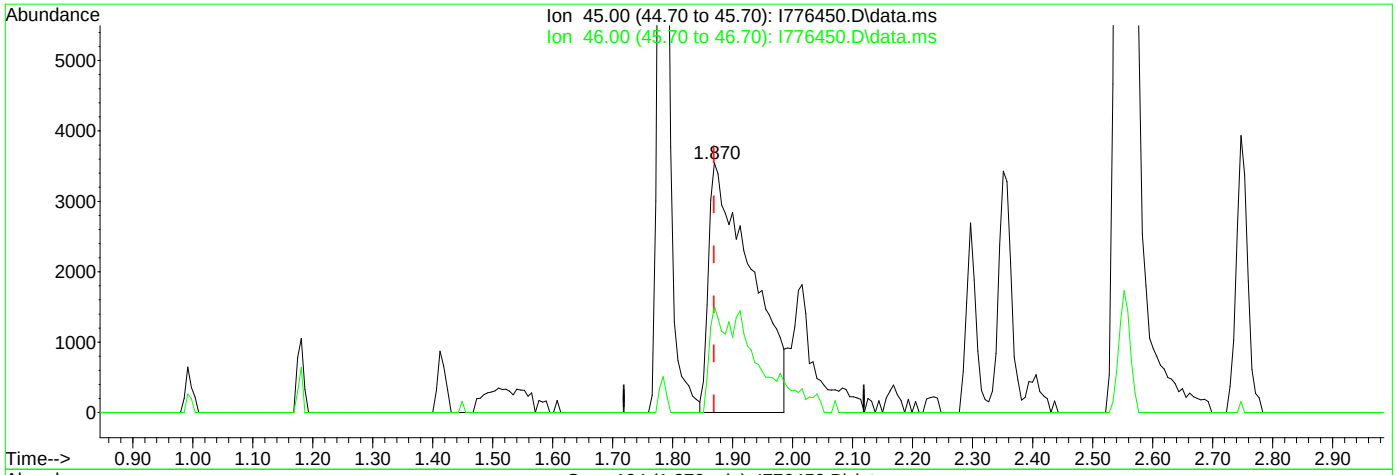
response 16372

Ion	Exp%	Act%
45.00	100	100
46.00	39.30	44.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
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Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration



TIC: I776450.D\data.ms

(10) Ethanol

1.870min (+0.001) 407.26ug/L m

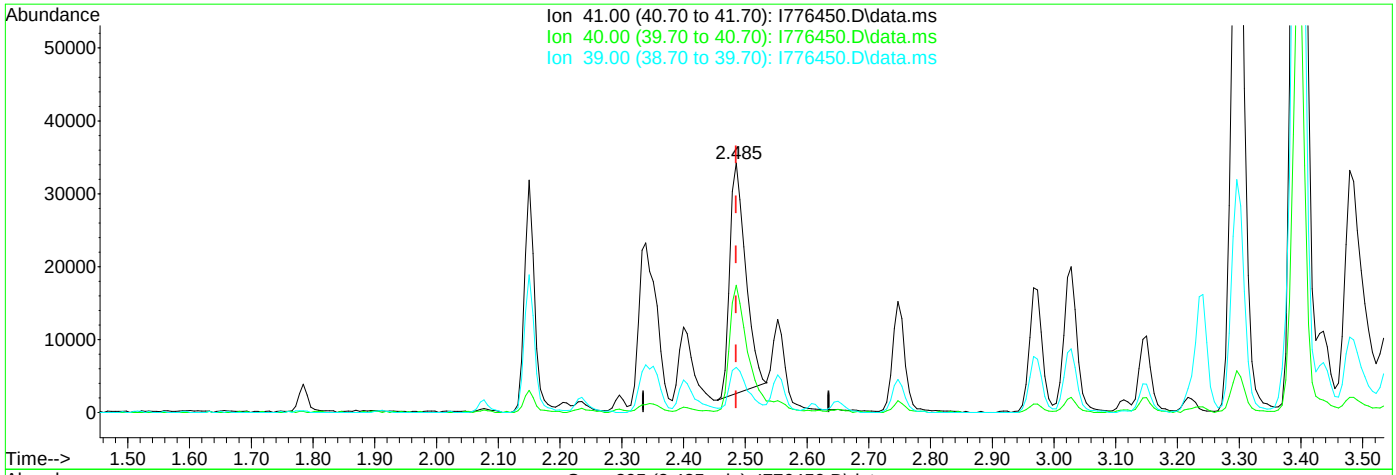
response 17365

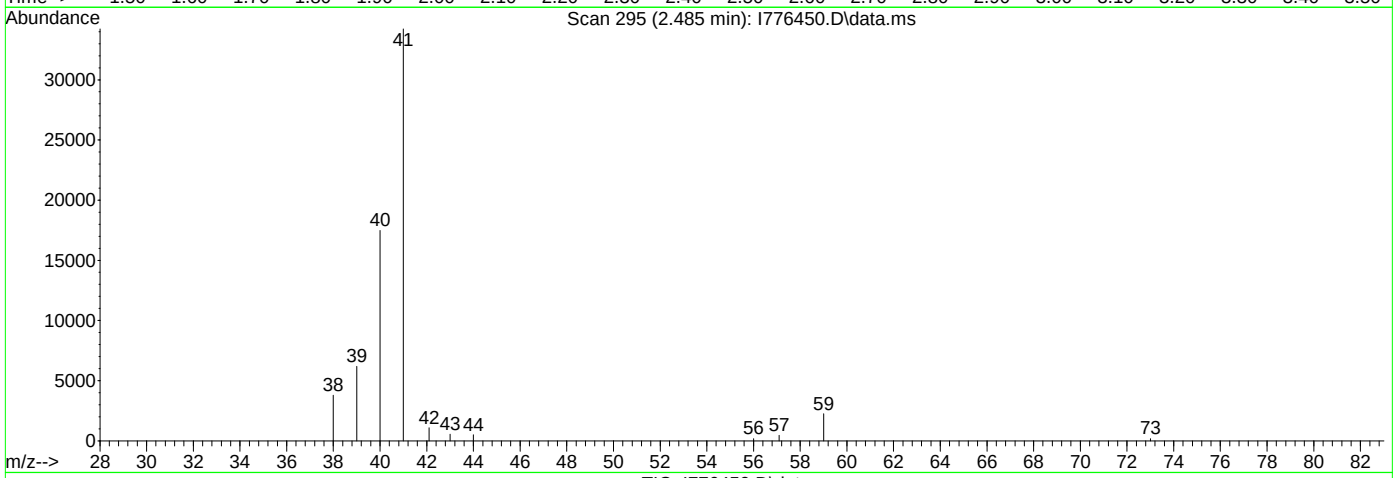
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	42.58
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 180.86ug/L

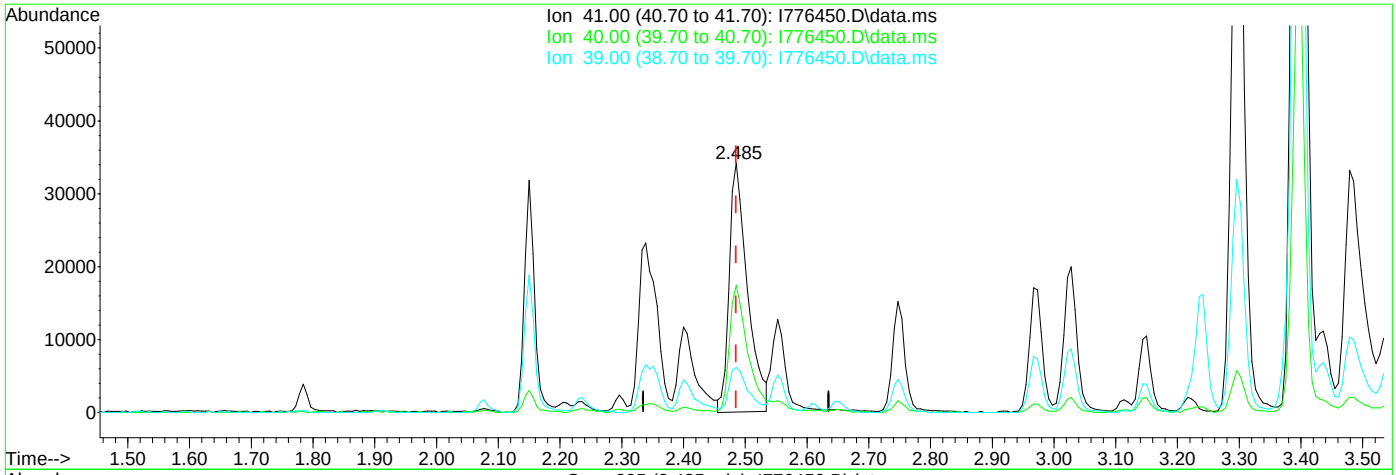
response 56650

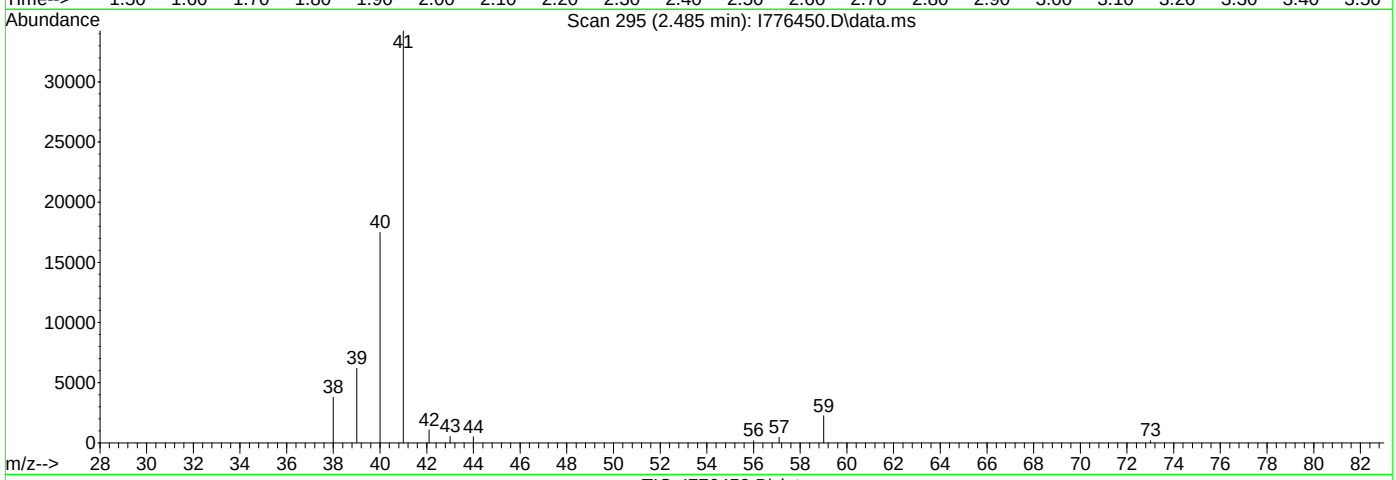
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	52.90
39.00	21.50	17.25
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(24) Acetonitrile

2.485min (+0.000) 230.62ug/L m

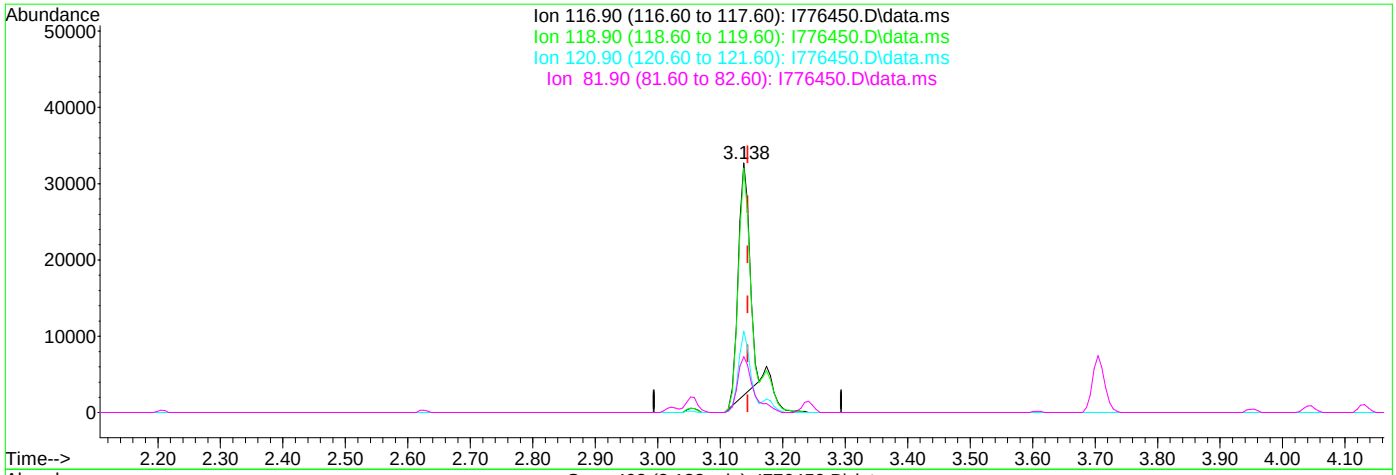
response 70045

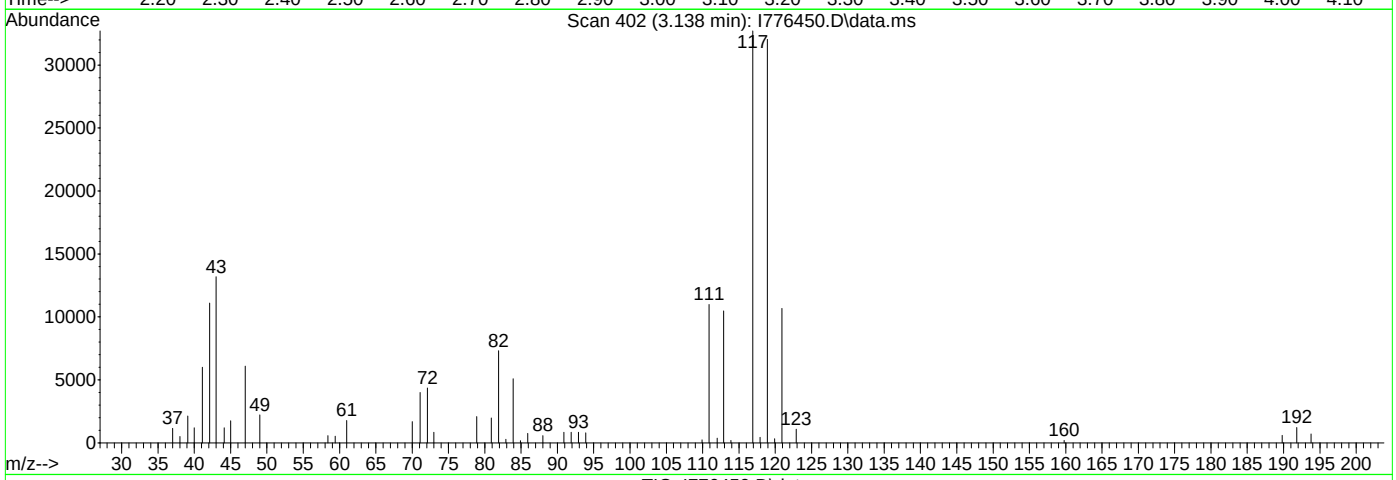
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.03
39.00	21.50	18.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 18.14ug/L

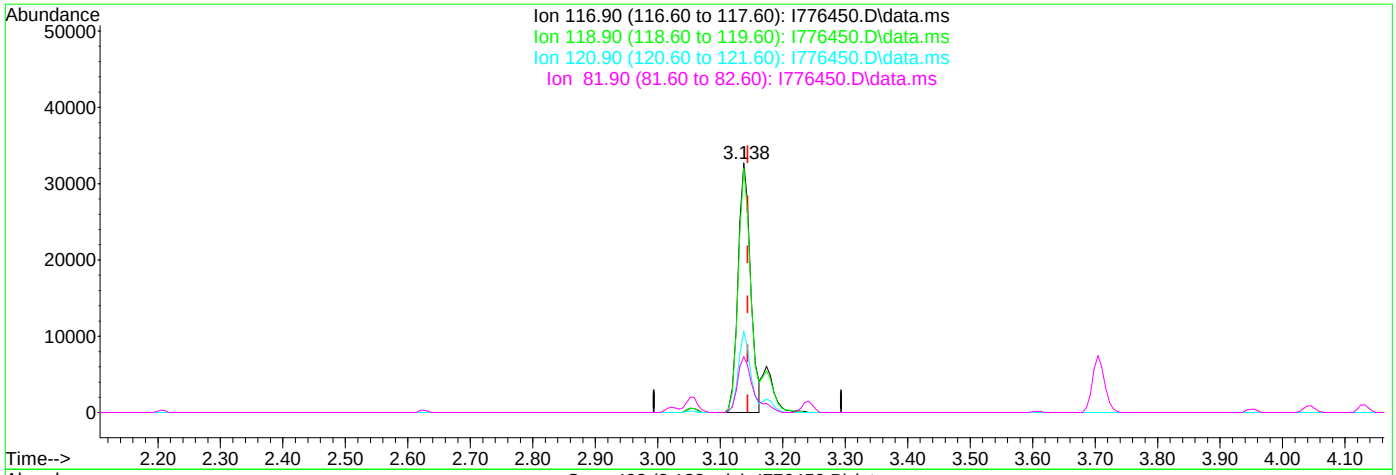
response 39090

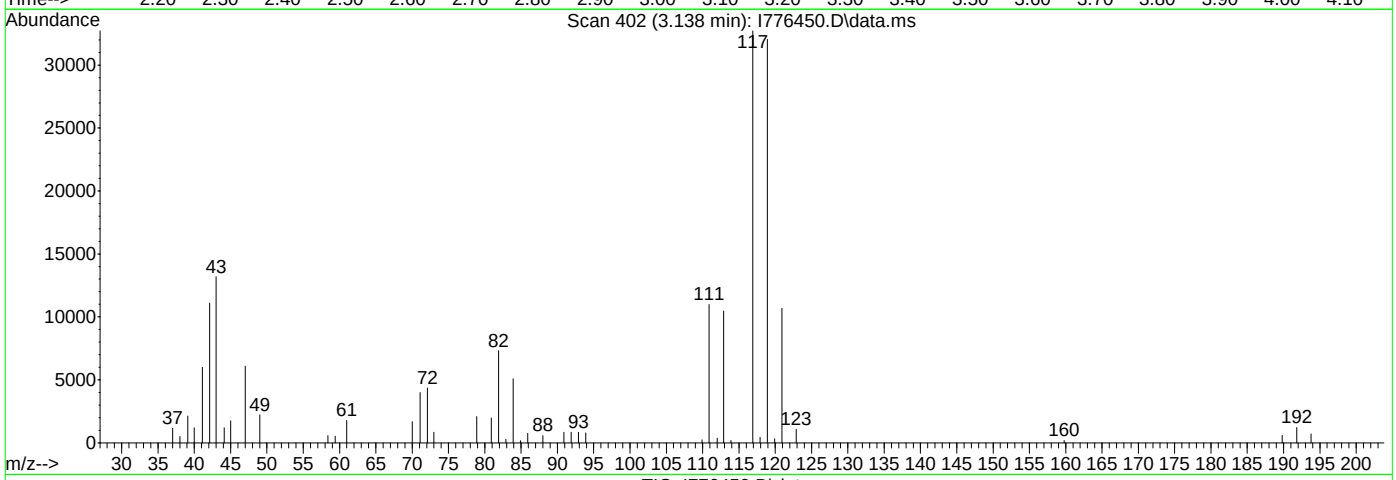
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.90
120.90	31.70	32.61
81.90	26.00	22.37

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(40) Carbon Tetrachloride ( )

3.138min (-0.006) 21.26ug/L m

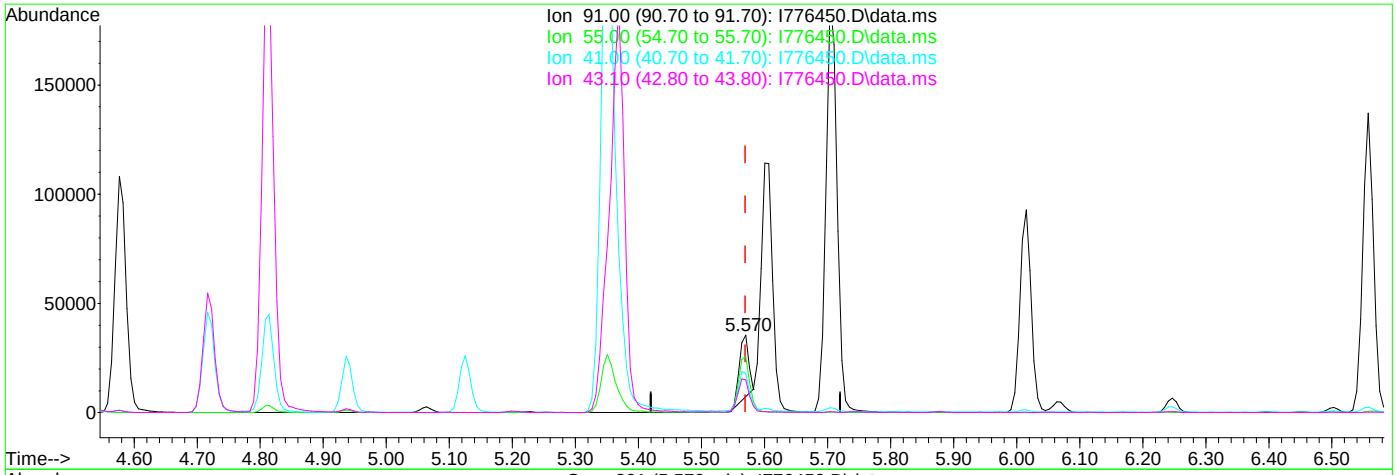
response 45810

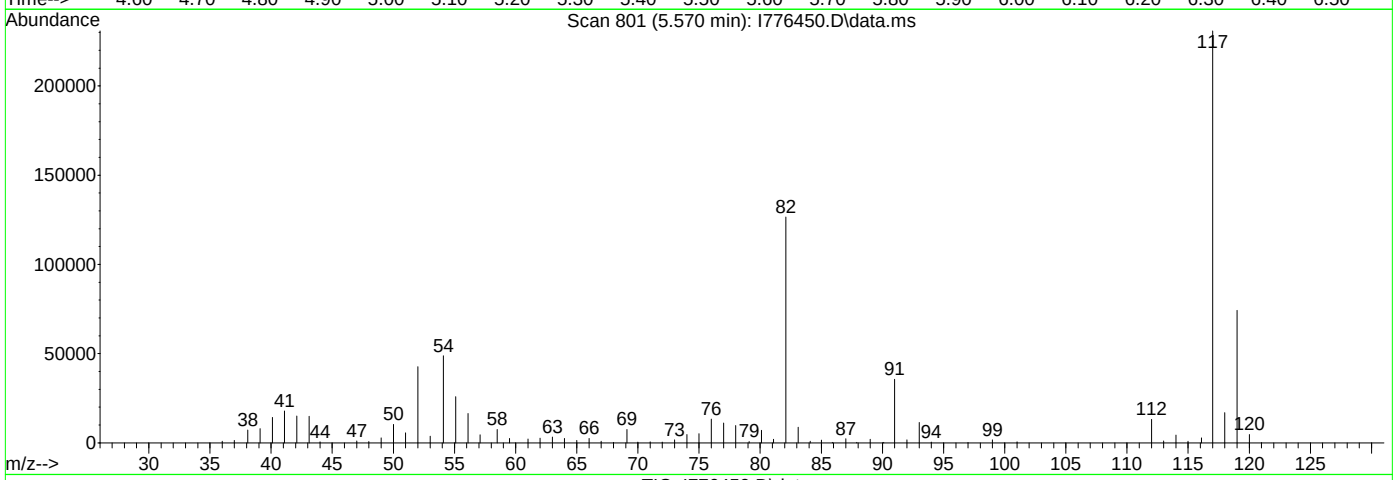
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.90
120.90	31.70	32.61
81.90	26.00	22.37

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 15.76ug/L

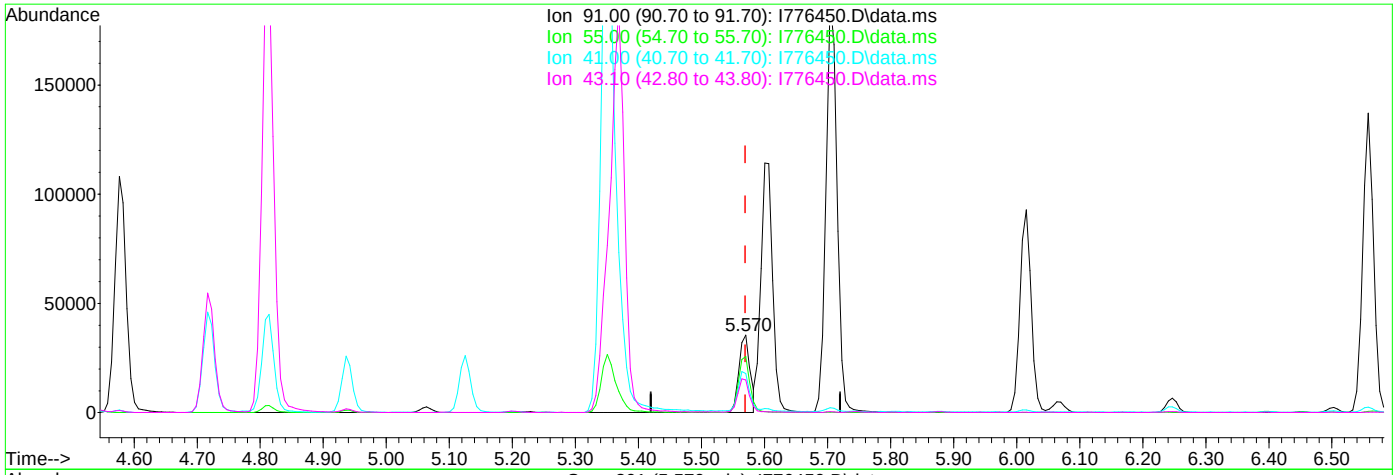
response 31414

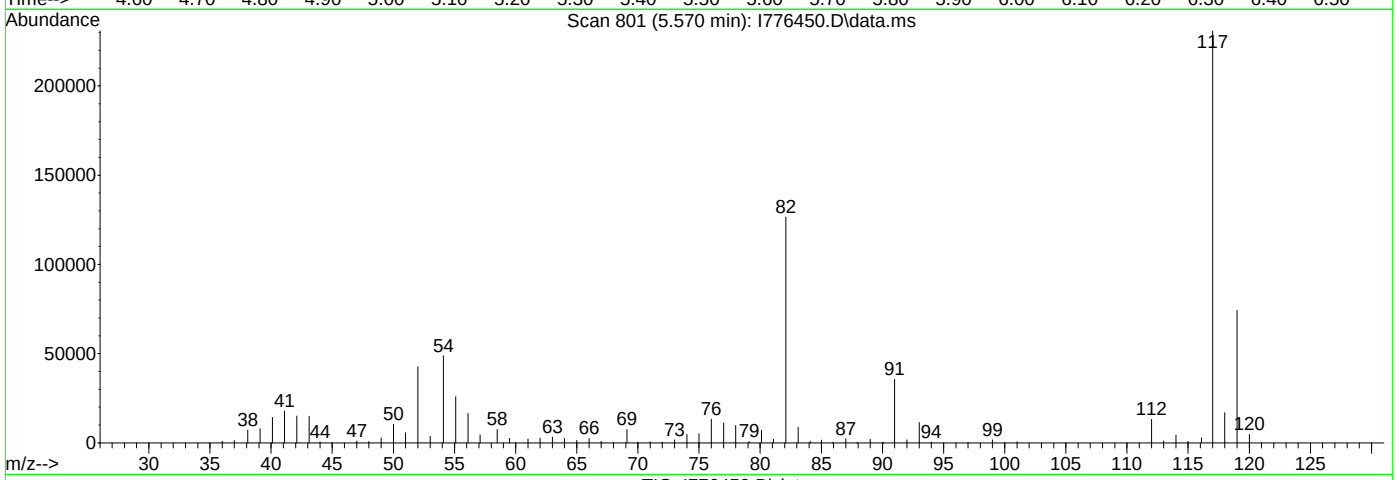
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	72.02
41.00	47.90	47.84
43.10	37.40	40.83

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(76) 1-Chlorohexane

5.570min (+0.000) 21.91ug/L m

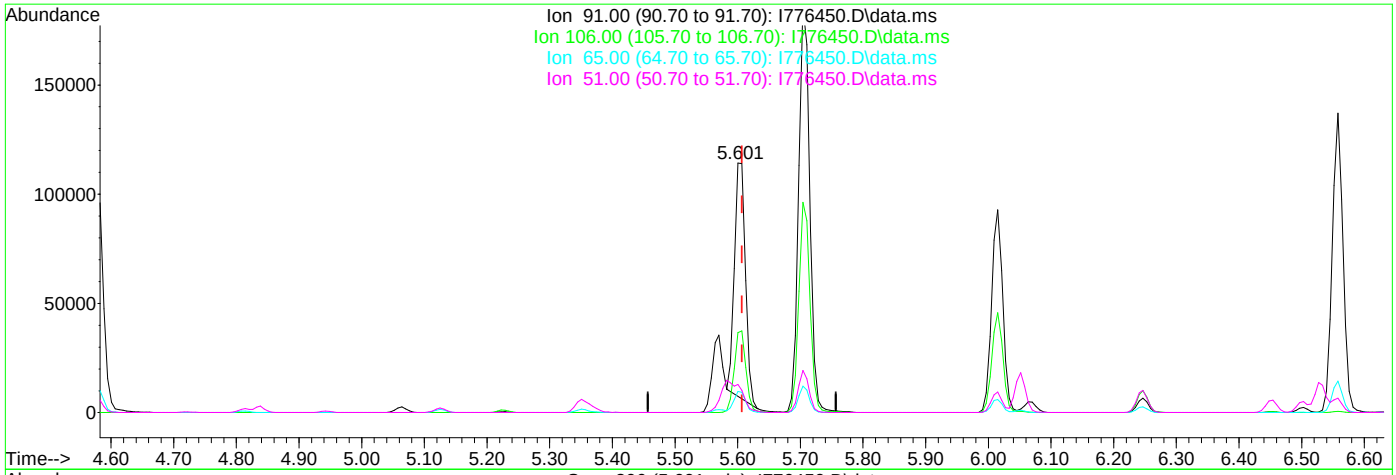
response 43668

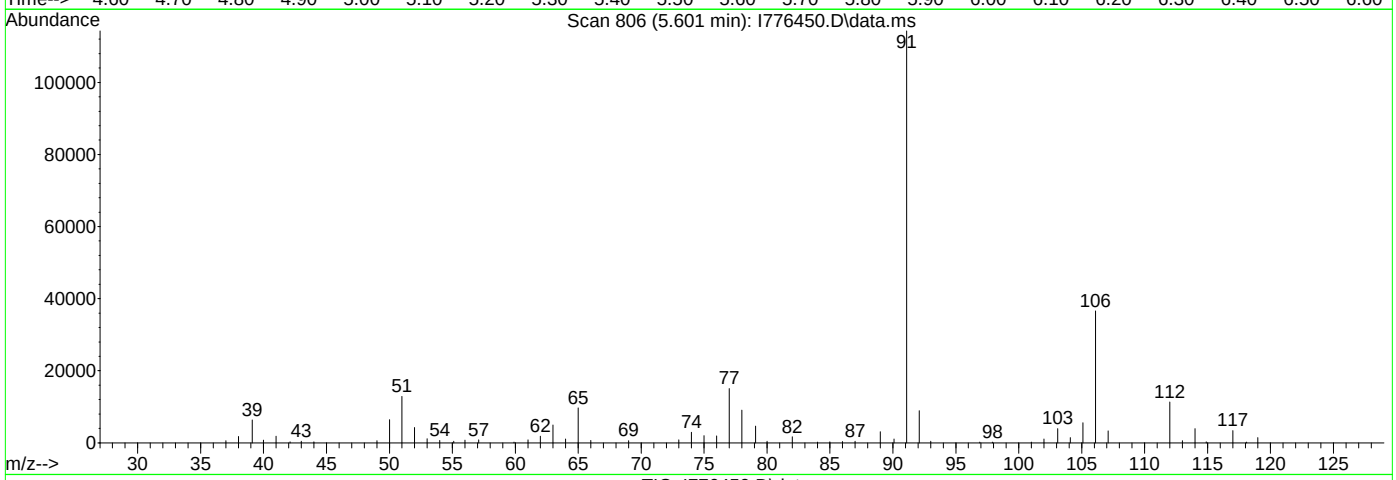
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	72.56
41.00	47.90	50.41
43.10	37.40	41.94

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(77) Ethylbenzene

5.601min (-0.006) 19.81ug/L

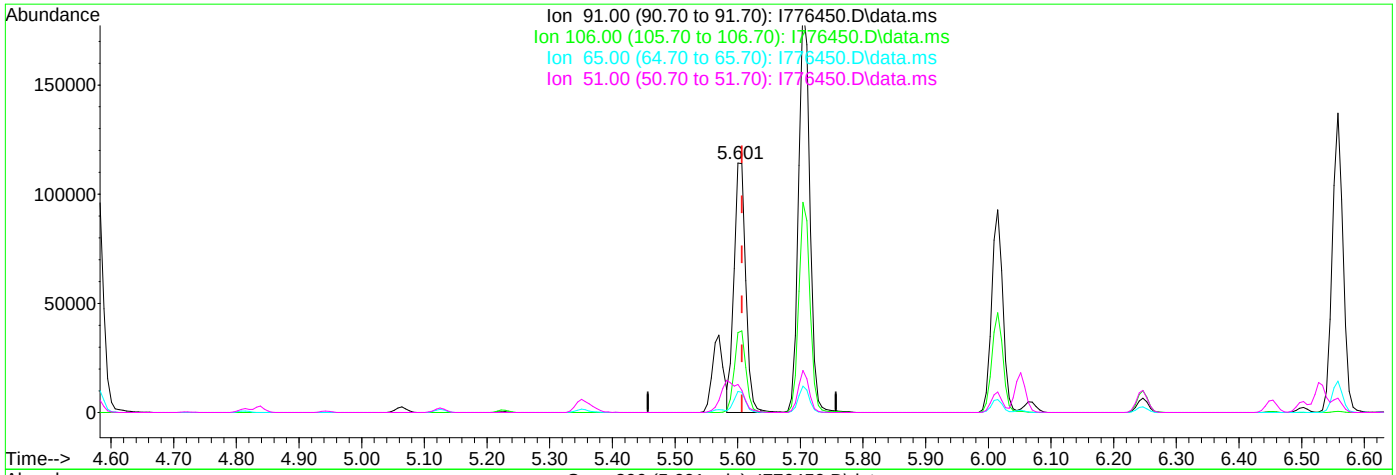
response 129282

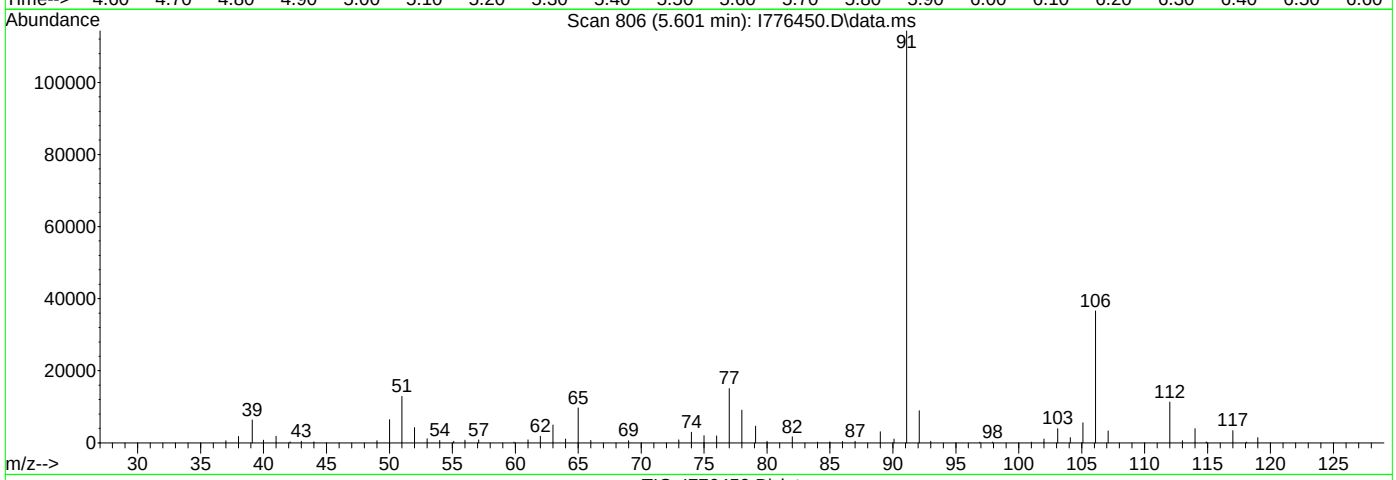
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	31.98
65.00	8.60	8.40
51.00	10.50	10.80

Quantitation Report (Qedit)

Data Path : C:\msdchem\1\data\12-08-25\
Data File : I776450.D
Acq On : 8 Dec 2025 11:24 am
Operator : davidw
Sample : CC3738-4 Inst : VOA16-MSI
Misc : MS60603,VI3773,,,,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 11:38:13 2025
Quant Method : C:\msdchem\1\methods\VI3738_11062025.M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776450.D\data.ms

(77) Ethylbenzene

5.601min (-0.006) 22.71ug/L m

response 148202

Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.01
65.00	8.60	8.44
51.00	10.50	11.26

Manual Integrations APPROVED (compounds with "m" flag)
Karen Watson
12/09/25 08:47

