VERINA Engineering, P.C.

2025 PERIODIC REVIEW REPORT

FORMER BINGHAMTON PLASTICS FACILITY
BINGHAMTON, NEW YORK
NYSDEC SITE NO. 7-04-024



Verina Engineering, P.C.
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January 2026

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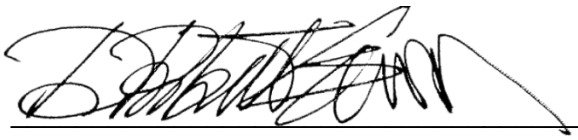
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CERTIFICATION

I, D. Robert Gan, Ph.D, P.E. , certify that I am a NYS registered professional engineer and that this Periodic Review Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with DER Technical Guidance for Site Investigation (DER-10) and DER Green Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and DER-approved modifications.





D. Robert Gan, Ph.D., P.E.
NYS Professional Engineer License # 080825

INTRODUCTION

On behalf of Dover Corporation (Dover), Verina Engineering, PC (VERINA) has prepared this Periodic Review Report (PRR) to summarize the site activities implemented in 2025 at the former Binghamton Plastics site in Binghamton, Broome County, New York, New York State Department of Conservation (NYSDEC) Site No. 7-04-024.

The remedial activities implemented in 2025 include:

- Monthly injections of permanganate into groundwater;
- Semi-annual groundwater monitoring and sampling; and
- Monthly monitoring of the Active Sub-Slab Depressurization (ASD) System.

The project was implemented in accordance with the executed Order on Consent between Dover and the New York State of Environmental Conservation (NYSDEC), dated January 19, 2001, and the NYSDEC-approved Site Management Plan (SMP), dated April 14, 2017. The 2025 activities corresponded with the conclusions and recommendations of the 2024 PRR and the comments and requests from NYSDEC in its March 13, 2025, PRR Acceptance Letter.

SITE HISTORY AND BACKGROUND

The former Binghamton Plastics site is located at 498 Conklin Avenue in Binghamton, Broome County, New York. The developed portion of the site property occupies approximately two acres and consists of a one-story industrial building (approximately 44,800 square feet [ft^2]) with associated parking, landscaping, and storage areas. The site is located in a combined industrial and residential setting. **Figure 1** is the regional site location map. A site map is presented on **Figure 2**.

Binghamton Plastics operated the facility until the early 1980s when Universal Instruments Corporation (UIC), a former subsidiary of Dover, purchased the property and converted the facility into a circuit board manufacturing plant. UIC operated the facility until it was taken over by Dover Electronics Corporation in the late 1980s. Manufacturing activities ceased at the site in the early 1990s. In 1993 Dover Electronics was separated from Dover and re-named Dovatron, Inc. In 1996, Dovatron, Inc. changed its name to DII Group.

In the early 1990s, the property was transferred to Flextronics International, Inc. but UIC retained responsibilities for the remediation of pre-existing environmental conditions. From the early 1990s until August 2001, the facility was leased to and used by McIntosh Laboratories for electronics repair operations. The site was then sold to TeamWorld, Inc., and the building is now used for silk screening, embroidery, packaging of clothing, and storage.

REMEDIAL STRATEGIES

Remedial actions were implemented following the approval of the Remedial Design (RD) Package (BBL 2002) by the NYSDEC on June 29, 2002. The remedial action consisted of excavating the main source areas of constituents of concern (COCs) within the perched groundwater zone. Excavation and groundwater extraction activities were conducted to remove residual

contamination in the form of phase-separated hydrocarbons (PSH), adsorbed volatile organic compounds (VOCs), and impacted groundwater. Groundwater that drained from the excavated perched-zone soil during the remedial action or that accumulated in the open excavations was removed for offsite treatment and disposal.

Since 2004, the groundwater monitoring program has been implemented to assess the effectiveness of the remedial action in remediating COC concentrations within the perched groundwater at the site. The groundwater monitoring program consists of a baseline groundwater monitoring event that was conducted on April 1, 2002, prior to remedial activities and subsequent post-remedial quarterly groundwater monitoring events. The groundwater monitoring frequency was reduced from a quarterly to a semi-annual basis in 2011 based on the NYSDEC approval on December 23, 2010. The groundwater monitoring frequency was again reduced from a semi-annual to an annual basis based on the NYSDEC approval letter on March 13, 2025, in response to VERINA's 2024 PRR.

Pursuant to approval from NYSDEC in its letter dated November 14, 2008, the ISCO injection program was initiated in June 2009 to further remediate the residual COCs in groundwater. The injection of sodium permanganate solution has been conducted in the upgradient monitoring wells (MW-9, MW-10, and MW-17) as well as in the source area (MW-8, MW-11, and MW-16). The injection frequency was reduced from quarterly to semi-annual basis in 2011 but returned to a quarterly injection schedule in 2012. Additionally, one direct-push injection event within the plume area was conducted at the site in May 2013. Based upon a comparison of the March and September 2017 groundwater data, elevated levels of COCs in groundwater were still observed within several site monitoring wells and therefore VERINA continued the quarterly manual injection schedule in 2018. With NYSDEC's approval, the sodium permanganate injections were suspended in 2019 due to the decreases observed in COC concentrations since the remedial action was implemented in June 2009. Then, starting in March 2022, monthly sodium permanganate injections were reinstated for the site per NYSDEC request.

In accordance with the 2012 Remedial Design Work Plan - Active Sub-slab Depressurization (ASD) System (VERINA 2012), an ASD system was installed at the site in July 2012 to mitigate the degradation of indoor air quality at the site. Monthly inspections of the ASD system were implemented since its full-time operation in July 2012.

The Declaration of Covenants and Restrictions for the property was recorded with the Broome County, State of New York on February 24, 2017. The SMP, dated April 14, 2017, was submitted to NYSDEC. The NYSDEC subsequently used an e-mail notification as the approval of the SMP on December 4, 2019.

2025 GROUNDWATER REMEDIATION AND MONITORING PROGRAM

GROUNDWATER REMEDIATION

VERINA continued the ISCO remediation program at the site in 2025 via manual injections. Manual inspections and injections occurred monthly at wells MW-8, MW-9, MW-10, MW-11, MW-16 and MW-17 utilizing a 10% sodium permanganate solution, as needed. The inspections consisted of conducting groundwater color assessments at the wells mentioned above, prior to injections. Those wells which had exhibited a purple or dark pink color to their water were considered to have residual ISCO solution existing in that well and were not injected into during that monthly event, whereas those wells which had exhibited a clear or light pink water color were considered to be free of residual ISCO solution and were injected into. An approximate target volume of 5 gallons was injected into each well with a clear or light pink watercolor during the monthly injection events in 2025. A total of approximately 125 gallons of ISCO injection solution were injected at the site in 2025. The monthly manual injection log is provided in **Appendix A**.

In March 2025, the day prior to the sampling event, VERINA received the approval letter from the NYSDEC in response to the 2024 PRR submitted in January 2025. The NYSDEC agreed with VERINA"s recommendation that the sampling frequency should be reduced from semi-annually to annually in 2025, however because all items had been prepared for the event, VERINA decided to continue with the sampling event to collect additional data. During the sampling event in September 2025, the NYSDEC requested wells MW-8, MW-10, MW-16, and MW-17 also be sampled for Site COCs and 1,4-Dioxane.

GROUNDWATER MONITORING AND SAMPLING

Groundwater monitoring events were conducted semi-annually in 2025 to monitor site groundwater conditions and to assess the effectiveness of the ISCO injection program to remediate COCs at the site. The first groundwater sampling event was conducted on March 11, 2025, and the second groundwater sampling event was conducted on the 15 and 17 of September 2025.

Prior to each sampling event, the depth to groundwater was measured from all accessible monitoring wells (DMW-3, DMW-4, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-13, MW-14, MW-16, MW-17, and TMP-A) on site and recorded on VERINA's groundwater gauging logs in order to establish groundwater elevations and groundwater flow direction at the site.

Water level measurements were taken with a water level meter equipped with a stainless-steel probe and measuring tape graduated in units of 0.01 foot. Groundwater elevation measurements from March 2025 and September 2025 are summarized in **Table 1** and **Table 2**, respectively. A map showing the perched groundwater elevation isocontours and groundwater flow direction is on **Figure 3** for the March 2025 event and on **Figure 4** for the September 2025 event.

After well gauging was completed, select monitoring wells, including MW-8, MW-9, MW-10, MW-13, MW-14, MW-16, and MW-17, were sampled in March 2025. In addition to those wells, monitoring wells DMW-3, DMW-4, MW-6, MW-7, MW-11, MW-13, MW-14, and TMP-A were also

sampled during the September 2025 sampling event. The groundwater sampling matrix showing the sampled wells for each event can be found attached as **Table 3**. Groundwater sampling was conducted using low-flow methodology and groundwater quality parameters, including pH, dissolved oxygen (DO), conductivity, temperature, turbidity, oxidation-reduction potential (ORP), and salinity, were measured via a multi-parameter water quality instrument coupled with a flow-through cell. In addition to measuring field parameters, the purged groundwater from each well was visually inspected for the presence of a purple or pink color, which would indicate the presence of un-reacted permanganate within the groundwater. A change in color of the water in the wells from dark purple to light pink (i.e., > visual concentration of 0.5 milligrams per liter [mg/L]) or clear (i.e., < visual concentration of 0.5 mg/L) indicates that the permanganate would have been consumed, diluted, or transported with groundwater.

Groundwater samples from monitoring wells that exhibited residual permanganate, as indicated by a pink or purple color of the purge water, were collected in laboratory-provided unpreserved vials pre-charged in the field with sodium thiosulfate. The sodium thiosulfate was added to neutralize the residual permanganate in the groundwater sample as it may influence the performance of the laboratory's analytical instruments. During the March 2025 sampling event, monitoring wells MW-8, MW-9, MW-16, and MW-17 exhibited residual permanganate. During the September 2025 sampling event, monitoring wells MW-8, MW-9, MW-11, MW-16, and MW-17 exhibited residual permanganate. These wells were analyzed for residual sodium permanganate concentration in the field subsequent to site-specific parameter list (SSPL) VOC sampling using a Hach® DR890 or DR2800 colorimeter. A summary of the residual sodium permanganate groundwater concentrations is presented in **Table 4**.

As part of the quality assurance/quality control (QA/QC) procedures, one trip blank, one duplicate sample, and one equipment blank sample per sampling date were also collected during each sampling event. All samples were collected in laboratory-supplied glassware, packaged on ice, and shipped to ALS Environmental (formerly Columbia Analytical Services, Inc.), of Rochester, New York (New York Laboratory Certification 10145) for analysis. All samples were analyzed for SSPL VOCs using United States Environmental Protection Agency (USEPA) Method 8260C. The SSPL VOCs analyzed for were tetrachloroethylene (PCE); trichloroethylene (TCE); 1,1,1-trichloroethane (TCA); 1,1-dichloroethane (1,1-DCA); 1,1-dichloroethene (1,1-DCE); cis-1,2-dichloroethene (cis-1,2-DCE); trans-1,2-dichloroethene (trans-1,2-DCE); and vinyl chloride (VC). In response to the 2024 PRR submitted by VERINA, NYSDEC requested select wells be analyzed for 1,4-dioxane. In the March 2025 sampling event, wells MW-8 and MW-16 were analyzed for 1,4-dioxane and in September 2025 sampling event, wells MW-8, MW-10, MW-16, and MW-17 were analyzed for 1,4-dioxane in addition to the site SSPL VOCs.

GROUNDWATER ELEVATION AND FLOW DIRECTIONS

The groundwater elevation data from March and September 2025 are summarized in **Table 1** and **Table 2**, respectively. The groundwater elevation contour map for the March and September 2025 events are provided as **Figure 3** and **Figure 4**, respectively.

The groundwater elevation contour maps indicate that the hydraulic gradient is relatively flat and the groundwater flow within the perched groundwater zone is to the north-northwest, consistent

with historical groundwater flow data. Although the groundwater flow is to the north-northwest, the hydraulic low gradient as well as the fact that the groundwater plume has not migrated from the site supports the perched groundwater conceptual site model for the site.

GROUNDWATER MONITORING ANALYTICAL RESULTS

The groundwater analytical data for the March and September 2025 monitoring events are summarized in **Table 5** and **Table 6**, respectively. The historical distribution of SSPL VOCs, including pre-full scale ISCO injection initiation sampling results, is summarized in **Table 7**. An isoconcentration map comparing the total molar concentration of PCE and its daughter products as chloride equivalents from June 2009, prior to the start of injection at the site, at the midpoint of injections in September 2018, and the plume as of September 2024 and September 2025 is presented on **Figure 5**. An isoconcentration map comparing the total molar concentration of 1,1,1-TCA and its daughter products as chloride equivalents from June 2009, prior to the start of injection at the site, at the midpoint of injections in September 2018, and the plume as of September 2024 and September 2025 is presented on **Figure 6**. A graphical depiction of the decreasing trend of TCE concentrations, the site contaminant of concern with the highest observed historic concentrations, is presented on **Figure 7**. A graphical depiction of the decreasing trend of 1,1,1-TCA concentrations, the site contaminant of concern with the highest observed historic concentrations, is presented on **Figure 8**.

The groundwater sampling field logs for both the March and September 2025 sampling events are provided in **Appendix B**. The complete laboratory data reports for the March and September groundwater sampling events are presented in **Appendix C**. The electronic data deliverables (EDDs) for each groundwater sampling event have previously been submitted to the NYSDEC.

Based on the information collected during 2025 semi-annual groundwater monitoring events, VERINA makes the following conclusions:

- In comparing the September 2025 to the June 2009 total molar concentration of PCE and its daughter products, the plume size of the highest molar concentration as chloride equivalents observed within the source zone near MW-8, MW-11 and MW-16 has decreased significantly. This indicates an overall COC mass reduction (as represented by both PCE and daughter products) within the perched groundwater beneath the site. Over 99% mass reduction of COCs in groundwater was estimated since the ISCO injection was implemented in 2009.

- In comparing the September 2024 and September 2025 contaminant concentrations and plume maps, decreases in COC concentrations were noted in most wells.

- Several COCs were detected above their respective NYSDEC groundwater quality standards in wells MW-8 and MW-16 during the March 2024 sampling event. These COCs consist of 1,1-DCA, cis-1,2-DCE, 1,1,1-TCA, TCE, and/or 1,4-dioxane.

- Several COCs were detected above their respective NYSDEC groundwater quality standards in wells MW-8, MW-10, MW-11, MW-16 and MW-17 during the September 2025 sampling event. These COCs consist of 1,1-DCA, 1,1,1-TCA, TCE, and/or 1,4-dioxane.
- PCE was not detected above its NYSDEC groundwater quality standard in any of the monitoring wells sampled in 2025.
- The continuation of sodium permanganate injections in 2025 reduced the residual COC concentrations at the site when comparing September 2024 and September 2025 sampling results.
- The COCs continue to be remediated at the site and decreasing trends are observed in all monitoring locations.

ACTIVE SUB-SLAB DEPRESSURIZATION (ASD) SYSTEM OM&M

ASD SYSTEM INSPECTIONS

In accordance with the approved 2012 Remedial Design Work Plan – Active Sub-Slab Depressurization System (VERINA 2012), an ASD system was installed at the site. This system, shown on **Figure 9**, was installed in July 2012 to serve as a mitigation measure for elevated COC concentrations (specifically PCE and TCE) detected in the indoor air at the facility. Since installation and start-up, the ASD system has been operated continuously without disruption. Two rounds of indoor air sampling were conducted following implementation of the ASD system, on December 19, 2012 and December 10, 2013.

The ASD system has been effective at reducing the indoor air concentrations of COCs when comparing the December 2012 and December 2013 indoor air sampling results to the indoor air sampling results collected in March 2009 prior to the installation of the ASD system. Since no site-specific COC concentrations in the indoor air samples exceeded the New York State Department of Health (NYSDOH)'s Indoor Air Guidance Values during the 2013 indoor air sampling event, VERINA proposed that no additional indoor air sampling events being conducted unless changes or modifications to the ASD system and/or to the building are identified during the monthly ASD system inspections in the January 2014 PRR. NYSDEC approved the PRR on August 1, 2014.

In December 2017, the ASD system fan was found to not be operating constantly but rather intermittently, which was believed to have been caused by a recent power outage of the site building. The ASD system fan was replaced on January 3, 2018 and the system has been operating continuously. VERINA collected a round of indoor air samples in March 2018 which indicated that no site-specific COC concentrations in the indoor air samples exceeded the NYSDOH's Indoor Air Guidance Values.

During 2025, monthly inspections of the ASD system were implemented. No structural changes were noted in 2025 and the ASD system operated normally month to month. The pressure gauge measurements at each of the four vapor extraction points which were collected monthly. The monthly ASD inspection logs are included as **Appendix D**.

CONCLUSIONS AND RECOMMENDATIONS

Based on the findings and conclusions of the groundwater monitoring program, field observations and ASD system OM&M results, VERINA has drawn the following conclusions:

- Based on the analytical results of the historic and current groundwater sampling events, COCs have not been detected in monitoring wells DMW-3, DMW-4, MW-6, MW-7, MW-13, MW-14, and TMP-A during several of the recent sampling events.
- A comparison of the 2025 groundwater sampling results to the historical baseline sampling results indicates that the total VOC mass in the groundwater at the site has decreased by approximately 99% since the remedial action was implemented in June 2009.
- The 2025 groundwater monitoring results indicated several COCs exceed their respective NYSDEC groundwater quality standards, including 1,1-DCA, cis-1,2-DCE, 1,1,1-TCA, TCE, and/or 1,4-dioxane in wells MW-8, MW-9, MW-10, MW-11, MW-16, and/or MW-17 during the September 2025 sampling event.
- The groundwater plume has been contained at the site and concentrations of COCs within the site groundwater plume continue to be remediated.

Based on these conclusions, we recommend the following:

- Based on observations made during the 2025 monthly injection events and groundwater monitoring event, no wells were noted to need repair or redevelopment.
- VERINA will continue monthly inspections of the ASD system in 2026.
- VERINA proposes quarterly injection events to occur in 2026, in the months of January, April, July, and October at wells MW-8, MW-9, MW-10, MW-11, MW-16 and MW-17 These monitoring wells will first have their groundwater color assessed. Those monitoring wells which exhibit a purple or dark pink color to their water will be considered to have residual ISCO solution existing in that well and will not be injected into. Those wells which exhibit a clear or light pink water color will be considered to be free of residual ISCO solution and will be injected into. VERINA will continue monthly injection well color assessments at injection wells to continue the assessment of injection chemical residence time within the site aquifer.
- VERINA will continue to assess groundwater data in 2026 to determine if additional chemical injections are needed or can be further reduced in the future.
- VERINA will conduct an annual groundwater sampling program in September 2026 as approved by the NYSDEC and samples will be collected from all on-site monitoring wells.

The next PRR documenting site activities completed for 2026 along with IC/EC Certification will be submitted to the NYSDEC in January 2027.

REFERENCES

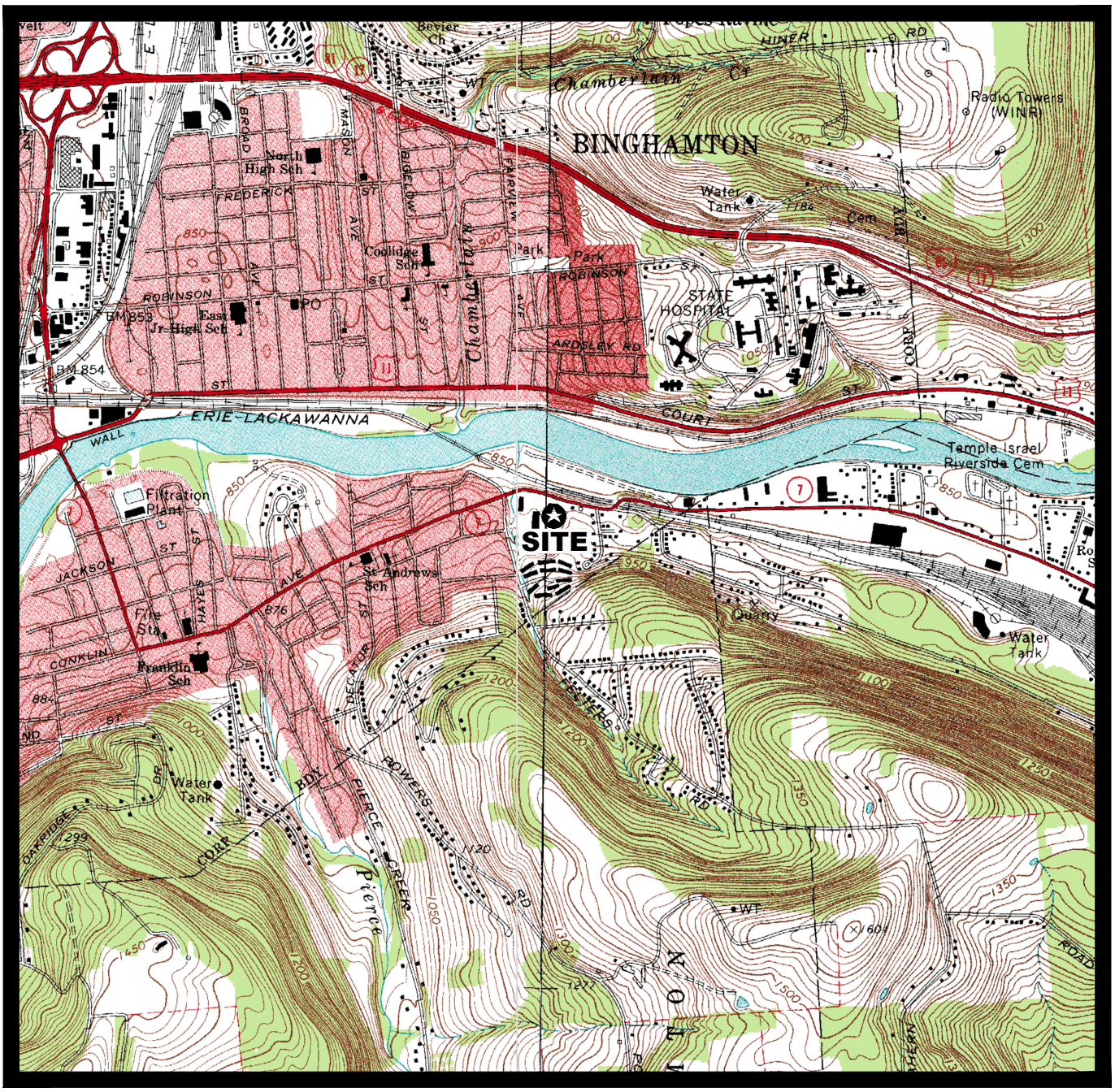
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Figures



WEST BINGHAMTON AND
EAST BINGHAMTON QUADRANGLES
7.5–MINUTE SERIES

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APPROXIMATE SCALE

FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

REGIONAL LOCATION MAP

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EXPLANATION

- MW-6 — DESIGNATION AND LOCATION OF MONITORING WELL
- TMP-B — DESIGNATION AND LOCATIONS OF REMOVED/ABANDONED WELLS
- UTILITY POLE
- UTILITY POLE W/LIGHT
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

0 40 FT.
APPROXIMATE SCALE

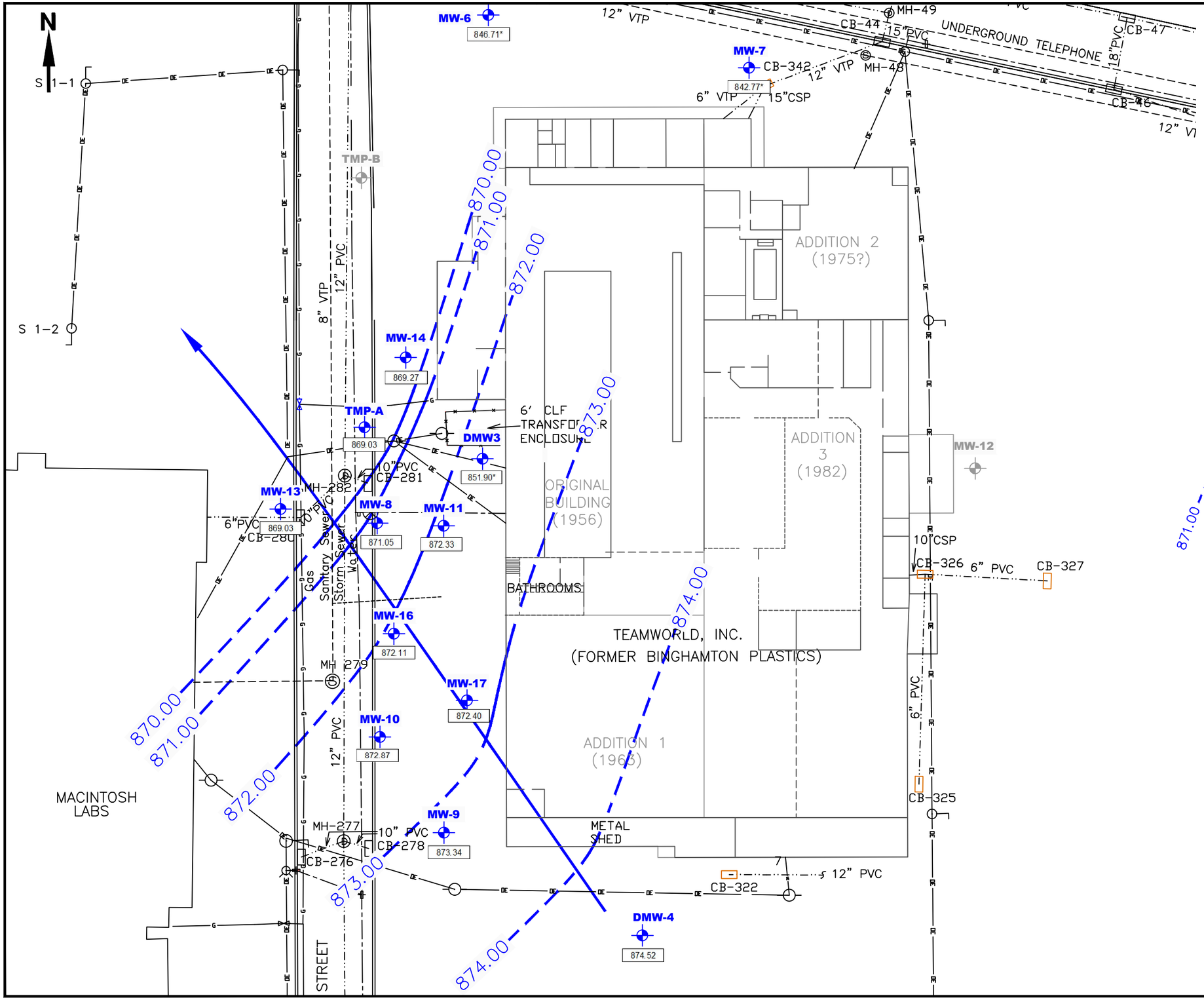
FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

SITE MAP WITH MONITORING WELL LOCATIONS

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EXPLANATION

- MW-6 — DESIGNATION AND LOCATION OF MONITORING WELL
- TMP-B — DESIGNATION AND LOCATION OF ABANDONED MONITORING WELL
- UTILITY POLE
- (FT., MSL)
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- FLOW DIRECTION
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL
- 872.40 — GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION ISOCONTOUR INTERVAL IN FT., MSL (DASHED WHERE INFERRED)

CONTOUR INTERVAL = 1.0 FT., MSL
AVERAGE HYDRAULIC GRADIENT = 0.022 FT/FT

NOTES:
1) FT. MSL = FEET, MEAN SEA LEVEL
2) NM = NOT MEASURED
3) * = NOT INCLUDED IN CALCULATION OF CONTOUR LINES

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

0 40 FT.
APPROXIMATE SCALE

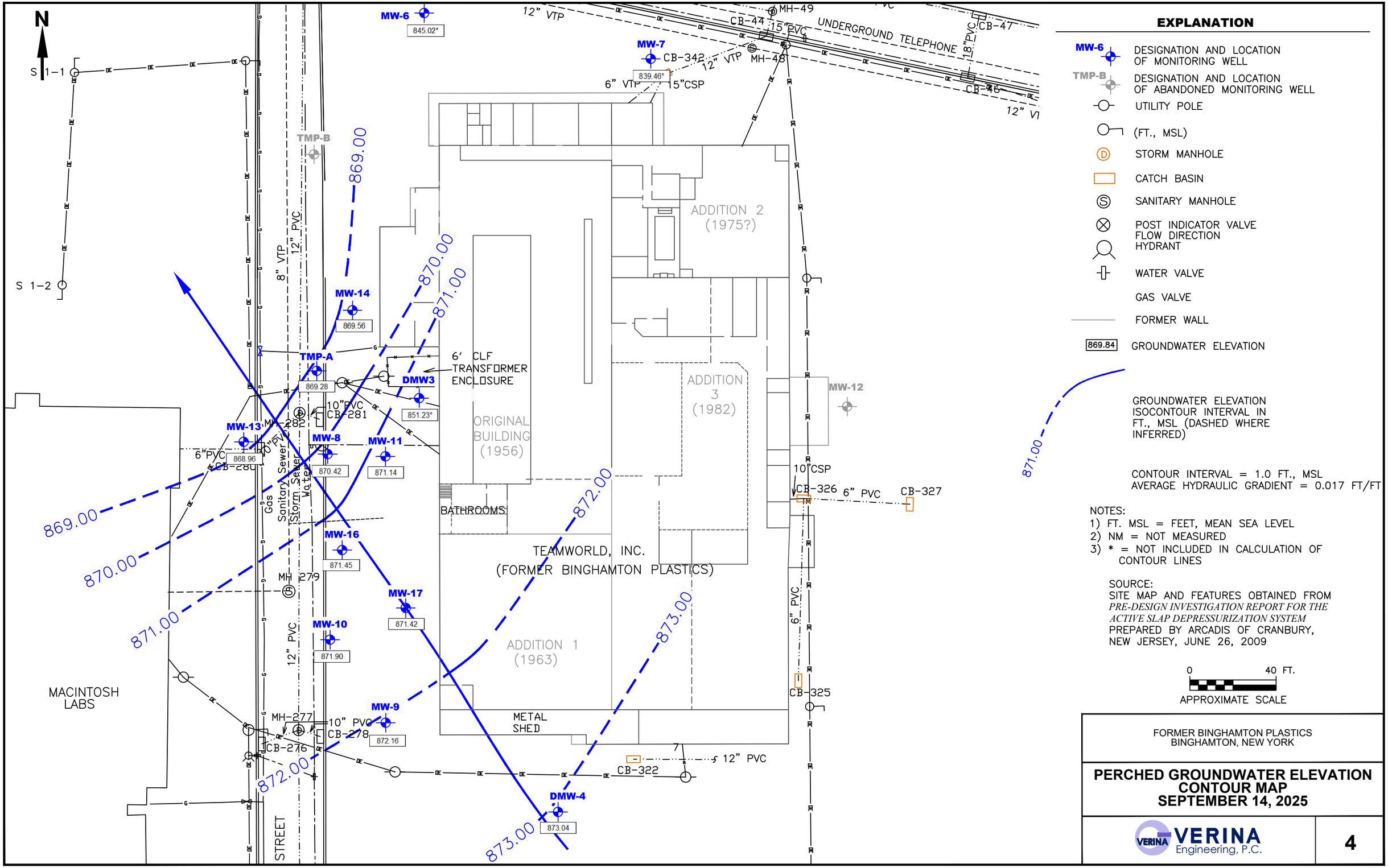
FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

PERCHED GROUNDWATER ELEVATION CONTOUR MAP MARCH 10, 2025

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EXPLANATION

- MW-6 — DESIGNATION AND LOCATION OF MONITORING WELL
- TMP-B — DESIGNATION AND LOCATION OF ABANDONED MONITORING WELL
- UTILITY POLE
- (FT., MSL)
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- FLOW DIRECTION
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL
- 869.84 — GROUNDWATER ELEVATION
- GROUNDWATER ELEVATION ISOCONTOUR INTERVAL IN FT., MSL (DASHED WHERE INFERRED)