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	3.613	96	373821	50.00	ug/L	0.00
62) Chlorobenzene-d5	5.576	117	276896	50.00	ug/L	0.00
85) 1,4-Dichlorobenzene-d4	7.313	152	150100	50.00	ug/L	0.00
System Monitoring Compounds						
39) Dibromofluoromethane	3.156	113	111498	49.70	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 99.40%			
49) 1,2-Dichloroethane-d4	3.454	65	120258	45.91	ug/L	0.00
Spiked Amount 50.000	Range 79 - 125		Recovery = 91.82%			
63) Toluene-d8	4.552	98	356830	49.34	ug/L	0.00
Spiked Amount 50.000	Range 85 - 112		Recovery = 98.68%			
86) 4-Bromofluorobenzene	6.454	174	111550	49.23	ug/L	0.00
Spiked Amount 50.000	Range 83 - 118		Recovery = 98.46%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.089	85	41444	21.8432	ug/L	98
3) Chloromethane	1.205	50	36428	23.0221	ug/L	97
4) 1,3-butadiene	1.272	39	4566	3.4940	ug/L	91
5) Vinyl Chloride	1.260	62	37104	22.0801	ug/L	100
6) Bromomethane	1.455	94	13967	20.5564	ug/L	97
7) Chloroethane	1.522	64	7521	17.5018	ug/L	96
8) Trichlorofluoromethane	1.601	101	43032	18.6293	ug/L	99
9) Ethyl Ether	1.784	59	25771	21.3016	ug/L	95
10) Ethanol	1.875	45	19103m	491.0210	ug/L	
11) 1,2-Dichlorotrifluoroe...	1.888	67	31832	30.6597	ug/L	99
12) 1,1-Dichloroethene	1.894	61	39366	18.8815	ug/L	99
13) Freon 113	1.912	101	27886	21.5033	ug/L	97
14) Carbon Disulfide	1.912	76	76650	20.0113	ug/L	91
15) Iodomethane	1.979	142	25267	21.8623	ug/L	96
16) Acrolein	2.077	56	37663	97.6666	ug/L	97
17) Allyl chloride	2.150	41	31422	17.9002	ug/L #	85
18) Methylene Chloride	2.211	49	38048	21.5967	ug/L	96
19) Acetone	2.235	43	66201	94.8623	ug/L	92
20) Methyl acetate	2.302	43	206854	110.9470	ug/L	98
21) trans-1,2-Dichloroethene	2.296	61	40590	19.6848	ug/L	99
22) Hexane	2.339	56	21861	19.9031	ug/L #	91
23) Methyl Tert Butyl Ether	2.357	73	93482	21.0019	ug/L	95
24) Acetonitrile	2.491	41	65505m	226.2959	ug/L	
25) Tert Butyl Alcohol	2.406	59	117406	235.3677	ug/L	95
26) Di-isopropyl ether	2.558	45	94471	20.6026	ug/L	97
27) Chloroprene	2.650	53	109039	26.6922	ug/L	98
28) 1,1-Dichloroethane	2.625	63	56504	21.8474	ug/L	96
29) Acrylonitrile	2.650	52	83819	135.1329	ug/L	98
30) ETBE	2.753	59	104157	22.7293	ug/L	96
31) Vinyl acetate	2.753	43	400330	100.3087	ug/L	95
32) cis-1,2-Dichloroethene	2.912	96	32352	22.4218	ug/L	89
33) 2,2-Dichloropropane	2.973	77	41856	20.0379	ug/L	98
34) Bromochloromethane	3.022	128	18456	24.5167	ug/L	98
35) Cyclohexane	3.028	56	50368	22.4910	ug/L	90
36) Chloroform	3.058	83	57158	21.5351	ug/L	96
37) Ethyl acetate	3.119	43	294213	111.3814	ug/L	99
38) Tetrahydrofuran	3.150	42	23975	24.6219	ug/L	92
40) Carbon Tetrachloride	3.144	117	41796m	20.3944	ug/L	
41) 1,1,1-Trichloroethane	3.180	97	46262	22.0686	ug/L	97
42) 2-Butanone	3.223	43	142983	105.2890	ug/L	96
43) 1,1-Dichloropropene	3.241	75	38004	21.8066	ug/L	96

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) tert-Butyl formate	3.302	59	158172	91.3298	ug/L		90
45) Propionitrile	3.387	54	95156	246.3820	ug/L		89
46) Methacrylonitrile	3.400	41	298452	221.9315	ug/L		97
47) Benzene	3.381	78	118982	22.0744	ug/L		93
48) TAME	3.442	73	95595	21.5891	ug/L		96
50) 1,2-Dichloroethane	3.491	62	43953	21.5481	ug/L		99
51) Isobutyl Alcohol	3.442	43	24902	389.3065	ug/L		94
52) Tert Amyl Alcohol	3.546	59	105096	227.1333	ug/L		90
53) Trichloroethene	3.710	95	33064	22.0312	ug/L		95
54) Methylcyclohexane	3.710	83	45758	22.8683	ug/L		93
55) Dibromomethane	3.954	93	23385	22.9223	ug/L		93
56) 1,2-Dichloropropane	4.015	63	32411	22.5911	ug/L		97
57) Bromodichloromethane	4.046	83	43231	20.8508	ug/L		99
58) Methyl methacrylate	4.131	41	34180	19.6056	ug/L		86
59) 1,4-Dioxane	4.180	88	18409	525.6927	ug/L		99
60) 2-Chloroethyl vinyl ether	4.387	63	142218	139.4460	ug/L		97
61) cis-1,3-Dichloropropene	4.430	75	52207	22.0113	ug/L		95
64) Toluene	4.582	91	124377	22.1772	ug/L		99
65) 2-Nitropropane	4.722	41	53009	65.8861	ug/L		97
66) 4-Methyl-2-pentanone	4.814	43	251157	105.1004	ug/L		98
67) trans-1,3-Dichloropropene	4.838	75	50901	22.1009	ug/L		97
68) Tetrachloroethene	4.832	166	35918	23.6424	ug/L		98
69) Ethyl methacrylate	4.942	69	43759	20.8733	ug/L		91
70) 1,1,2-Trichloroethane	4.948	83	26732	22.8972	ug/L		97
71) Dibromochloromethane	5.070	129	35728	21.9018	ug/L		97
72) 1,3-Dichloropropane	5.131	76	53462	23.6355	ug/L		97
73) 1,2-Dibromoethane	5.228	107	37395	23.8346	ug/L		100
74) 3,3-Dimethyl-1-Butanol	5.356	57	582453	1241.2996	ug/L		95
75) 2-hexanone	5.369	43	296500	109.5060	ug/L	#	65
76) 1-Chlorohexane	5.570	91	41286m	21.6761	ug/L		
77) Ethylbenzene	5.606	91	133156m	21.3521	ug/L		
78) Chlorobenzene	5.588	112	84869	22.6686	ug/L		99
79) 1,1,1,2-Tetrachloroethane	5.631	131	31218	21.8896	ug/L		98
80) m,p-Xylene	5.710	91	208579	42.8718	ug/L		95
81) o-Xylene	6.015	91	102713	21.1241	ug/L		99
82) Styrene	6.058	104	82546	21.5411	ug/L		96
83) Bromoform	6.070	173	25037	21.3054	ug/L		99
84) Isopropylbenzene	6.247	105	128470	21.2390	ug/L		98
87) cis-1,4-Dichloro-2-butene	6.503	53	16525	19.1018	ug/L		94
88) n-Propylbenzene	6.557	91	148600	21.5210	ug/L		99
89) Bromobenzene	6.533	156	37383	23.4414	ug/L		97
90) 1,1,2,2-Tetrachloroethane	6.606	83	51486	24.8542	ug/L		98
91) 1,3,5-Trimethylbenzene	6.710	105	106940	21.2984	ug/L		99
92) 2-Chlorotoluene	6.673	91	83330	21.8766	ug/L		99
93) trans-1,4-Dichloro-2-B...	6.740	53	12763	19.2674	ug/L		86
94) 1,2,3-Trichloropropane	6.710	110	16895	23.9878	ug/L		95
95) Cyclohexanone	6.740	55	19669	128.2295	ug/L		98
96) 4-Chlorotoluene	6.801	91	94662	21.5268	ug/L		98
97) tert-Butylbenzene	6.954	91	55083	20.5753	ug/L		97
98) 1,2,4-Trimethylbenzene	7.015	105	107695	21.8461	ug/L		98
99) Pentachloroethane	6.972	167	17998	19.8682	ug/L		94
100) sec-Butylbenzene	7.100	105	126833	22.0128	ug/L		98
101) 4-Isopropyltoluene	7.210	119	108210	21.7957	ug/L		97
102) 1,3-Dichlorobenzene	7.259	146	65548	22.9628	ug/L		99
103) 1,2,3-Trimethylbenzene	7.350	105	113181	22.1591	ug/L		97
104) 1,4-Dichlorobenzene	7.326	146	67638	23.2889	ug/L		93
105) n-Butylbenzene	7.533	92	53431	20.4105	ug/L		90

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

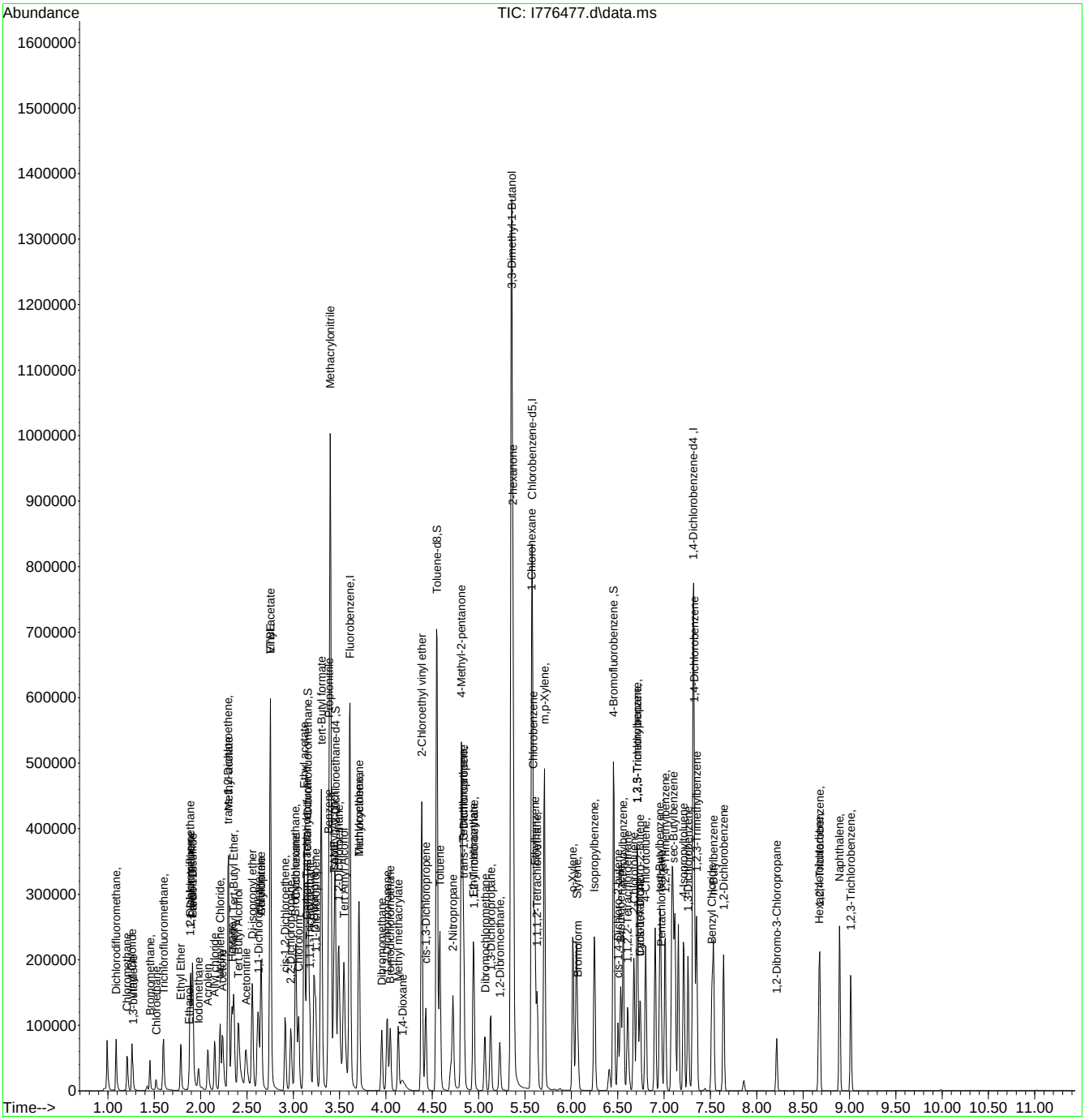
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
106) Benzyl Chloride	7.515	126	18398	19.1674 ug/L #	90
107) 1,2-Dichlorobenzene	7.643	146	64155	23.5760 ug/L	99
108) 1,2-Dibromo-3-Chloropr...	8.216	75	13280	20.8409 ug/L	91
109) Hexachlorobutadiene	8.673	225	13114	22.6590 ug/L	89
110) 1,2,4-Trichlorobenzene	8.679	180	37202	23.0053 ug/L	99
111) Naphthalene	8.892	128	132850	22.5946 ug/L	99
112) 1,2,3-Trichlorobenzene	9.014	180	35042	23.7455 ug/L	98

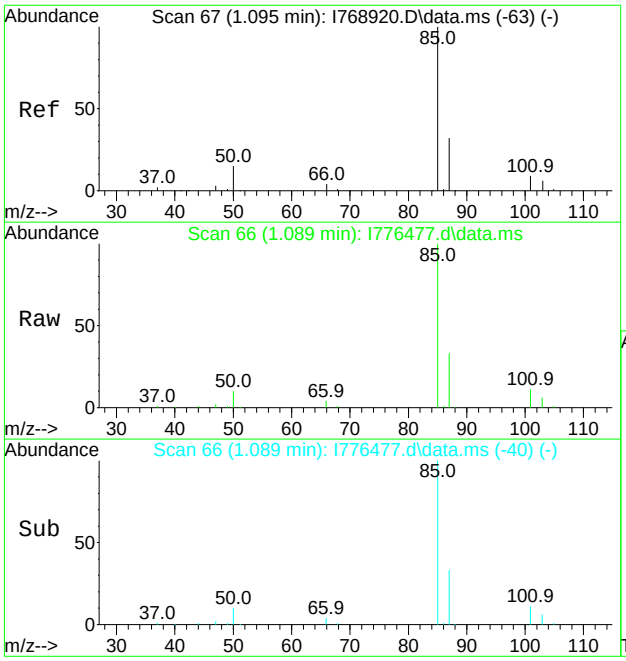
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration

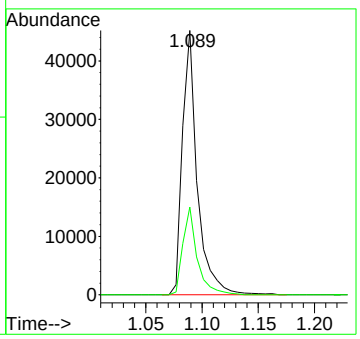


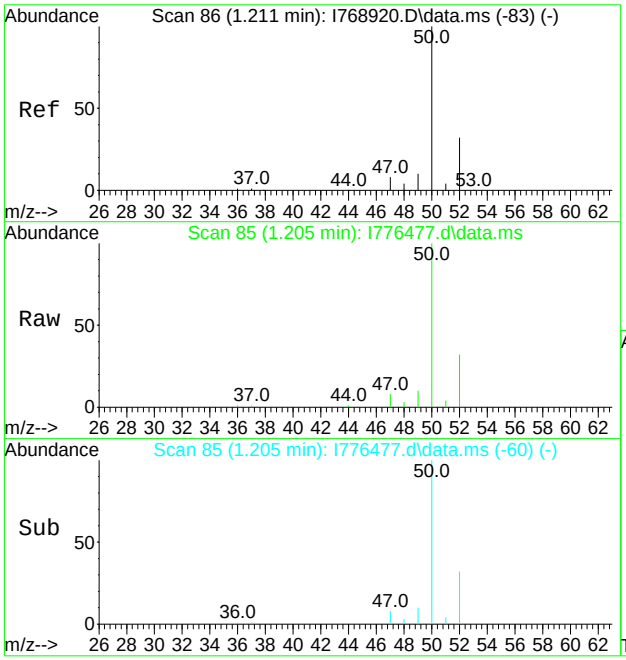


#2
Dichlorodifluoromethane
Concen: 21.8432 ug/L
RT: 1.089 min Scan# 66
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 85 Resp: 41444

Ion	Ratio	Lower	Upper
85	100		
87	33.2	2.1	62.1

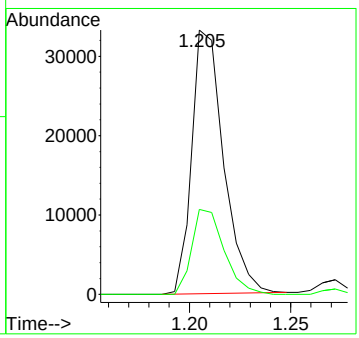


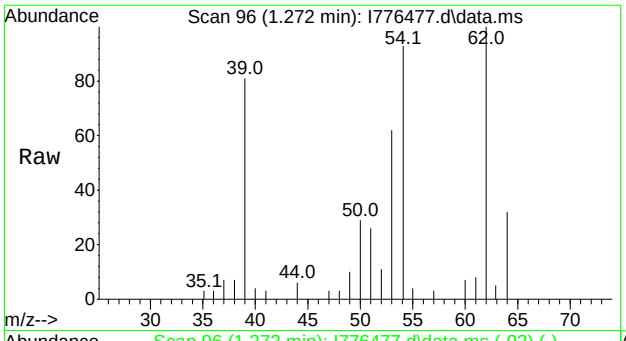


#3
Chloromethane
Concen: 23.0221 ug/L
RT: 1.205 min Scan# 85
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 50 Resp: 36428

Ion	Ratio	Lower	Upper
50	100		
52	32.1	3.8	63.8

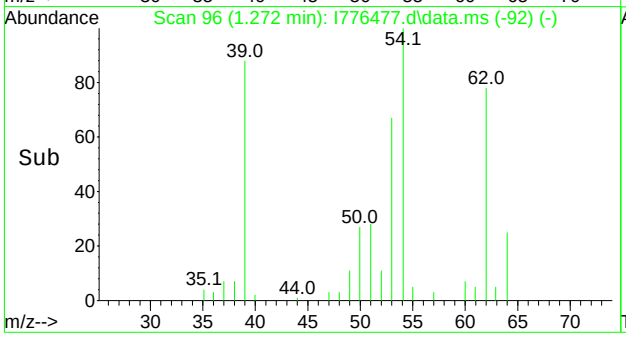


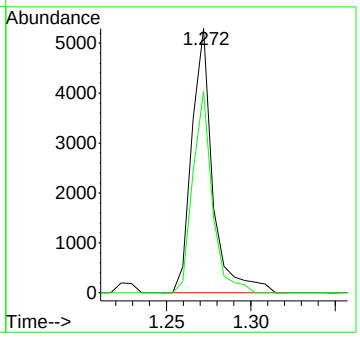


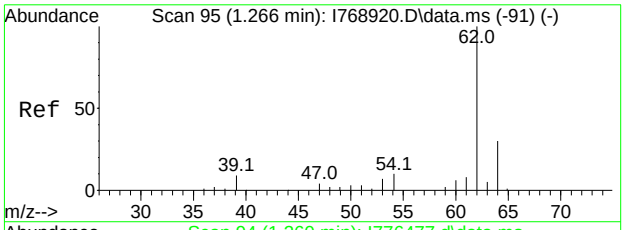
#4
1,3-butadiene
Concen: 3.4940 ug/L
RT: 1.272 min Scan# 96
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 39 Resp: 4566

Ion	Ratio	Lower	Upper
39	100		
53	76.2	48.6	88.6



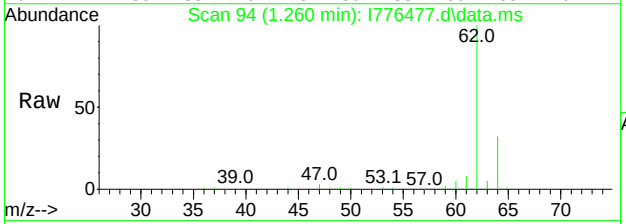


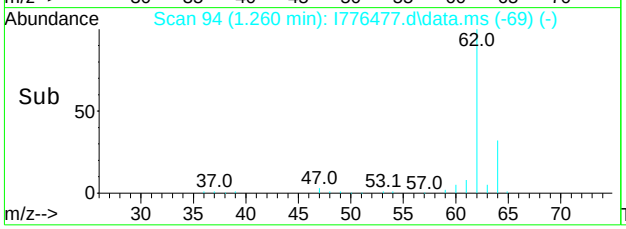


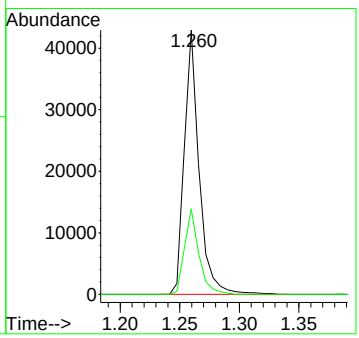
#5
Vinyl Chloride
Concen: 22.0801 ug/L
RT: 1.260 min Scan# 94
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

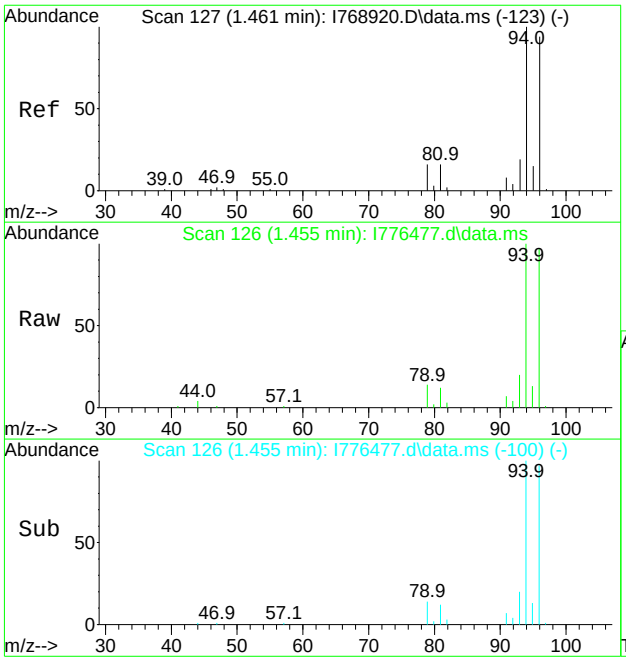
Tgt Ion: 62 Resp: 37104

Ion	Ratio	Lower	Upper
62	100		
64	32.3	2.5	62.5





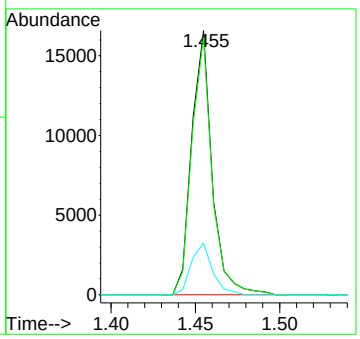


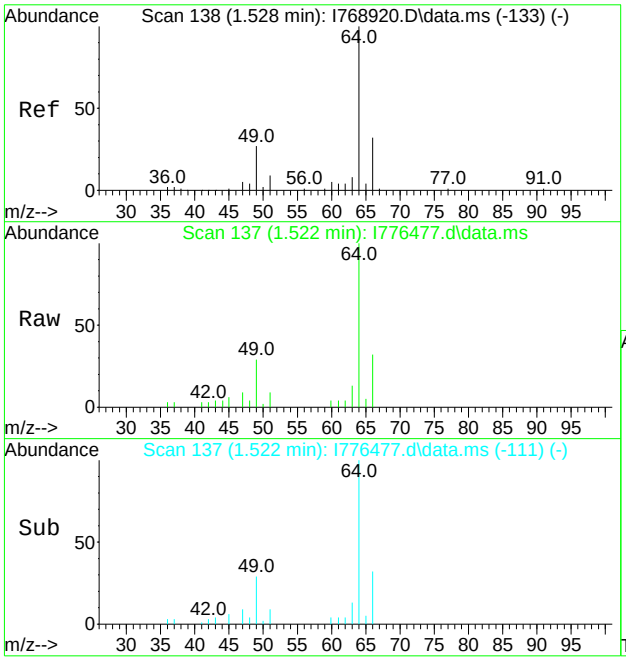


#6
Bromomethane
Concen: 20.5564 ug/L
RT: 1.455 min Scan# 126
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 94 Resp: 13967

Ion	Ratio	Lower	Upper
94	100		
96	97.3	64.3	124.3
93	19.6	0.0	50.4

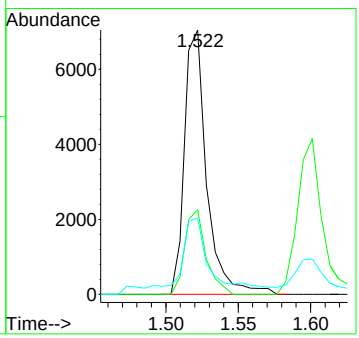


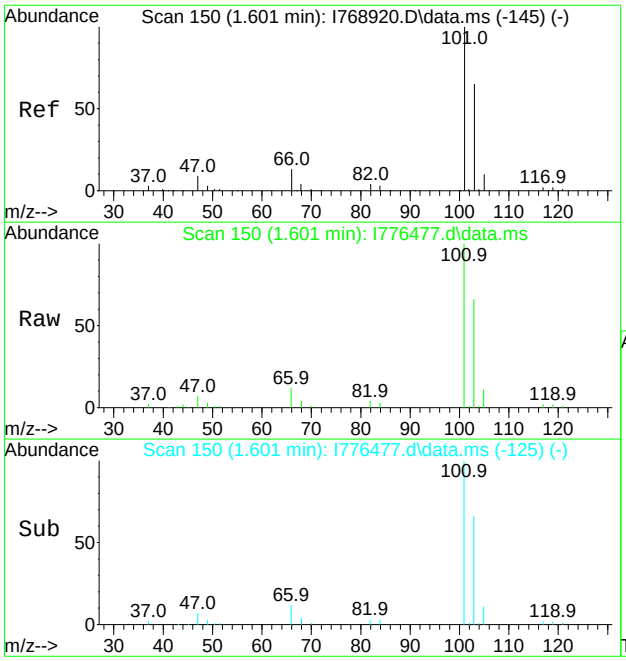


#7
Chloroethane
Concen: 17.5018 ug/L
RT: 1.522 min Scan# 137
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 64 Resp: 7521

Ion	Ratio	Lower	Upper
64	100		
66	32.1	4.7	64.7
49	25.9	0.0	54.9

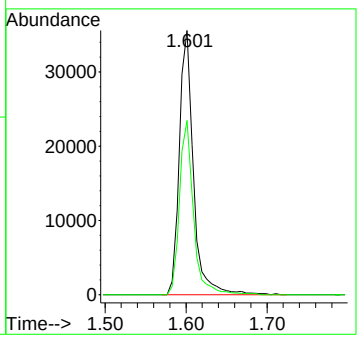


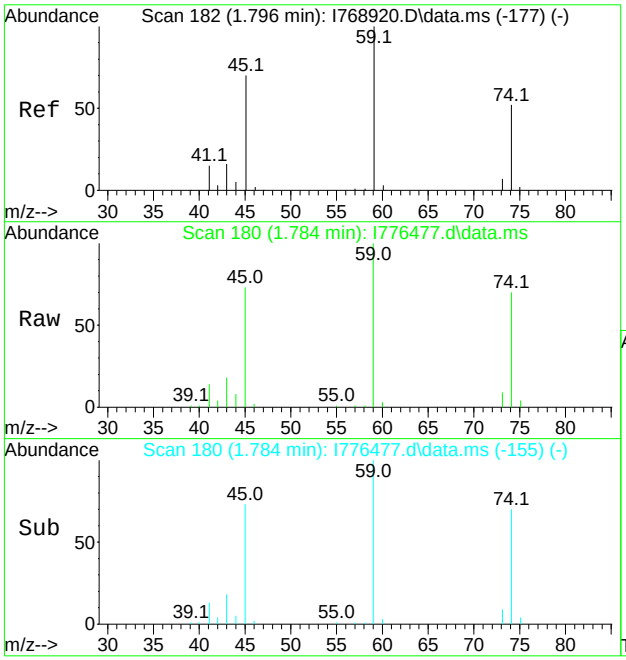


#8
Trichlorofluoromethane
Concen: 18.6293 ug/L
RT: 1.601 min Scan# 150
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:101 Resp: 43032

Ion	Ratio	Lower	Upper
101	100		
103	65.9	34.9	94.9

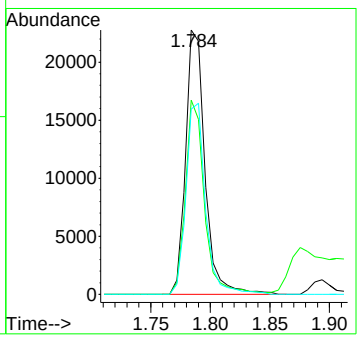


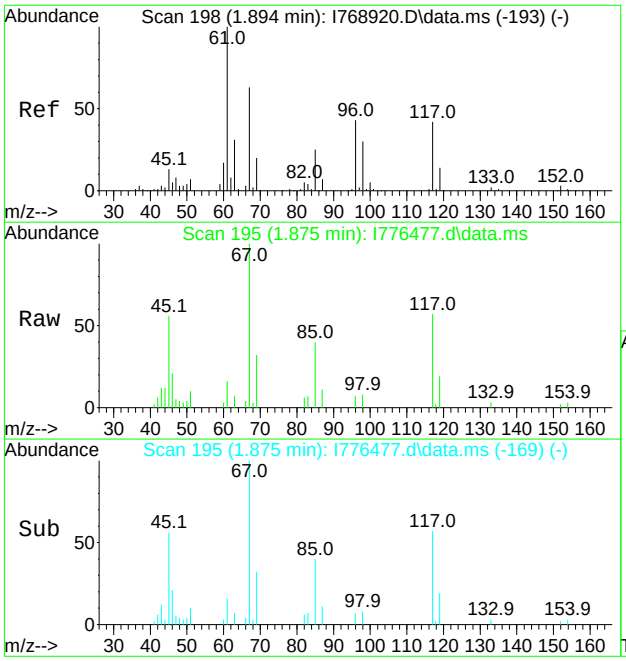


#9
Ethyl Ether
Concen: 21.3016 ug/L
RT: 1.784 min Scan# 180
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 59 Resp: 25771

Ion	Ratio	Lower	Upper
59	100		
45	73.4	52.6	92.6
74	70.1	57.4	97.4

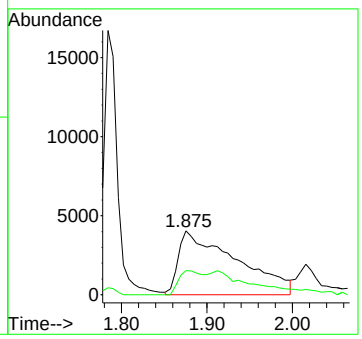


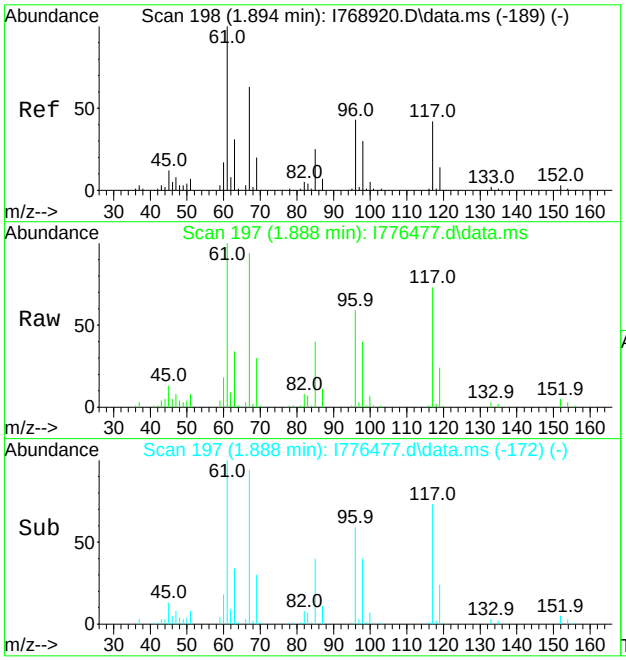


#10
Ethanol
Concen: 491.0210 ug/L m
RT: 1.875 min Scan# 195
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 45 Resp: 19103

Ion	Ratio	Lower	Upper
45	100		
46	37.7	19.3	59.3

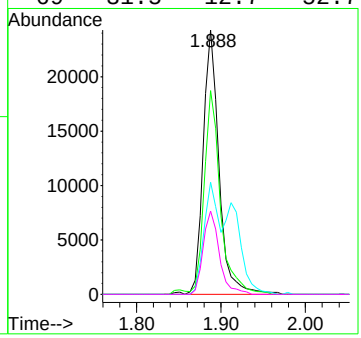


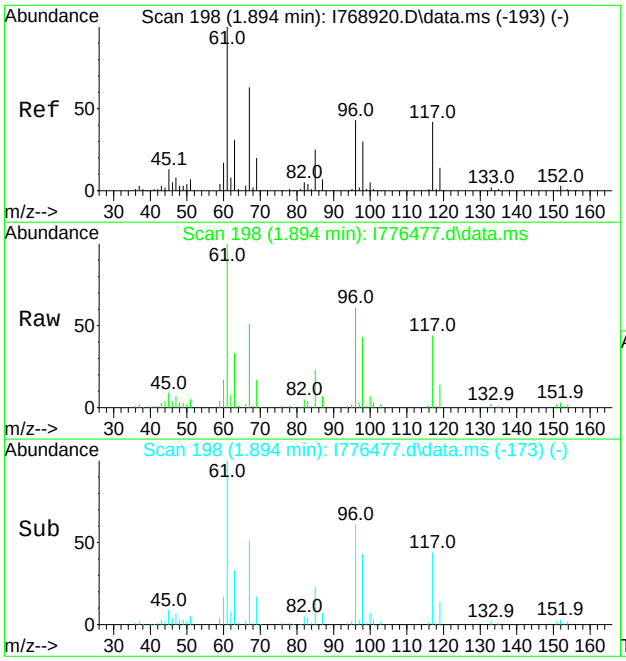


#11
1,2-Dichlorotrifluoroethane
Concen: 30.6597 ug/L
RT: 1.888 min Scan# 197
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 67 Resp: 31832

Ion	Ratio	Lower	Upper
67	100		
117	77.1	56.8	96.8
85	42.4	22.7	62.7
69	31.5	12.7	52.7

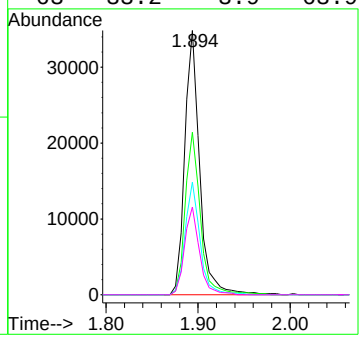


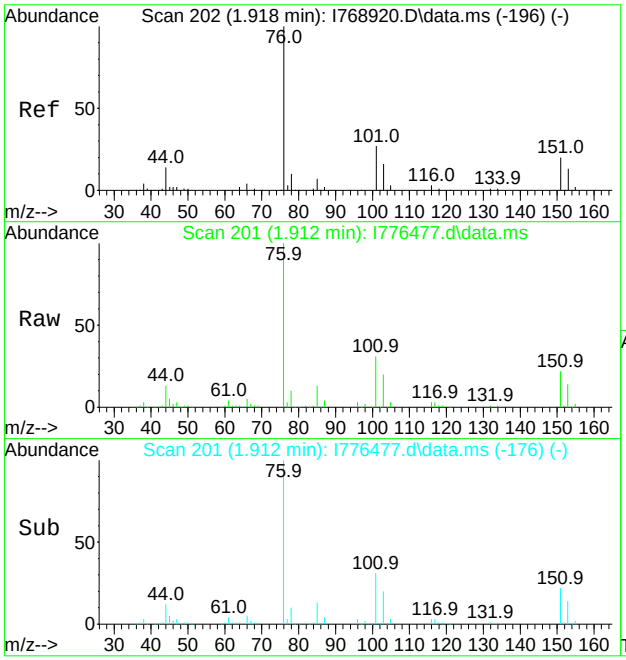


#12
1,1-Dichloroethene
Concen: 18.8815 ug/L
RT: 1.894 min Scan# 198
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 61 Resp: 39366

Ion	Ratio	Lower	Upper
61	100		
96	61.5	32.7	92.7
98	42.6	12.1	72.1
63	33.2	3.9	63.9

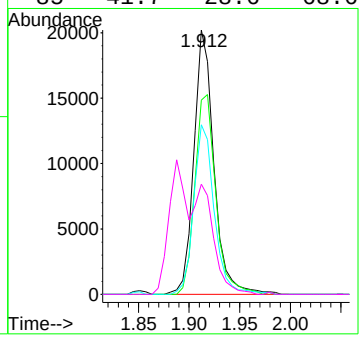


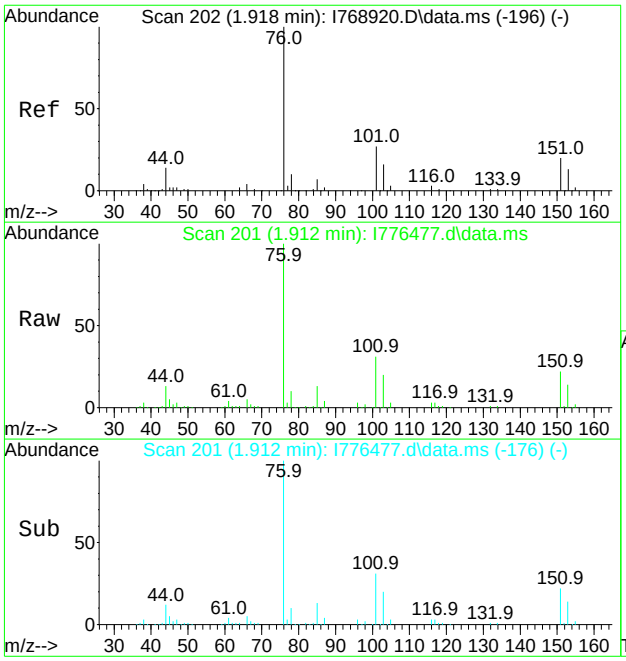


#13
Freon 113
Concen: 21.5033 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:101 Resp: 27886

Ion	Ratio	Lower	Upper
101	100		
151	73.5	54.6	94.6
103	64.1	44.5	84.5
85	41.7	28.6	68.6

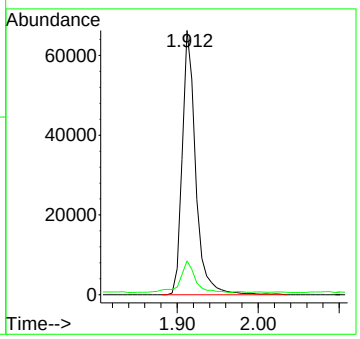


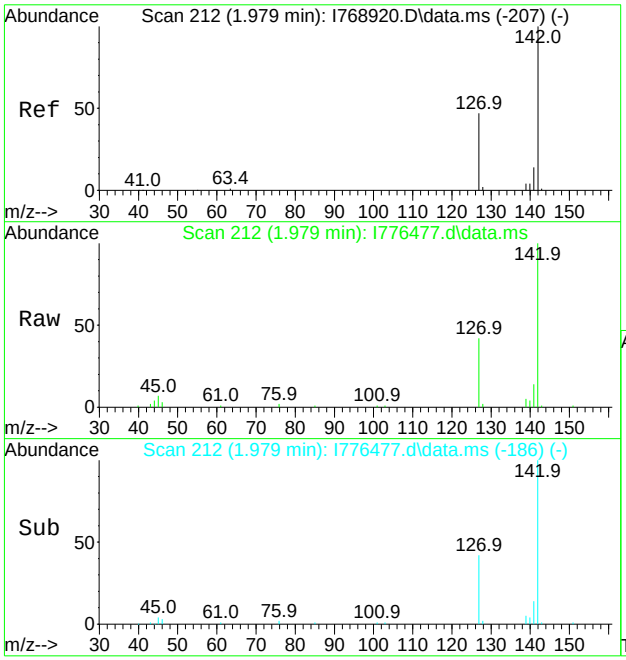


#14
Carbon Disulfide
Concen: 20.0113 ug/L
RT: 1.912 min Scan# 201
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 76 Resp: 76650