CONTOUR INTERVAL = 1.0 FT., MSL
AVERAGE HYDRAULIC GRADIENT = 0.017 FT/FT

NOTES:
1) FT. MSL = FEET, MEAN SEA LEVEL
2) NM = NOT MEASURED
3) * = NOT INCLUDED IN CALCULATION OF CONTOUR LINES

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

0 40 FT.
APPROXIMATE SCALE

FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

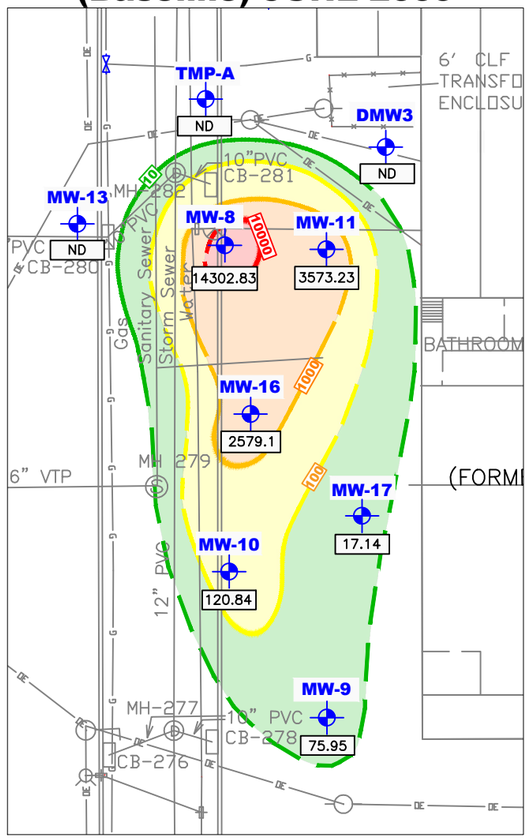
PERCHED GROUNDWATER ELEVATION CONTOUR MAP SEPTEMBER 14, 2025

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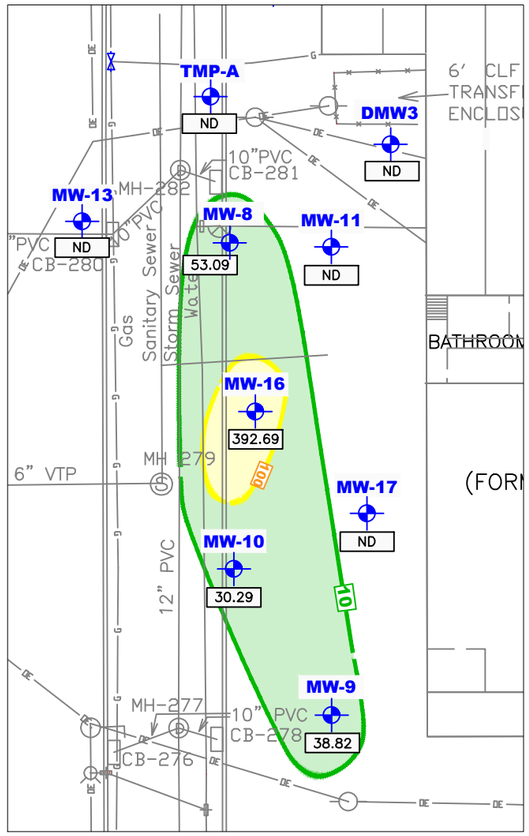
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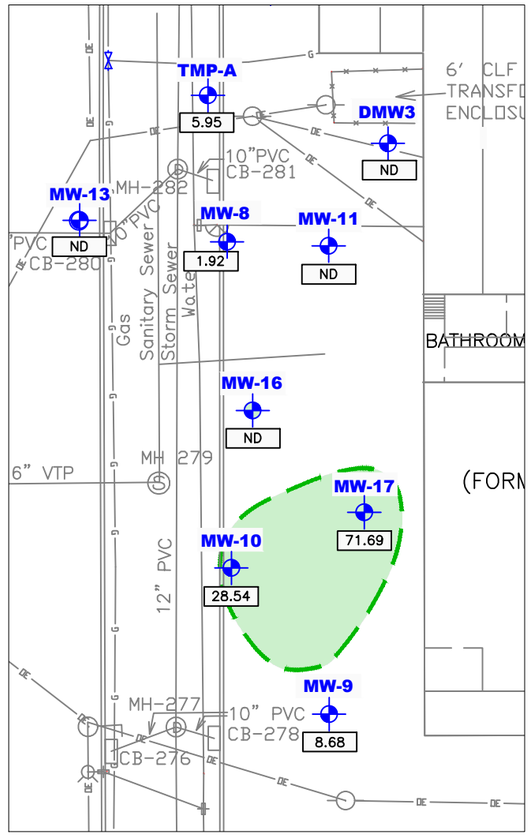
(Baseline) JUNE 2009



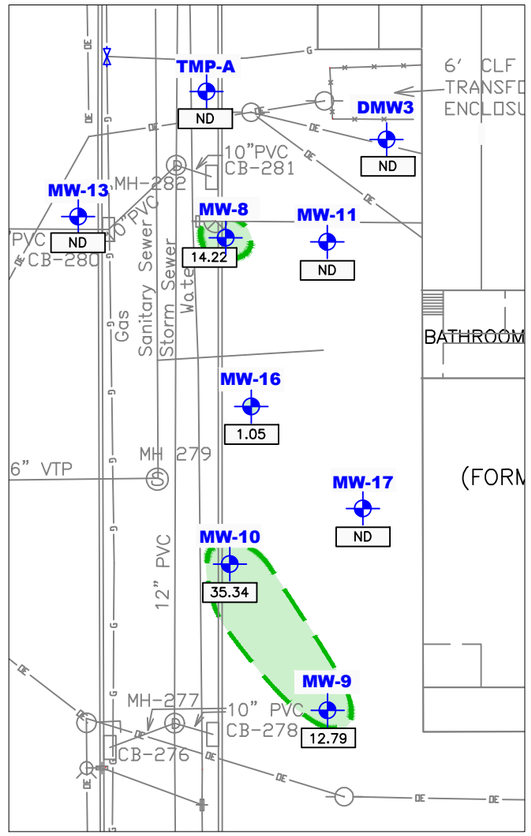
SEPTEMBER 2018



SEPTEMBER 2024



SEPTEMBER 2025



0 40 FT.

APPROXIMATE SCALE

EXPLANATION

- MOLAR CONCENTRATION > 10 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)
- MOLAR CONCENTRATION > 100 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)
- MOLAR CONCENTRATION > 1000 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)
- MOLAR CONCENTRATION > 10000 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)

NOTE:

CONTOUR LINES ARE DASHED WHERE INFERRED

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

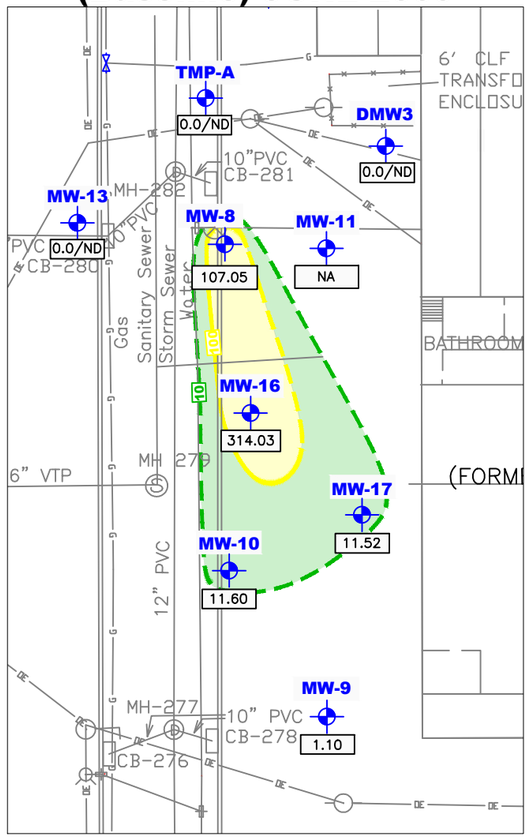
ESTIMATED PCE AND DAUGHTER PRODUCTS TOTAL MOLAR ISOCONCENTRATION PLUME MAPS AS CHLORIDE EQUIVALENTS, BASELINE TO SEPTEMBER 2025

VERINA Engineering, P.C.

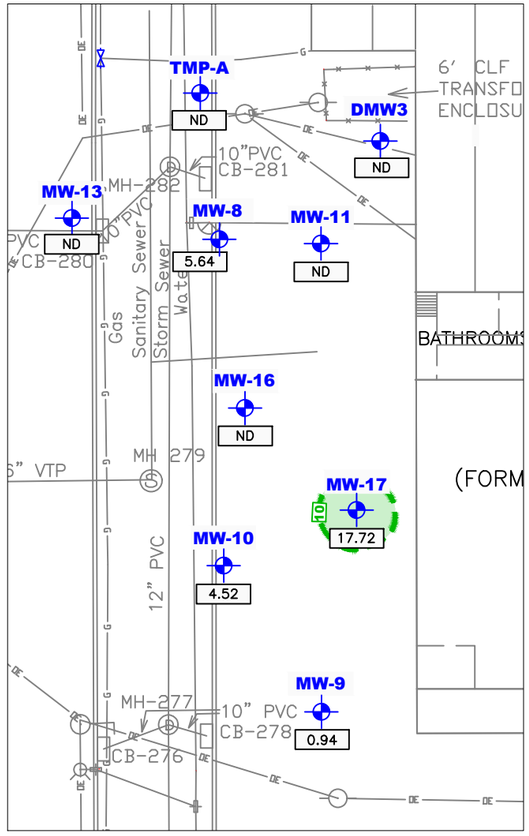
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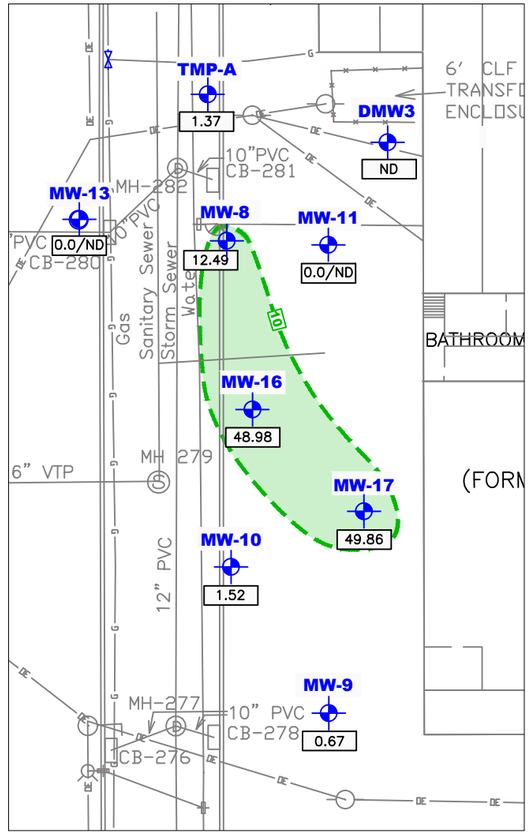
(Baseline) JUNE 2009



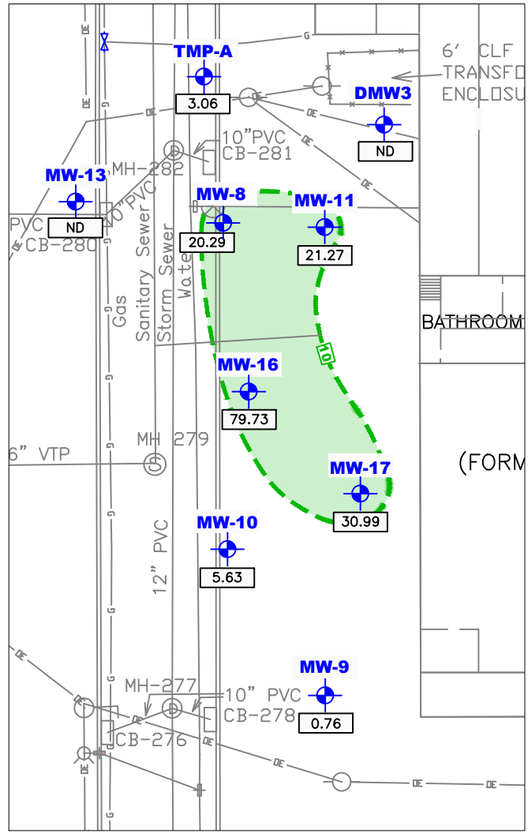
SEPTEMBER 2018



SEPTEMBER 2024



SEPTEMBER 2025



0 40 FT.

APPROXIMATE SCALE

EXPLANATION

- MOLAR CONCENTRATION > 10 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)
- MOLAR CONCENTRATION > 100 (mol x 10^8)/L (AS CHLORIDE EQUIVALENTS)

NOTE:

CONTOUR LINES ARE DASHED WHERE INFERRED

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

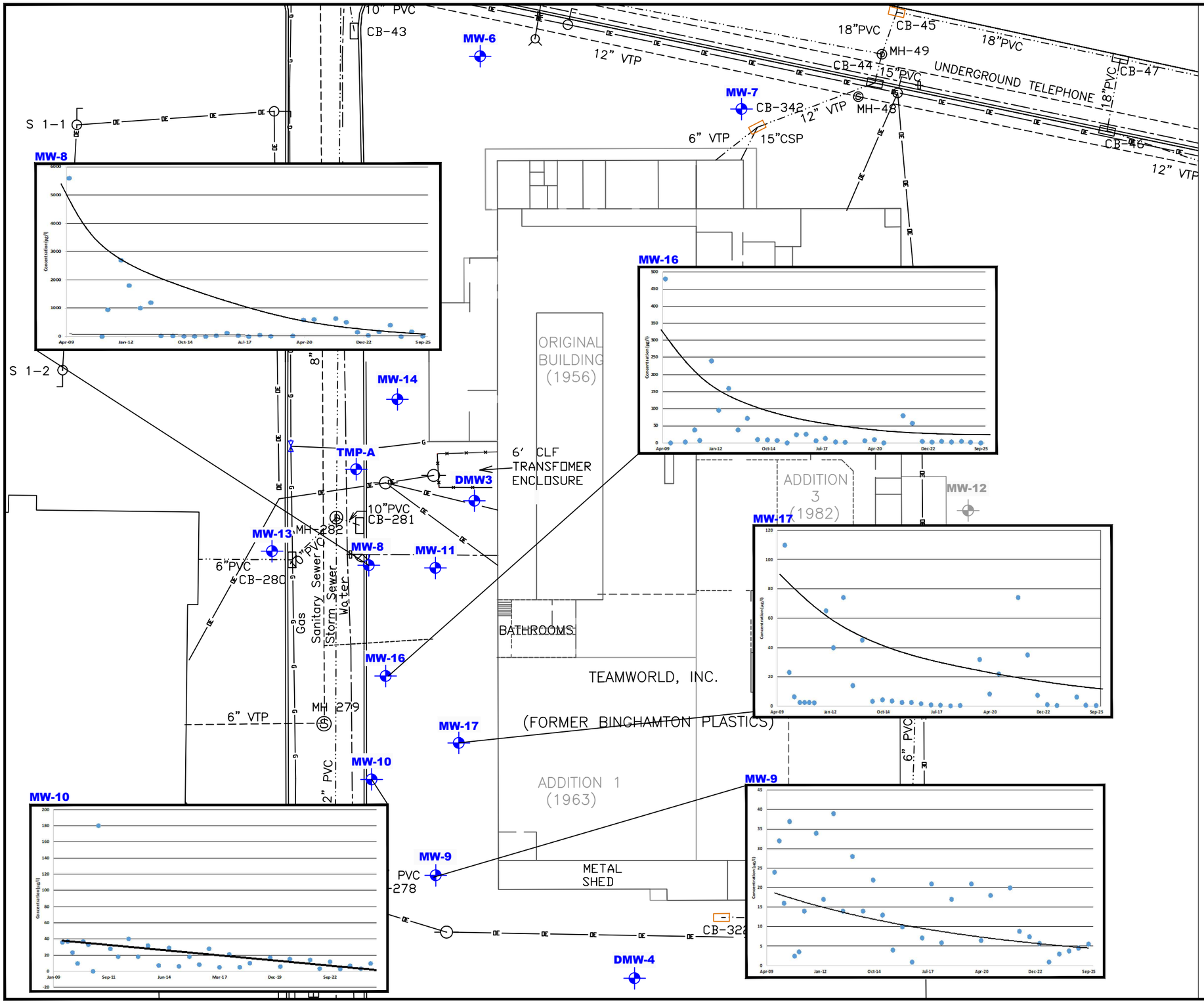
FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

ESTIMATED 1,1,1-TCA AND DAUGHTER PRODUCTS TOTAL MOLAR ISOCONCENTRATION PLUME MAPS AS CHLORIDE EQUIVALENTS, BASELINE TO SEPTEMBER 2025

VERINA Engineering, P.C.

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N

EXPLANATION

- MW-6 — DESIGNATION AND LOCATION OF MONITORING WELL
- TMP-B — DESIGNATION AND LOCATION OF DESTROYED MONITORING WELL
- UTILITY POLE
- UTILITY POLE W/LIGHT
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

0 40 FT.
APPROXIMATE SCALE

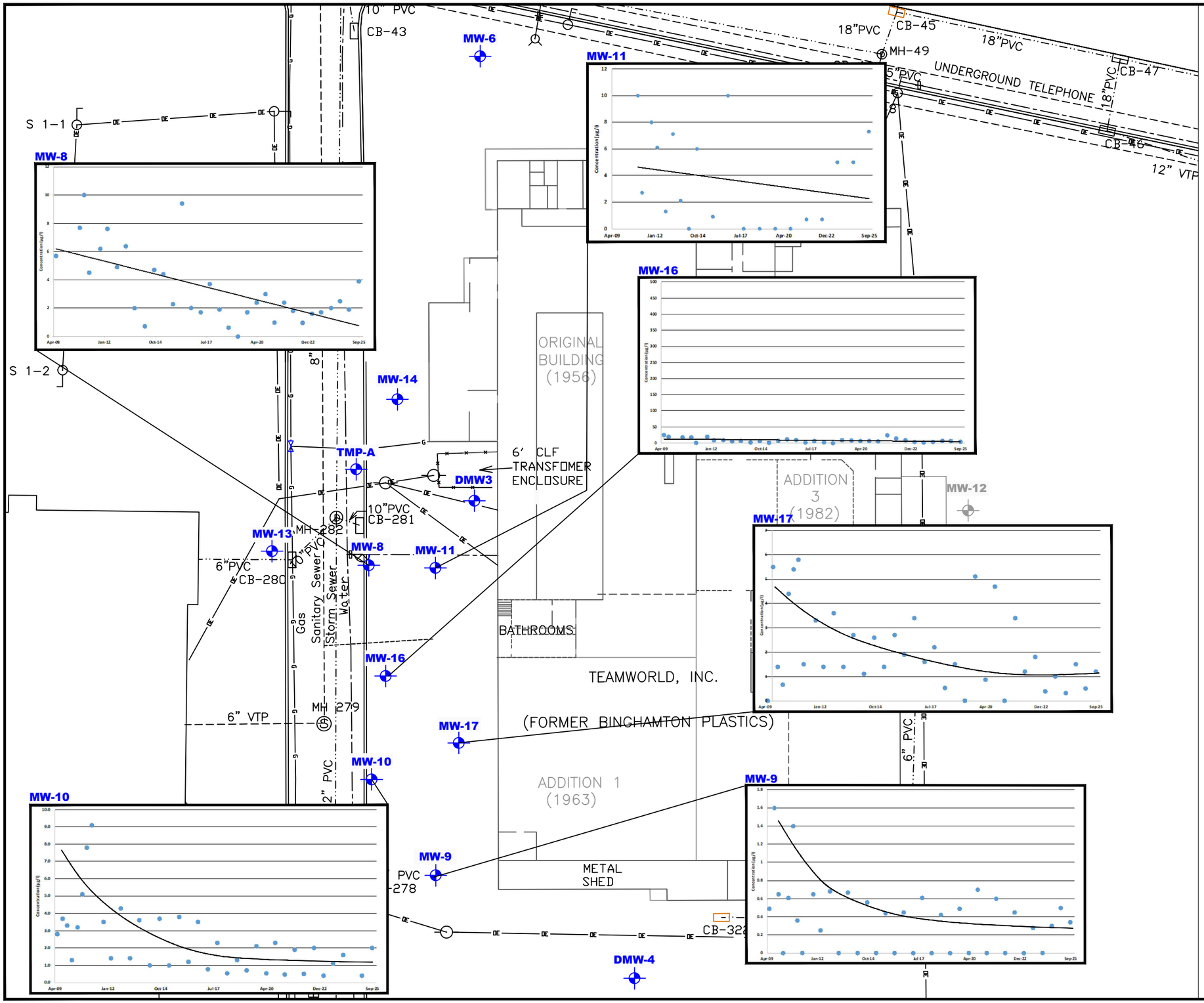
FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

TCE TREND ANALYSIS AT SELECT WELLS

VERINA Engineering, P.C.

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N

EXPLANATION

- MW-6 — DESIGNATION AND LOCATION OF MONITORING WELL
- TMP-B — DESIGNATION AND LOCATION OF DESTROYED MONITORING WELL
- UTILITY POLE
- UTILITY POLE W/LIGHT
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL

SOURCE:
SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009

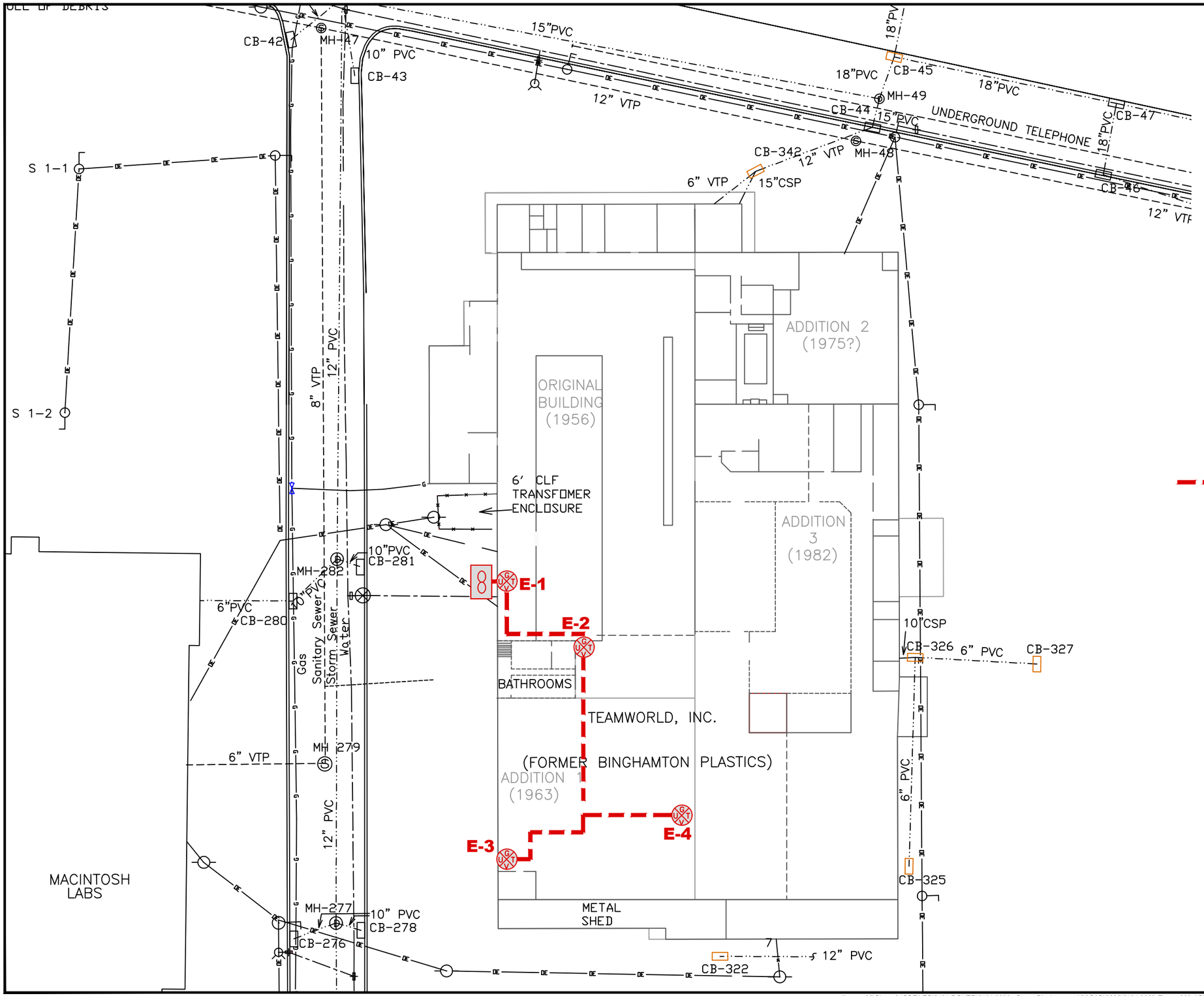
0 40 FT.
APPROXIMATE SCALE

FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

1,1,1-TCA TREND ANALYSIS AT SELECT WELLS

VERINA Engineering, P.C.

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N

EXPLANATION

- UTILITY POLE
- UTILITY POLE W/LIGHT
- STORM MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- POST INDICATOR VALVE
- HYDRANT
- WATER VALVE
- GAS VALVE
- FORMER WALL
- E-1 — DESIGNATION AND APPROXIMATE LOCATION OF SUCTION POINT WITH GATE VALVE AND VACUUM GAUGE
- APPROXIMATE LOCATION OF EXHAUST FAN
- APPROXIMATE LOCATION OF PIPE ROUTE

SOURCE:
1) SITE MAP AND FEATURES OBTAINED FROM *PRE-DESIGN INVESTIGATION REPORT FOR THE ACTIVE SLAP DEPRESSURIZATION SYSTEM* PREPARED BY ARCADIS OF CRANBURY, NEW JERSEY, JUNE 26, 2009
2) ASD SYSTEM LAYOUT OBTAINED FROM *SUB SLAB DEPRESSURIZATION AS BUILT SKETCH* PREPARED BY KEYSTONE MATERIAL TESTING, LLC OF BINGHAMTON, NEW YORK, AUGUST 1, 2012

0 40 FT.
APPROXIMATE SCALE

FORMER BINGHAMTON PLASTICS
BINGHAMTON, NEW YORK

ASD SYSTEM LAYOUT

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Tables

Table 1 - Groundwater Elevation Data - March 2025, Former Binghamton Plastics, Binghamton, New York

Monitoring Well	Well Diameter (in)	Total Depth (ft, bg)	Screened Interval (ft, bg)	Surface Elevation (ft, msl)	Top of Casing Elevation (ft, msl)	Top of PVC Elevation (ft, msl)	Depth to Water (ft, TOC)	Groundwater Elevation (ft, msl)
DMW-1	4	15	5-15	876.19	876.44	874.21	Abandoned	NA
DMW-3	2	48.58	41-48	875.16	875.16	874.22	22.32	851.90
DMW-4	2	15.58	4-14	878.32	878.38	877.91	3.39	874.52
MW-5	2	20	10-20	874.18	874.17	873.83	Abandoned	NA
MW-6	2	40.10	30-40	869.62	869.63	869.37	22.66	846.71
MW-7	2	39.96	30-40	869.96	869.99	869.60	26.83	842.77
MW-8	2	13.84	5-15	873.22	873.18	872.83	1.78	871.05
MW-9	2	14.48	5-15	875.02	875.04	874.76	1.42	873.34
MW-10	2	14.05	5-15	875.70	875.71	875.47	2.60	872.87
MW-11	2	18.82	10-20	874.53	874.52	874.14	1.81	872.33
MW-12	2	45	35-45	873.70	873.70	873.38	Abandoned	NA
MW-13	2	13.94	5-15	874.08	874.09	873.60	4.57	869.03
MW-14	2	14.44	5-15	871.06	871.07	870.57	1.30	869.27
MW-15	2	15	5-15	874.06	874.16	873.69	Abandoned	NA
MW-16	2	12.90	5-15	874.56	NS	874.11	2.00	872.11
MW-17	2	14.75	5-15	874.03	NS	873.74	1.34	872.40
TMP-A	1	7.36	3-8	871.59	NS	871.39	2.36	869.03
TMP-B	1	10	5-10	869.57	NS	869.36	Abandoned	NA

NOTES:

Elevation is surveyed to National Vertical Datum - 1929

in = Inches

ft, bg = Feet below grade

ft, msl = Feet above mean sea level

ft, TOC = Feet from top of inner well casing

NA = Not available

NS = Not surveyed

Groundwater elevation measured on March 10, 2025

Table 2 - Groundwater Elevation Data - September 2025, Former Binghamton Plastics, Binghamton, New York

Monitoring Well	Well Diameter (in)	Total Depth (ft, bg)	Screened Interval (ft, bg)	Surface Elevation (ft, msl)	Top of Casing Elevation (ft, msl)	Top of PVC Elevation (ft, msl)	Depth to Water (ft, TOC)	Groundwater Elevation (ft, msl)
DMW-1	4	15	5-15	876.19	876.44	874.21	Abandoned	NA
DMW-3	2	48.25	41-48	875.16	875.16	874.22	22.99	851.23
DMW-4	2	15.58	4-14	878.32	878.38	877.91	4.87	873.04
MW-5	2	20	10-20	874.18	874.17	873.83	Abandoned	NA
MW-6	2	39.95	30-40	869.62	869.63	869.37	24.35	845.02
MW-7	2	39.65	30-40	869.96	869.99	869.60	30.14	839.46
MW-8	2	13.71	5-15	873.22	873.18	872.83	2.41	870.42
MW-9	2	14.42	5-15	875.02	875.04	874.76	2.60	872.16
MW-10	2	13.95	5-15	875.70	875.71	875.47	3.57	871.90
MW-11	2	18.32	10-20	874.53	874.52	874.14	3.00	871.14
MW-12	2	45	35-45	873.70	873.70	873.38	Abandoned	NA
MW-13	2	13.95	5-15	874.08	874.09	873.60	4.64	868.96
MW-14	2	14.43	5-15	871.06	871.07	870.57	1.01	869.56
MW-15	2	15	5-15	874.06	874.16	873.69	Abandoned	NA
MW-16	2	12.94	5-15	874.56	NS	874.11	2.66	871.45
MW-17	2	14.47	5-15	874.03	NS	873.74	2.32	871.42
TMP-A	1	7.33	3-8	871.59	NS	871.39	2.11	869.28
TMP-B	1	10	5-10	869.57	NS	869.36	Abandoned	NA

NOTES:

Elevation is surveyed to National Vertical Datum - 1929

in = Inches

ft, bg = Feet below grade

ft, msl = Feet above mean sea level

ft, TOC = Feet from top of inner well casing

NA = Not available

NS = Not surveyed

Groundwater elevation measured on September 14, 2025

Table 3 - Annual Groundwater Monitoring Matrix, Former Binghamton Plastics, Binghamton, New York

Monitoring Well ID	Well Included in Semi-Annual Sampling Program (March)
DMW-3	
DMW-4	
MW-6	
MW-7	
MW-8	X
MW-9	X
MW-10	X
MW-11	
MW-13	X
MW-14	X
MW-16	X
MW-17	X
TMP-A	

Monitoring Well ID	Well Included inSemi-Annual Sampling Program (September)
DMW-3	X
DMW-4	X
MW-6	X
MW-7	X
MW-8	X
MW-9	X
MW-10	X
MW-11	X
MW-13	X
MW-14	X
MW-16	X
MW-17	X
TMP-A	X

Notes:

X = Well is sampled as part of the annual sampling program

Table 4 - Summary of Residual Sodium Permanganate Results, Former Binghamton Plastics, Binghamton, New York

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	December 2009	March 2010	June 2010	September 2010	December 2010	March 2011
MW-8	131.5	149	105.50	9.56	>19.8	3.74
MW-9	0.30	1.736	1.47	10.04	NS	18.91
MW-10	3.07	4.268	NS	3.57	>19.8	156.34
MW-11	132.2	149.1	151.70	120.80	>19.8	155.98
MW-16	29.71	95.1	76.99	105.60	>19.8	0.835
MW-17	NS	NS	103.00	11.21	>19.8	155.98

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	October 2011	March 2012	September 2012	March 2013	September 2013	March 2014
MW-8	0.16	17.2	1.3	0.5	70	14
MW-9	NS	7.3	NS	0.2	NS	3.0
MW-10	NS	2.4	NS	NS	NS	NS
MW-11	35.80	26.1	10.7	30	34	20
MW-16	146.46	4.6	1.7	1.1	1.3	3.1
MW-17	NS	NS	4.7	2.5	1.0	2.9