Ion	Ratio	Lower	Upper
76	100		
44	11.8	0.0	45.7

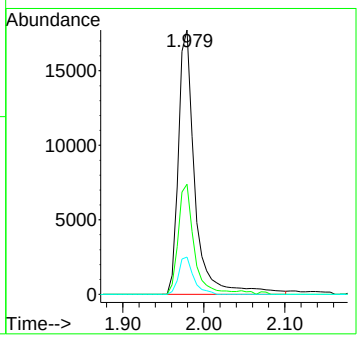


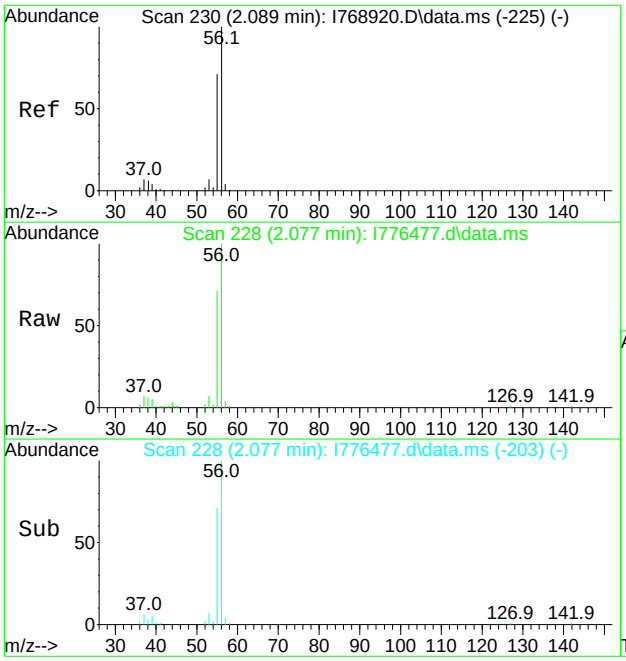


#15
Iodomethane
Concen: 21.8623 ug/L
RT: 1.979 min Scan# 212
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:142 Resp: 25267

Ion	Ratio	Lower	Upper
142	100		
127	41.7	25.1	65.1
141	14.1	0.0	34.3

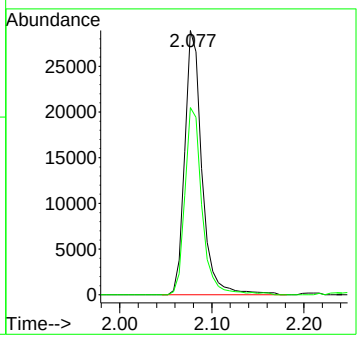


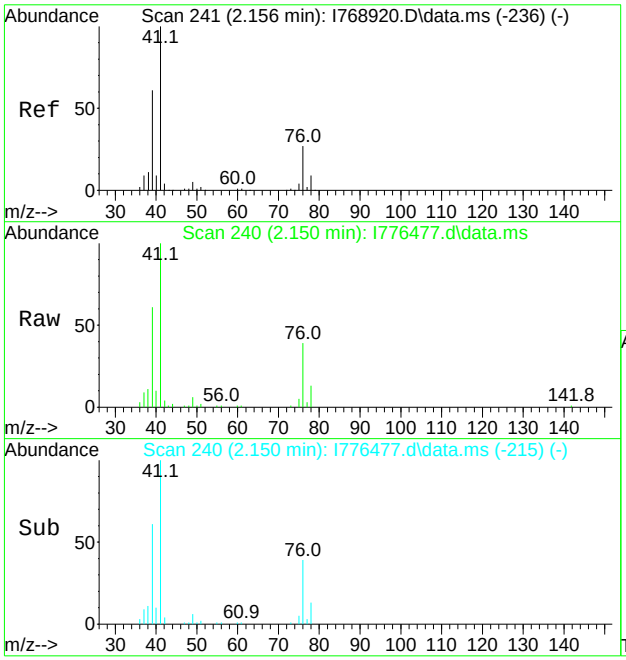


#16
Acrolein
Concen: 97.6666 ug/L
RT: 2.077 min Scan# 228
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 56 Resp: 37663

Ion	Ratio	Lower	Upper
56	100		
55	70.8	43.4	103.4

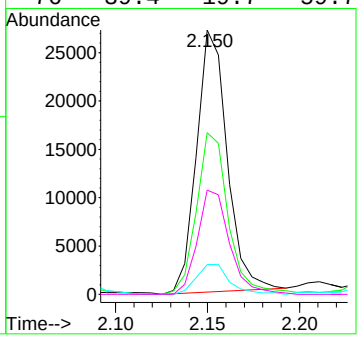


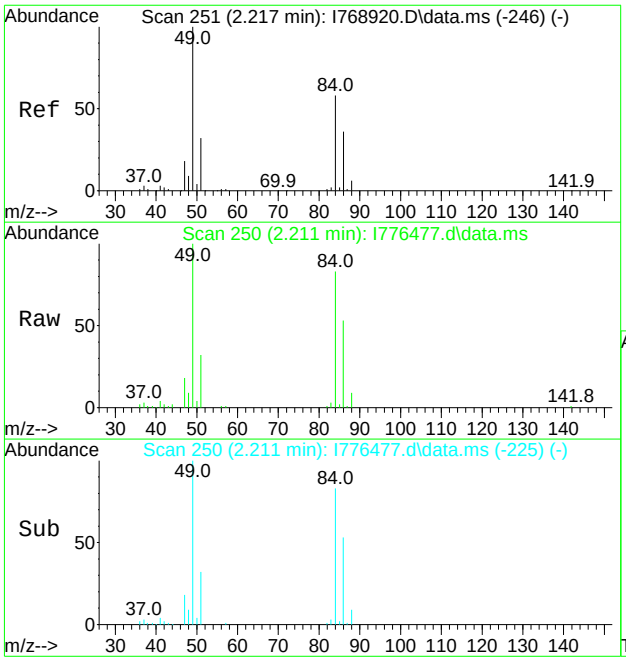


#17
Allyl chloride
Concen: 17.9002 ug/L
RT: 2.150 min Scan# 240
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 41 Resp: 31422

Ion	Ratio	Lower	Upper
41	100		
39	61.2	61.4	101.4#
38	11.3	0.0	38.2
76	39.4	19.7	59.7

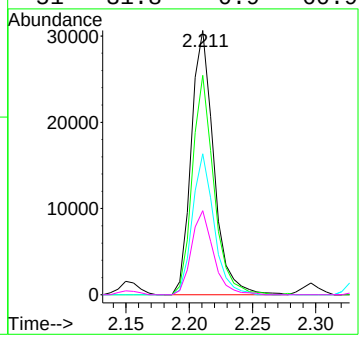


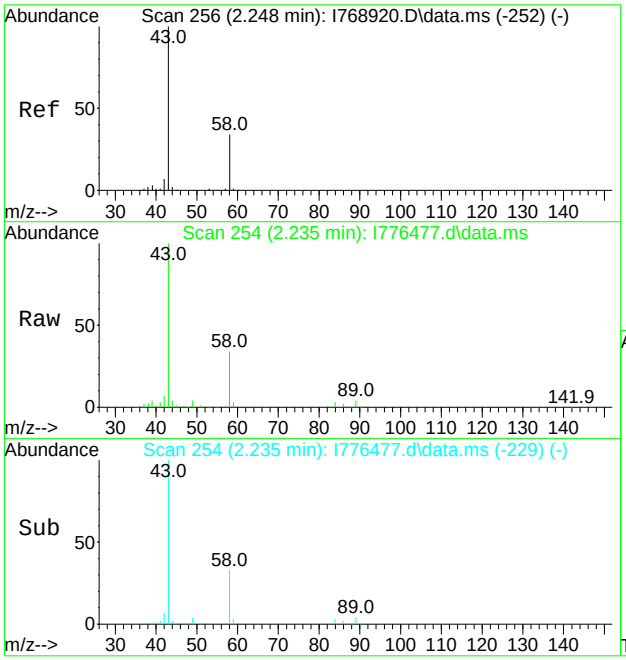


#18
Methylene Chloride
Concen: 21.5967 ug/L
RT: 2.211 min Scan# 250
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 49 Resp: 38048

Ion	Ratio	Lower	Upper
49	100		
84	83.0	48.3	108.3
86	53.4	21.3	81.3
51	31.8	0.9	60.9

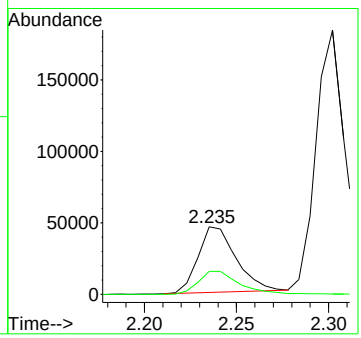


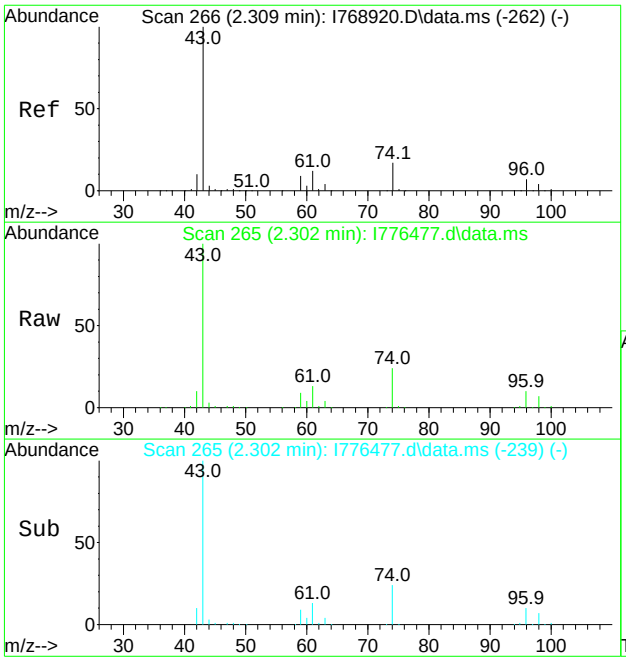


#19
Acetone
Concen: 94.8623 ug/L
RT: 2.235 min Scan# 254
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 66201

Ion	Ratio	Lower	Upper
43	100		
58	34.2	0.0	60.0

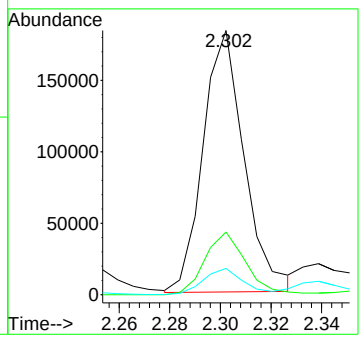


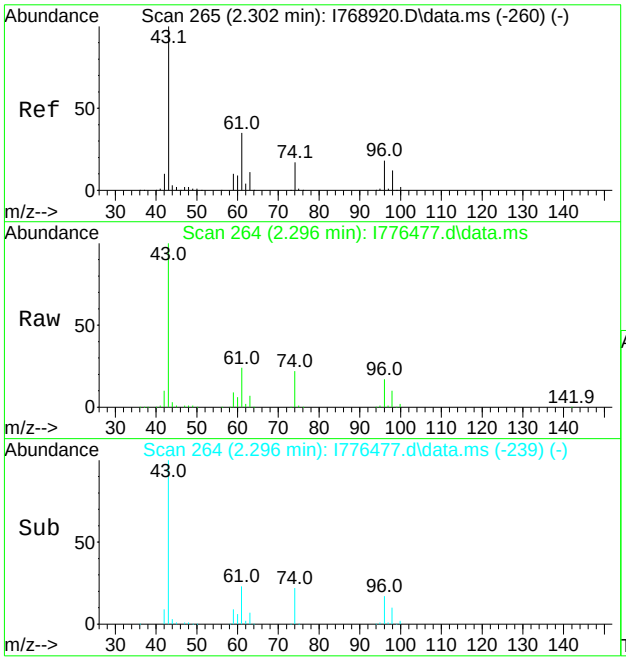


#20
Methyl acetate
Concen: 110.9470 ug/L
RT: 2.302 min Scan# 265
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 206854

Ion	Ratio	Lower	Upper
43	100		
74	24.1	3.4	43.4
42	10.0	0.0	31.1

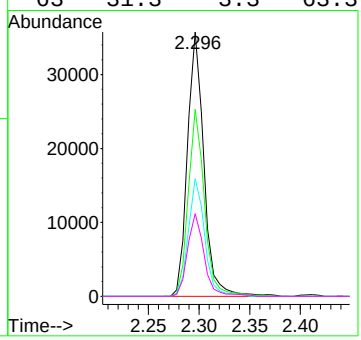


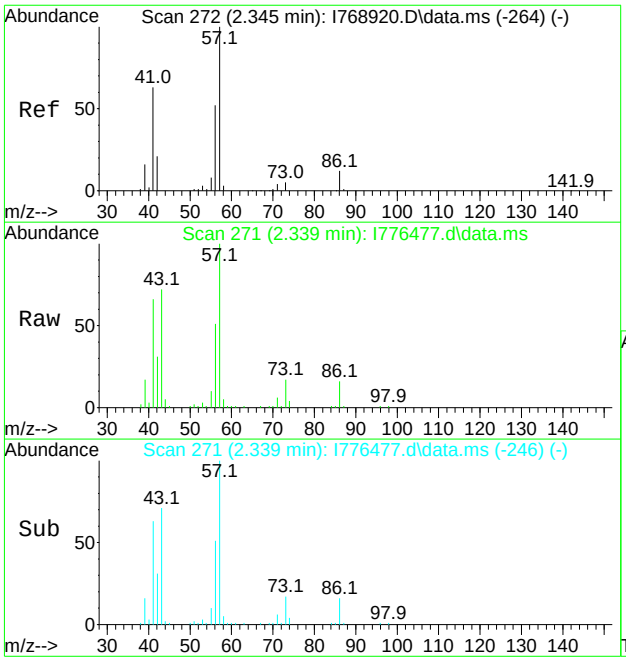


#21
trans-1,2-Dichloroethene
Concen: 19.6848 ug/L
RT: 2.296 min Scan# 264
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 61 Resp: 40590

Ion	Ratio	Lower	Upper
61	100		
96	70.7	40.1	100.1
98	44.6	15.3	75.3
63	31.3	3.3	63.3

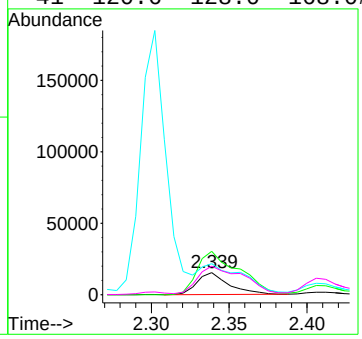


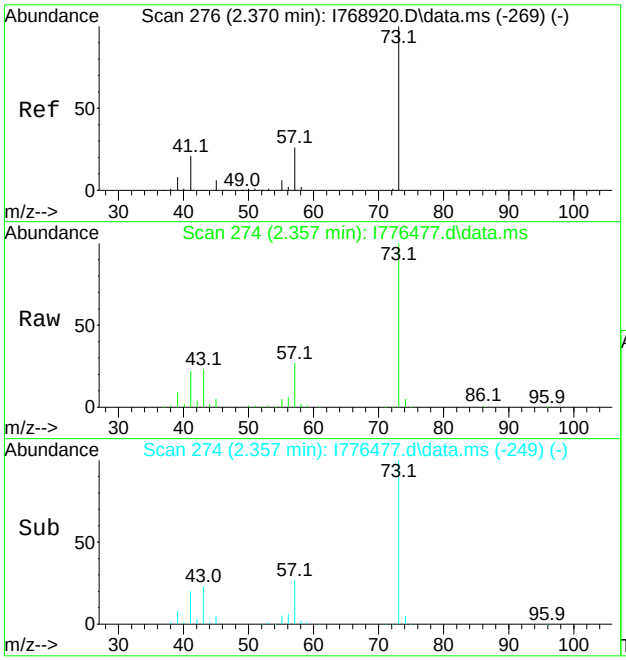


#22
Hexane
Concen: 19.9031 ug/L
RT: 2.339 min Scan# 271
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 56 Resp: 21861

Ion	Ratio	Lower	Upper
56	100		
57	195.4	172.0	212.0
43	128.1	111.8	151.8
41	120.6	128.0	168.0#

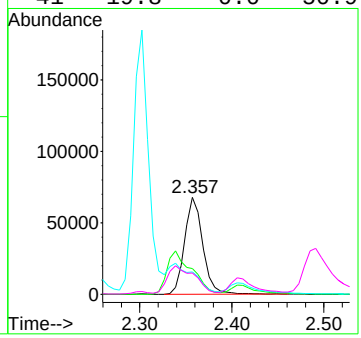


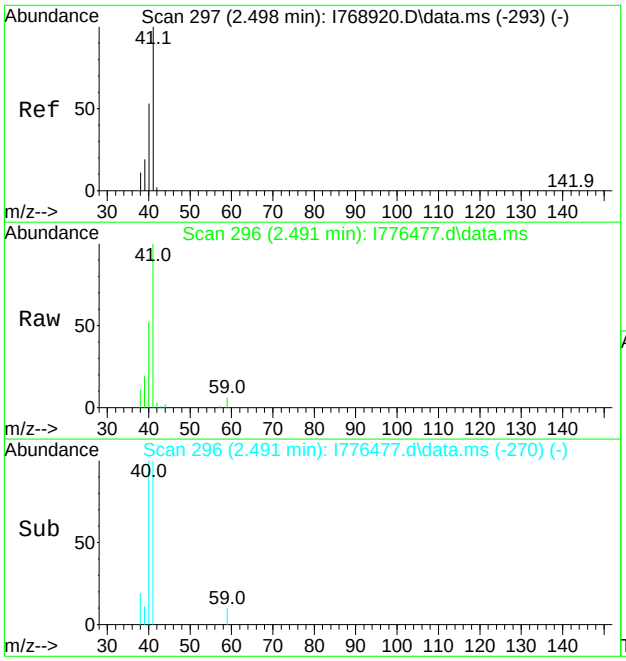


#23
Methyl Tert Butyl Ether
Concen: 21.0019 ug/L
RT: 2.357 min Scan# 274
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 73 Resp: 93482

Ion	Ratio	Lower	Upper
73	100		
57	25.5	0.0	53.8
43	21.1	0.0	55.1
41	19.8	0.0	50.9

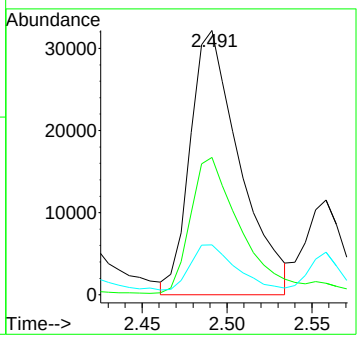


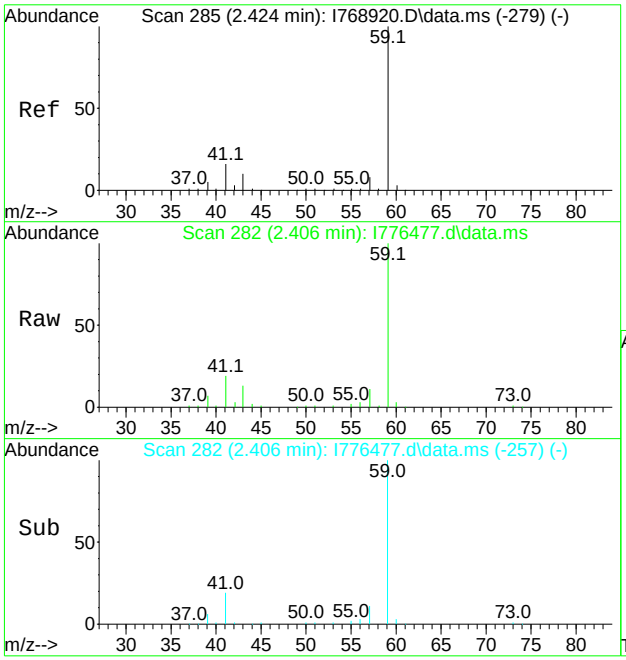


#24
Acetonitrile
Concen: 226.2959 ug/L m
RT: 2.491 min Scan# 296
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 41 Resp: 65505

Ion	Ratio	Lower	Upper
41	100		
40	52.0	32.6	72.6
39	18.9	1.5	41.5

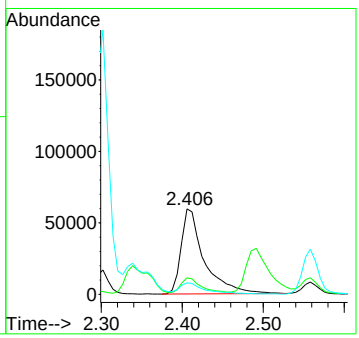


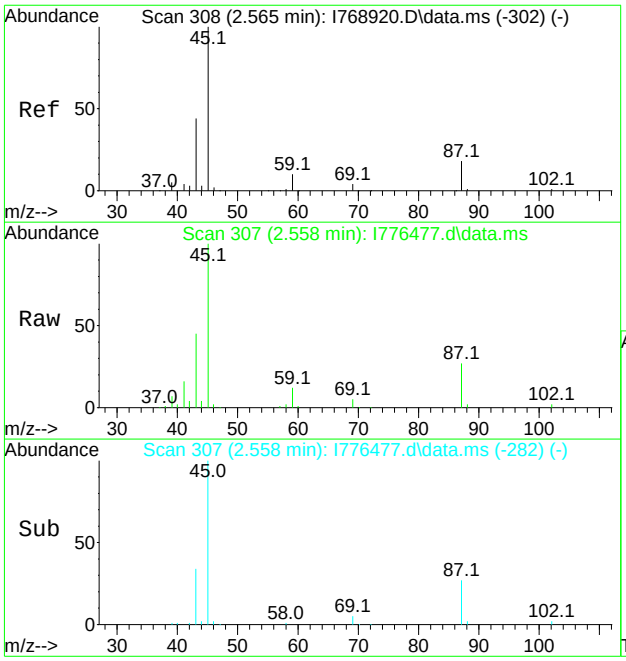


#25
Tert Butyl Alcohol
Concen: 235.3677 ug/L
RT: 2.406 min Scan# 282
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 59 Resp: 117406

Ion	Ratio	Lower	Upper
59	100		
41	15.2	0.0	34.1
43	13.0	0.0	35.7

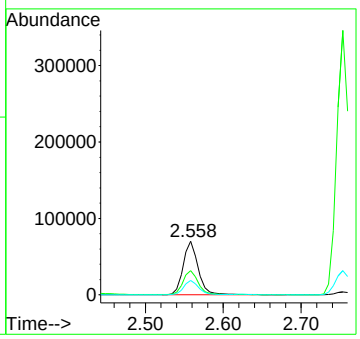


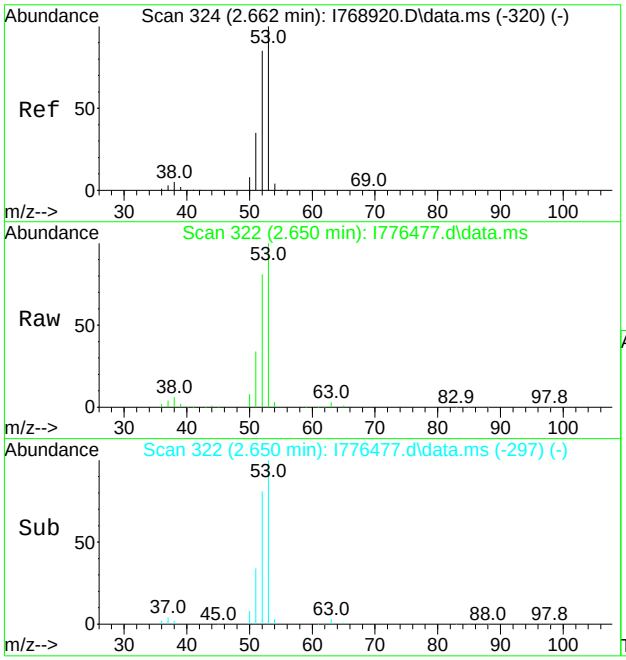


#26
Di-isopropyl ether
Concen: 20.6026 ug/L
RT: 2.558 min Scan# 307
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 45 Resp: 94471

Ion	Ratio	Lower	Upper
45	100		
43	44.6	18.2	78.2
87	26.9	0.0	57.0

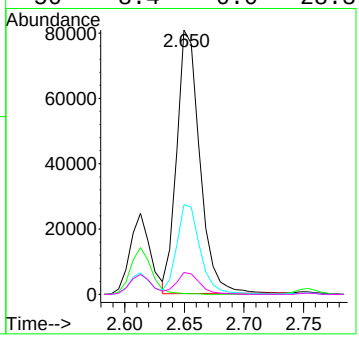


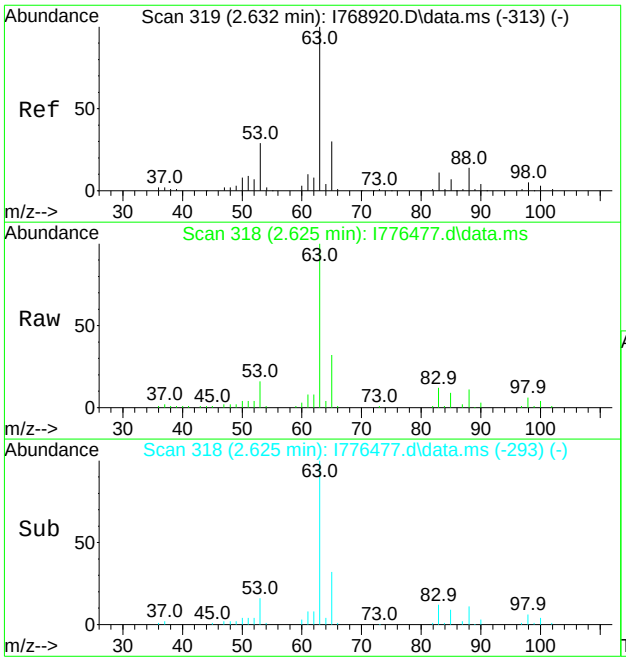


#27
Chloroprene
Concen: 26.6922 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 53 Resp: 109039

Ion	Ratio	Lower	Upper
53	100		
88	0.0	0.0	20.2
51	33.9	15.3	55.3
50	8.4	0.0	28.3

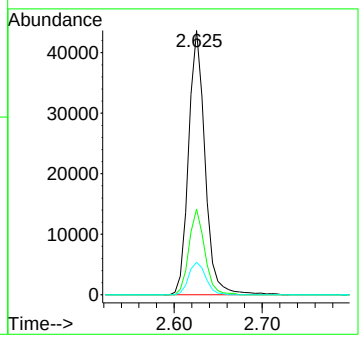


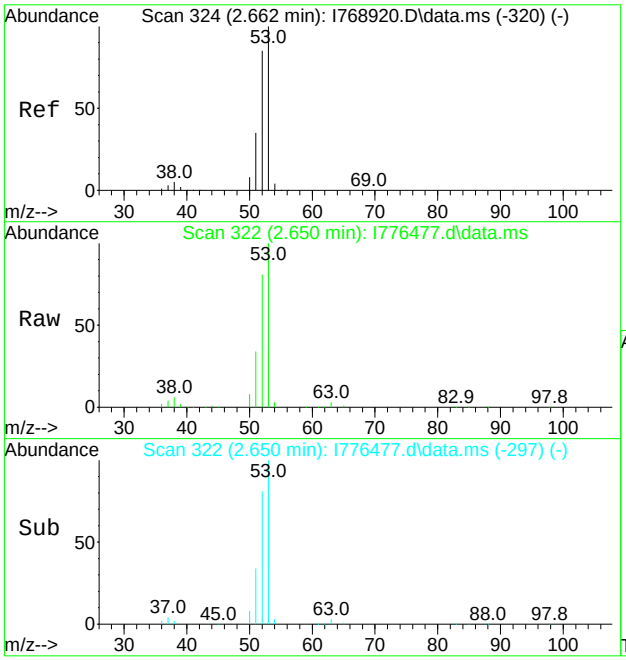


#28
1,1-Dichloroethane
Concen: 21.8474 ug/L
RT: 2.625 min Scan# 318
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 63 Resp: 56504

Ion	Ratio	Lower	Upper
63	100		
65	32.4	1.3	61.3
83	12.3	0.0	45.1

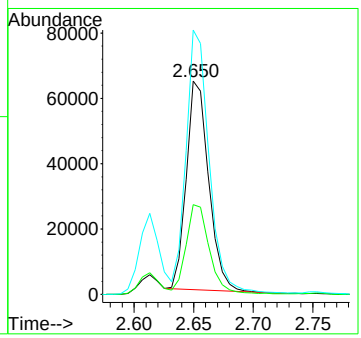


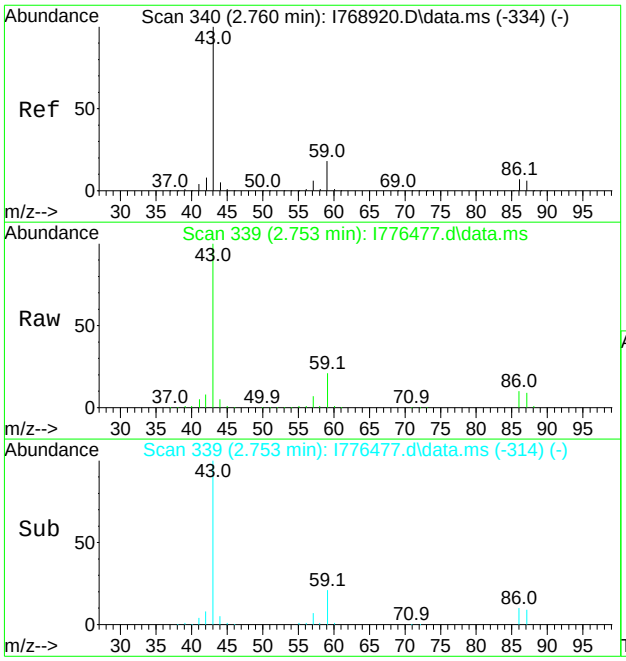


#29
Acrylonitrile
Concen: 135.1329 ug/L
RT: 2.650 min Scan# 322
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 52 Resp: 83819

Ion	Ratio	Lower	Upper
52	100		
51	42.0	12.3	72.3
53	123.8	90.6	150.6

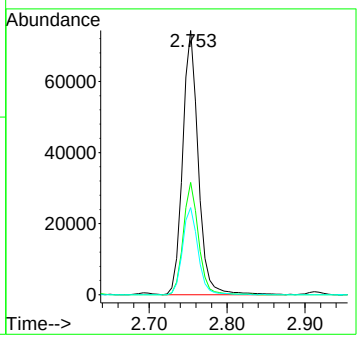


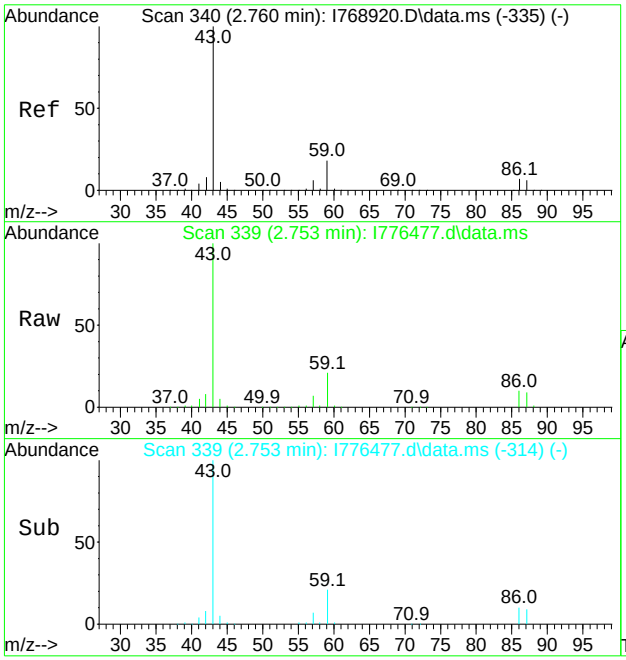


#30
ETBE
Concen: 22.7293 ug/L
RT: 2.753 min Scan# 339
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 59 Resp: 104157

Ion	Ratio	Lower	Upper
59	100		
87	42.5	25.4	65.4
57	33.0	11.7	51.7

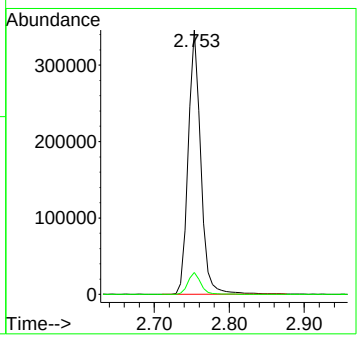


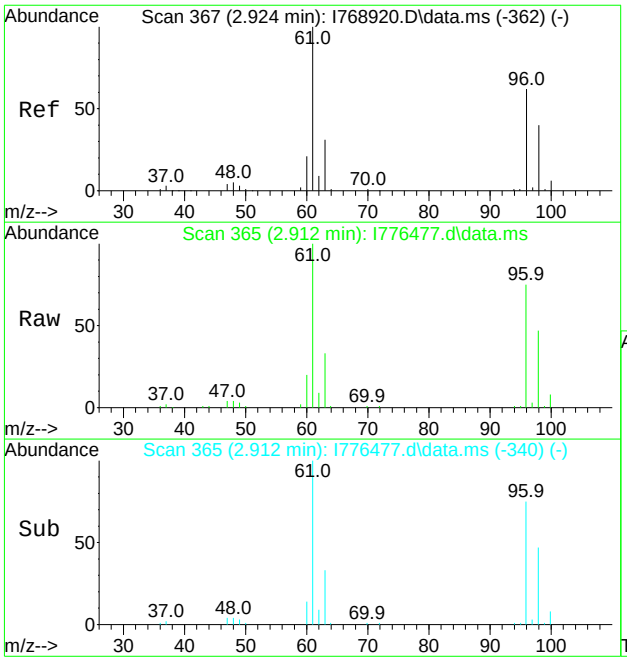


#31
Vinyl acetate
Concen: 100.3087 ug/L
RT: 2.753 min Scan# 339
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 400330

Ion	Ratio	Lower	Upper
43	100		
42	8.3	0.0	40.0

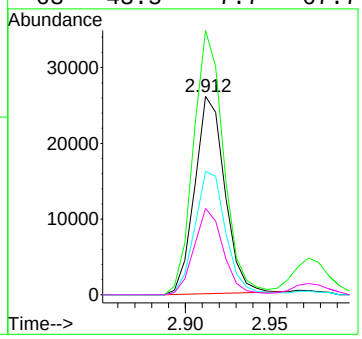


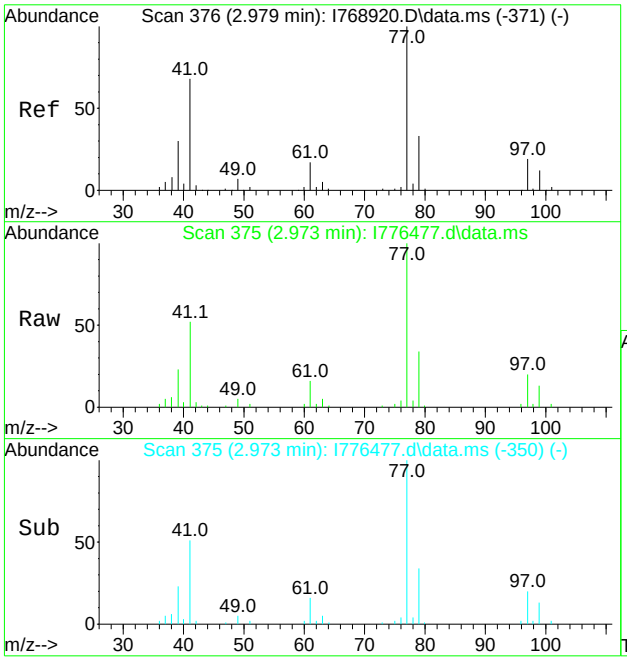


#32
cis-1,2-Dichloroethene
Concen: 22.4218 ug/L
RT: 2.912 min Scan# 365
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 96 Resp: 32352

Ion	Ratio	Lower	Upper
96	100		
61	133.2	87.5	147.5
98	62.1	36.0	96.0
63	43.5	7.7	67.7

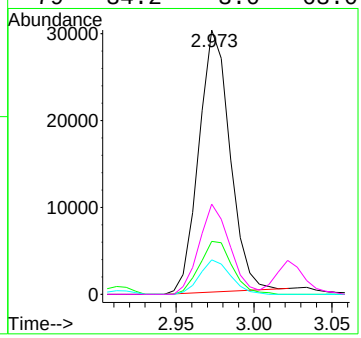


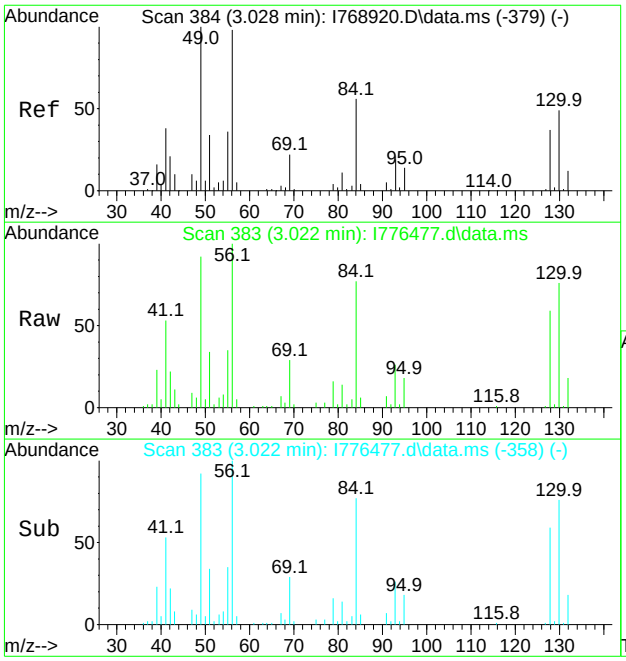


#33
2,2-Dichloropropane
Concen: 20.0379 ug/L
RT: 2.973 min Scan# 375
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 77 Resp: 41856

Ion	Ratio	Lower	Upper
77	100		
97	20.0	0.0	49.5
99	13.0	0.0	43.3
79	34.2	3.0	63.0

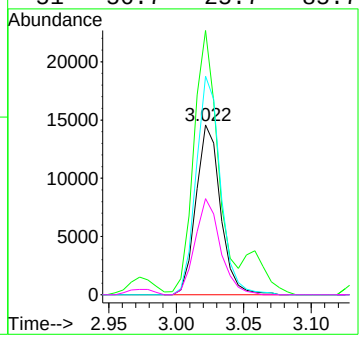


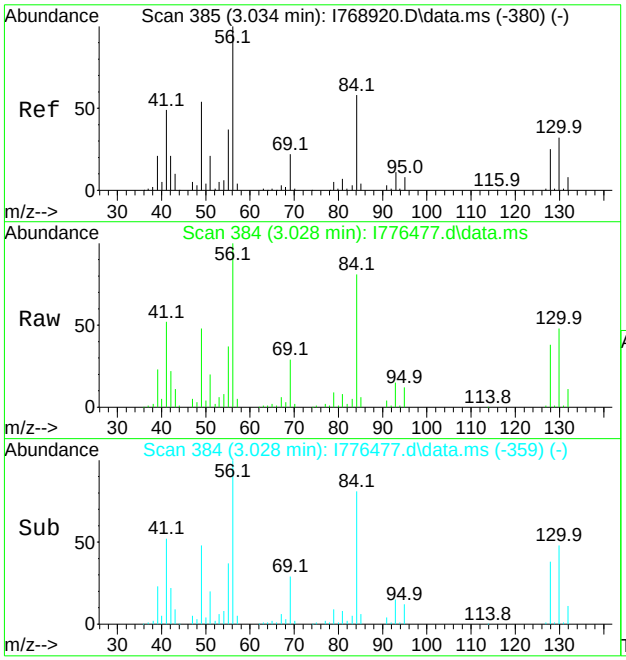


#34
Bromochloromethane
Concen: 24.5167 ug/L
RT: 3.022 min Scan# 383
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:128 Resp: 18456