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	March 2014	September 2014	March 2015	September 2015	March 2016	September 2016
MW-8	14.0	10.0	10.3	164	102	35.1
MW-9	3.0	1.1	1.0	24	29	93.8
MW-10	NS	NS	NS	0.8	NS	NS
MW-11	20.0	11.1	NS	6.0	NS	221.2
MW-16	3.1	114	110.8	8.0	12	67
MW-17	2.9	24.4	23.7	104	99	112

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	March 2017	September 2017	March 2018	September 2018	March 2019	September 2019
MW-8	81.9	68.6	93.6	1.2	99.1	19.6
MW-9	13.7	8.7	16.8	0.1	33.7	NA
MW-10	NS	NS	NS	NS	23.7	NA
MW-11	NS	315.2	NS	22.7	NS	147.2
MW-16	160.0	302.4	93	0.1	354.0	149.6
MW-17	12.0	238.5	84.6	2.4	231.9	3.5

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	March 2020	September 2020	March 2021	September 2021	March 2022	September 2022
MW-8	NA	NA	NA	NA	NA	1.4
MW-9	NA	NA	NA	NA	NA	0.2
MW-10	NA	NA	NA	NA	NA	NA
MW-11	NS	166.4	NS	25	NS	2.8
MW-16	183.9	97.7	NA	25	18.0	NA
MW-17	67.6	NA	NA	NA	NA	NA

	Residual Sodium Permanganate by Permanganate Ion Analysis (ppm)					
Well ID No.	March 2023	September 2023	March 2024	September 2024	March 2025	September 2025
MW-8	1.0	1.0	1.17	19.2	0.30	3.5
MW-9	0.0	64.0	0.95	2.4	0.40	3.0
MW-10	0.4	NA	0.43	NA	NA	NA
MW-11	NS	560.0	NS	NA	NS	15.0
MW-16	46.0	400.0	3.85	20.0	0.90	37.5
MW-17	0.4	30.0	4.93	9.0	0.40	5.4

NOTES:

ppm = parts per million

NA = Purge water was clear and water was not analyzed for residual permanganate

NS = Not sampled during given sampling event

A Hach DR890 or DR2800 colorimeter was used to measure the concentration of residual sodium permanganate

Table 5 - Groundwater Analytical Data - March 2025, Former Binghamton Plastics, Binghamton, New York

Sample ID	NYSDEC GWQS	MW-8-031125	DUP-031125	MW-9-031125	MW-10-031125	MW-13-031125
Laboratory ID		R2502494-003	R2502494-008	R2502494-004	R2502494-005	R2502494-002
Date Sampled		3/11/2025	3/11/2025	3/11/2025	3/11/2025	3/11/2025
Units		ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1-Dichloroethane	5	2.7	2.6 D	1.0 U	0.31 J	1.0 U
1,1-Dichloroethene	5	1.5	1.8 DJ	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	67	81 D	0.25 J	0.71 J	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	0.50 DJ	1.0 U	0.29 J	1.0 U
1,1,1-Trichloroethane	2	1.9	1.9 DJ	1.0 U	0.40 J	1.0 U
Trichloroethene	5	170	200 D	4.5	2.7	1.0 U
Vinyl Chloride	5	0.31 J	0.42 DJ	1.0 U	1.0 U	1.0 U
SVOCs						
1,4-Dioxane	0.35	2.9	2.7	NA	NA	NA

Sample ID	NYSDEC GWQS	MW-14-031125	MW-16-031125	MW-17-031125	FB-031125	TB-031125
Laboratory ID		R2502494-001	R2502494-006	R2502494-007	R2502494-009	R2502494-010
Date Sampled		3/11/2025	3/11/2025	3/11/2025	3/11/2025	3/11/2025
Units		ug/L	ug/L	ug/L	ug/L	ug/L
1,1-Dichloroethane	5	1.0 U	18	1.7	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	5.0	0.62 J	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	2.2 J	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	2	1.0 U	6.6	1.0 U	1.0 U	1.0 U
Trichloroethene	5	1.0 U	1.5 J	0.60 J	1.0 U	1.0 U
Vinyl Chloride	5	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
SVOCs						
1,4-Dioxane	0.35	NA	3.0	NA	NA	NA

Notes:

µg/l = micrograms per liter

J = Estimated value

U = Compound analyzed for but not detected aboive method reporting limit given

D = Concentration is estimated due to a serial dilution

Yellow Highlight = concentration exceeds NYSDEC GWQS

NYSDEC = New York State Department of Environmental Conservation

GWQS = Ground Water Quality Standards

"FB" indicates the sample is an equipment blank sample

"TB" indicates the sample is a trip blank sample

Table 6 - Groundwater Analytical Data - September 2025, Former Binghamton Plastics, Binghamton, New York

Sample ID	NYSDEC GWQS	MW-6-091525	MW-7-091525	MW-8-091725	DUP-091725	MW-9-091525
Laboratory ID		R2511647-002	R2511647-001	R2511791-004	R2511791-007	R2511647-007
Date Sampled		9/15/2025	9/15/2025	9/17/2025	9/17/2025	9/15/2025
Units		ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1-Dichloroethane	5	1.0 U	1.0 U	5.7	5.3	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	1.8	1.5	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	2	1.0 U	1.0 U	3.9	3.6	0.34 J
Trichloroethene	5	1.0 U	1.0 U	4.6	4.0	5.6
Vinyl Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SVOCs						
1,4-Dioxane	0.35	NA	NA	1.2	1.2	NA

Sample ID	NYSDEC GWQS	MW-10-091725	MW-11-091525	MW-13-091525	MW-14-091525	MW-16-091725
Laboratory ID		R2511791-003	R2511647-003	R2511647-005	R2511647-004	9/17/2025
Date Sampled		9/17/2025	9/15/2025	9/15/2025	9/15/2025	R2511791-002
Units		ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1-Dichloroethane	5	0.56 J	2.4 J	1.0 U	1.0 U	34
1,1-Dichloroethene	5	1.0 U	10 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	2.7	10 U	1.0 U	1.0 U	0.51 J
trans-1,2-Dichloroethene	5	1.0 U	10 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	0.83 J	10 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	2	2.0	7.3 J	1.0 U	1.0 U	4.9
Trichloroethene	5	12	10 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	5	0.23 J	10 U	1.0 U	1.0 U	1.0 U
SVOCs						
1,4-Dioxane	0.35	0.040 U	NA	NA	NA	1.8

Sample ID	NYSDEC GWQS	MW-17-091725	TMP-A-091525	DMW-3-091525	DMW-4-091525	FB-091525
Laboratory ID		9/17/2025	R2511647-009	R2511647-006	R2511647-008	R2511647-010
Date Sampled		R2511791-001	9/15/2025	9/15/2025	9/15/2025	9/15/2025
Units		ug/L	ug/L	ug/L	ug/L	ug/L
VOCs						
1,1-Dichloroethane	5	14	0.88 J	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,1-Trichloroethane	2	1.2	0.57 J	1.0 U	0.22 J	1.0 U
Trichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
SVOCs						
1,4-Dioxane	0.35	0.69	NA	NA	NA	NA

Sample ID	NYSDEC GWQS	FB-091725	TB-091525	TB-091725		
Laboratory ID		R2511791-005	R2511647-011	R2511791-006		
Date Sampled		9/17/2025	9/15/2025	9/17/2025		
Units		ug/L	ug/L	ug/L		
VOCs						
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U		
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U		
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U		
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U		
Tetrachloroethene	5	1.0 U	1.0 U	1.0 U		
1,1,1-Trichloroethane	2	1.0 U	1.0 U	1.0 U		
Trichloroethene	5	1.0 U	1.0 U	1.0 U		
Vinyl Chloride	5	1.0 U	1.0 U	1.0 U		
SVOCs						
1,4-Dioxane	0.35	0.040 U	NA	NA		

Notes:

J = Estimated value

µg/l = micrograms per liter

U = Compound analyzed for but not detected aboive method reporting limit given

Yellow Highlight = concentration exceeds NYSDEC GWQS

NYSDEC = New York State Department of Environmental Conservation

GWQS = Ground Water Quality Standards

"FB" indicates the sample is an equipment blank sample

"TB" indicates the sample is a trip blank sample

Table 7 - Historical Groundwater Volatile Organic Compound Analytical Results, Former Binghamton Plastics, Binghamton, New York

Sample Location	Sampling Date	cis-1,2-Dichloroethene	trans-1,2-Dichloeoethene	Tetrachloroethene	Trichloroethene	Vinyl Chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene
Units:		µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
MW-1/DMW-1	2/8/1999	1000	< 180	< 360	8200	71	620	150 J	85
MW-2/DMW-2	12/10/1998	7.9	< 2.5	1.3 J	86	< 10	5.5	<5	<5
MW-3/DMW-3	12/10/1998	<2.5	<2.5	<0.5	1.1 J	<10	<0.5	<0.5	<0.5
	9/18/2001	< 0.5	< 0.5	< 0.5	0.5 J	< 0.5	<0.5	<0.5	<0.5
	4/1/2002	0.03 J	< 0.5	< 0.5	0.3 J	< 0.5	<0.5	<0.5	<0.5
	9/19/2002	0.2 J	<0.5	0.07 J	0.3 J	<0.5	<0.5	<0.5	<0.5
	3/28/2003	<0.5	<0.5	0.2 J	0.1 J	<0.5	<0.5	<0.5	<0.5
	6/19/2003	0.8	<0.5	0.3 J	0.8	<0.5	<0.5	<0.5	<0.5
	9/16/2003	<0.5	<0.5	0.3 J	0.08 J	<0.5	<0.5	<0.5	<0.5
	1/6/2004	<0.5	0.091 J	0.31 J	0.16 J	<0.5	<0.5	<0.5	0.091 J
	4/6/2004	0.2 J	<0.5	0.25 J	0.15 J	<0.5	<0.5	<0.5	<0.5
	6/24/2004	<0.5	<0.5	0.17	<0.5	<0.5	<0.5	<0.5	<0.5
	9/20/2004	<0.5	<0.5	0.23 J	0.13 J	<0.5	<0.5	<0.5	<0.5
	3/23/2005	<0.5	<0.5	<0.5	0.13J	<0.5	<0.5	<0.5	<0.5
	9/27/2005	<2	<2	<1	<1	<2	<2	<2	<2
	3/7/2006	<5	<5	0.43J	<5	<5	<5	<5	<5
	5/25/2006	<5	<5	<5	<5	<5	<5	<5	<5
	9/19/2006	<5	<5	<5	<5	<5	<5	<5	<5
	4/2/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	8/28/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10/15/2007	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/24/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	7/22/2008	<5.0	<5.0	<5.0	0.88 J	<5.0	<5.0	<5.0	<5.0
	10/7/2008	<5.0	<5.0	<5.0	0.40 J	<5.0	<5.0	<5.0	<5.0
	12/2/2008	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/11/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/9/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/9/2009	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/9/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	6/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	12/14/2010	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/21/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10/27/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/18/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 (<5.0)	<5.0 (<5.0)	<5.0 (<5.0)
	9/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.52 J	<5.0
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/15/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/20/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/23/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/12/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/11/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/17/2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-4/DMW-4	12/9/1998	< 2.5	< 2.5	< 5	1.2J	< 10	<5	<5	<5
	9/16/2024	<1.0	<1.0	<1.0	0.22 J	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	0.22 J	<1.0	<1.0
MW-5	12/10/1998	480	11	1	17,000	20	1.1	170	500
	9/18/2001	370 J	< 500	<500	23,000	< 500	760	<500	430 J
	4/1/2002	0.3 J	< 0.5	0.06 J	48	< 0.5	0.8	<0.5	<0.5
MW-6	12/9/1998	< 2.5	< 2.5	< 5	< 5	< 10	<5	<5	<5
	9/17/2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-7	12/8/1998	< 2.5	< 2.5	< 5	< 5	< 10	<5	<5	<5
	9/17/2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-8	12/10/1998	0.25	< 5	< 0.01	0.35	<20	<10	2.8 J	<10
	9/18/2001	650	< 25	< 25	100	44	<25	<25	<25
	4/1/2002	170	2	6	230	6	7	3	4
	9/18/2002	240	3 J	<6	560	<6	4 J	<6	<2
	3/28/2003	370	4	0.4 J	420	16	34	6	11
	6/19/2003	1,000	19	<13	810	36	14	11 J	10 J
	9/16/2003	960	14 J	<31	250	240	40	24 J	17 J
	1/6/2004	670	7.3 J	<18	500	7.7 J	8 J	13	9.8 J
	4/6/2004	1,900	12 J	<50	420	300	36 J	24 J	31 J
	6/24/2004	2,500	27	83	170	430	65	26	33
	9/20/2004	6,200	75	<210	380	740	<210	48	75
	3/23/2005	4,000	44 J	<0.5	930	490	6.7 J	29 J	43 J
	6/14/2005	<2	<2	<1	<1	<2	6.6	9.6	<2
	9/27/2005	<2	<2	<1	<1	<2	9.7	19	<2
	3/7/2006	<50	<50	<50	<50	<50	13 J	7.5 J	<50
	4/2/2007	110	0.69J	<5.0	360D	<5.0	4.3 J	8.9	1.7 J
	10/15/2007	640 D	9.8 J	<13	2700 D	66	5.0 J	18	20
	3/24/2008	170	3.3 J	<13	790 D	4.2 J	1.8 J	5.4 J	1.4 J
	7/22/2008	900	14 J	<100	3400	120	6.4 J	15 J	26 J
	10/7/2008	640	18 J	<100	3200	82 J	7.6 J	23 J	19 J
	12/2/2008	440	6.4 J	<25	2200 D	3.6 J	4.0 J	8.0 J	10 J
	3/10/2009	450	<100	<100	2200	38 J	<100	<100	14 J
	6/9/2009	680	14 J	<50	5600 D	53	5.7 J	16 J	30 J
	9/14/2009	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2009	NS	NS	NS	NS	NS	NS	NS	NS
	3/8/2010	NS	NS	NS	NS	NS	NS	NS	NS
	6/21/2010	NS	NS	NS	NS	NS	NS	NS	NS
	9/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	7.7	6.1	<5.0
	12/15/2010	<5.0	<5.0	<5.0	<5.0	<5.0	10	4.6 J	<5.0
	3/23/2011	100	0.43 J	<5.0	940 D	3.9 J	4.5 J	1.6 J	1.8 J
	10/27/2011	330 D	1.6 J	<5.0	2700 D	21	6.2	16.0	12.0
	3/13/2012	290	3.2 J	<50	1800	32 J	7.6 J	3.1 J	8.4 J
	9/17/2012	360	<50	<50	1000	33 J	4.9 J	4.7 J	<50
	3/11/2013	210	11 J	<50	1200	5.3 J	6.39 J (6.2 J)	3.0 J (2.5 J)	<50 (<50)
	9/2/2013	1.7 J	<5.0	<5.0	16	<5.0	2.0 J	3.6 J	<5.0
	3/17/2014	0.85 J	<5.0	<5.0	12	<5.0	0.72 J	1.3 J	<5.0
	9/20/2014	0.67 J	<5.0	<5.0	3.9 J	<5.0	4.7 J	3.9 J	<5.0
	3/18/2015	0.75 J	<5.0	<5.0	6.4	<5.0	4.4 J	7	<5.0
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	2.3 J	2.4 J	<5.0
	3/17/2016	9.1	<1.0	<1.0	27	<1.0	9.4	8	<1.0
	9/15/2016	71	<1.0	<1.0	120	<1.0	2	4	<1.0
	3/22/2017	29	<1.0	<1.0	26	<1.0	1.7	1.6	1.1
	9/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	5.5	<1.0
	3/22/2018	67	0.33 J	<1.0	50	<1.0	1.9	2.2	<5.7
	9/20/2018	11 (15)	<1.0	<1.0 (<1.0)	8.7 (9.7)	<1.0 (<1.0)	0.62 J (0.51 J)	2.1 (2.0)	<1.0 (<1.0)
	3/20/2019	92	<10.0	<10.0	24	<10.0	<10	<10	<10
	9/23/2019	4.1	<1.0	<1.0	13	<1.0	1.7	3.2	<1.0
	3/25/2020	480 D	8.6	<1.0	580 D	2.2	2.4	3.0	5.3
	9/14/2020	1000 D	12	<5.0	600	14	3.0 J	6.0	9.5
	3/9/2021	120	1.6 J	<2.5	270	<2.5	0.99 J	1.2 J	2.5 J
	9/14/2021	700 D	9.7	<2.5	630 D	10	2.4 J	3.3	5.9
	3/9/2022	260 (260)	2.9 J (2.9 J)	<5.0 (<530)	500 (520)	2.5 J	1.8 J (1.9 J)	1.2 J (1.4 J)	3.6 J (3.6 J)
	9/13/2022	160	0.32 J	<1.0	150	<1.0	0.97 J	1.3	1.1
	3/16/2023	38 (43)	<1.0 (<1.0)	<1.0 (<1.0)	32 (35)	<1.0 (<1.0)	1.6 (1.6)	1.6 (1.5)	0.64 J (0.63 J)
	9/11/2023	100 (85)	<2.0 (2.9)	<2.0 (<1.0)	160 (140)	<2.0 (<1.0)	1.7 J (1.8)	2.9 (3.1)	0.98 J (<1.0)
	3/20/2024	260 (250)	<13.0 (<13.0)	<13.0 (<13.0)	400 (380)	<13.0 (<13.0)	2.0 J (2.0 J)	2.0 J (2.2 J)	3.1 J (3.1 J)
	9/17/2024	<1.0	<1.0	<1.0	0.84 J	<1.0	2.5	3.4	<1.0
	3/11/2025	67 (81 D)	<1.0 (<2.0)	<1.0 (0.50 DJ)	170 (200 D)	0.31 J (0.42 DJ)	1.9 (1.9 DJ)	2.7 (2.6 D)	1.5 (1.8 DJ)
	9/17/2025	1.8 (1.5)	<1.0 (<1.0)	<1.0 (<1.0)	4.6 (4.0)	<1.0 (<1.0)	3.9 (3.6)	5.7 (5.3)	<1.0 (<1.0)

See notes on last page.

Sample Location Units:	Sampling Date	cis-1,2-Dichloroethene µg/l	trans-1,2-Dichloroethene µg/l	Tetrachloroethene µg/l	Trichloroethene µg/l	Vinyl Chloride µg/l	1,1,1-Trichloroethane µg/l	1,1-Dichloroethane µg/l	1,1-Dichloroethene µg/l
MW-9	12/10/1998	7.3	< 2.5	1.2J	77	< 10	4.4 J	< 5	< 5
	4/1/2002	0.6	< 0.5	0.2 J	20	< 0.5	< 0.5	< 0.5	< 0.5
	9/18/2002	7	0.08 J	1	57 J	0.9 J	6	1	0.3 J
	3/28/2003	1	<0.5	0.4 J	16	<0.5	0.7	< 0.5	< 0.5
	6/19/2003	3	0.04 J	0.5	26	0.09 J	1	0.2 J	< 0.5
	916/2003	4.1	<1.3	0.61 J	40	<1.3	1.9	< 1.3	< 1.3
	1/6/2004	2.4	0.083 J	0.48 J	23	<0.5	0.78	0.12 J	0.097 J
	4/6/2004	0.8 J	<1	0.61 J	30	<1	0.55 J	< 1	< 1
	6/24/2004	4.7	<0.5	0.53	27	0.52	1	< 0.5	0.15 J
	9/20/2004	6.2	<2.0	0.79 J	57	<2.0	1.7 J	< 2.0	< 2.0
	3/23/2005	0.78	<0.5	0.23 J	17	<0.5	0.35 J	< 0.5	< 0.5
	9/27/2005	5.5	<2	<2	46	<2	2.3	< 2	< 2
	3/7/2006	<5	<5	<5	<5	<5	1.5 J	< 5	< 5
	4/2/2007	0.85J	<5.0	<5.0	24	<5.0	< 5.0	< 5.0	< 5.0
	8/28/2007	8.4	<5.0	0.88 J	55	0.67 J	2.2 J	0.58 J	0.42 J
	10/15/2007	10	<5.0	0.81 J	55	<5.0	1.8 J	0.38 J	< 5.0
	3/24/2008	0.44 J	<5.0	<5.0	19	<5.0	< 5.0	< 5.0	< 5.0
	7/21/2008	12	<5.0	0.55 J	45	0.55 J	2.4 J	0.45 J	0.41 J
	10/8/2008	7.1	<5.0	0.59 J	49	<5.0	1.9 J	0.32 J	0.20 J
	12/2/2008	5.8	<5.0	0.47 J	49	<5.0	0.84 J	< 5.0	< 5.0
	3/10/2009	2.1 J	<5.0	<5.0	24	<5.0	< 5.0	< 5.0	< 5.0
	6/10/2009	1.4 J	<5.0	<5.0	32	<5.0	0.49 J	< 5.0	< 5.0
	9/16/2009	1.9 J	<5.0	0.83 J	24	<5.0	1.6 J	< 5.0	< 5.0
	12/8/2009	2.2 J	<5.0	0.43 J	32	<5.0	0.65 J	<5.0	<5.0
	3/8/2010	0.78 J	<5.0	<5.0	16	<5.0	<5.0 (< 5.0)	<5.0 (< 5.0)	<5.0 (< 5.0)
	6/21/2010	1.60 J	<5.0	<5.0	37	<5.0	0.61 J	<5.0	<5.0
	9/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	1.4 J	<5.0	<5.0
	12/16/2010	<5.0	<5.0	<5.0	3.6 J	<5.0	0.36 J	<5.0	<5.0
	3/23/2011	<5.0	<5.0	<5.0	14	<5.0	<5.0	<5.0	<5.0
	10/26/2011	0.76 J	<5.0	0.38 J	34	<5.0	0.65 J	<5.0	<5.0
	3/13/2012	0.21 J	<5.0	<5.0	17	<5.0	0.25 J	<5.0	<5.0
	9/18/2012	1.1 J	<5.0	0.39 J	39	<5.0	0.68 J	<5.0	<5.0
	3/11/2013	<5.0	<5.0	<5.0	14	<5.0	<5.0	<5.0	<5.0
	9/5/2013	0.94 J	<5.0	0.31 J	28	<5.0	0.67 J	<5.0	<5.0
	3/17/2014	0.41 J	<5.0	<5.0	14	<5.0	<5.0	<5.0	<5.0
	9/21/2014	<5.0	<5.0	<5.0	22	<5.0	0.56 J	<5.0	<5.0
	3/19/2015	0.92 J	<5.0	<5.0	13	<5.0	<5.0	<5.0	<5.0
	9/23/2015	<5.0	<5.0	<5.0	4.0 J	<5.0	0.44 J	<5.0	<5.0
	3/17/2016	0.31 J	<1.0	<1.0	10	<1.0	<1.0	<1.0	<1.0
	9/15/2016	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	0.95 J (0.91 J)	<1.0 (<1.0)	0.45 J	<1.0	<1.0
	3/21/2017	<1.0	<1.0	<1.0	7.1	<1.0	<1.0	<1.0	<1.0
	9/14/2017	0.92 J	<1.0	0.30 J	21	<1.0	0.61 J	<1.0	<1.0
	3/22/2018	<1.0	<1.0	<1.0	5.9	<1.0	<0.36	<0.20	<0.57
	9/20/2018	<1.0	<1.0	<1.0	17	<1.0	0.42 J	<1.0	<1.0
	3/20/2019	<10.0	<10.0	<10.0	5.3 J	<10.0	<10	<10	<10
	9/23/2019	0.32 J	<1.0	0.29 J	21	<1.0	0.49 J	<1.0	<1.0
	3/25/2020	0.34 J	<1.0	<1.0	6.5	<1.0	<1.0	<1.0	<1.0
	9/14/2020	0.36 J	<1.0	<1.0	18	<1.0	0.70 J	<1.0	<1.0
	3/9/2021	<1.0	<1.0	<1.0	9.8	<1.0	<1.0	<1.0	<1.0
	9/14/2021	<1.0	<1.0	0.31 J	20	<1.0	0.60 J	<1.0	<1.0
	3/9/2022	0.38 J	<1.0	<1.0	8.8	<1.0	<1.0	<1.0	<1.0
	9/13/2022	<1.0	<1.0	<1.0	7.4	<1.0	0.45 J	<1.0	<1.0
	3/16/2023	<1.0	<1.0	<1.0	5.7	<1.0	<1.0	<1.0	<1.0
	9/11/2023	<1.0	<1.0	<1.0	0.91 J	<1.0	0.28 J	<1.0	<1.0
	3/19/2024	<1.0	<1.0	<1.0	3.0	<1.0	<1.0	<1.0	<1.0
	9/16/2024	<1.0	<1.0	<1.0	3.8	<1.0	0.30 J	<1.0	<2.0
	3/11/2025	0.25 J	<1.0	<1.0	4.5	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	5.6	<1.0	0.34 J	<1.0	<1.0
MW-10	12/10/1998	18	< 2.5	54	64	2.3 J	2.5	14	< 5
	9/18/2001	10	< 1.4	2	21	18	10	22	1 J
	4/1/2002	11	0.3 J	1	16	2	7	13	1
	9/18/2002	14	0.4 J	4	53 J	21	13	13	2
	3/28/2003	11	0.2 J	2	25	2	6	6	< 0.5
	6/19/2003	13	0.5 J	3	32	9	8	11	2
	9/16/2003	15	0.39 J	2.4	42	12	7.3	8.6	2.4
	1/6/2004	4.3	0.26 J	1.6	13	0.43 J	2.2	3.6	0.51
	4/6/2004	4.7	<0.5	0.89	13	0.38 J	1.4	1.4	0.6
	6/24/2004	16	0.65	2.6	45	8.6	5	6.0	2.5
	9/20/2004	3.4	0.15 J	2.7	16	0.9	5.2	9.4	0.36 J
	3/23/2005	3.8	0.11 J	1.1	12	0.57	2.1	3.5	0.83
	9/27/2005	13	<2	3	50	6.6	6.5	6.1	< 2
	3/7/2006	9.3	<5	1.6J	27	2.5J	4 J	2.6 J	1.2 J
	9/19/2006	17	0.48J	2.2J	32	5.9	4.8 J	4.4 J	1.4 J
	8/28/2007	12	0.33 J	2.2 J	31	5.9	4.0 J	4.4 J	1.3 J
	10/15/2007	4.8 J	<5.0	2.1 J	16	1.7 J	3.3 J	5.7	0.78 J
	3/24/2008	3.9 J	<5.0	0.53 J	6.6	<5.0	0.73 J	0.93 J	< 5.0
	7/21/2008	3.7 J	<5.0	0.45 J	5.3	0.72 J	0.76 J	1.8 J	0.27J
	10/8/2008	12	0.26 J	1.4 J	25	5.3	3.5 J	3.7 J	0.93 J
	12/2/2008	4.4 J	<5.0	1.2 J	9.4	<5.0	2.1 J	2.4 J	0.34 J
	3/10/2009	4.3 J	<5.0	0.77 J	9.2	<5.0	1.1 J	1.3 J	< 5.0
	6/8/2009	15	<5.0	1.6 J	36	2.4 J	2.8 J	1.5 J	1.1 J
	9/14/2009	18	<5.0	2.0 J	37	4.8 J	3.7 J	2.9 J	1.2 J
	12/9/2009	13	<5.0	1.3 J	23	1.1 J	3.3 J	1.9 J	0.72 J
	3/8/2010	5.3	<5.0	0.71 J	9.7	<5.0	1.3 J	1.1 J	<5.0
	6/22/2010	19	0.29 J	1.6 J	37	3.5 J	3.2 J	1.7 J	1.0 J
	9/21/2010	18	0.32 J	1.8 J	33	4.5 J	5.1	2.7 J	1.0 J
	12/15/2010	<5.0	<5.0	<5.0	<5.0	<5.0	7.8	24	<5.0
	3/23/2011	86	<5.0	0.67 J	180	1.8 J	9.1	28.0	5.70
	10/26/2011	11	0.21 J	1.7 J	28	2.2 J	3.5 J	2.0 J	0.85 J
	3/13/2012	6	<5.0	0.81 J	18	0.46 J	1.4 J	1.0 J	<5.0
	9/17/2012	14	<5.0	1.8 J	40	2.7 J	4.3 J (4.3 J)	1.8 J (1.8 J)	0.69 J (0.75 J)
	3/11/2013	7.9	<5.0	0.72 J	18	0.49 J	1.4 J	0.99 J	<5.0
	9/2/2013	11	<5.0	1.7 J	32	1.1 J	3.6 J	1.7 J	<5.0
	3/17/2014	3.4 J	<5.0	0.63 J	7.3	<5.0	1.0 J (0.88 J)	0.82 J (0.82 J)	<5.0 (<5.0)
	9/21/2014	8.9	<5.0	1.4 J	29	0.69 J	3.7 J	1.1 J	<5.0
	3/18/2015	2.1 J	<5.0	0.66 J	6.2	<5.0	1.0 J	0.69 J	<5.0
	9/23/2015	3.2 J (3.1 J)	<5.0 (<5.0)	1.5 J (1.3 J)	18 (17)	<5.0 (<5.0)	3.8 J (3.6 J)	0.81 J (0.78 J)	<5.0 (<5.0)
	3/17/2016	2.9	<1.0	0.76 J	8.2	<1.0	1.2	0.97 J	<1.0
	9/15/2016	6.3	<1.0	1.6	28	0.36 J	3.5	1.2	<1.0
	3/21/2017	2.6	<1.0	0.70 J	5.0	<1.0	0.77 J	0.74 J	<1.0
	9/14/2017	5.1 (4.9)	<1.0 (<1.0)	1.3 (1.4)	21 (21)	0.38 J (<1.0)	2.3 (2.4)	0.81 J (0.70 J)	<1.0 (<1.0)
	3/20/2018	2.2	<1.0	0.52 J	5.0	<1.0	0.54 J	0.72 J	<0.57
	9/20/2018	2.6	<1.0	0.87 J	10	<1.0	1.3	0.79 J	<1.0
	3/20/2019	2	<1.0	0.52 J	7.0	<1.0	0.70 J	0.43 J	<1.0
	9/23/2019	2.8	<1.0	1.1	17	<1.0	2.1	0.76 J	<1.0
	3/25/2020	1.9	<1.0	0.42 J	5.8	<1.0	0.53 J	0.47 J	<1.0
	9/14/2020	3.6	<1.0	1	15.0	0.26 J	2.3	0.83 J	<1.0
	3/9/2021	1.2	<1.0	0.37 J	3.6	<1.0	0.46 J	0.46 J	<1.0
	9/14/2021	3.4	<1.0	0.81 J	14.0	0.25 J	1.9	0.74 J	<1.0
	3/9/2022	0.94 J	<1.0	0.44 J	3.3	<1.0	0.49 J	0.34 J	<1.0
	9/13/2022	2.4	<1.0	0.88 J	12	<1.0	2	0.72 J	<1.0
	3/16/2023	0.91 J	<1.0	0.23 J	2.8	<1.0	0.40 J	0.35 J	<1.0
	9/11/2023	1.3	<1.0	0.77 J	6.9	<1.0	1.10	0.46 J	<1.0
	3/19/2024	0.93 J	<1.0	0.32 J	3.2	<1.0	0.39 J	0.32 J	<1.0
	9/16/2024	2.1	<1.0	0.76 J	9.8	<1.0	1.6	0.49 J	<1.0
	3/11/2025	0.71 J	<1.0	0.29 J	2.7	<1.0	0.40 J	0.31 J	<1.0
	9/17/2025	1/2/1900	<1.0	0.83 J	12	0.23 J	2.0	0.56 J	<1.0

See notes on last page.

Sample Location Units:	Sampling Date	cis-1,2-Dichloroethene µg/l	trans-1,2-Dichloroethene µg/l	Tetrachloroethene µg/l	Trichloroethene µg/l	Vinyl Chloride µg/l	1,1,1-Trichloroethane µg/l	1,1-Dichloroethane µg/l	1,1-Dichloroethene µg/l
MW-11	12/9/1998	1,100	11	< 5	1,400	140	12	8.9	12
	9/18/2001	850	< 31	<31	700	77	< 31	< 31	< 31
	4/1/2002	1,100	12	<50	1,500	23	18	<50	17
	9/19/2002	1,600	12 J	<25	2,100	82	13 J	<25	13 J
	3/28/2003	1,200	11	0.2 J	2,400	58	< 63	7	14
	6/19/2003	1,300	10 J	<25	2,500	24 J	24 J	<25	8 J
	9/16/2003	1,700	13 J	<83	2,500	170	47 J	<83	17 J
	1/6/2004	1,200	31 J	<53	1,500	28 J	< 63	<63	30 J
	4/6/2004	1,700	17	<83	2,300	6.8	15	8.6	14
	6/24/2004	1,600	18	<63	1,900	29	<63	<63	30
	9/20/2004	2,300 D	26 DJ	<63	2,200 D	58 DJ	16 DJ	15 DJ	24 DJ
	3/23/2005	1,500 D	21	<0.5	1,300 D	7.8	9.9	6.8	13
	6/14/2005	<2	<2	<1	<1	<2	5.3	2.8	< 2
	9/27/2005	<2	<2	<1	<1	<2	11	3.6	< 2
	3/7/2006	<500	<500	<500	<500	<500	<500	<500	< 500
	10/15/2007	<5.0	<5.0	<5.0	<5.0	< 5.0	45	9.7	< 5.0
	3/24/2008	130	<25	<25	520	5.2 J	51	9.2 J	<25
	7/22/2008	1900	15 J	<100	2900	140	26J	8.0 J	14 J
	10/7/2008	NS	NS	NS	NS	NS	NS	NS	NS
	12/2/2008	NS	NS	NS	NS	NS	NS	NS	NS
	3/11/2009	990	9.1 J	<25	3200 D	67	20 J	4.3 J	9.4 J
	6/8/2009	NS	NS	NS	NS	NS	NS	NS	NS
	9/14/2009	NS	NS	NS	NS	NS	NS	NS	NS
	12/8/2009	NS	NS	NS	NS	NS	NS	NS	NS
	3/9/2010	NS	NS	NS	NS	NS	NS	NS	NS
	6/21/2010	NS	NS	NS	NS	NS	NS	NS	NS
	9/20/2010	NS	NS	NS	NS	NS	NS	NS	NS
	12/16/2010	<5.0	<5.0	<5.0	<5.0	<5.0	10	3.2 J	<5.0
	3/23/2011	<5.0	<5.0	<5.0	<5.0	<5.0	2.7 J	0.61 J	<5.0
	10/27/2011	<5.0	<5.0	<5.0	0.57 J	<5.0	8.0	2.6 J	<5.0
	3/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	6.1	2.5 J	<5.0
	9/17/2012	<5.0	<5.0	<5.0	0.62 J	<5.0	1.3 J	0.64 J	<5.0
	3/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	7.1	2.2 J	<5.0
	9/2/2013	1.2 J	<5.0	<5.0	4.3 J	<5.0	2.1 J	1.4 J	<5.0
	3/18/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/20/2014	<25	<25	<25	<25	<25	6.0J (6.1 J)	1.8 J (1.7 J)	<25 (<25)
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	0.92 J	<5.0	<5.0
	9/15/2016	<10	<10	<10	<10	<10	10	<1.0	<1.0
	9/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/20/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/23/2019	<10	<10	<10	<10	<10	<10	<10	<10
	9/14/2020	<1.0	<1.0	<1.0	5.0 J	<1.0	<1.0	<1.0	<1.0
	9/14/2021	0.32 J	<1.0	<1.0	0.21 J	<1.0	0.71 J	0.46 J	<1.0
	9/13/2022	<1.0	<1.0	<1.0	<1.0	<1.0	0.71 J	0.24 J	<1.0
	9/11/2023	<10	<10	<10	<10	<10	<10	<10	<10
	9/17/2024	<10	<10	<10	<10	<10	<10	<10	<10
	9/15/2025	<10	<10	<10	<10	<10	7.3 J	2.4 J	<10
MW-12	12/7/1998	< 2.5	< 2.5	< 5	< 5	< 10	< 5	< 5	< 5
MW-13	12/9/1998	< 2.5	< 2.5	< 5	< 5	< 10	< 5	< 5	< 5
	3/24/2008	NS	NS	NS	NS	NS	NS	NS	NS
	7/23/2008	NS	NS	NS	NS	NS	NS	NS	NS
	10/9/2008	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	12/2/2008	<5.0	<5.0	<5.0	0.96 J	<5.0	< 5.0	< 5.0	< 5.0
	3/9/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	6/10/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	9/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	12/7/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/9/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	6/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	9/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	12/16/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/23/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10/26/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 (<5.0)	<5.0 (<5.0)	<5.0 (<5.0)
	3/14/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/18/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/15/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/20/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/23/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2021	<1.0	<1.0	<1.0	0.29 J	<1.0	<1.0	<1.0	<1.0
	9/13/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/11/2023	<1.0	<1.0	<1.0	0.47 J	<1.0	<1.0	<1.0	<1.0
	9/17/2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/11/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MW-14	12/9/1998	< 2.5	< 2.5	< 5	< 5	< 10	<5	<5	<5
	9/18/2001	< 0.5	< 0.5	< 0.5	0.2J	< 0.5	< 0.5	< 0.5	< 0.5
	3/28/2003	<0.5	<0.5	0.08 J	<0.5	<0.5	< 0.5	< 0.5	< 0.5
	6/19/2003	<0.5	<0.5	0.3 J	0.04 J	<0.5	< 0.5	< 0.5	< 0.5
	9/16/2003	<0.5	<0.5	0.087 J	<0.5	<0.5	< 0.5	< 0.5	< 0.5
	1/6/2004	<0.5	<0.5	<0.5	0.064 J	<0.5	< 0.5	< 0.5	< 0.5
	4/6/2004	<0.5	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5
	6/24/2004	2.1	<0.5	0.27 J	6.5	<0.5	< 0.5	< 0.5	< 0.5
	9/20/2004	<0.5	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5
	3/23/2005	<0.5	<0.5	<0.5	<0.5	<0.5	< 0.5	< 0.5	< 0.5
	3/7/2006	<5.0	<5.0	<5.0	<5.0	<5.0	< 5	< 5	< 5
	5/25/2006	<5.0	<5.0	<5.0	<5.0	<5.0	< 5	< 5	< 5
	9/19/2006	<5.0	<5.0	<5.0	<5.0	<5.0	< 5	< 5	< 5
	4/2/2007	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	8/28/2007	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	10/15/2007	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/24/2008	<5.0	<5.0	<5.0	0.62 J	<5.0	< 5.0	< 5.0	< 5.0
	7/23/2008	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	10/7/2008	<5.0	<5.0	<5.0	0.32 J	<5.0	< 5.0	< 5.0	< 5.0
	12/3/2008	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/11/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	6/10/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	9/15/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	12/9/2009	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/9/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	6/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	9/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	12/14/2010	<5.0	<5.0	<5.0	<5.0	<5.0	< 5.0	< 5.0	< 5.0
	3/21/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	10/26/2011	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	3/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0 (<5.0)	<5.0 (<5.0)	<5.0 (<5.0)
	9/18/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/6/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/16/2024	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/11/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

See notes on last page.

Sample Location Units:	Sampling Date	cis-1,2-Dichloroethene µg/l	trans-1,2-Dichloroethene µg/l	Tetrachloroethene µg/l	Trichloroethene µg/l	Vinyl Chloride µg/l	1,1,1-Trichloroethane µg/l	1,1-Dichloroethane µg/l	1,1-Dichloroethene µg/l
MW-15	12/10/1998	960	11	14	6,900	23	1.6	220 J	560
	9/18/2001	790	< 84	< 84	4,000	68 J	690	130	290
	4/1/2002	510	10	17	3,400	34	690	86	280
MW-16	9/19/2002	1,500	11 J	<32	340	38	110	120	17 J
	3/28/2003	440	7	0.2 J	15	59	120	130	5
	6/19/2003	400	12	0.3 J	48	58	62	280	5
	9/16/2003	87	4.8	0.323 J	9	24	7.3	79	1.4 J
	1/6/2004	68	3.3	<2.5	6.6	20	4.3	25	0.97
	4/6/2004	22	1.1	0.23 J	2.6	5.6	2.1	9.6	0.29 J
	6/24/2004	6.8	2	0.23 J	4.1	2.3	0.43 J	10	0.12 J
	9/20/2004	78 D	5.2 D	<2.5	17	27 D	1.7DJ	22 D	0.84 DJ
	3/23/2005	9.3	5.4	<0.5	0.95	4.4	<0.5	4.2	<0.5
	9/25/2005	12	5.4	<1	6.2	11	7.7	53	<2
	3/7/2006	<500	<500	<500	<500	<500	<500	51 J	<500
	10/15/2007	240 D	13	0.64 J	110	140	7.1	86	22
	3/24/2008	NS	NS	NS	NS	NS	NS	NS	NS
	7/22/2008	240	8.7 J	<13	69	87	5.2 J	45	17
	10/8/2008	710	13 J	1.1 J	330	180	15 J	67	62
	12/2/2008	450 D	10	0.94 J	320	88	11	47	51
	3/10/2009	270	4.6 J	1.1 J	280	42	8.8 J	32	35
	6/10/2009	650	10 J	<25	480	76	25	51	75
	9/15/2009	<5	<5	0.55 J	<5	<5	20	65	<5
	12/8/2009	NS	NS	NS	NS	NS	NS	NS	NS
	3/9/2010	NS	NS	NS	NS	NS	NS	NS	NS
	6/22/2010	<5.0	<5.0	<5.0	<5.0	<5.0	18	50	<5.0
	9/20/2010	NS	NS	NS	NS	NS	NS	NS	NS
	12/16/2010	16	<5.0	<5.0	38	<5.0	18	45	1.8 J
	3/23/2011	4.1 J	<5.0	0.70 J	7.4	<5.0	0.73 J	0.77 J	<5.0
	10/27/2011	140	5.6	1.8 J	240 D	<5.0	20.0	55.0	<5.0
	3/13/2012	94	2.7 J	0.44 J	96	10	8.7	34	<5.0
	9/17/2012	140	2.0 J	0.71 J	160	11	9.8	58	0.82 J
	3/11/2013	96	7.5	0.34 J	38	1.9 J	5.8	32	<5.0
	9/5/2013	170	10	0.50 J	72	9.3	7.6	43	<5.0
	3/17/2014	49	1.4 J	<5.0	10	14	2.1 J	10	<5.0
	9/21/2014	17	<5.0	0.43 J	8.6	<5.0	6	41	<5.0
	3/18/2015	31	0.35 J	<5.0	7.1	15	1.1 J	7.8	1.8 J
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	7.3	53	<5.0
	3/17/2016	87 (88)	1.4 (1.7)	0.89 J (0.70 J)	24 (24)	1.2 (0.96 J)	12(12)	36 (36)	<1.0 (<1.0)
	9/15/2016	83	0.87 J	0.61 J	26	4.9	9.7	59	1
	3/22/2017	30 (40)	<1.0 (<1.0)	<1.0 (<1.0)	6.1 (7.3)	8.1 (8.7)	2.3(2.7)	8.7 (11)	1.3 (1.9)
	9/14/2017	67	<1.0	0.30 J	13	2.7	6.7	31	1.2
	3/22/2018	15 (14)	<1.0 (<1.0)	<1.0 (<1.0)	2.4 (2.3)	<1.0 (<1.0)	2.8 (2.5)	7.7 (7.3)	<0.57 (0.57)
	9/20/2018	1.5	<1.0	160	1.6	<1.0	<1.0	<1.0	<1.0
	3/20/2019	68 (59)	<1.0 (<1.0)	0.23 J (0.30 J)	18 (16)	<1.0 (<1.0)	8.9 (8.7)	18 (18)	0.47 J (0.54 J)
	9/23/2019	32 (35)	<1.0 (<1.0)	0.27 J (0.27 J)	6.6 (7.1)	<1.0 (<1.0)	7.7 (7.6)	23 (23)	<1.0 (0.28 J)
	3/25/2020	34 (44)	<1.0 (<1.0)	<1.0 (0.23 J)	10 (17)	<1.0 (<1.0)	6.7 (6.6)	15 (17)	0.29 (0.74)
	9/14/2020	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	<1.0 (<1.0)	6.6 (7.0)	21 (23)	<1.0 (<1.0)
	3/9/2021	47 (43)	2.5 (1.6)	<1.0 (<1.0)	11 (6.0)	0.35 J (<1.0)	5.4 (5.5)	11 (11)	<1.0 (<1.0)
	9/14/2021	130 (120)	5.0 (4.6)	0.52 J (<1.0)	80 (75)	0.24 J (<1.0)	24 (24)	32 (30)	<1.0 (<1.0)
	3/9/2022	120	0.33 J	0.37 J	58	12	14	18	6.2
	9/13/2022	9.4	<1.0	0.27 J	4.8	<1.0	8.7	37	<1.0
	3/16/2023	13	<1.0	<1.0	2.5	<1.0	4	13	<1.0
	9/11/2023	<10	<10	<10	<10	<10	2.3 J	9.8 J	<10
	3/19/2024	13	<1.0	<1.0	3.2	<1.0	4.0	11	<1.0
	9/17/2024	<10	<10	<10	<10	<10	7.4 J	16	<10
	3/11/2025	5.0	<5.0	2.2 J	1.5 J	<5.0	6.6	18	<5.0
	9/17/2025	0.51 J	<1.0	<1.0	<1.0	<1.0	4.9	34	<1.0
MW-17	9/19/2002	1,800	18 J	<42	2,800	38 J	450	200	160
	3/28/2003	280	11	0.3 J	2	180	70	260	16
	6/19/2003	50	13	<6	1	65	8	230	3 J
	9/16/2003	4	11	1.6 J	0.74 J	9.1	3	160	1.5 J
	1/6/2004	3.3 J	6.4	<4.2	0.81 J	2.4 J	5.1	97	<4.2
	4/6/2004	3 J	6.8	<5	1.6 J	4.5 J	18	92	<5
	6/24/2004	<4.2	9.8	2.2	1.1	1.5	5	120	1.2
	9/20/2004	3.3 J	11	2.1 J	<5.0	6.7	9.2	130	<5.0
	3/25/2005	7.9	7.3	<0.5	0.8	5.9	8.6	68	0.66
	9/27/2005	150	8	<1	71	24	5	66	2
	3/7/2006	<50	<50	<50	<50	<50	26 J	63	<50
	9/19/2006	0.33	24	3.2	31	17	6.8	1.3 J	0.51 J
	8/28/2007	55	2.4 J	0.82 J	110	82	8.4	30	1.3 J
	10/15/2007	37	1.5 J	0.38 J	73	6.6	3.8 J	18	0.68 J
	3/24/2008	3.0 J	0.33 J	<5.0	1.2 J	0.93 J	<5.0	2.4 J	<5.0
	7/21/2008	2.4 J	0.94 J	<5.0	0.66 J	1.1 J	0.39 J	7.1	<5.0
	10/8/2008	16	1.6 J	0.21 J	35	5.7	2.7	17	0.41 J
	12/2/2008	6.6	0.46 J	<5.0	15	1.3 J	0.46 J	3.0 J	<5.0
	3/10/2009	3.7 J	0.46 J	<5.0	4.4 J	1.9 J	<5.0	3.2 J	<5.0
	6/9/2009	2.8 J	0.78 J	<5.0	3.5 J	1.1 J	<5.0	5.7	<5.0
	9/14/2009	38	2.5 J	0.60 J	110	9.1	5.5	34	1.1 J
	12/8/2009	7.4	0.61 J	<5.0	23	2.1 J	1.4 J	6.9	<5.0
	3/9/2010	4.5 J	<5.0	<5.0	6.5	1.1 J	0.66 J	3.4 J	<5.0
	6/21/2010	<5.0	<5.0	<5.0	<5.0	<5.0	4.4 J	24	<5.0
	9/20/2010	<5.0	<5.0	<5.0	<5.0	<5.0	5.4	24	<5.0
	12/15/2010	<5.0	<5.0	<5.0	<5.0	<5.0	5.8	36	<5.0
	3/23/2011	5.6	<5.0	<5.0	2.2 J	<5.0	1.5 J	9.2	<5.0
	10/26/2011	87	4.2 J	0.53 J	65	20	3.3 J	25.0	0.91 J
	3/14/2012	77	3.3 J	0.27 J	40	18	1.4 J	14.0	0.87 J
	9/17/2012	200	10	0.44 J	74	8.2	3.6 J	31	<5.0
	3/11/2013	53	2.8 J	<5.0	14	0.41 J	1.4 J	13	<5.0
	9/5/2013	84	3.6 J	<5.0	45	1.3 J	2.7 J	20	<5.0
	3/17/2014	18	1.0 J	<5.0	3.3 J	<5.0	1.1 J	8.7	<5.0
	9/21/2014	10	<5.0	<5.0	4.3 J	<5.0	2.6 J	17	<5.0
	3/18/2015	5.8 (7.8)	<5.0 (<5.0)	<5.0 (<5.0)	3.5 J (4.6 J)	<5.0 (<5.0)	1.4 J (1.6 J)	11 (12)	<5.0 (<5.0)
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	2.7 J	21	<5.0
	3/17/2016	3.7	<1.0	<1.0	2.4	<1.0	1.9	13	<1.0
	9/15/2016	1.4	<1.0	0.30 J	1.7	<1.0	3.4	23	<1.0
	3/21/2017	0.78 J	<1.0	<1.0	0.78 J	<1.0	1.6	<1.0	6.3
	9/14/2017	0.40 J	<1.0	<1.0	0.61 J	<1.0	2.2	14	<1.0
	3/22/2018	<1.0	<1.0	<1.0	<1.0	<1.0	0.53 J	2.8	<0.57
	9/20/2018	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	7.1	<1.0
	3/20/2019	<10.0	<10.0	<10.0	<10.0	<10.0	<10	3.2 J	<10
	9/23/2019	66	<1.0	<1.0	32	0.25 J	5.1	31	2.6
	3/25/2020	19	<1.0	<1.0	8.3	0.69 J	0.86 J	6.9	0.26 J
	9/14/2020	23	<1.0	0.61 J	22	<1.0	4.7	38	0.30 J
	3/9/2021	7.2	0.55 J	<1.0	3.3	0.21 J	<1.0	2	<1.0
	9/14/2021	200	5	0.61 J	74	30	3.4	36	5.1
	3/9/2022	86	2.1	0.41 J	35	11	1.2	14	1.7
	9/13/2022	27	1.6	<1.0	7.5	0.38 J	1.8	24	<1.0
	3/16/2023	4.4	0.30 J	<1.0	1.0	1.1	0.39 J	5.7	<1.0
	9/11/2023	<1.0	<1.0	<1.0	<1.0	<1.0	1	8.3	<1.0
	3/19/2024	0.34 J	<1.0	<1.0	<1.0	<1.0	0.31 J	4.3	<1.0
	9/16/2024	27	1.0	<1.0	6.1	<1.0	1.5	23	<1.0
	3/11/2025	0.62 J	<1.0	<1.0	0.60 J	<1.0	<1.0	1.7	<1.0
	9/17/2025	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	14	<1.0
TMP-A	3/22/2005	<0.5	<0.5	<0.5	<0.5	<0.5	0.74	0.31 J	0.5
	9/27/2005	<2	<2	<1	<2	<2	<2	<2	<2
	3/7/2006	<5	<5	<5	<5	<5	0.62 J	0.31 J	<5
	5/25/2006	<5	<5	<5	<5	<5	<5	0.35 J	<5
	9/19/2006	<5	<5	<5	<5	<5	0.56 J	0.63 J	<5.0
	4/2/2007	<5	<5	<5	<5	<5	0.80 J	<5	<5
	7/23/2008	<5	<5	<5	<5	<5	<5.0	0.72 J	<5.0
	10/7/2008	<5	<5	<5	<5	<5	<5.0	0.40 J	<5.0
	3/9/2009	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0
	6/9/2009	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0
	9/16/2009	<5	<5	<5	<5	<5	0.51 J	<5.0	<5.0
	3/8/2010	<5	<5	<5	<5	<5	0.46 J	<5.0	<5.0
	10/27/2011	<5	<5	<5	<5	<5	<5.0	0.26 J	<5.0
	3/13/2012	<5.0	<5.0	<5.0	<5.0	<5.0	0.32 J	<5.0	<5.0
	9/18/2012	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.37 J	<5.0
	3/11/2013	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	9/5/2013	<5.0	<5.0	<5.0	<5.0	<5.0	0.37 J	0.56 J	<5.0
	9/20/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.52 J	<5.0
	9/23/2015	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	0.31 J	<5.0
	9/15/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.21 J	<1.0
	9/14/2017	<1.0	<1.0	<1.0	<1.0	<1.0	0.54 J	0.59 J	<1.0
	9/20/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	9/14/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.76 J	<1.0
	9/14/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.83 J	<1.0
	9/13/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.25 J	<1.0
	9/11/2023	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.40 J	<1.0
	9/16/2024	1.0 J	<1.0	<1.0	1.0 J	1.0 J	0.26 J	0.39 J	<1.0
	9/15/2025	<1.0	<1.0	<1.0	<1.0	<1.0	0.57 J	0.88 J	<1.0

NOTES:

J = Estimated value; compound detected below Detection Limit.

D = Compound identified in an analysis at a secondary dilution factor

= Baseline result

NS=Not sampled

µg/l = Micrograms per liter

< = Not detected above laboratory reporting limit given

Appendices

Appendix A

VERINA Engineering, P.C.

MONTHLY ISCO INJECTION LOG
Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Well ID	MW-8		MW-9		MW-10		MW-11		MW-16		MW-17		Total Injected (gal)	COMMENTS
Date	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)	Water Pink or Purple (Y/N)	ISCO Solution Injected (gal)		
1/13/2025	Y	0	N	5	N	5	Y	0	Y	0	Y	0	10.0	Injections completed by MAV and LV
2/17/2025	NA		NA		NA		NA		NA		NA		NA	No injections b/c one month prior to sampling event. Could not access wells due to ice, could not collect color data.
3/10/2025	Y	0	Y	0	N	5	Y	0	Y	0	Y	0	5.0	Injections completed by AM and KD
4/21/2025	N	5	N	5	Y	0	Y	0	Y	0	N	5	15.0	Injections completed by MAV and RG
5/13/2025	Y	0	N	5	N	5	Y	0	Y	0	N	5	15.0	Injections completed by MPC, RG, and AP
6/9/2025	Y	0	Y	0	Y	0	N	5	N	5	Y	0	10.0	Injections completed by MAV, MRR, and AP
7/14/2025	Y	0	N	5	N	5	Y	0	Y	0	N	5	15.0	Injections completed by MAV and MPC
8/4/2025	N	5	N	5	Y	0	Y	0	N	5	Y	0	15.0	Injections completed by AM and KD
9/24/2025	Y	0	N	5	N	5	Y	0	Y	0	Y	0	10.0	Injections completed by MKS and KD
10/20/2025	Y	0	Y	0	N	5	Y	0	Y	0	Y	0	5.0	Injections completed by MKS and CRM
11/11/2025	Y	0	N	5	N	5	Y	0	Y	0	Y	0	10.0	Injections completed by MAV and MKS
12/8/2025	Y	0	Y	5	N	5	Y	0	Y	0	Y	5	15.0	Injections completed by MAV and KD. MW-9 and MW-17 were pink

Appendix B

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-8	Date:	3/11/2025	
Field Personnel:	KD	Weather:	Sunny / 41- 63 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	13.84	Depth to Water (ft btoc):	2.04
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5-15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	9

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	0.30
Volume Purged (gal):	2.00	Sample ID:	MW-08-031125
Final Depth to Water (ft btoc):	2.76	Sample Time:	13:30

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
12:25	8.77	7.38	4.548	553.1	5.26	118.0	2.42	2.47	100	
12:30	7.95	7.37	4.997	566.1	5.18	80.5	2.43	2.69	100	
12:35	8.13	7.40	5.003	569.3	5.10	71.6	2.43	2.69	100	
12:40	8.73	7.44	5.007	572.9	5.02	68.7	2.43	2.70	100	
12:45	8.39	7.41	5.025	574.2	5.21	69.8	2.44	2.71	100	
12:50	7.61	7.41	4.782	576.0	5.01	38.4	2.45	2.54	100	
12:55	7.50	7.41	4.673	575.0	4.90	30.3	2.50	2.52	100	
13:00	7.40	7.41	4.441	572.9	4.75	22.1	2.65	2.37	100	
13:05	7.21	7.4	4.313	572.2	4.55	17.5	2.65	2.29	100	
13:10	7.11	7.4	4.248	571.8	4.58	14.7	2.67	2.25	100	
13:15	7.00	7.39	4.191	571.0	4.67	12.4	2.67	2.22	100	
13:20	7.00	7.4	4.169	570.6	4.66	12.3	2.75	2.21	100	
13:25	7.15	7.41	4.160	570.9	4.72	11.6	2.76	2.21	100	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-9	Date:	3/11/2025	
Field Personnel:	AM	Weather:	Sunny / 36-60 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	14.48	Depth to Water (ft btoc):	1.42
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 10
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	0.40
Volume Purged (gal):	3.00	Sample ID:	MW-9-031125
Final Depth to Water (ft btoc):	1.56	Sample Time:	13:40

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
12:45	8.73	6.88	0.787	496.9	7.02	175	1.42	0.39	100	
12:50	8.68	6.89	0.788	497.8	7.01	155	1.42	0.39	100	
12:55	8.69	6.89	0.788	498.6	7.01	151	1.47	0.39	100	
13:00	8.61	6.89	0.792	505.4	7.04	139	1.47	0.39	100	
13:05	8.33	6.86	0.803	505.5	7.64	59.7	1.50	0.40	120	
13:10	8.30	6.86	0.807	507.2	7.78	51.6	1.50	0.40	120	
13:15	8.09	6.84	0.816	501.6	7.82	40.0	1.54	0.40	120	
13:20	8.27	6.85	0.819	493.5	7.88	37.4	1.54	0.40	120	
13:25	7.98	6.85	0.825	485.9	7.93	29.4	1.54	0.41	120	
13:30	7.93	6.84	0.831	478.8	8.00	28.6	1.54	0.41	120	
13:35	7.91	6.84	0.833	481.4	8.00	28.9	1.54	0.41	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name: Dover - Binghamton | Project #: 5101.0003 | Page 1 of 1

Monitoring Well: MW-10 | Date: 3/11/2025

Field Personnel: AM | Weather: Windy / 36-60 F

PRE-PURGE INFO:

Well Depth (ft btoc): 14.05 | Depth to Water (ft btoc): 2.60

PID Beneath PVC Cap (ppm): NA | Screened/Open Interval (ft btoc): 5-15

Pump Used: 1.75" Bladder | Depth of Pump (ft btoc): 10

POST-PURGE INFO:

Color: Brown then clear | Mn/MnO4 (mg/L): NA

Volume Purged (gal): 2.00 | Sample ID: MW-10-031125

Final Depth to Water (ft btoc): 3.02 | Sample Time: 15:40

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
14:35	8.52	7.26	0.425	580.6	9.10	403	2.92	0.21	160	
14:40	7.60	8.66	0.436	488.7	8.63	396	2.92	0.21	160	
14:45	7.57	7.09	0.441	187.9	8.22	248	3.01	0.21	160	
14:50	7.40	7.08	0.441	154.6	8.03	162	3.01	0.21	160	
14:55	7.22	7.10	0.440	-53.10	7.97	89.1	3.02	0.21	160	
15:00	7.22	7.13	0.441	-205.70	8.00	69.2	3.02	0.21	160	
15:05	7.11	7.13	0.442	-222.6	7.86	43.3	3.02	0.21	160	
15:10	7.21	7.12	0.444	-228.6	7.87	36.0	3.02	0.21	160	
15:15	7.17	7.12	0.445	-233.7	7.78	29.4	3.02	0.22	160	
15:20	6.66	7.11	0.4448	-239.5	7.75	24.4	3.02	0.22	160	
15:25	6.86	7.12	0.451	-242.6	7.76	20.2	3.02	0.22	160	
15:30	6.45	7.12	0.450	-249.2	7.70	19.1	3.02	0.22	160	
15:35	6.33	7.12	0.451	-250.8	7.57	18.5	3.02	0.22	160	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name: Dover - Binghamton | Project #: 5101.0003 | Page 1 of 1

Monitoring Well: MW-13 | Date: 3/11/2025

Field Personnel: KD | Weather: Sunny / 41-60 F

PRE-PURGE INFO:

Well Depth (ft btoc): 13.94 | Depth to Water (ft btoc): 4.60

PID Beneath PVC Cap (ppm): NA | Screened/Open Interval (ft btoc): 5-15

Pump Used: 1.75" Bladder | Depth of Pump (ft btoc): 9

POST-PURGE INFO:

Color: Clear | Mn/MnO4 (mg/L): NA

Volume Purged (gal): 3.00 | Sample ID: MW-13-031125

Final Depth to Water (ft btoc): 5.20 | Sample Time: 11:35

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:20	8.11	7.08	3.464	181.2	2.01	18.8	4.95	1.65	100	
10:25	7.72	7.12	3.194	174.1	2.28	17.0	4.96	1.62	100	
10:30	7.76	7.20	2.859	165.9	2.82	10.4	4.96	1.48	100	
10:35	7.76	7.24	2.581	157.1	3.44	7.99	4.98	1.33	100	
10:40	7.78	7.25	2.421	152.3	3.80	6.40	4.98	1.26	100	
10:45	7.47	7.28	2.279	149.4	4.24	5.02	4.99	1.16	100	
10:50	7.11	7.30	2.152	145.2	4.55	2.48	5.07	1.10	100	
10:55	7.07	7.31	2.090	142.8	4.84	1.82	5.07	1.07	100	
11:00	7.00	7.32	2.067	140.6	4.78	0.83	5.10	1.06	100	
11:05	6.96	7.30	2.197	139.3	4.72	0.70	5.12	1.13	100	
11:10	6.92	7.29	2.181	138.8	4.63	0.58	5.14	1.22	100	
11:15	6.84	7.26	2.155	138.9	4.55	0.53	5.17	1.33	100	
11:20	6.84	7.25	2.667	138.3	4.54	0.35	5.17	1.35	100	
11:25	6.88	7.25	2.700	137.7	4.53	0.35	5.17	1.40	100	
11:30	6.85	7.25	2.738	137.4	4.44	0.33	5.20	1.41	100	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name: Dover - Binghamton | Project #: 5101.0003 | Page 1 of 1

Monitoring Well: MW-14 | Date: 3/11/2025

Field Personnel: AM | Weather: Sunny / 35-60 F

PRE-PURGE INFO:

Well Depth (ft btoc): 14.44 | Depth to Water (ft btoc): 1.30

PID Beneath PVC Cap (ppm): NA | Screened/Open Interval (ft btoc): 5-15

Pump Used: 1.75" Bladder | Depth of Pump (ft btoc): 10

POST-PURGE INFO:

Color: Clear | Mn/MnO4 (mg/L): NA

Volume Purged (gal): 2.50 | Sample ID: MW-14-031125

Final Depth to Water (ft btoc): 8.65 | Sample Time: 11:20

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:10	6.41	7.34	0.430	-256.3	3.51	14.5	4.10	0.20	200	
10:15	6.04	7.42	0.420	-241.9	3.49	15.2	5.20	0.20	200	
10:20	5.97	7.43	0.417	-257.7	3.47	11.2	5.64	0.20	120	
10:25	5.88	7.48	0.413	-293.2	14.1	16.5	5.95	0.20	100	
10:30	5.99	7.50	0.409	-385.1	13.6	13.4	6.18	0.20	100	
10:35	6.07	7.50	0.406	-381.6	13.6	13.1	6.30	0.19	100	
10:40	6.23	7.51	0.400	-385.6	12.9	11.3	6.55	0.19	100	
10:45	6.29	7.51	0.395	-383.2	12.7	7.11	6.76	0.19	100	
10:50	6.42	7.52	0.391	-384.1	9.0	6.73	6.90	0.19	120	
10:55	6.52	7.51	0.386	-389.2	8.4	5.16	7.06	0.19	120	
11:00	6.59	7.51	0.375	-389.3	6.1	11.1	7.41	0.18	120	
11:05	6.60	7.52	0.375	-382.3	6.2	10.1	7.75	0.18	120	
11:10	6.76	7.52	0.374	-385.6	6.3	9.21	7.91	0.18	120	
11:15	6.79	7.52	0.374	-386.1	6.2	10.0	8.25	0.18	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-16	Date:	3/11/2025	
Field Personnel:	KD	Weather:	Sunny / 41-63 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	12.90	Depth to Water (ft btoc):	2.00
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	9.00