Ion	Ratio	Lower	Upper
128	100		
49	154.1	122.9	182.9
130	128.8	101.4	161.4
51	56.7	25.7	85.7

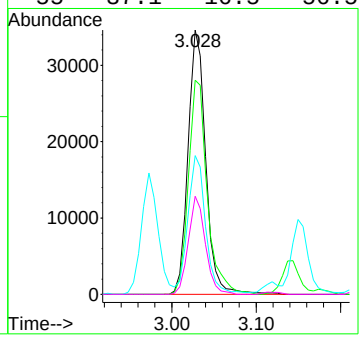


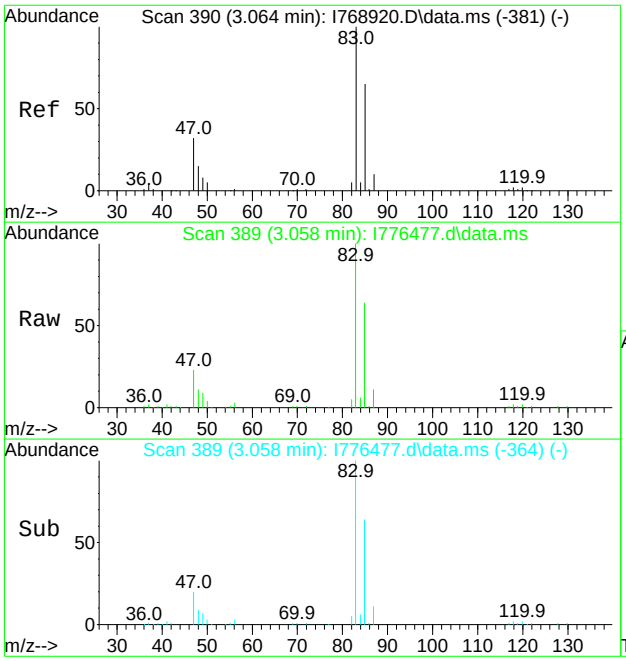


#35
Cyclohexane
Concen: 22.4910 ug/L
RT: 3.028 min Scan# 384
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 56 Resp: 50368

Ion	Ratio	Lower	Upper
56	100		
84	81.0	70.9	110.9
41	45.2	36.7	76.7
55	37.1	16.5	56.5

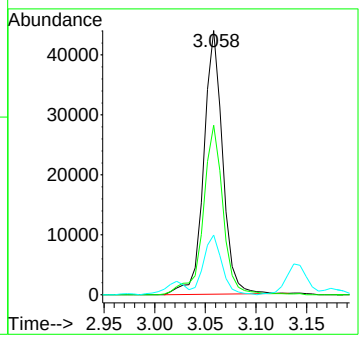


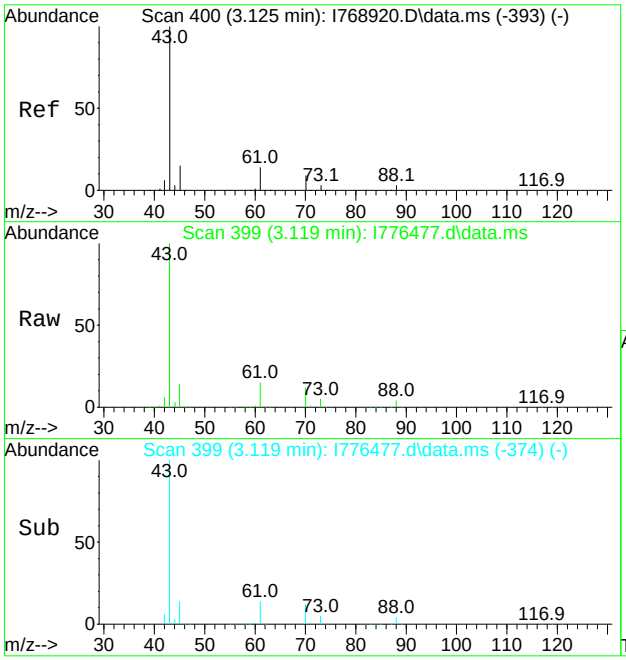


#36
Chloroform
Concen: 21.5351 ug/L
RT: 3.058 min Scan# 389
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 83 Resp: 57158

Ion	Ratio	Lower	Upper
83	100		
85	63.8	36.1	96.1
47	20.4	0.0	53.8

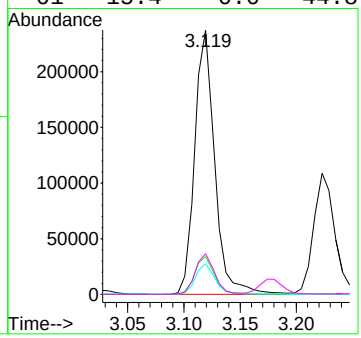


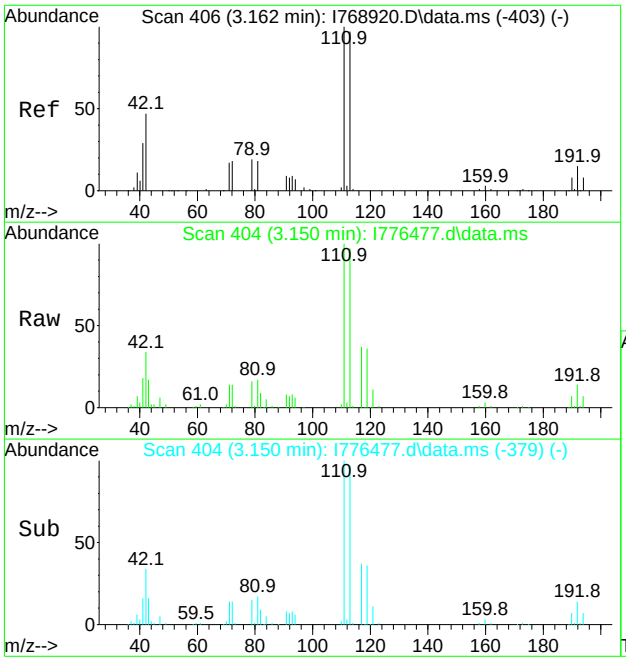


#37
Ethyl acetate
Concen: 111.3814 ug/L
RT: 3.119 min Scan# 399
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 294213

Ion	Ratio	Lower	Upper
43	100		
45	14.4	0.0	44.2
70	11.6	0.0	42.1
61	15.4	0.0	44.8

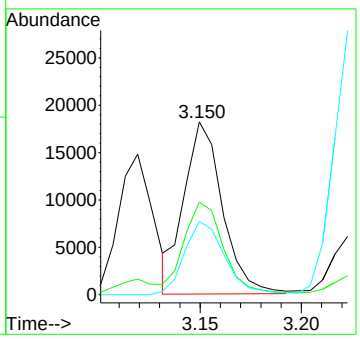


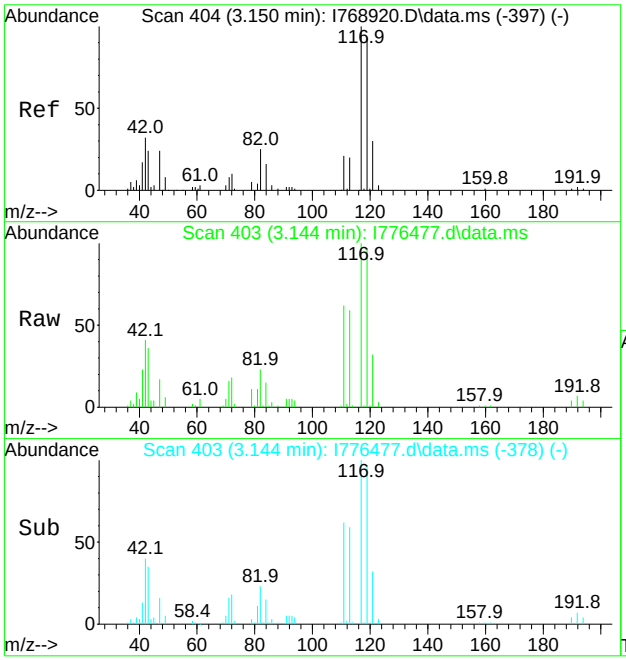


#38
Tetrahydrofuran
Concen: 24.6219 ug/L
RT: 3.150 min Scan# 404
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 42 Resp: 23975

Ion	Ratio	Lower	Upper
42	100		
41	53.4	35.6	75.6
72	41.9	30.6	70.6

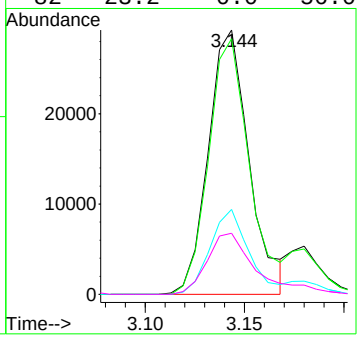


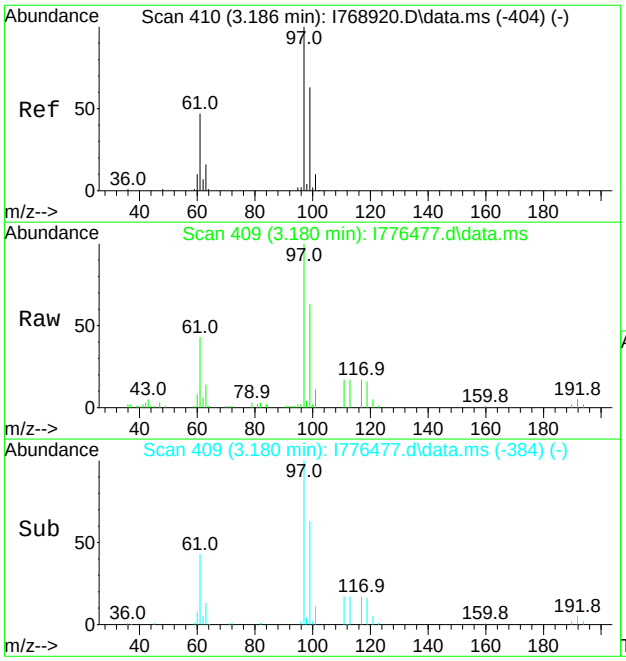


#40
Carbon Tetrachloride
Concen: 20.3944 ug/L m
RT: 3.144 min Scan# 403
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:117 Resp: 41796

Ion	Ratio	Lower	Upper
117	100		
119	96.7	68.1	128.1
121	32.1	1.7	61.7
82	23.2	0.0	56.0

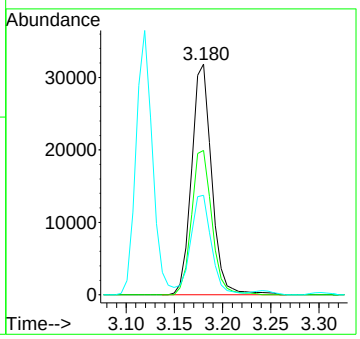


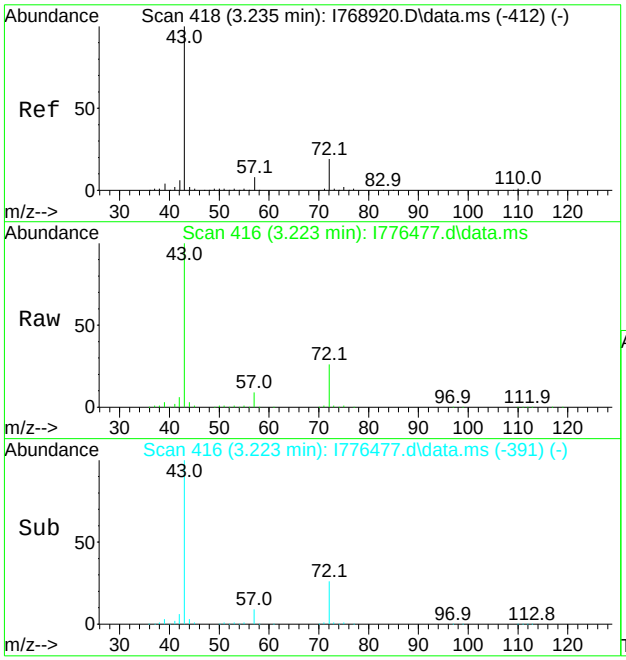


#41
1,1,1-Trichloroethane
Concen: 22.0686 ug/L
RT: 3.180 min Scan# 409
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 97 Resp: 46262

Ion	Ratio	Lower	Upper
97	100		
99	62.6	33.5	93.5
61	43.1	10.2	70.2

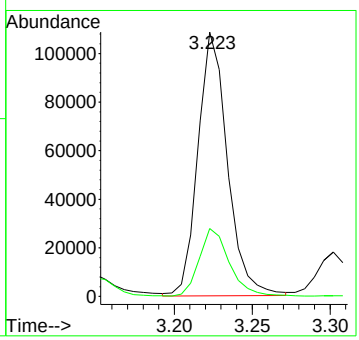


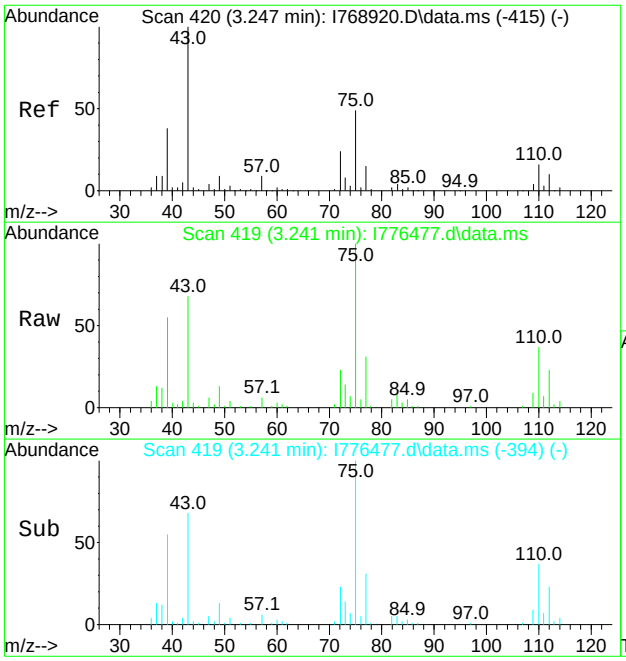


#42
2-Butanone
Concen: 105.2890 ug/L
RT: 3.223 min Scan# 416
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 142983

Ion	Ratio	Lower	Upper
43	100		
72	25.7	0.0	57.6

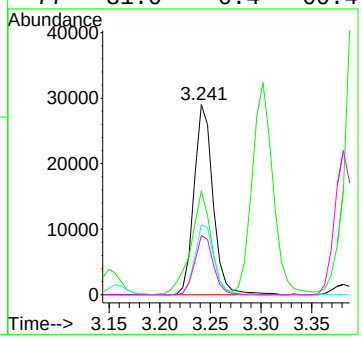


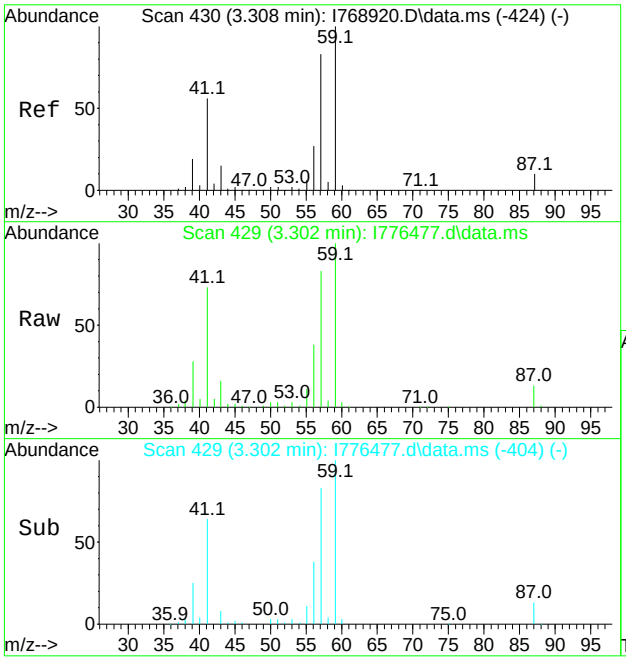


#43
1,1-Dichloropropene
Concen: 21.8066 ug/L
RT: 3.241 min Scan# 419
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 75 Resp: 38004

Ion	Ratio	Lower	Upper
75	100		
39	54.0	18.7	78.7
110	36.8	8.0	68.0
77	31.0	0.4	60.4

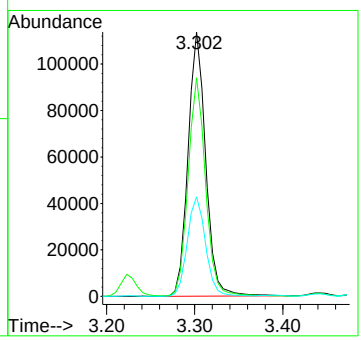


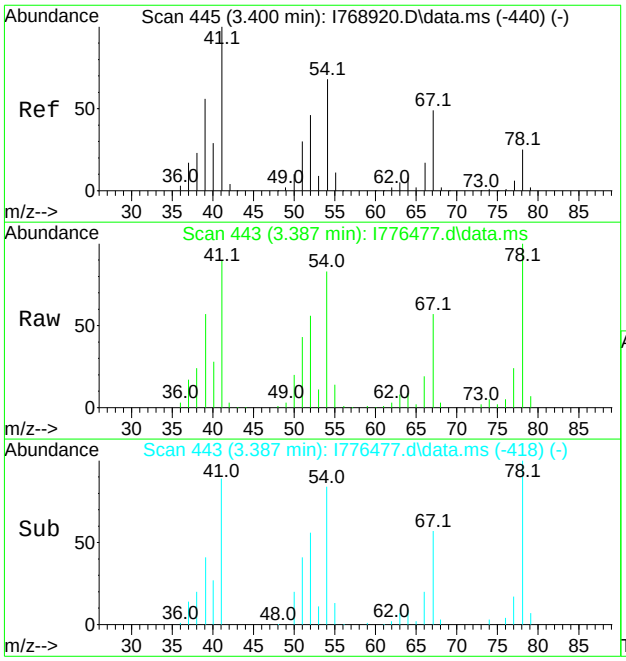


#44
tert-Butyl formate
Concen: 91.3298 ug/L
RT: 3.302 min Scan# 429
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 59 Resp: 158172

Ion	Ratio	Lower	Upper
59	100		
57	82.5	58.4	98.4
56	37.7	4.4	44.4

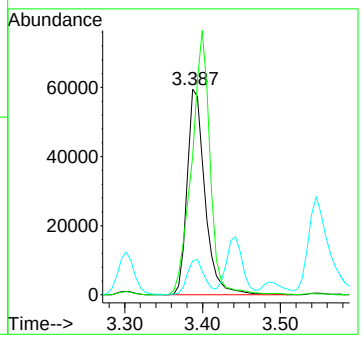


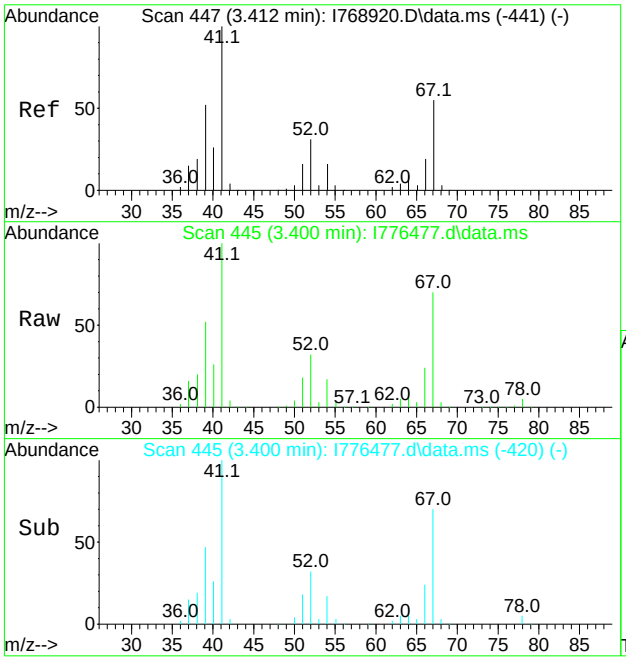


#45
Propionitrile
Concen: 246.3820 ug/L
RT: 3.387 min Scan# 443
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 54 Resp: 95156

Ion	Ratio	Lower	Upper
54	100		
52	67.2	58.7	98.7
55	16.4	0.0	36.9

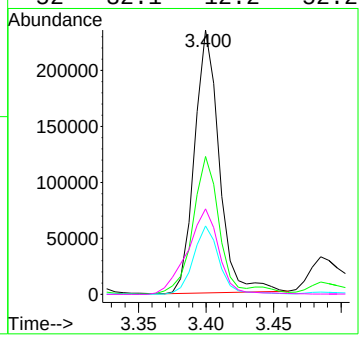


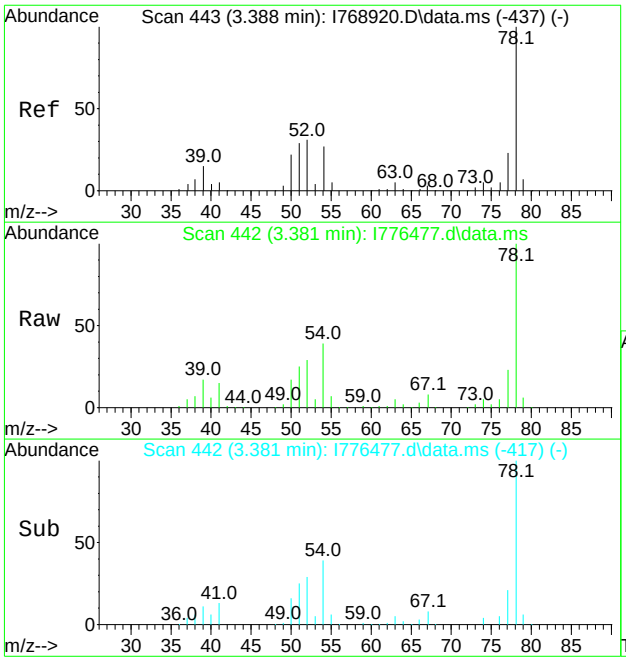


#46
Methacrylonitrile
Concen: 221.9315 ug/L
RT: 3.400 min Scan# 445
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 41 Resp: 298452

Ion	Ratio	Lower	Upper
41	100		
39	51.6	36.2	76.2
40	25.8	6.5	46.5
52	32.1	12.2	52.2

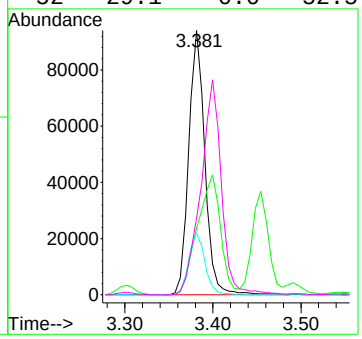


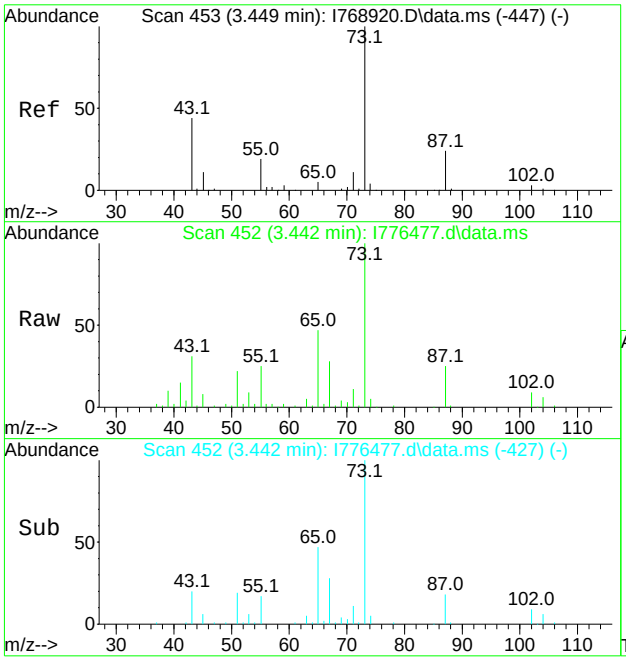


#47
Benzene
Concen: 22.0744 ug/L
RT: 3.381 min Scan# 442
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 78 Resp: 118982

Ion	Ratio	Lower	Upper
78	100		
51	25.3	0.0	51.6
77	23.4	0.0	53.6
52	29.1	0.0	52.5

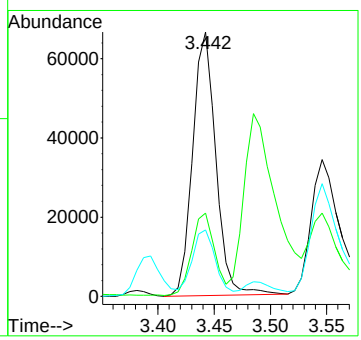


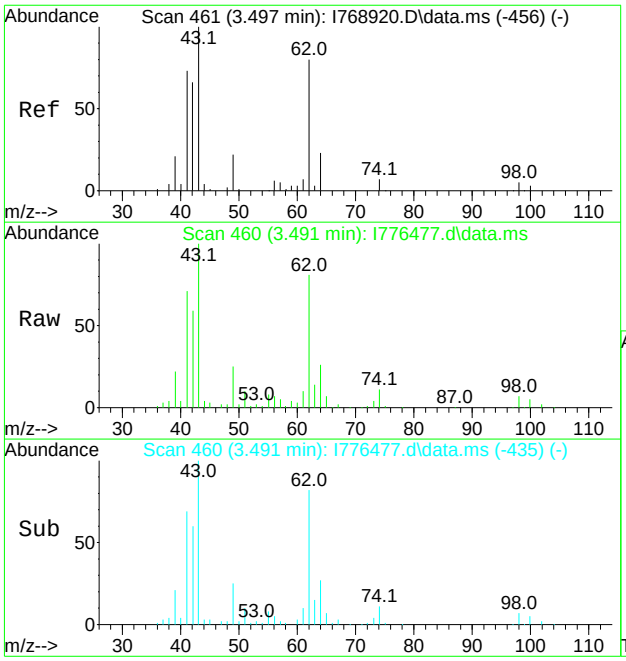


#48
TAME
Concen: 21.5891 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 73 Resp: 95595

Ion	Ratio	Lower	Upper
73	100		
43	31.1	11.2	51.2
55	23.3	0.0	39.2

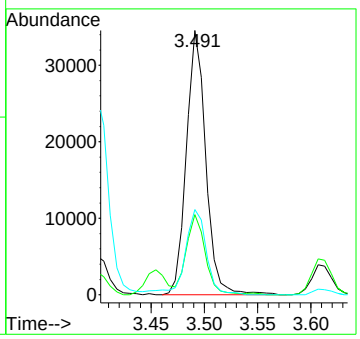


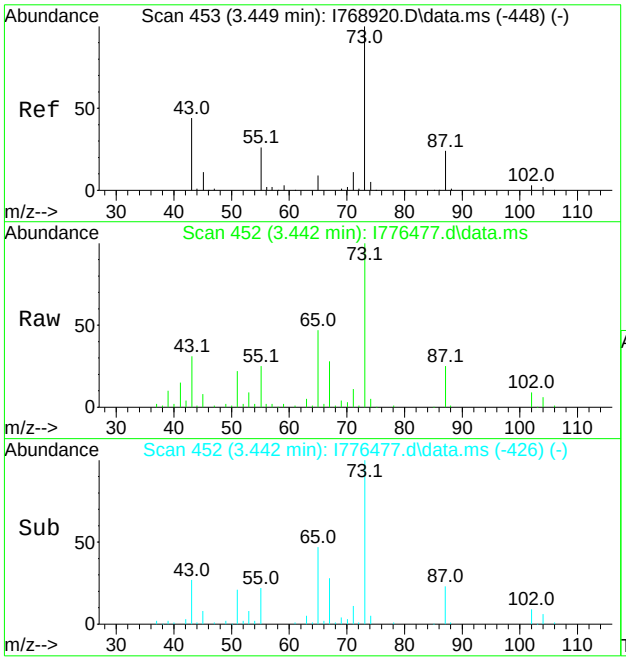


#50
1,2-Dichloroethane
Concen: 21.5481 ug/L
RT: 3.491 min Scan# 460
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 62 Resp: 43953

Ion	Ratio	Lower	Upper
62	100		
49	30.3	0.0	59.1
64	32.3	1.9	61.9

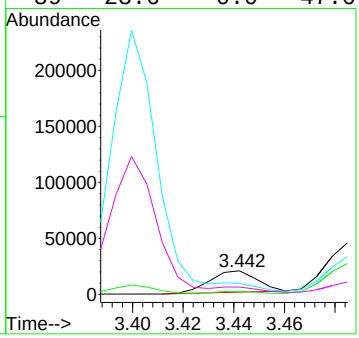


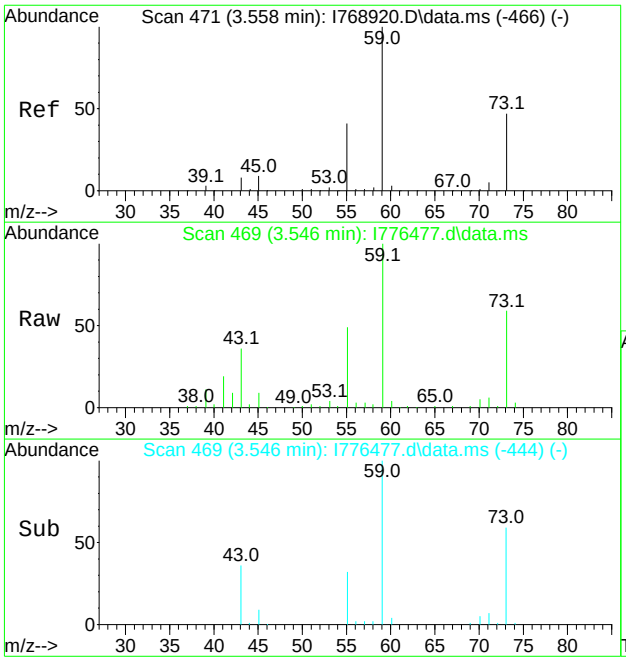


#51
Isobutyl Alcohol
Concen: 389.3065 ug/L
RT: 3.442 min Scan# 452
Delta R.T. 0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 24902

Ion	Ratio	Lower	Upper
43	100		
42	10.2	0.0	63.1
41	34.5	0.0	98.5
39	23.6	0.0	47.0

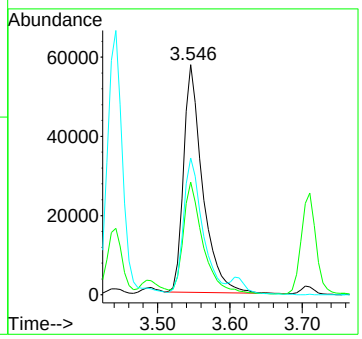


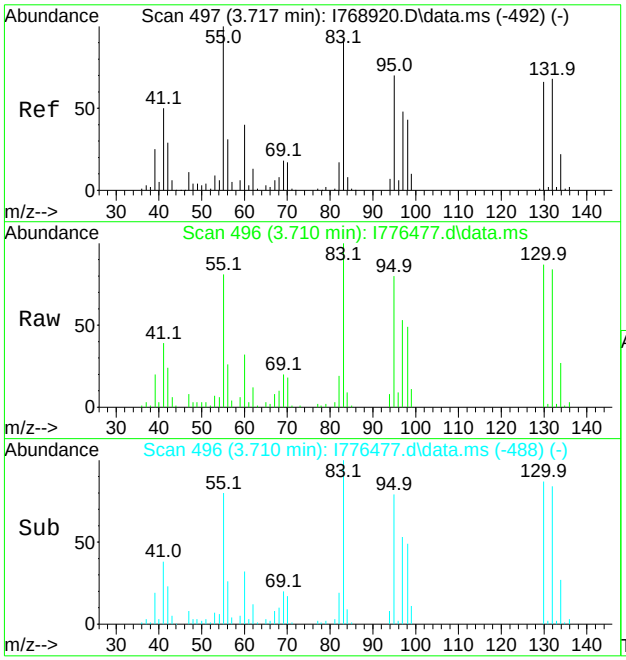


#52
Tert Amyl Alcohol
Concen: 227.1333 ug/L
RT: 3.546 min Scan# 469
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 59 Resp: 105096

Ion	Ratio	Lower	Upper
59	100		
55	48.6	7.9	67.9
73	59.5	33.6	93.6

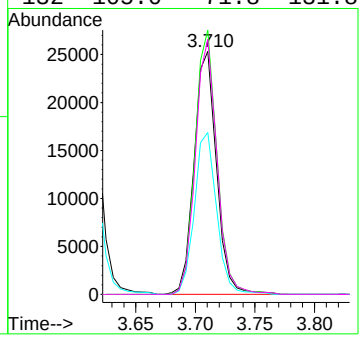


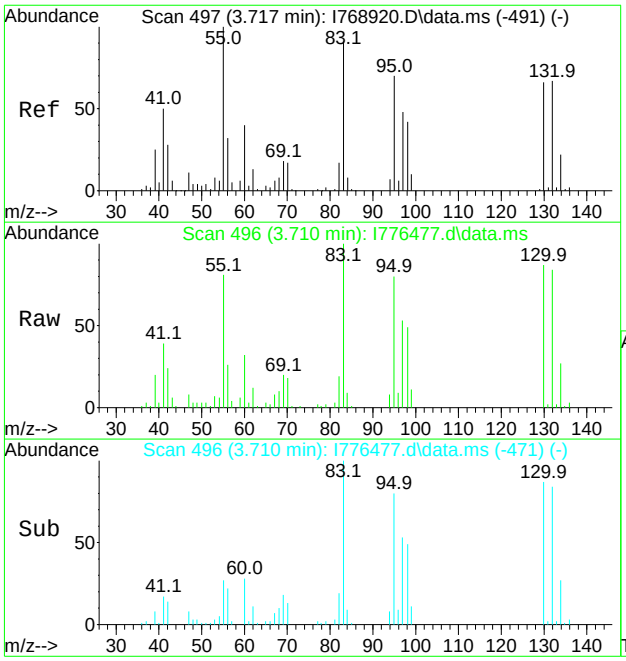


#53
Trichloroethene
Concen: 22.0312 ug/L
RT: 3.710 min Scan# 496
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 95 Resp: 33064

Ion	Ratio	Lower	Upper
95	100		
130	108.9	70.0	130.0
97	66.7	35.4	95.4
132	105.0	71.8	131.8

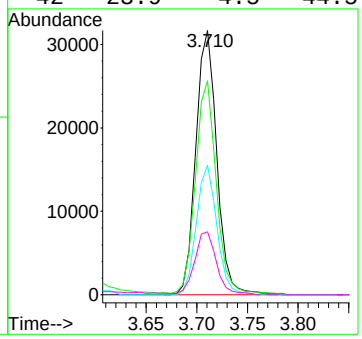


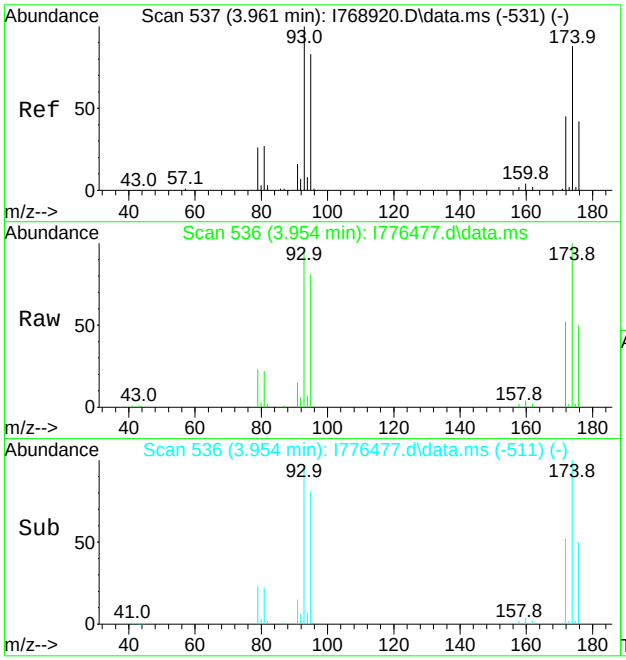


#54
Methylcyclohexane
Concen: 22.8683 ug/L
RT: 3.710 min Scan# 496
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 83 Resp: 45758

Ion	Ratio	Lower	Upper
83	100		
55	81.0	51.8	91.8
98	49.0	30.9	70.9
42	23.9	4.5	44.5

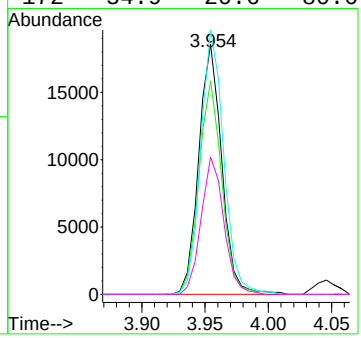


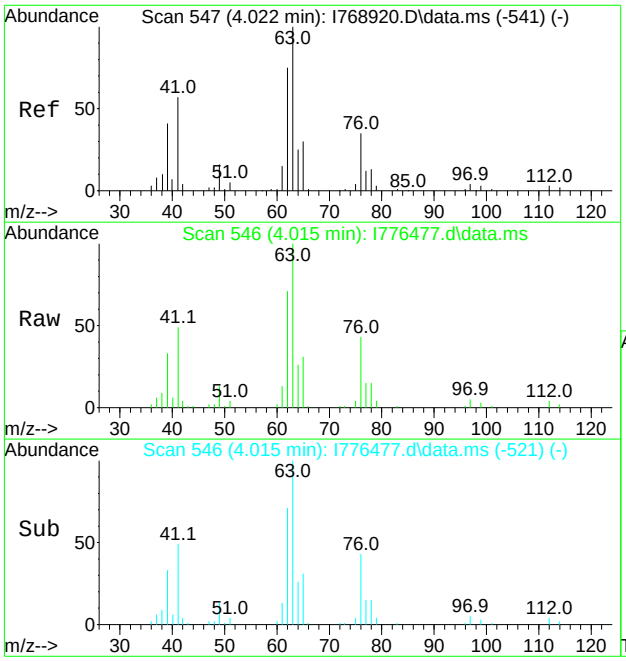


#55
Dibromomethane
Concen: 22.9223 ug/L
RT: 3.954 min Scan# 536
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 93 Resp: 23385

Ion	Ratio	Lower	Upper
93	100		
95	85.4	53.7	113.7
174	105.7	63.7	123.7
172	54.9	20.6	80.6