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	0.90
Volume Purged (gal):	4.00	Sample ID:	MW-16-031125
Final Depth to Water (ft btoc):	3.52	Sample Time:	16:00

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
14:35	10.55	7.33	0.711	611.8	9.85	151	2.30	0.35	100	
14:40	10.08	7.29	0.624	618.8	10.94	157	2.30	0.31	100	
14:45	9.34	7.24	0.599	621.0	11.17	180	2.90	0.29	100	
14:50	8.45	7.21	0.590	622.1	11.06	152	3.00	0.29	100	
14:55	8.02	7.21	0.566	623.9	11.94	123	3.10	0.27	100	
15:00	8.01	7.21	0.560	624.6	12.31	87.8	3.32	0.27	100	
15:05	8.02	7.21	0.559	624.0	11.89	74.5	3.35	0.27	100	
15:10	8.16	7.24	0.566	625.2	12.94	52.8	3.38	0.27	100	
15:15	8.24	7.26	0.584	627.2	13.06	38.7	3.40	0.29	100	
15:20	8.25	7.27	0.621	628.6	13.11	31.7	3.43	0.30	100	
15:25	8.24	7.30	0.696	632.9	13.00	25.5	3.45	0.34	100	
15:30	8.25	7.30	0.654	634.0	13.04	21.9	3.45	0.36	100	
15:35	8.29	7.31	0.660	635.9	13.09	19.8	3.48	0.39	100	
15:40	8.31	7.32	0.610	636.4	13.00	16.7	3.48	0.40	100	
15:45	8.33	7.33	0.842	637.1	12.69	13.3	3.50	0.42	100	
15:50	8.35	7.34	0.855	637.2	12.41	12.7	3.50	0.42	100	
15:55	8.30	7.30	0.847	636.6	12.03	12.1	3.52	0.43	100	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-17	Date:	3/11/2025	
Field Personnel:	AM	Weather:	Windy / 36-60 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	14.75	Depth to Water (ft btoc):	1.34
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Pink	Mn/MnO4 (mg/L):	0.40
Volume Purged (gal):	2.00	Sample ID:	MW-17-031125
Final Depth to Water (ft btoc):	2.85	Sample Time:	17:00

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
16:20	9.98	7.03	0.432	242.8	1.41	171	2.58	0.21	200	
16:25	9.89	7.02	0.431	306.7	1.44	165	2.58	0.21	200	
16:30	9.63	6.92	0.430	497.0	2.00	130	2.64	0.21	160	
16:35	9.83	6.90	0.429	513.2	2.19	109	2.64	0.21	160	
16:40	9.51	6.89	0.433	531.3	2.49	86.3	2.83	0.21	160	
16:45	9.65	6.90	0.434	533.4	2.48	71.1	2.83	0.21	160	
16:50	9.63	6.90	0.438	538.1	2.54	72.8	2.85	0.21	160	
16:55	9.54	6.90	0.441	539.5	2.62	68.0	2.85	0.21	160	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-6	Date:	9/15/2025	
Field Personnel:	AM	Weather:	Sunny / 52-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	39.95	Depth to Water (ft btoc):	24.90
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	30 - 40
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	35

POST-PURGE INFO:

Color:	Grey then Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	2.50	Sample ID:	MW-6-091525
Final Depth to Water (ft btoc):	25.20	Sample Time:	11:20

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:30	15.72	7.83	0.272	173	0.12	44.60	24.9	0.13	100	
10:35	15.81	8.04	0.268	170	0.08	43.90	25.0	0.13	160	
10:40	15.75	8.19	0.264	158	0.01	28.60	24.9	0.12	160	
10:45	15.78	8.39	0.257	147	0.09	19.40	24.9	0.12	160	
10:50	15.77	8.37	0.256	141	0.02	15.40	24.9	0.12	160	
10:55	15.80	8.44	0.256	137	0.00	11.30	25.0	0.12	120	
11:00	15.72	8.49	0.256	136	0.01	11.60	25.2	0.12	120	
11:05	15.69	8.48	0.256	133	0.00	9.50	25.2	0.12	120	
11:10	15.80	8.45	0.256	135	0.00	9.90	25.2	0.12	120	
11:15	15.80	8.55	0.256	132	0.00	9.30	25.2	0.12	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-7	Date:	9/15/2025	
Field Personnel:	MAV	Weather:	Sunny / 67 F / 74% Humid	

PRE-PURGE INFO:

Well Depth (ft btoc):	39.65	Depth to Water (ft btoc):	30.14
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	30 - 40
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	35

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	1.00	Sample ID:	MW-7-091525
Final Depth to Water (ft btoc):	32.90	Sample Time:	11:20

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:20	16.35	6.40	0.995	209	1.88	119.0	32.25	0.49	360	
10:25	16.38	6.94	0.944	179	1.68	97.6	32.53	0.46	160	
10:30	17.81	7.15	0.930	174	1.48	76.2	32.45	0.46	160	
10:35	18.28	7.26	0.936	170	1.71	63.8	32.55	0.46	160	
10:40	19.25	7.35	0.927	173	1.70	71.5	32.66	0.45	160	
10:45	19.73	7.40	0.923	174	1.79	68.8	32.75	0.45	160	
10:50	19.75	7.44	0.921	173	1.51	61.7	32.79	0.45	160	
10:55	19.90	7.47	0.922	171	1.66	53.4	32.82	0.45	160	
11:00	20.00	7.48	0.924	170	1.68	50.4	32.85	0.45	160	
11:05	20.18	7.50	0.928	167	1.70	43.0	32.90	0.46	160	
11:10	20.21	7.51	0.930	166	1.69	39.9	32.88	0.46	160	
11:15	20.39	7.52	0.928	165	1.61	39.1	32.90	0.46	160	

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LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-8	Date:	9/17/2025	
Field Personnel:	KD	Weather:	Sunny / 54-73 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	13.71	Depth to Water (ft btoc):	2.70
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	3.5
Volume Purged (gal):	2.00	Sample ID:	MW-8-091725
Final Depth to Water (ft btoc):	4.50	Sample Time:	11:30

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:25	19.44	7.46	0.873	628	7.98	200	2.70	0.43	120	
10:30	19.56	7.59	1.00	634	8.00	291	2.73	0.50	120	
10:35	19.65	7.65	1.07	637	9.54	289	2.90	0.53	120	
10:40	19.77	7.65	1.04	637	9.19	267	2.95	0.51	120	
10:45	19.86	7.61	0.949	637	9.12	212	3.00	0.46	120	
10:50	20.08	7.53	0.797	638	8.09	156	3.33	0.40	120	
10:55	20.16	7.49	0.722	637	7.12	115	3.65	0.33	120	
11:00	20.21	7.46	0.668	636	6.19	58.0	4.00	0.32	120	
11:05	20.23	7.45	0.659	636	5.7	43.4	4.23	0.32	120	
11:10	20.25	7.44	0.655	637	5.57	34.0	4.30	0.32	120	
11:15	20.26	7.44	0.648	638	5.35	26.1	4.38	0.31	120	
11:20	20.28	7.44	0.645	638	5.23	24.2	4.40	0.31	120	
11:25	20.35	7.42	0.640	639	5.20	23.6	4.50	0.31	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-9	Date:	9/15/2025	
Field Personnel:	KD	Weather:	Sunny / 56-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	14.42	Depth to Water (ft btoc):	2.79
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

Color:	Light Purple/ Pink	Mn/MnO4 (mg/L):	3.0
Volume Purged (gal):	3.50	Sample ID:	MW-9-091525
Final Depth to Water (ft btoc):	3.00	Sample Time:	14:10

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
13:25	21.19	6.90	1.50	659	23.37	404	2.79	1.60	200	
13:30	21.25	6.84	1.50	655	23.45	385	2.90	0.75	200	
13:35	21.22	6.89	1.46	655	9.27	295	2.90	0.73	200	
13:40	21.33	6.90	1.44	651	7.36	207	2.95	0.72	200	
13:45	21.30	6.88	1.42	651	5.50	77	2.95	0.71	200	
13:50	21.36	6.87	1.42	649	4.70	60	2.97	0.71	200	
13:55	21.40	6.89	1.42	659	3.85	61	2.99	0.71	200	
14:00	21.44	6.86	1.42	657	3.97	58	2.99	0.71	200	
14:05	21.42	6.88	1.42	661	3.72	56	3.00	0.71	200	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-10	Date:	9/17/2025	
Field Personnel:	MAV	Weather:	Partly Sunny / 64 F / Humidity 65%	

PRE-PURGE INFO:

Well Depth (ft btoc):	13.95	Depth to Water (ft btoc):	3.57
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	3	Sample ID:	MW-10-091725
Final Depth to Water (ft btoc):	3.88	Sample Time:	10:40

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
9:40	19.15	7.20	1.03	263	0.76	263.0	3.83	0.50	240	
9:45	19.79	7.48	1.01	239	0.47	61.8	3.87	0.50	240	
9:50	19.90	7.49	1.01	233	0.60	36.8	3.90	0.50	240	
9:55	20.00	7.49	1.01	232	0.58	30.9	3.87	0.50	240	
10:00	20.02	7.51	1.01	231	0.67	28.5	3.87	0.50	240	
10:05	20.10	7.51	1.02	226	0.60	15.3	3.92	0.50	240	
10:10	20.11	7.51	1.02	225	0.46	12.7	3.92	0.50	240	
10:15	20.12	7.51	1.02	220	0.36	10.7	3.92	0.50	240	
10:20	20.14	7.53	1.02	218	0.24	7.5	3.91	0.50	240	
10:25	20.21	7.51	1.02	212	0.22	4.7	3.93	0.50	240	
10:30	20.22	7.50	1.02	213	0.22	4.40	3.95	0.50	240	
10:35	20.22	7.50	1.02	210	0.22	4.6	3.95	0.50	240	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-11	Date:	9/15/2025	
Field Personnel:	KD	Weather:	Cloudy / 56-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	18.32	Depth to Water (ft btoc):	5.50
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	10 - 20
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	15.00

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	15.0
Volume Purged (gal):	4.50	Sample ID:	MW-11-091525
Final Depth to Water (ft btoc):	10.20	Sample Time:	11:25

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
10:25	18.27	8.13	17.6	533	50.00	385	5.50	8.40	200	
10:30	18.39	9.64	19.5	656	50.00	413	6.15	8.21	200	
10:35	18.90	8.14	15.1	659	50.00	358	7.63	8.23	200	
10:40	18.84	8.15	13.1	574	50.00	328	7.70	8.35	200	
10:45	18.96	8.52	13.8	608	50.00	369	8.65	7.83	200	
10:50	19.02	9.10	13.1	659	49.02	352	8.70	7.51	200	
10:55	19.18	8.15	12.5	661	48.83	263	9.00	6.03	200	
11:00	19.20	8.16	12.1	661	47.87	204	9.35	6.90	200	
11:05	19.32	8.18	11.8	660	48.59	171	9.55	6.67	200	
11:10	19.35	8.2	11.0	654	49.22	124	9.89	6.82	200	
11:15	19.40	8.29	11.3	654	48.56	120	10.15	5.74	200	
11:20	19.47	8.31	11.1	652	47.61	119	10.20	5.46	200	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-13	Date:	9/15/2025	
Field Personnel:	AM	Weather:	Sunny / 52-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	13.95	Depth to Water (ft btoc):	4.64
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	3.00	Sample ID:	MW-13-091525
Final Depth to Water (ft btoc):	6.43	Sample Time:	12:50

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
12:00	21.43	7.71	5.74	217	2.49	0.3	5.64	3.04	120	
12:05	21.46	7.75	5.39	214	2.94	0.3	5.64	2.91	120	
12:10	21.57	7.69	5.81	205	2.53	0.3	5.83	3.18	120	
12:15	21.74	7.64	6.28	203	2.41	0.0	5.83	3.42	120	
12:20	21.35	7.69	6.48	199	2.42	0.0	6.15	3.63	160	
12:25	20.05	7.68	6.84	160	2.59	0.0	6.15	3.75	160	
12:30	19.94	7.70	6.66	170	2.92	0.0	6.43	3.62	160	
12:35	19.92	7.73	6.61	177	3.29	0.0	6.43	3.62	160	
12:40	20.07	7.73	6.74	184	3.11	0.0	6.43	3.69	160	
12:45	20.05	7.71	6.78	186	3.02	0.0	6.43	3.79	160	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-14	Date:	9/15/2025	
Field Personnel:	MAV	Weather:	Sunny / 73 F / Humidity 63%	

PRE-PURGE INFO:

Well Depth (ft btoc):	14.43	Depth to Water (ft btoc):	1.01
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	1.00	Sample ID:	MW-14-091525
Final Depth to Water (ft btoc):	6.09	Sample Time:	12:45

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
11:50	22.19	7.66	0.410	150	0.35	19.6	2.05	0.20	160	
11:55	21.64	7.66	0.411	151	0.34	14.5	2.65	0.20	240	
12:00	21.19	7.65	0.411	149	0.17	9.1	3.55	0.20	280	
12:05	21.00	7.65	0.412	146	0.27	10.9	4.22	0.20	160	
12:10	21.26	7.65	0.410	144	0.38	5.7	4.51	0.20	160	
12:15	21.32	7.66	0.410	144	0.51	4.5	4.70	0.20	160	
12:20	21.44	7.66	0.409	145	0.55	4.0	4.77	0.20	160	
12:25	20.95	7.68	0.404	146	1.49	2.9	5.19	0.19	120	
12:30	20.84	7.70	0.398	148	1.55	2.6	5.31	0.19	120	
12:35	20.90	7.70	0.397	149	1.41	2.5	5.80	0.19	120	
12:40	20.84	7.72	0.398	150	1.47	2.4	6.11	0.19	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-16	Date:	9/17/2025	
Field Personnel:	KD	Weather:	Sunny, Partially Cloudy / 54-74 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	12.94	Depth to Water (ft btoc):	3.26
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	37.5
Volume Purged (gal):	1.50	Sample ID:	MW-16-091725
Final Depth to Water (ft btoc):	3.90	Sample Time:	9:55

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	5%	10%	0.3 ft		100 - 500	
9:20	15.78	5.77	1.08	610	10.19	52.3	3.26	0.54	150	
9:25	16.11	6.01	1.09	624	13.43	51.6	3.26	0.54	150	
9:30	16.63	6.22	1.09	641	16.29	50.5	3.60	0.54	150	
9:35	16.95	6.28	1.09	647	16.62	50.1	3.76	0.54	150	
9:40	17.27	6.35	1.08	651	16.54	48.8	3.80	0.53	150	
9:45	17.56	6.38	1.08	654	16.47	47.6	3.88	0.53	150	
9:50	17.68	6.40	1.07	656	16.45	47.1	3.90	0.53	150	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	MW-17	Date:	9/17/2025	
Field Personnel:	AM	Weather:	Cloudy / 52-73 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	14.47	Depth to Water (ft btoc):	2.32
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	5 - 15
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	10.00

POST-PURGE INFO:

Color:	Purple	Mn/MnO4 (mg/L):	5.4
Volume Purged (gal):	3.00	Sample ID:	MW-17-091725
Final Depth to Water (ft btoc):	3.34	Sample Time:	10:50

1WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
9:30	17.6	7.28	3.46	653	27.25	209	2.80	1.84	100	
9:35	17.6	7.34	3.60	652	20.59	188	2.80	1.90	100	
9:40	17.57	7.45	3.70	652	18.47	166	2.70	1.95	100	
9:45	17.94	7.50	3.74	653	20.90	163	2.70	1.96	100	
9:50	18.23	7.55	3.46	655	22.58	157	3.09	1.78	100	
9:55	18.36	7.52	3.02	657	23.03	300	3.09	1.55	100	
10:00	18.41	7.49	2.63	659	19.30	147	3.23	1.32	100	
10:05	18.52	7.45	2.18	660	16.74	143	3.23	1.11	100	
10:10	18.54	7.43	2.11	661	16.41	142	3.34	1.07	100	
10:15	18.59	7.42	2.00	662	15.48	139	3.34	1.01	100	
10:20	18.64	7.42	1.93	663	15.49	136	3.34	0.98	100	
10:25	18.68	7.41	1.86	663	13.87	128	3.34	0.94	100	
10:30	18.73	7.40	1.82	664	14.66	119	3.34	0.92	100	
10:35	18.77	7.40	1.80	664	13.66	98.9	3.34	0.91	100	
10:40	18.84	7.41	1.80	665	13.77	98.0	3.34	0.91	100	
10:45	18.92	7.41	1.80	666	12.87	91.6	3.34	0.91	100	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	TMP-A	Date:	9/15/2025	
Field Personnel:	MAV	Weather:	Sunny / 76 F / Humidity 55%	

PRE-PURGE INFO:

Well Depth (ft btoc):	7.33	Depth to Water (ft btoc):	2.11
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	3 - 8
Pump Used:	0.75" Bladder	Depth of Pump (ft btoc):	6.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	0.50	Sample ID:	TMP-A-091525
Final Depth to Water (ft btoc):	3.28	Sample Time:	14:30

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
13:40	27.20	7.64	0.625	120	7.31	92.4	2.64	0.36	120	
13:45	26.89	7.59	1.67	49	7.02	61.9	2.60	0.84	120	
13:50	26.68	7.61	1.68	40	6.69	44.2	2.60	0.85	120	
13:55	26.62	7.55	1.70	39	6.44	37.2	2.65	0.86	120	
14:00	26.73	7.53	1.75	36	6.00	27.3	2.72	0.89	120	
14:05	26.93	7.51	1.80	29	5.69	19.1	2.81	0.91	120	
14:10	27.02	7.50	1.88	18	5.34	15.5	2.89	0.96	120	
14:15	27.30	7.49	1.93	8	5.01	8.5	2.95	0.98	120	
14:20	27.32	7.49	1.94	3	4.85	8.8	3.01	0.98	120	
14:25	27.49	7.49	1.96	-1	4.74	8.9	3.08	0.99	120	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	DMW-3	Date:	9/15/2025	
Field Personnel:	KD	Weather:	Sunny / 56-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	48.25	Depth to Water (ft btoc):	25.60
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	41 - 48
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	44.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	4.00	Sample ID:	DMW-3-091525
Final Depth to Water (ft btoc):	30.31	Sample Time:	13:00

WELL PURGE DATA:

Time 5 minute intervals	**Temperature (°C)**	**pH (units)**	**Conductivity (ms/cm)**	**REDOX (Eh-mV)**	**DO (mg/L)**	**Turbidity (NTU)**	**Depth to Water (ft)**	**Salinity (PPT)**	**Pumping Rate (ml/min)**	**Comment**
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
12:15	18.34	12.51	2.73	447	15.90	6.7	25.60	1.42	200	
12:20	17.59	12.55	2.78	433	14.46	4.8	26.90	1.44	200	
12:25	17.20	12.58	2.78	399	13.74	6.2	28.50	1.44	200	
12:30	18.17	12.56	2.68	380	12.35	7.4	29.30	1.38	200	
12:35	19.12	12.55	2.52	367	11.78	6.7	29.33	1.30	200	
12:40	18.53	12.56	2.47	360	12.01	5.6	29.37	1.26	200	
12:45	18.58	12.52	2.38	358	12.22	5.1	30.25	1.18	200	
12:50	18.81	12.50	2.38	354	12.15	4.7	30.29	1.11	200	
12:55	18.84	12.47	2.36	357	12.33	5.0	30.31	1.11	200	

LOW FLOW GROUND WATER PURGE/SAMPLING LOG

Former Binghamton Plastics Site, Binghamton, NY (5101.0003)

Project Name:	Dover - Binghamton	Project #:	5101.0003	Page 1 of 1
Monitoring Well:	DMW-4	Date:	9/15/2025	
Field Personnel:	AM	Weather:	Sunny / 52-77 F	

PRE-PURGE INFO:

Well Depth (ft btoc):	15.58	Depth to Water (ft btoc):	4.87
PID Beneath PVC Cap (ppm):	NA	Screened/Open Interval (ft btoc):	4 - 14
Pump Used:	1.75" Bladder	Depth of Pump (ft btoc):	9.00

POST-PURGE INFO:

Color:	Clear	Mn/MnO4 (mg/L):	NA
Volume Purged (gal):	2.00	Sample ID:	DMW-4-091525
Final Depth to Water (ft btoc):	5.09	Sample Time:	14:20

WELL PURGE DATA:

Time 5 minute intervals	Temperature (°C)	pH (units)	Conductivity (ms/cm)	REDOX (Eh-mV)	DO (mg/L)	Turbidity (NTU)	Depth to Water (ft)	Salinity (PPT)	Pumping Rate (ml/min)	Comment
	Reading	Reading	Reading	Reading	Reading	Reading	Reading			
	3%	0.1 unit	3%	10 mV	10%	10%	0.3 ft		100 - 500	
13:30	21.88	7.56	1.68	200	3.24	3.3	5.08	0.85	120	
13:35	21.74	7.53	1.69	202	2.81	2.3	5.08	0.85	120	
13:40	21.74	7.58	1.69	202	2.78	2.1	5.07	0.85	120	
13:45	21.70	7.58	1.70	203	2.70	1.8	5.07	0.86	120	
13:50	21.51	7.54	1.72	204	2.55	0.8	5.15	0.86	120	
13:55	21.60	7.57	1.72	206	2.56	0.5	5.15	0.87	120	
14:00	21.57	7.53	1.72	206	2.48	0.2	5.13	0.87	120	
14:05	21.61	7.54	1.72	207	2.49	0.3	5.13	0.87	120	
14:10	21.55	7.52	1.73	208	2.44	0.1	5.09	0.87	120	
14:15	21.57	7.53	1.73	208	2.49	0.0	5.09	0.87	120	

Appendix C

March 19, 2025 Service Request No:R2502494

Ms. Sarah MacCarter, LSRP
Verina Consulting Group, LLC
1011 US Highway 22, Suite 302
Bridgewater, NJ 08807

Laboratory Results for: Dover-Binghamton

Dear Ms.MacCarter, LSRP,

Enclosed are the results of the sample(s) submitted to our laboratory March 12, 2025
For your reference, these analyses have been assigned our service request number **R2502494.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

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dba ALS Environmental

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ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC
Project: Dover-Binghamton
Sample Matrix: Water

Service Request: R2502494
Date Received: 03/12/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 03/12/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

Method 8260D, R2502494-006: Sample(s) required dilution due to the foaming nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Approved by _____ Date 03/19/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2502494-001	MW-14-031125	3/11/2025	1120
R2502494-002	MW-13-031125	3/11/2025	1135
R2502494-003	MW-8-031125	3/11/2025	1330
R2502494-004	MW-9-031125	3/11/2025	1340
R2502494-005	MW-10-031125	3/11/2025	1540
R2502494-006	MW-16-031125	3/11/2025	1600
R2502494-007	MW-17-031125	3/11/2025	1700
R2502494-008	DUP-031125	3/11/2025	0000
R2502494-009	FB-031125	3/11/2025	1730
R2502494-010	TB-031125	3/11/2025	0000

Chain of Custody / Analytical Request Form

083340

SR#:

Page 1 of 1

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 • +1 585 288 5380 • alsglobal.com

Report To:

Company: Verina Consulting Group
Contact: Sarah MacCarter
Email: Smaccarter@vcg-llc.com
Phone: 908-864-4400
Address: 1011 US-Highway 22, Suite 302, Bridgewater NJ 08807

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Dover - Binghamton
Project Number: 5101.0003
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 0. None; 1. HCl; 2. HNO3; 3. H2SO4; 4. NAOH; 5. Zn Acet.; 6. MeOH; 7. NaHSO4; 8. Other

Lab ID (ALS)	Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	SSPL VOCs	1,4-dioxane					Notes:
	MW-14-031125	03/11/25	11:20	GW	5									X	X					1
	MW-13-031125	03/11/25	11:35	GW	5									X	X					1
	MW-8-031125	03/11/25	13:30	GW	5									X	X					0
	MW-9-031125	03/11/25	13:40	GW	3									X	1 AM					0
	MW-10-031125	03/11/25	15:40	GW	3									X						1
	MW-16-031125	03/11/25	16:00	GW	5									X	X					0
	MW-17-031125	03/11/25	17:00	GW	3									X						0
	DUP-031125	03/11/25	00:00	GW	5									X	X					0
	FB-031125	03/11/25	17:30	GW	3									X						1
	TB-031125	03/11/25	00:00	GW	2									X						1

Special Instructions / Comments:
- sodium thiosulfate added to all unpreserved SSPL VOC vials to be analyzed. 1,4-dioxane jars all have no preservative
- SSPL VOCs - "1,1-DCA", "1,1-DCE", "cis-1,2-DCE", "trans-1,2-DCE", "PCE", "TCE", "1,1,1-TCA", "VC"

Turnaround Requirements

____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements

X Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYSDEC EQuIS

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

R2502494 5
Verina Consulting Group, LLC
Dover-Binghamton

PO #: 5101.0003
Company: Verina Consulting Grap
Contact: Robert Gan
Email: rgan@vcg-llc.com
Phone: 908-864-4400
Address: 1011 US-22, Bridgewater NJ

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Anahi Munoz	Abbie Austin				
Company	Verina Consulting	ALS				
Date/Time	03/11/25@17:45	3/12/25 1020				

Distribution: White - Lab Copy; Yellow - Return to Originator

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R2502494 5
Verina Consulting Group, LLC
Dover-Binghamton

Cooler Receipt and Preservation Check Form

Project/Client_____ Folder Number_____.

Cooler received on 3/12/25 by: AA

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)	5a	Did **VOA** vials have sig* **bubbles?**	Y (N)	NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	(ALS/ROC)	CLIENT
4	Circle: (**Wet Ice**) **Dry Ice** **Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk Encore	5035set (NA)

8. Temperature Readings Date: 3/12/25 Time: 1133 ID: (IR#12) IR#11 From: Temp Blank (Sample Bottle)

Temp (°C)	5.3						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by AA on 3/12 at 11:44
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 3/12/25 Time: 1351 by: AA

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

Limits	Lot of test paper	Reagent	In Limits? Yes	In Limits? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
pH ≥12		NaOH								
pH ≤2		HNO_3								
pH ≤2		H_2SO_4								
pH <4		522 $NaHSO_4$								
pH 5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$	-	-						
		ZnAcetate	-	-						
		HCl	**	**	24008337	1/27				

**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 102824-1GJ, 102124-3AWA, 1222324-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: AA *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003		

Sample Name:	MW-14-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-001	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	MW-13-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-002	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	MW-8-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-003	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name:	MW-9-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-004	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003		

Sample Name:	MW-10-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-005	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	MW-16-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-006	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name:	MW-17-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-007	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	DUP-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-008	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003		

Sample Name:	DUP-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-008.R01	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	FB-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-009	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	TB-031125	**Date Collected:**	03/11/25
Lab Code:	R2502494-010	**Date Received:**	03/12/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C or 6010D	3005A/3010A
6020A or 6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C or 6010D	3050B
6020A or 6020B	3050B
6010C or 6010D TCLP (1311) extract	3005A/3010A
6010C or 6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-8-031125	**Units:**	ug/L
Lab Code:	R2502494-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.9**		1.0	0.20	1	03/13/25 14:29	
1,1-Dichloroethane (1,1-DCA)	**2.7**		1.0	0.20	1	03/13/25 14:29	
1,1-Dichloroethene (1,1-DCE)	**1.5**		1.0	0.20	1	03/13/25 14:29	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 14:29	
Trichloroethene (TCE)	**170**		1.0	0.20	1	03/13/25 14:29	
Vinyl Chloride	**0.31**	**J**	1.0	0.20	1	03/13/25 14:29	
cis-1,2-Dichloroethene	**67**		1.0	0.23	1	03/13/25 14:29	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 14:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/13/25 14:29	
Dibromofluoromethane	98	80 - 116	03/13/25 14:29	
Toluene-d8	96	87 - 121	03/13/25 14:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:40
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-9-031125	**Units:**	ug/L
Lab Code:	R2502494-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.20	1	03/13/25 14:53	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	03/13/25 14:53	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	03/13/25 14:53	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 14:53	
Trichloroethene (TCE)	**4.5**		1.0	0.20	1	03/13/25 14:53	
Vinyl Chloride	1.0	U	1.0	0.20	1	03/13/25 14:53	
cis-1,2-Dichloroethene	**0.25**	**J**	1.0	0.23	1	03/13/25 14:53	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 14:53	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	03/13/25 14:53	
Dibromofluoromethane	100	80 - 116	03/13/25 14:53	
Toluene-d8	101	87 - 121	03/13/25 14:53	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 16:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-16-031125	**Units:**	ug/L
Lab Code:	R2502494-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.6**	5.0	1.0	5	03/13/25 19:06	
1,1-Dichloroethane (1,1-DCA)	**18**	5.0	1.0	5	03/13/25 19:06	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.0	5	03/13/25 19:06	
Tetrachloroethene (PCE)	**2.2 J**	5.0	1.1	5	03/13/25 19:06	
Trichloroethene (TCE)	**1.5 J**	5.0	1.0	5	03/13/25 19:06	
Vinyl Chloride	5.0 U	5.0	1.0	5	03/13/25 19:06	
cis-1,2-Dichloroethene	**5.0**	5.0	1.2	5	03/13/25 19:06	
trans-1,2-Dichloroethene	5.0 U	5.0	1.0	5	03/13/25 19:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 19:06	
Dibromofluoromethane	99	80 - 116	03/13/25 19:06	
Toluene-d8	101	87 - 121	03/13/25 19:06	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 17:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-17-031125	**Units:**	ug/L
Lab Code:	R2502494-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.20	1	03/13/25 15:16	
1,1-Dichloroethane (1,1-DCA)	**1.7**		1.0	0.20	1	03/13/25 15:16	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	03/13/25 15:16	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 15:16	
Trichloroethene (TCE)	**0.60**	**J**	1.0	0.20	1	03/13/25 15:16	
Vinyl Chloride	1.0	U	1.0	0.20	1	03/13/25 15:16	
cis-1,2-Dichloroethene	**0.62**	**J**	1.0	0.23	1	03/13/25 15:16	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 15:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/25 15:16	
Dibromofluoromethane	98	80 - 116	03/13/25 15:16	
Toluene-d8	98	87 - 121	03/13/25 15:16	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**2.1**		1.0	0.20	1	03/13/25 15:39	
1,1-Dichloroethane (1,1-DCA)	**2.9**		1.0	0.20	1	03/13/25 15:39	
1,1-Dichloroethene (1,1-DCE)	**1.8**		1.0	0.20	1	03/13/25 15:39	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 15:39	
Trichloroethene (TCE)	**210**	**E**	1.0	0.20	1	03/13/25 15:39	
Vinyl Chloride	**0.49**	**J**	1.0	0.20	1	03/13/25 15:39	
cis-1,2-Dichloroethene	**83**		1.0	0.23	1	03/13/25 15:39	
trans-1,2-Dichloroethene	**0.25**	**J**	1.0	0.20	1	03/13/25 15:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	03/13/25 15:39	
Dibromofluoromethane	100	80 - 116	03/13/25 15:39	
Toluene-d8	100	87 - 121	03/13/25 15:39	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.9**	**DJ**	2.0	0.40	2	03/13/25 19:29	
1,1-Dichloroethane (1,1-DCA)	**2.6**	**D**	2.0	0.40	2	03/13/25 19:29	
1,1-Dichloroethene (1,1-DCE)	**1.8**	**DJ**	2.0	0.40	2	03/13/25 19:29	
Tetrachloroethene (PCE)	**0.50**	**DJ**	2.0	0.42	2	03/13/25 19:29	
Trichloroethene (TCE)	**200**	**D**	2.0	0.40	2	03/13/25 19:29	
Vinyl Chloride	**0.42**	**DJ**	2.0	0.40	2	03/13/25 19:29	
cis-1,2-Dichloroethene	**81**	**D**	2.0	0.46	2	03/13/25 19:29	
trans-1,2-Dichloroethene	2.0	U	2.0	0.40	2	03/13/25 19:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 19:29	
Dibromofluoromethane	100	80 - 116	03/13/25 19:29	
Toluene-d8	101	87 - 121	03/13/25 19:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 11:20
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-14-031125	**Units:**	ug/L
Lab Code:	R2502494-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 16:48	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 16:48	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 16:48	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 16:48	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 16:48	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 16:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 16:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 16:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 16:48	
Dibromofluoromethane	101	80 - 116	03/13/25 16:48	
Toluene-d8	99	87 - 121	03/13/25 16:48	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 11:35
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-13-031125	**Units:**	ug/L
Lab Code:	R2502494-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 17:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 17:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 17:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 17:11	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 17:11	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 17:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 17:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 17:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/25 17:11	
Dibromofluoromethane	97	80 - 116	03/13/25 17:11	
Toluene-d8	98	87 - 121	03/13/25 17:11	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 15:40
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-10-031125	**Units:**	ug/L
Lab Code:	R2502494-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.40 J**	1.0	0.20	1	03/13/25 17:34	
1,1-Dichloroethane (1,1-DCA)	**0.31 J**	1.0	0.20	1	03/13/25 17:34	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 17:34	
Tetrachloroethene (PCE)	**0.29 J**	1.0	0.21	1	03/13/25 17:34	
Trichloroethene (TCE)	**2.7**	1.0	0.20	1	03/13/25 17:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 17:34	
cis-1,2-Dichloroethene	**0.71 J**	1.0	0.23	1	03/13/25 17:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 17:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 17:34	
Dibromofluoromethane	98	80 - 116	03/13/25 17:34	
Toluene-d8	99	87 - 121	03/13/25 17:34	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 17:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	FB-031125	**Units:**	ug/L
Lab Code:	R2502494-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 13:43	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 13:43	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 13:43	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 13:43	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 13:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 13:43	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 13:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 13:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 13:43	
Dibromofluoromethane	99	80 - 116	03/13/25 13:43	
Toluene-d8	97	87 - 121	03/13/25 13:43	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	TB-031125	**Units:**	ug/L
Lab Code:	R2502494-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 14:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 14:06	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 14:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 14:06	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 14:06	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 14:06	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 14:06	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 14:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 14:06	
Dibromofluoromethane	98	80 - 116	03/13/25 14:06	
Toluene-d8	98	87 - 121	03/13/25 14:06	

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-8-031125	**Units:**	ug/L
Lab Code:	R2502494-003	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**2.9**	0.040	0.035	1	03/14/25 17:49	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	83	64 - 124	03/14/25 17:49	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 16:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-16-031125	**Units:**	ug/L
Lab Code:	R2502494-006	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**3.0**	0.13	0.12	1	03/14/25 18:06	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	84	64 - 124	03/14/25 18:06	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**2.7**	0.040	0.035	1	03/14/25 18:23	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	97	64 - 124	03/14/25 18:23	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-8-031125	R2502494-003	93	98	96
MW-9-031125	R2502494-004	100	100	101
MW-16-031125	R2502494-006	96	99	101
MW-17-031125	R2502494-007	95	98	98
DUP-031125	R2502494-008	98	100	100
DUP-031125 DL	R2502494-008	96	100	101
Lab Control Sample	RQ2502780-02	100	102	101
Method Blank	RQ2502780-04	102	106	104

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/13/25 12:48
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Method Blank	**Instrument ID:**	R-MS-17
Lab Code:	RQ2502780-04	**File ID:**	I:\ACQUDATA\MSVOA17\Data\031325\R0772.D\
Analysis Method:	8260D	**Analysis Lot:**	872635
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2502780-02	I:\ACQUDATA\MSVOA17\Data\031325\R0769.D\	03/13/25 11:38
MW-8-031125	R2502494-003	I:\ACQUDATA\MSVOA17\Data\031325\R0776.D\	03/13/25 14:29
MW-9-031125	R2502494-004	I:\ACQUDATA\MSVOA17\Data\031325\R0777.D\	03/13/25 14:53
MW-17-031125	R2502494-007	I:\ACQUDATA\MSVOA17\Data\031325\R0778.D\	03/13/25 15:16
DUP-031125	R2502494-008	I:\ACQUDATA\MSVOA17\Data\031325\R0779.D\	03/13/25 15:39
MW-16-031125	R2502494-006	I:\ACQUDATA\MSVOA17\Data\031325\R0788.D\	03/13/25 19:06
DUP-031125	R2502494-008	I:\ACQUDATA\MSVOA17\Data\031325\R0789.D\	03/13/25 19:29

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2502780-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 12:48	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 12:48	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 12:48	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 12:48	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 12:48	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 12:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 12:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 12:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	03/13/25 12:48	
Dibromofluoromethane	106	80 - 116	03/13/25 12:48	
Toluene-d8	104	87 - 121	03/13/25 12:48	

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/13/25 11:38
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-17
Lab Code:	RQ2502780-02	**File ID:**	I:\ACQUDATA\MSVOA17\Data\031325\R0769.D\
Analysis Method:	8260D	**Analysis Lot:**	872635
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2502780-04	I:\ACQUDATA\MSVOA17\Data\031325\R0772.D\	03/13/25 12:48
MW-8-031125	R2502494-003	I:\ACQUDATA\MSVOA17\Data\031325\R0776.D\	03/13/25 14:29
MW-9-031125	R2502494-004	I:\ACQUDATA\MSVOA17\Data\031325\R0777.D\	03/13/25 14:53
MW-17-031125	R2502494-007	I:\ACQUDATA\MSVOA17\Data\031325\R0778.D\	03/13/25 15:16
DUP-031125	R2502494-008	I:\ACQUDATA\MSVOA17\Data\031325\R0779.D\	03/13/25 15:39
MW-16-031125	R2502494-006	I:\ACQUDATA\MSVOA17\Data\031325\R0788.D\	03/13/25 19:06
DUP-031125	R2502494-008	I:\ACQUDATA\MSVOA17\Data\031325\R0789.D\	03/13/25 19:29

Client: Verina Consulting Group, LLC
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2502494
Date Analyzed: 03/13/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2502780-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	18.5	20.0	93	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	17.9	20.0	89	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	17.1	20.0	86	71-118
Tetrachloroethene (PCE)	8260D	17.8	20.0	89	72-125
Trichloroethene (TCE)	8260D	17.5	20.0	88	74-122
Vinyl Chloride	8260D	19.7	20.0	99	74-159
cis-1,2-Dichloroethene	8260D	17.9	20.0	89	80-121
trans-1,2-Dichloroethene	8260D	18.1	20.0	91	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003 **Date Analyzed:**03/13/25 11:05

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\ **Lab Code:**RQ2502780-01
Instrument ID: R-MS-17 **Analysis Lot:**872635
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	254,859	11.64	582,963	6.18	508,476	9.57
	Upper Limit ==>	509,718	11.81	1,165,926	6.35	1,016,952	9.74
	Lower Limit ==>	127,430	11.47	291,482	6.01	254,238	9.40
Associated Analyses							
Lab Control Sample	RQ2502780-02	245928	11.64	580813	6.18	493671	9.57
Method Blank	RQ2502780-04	223648	11.64	566907	6.18	482481	9.57
MW-8-031125	R2502494-003	220672	11.63	559917	6.18	474853	9.57
MW-9-031125	R2502494-004	229538	11.63	557183	6.18	477435	9.57
MW-17-031125	R2502494-007	234891	11.64	560934	6.18	482935	9.57
DUP-031125	R2502494-008	221598	11.64	552972	6.18	469633	9.57
MW-16-031125	R2502494-006	219303	11.64	550845	6.18	464007	9.57
DUP-031125	R2502494-008	226077	11.64	549829	6.18	468803	9.57

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003 **Date Analyzed:**03/13/25 11:05

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\ **Lab Code:**RQ2502780-01
Instrument ID: R-MS-17 **Analysis Lot:**872635
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	348,971	4.99
	Upper Limit ==>	697,942	5.16
	Lower Limit ==>	174,486	4.82
Associated Analyses			
Lab Control Sample	RQ2502780-02	347964	4.99
Method Blank	RQ2502780-04	340351	5.00
MW-8-031125	R2502494-003	332689	5.00
MW-9-031125	R2502494-004	335495	5.00
MW-17-031125	R2502494-007	335730	4.99
DUP-031125	R2502494-008	329872	5.00
MW-16-031125	R2502494-006	333661	5.00
DUP-031125	R2502494-008	328836	5.00

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-14-031125	R2502494-001	94	101	99
MW-13-031125	R2502494-002	95	97	98
MW-10-031125	R2502494-005	96	98	99
FB-031125	R2502494-009	94	99	97
TB-031125	R2502494-010	94	98	98
Lab Control Sample	RQ2502780-03	99	103	101
Method Blank	RQ2502780-05	96	98	98

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/13/25 13:11
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank **Instrument ID:** R-MS-17
Lab Code: RQ2502780-05 **File ID:** I:\ACQUDATA\MSVOA17\Data\031325\R0773.D\

Analysis Method: 8260D **Analysis Lot:** 872635
Prep Method: EPA 5030C

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2502780-03	I:\ACQUDATA\MSVOA17\Data\031325\R0770.D\	03/13/25 12:01
FB-031125	R2502494-009	I:\ACQUDATA\MSVOA17\Data\031325\R0774.D\	03/13/25 13:43
TB-031125	R2502494-010	I:\ACQUDATA\MSVOA17\Data\031325\R0775.D\	03/13/25 14:06
MW-14-031125	R2502494-001	I:\ACQUDATA\MSVOA17\Data\031325\R0782.D\	03/13/25 16:48
MW-13-031125	R2502494-002	I:\ACQUDATA\MSVOA17\Data\031325\R0783.D\	03/13/25 17:11
MW-10-031125	R2502494-005	I:\ACQUDATA\MSVOA17\Data\031325\R0784.D\	03/13/25 17:34

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2502780-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 13:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 13:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 13:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 13:11	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 13:11	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 13:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 13:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 13:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 13:11	
Dibromofluoromethane	98	80 - 116	03/13/25 13:11	
Toluene-d8	98	87 - 121	03/13/25 13:11	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/13/25 12:01
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-17
Lab Code:	RQ2502780-03	**File ID:**	I:\ACQUDATA\MSVOA17\Data\031325\R0770.D\
Analysis Method:	8260D	**Analysis Lot:**	872635
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2502780-05	I:\ACQUDATA\MSVOA17\Data\031325\R0773.D\	03/13/25 13:11
FB-031125	R2502494-009	I:\ACQUDATA\MSVOA17\Data\031325\R0774.D\	03/13/25 13:43
TB-031125	R2502494-010	I:\ACQUDATA\MSVOA17\Data\031325\R0775.D\	03/13/25 14:06
MW-14-031125	R2502494-001	I:\ACQUDATA\MSVOA17\Data\031325\R0782.D\	03/13/25 16:48
MW-13-031125	R2502494-002	I:\ACQUDATA\MSVOA17\Data\031325\R0783.D\	03/13/25 17:11
MW-10-031125	R2502494-005	I:\ACQUDATA\MSVOA17\Data\031325\R0784.D\	03/13/25 17:34

Client: Verina Consulting Group, LLC
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2502494
Date Analyzed: 03/13/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2502780-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	21.1	20.0	106	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	20.2	20.0	101	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	19.8	20.0	99	71-118
Tetrachloroethene (PCE)	8260D	20.0	20.0	100	72-125
Trichloroethene (TCE)	8260D	20.5	20.0	103	74-122
Vinyl Chloride	8260D	23.0	20.0	115	74-159
cis-1,2-Dichloroethene	8260D	20.6	20.0	103	80-121
trans-1,2-Dichloroethene	8260D	20.5	20.0	103	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003 **Date Analyzed:**03/13/25 11:05

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\ **Lab Code:**RQ2502780-01
Instrument ID: R-MS-17 **Analysis Lot:**872635
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	254,859	11.64	582,963	6.18	508,476	9.57
	Upper Limit ==>	509,718	11.81	1,165,926	6.35	1,016,952	9.74
	Lower Limit ==>	127,430	11.47	291,482	6.01	254,238	9.40
Associated Analyses							
Lab Control Sample	RQ2502780-03	239155	11.63	564076	6.18	484324	9.57
Method Blank	RQ2502780-05	223978	11.63	563577	6.18	479523	9.57
FB-031125	R2502494-009	232716	11.64	572340	6.18	481997	9.57
TB-031125	R2502494-010	214596	11.63	552327	6.18	462879	9.57
MW-14-031125	R2502494-001	219069	11.63	534623	6.18	457652	9.57
MW-13-031125	R2502494-002	221947	11.64	554002	6.18	472383	9.57
MW-10-031125	R2502494-005	225106	11.64	554376	6.18	478268	9.57

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003 **Date Analyzed:**03/13/25 11:05

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\ **Lab Code:**RQ2502780-01
Instrument ID: R-MS-17 **Analysis Lot:**872635
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	348,971	4.99
	Upper Limit ==>	697,942	5.16
	Lower Limit ==>	174,486	4.82
Associated Analyses			
Lab Control Sample	RQ2502780-03	338739	5.00
Method Blank	RQ2502780-05	335795	5.00
FB-031125	R2502494-009	342893	4.99
TB-031125	R2502494-010	330442	5.00
MW-14-031125	R2502494-001	322501	5.00
MW-13-031125	R2502494-002	329355	5.00
MW-10-031125	R2502494-005	332411	4.99

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Extraction Method: EPA 3535A

		Tetrahydrofuran-d8 (SUR)
Sample Name	**Lab Code**	**64 - 124**
MW-8-031125	R2502494-003	83
MW-16-031125	R2502494-006	84
DUP-031125	R2502494-008	97
Method Blank	RQ2502811-01	79
Lab Control Sample	RQ2502811-02	104
Duplicate Lab Control Sample	RQ2502811-03	100

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/14/25 16:59
Sample Matrix:	Water	**Date Extracted:**	03/14/25

Method Blank Summary
1,4-Dioxane by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-56
Lab Code:	RQ2502811-01	**File ID:**	I:\ACQUDATA\5975E\data\031425\BM91687.D\
Analysis Method:	8270E SIM	**Analysis Lot:**	872963
Prep Method:	EPA 3535A	**Extraction Lot:**	453857

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2502811-02	I:\ACQUDATA\5975E\data\031425\BM91688.D\	03/14/25 17:16
Duplicate Lab Control Sample	RQ2502811-03	I:\ACQUDATA\5975E\data\031425\BM91689.D\	03/14/25 17:33
MW-8-031125	R2502494-003	I:\ACQUDATA\5975E\data\031425\BM91690.D\	03/14/25 17:49
MW-16-031125	R2502494-006	I:\ACQUDATA\5975E\data\031425\BM91691.D\	03/14/25 18:06
DUP-031125	R2502494-008	I:\ACQUDATA\5975E\data\031425\BM91692.D\	03/14/25 18:23

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2502811-01	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	03/14/25 16:59	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	79	64 - 124	03/14/25 16:59	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/14/25 17:16
Sample Matrix:	Water	**Date Extracted:**	03/14/25

Lab Control Sample Summary
1,4-Dioxane by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-56
Lab Code:	RQ2502811-02	**File ID:**	I:\ACQUDATA\5975E\data\031425\BM91688.D\
Analysis Method:	8270E SIM	**Analysis Lot:**	872963
Prep Method:	EPA 3535A	**Extraction Lot:**	453857

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2502811-01	I:\ACQUDATA\5975E\data\031425\BM91687.D\	03/14/25 16:59
Duplicate Lab Control Sample	RQ2502811-03	I:\ACQUDATA\5975E\data\031425\BM91689.D\	03/14/25 17:33
MW-8-031125	R2502494-003	I:\ACQUDATA\5975E\data\031425\BM91690.D\	03/14/25 17:49
MW-16-031125	R2502494-006	I:\ACQUDATA\5975E\data\031425\BM91691.D\	03/14/25 18:06
DUP-031125	R2502494-008	I:\ACQUDATA\5975E\data\031425\BM91692.D\	03/14/25 18:23

Client: Verina Consulting Group, LLC
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2502494
Date Analyzed: 03/14/25

Duplicate Lab Control Sample Summary
1,4-Dioxane by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2502811-02			RQ2502811-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,4-Dioxane	8270E SIM	9.32	10.0	93	9.50	10.0	95	58-124	2	30

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003 **Date Analyzed:**03/14/25 16:42

Internal Standard Area and RT SUMMARY
1,4-Dioxane by GC/MS

File ID: I:\ACQUDATA\5975E\data\031425\BM91686.D\ **Lab Code:**RQ2502871-01
Instrument ID: R-MS-56 **Analysis Lot:**872963
Analysis Method: 8270E SIM **Signal ID:**1

		Toluene-d8	
		Area	**RT**
	Result ==>	332,751	5.68
	Upper Limit ==>	665,502	6.18
	Lower Limit ==>	166,376	5.18
Associated Analyses			
Continuing Calibration Verification	RQ2502871-01	332751	5.68
Method Blank	RQ2502811-01	326192	5.68
Lab Control Sample	RQ2502811-02	349779	5.70
Duplicate Lab Control Sample	RQ2502811-03	329234	5.69
MW-8-031125	R2502494-003	316779	5.68
MW-16-031125	R2502494-006	333827	5.70
DUP-031125	R2502494-008	321216	5.69

Raw Data

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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www.alsglobal.com

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 11:20
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-14-031125	**Units:**	ug/L
Lab Code:	R2502494-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 16:48	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 16:48	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 16:48	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 16:48	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 16:48	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 16:48	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 16:48	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 16:48	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 16:48	
Dibromofluoromethane	101	80 - 116	03/13/25 16:48	
Toluene-d8	99	87 - 121	03/13/25 16:48	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 11:35
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-13-031125	**Units:**	ug/L
Lab Code:	R2502494-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 17:11	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 17:11	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 17:11	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 17:11	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 17:11	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 17:11	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 17:11	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 17:11	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/25 17:11	
Dibromofluoromethane	97	80 - 116	03/13/25 17:11	
Toluene-d8	98	87 - 121	03/13/25 17:11	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 15:40
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-10-031125	**Units:**	ug/L
Lab Code:	R2502494-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.40 J**	1.0	0.20	1	03/13/25 17:34	
1,1-Dichloroethane (1,1-DCA)	**0.31 J**	1.0	0.20	1	03/13/25 17:34	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 17:34	
Tetrachloroethene (PCE)	**0.29 J**	1.0	0.21	1	03/13/25 17:34	
Trichloroethene (TCE)	**2.7**	1.0	0.20	1	03/13/25 17:34	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 17:34	
cis-1,2-Dichloroethene	**0.71 J**	1.0	0.23	1	03/13/25 17:34	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 17:34	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 17:34	
Dibromofluoromethane	98	80 - 116	03/13/25 17:34	
Toluene-d8	99	87 - 121	03/13/25 17:34	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 17:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	FB-031125	**Units:**	ug/L
Lab Code:	R2502494-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 13:43	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 13:43	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 13:43	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 13:43	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 13:43	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 13:43	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 13:43	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 13:43	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 13:43	
Dibromofluoromethane	99	80 - 116	03/13/25 13:43	
Toluene-d8	97	87 - 121	03/13/25 13:43	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	TB-031125	**Units:**	ug/L
Lab Code:	R2502494-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	03/13/25 14:06	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	03/13/25 14:06	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	03/13/25 14:06	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	03/13/25 14:06	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	03/13/25 14:06	
Vinyl Chloride	1.0 U	1.0	0.20	1	03/13/25 14:06	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	03/13/25 14:06	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	03/13/25 14:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/25 14:06	
Dibromofluoromethane	98	80 - 116	03/13/25 14:06	
Toluene-d8	98	87 - 121	03/13/25 14:06	

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0782.D
Acq On : 13 Mar 2025 04:48 pm
Operator : K.Ruest
Sample : R2502494-001
Misc : VERINA 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 17:28:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

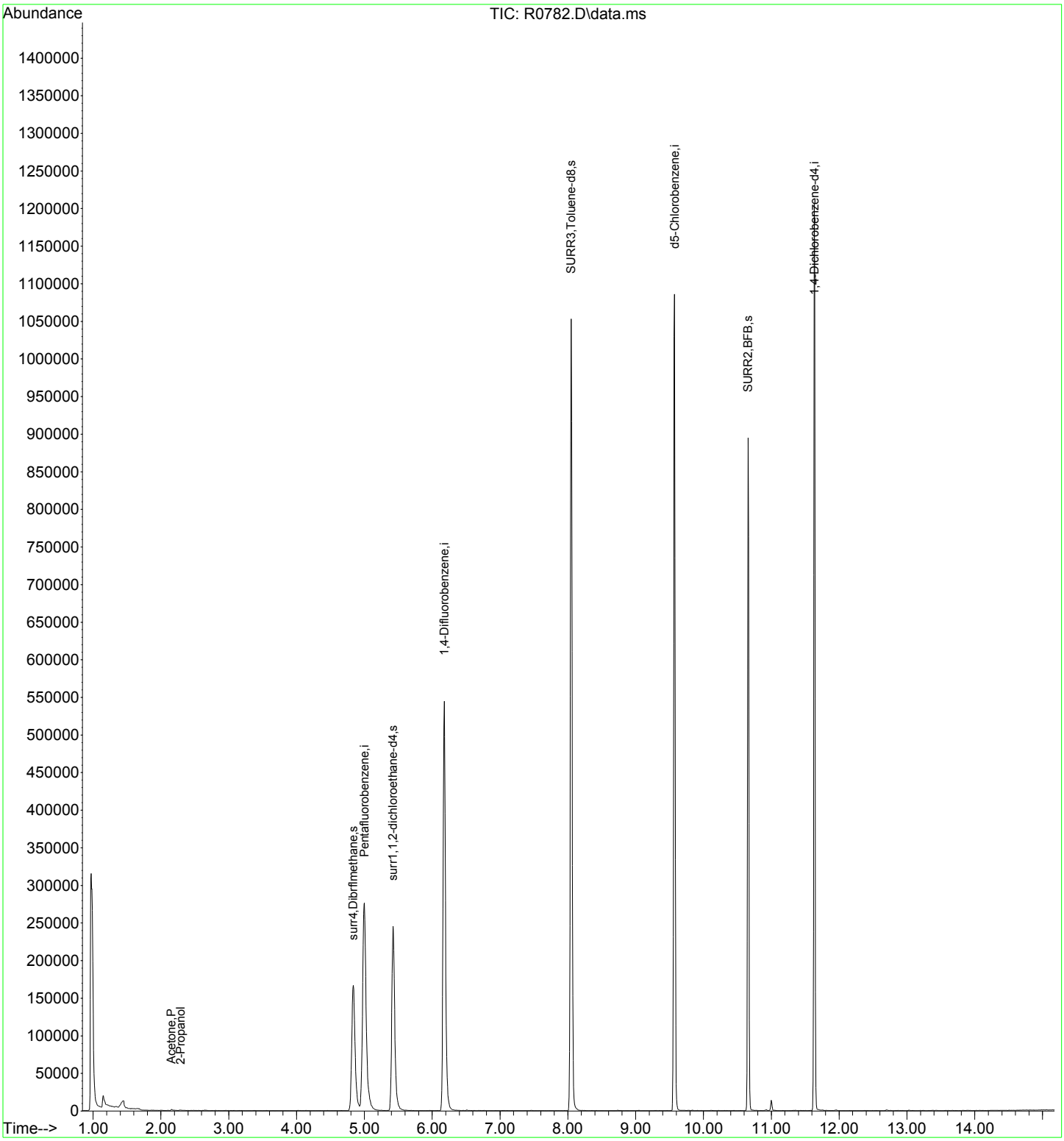
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	322501	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	534623	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	457652	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	219069	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	179115	50.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.56%			
47) surr1,1,2-dichloroetha...	5.422	65	265601	52.81	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 105.62%			
64) SURR3,Toluene-d8	8.049	98	621533	49.71	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 99.42%			
69) SURR2,BFB	10.658	95	225278	47.23	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 94.46%			
Target Compounds						Qvalue
16) Acetone	2.154	43	1555	0.559	ug/L	91
17) 2-Propanol	2.288	45	706	1.648	ug/L	69

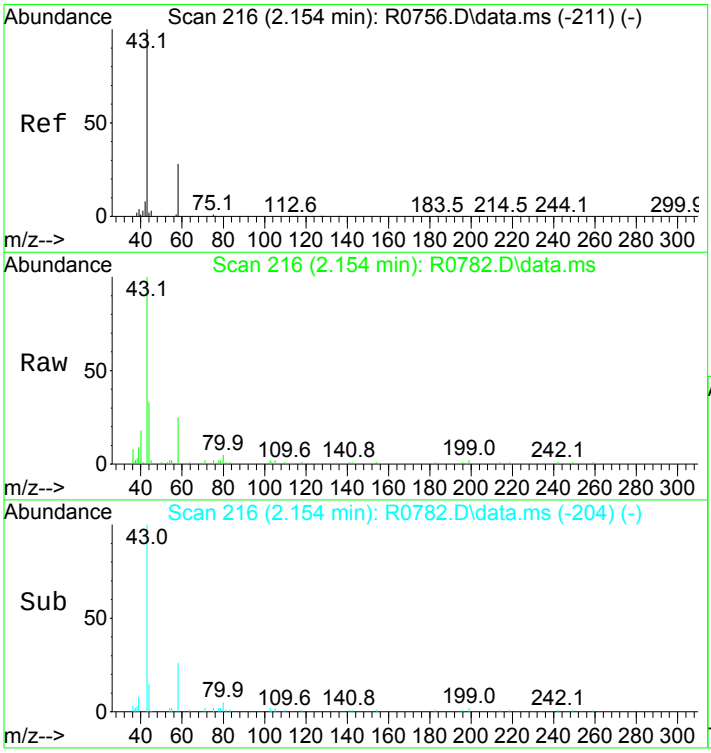
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0782.D
Acq On : 13 Mar 2025 04:48 pm
Operator : K.Ruest
Sample : R2502494-001
Misc : VERINA 8260 T4
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 17:28:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

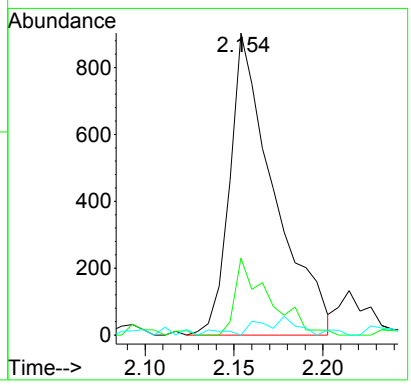


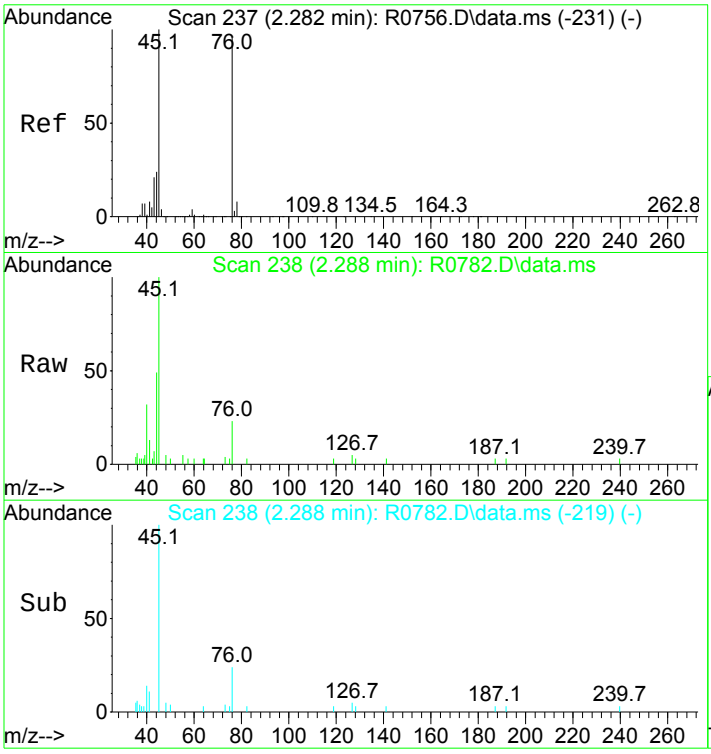


#16
Acetone
Concen: 0.56 ug/L
RT: 2.154 min Scan# 216
Delta R.T. -0.000 min
Lab File: R0782.D
Acq: 13 Mar 2025 04:48 pm

Tgt Ion: 43 Resp: 1555

Ion	Ratio	Lower	Upper
43	100		
58	25.5	8.0	48.0
42	0.0	0.0	27.8

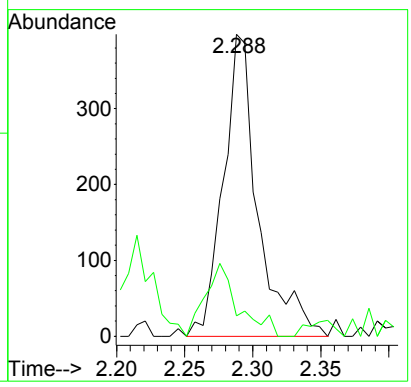




#17
2-Propanol
Concen: 1.65 ug/L
RT: 2.288 min Scan# 238
Delta R.T. 0.006 min
Lab File: R0782.D
Acq: 13 Mar 2025 04:48 pm

Tgt Ion: 45 Resp: 706

Ion	Ratio	Lower	Upper
45	100		
43	6.8	1.5	41.5



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0783.D
Acq On : 13 Mar 2025 05:11 pm
Operator : K.Ruest
Sample : R2502494-002
Misc : VERINA 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 17:29:05 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

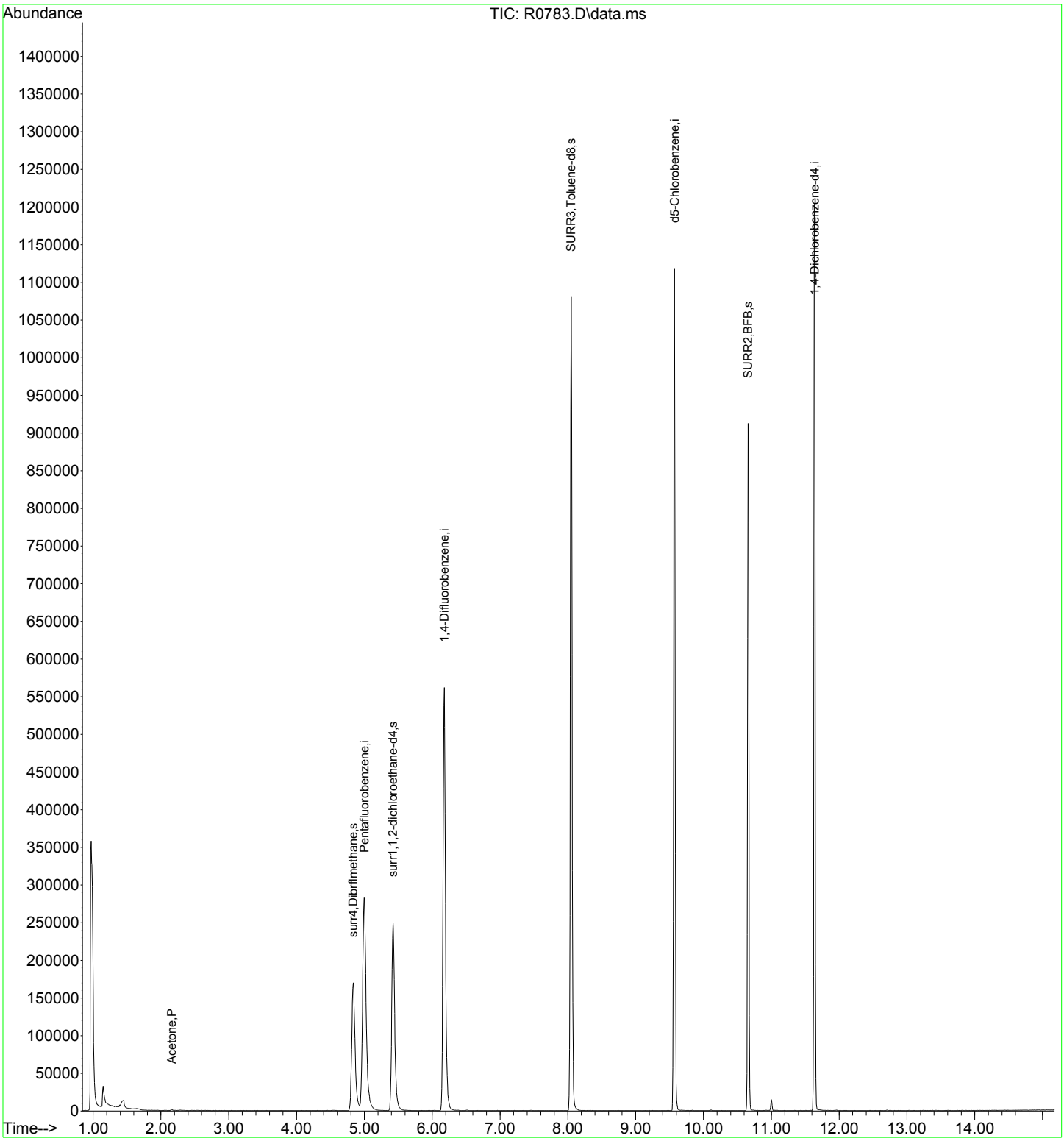
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	329355	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	554002	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	472383	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	221947	50.00	ug/L	# 0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	178834	48.45	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 96.90%			
47) surr1,1,2-dichloroetha...	5.422	65	269358	51.68	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.36%			
64) SURR3,Toluene-d8	8.049	98	632118	48.79	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 97.58%			
69) SURR2,BFB	10.658	95	234261	47.39	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 94.78%			
Target Compounds						Qvalue
16) Acetone	2.160	43	1760	0.620	ug/L	96