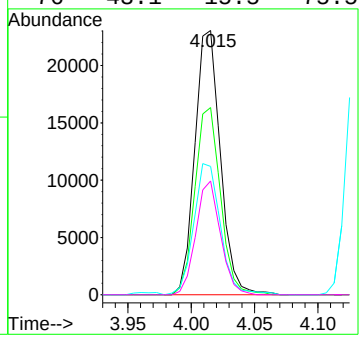


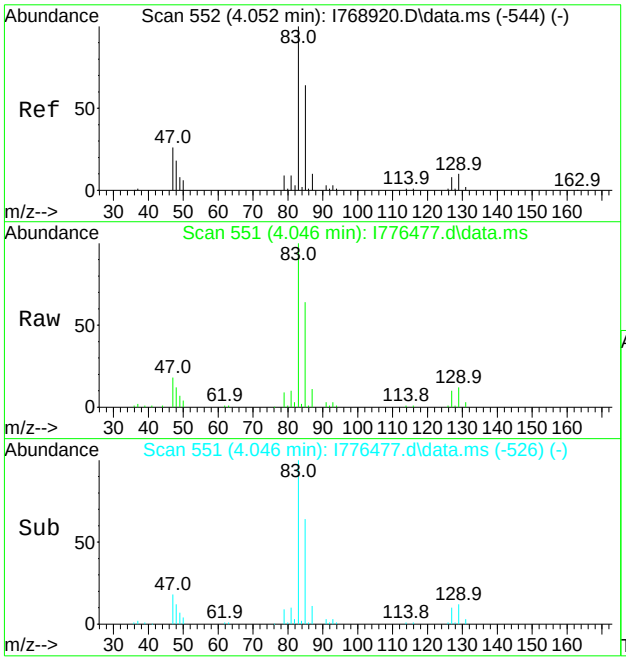


#56
1,2-Dichloropropane
Concen: 22.5911 ug/L
RT: 4.015 min Scan# 546
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 63 Resp: 32411

Ion	Ratio	Lower	Upper
63	100		
62	70.8	41.6	101.6
41	48.5	21.1	81.1
76	43.1	15.5	75.5

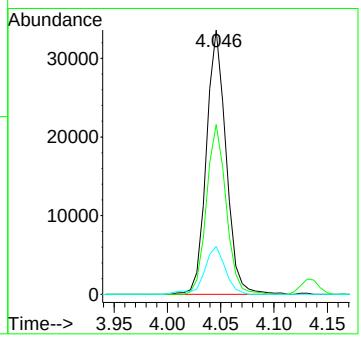


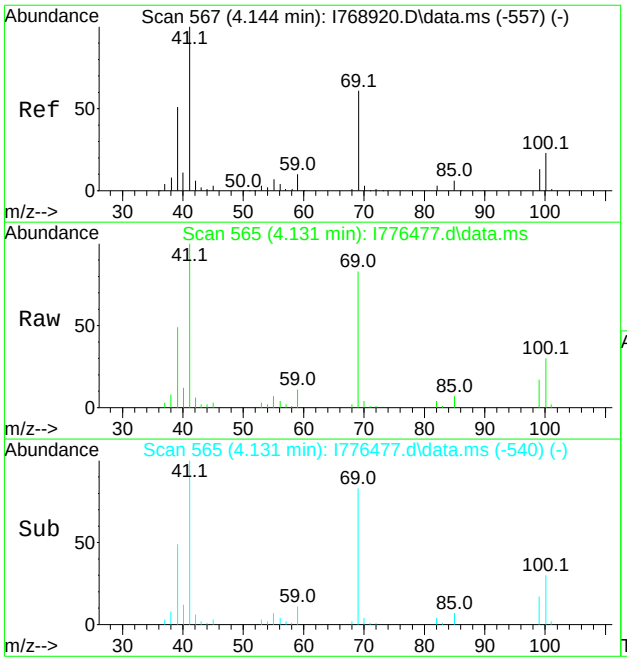


#57
Bromodichloromethane
Concen: 20.8508 ug/L
RT: 4.046 min Scan# 551
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 83 Resp: 43231

Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.7	82.9
47	18.2	13.0	24.2

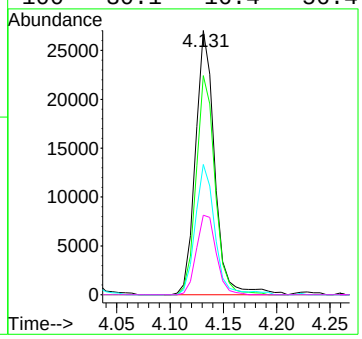


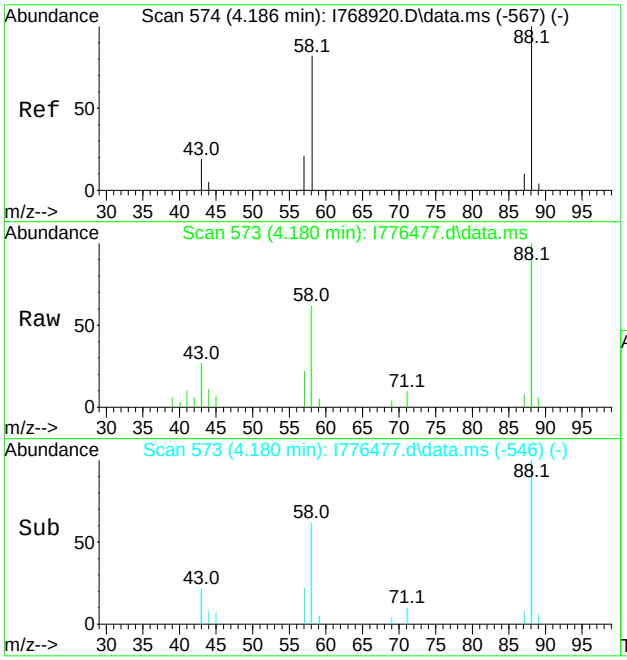


#58
Methyl methacrylate
Concen: 19.6056 ug/L
RT: 4.131 min Scan# 565
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 41 Resp: 34180

Ion	Ratio	Lower	Upper
41	100		
69	82.9	74.6	114.6
39	49.3	43.3	83.3
100	30.1	16.4	56.4

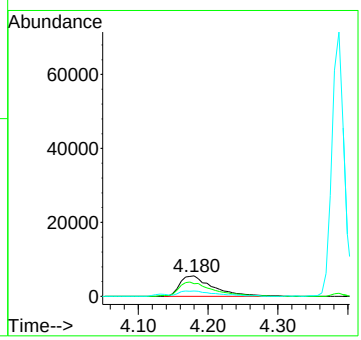


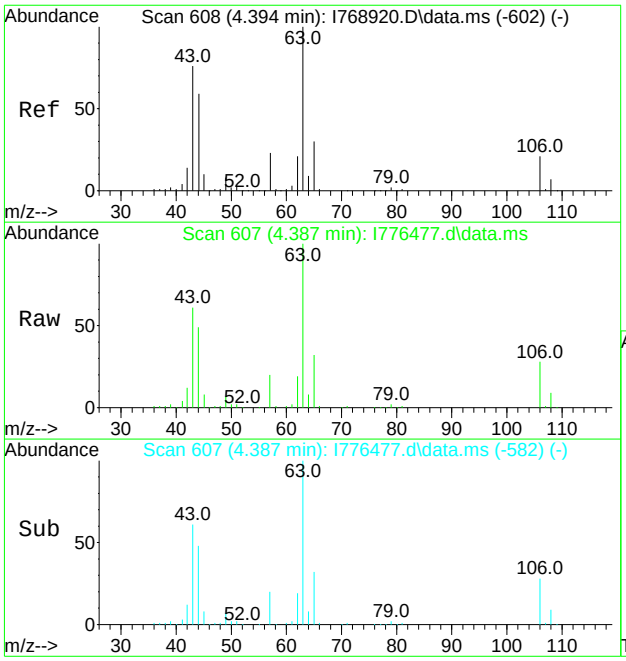


#59
1,4-Dioxane
Concen: 525.6927 ug/L
RT: 4.180 min Scan# 573
Delta R.T. 0.012 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 88 Resp: 18409

Ion	Ratio	Lower	Upper
88	100		
58	61.8	30.6	90.6
43	23.7	0.0	54.0

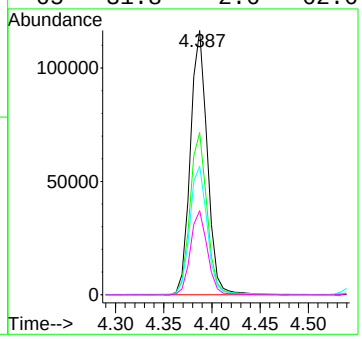


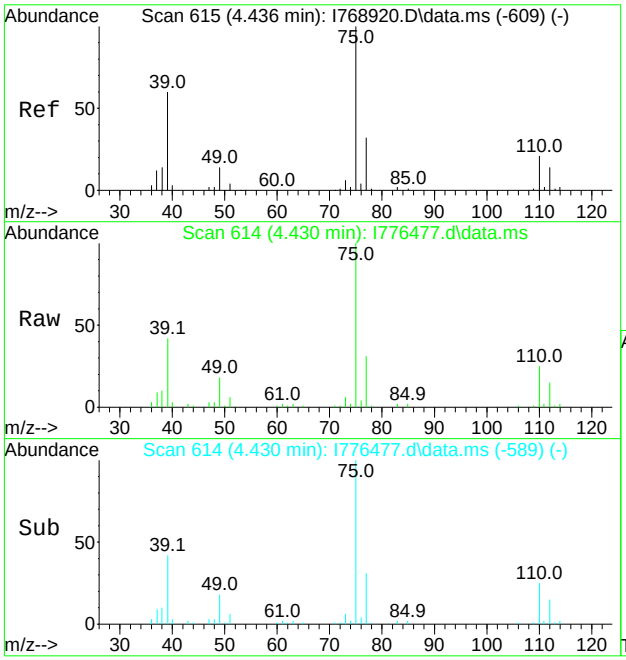


#60
2-Chloroethyl vinyl ether
Concen: 139.4460 ug/L
RT: 4.387 min Scan# 607
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 63 Resp: 142218

Ion	Ratio	Lower	Upper
63	100		
43	61.2	33.7	93.7
44	48.5	20.6	80.6
65	31.8	2.6	62.6

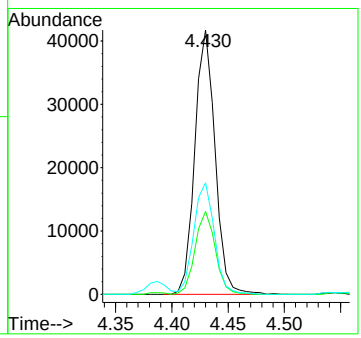


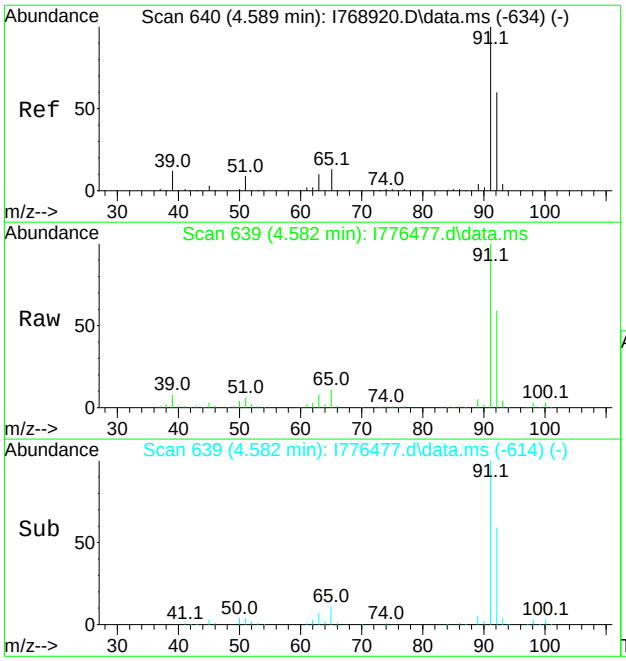


#61
cis-1,3-Dichloropropene
Concen: 22.0113 ug/L
RT: 4.430 min Scan# 614
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 75 Resp: 52207

Ion	Ratio	Lower	Upper
75	100		
77	31.4	1.8	61.8
39	42.2	17.6	77.6

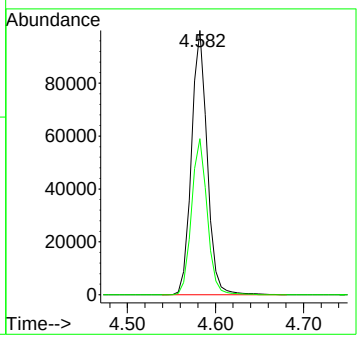


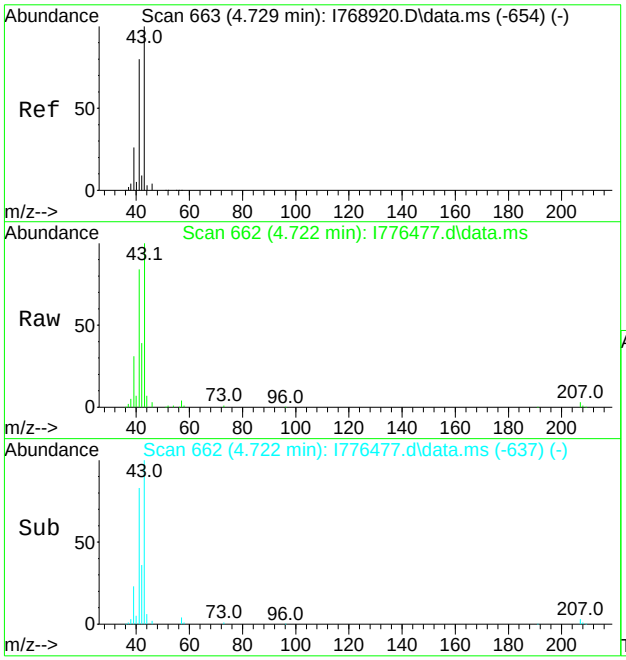


#64
Toluene
Concen: 22.1772 ug/L
RT: 4.582 min Scan# 639
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 124377

Ion	Ratio	Lower	Upper
91	100		
92	59.1	28.6	88.6

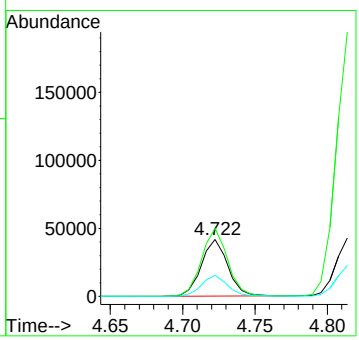


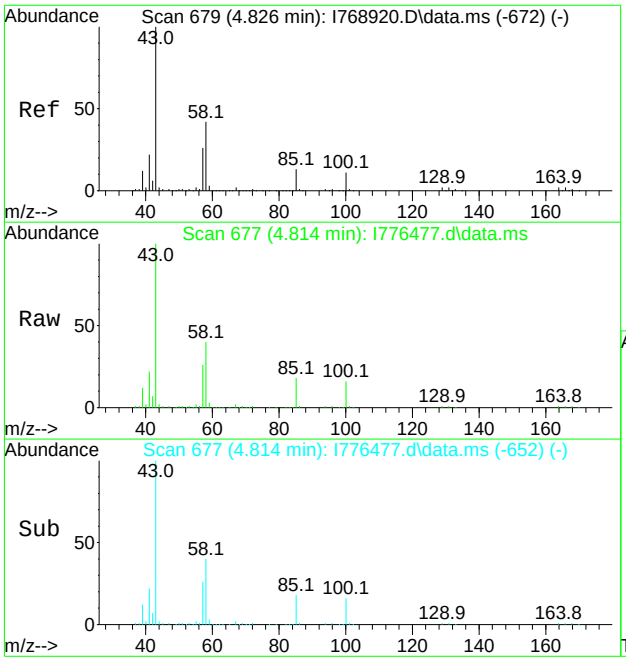


#65
2-Nitropropane
Concen: 65.8861 ug/L
RT: 4.722 min Scan# 662
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 41 Resp: 53009

Ion	Ratio	Lower	Upper
41	100		
43	119.7	95.7	135.7
39	36.8	17.9	57.9

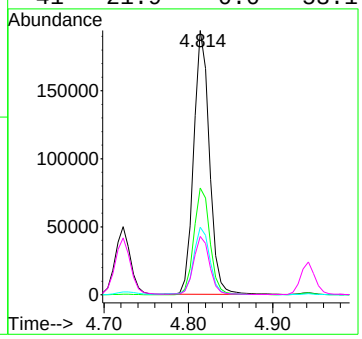


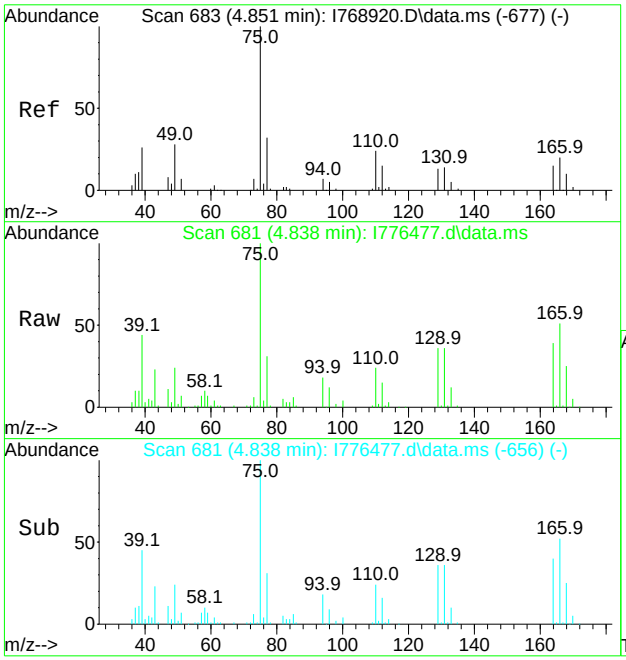


#66
4-Methyl-2-pentanone
Concen: 105.1004 ug/L
RT: 4.814 min Scan# 677
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 251157

Ion	Ratio	Lower	Upper
43	100		
58	40.4	9.8	69.8
57	25.6	0.0	54.0
41	21.9	0.0	53.1

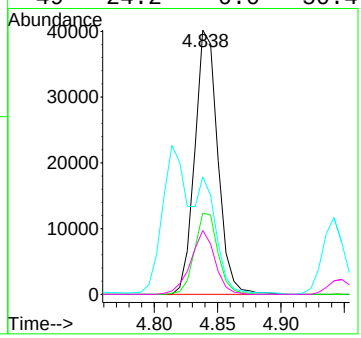


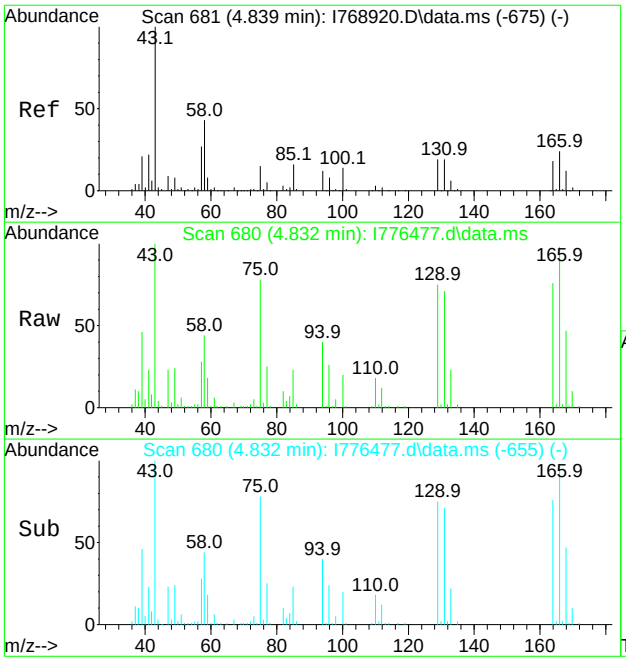


#67
trans-1,3-Dichloropropene
Concen: 22.1009 ug/L
RT: 4.838 min Scan# 681
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 75 Resp: 50901

Ion	Ratio	Lower	Upper
75	100		
77	30.8	2.0	62.0
39	44.4	15.3	75.3
49	24.2	0.0	50.4

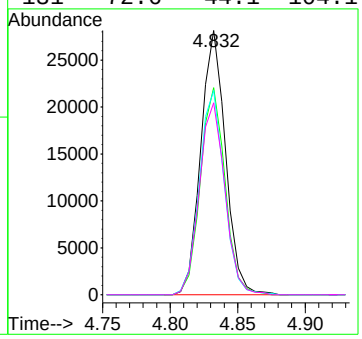


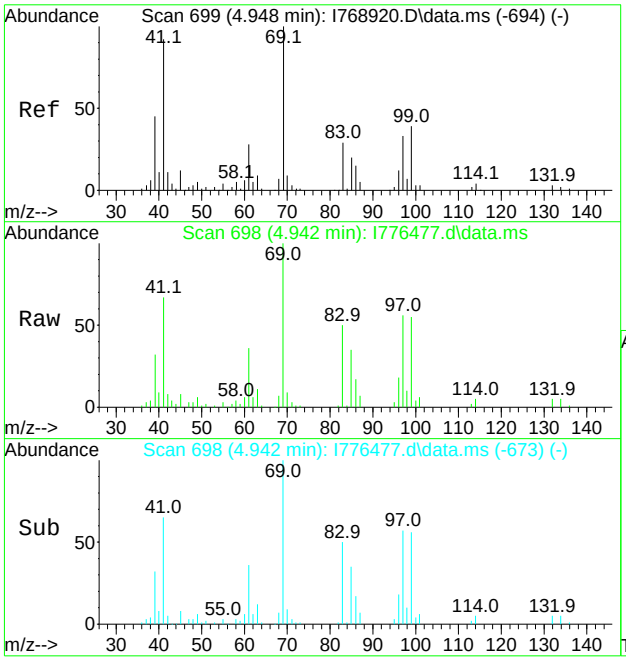


#68
Tetrachloroethene
Concen: 23.6424 ug/L
RT: 4.832 min Scan# 680
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:166 Resp: 35918

Ion	Ratio	Lower	Upper
166	100		
164	78.4	48.3	108.3
129	77.3	44.6	104.6
131	72.6	44.1	104.1

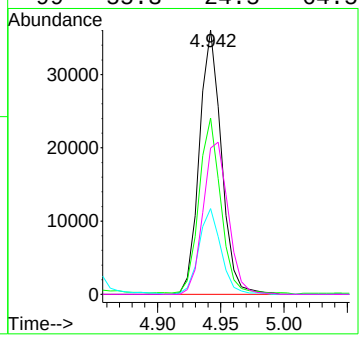


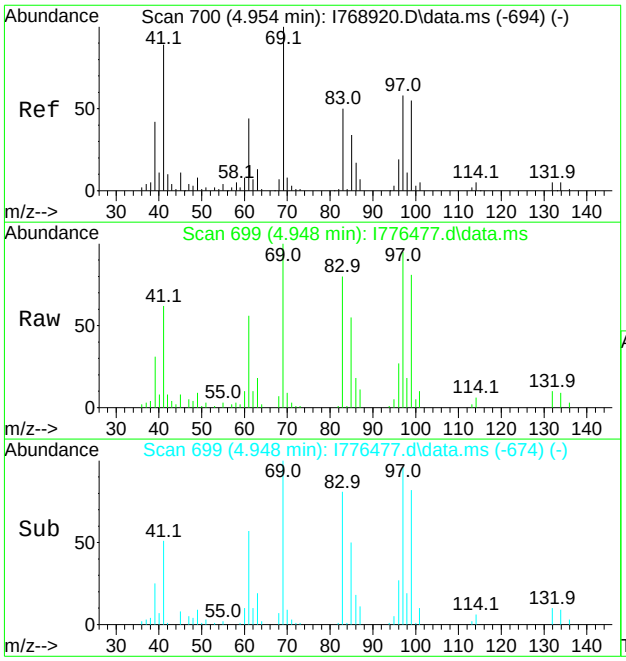


#69
Ethyl methacrylate
Concen: 20.8733 ug/L
RT: 4.942 min Scan# 698
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 69 Resp: 43759

Ion	Ratio	Lower	Upper
69	100		
41	66.1	43.8	83.8
39	32.4	18.5	58.5
99	55.3	24.5	64.5

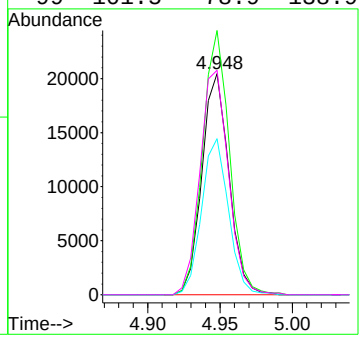


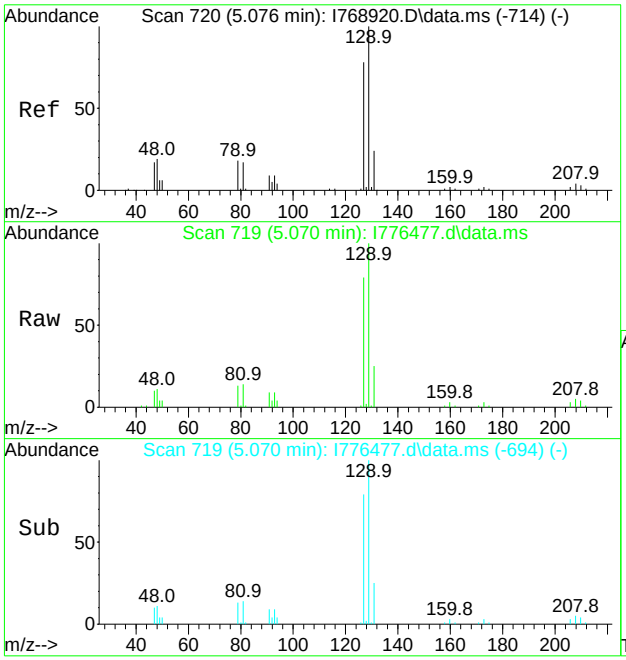


#70
1,1,2-Trichloroethane
Concen: 22.8972 ug/L
RT: 4.948 min Scan# 699
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 83 Resp: 26732

Ion	Ratio	Lower	Upper
83	100		
97	119.5	88.3	148.3
61	70.6	41.5	101.5
99	101.5	78.9	138.9

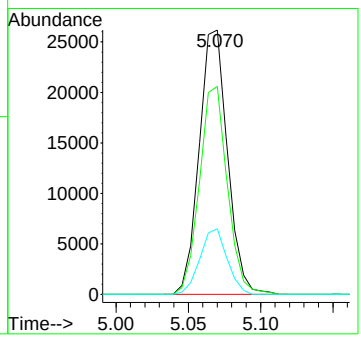


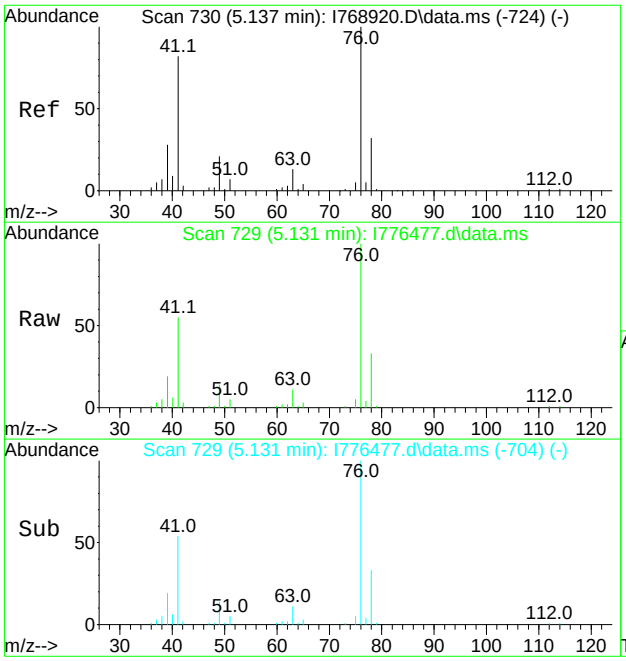


#71
Dibromochloromethane
Concen: 21.9018 ug/L
RT: 5.070 min Scan# 719
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:129 Resp: 35728

Ion	Ratio	Lower	Upper
129	100		
127	78.7	45.8	105.8
131	24.9	0.0	54.5

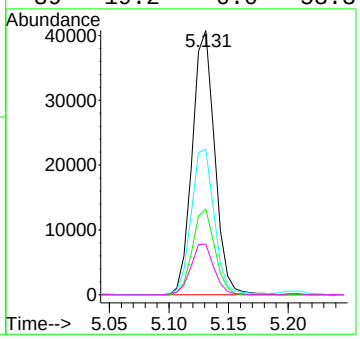


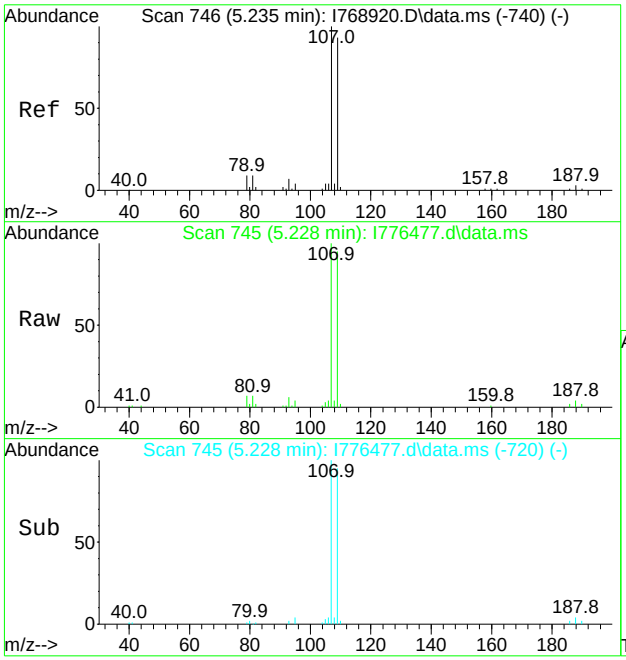


#72
1,3-Dichloropropane
Concen: 23.6355 ug/L
RT: 5.131 min Scan# 729
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 76 Resp: 53462

Ion	Ratio	Lower	Upper
76	100		
78	32.5	2.7	62.7
41	55.2	23.5	83.5
39	19.2	0.0	53.3

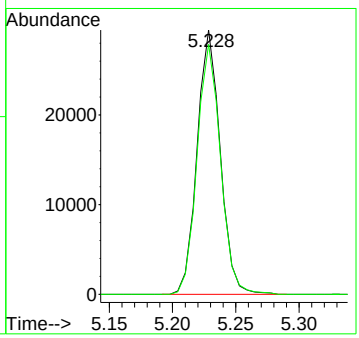


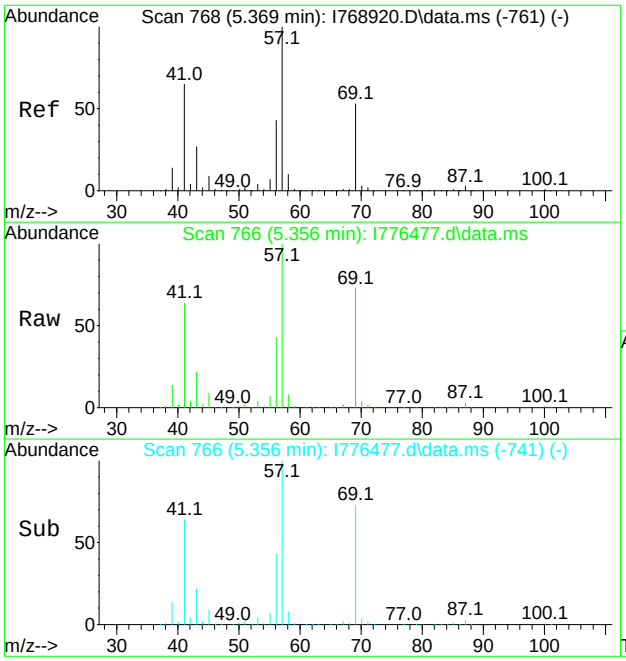


#73
1,2-Dibromoethane
Concen: 23.8346 ug/L
RT: 5.228 min Scan# 745
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:107 Resp: 37395

Ion	Ratio	Lower	Upper
107	100		
109	94.5	64.5	124.5

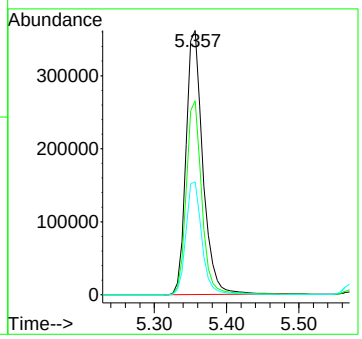


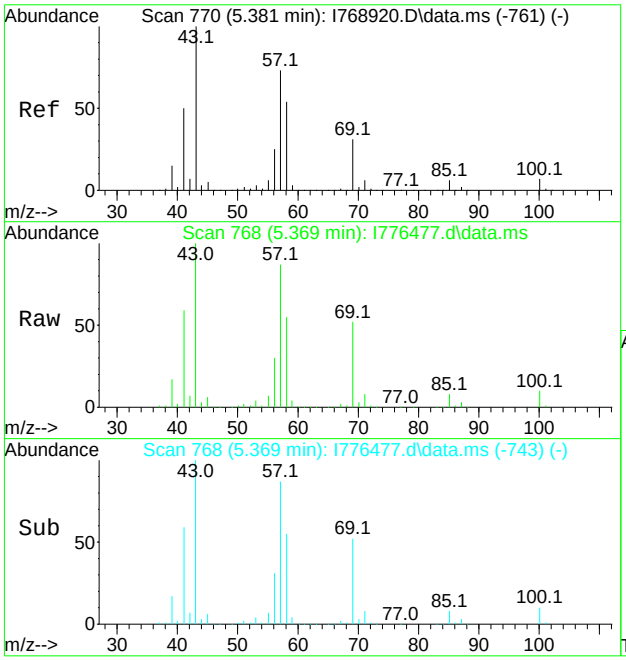


#74
3,3-Dimethyl-1-Butanol
Concen: 1241.2996 ug/L
RT: 5.356 min Scan# 766
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 57 Resp: 582453

Ion	Ratio	Lower	Upper
57	100		
69	73.4	59.1	99.1
56	42.7	23.9	63.9

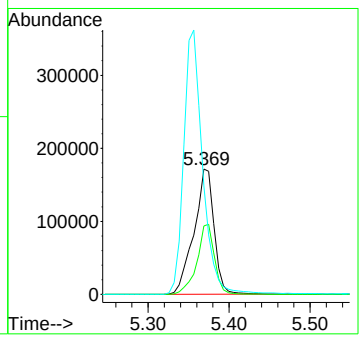


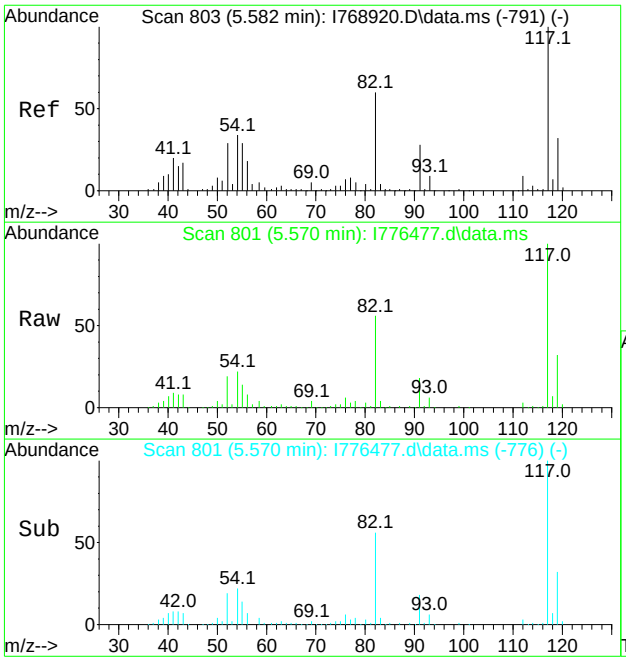


#75
2-hexanone
Concen: 109.5060 ug/L
RT: 5.369 min Scan# 768
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 43 Resp: 296500

Ion	Ratio	Lower	Upper
43	100		
58	54.6	22.9	82.9
57	86.5	8.7	68.7#

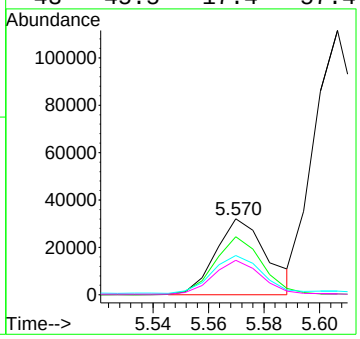


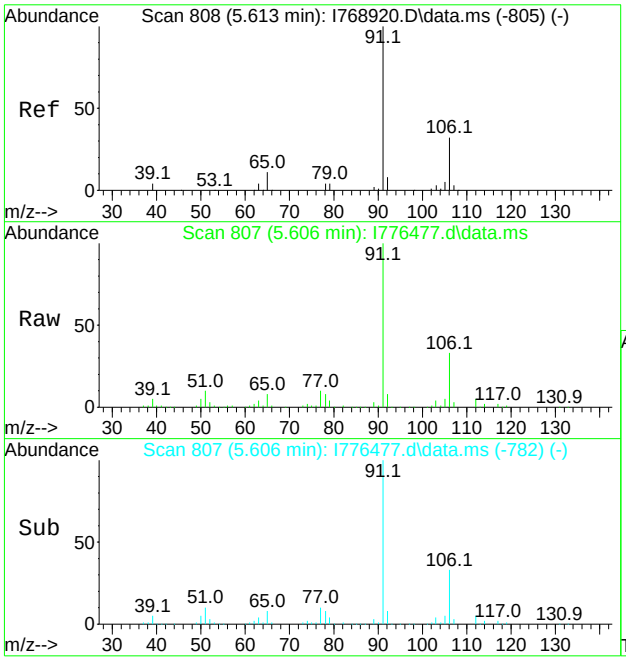


#76
1-Chlorohexane
Concen: 21.6761 ug/L m
RT: 5.570 min Scan# 801
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 41286

Ion	Ratio	Lower	Upper
91	100		
55	76.3	41.1	81.1
41	51.7	27.9	67.9
43	45.5	17.4	57.4

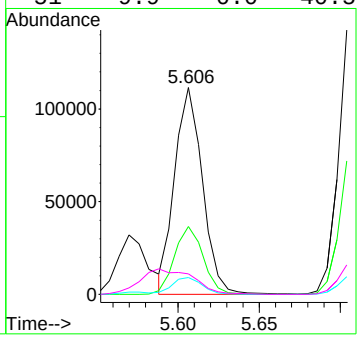


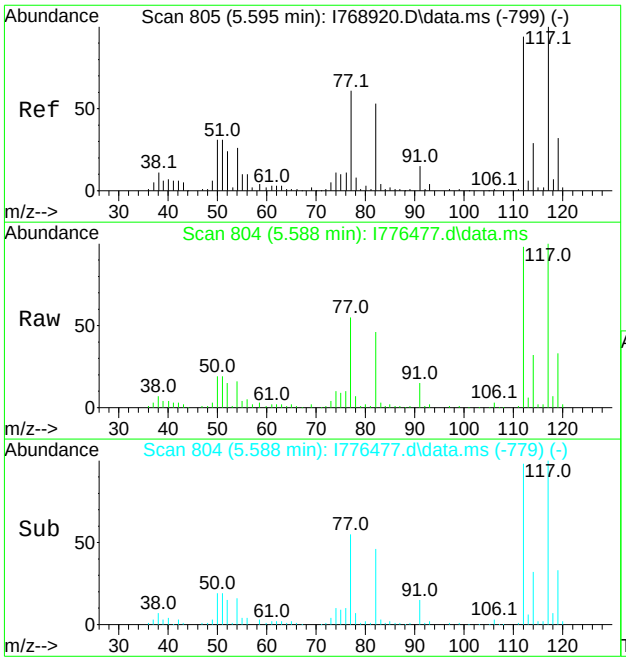


#77
Ethylbenzene
Concen: 21.3521 ug/L m
RT: 5.606 min Scan# 807
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 133156

Ion	Ratio	Lower	Upper
91	100		
106	32.8	0.9	60.9
65	8.2	0.0	38.6
51	9.9	0.0	40.5

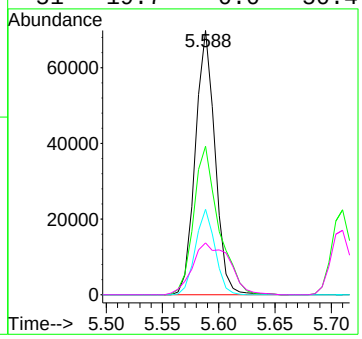


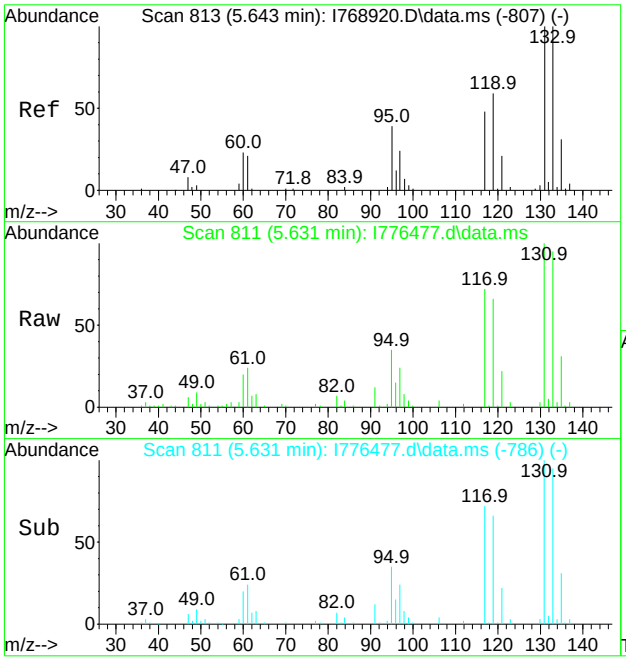


#78
Chlorobenzene
Concen: 22.6686 ug/L
RT: 5.588 min Scan# 804
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:112 Resp: 84869

Ion	Ratio	Lower	Upper
112	100		
77	56.2	26.5	86.5
114	32.4	2.4	62.4
51	19.7	0.0	50.4

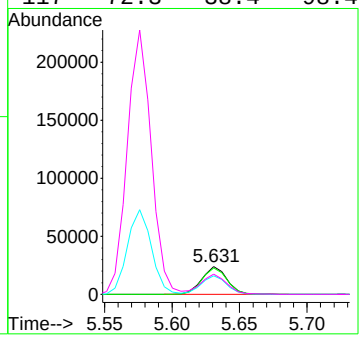


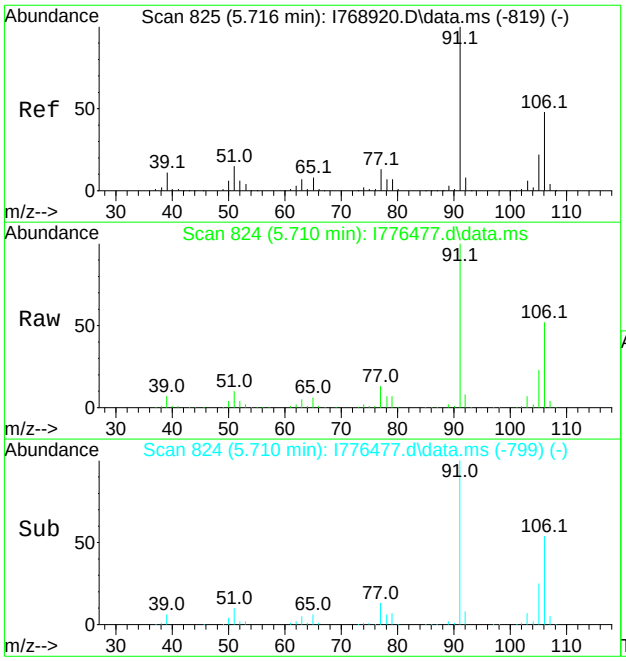


#79
1,1,1,2-Tetrachloroethane
Concen: 21.8896 ug/L
RT: 5.631 min Scan# 811
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:131 Resp: 31218

Ion	Ratio	Lower	Upper
131	100		
133	94.6	65.0	125.0
119	66.1	35.0	95.0
117	72.3	38.4	98.4

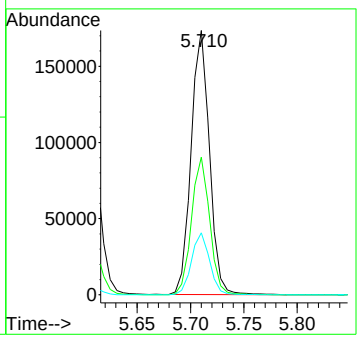


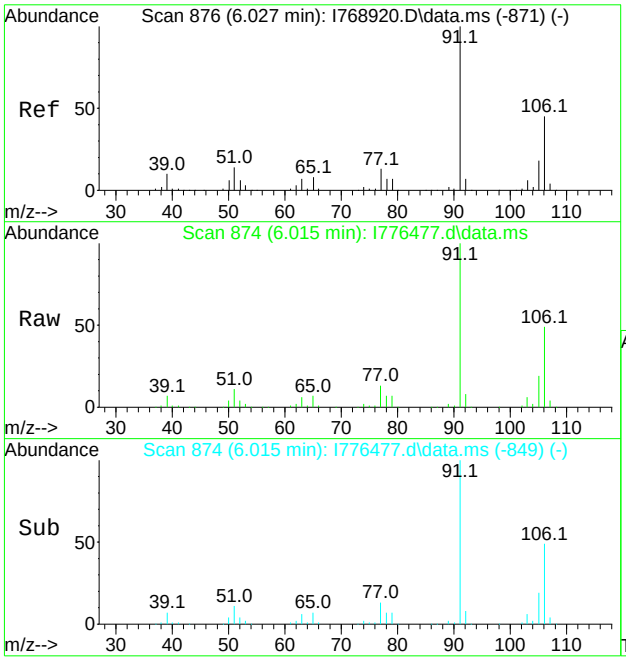


#80
m,p-Xylene
Concen: 42.8718 ug/L
RT: 5.710 min Scan# 824
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 208579

Ion	Ratio	Lower	Upper
91	100		
106	52.1	18.5	78.5
105	23.5	0.0	51.8

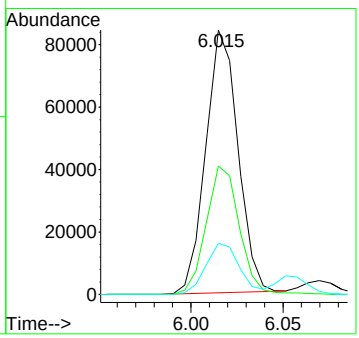


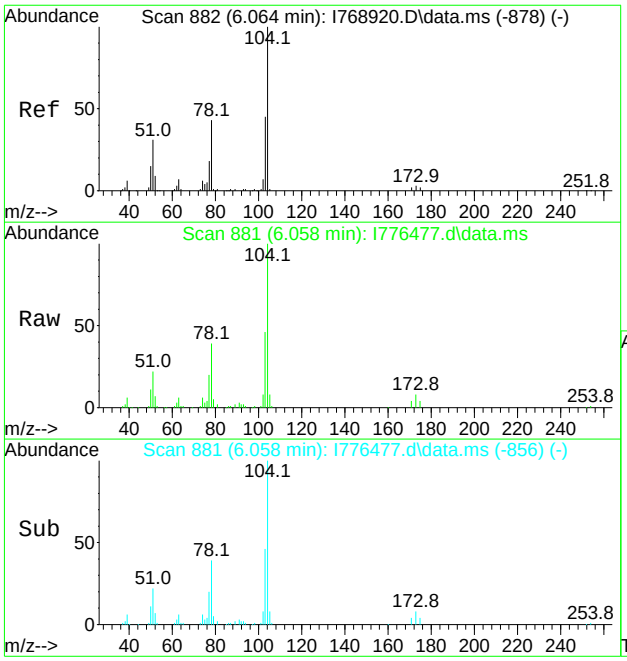


#81
o-Xylene
Concen: 21.1241 ug/L
RT: 6.015 min Scan# 874
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 102713

Ion	Ratio	Lower	Upper
91	100		
106	48.5	17.4	77.4
105	19.4	0.0	49.4

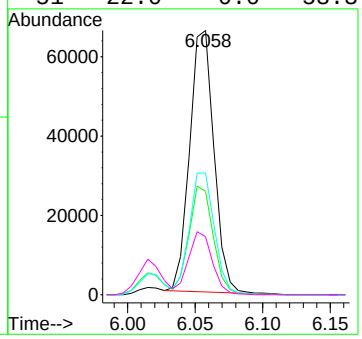


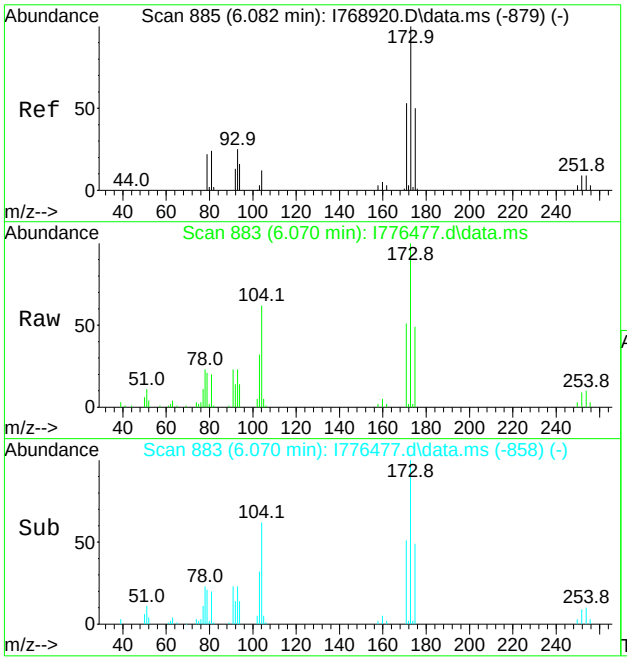


#82
Styrene
Concen: 21.5411 ug/L
RT: 6.058 min Scan# 881
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:104 Resp: 82546

Ion	Ratio	Lower	Upper
104	100		
78	39.2	13.6	73.6
103	46.1	16.8	76.8
51	22.0	0.0	53.3

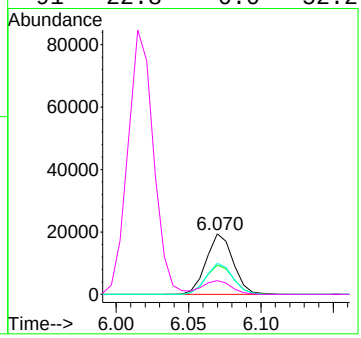


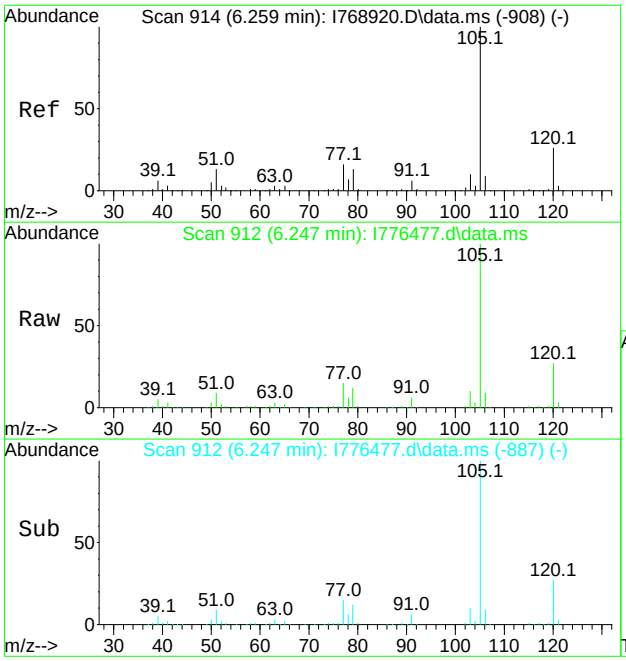


#83
Bromoform
Concen: 21.3054 ug/L
RT: 6.070 min Scan# 883
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:173 Resp: 25037

Ion	Ratio	Lower	Upper
173	100		
175	48.7	17.9	77.9
171	51.3	20.9	80.9
91	22.8	0.0	52.2

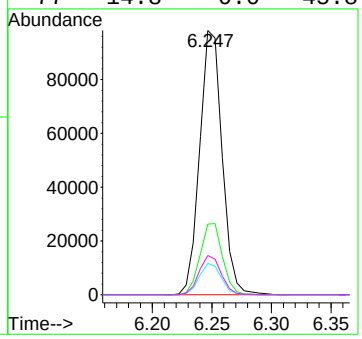


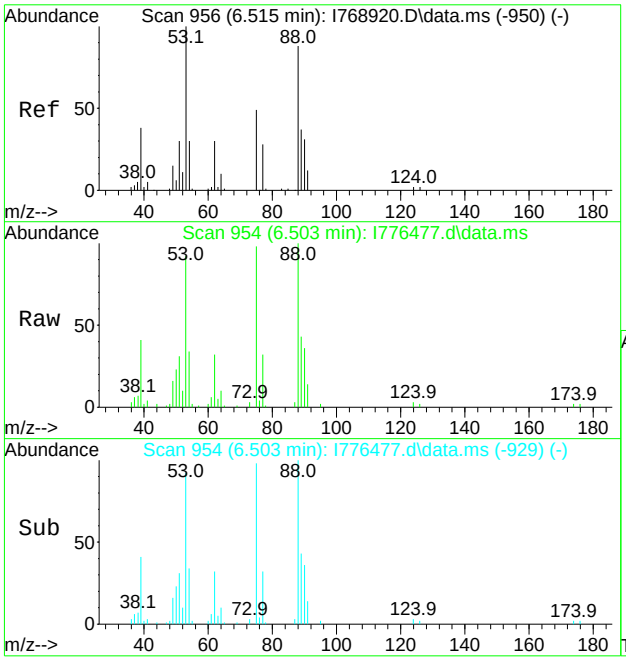


#84
Isopropylbenzene
Concen: 21.2390 ug/L
RT: 6.247 min Scan# 912
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:105 Resp: 128470

Ion	Ratio	Lower	Upper
105	100		
120	26.8	0.0	57.6
79	11.8	0.0	42.2
77	14.8	0.0	45.8

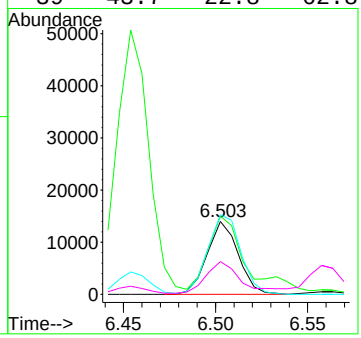


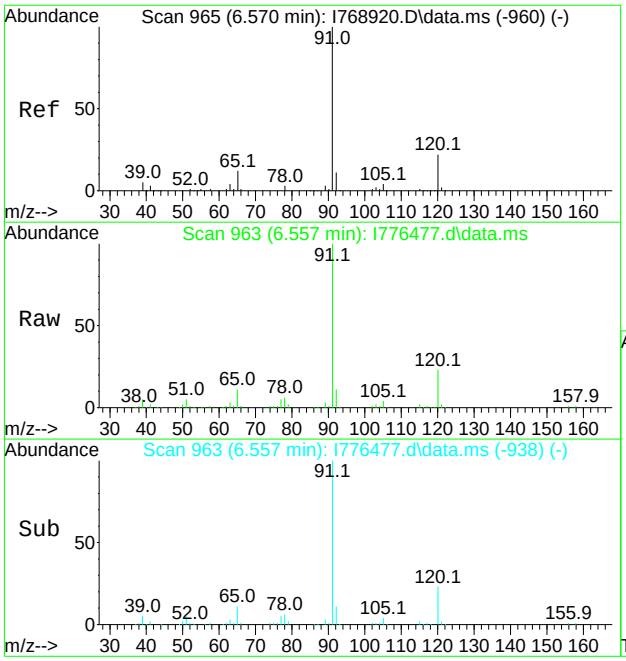


#87
cis-1,4-Dichloro-2-butene
Concen: 19.1018 ug/L
RT: 6.503 min Scan# 954
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 53 Resp: 16525

Ion	Ratio	Lower	Upper
53	100		
75	90.2	68.2	108.2
88	109.3	101.4	141.4
39	43.7	22.8	62.8

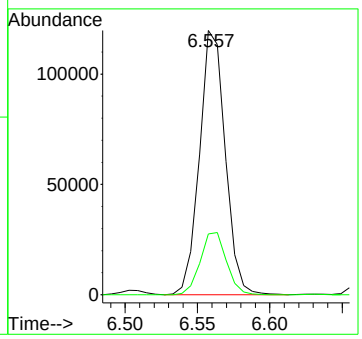


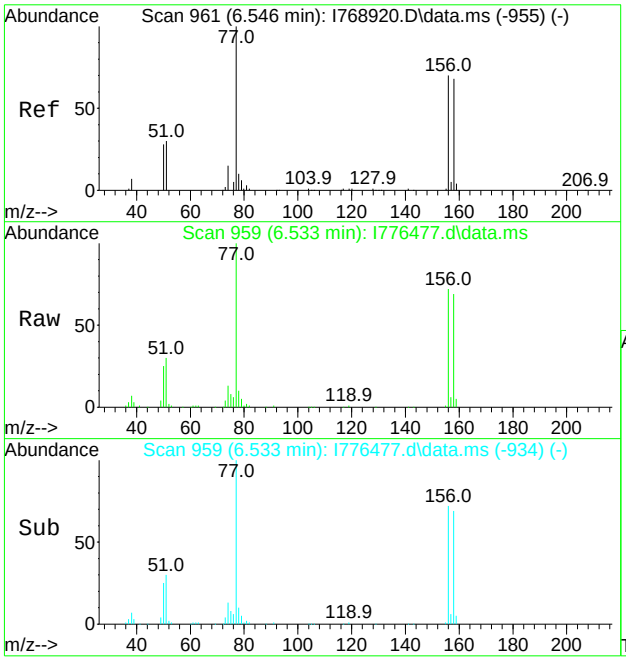


#88
n-Propylbenzene
Concen: 21.5210 ug/L
RT: 6.557 min Scan# 963
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 148600

Ion	Ratio	Lower	Upper
91	100		
120	23.1	0.0	53.4

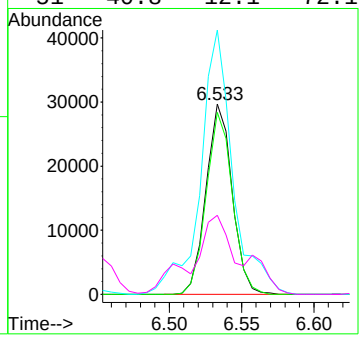


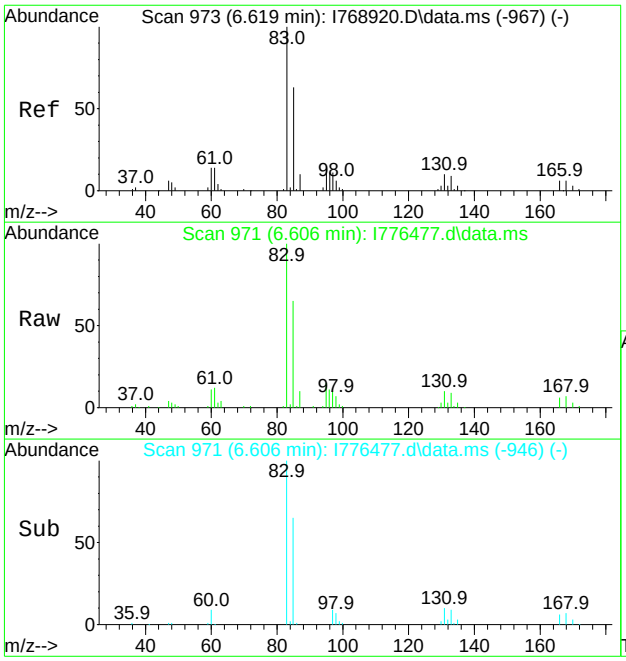


#89
Bromobenzene
Concen: 23.4414 ug/L
RT: 6.533 min Scan# 959
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:156 Resp: 37383

Ion	Ratio	Lower	Upper
156	100		
158	95.7	67.3	127.3
77	138.1	112.5	172.5
51	40.8	12.1	72.1

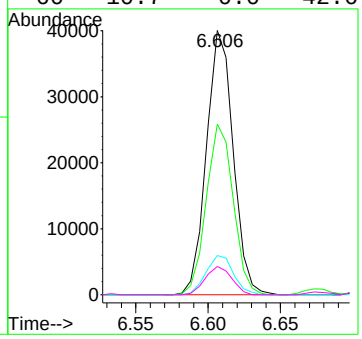


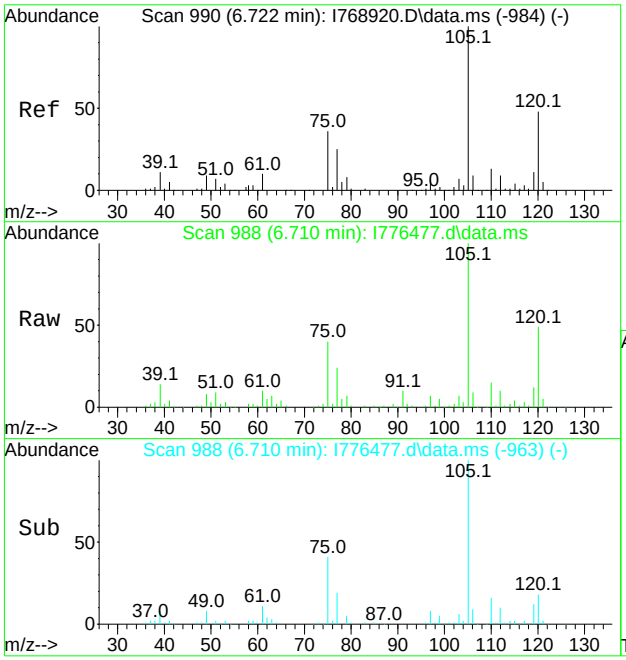


#90
1,1,2,2-Tetrachloroethane
Concen: 24.8542 ug/L
RT: 6.606 min Scan# 971
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 83 Resp: 51486

Ion	Ratio	Lower	Upper
83	100		
85	64.5	34.7	94.7
95	14.9	0.0	46.9
60	10.7	0.0	42.6

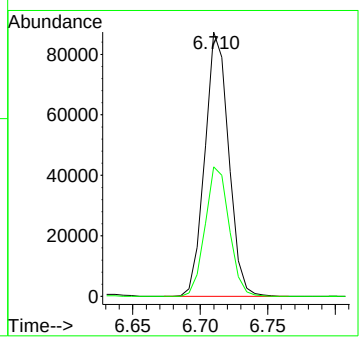


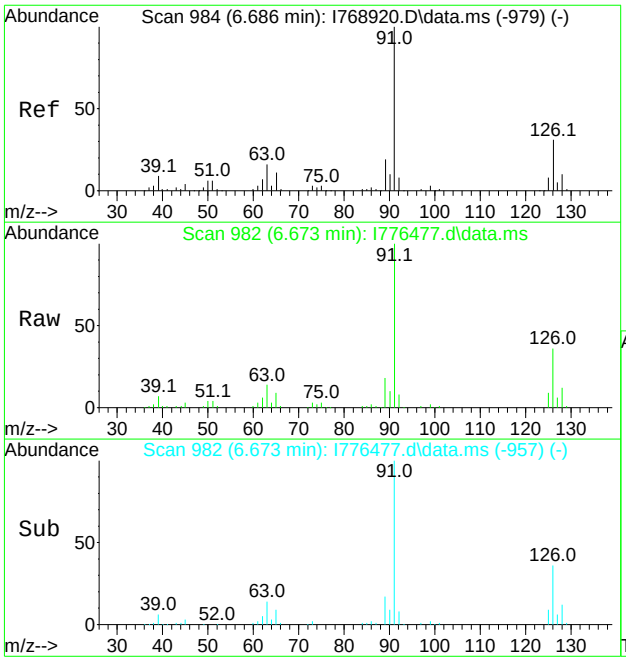


#91
1,3,5-Trimethylbenzene
Concen: 21.2984 ug/L
RT: 6.710 min Scan# 988
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:105 Resp: 106940

Ion	Ratio	Lower	Upper
105	100		
120	48.9	19.5	79.5

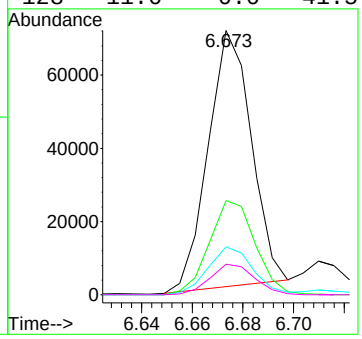


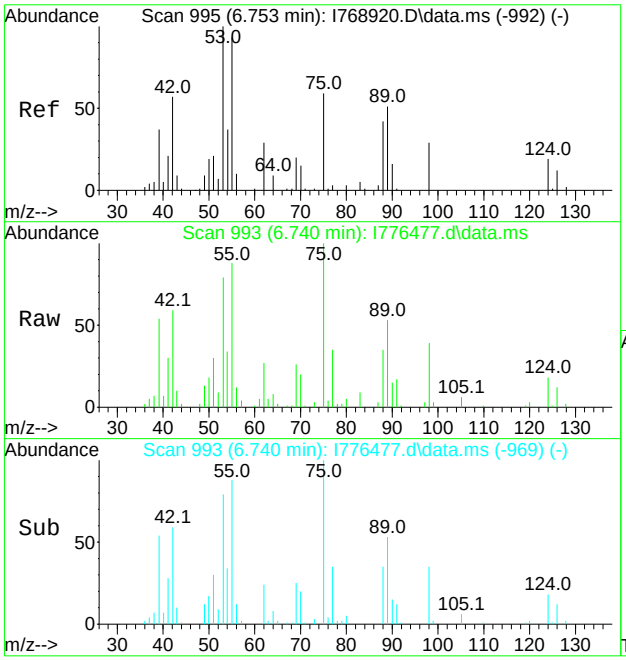


#92
2-Chlorotoluene
Concen: 21.8766 ug/L
RT: 6.673 min Scan# 982
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 83330

Ion	Ratio	Lower	Upper
91	100		
126	35.8	6.4	66.4
89	18.3	0.0	49.2
128	11.6	0.0	41.5

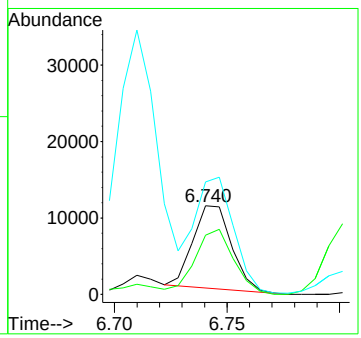


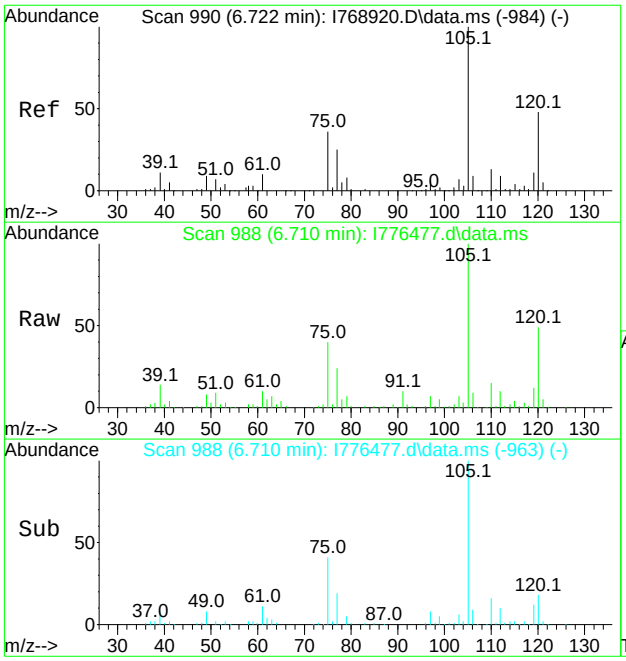


#93
trans-1,4-Dichloro-2-Butene
Concen: 19.2674 ug/L
RT: 6.740 min Scan# 993
Delta R.T. -0.007 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 53 Resp: 12763

Ion	Ratio	Lower	Upper
53	100		
89	66.6	56.1	96.1
75	125.5	125.0	165.0

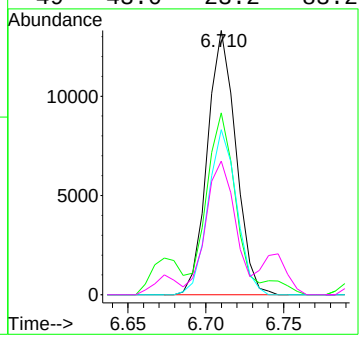


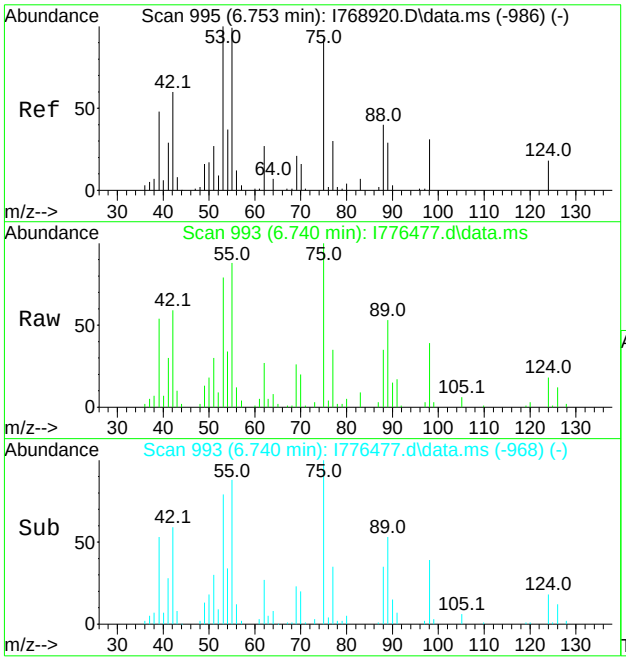


#94
1,2,3-Trichloropropane
Concen: 23.9878 ug/L
RT: 6.710 min Scan# 988
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:110 Resp: 16895

Ion	Ratio	Lower	Upper
110	100		
61	65.4	36.4	96.4
112	62.5	32.9	92.9
49	43.0	23.2	83.2

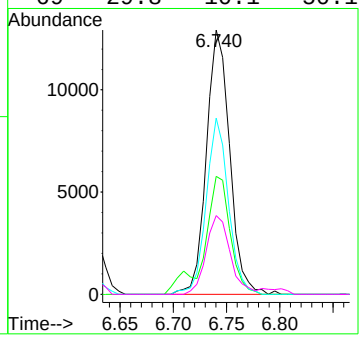


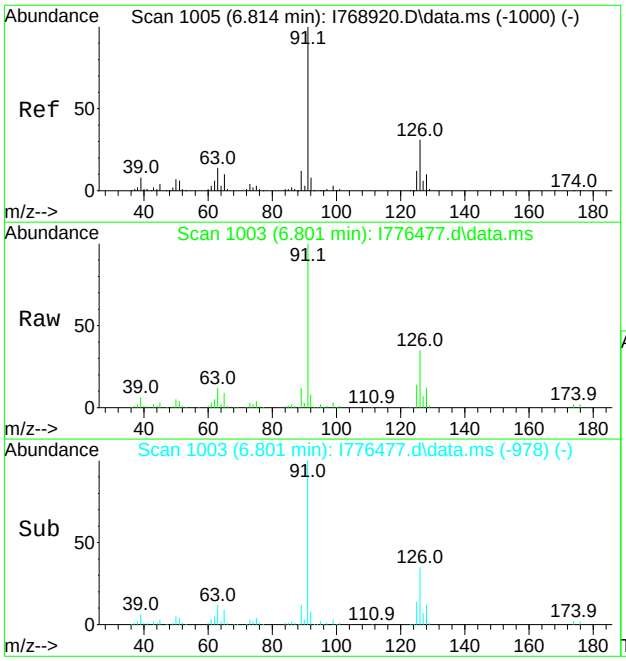


#95
Cyclohexanone
Concen: 128.2295 ug/L
RT: 6.740 min Scan# 993
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 55 Resp: 19669

Ion	Ratio	Lower	Upper
55	100		
98	44.7	26.9	66.9
42	66.7	48.5	88.5
69	29.8	10.1	50.1

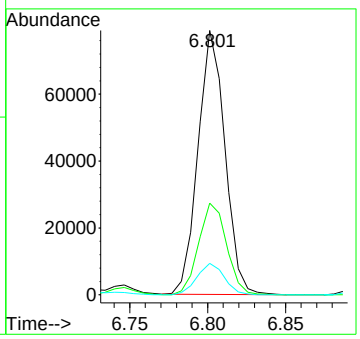


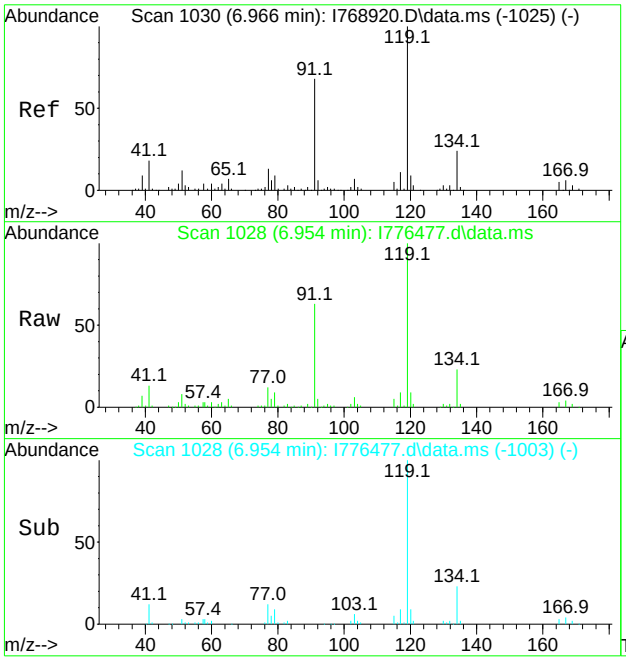


#96
4-Chlorotoluene
Concen: 21.5268 ug/L
RT: 6.801 min Scan# 1003
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 94662

Ion	Ratio	Lower	Upper
91	100		
126	34.7	6.2	66.2
63	11.9	0.0	42.7

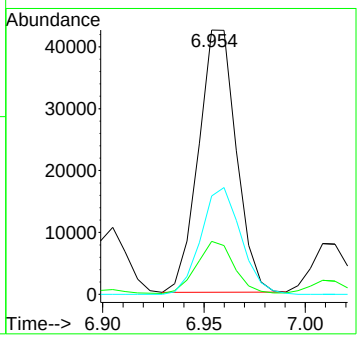


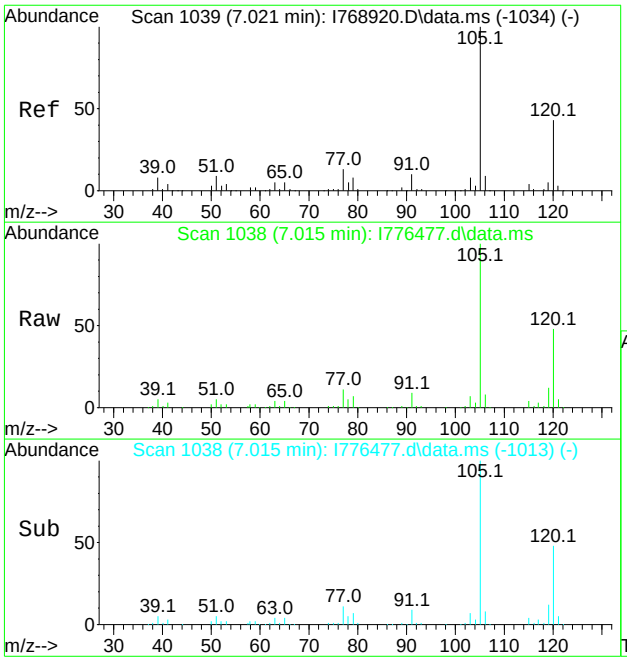


#97
tert-Butylbenzene
Concen: 20.5753 ug/L
RT: 6.954 min Scan# 1028
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 91 Resp: 55083

Ion	Ratio	Lower	Upper
91	100		
41	19.8	0.0	47.2
134	37.5	8.6	68.6

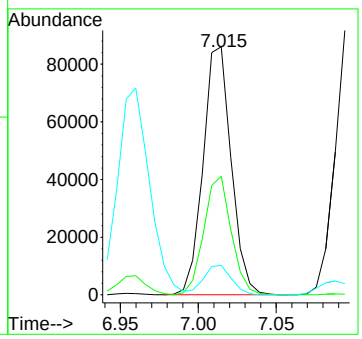


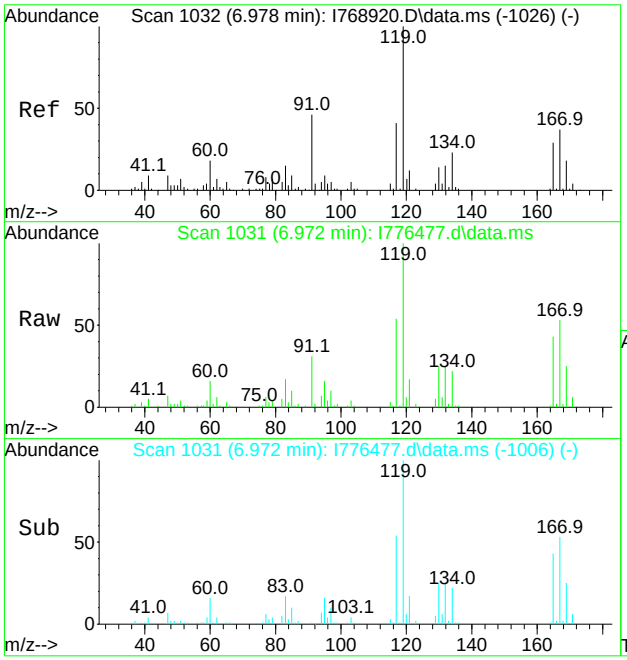


#98
1,2,4-Trimethylbenzene
Concen: 21.8461 ug/L
RT: 7.015 min Scan# 1038
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:105 Resp: 107695