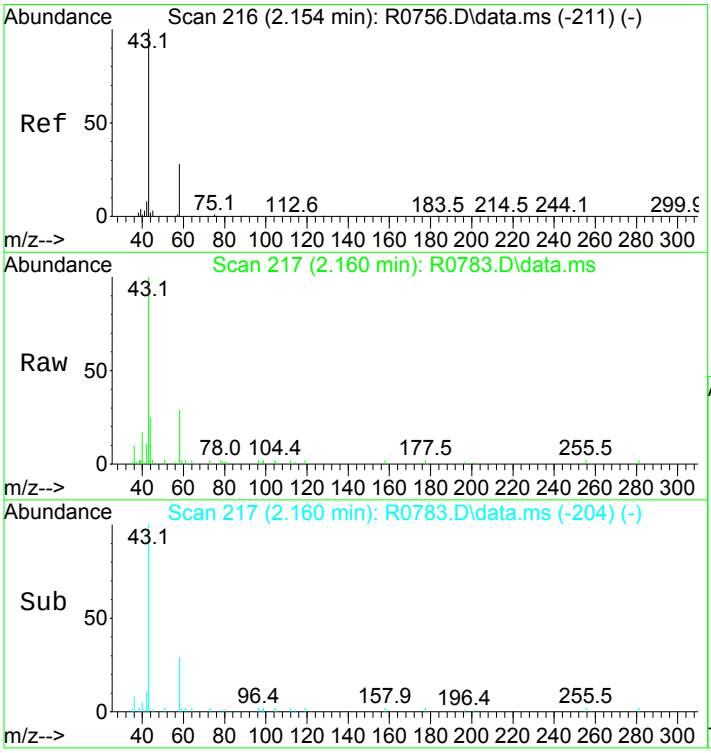
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0783.D
Acq On : 13 Mar 2025 05:11 pm
Operator : K.Ruest
Sample : R2502494-002
Misc : VERINA 8260 T4
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 17:29:05 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

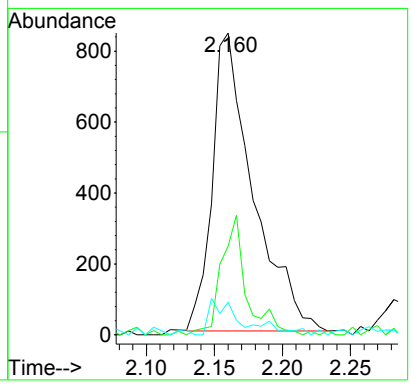




#16
Acetone
Concen: 0.62 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0783.D
Acq: 13 Mar 2025 05:11 pm

Tgt Ion: 43 Resp: 1760

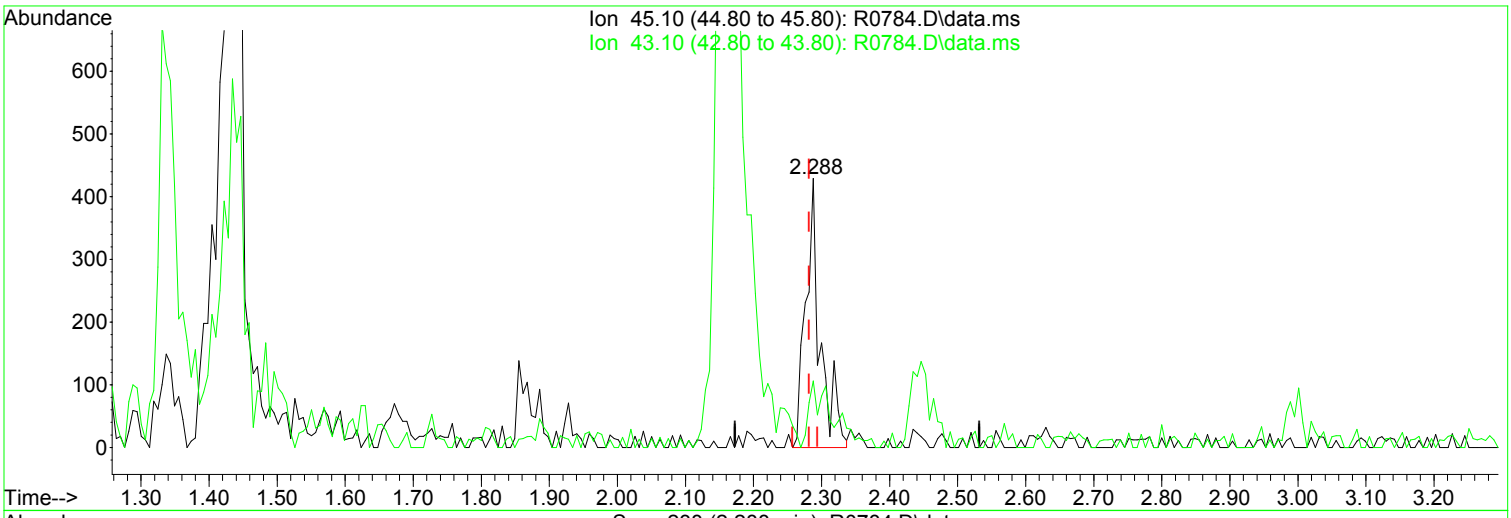
Ion	Ratio	Lower	Upper
43	100		
58	29.4	8.0	48.0
42	10.8	0.0	27.8



Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



TIC: R0784.D\data.ms

(17) 2-Propanol

2.288min (+ 0.006) 1.44 ug/L m

response 636

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	24.71
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

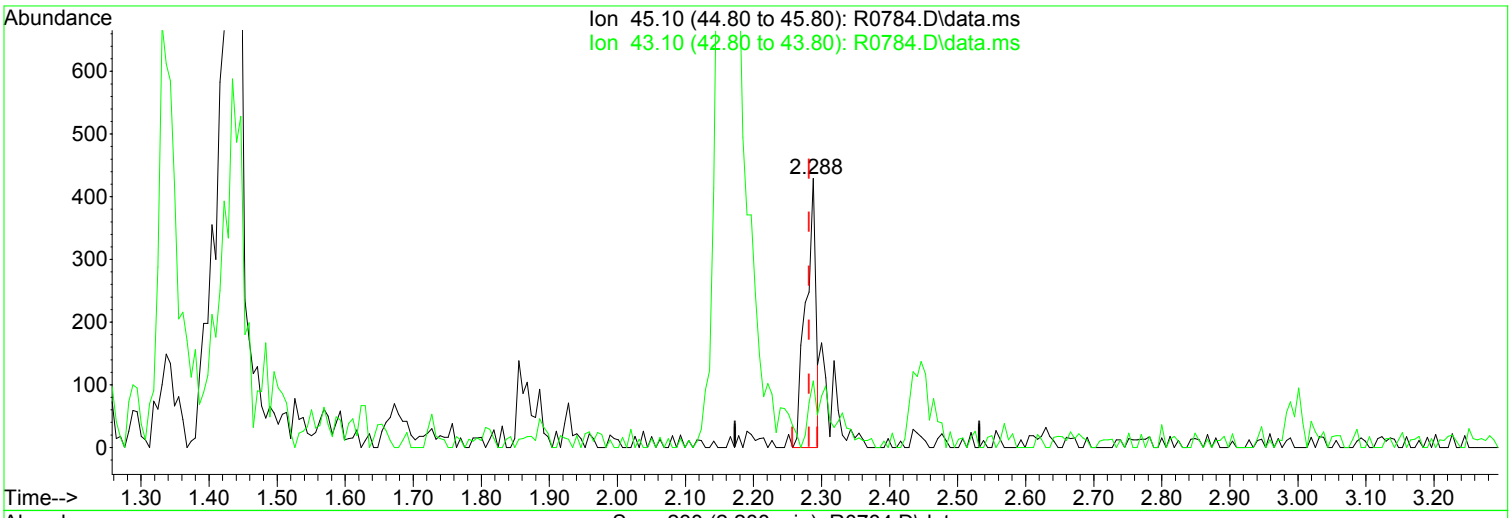
Poor integration.

03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



TIC: R0784.D\data.ms

(17) 2-Propanol

2.288min (+ 0.006) 1.01 ug/L

response 445

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	24.71
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

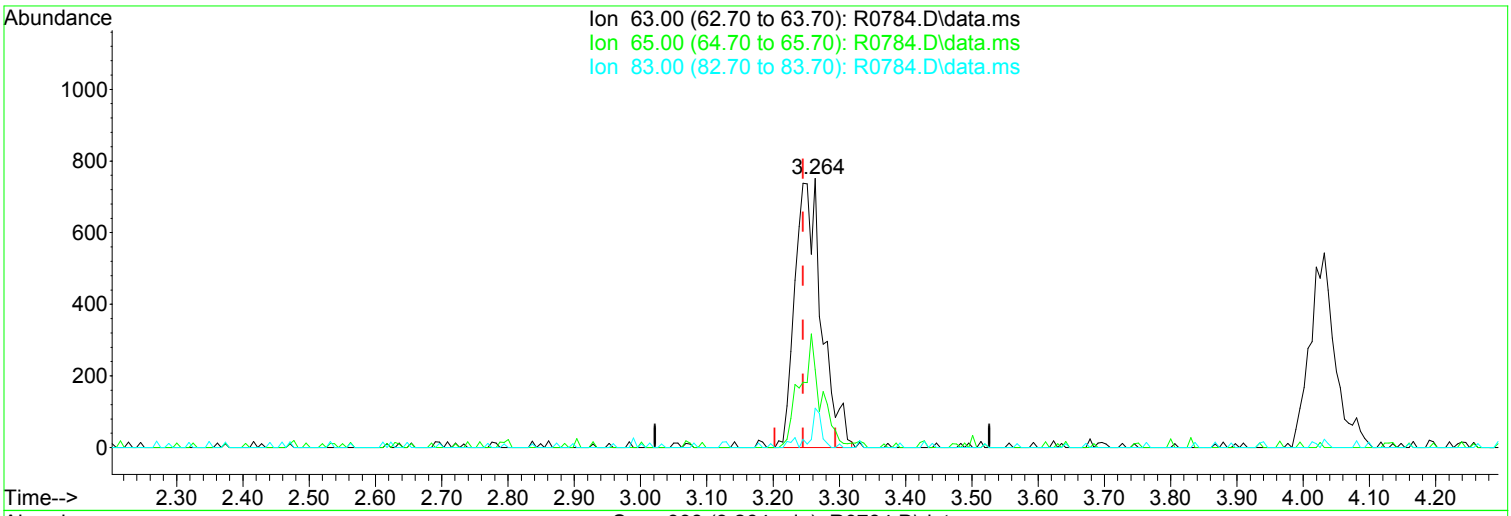
Before

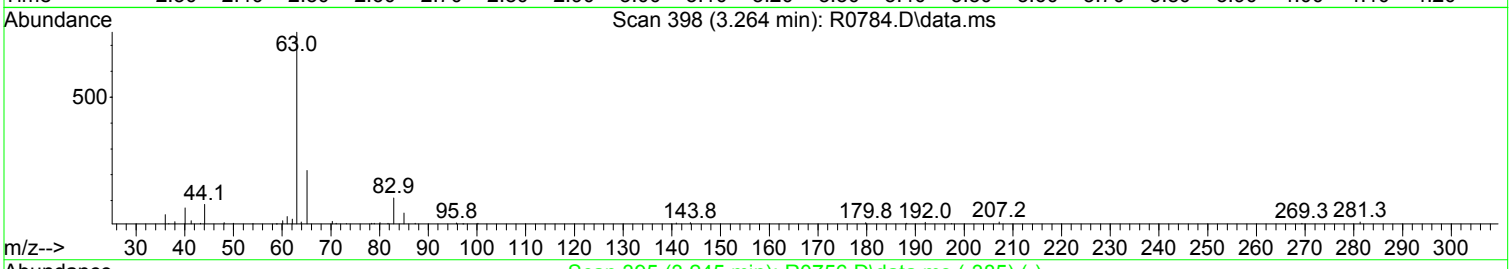
03/17/25

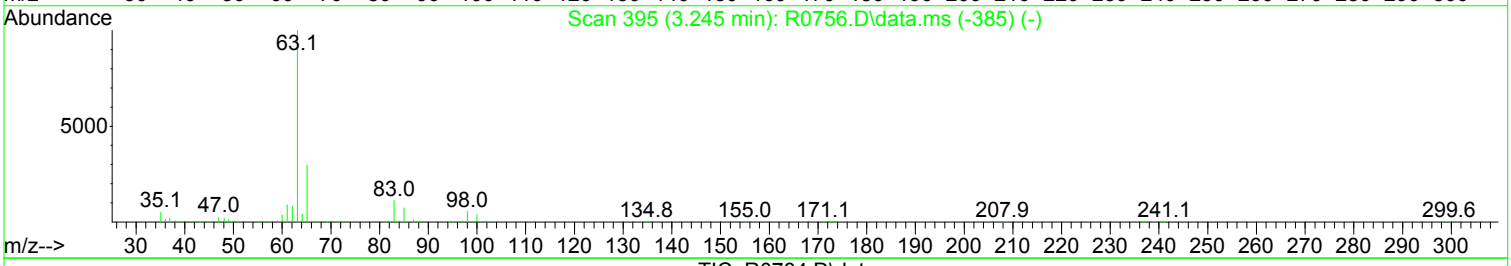
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0784.D\data.ms

(27) 1,1-Diclethane (P)

3.264min (+ 0.018) 0.31 ug/L m

response 2095

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	29.90	28.89
83.00	11.20	14.65
0.00	0.00	0.00

Manual Integration:

After

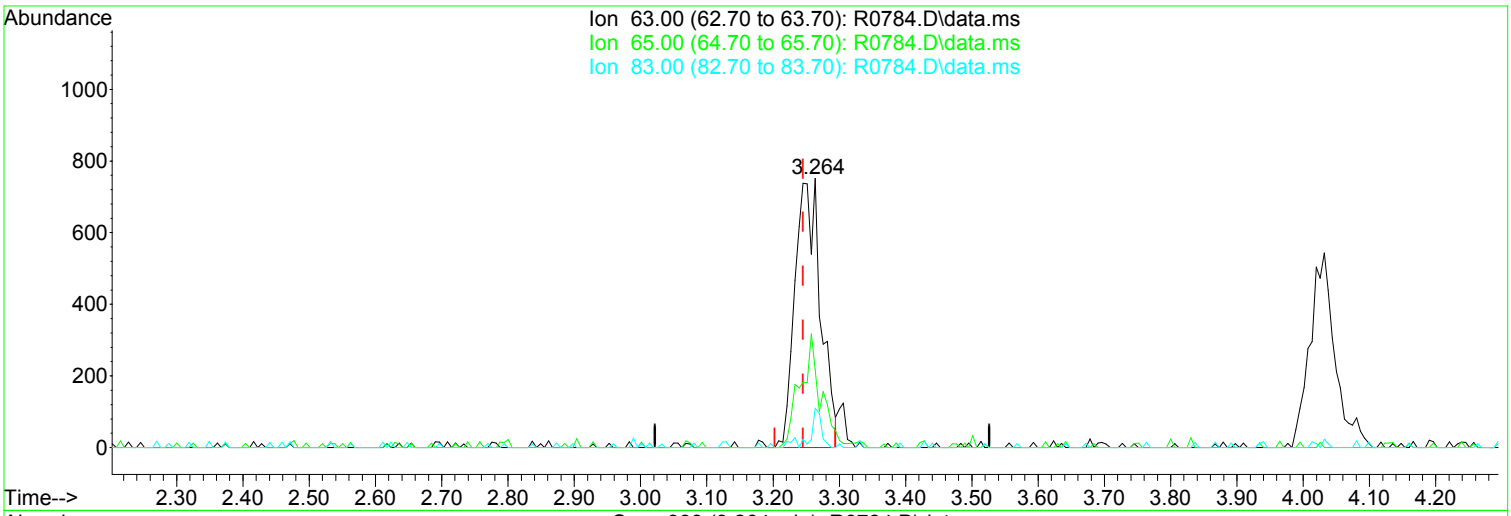
Poor integration.

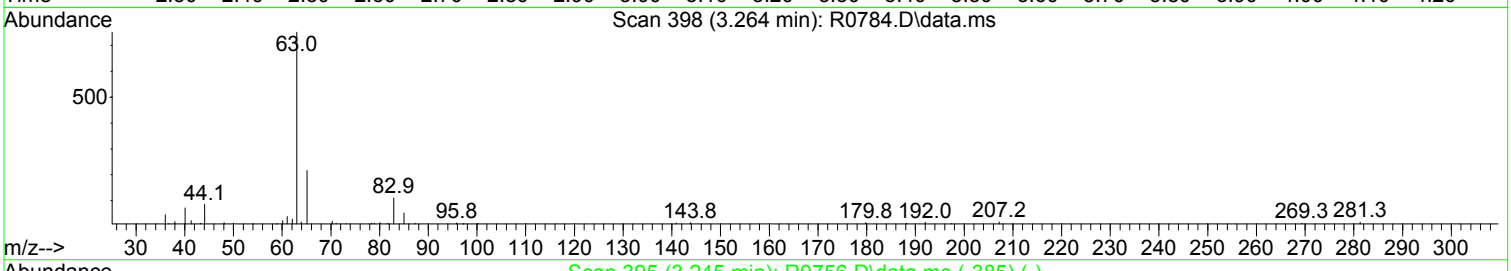
03/17/25

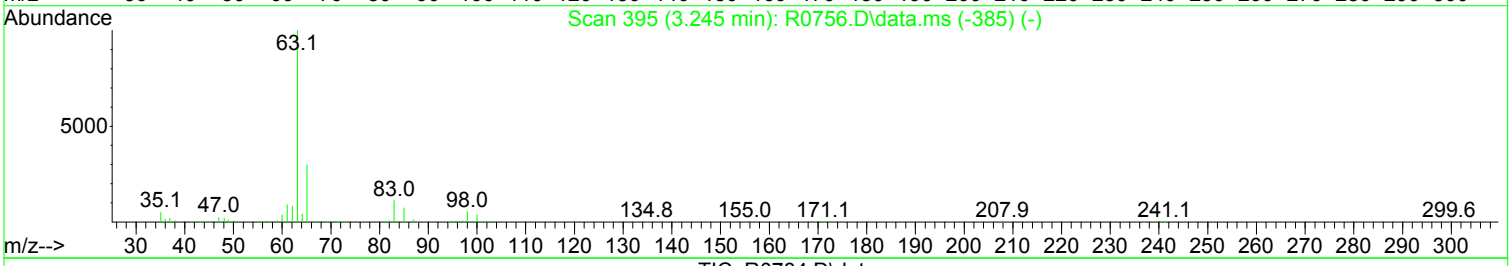
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0784.D\data.ms

(27) 1,1-Diclethane (P)

3.264min (+ 0.018) 0.30 ug/L

response 1996

Ion	Exp%	Act%
63.00	100.00	100.00
65.00	29.90	28.89
83.00	11.20	14.65
0.00	0.00	0.00

Manual Integration:

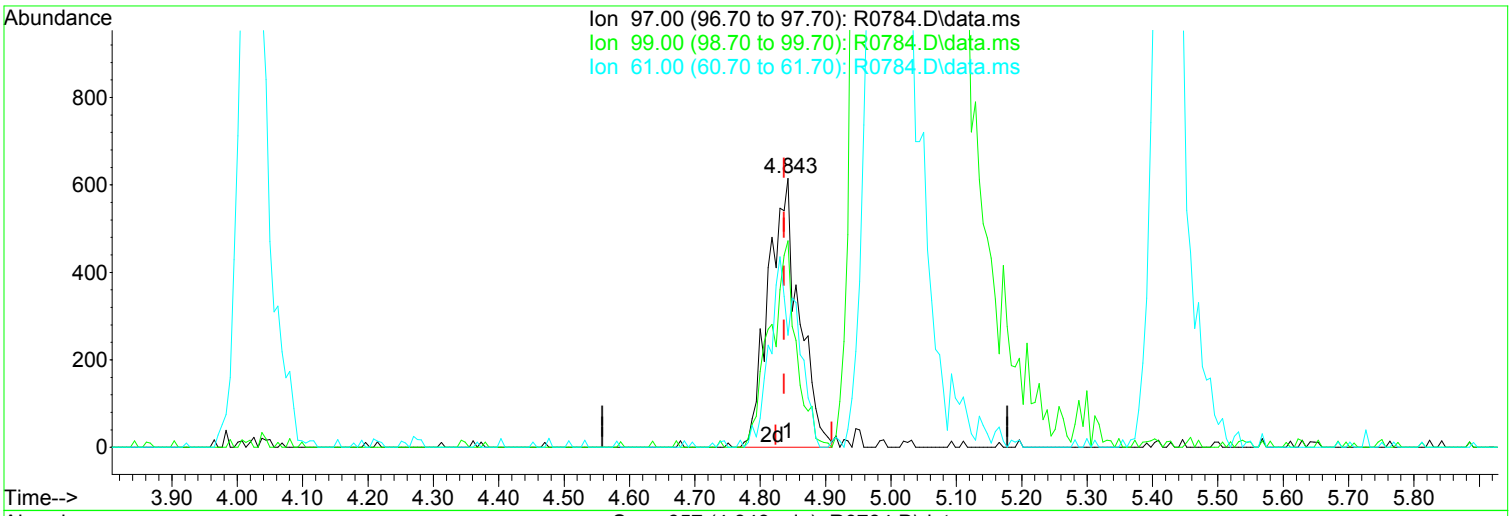
Before

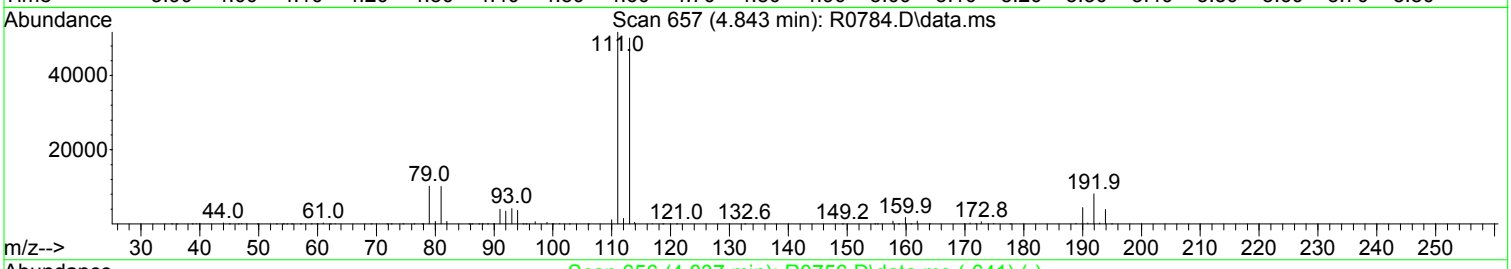
03/17/25

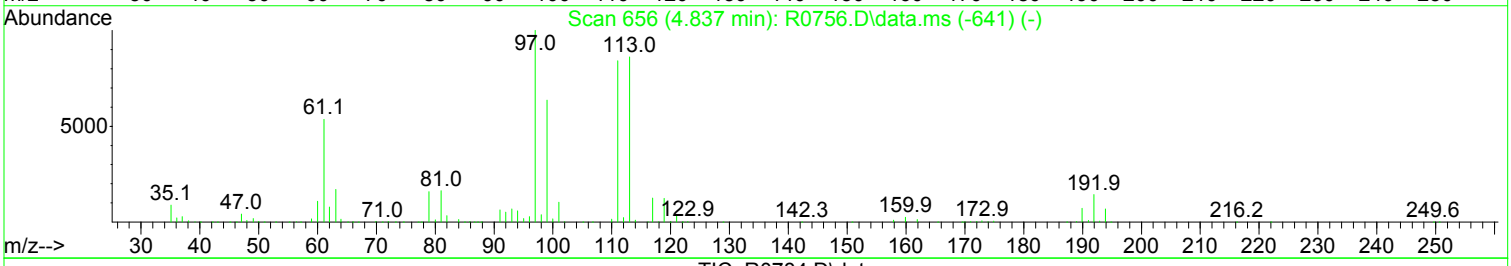
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0784.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.843min (+ 0.006) 0.40 ug/L m

response 2007

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.60	76.75
61.00	53.60	41.63
0.00	0.00	0.00

Manual Integration:

After

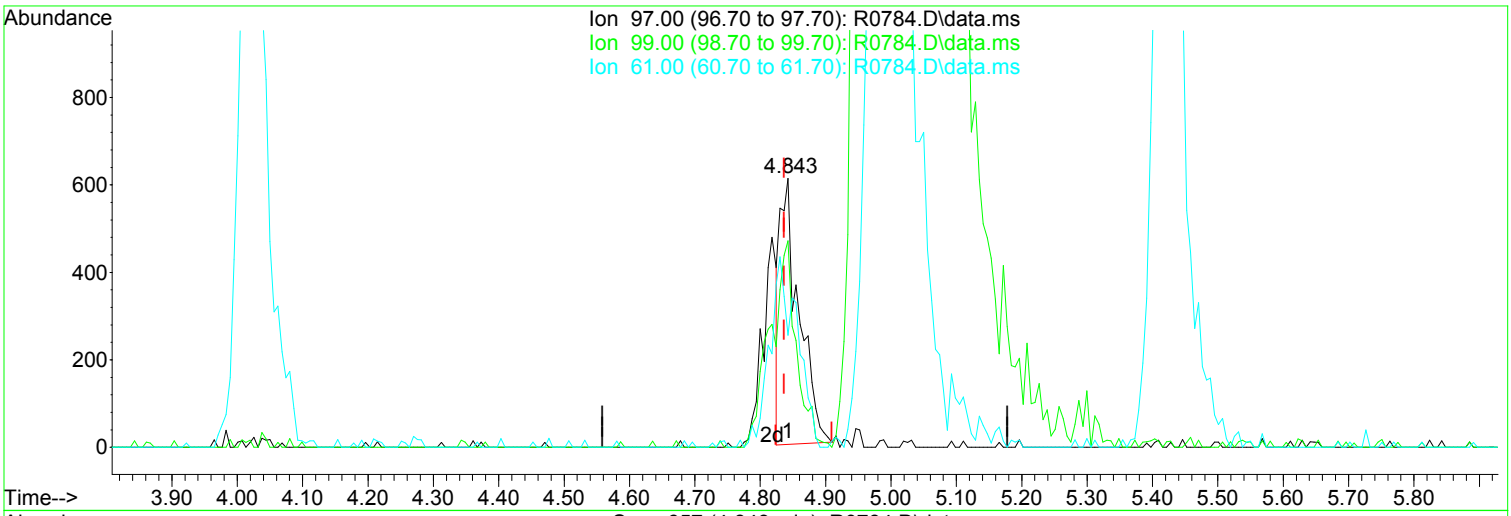
Split Peak.