Ion	Ratio	Lower	Upper
105	100		
120	47.9	16.3	76.3
119	11.9	0.0	42.2

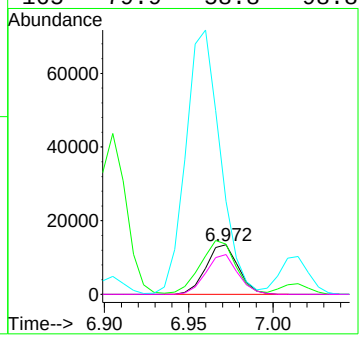


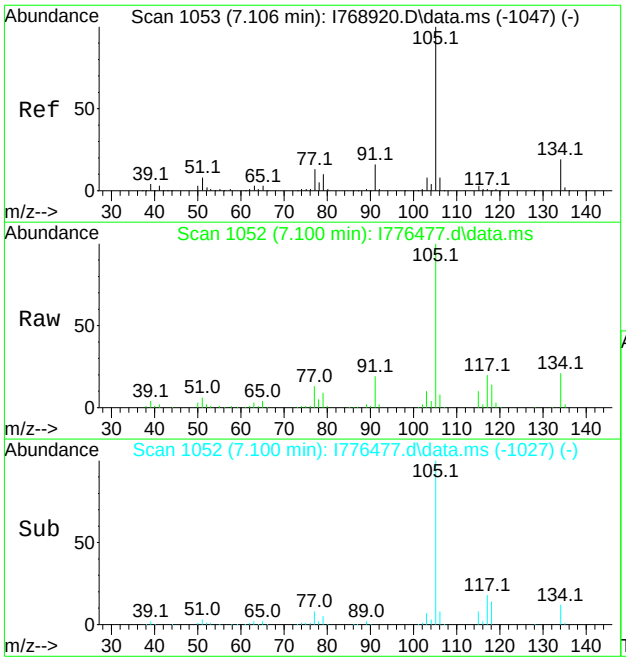


#99
Pentachloroethane
Concen: 19.8682 ug/L
RT: 6.972 min Scan# 1031
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:167 Resp: 17998

Ion	Ratio	Lower	Upper
167	100		
117	98.6	71.5	131.5
119	172.2	157.1	217.1
165	79.9	58.8	98.8

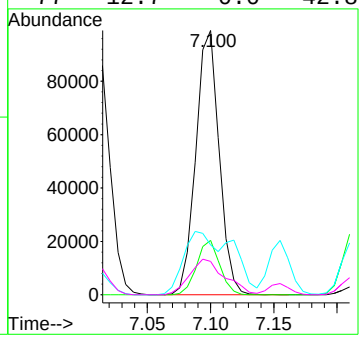


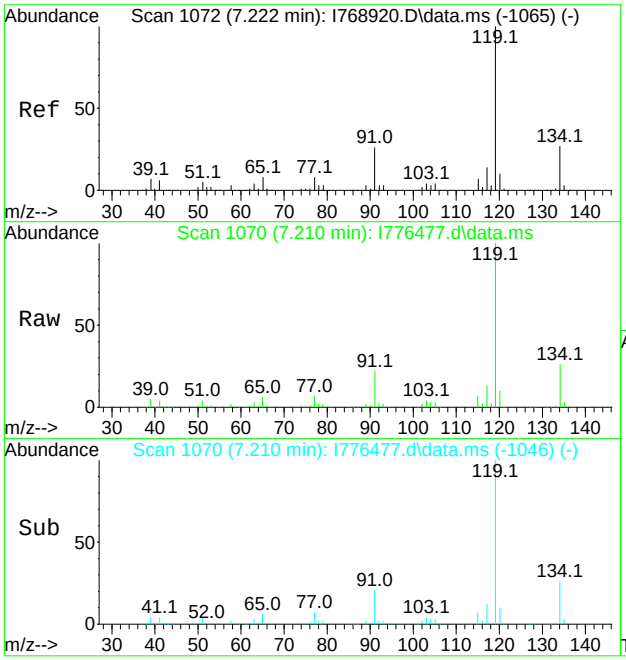


#100
sec-Butylbenzene
Concen: 22.0128 ug/L
RT: 7.100 min Scan# 1052
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:105 Resp: 126833

Ion	Ratio	Lower	Upper
105	100		
134	20.6	0.0	51.0
91	18.4	0.0	46.6
77	12.7	0.0	42.8

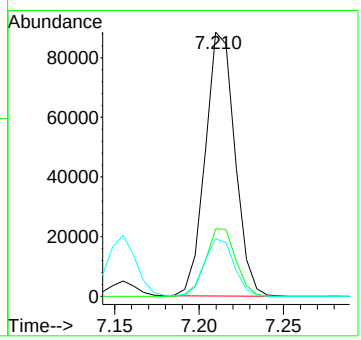


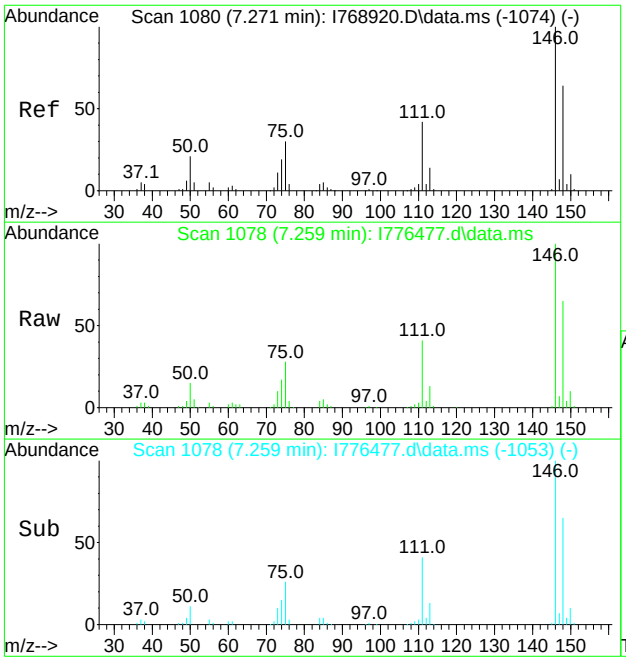


#101
4-Isopropyltoluene
Concen: 21.7957 ug/L
RT: 7.210 min Scan# 1070
Delta R.T. -0.006 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:119 Resp: 108210

Ion	Ratio	Lower	Upper
119	100		
134	25.6	0.0	56.9
91	21.9	0.0	54.0

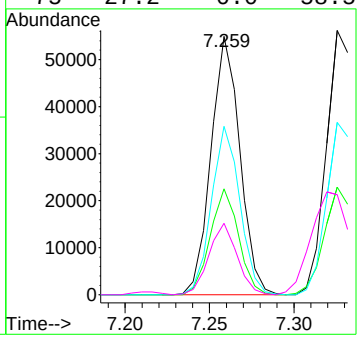


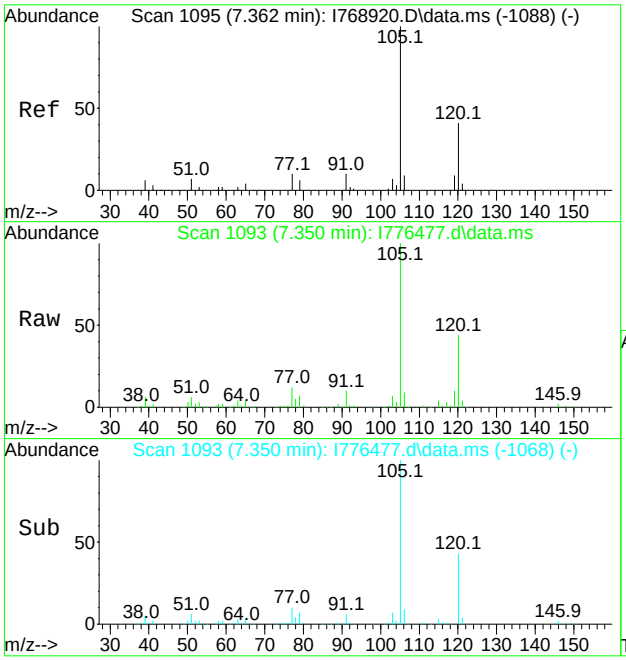


#102
1,3-Dichlorobenzene
Concen: 22.9628 ug/L
RT: 7.259 min Scan# 1078
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:146 Resp: 65548

Ion	Ratio	Lower	Upper
146	100		
111	41.1	11.2	71.2
148	65.2	35.0	95.0
75	27.2	0.0	58.5

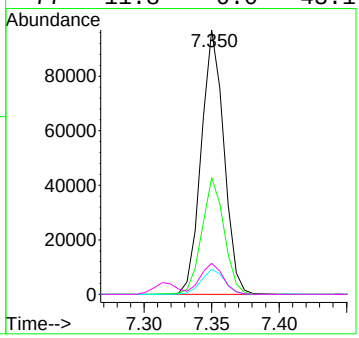


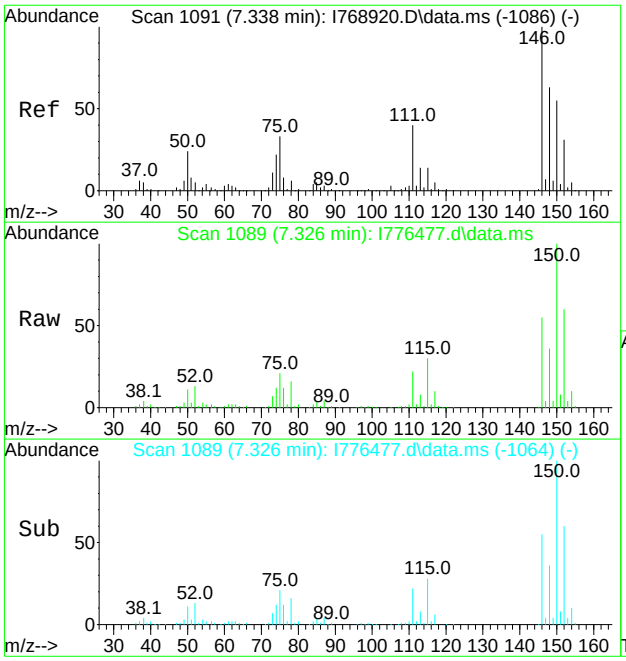


#103
1,2,3-Trimethylbenzene
Concen: 22.1591 ug/L
RT: 7.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:105 Resp: 113181

Ion	Ratio	Lower	Upper
105	100		
120	44.2	12.3	72.3
119	9.6	0.0	39.1
77	11.8	0.0	43.1

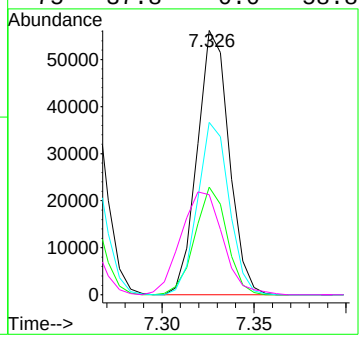


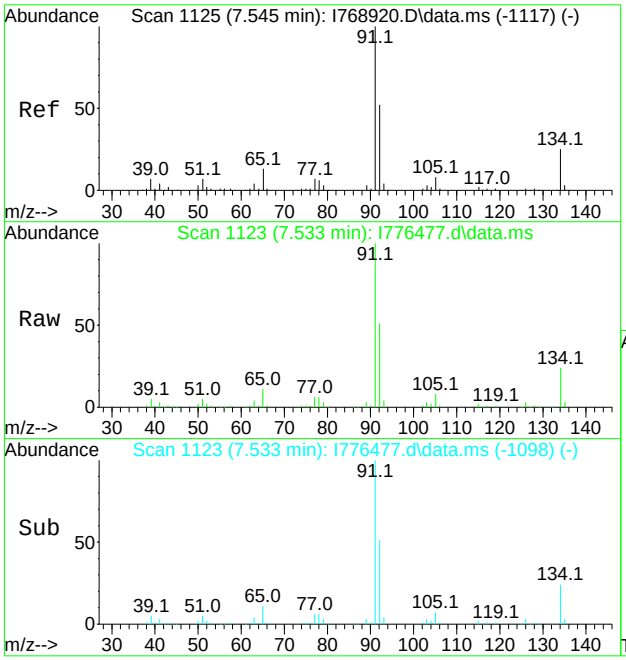


#104
1,4-Dichlorobenzene
Concen: 23.2889 ug/L
RT: 7.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:146 Resp: 67638

Ion	Ratio	Lower	Upper
146	100		
111	40.7	7.3	67.3
148	65.2	33.0	93.0
75	37.8	0.0	58.8

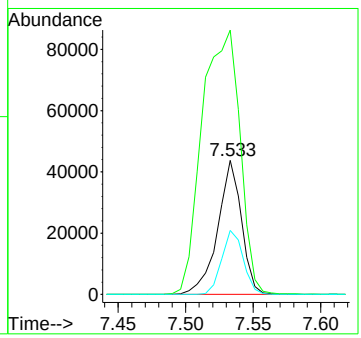


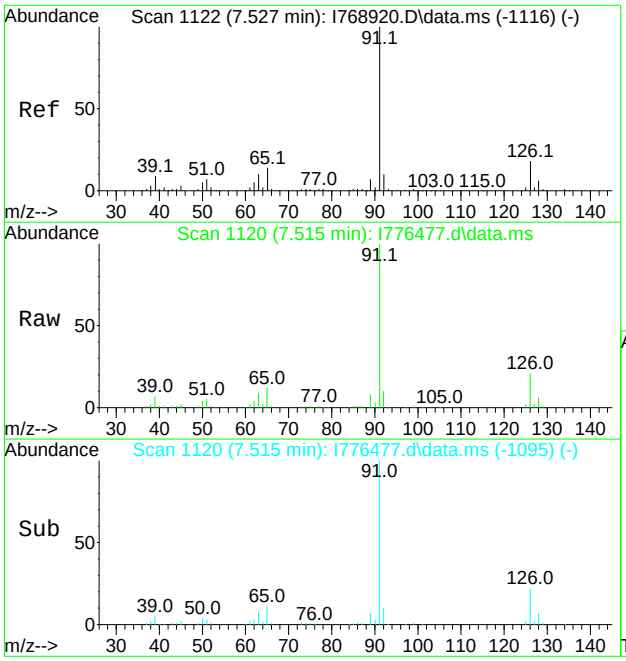


#105
n-Butylbenzene
Concen: 20.4105 ug/L
RT: 7.533 min Scan# 1123
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 92 Resp: 53431

Ion	Ratio	Lower	Upper
92	100		
91	197.2	185.8	245.8
134	47.8	17.1	77.1

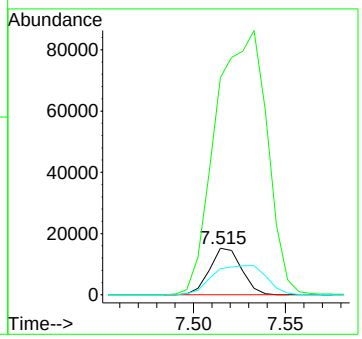


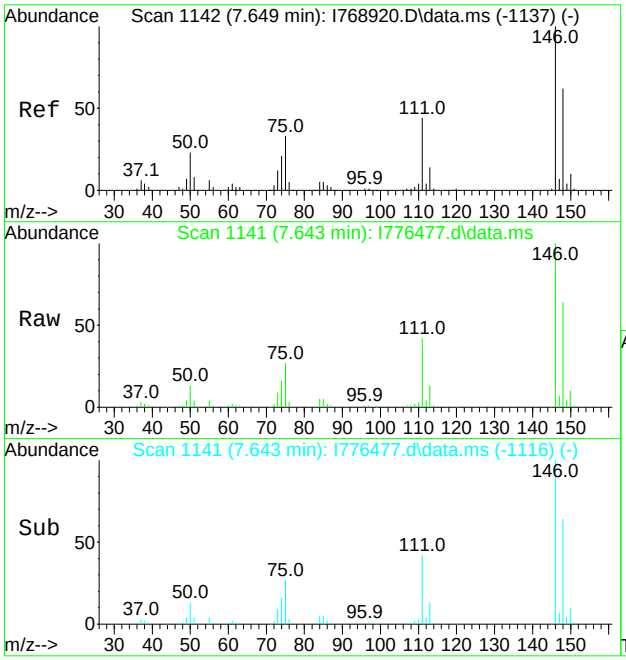


#106
Benzyl Chloride
Concen: 19.1674 ug/L
RT: 7.515 min Scan# 1120
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:126 Resp: 18398

Ion	Ratio	Lower	Upper
126	100		
91	467.3	478.6	518.6#
65	56.1	36.8	76.8

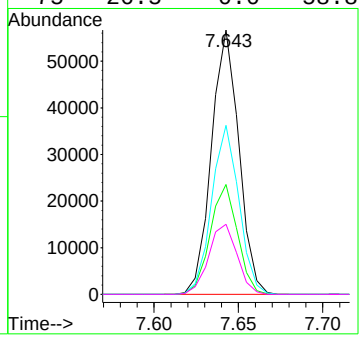


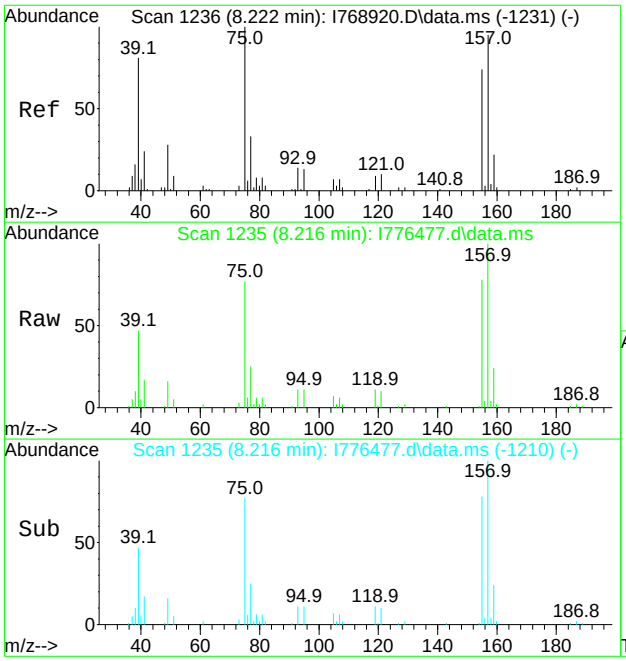


#107
1,2-Dichlorobenzene
Concen: 23.5760 ug/L
RT: 7.643 min Scan# 1141
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:146 Resp: 64155

Ion	Ratio	Lower	Upper
146	100		
111	41.6	11.5	71.5
148	64.0	33.9	93.9
75	26.5	0.0	58.8

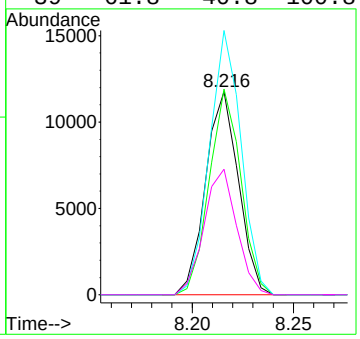


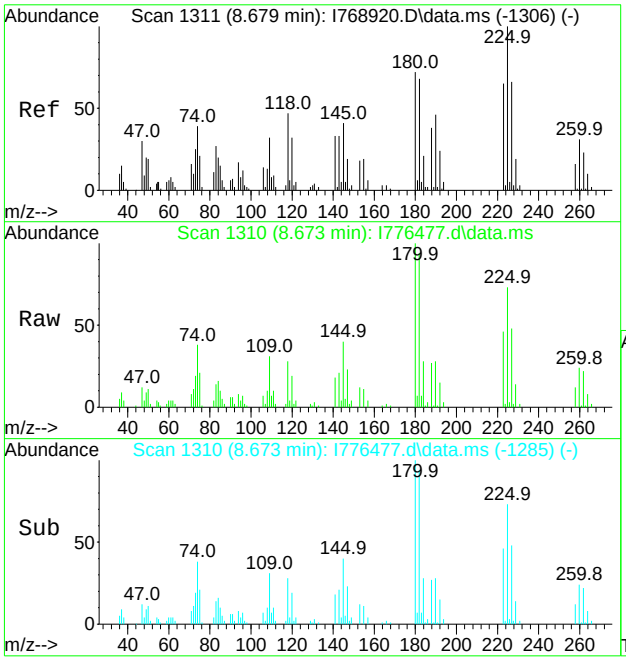


#108
1,2-Dibromo-3-Chloropropane
Concen: 20.8409 ug/L
RT: 8.216 min Scan# 1235
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion: 75 Resp: 13280

Ion	Ratio	Lower	Upper
75	100		
155	101.3	66.4	126.4
157	130.2	88.2	148.2
39	61.8	40.8	100.8

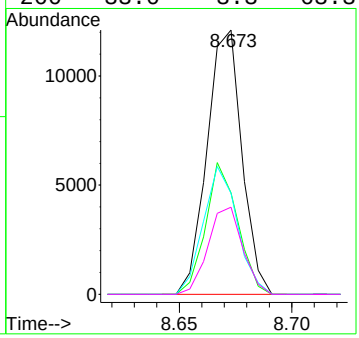


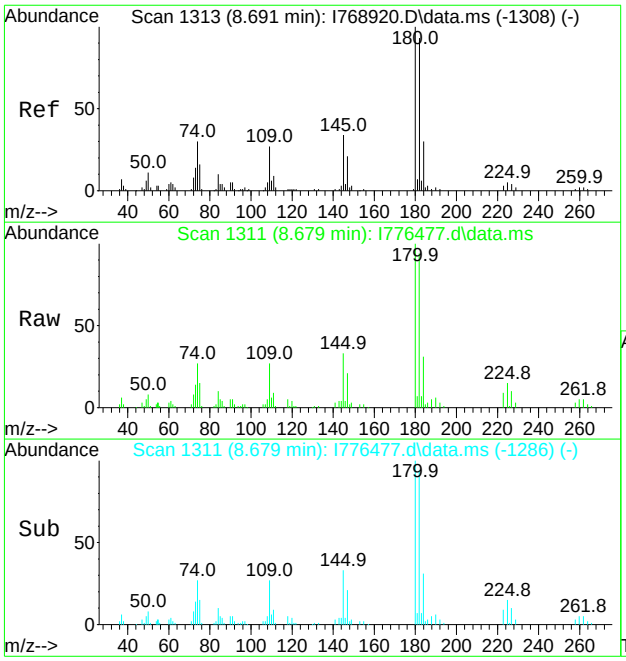


#109
Hexachlorobutadiene
Concen: 22.6590 ug/L
RT: 8.673 min Scan# 1310
Delta R.T. -0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:225 Resp: 13114

Ion	Ratio	Lower	Upper
225	100		
190	38.4	19.5	79.5
118	38.3	17.0	77.0
260	33.0	3.3	63.3

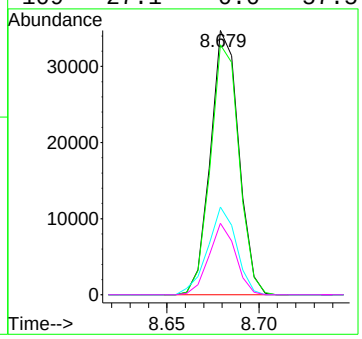


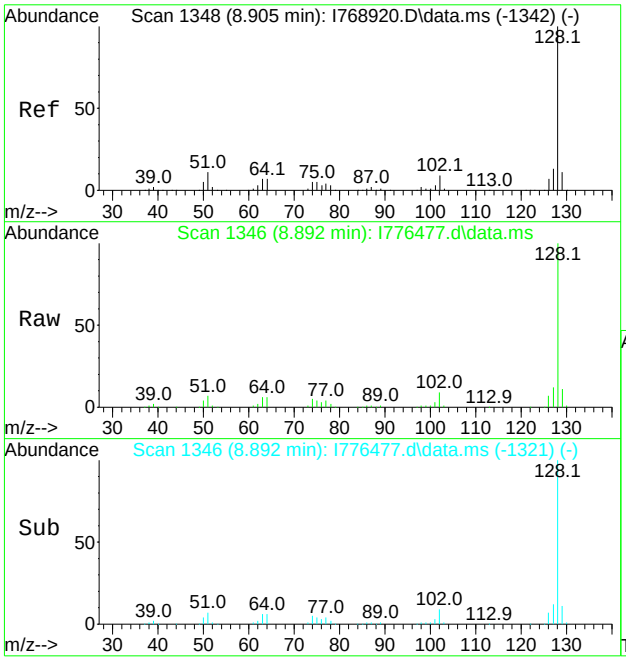


#110
1,2,4-Trichlorobenzene
Concen: 23.0053 ug/L
RT: 8.679 min Scan# 1311
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:180 Resp: 37202

Ion	Ratio	Lower	Upper
180	100		
182	94.5	63.7	123.7
145	33.2	2.8	62.8
109	27.1	0.0	57.5

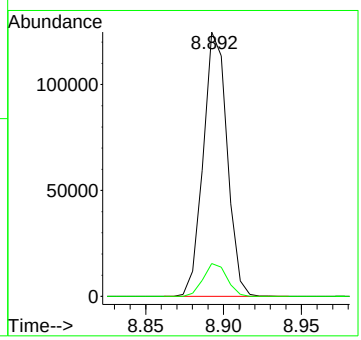


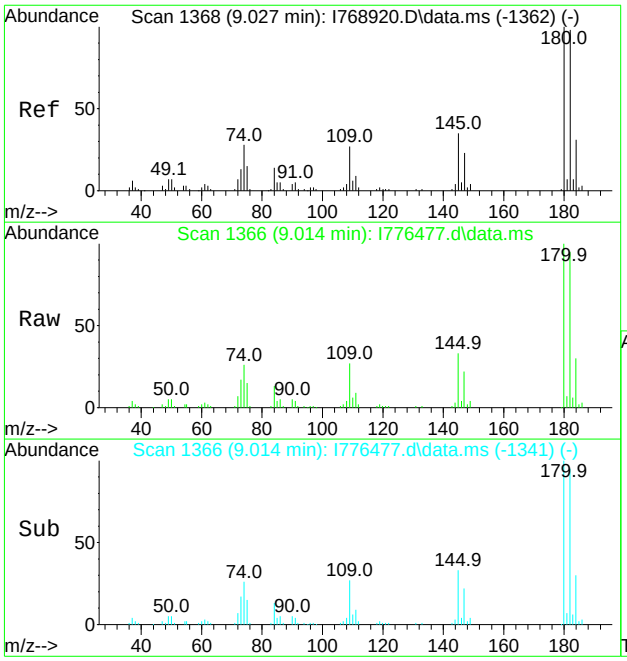


#111
Naphthalene
Concen: 22.5946 ug/L
RT: 8.892 min Scan# 1346
Delta R.T. -0.001 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:128 Resp: 132850

Ion	Ratio	Lower	Upper
128	100		
127	12.4	0.0	42.8

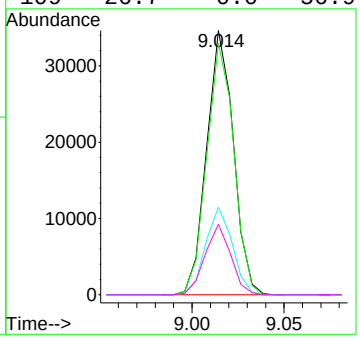




#112
1,2,3-Trichlorobenzene
Concen: 23.7455 ug/L
RT: 9.014 min Scan# 1366
Delta R.T. 0.000 min
Lab File: I776477.d
Acq: 8 Dec 2025 8:10 pm

Tgt Ion:180 Resp: 35042

Ion	Ratio	Lower	Upper
180	100		
182	95.2	68.0	128.0
145	33.2	3.8	63.8
109	26.7	0.0	56.9



Manual Integration Approval Summary

Sample Number: VI3773-ECC3738
Lab FileID: I776477.D
Injection Time: 12/08/25 20:10

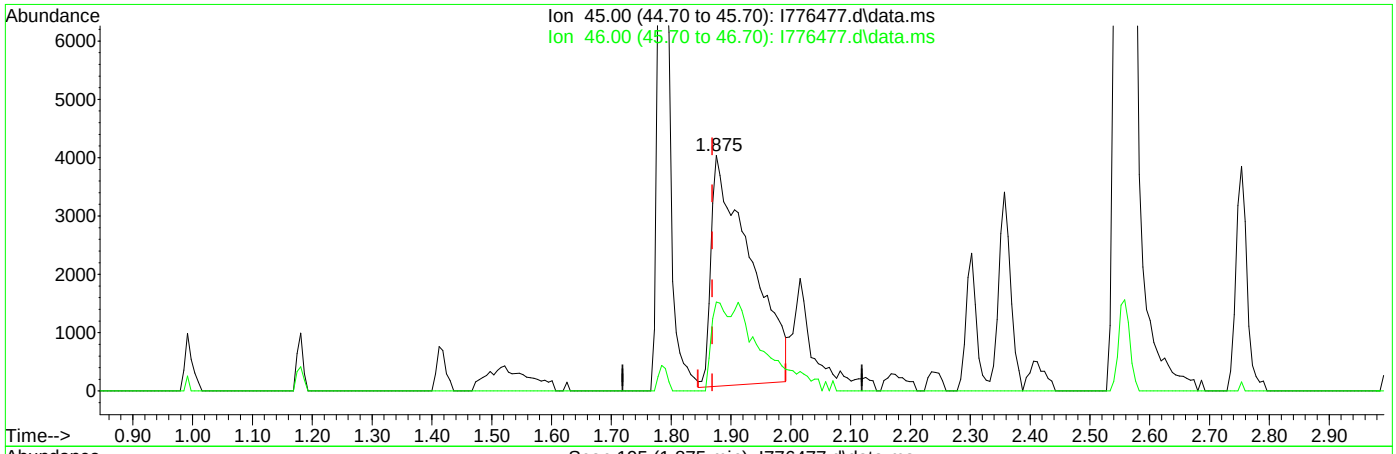
Method: SW846 8260D
Analyst approved: 12/09/25 00:51 Michaella Balido
Supervisor approved: 12/09/25 08:47 Karen Watson

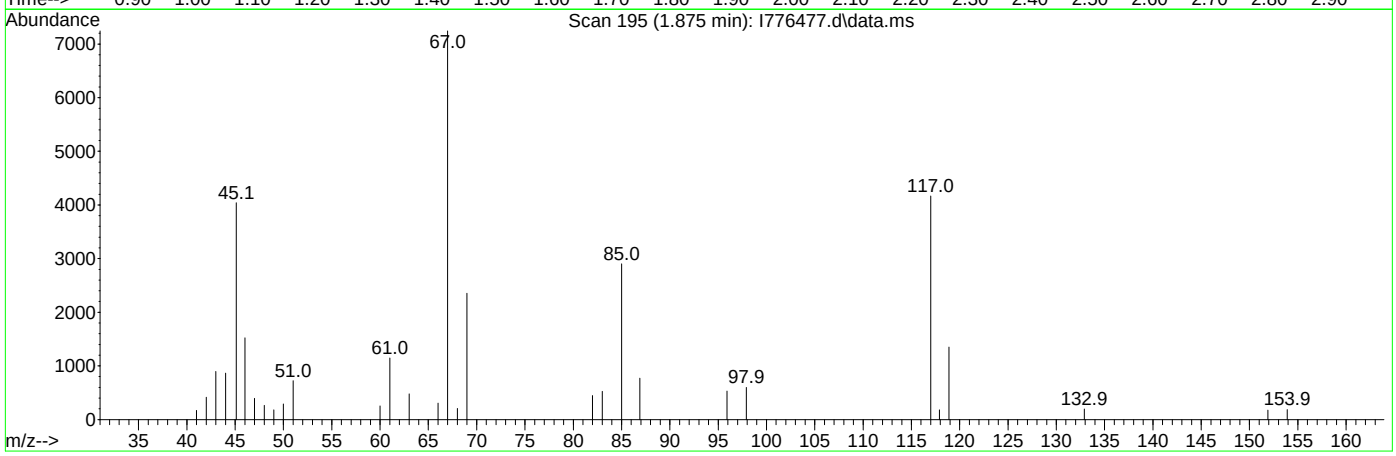
Parameter	CAS	Sig#	R.T. (min.)	Reason
Ethyl Alcohol	64-17-5		1.88	Split peak
Acetonitrile	75-05-8		2.49	Split peak
Carbon Tetrachloride	56-23-5		3.14	Split peak
1-Chlorohexane	544-10-5		5.57	Split peak
Ethylbenzene	100-41-4		5.61	Split peak

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 04:45:26 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(10) Ethanol

1.875min (+0.006) 450.82ug/L

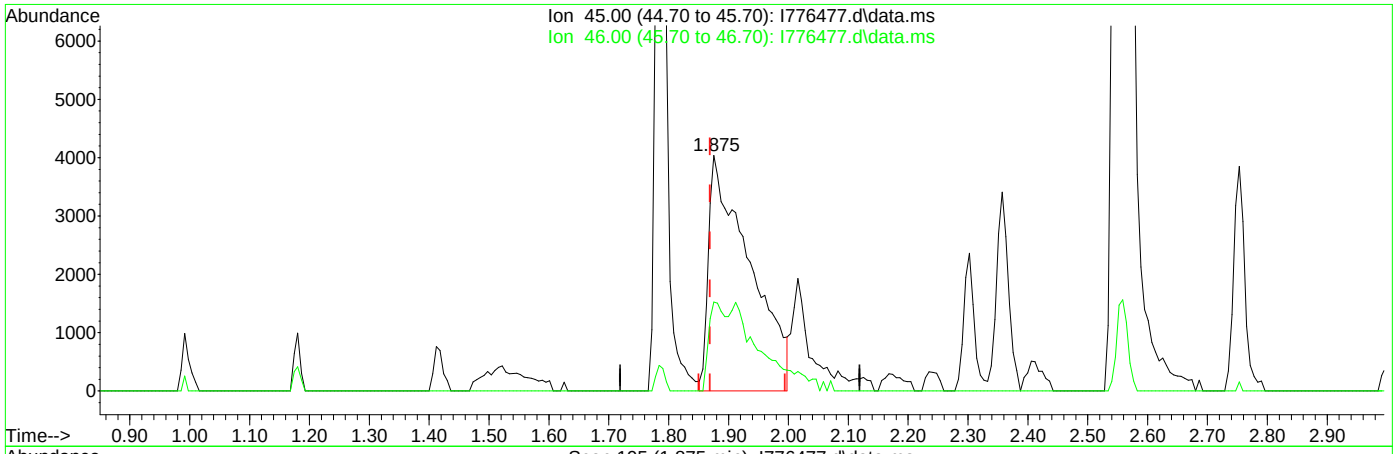
response 17868

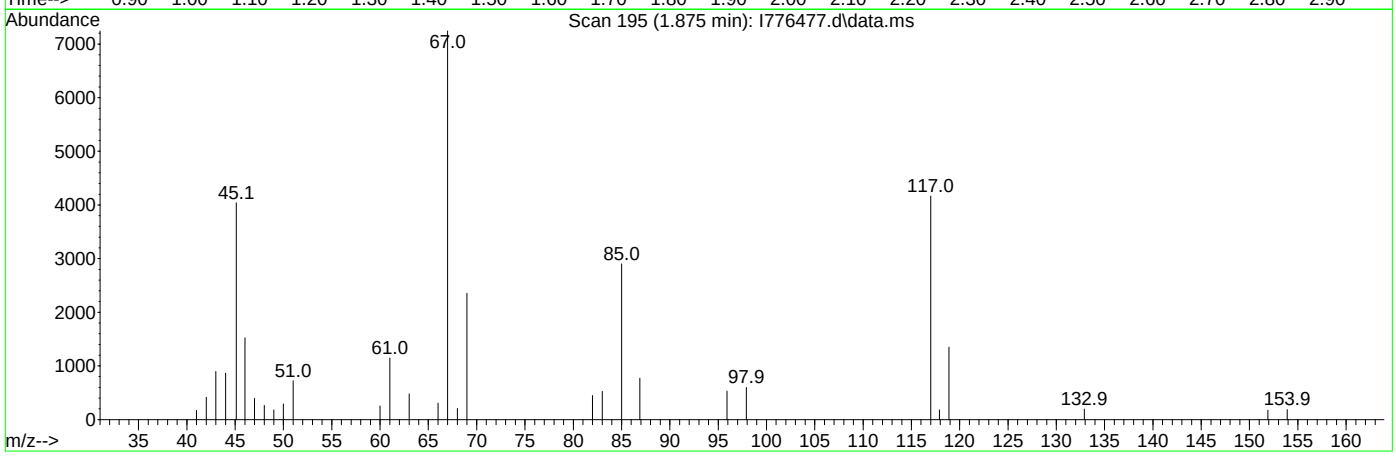
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	39.28
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 04:45:26 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(10) Ethanol

1.875min (+0.006) 491.02ug/L m

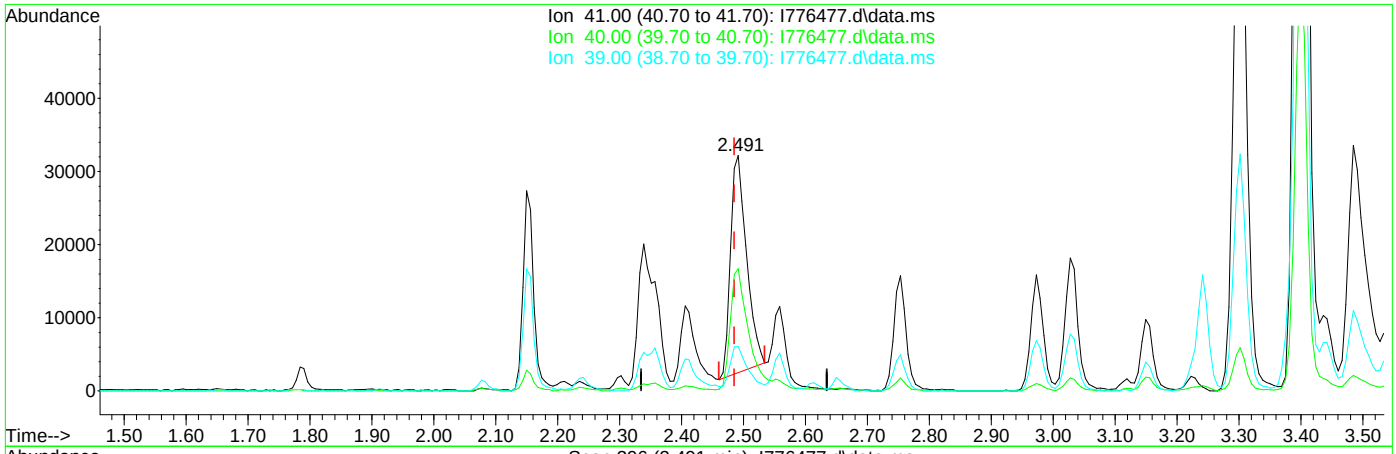
response 19103

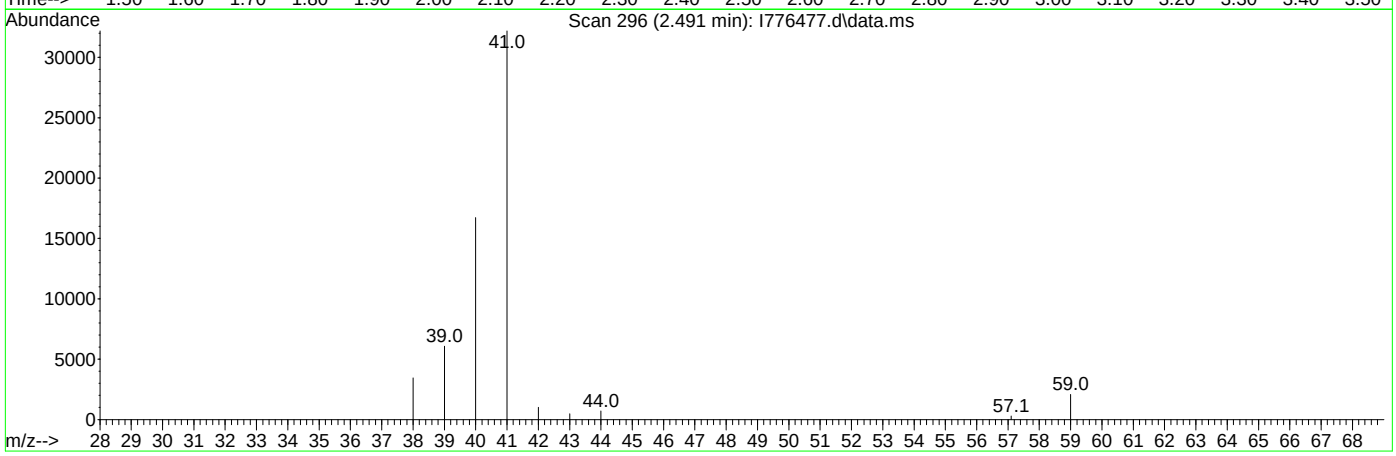
Ion	Exp%	Act%
45.00	100	100
46.00	39.30	37.71
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(24) Acetonitrile

2.491min (+0.006) 179.93ug/L

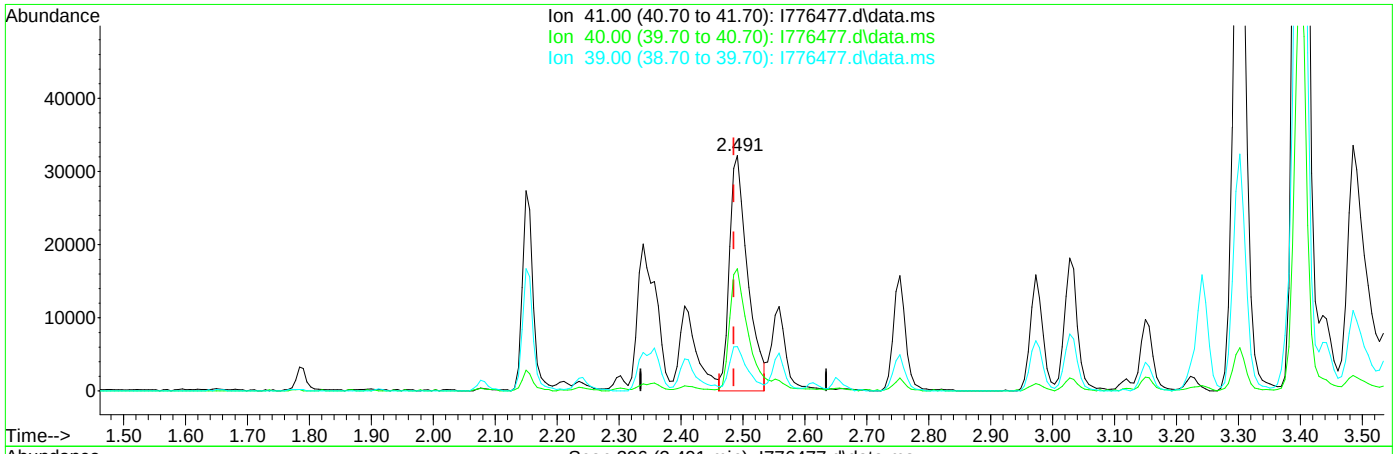
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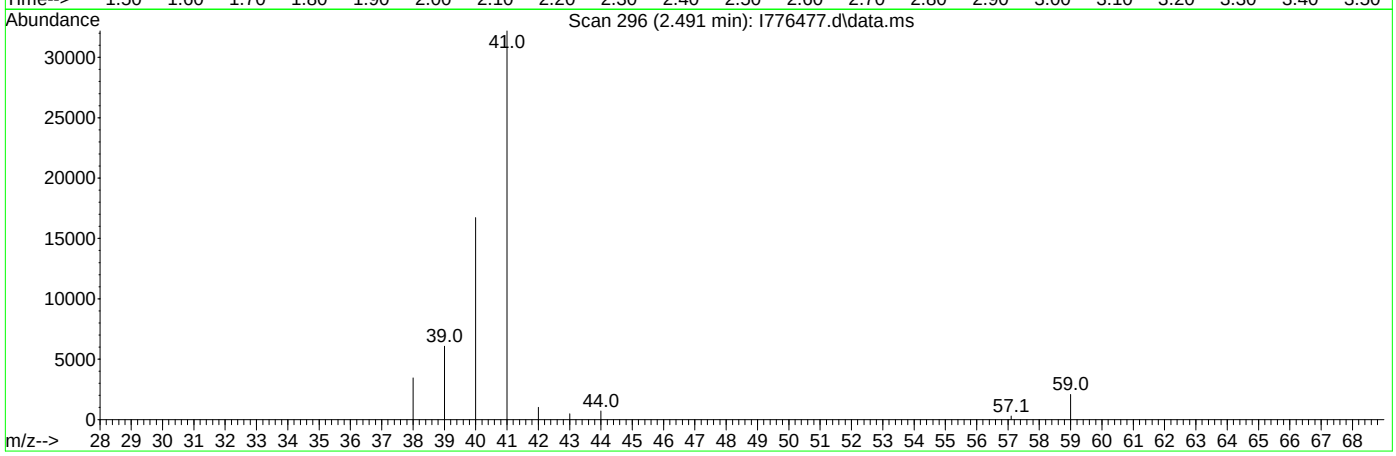
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	53.74
39.00	21.50	17.92
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(24) Acetonitrile

2.491min (+0.006) 226.30ug/L m

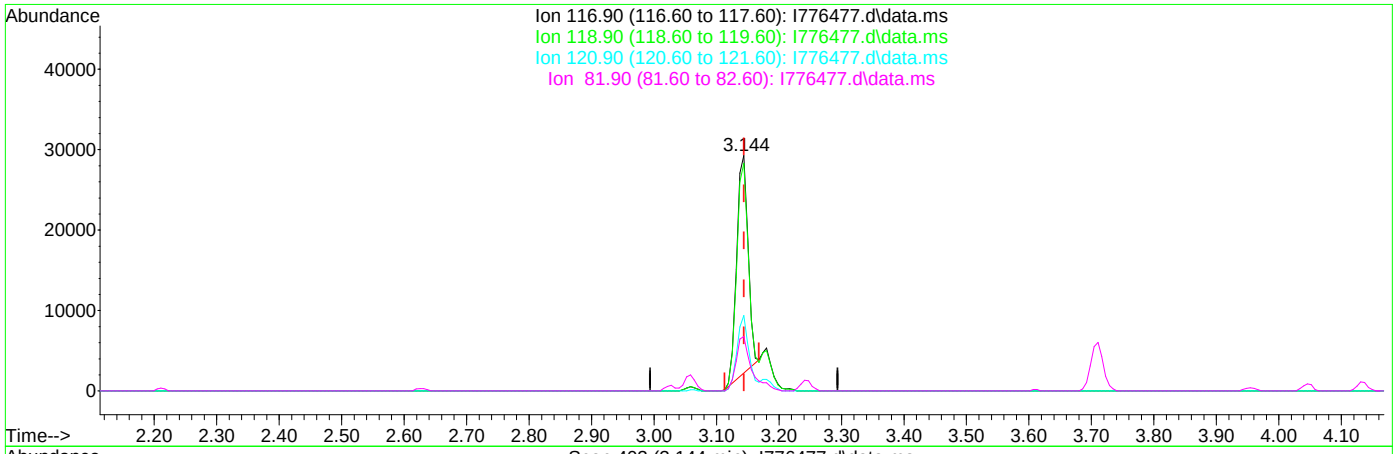
response 65505

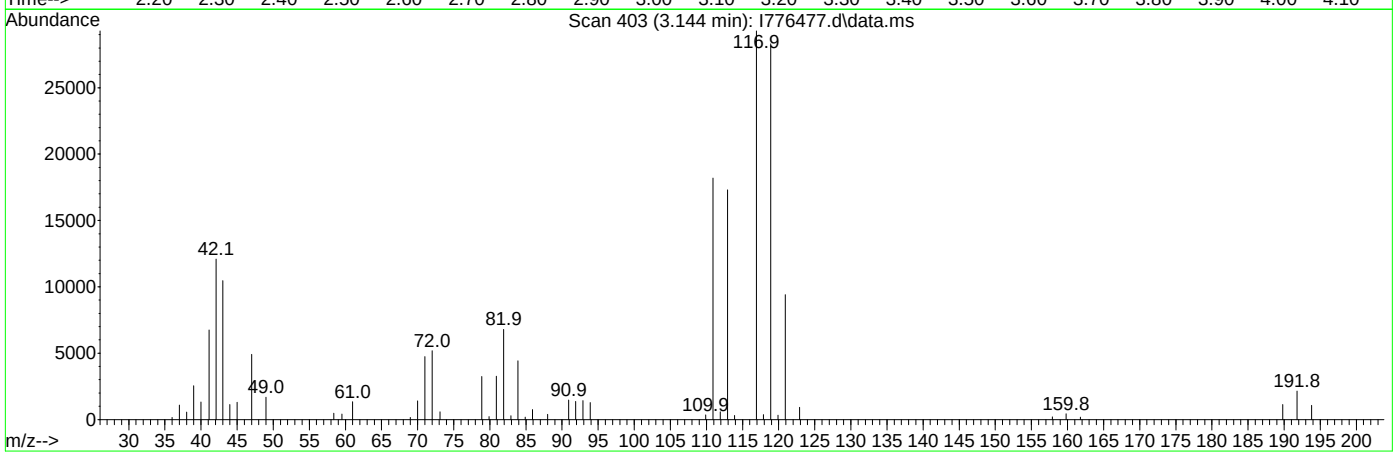
Ion	Exp%	Act%
41.00	100	100
40.00	52.60	51.95
39.00	21.50	18.85
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 17.15ug/L

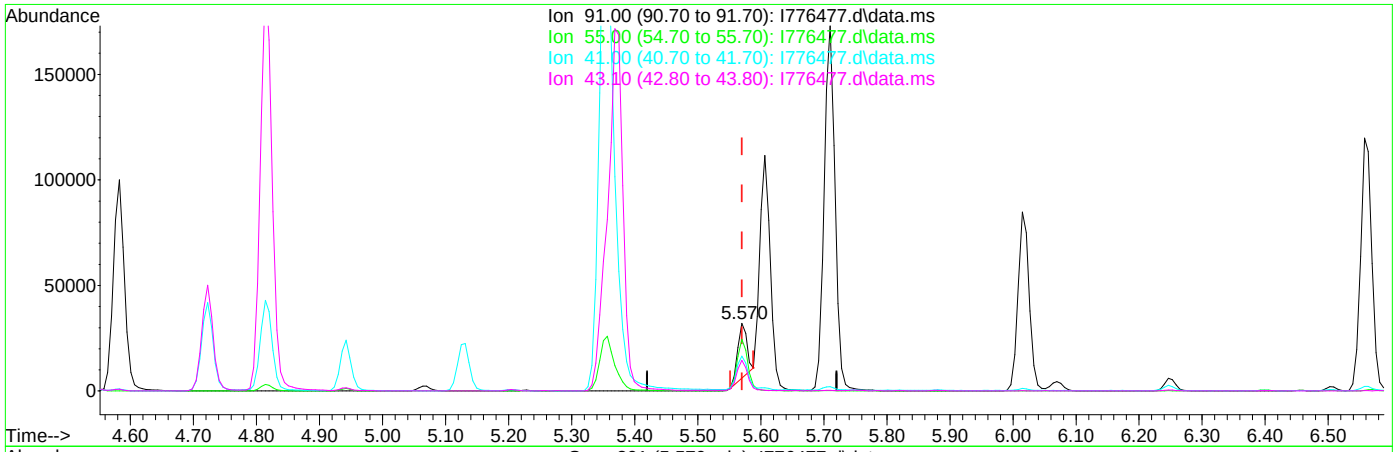
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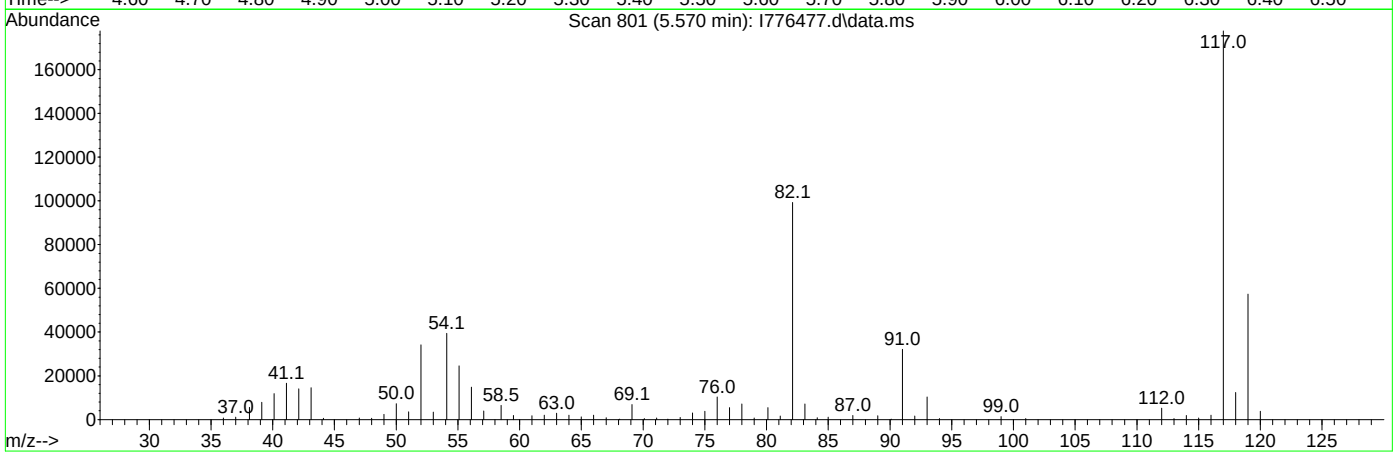
Ion	Exp%	Act%
116.90	100	100
118.90	98.10	97.18
120.90	31.70	32.28
81.90	26.00	23.28

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 14.66ug/L

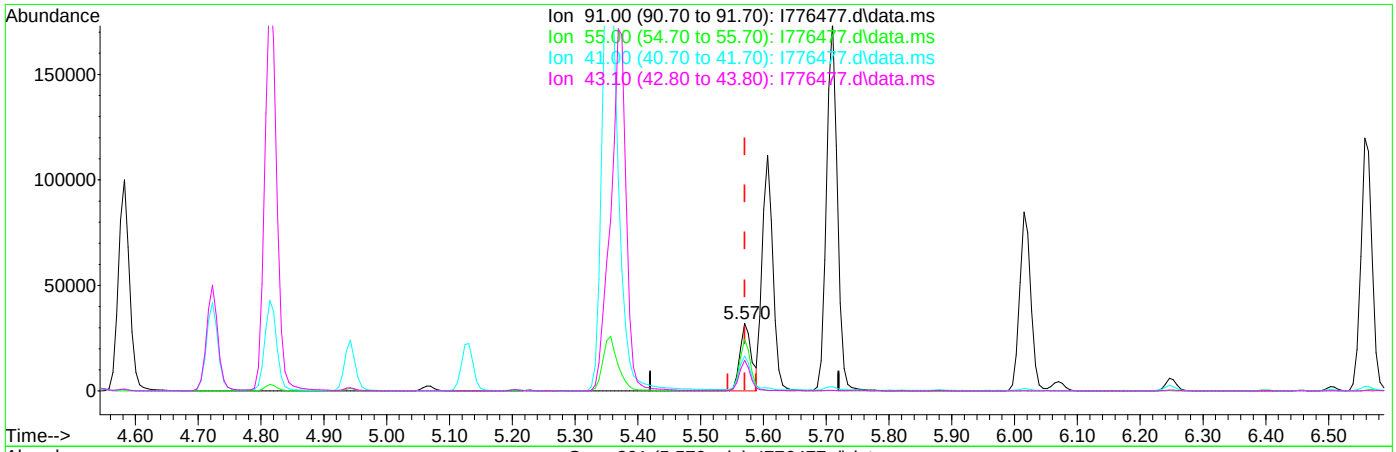
response 27915

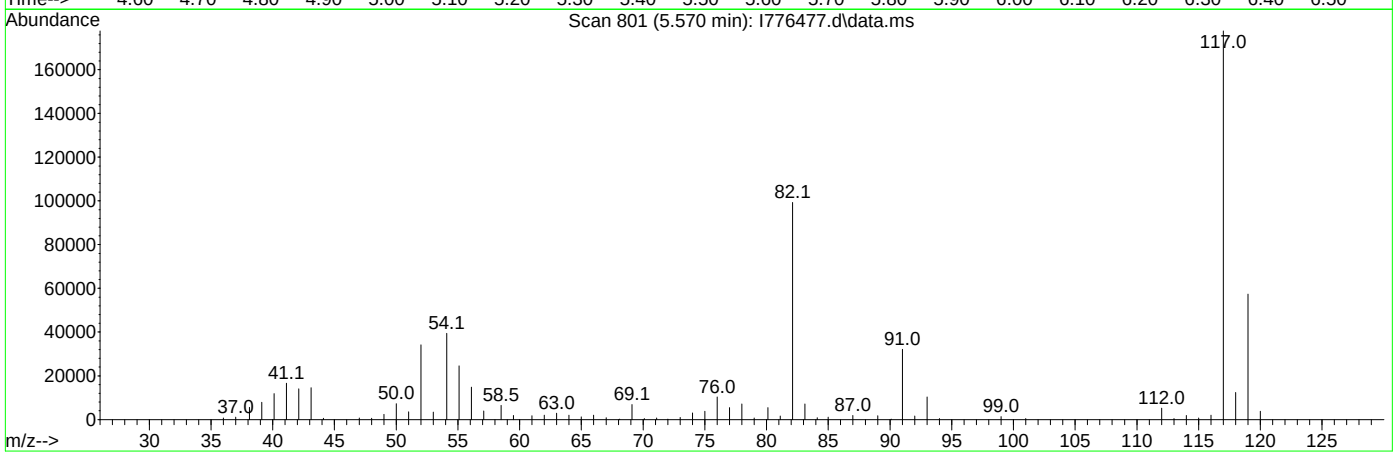
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	74.68
41.00	47.90	48.32
43.10	37.40	44.23

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(76) 1-Chlorohexane

5.570min (-0.000) 21.68ug/L m

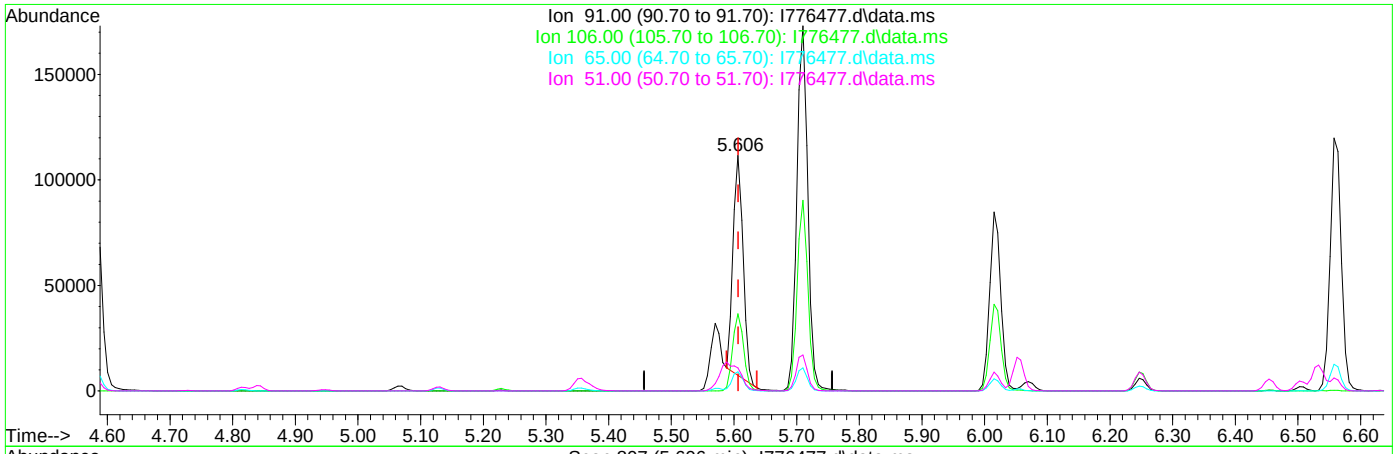
response 41286

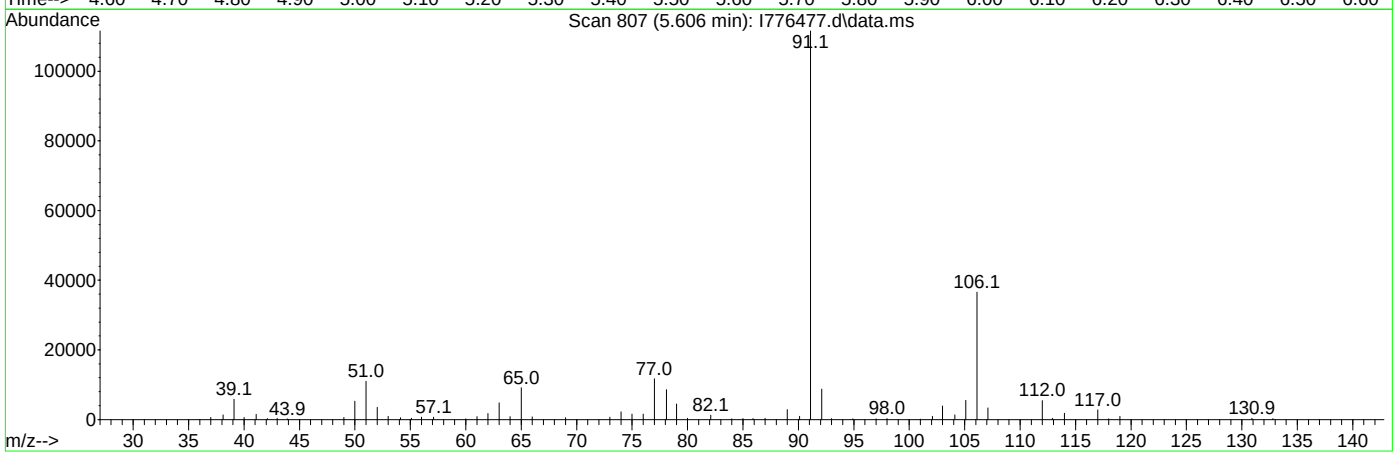
Ion	Exp%	Act%
91.00	100	100
55.00	61.10	76.32
41.00	47.90	51.66
43.10	37.40	45.52

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(77) Ethylbenzene

5.606min (-0.001) 18.32ug/L

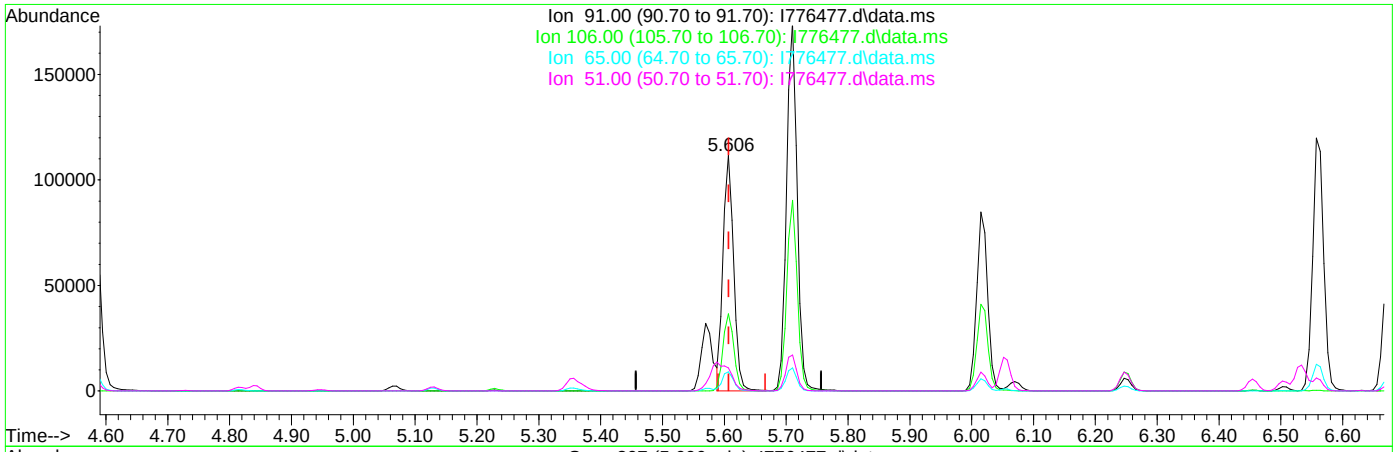
response 114216

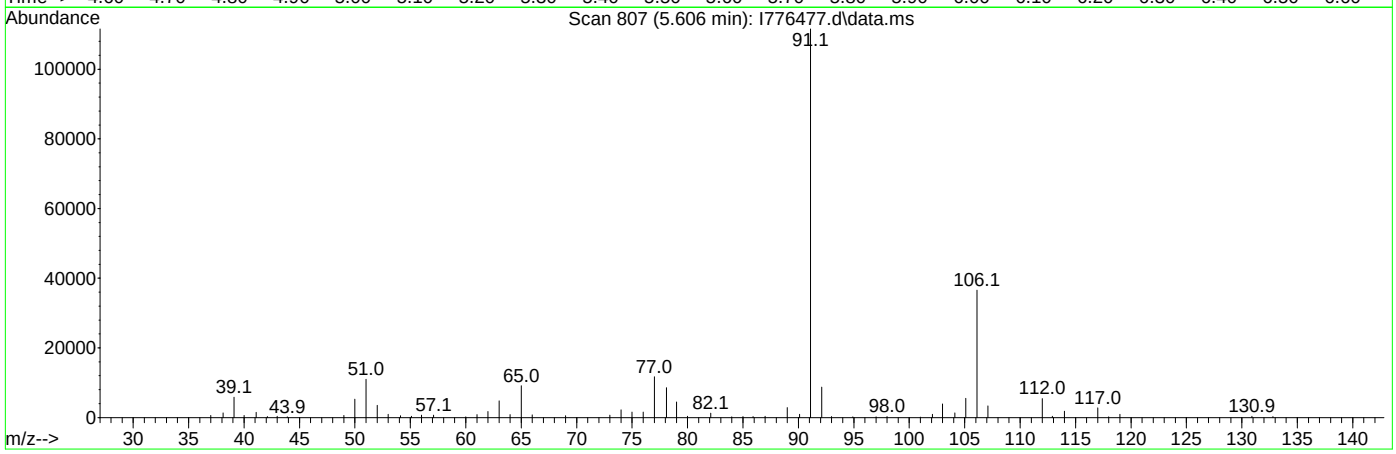
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.78
65.00	8.60	8.12
51.00	10.50	9.59

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:43:37 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(77) Ethylbenzene

5.606min (-0.001) 21.35ug/L m

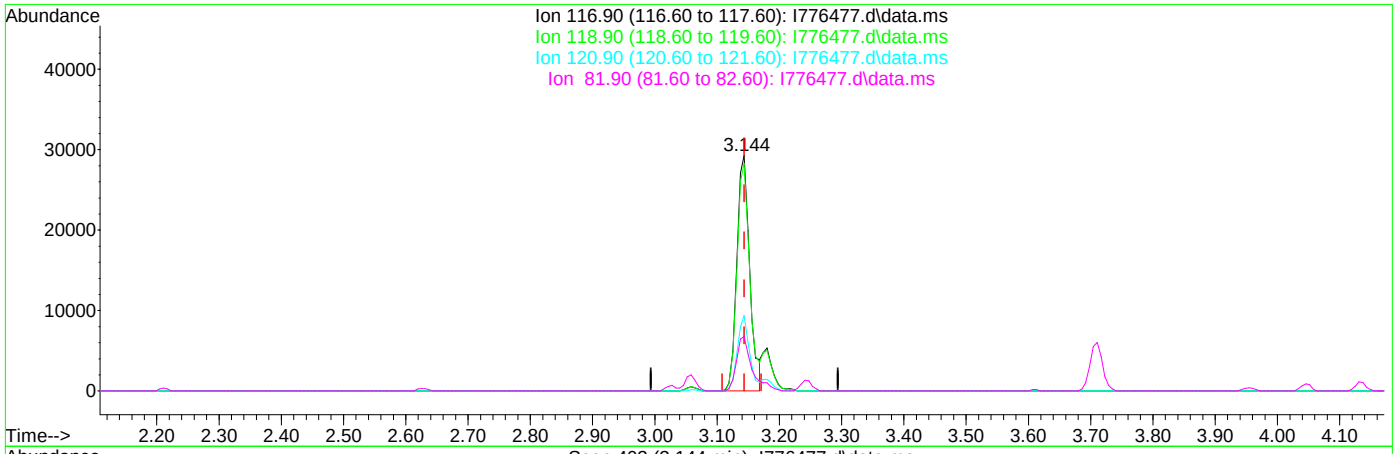
response 133156

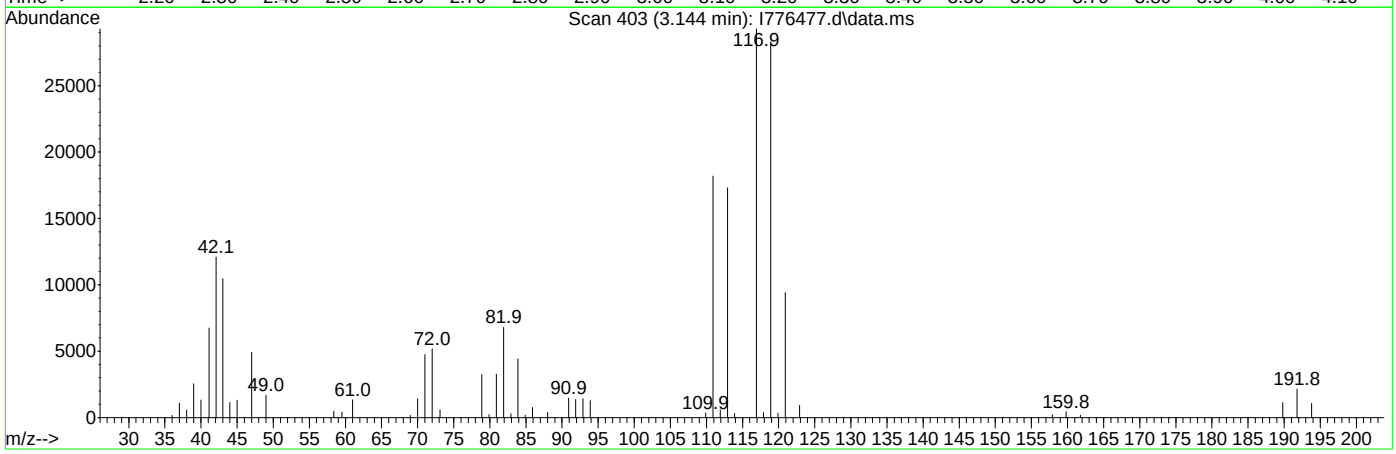
Ion	Exp%	Act%
91.00	100	100
106.00	30.90	32.79
65.00	8.60	8.20
51.00	10.50	9.86

Quantitation Report (Qedit)

Data Path : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3773\
Data File : I776477.d
Acq On : 8 Dec 2025 8:10 pm
Operator : davidw
Sample : ECC3738-4 Inst : VOA16-MSI
Misc : MS60617,VI3773,,,,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 09 05:45:03 2025
Quant Method : R:\GBS Manila Data Validator\VOA GCMS\michaellab\12-09-2025\VI3773\VI3738_11062025
... .M
Quant Title : SW-846 Method 5035A/8260D
QLast Update : Thu Nov 06 14:25:20 2025
Response via : Initial Calibration





TIC: I776477.d\data.ms

(40) Carbon Tetrachloride ( )

3.144min (-0.000) 20.39ug/L m

response 41796

Ion	Exp%	Act%
116.90	100	100
118.90	98.10	96.67
120.90	31.70	32.11
81.90	26.00	23.16

SGS -ORLANDO **VOA-GCMS ANALYSIS LOG**

Instrument:	MSVOA-16I
Date:	11/06/2025
Analyst:	Jenifer W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3738_11062025
Calibration Date:	11/06/2025
Acq. Method:	VI_8260
EM Voltage:	1118V
Run ID:	**VI3738**

BFB:	VS5162
ICAL/CC:	VS5235, VS5243, VS5226
VS5244, VS5239, VS5237,VS5260,,	
ICV/BS:	VS5245, VS5177, VS5238
VS5219, VS5227, VS5253,	
ISTD/Surr.:	VS5162

pH Paper Lot#:	226823
KI Paper Lot#:	14-860 01/06/2025
AFA Lot#:	VS5242
Data processed by:	Jenifer W
Sample ID Ver. by:	Jenifer W
Date Verified:	11/06/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	CI? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I775577	BFB	-	-	Water	1	-	-	-	-	Autofind tune passed✓
I775578	IC3738-1	-	-	Water	2	-	-	-	-	1uL→100mL w/ 273uL MeOH MP#94,104 PBL#40,76,77✓
I775579	IC3738-8	-	-	Water	3	-	-	-	-	2uL→100mL w/ 264uL MeOH MP#104 PBL#24,40,76,77✓
I775580	IC3738-2	-	-	Water	4	-	-	-	-	5uL→100mL w/ 245uL MeOH MP#104 PBL#10,24,40,76,77✓
I775581	IC3738-3	-	-	Water	5	-	-	-	-	10uL→100mL w/ 210uL MeOH PBL#10,24,40,76,77; Possible prep error
I775582	IC3738-4	-	-	Water	6	-	-	-	-	25uL→100mL w/ 105uL MeOH PBL#10,24,40,76,77; Possible prep error
I775583	ICC3738-5	-	-	Water	7	-	-	-	-	40uL→100mL PBL#10,24,40,76,77✓
I775584	IC3738-6	-	-	Water	8	-	-	-	-	70uL→100mL
I775585	IC3738-7	-	-	Water	9	-	-	-	-	100uL→100mL
I775586	rinse	-	-	Water	10	-	-	-	-	
I775587	IC3738-3	-	-	Water	11	-	-	-	-	5uL→100mL w/ 245uL MeOH MP#104 PBL#10,24,40,76,77✓
I775588	IC3738-4	-	-	Water	12	-	-	-	-	10uL→100mL w/ 210uL MeOH PBL#10,24,40,76,77✓
I775589	ICV3738-5	-	-	Water	13	-	-	-	-	40uL→100mL PBL#10,24,40,76,77✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous LIquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument

SGS -ORLANDO

VOA-GCMS ANALYSIS LOG

Instrument:	MSVOA-16I
Date:	12/08/2025
Analyst:	David W
Column Type	RTXVMS
Detector	5975C MSD
Purge Pressure	1.3 psi
Purge Volume	5mL

Method(s):	VMS8260
Method File:	VI3738_11062025
Calibration Date:	11/06/2025
Acq. Method:	VI_8260
EM Voltage:	1118V
Run ID:	**VI3773**

BFB:	VS5290
ICAL/CC:	VS5271, VS5281, VS5325A
VS5329, VS5274, VS5326,VS5327,,	
ICV/BS:	VS5323, VS5313, VS5314
VS5330, VS5316, VS5328,	
ISTD/Surr.:	VS5290

pH Paper Lot#:	226823
KI Paper Lot#:	14-860 01/06/2025
AFA Lot#:	VS5242
Data processed by:	MichaellaB.
Sample ID Ver. by:	David W
Date Verified:	12/08/2025

Data File	Sample ID	Dilution Factor	Vial #	Matrix	A.S. Pos.	Work Group	pH	Cl? (Y/N)	RR	Comments and Manually Integrated Peaks (Peak # and Rational)
I776449	BFB	-	-	Water	1	-	-	-	-	Autofind tune passed✓
I776450	CC3738-4	-	-	Water	2	-	-	-	-	25uL→100mL w/ 100uL MeOH PBL#10,24,40,76,77✓
I776451	BS	-	-	Water	3	-	-	-	-	25uL→100mL w/ 100uL MeOH PBL#10,24,40,76,77✓
I776452	rinse	-	-	Water	4	-	-	-	-	
I776453	MB	-	-	Water	5	-	-	-	-	AFA, ND✓
I776454	CC3738-1	-	-	Water	6	-	-	-	-	1uL→100mL ✓
I776455	FC29756-8	-	1	Water	7	MS60617	1	N	-	ND✓
I776456	FC29756-1	-	1	Water	8	MS60617	1	N	-	ND✓
I776457	FC29756-2	-	1	Water	9	MS60617	1	N	-	AFA, ✓
I776458	FC29756-3	-	1	Water	10	MS60617	1	N	-	ND✓
I776459	FC29756-4	-	1	Water	11	MS60617	1	N	-	ND✓
I776460	FC29756-5	-	1	Water	12	MS60617	1	N	-	✓
I776461	FC29756-6	-	1	Water	13	MS60617	1	N	-	✓
I776462	FC29756-7	-	1	Water	14	MS60617	1	N	-	AFA, ND✓
I776463	FC29756-9	-	1	Water	15	MS60617	1	N	-	✓
I776464	FC29756-10	-	1	Water	16	MS60617	1	N	-	✓
I776465	FC29756-11	-	1	Water	17	MS60617	1	N	-	✓
I776466	FC29756-12	-	1	Water	18	MS60617	1	N	-	✓
I776467	FC29756-13	-	1	Water	19	MS60617	1	N	-	✓
I776468	FC29756-14	-	1	Water	20	MS60617	1	N	-	ND✓
I776469	FC29701-1	2.5X	2	Water	21	MS60617	1	N	-	20mL→50mL ✓
I776470	FC29701-2	5X	2	Water	22	MS60617	1	N	-	10mL→50mL ✓
I776471	FC29701-3	5X	2	Water	23	MS60617	1	N	-	10mL→50mL ✓
I776472	FC29701-4	2.5X	2	Water	24	MS60617	1	N	-	20mL→50mL ✓
I776473	FC29701-5	2.5X	2	Water	25	MS60617	1	N	-	20mL→50mL ✓
I776474	FC29701-6	2.5X	2	Water	26	MS60617	1	N	-	20mL→50mL ✓
I776475	FC29756-8MS	-	2	Water	27	MS60617	1	N	-	Spiked 10uL→40mL ✓
I776476	FC29756-8MSD	-	3	Water	28	MS60617	1	N	-	Spiked 10uL→40mL ✓
I776477	ECC3738-4	-	-	Water	29	-	-	-	-	25uL→100mL w/ 100uL MeOH PBL#10,24,40,76,77✓

Matrix: Designate "W" for Water "S" for soil, "O" for Oil, "Liq" for Non-aquous Liquid, and "TCLP" or "SPLP" for Leachate
Manual Integration Rational SOP QA029: MP Missed Peak, OP Overlapping Peak, SP Split Peak, PDB Poorly Defined Baseline, BR Baseline Ripple, PII Poor Instrument