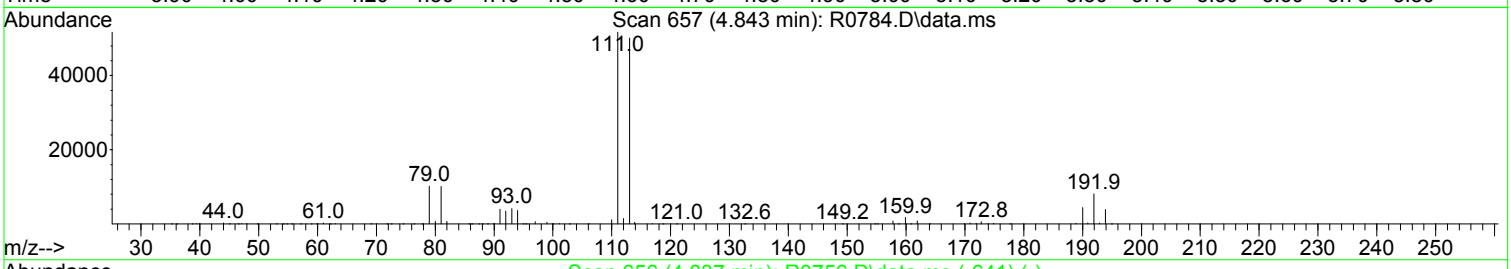
03/17/25

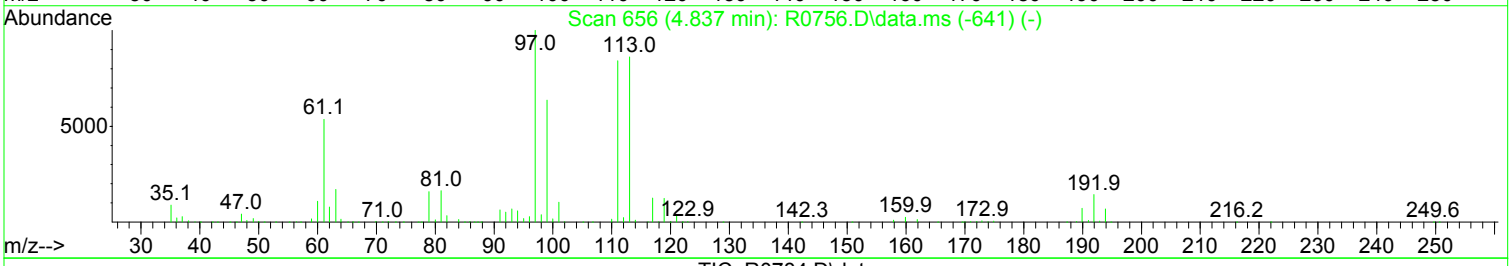
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0784.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.843min (+ 0.006) 0.25 ug/L

response 1243

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.60	76.75
61.00	53.60	41.63
0.00	0.00	0.00

Manual Integration:

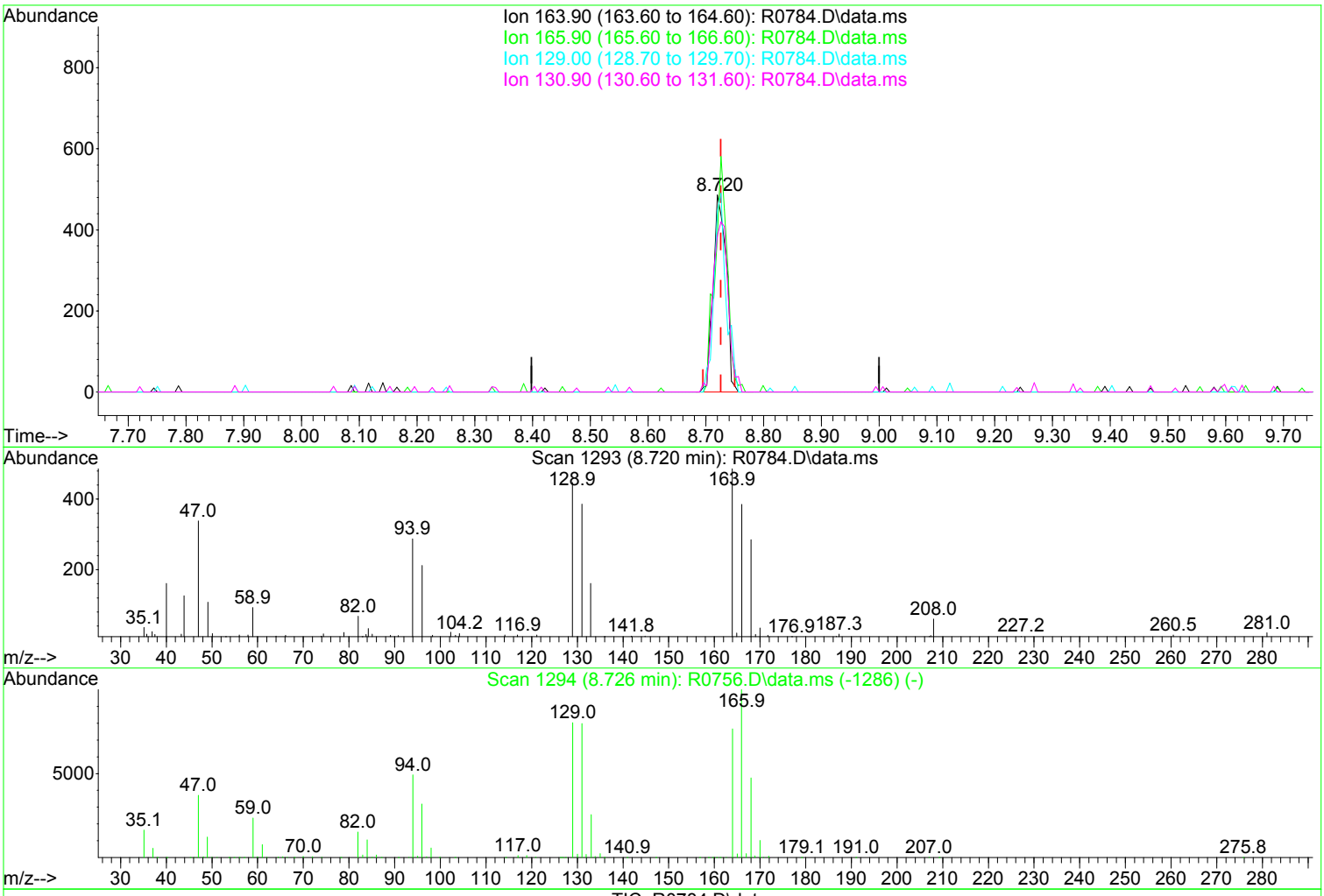
Before

03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



TIC: R0784.D\data.ms

(71) Tetrachloroethene (P)

8.720min (-0.006) 0.29 ug/L m

response 766

Ion	Exp%	Act%
163.90	100.00	100.00
165.90	130.60	79.22#
129.00	104.70	91.98
130.90	104.20	79.42#

Manual Integration:

After

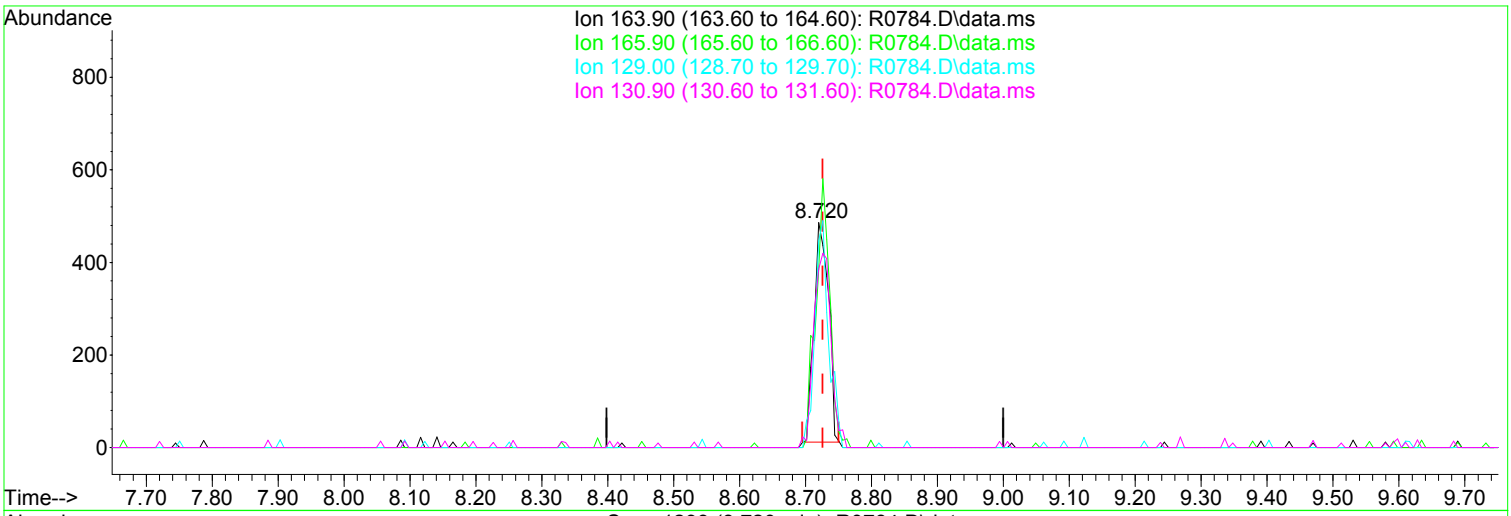
Poor integration.

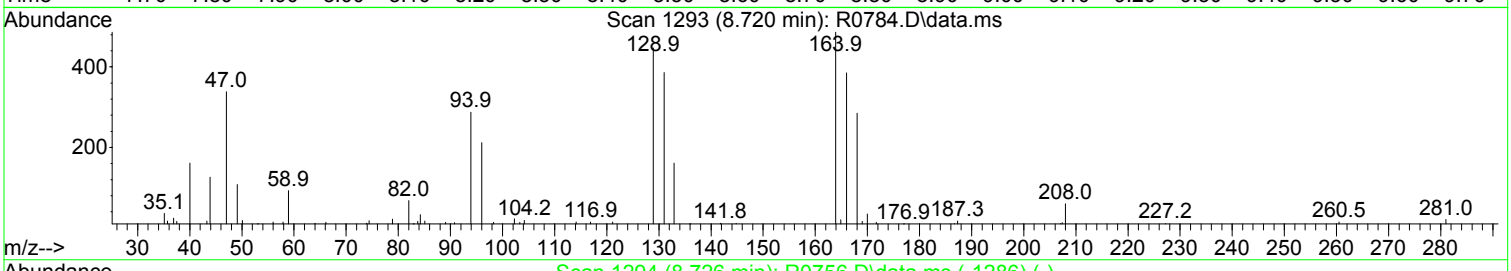
03/17/25

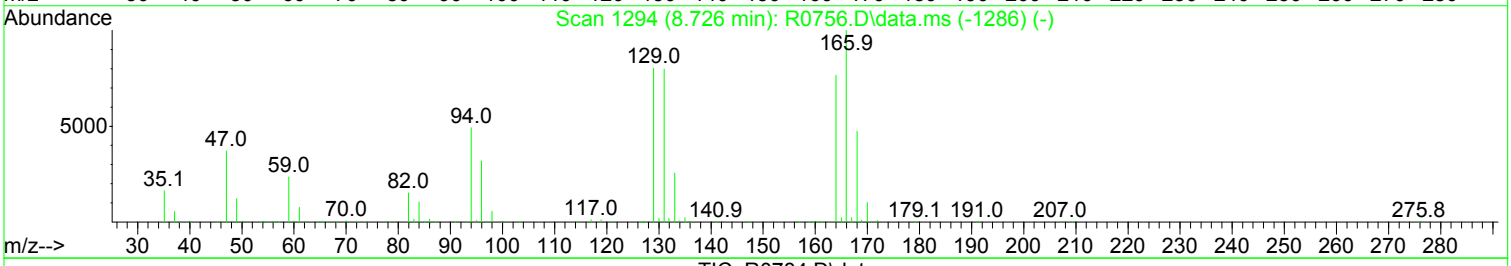
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0784.D\data.ms

(71) Tetrachloroethene (P)

8.720min (-0.006) 0.27 ug/L

response 722

Ion	Exp%	Act%
163.90	100.00	100.00
165.90	130.60	79.22#
129.00	104.70	91.98
130.90	104.20	79.42#

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

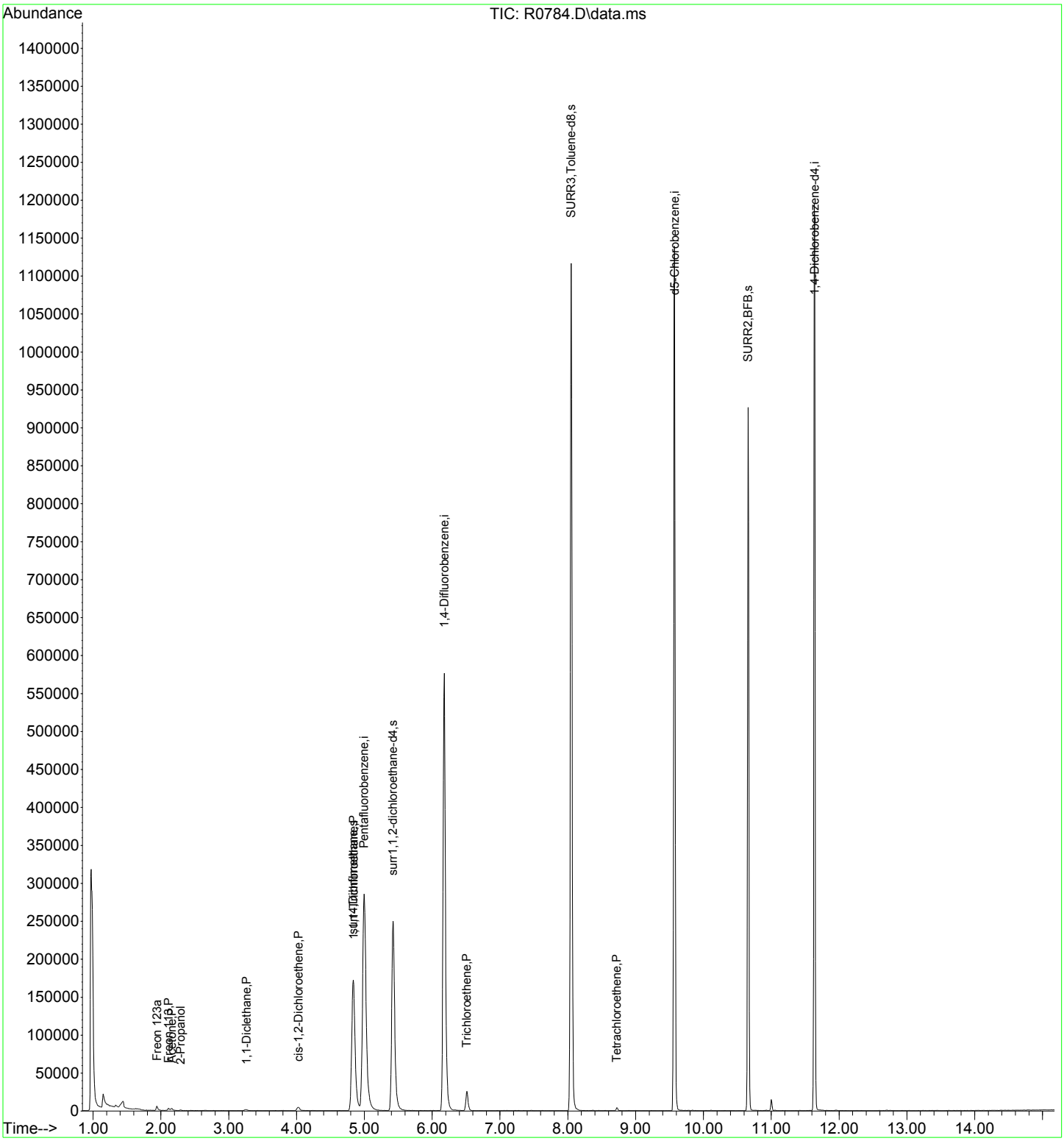
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	332411	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	554376	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	478268	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	225106	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	181673	49.18	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 98.36%				
47) surr1,1,2-dichloroetha...	5.422	65	269169	51.61	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.22%				
64) SURR3,Toluene-d8	8.049	98	642997	49.60	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 99.20%				
69) SURR2,BFB	10.659	95	236868	47.89	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 95.78%				
Target Compounds							Qvalue
11) Freon 123a	1.941	67	2885	0.842	ug/L		98
15) Freon 113	2.111	101	1105	0.354	ug/L		83
16) Acetone	2.160	43	3596	1.255	ug/L		94
17) 2-Propanol	2.288	45	636m	1.441	ug/L		
27) 1,1-Diclethane	3.264	63	2095m	0.310	ug/L		
33) cis-1,2-Dichloroethene	4.026	96	2497	0.713	ug/L	#	81
40) 1,1,1-Trichloroethane	4.843	97	2007m	0.396	ug/L		
53) Trichloroethene	6.507	130	9884	2.730	ug/L		92
71) Tetrachloroethene	8.720	164	766m	0.290	ug/L		

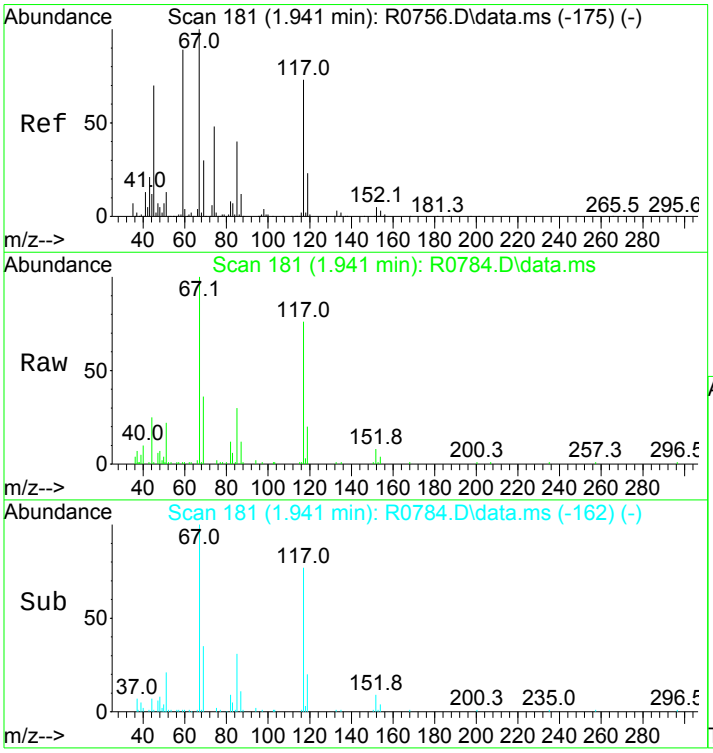
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0784.D
Acq On : 13 Mar 2025 05:34 pm
Operator : K.Ruest
Sample : R2502494-005
Misc : VERINA 8260 T4
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 13 18:03:35 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

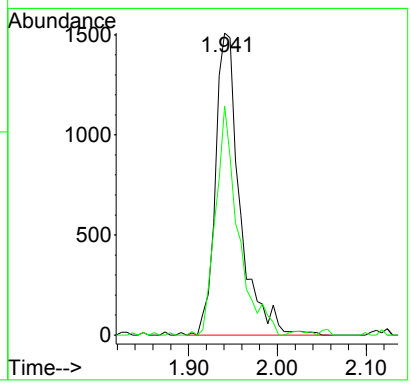


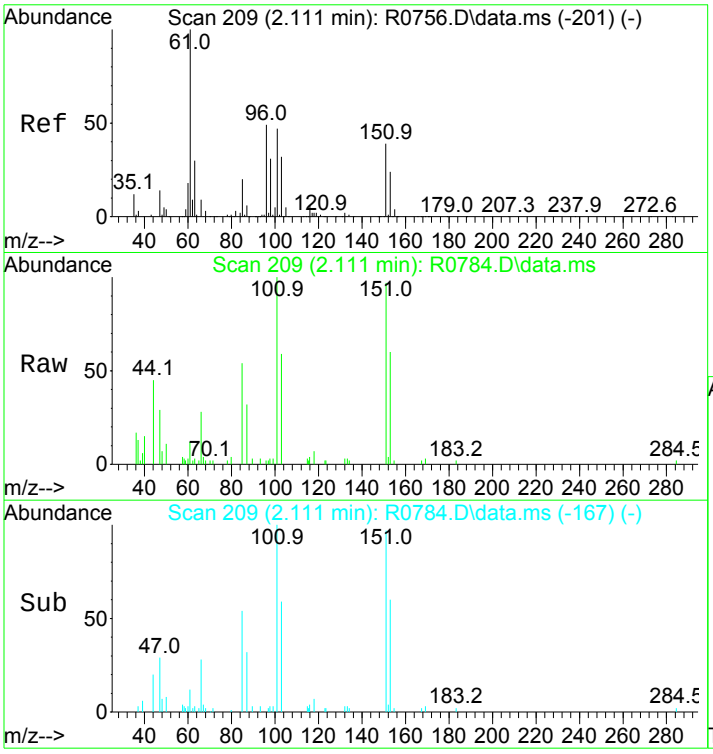


#11
Freon 123a
Concen: 0.84 ug/L
RT: 1.941 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 67 Resp: 2885

Ion	Ratio	Lower	Upper
67	100		
117	75.9	53.9	93.9

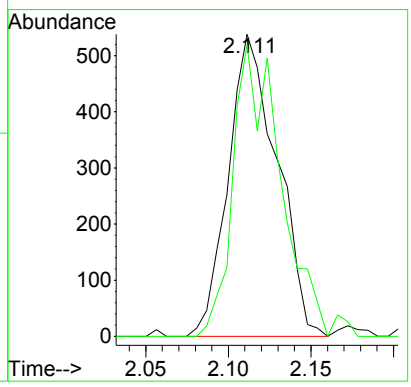


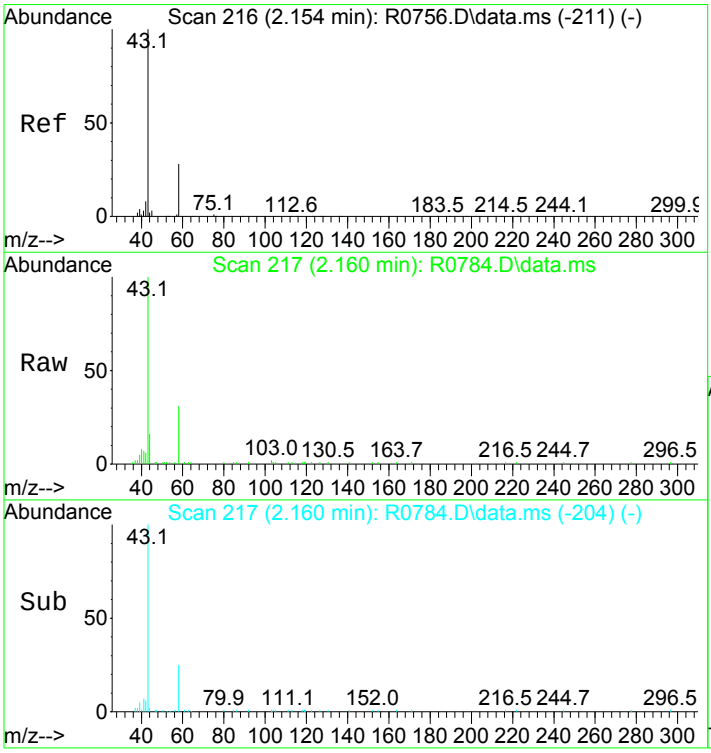


#15
Freon 113
Concen: 0.35 ug/L
RT: 2.111 min Scan# 209
Delta R.T. -0.000 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion:101 Resp: 1105

Ion	Ratio	Lower	Upper
101	100		
151	96.7	61.7	101.7

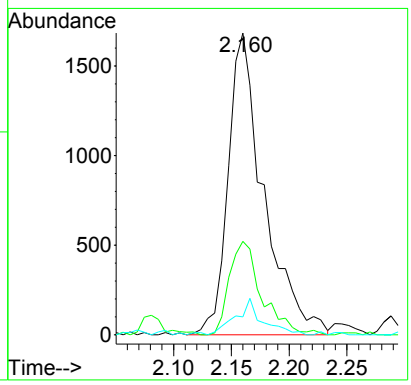


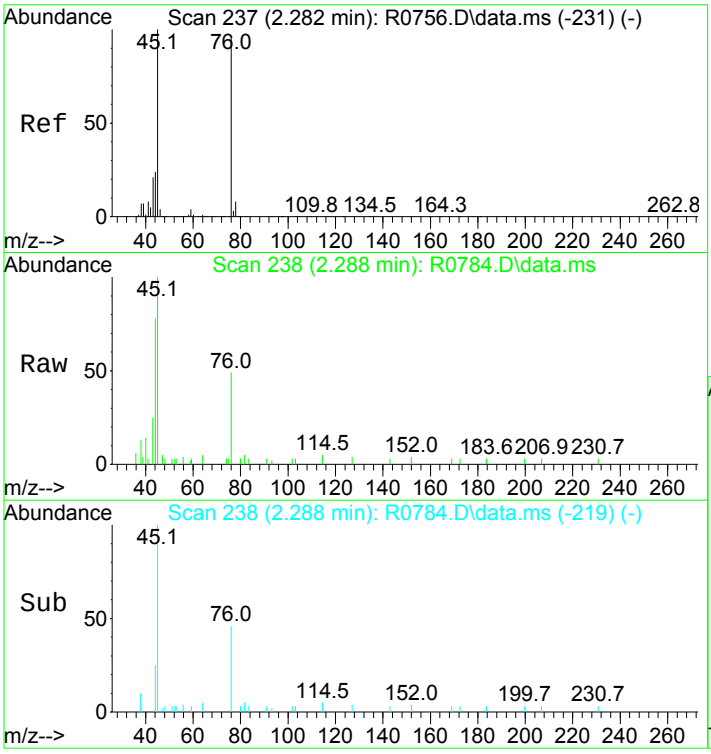


#16
Acetone
Concen: 1.25 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 43 Resp: 3596

Ion	Ratio	Lower	Upper
43	100		
58	31.0	8.0	48.0
42	5.9	0.0	27.8

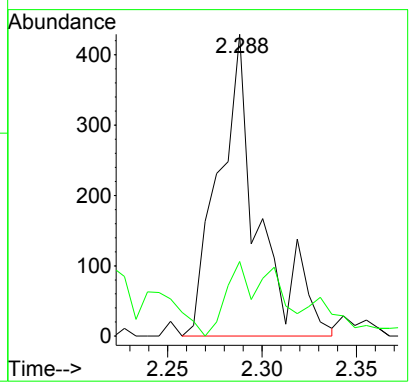


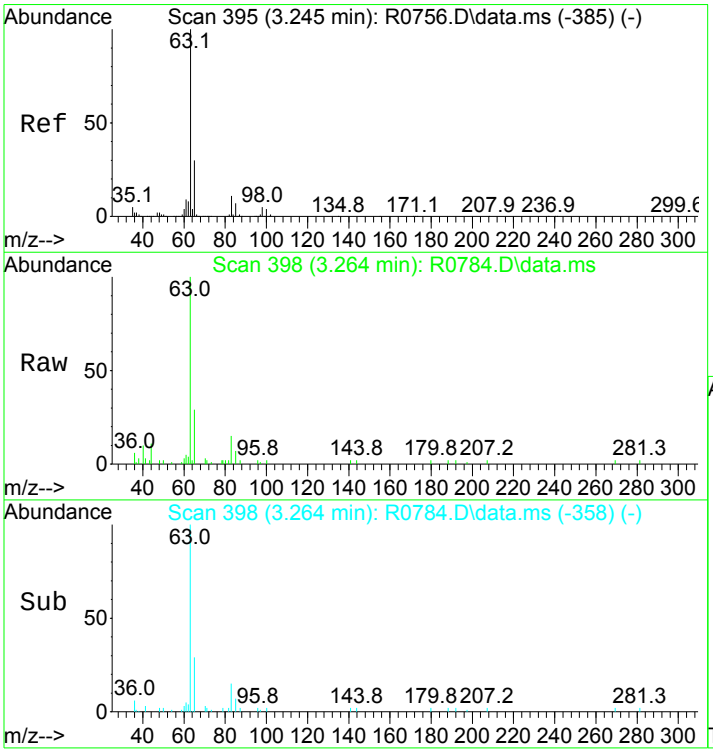


#17
2-Propanol
Concen: 1.44 ug/L m
RT: 2.288 min Scan# 238
Delta R.T. 0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 45 Resp: 636

Ion	Ratio	Lower	Upper
45	100		
43	24.7	1.5	41.5

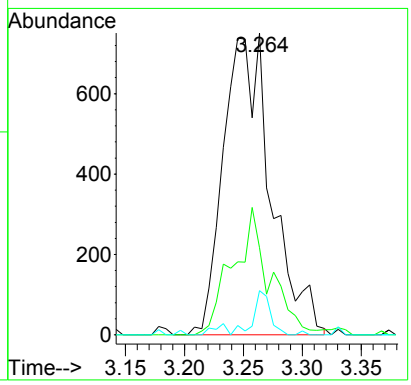


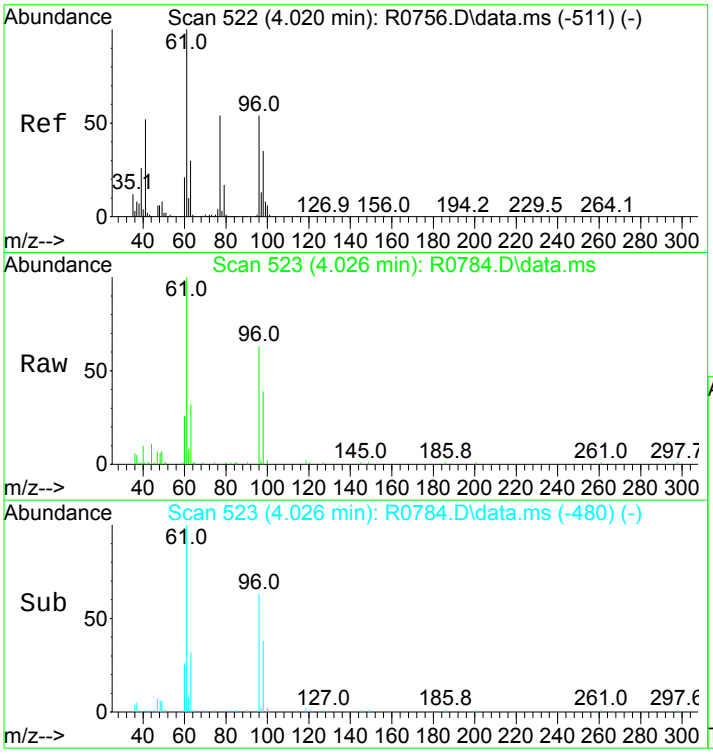


#27
1,1-Diclethane
Concen: 0.31 ug/L m
RT: 3.264 min Scan# 398
Delta R.T. 0.018 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 63 Resp: 2095

Ion	Ratio	Lower	Upper
63	100		
65	28.9	9.9	49.9
83	14.6	0.0	31.2

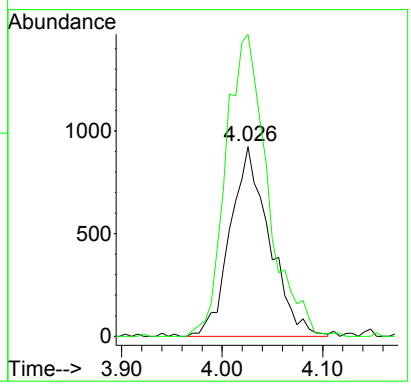


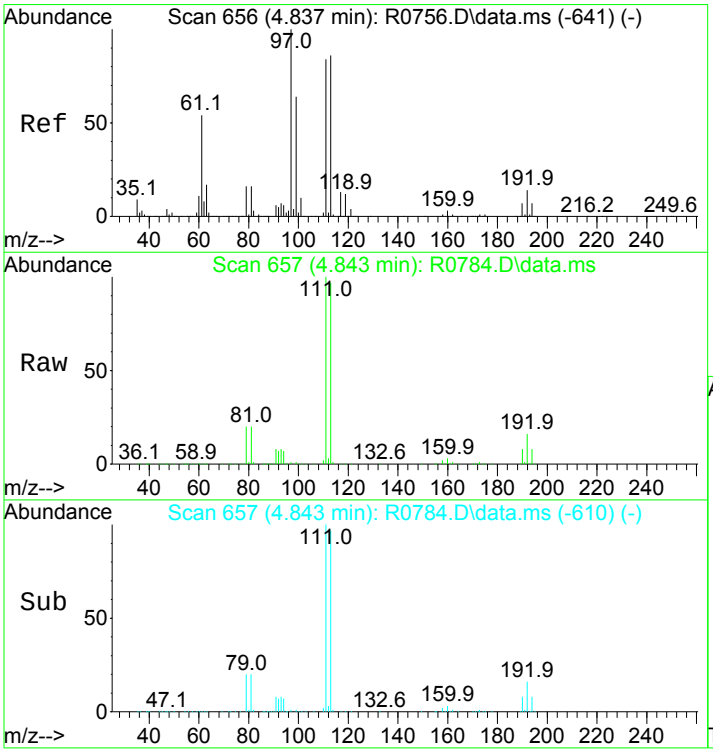


#33
cis-1,2-Dichloroethene
Concen: 0.71 ug/L
RT: 4.026 min Scan# 523
Delta R.T. 0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 96 Resp: 2497

Ion	Ratio	Lower	Upper
96	100		
61	159.1	166.8	206.8#

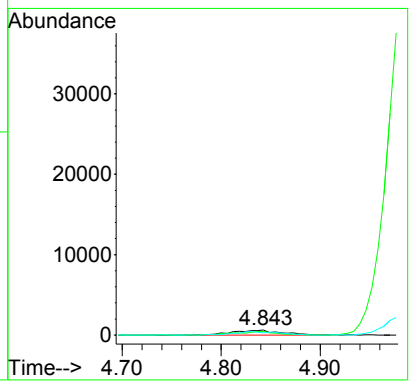


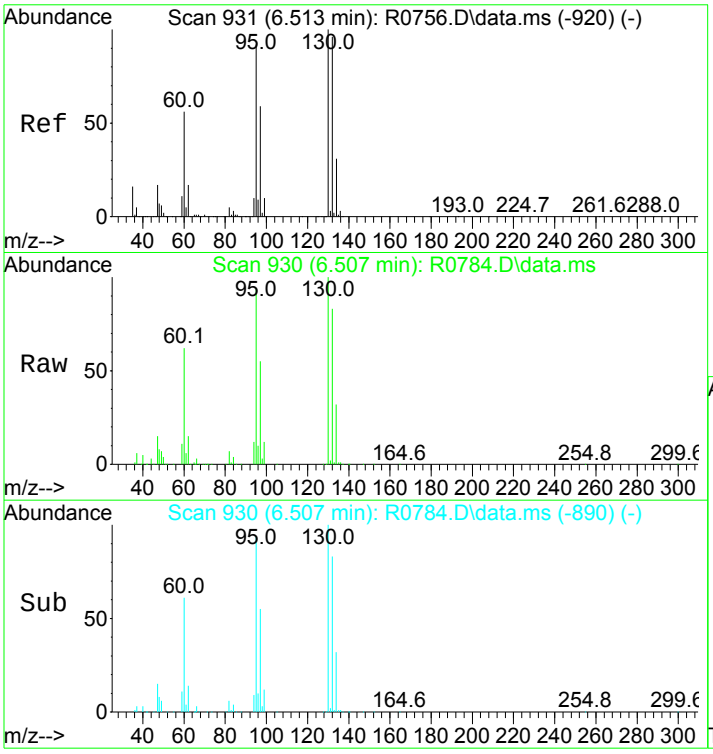


#40
1,1,1-Trichloroethane
Concen: 0.40 ug/L m
RT: 4.843 min Scan# 657
Delta R.T. 0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion: 97 Resp: 2007

Ion	Ratio	Lower	Upper
97	100		
99	76.7	43.6	83.6
61	41.6	33.6	73.6

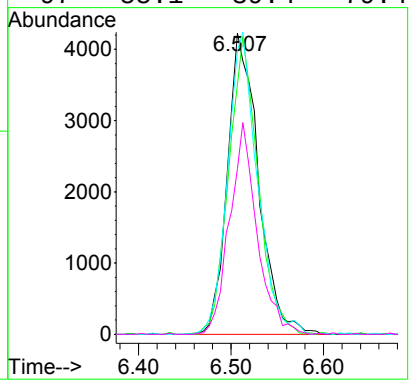


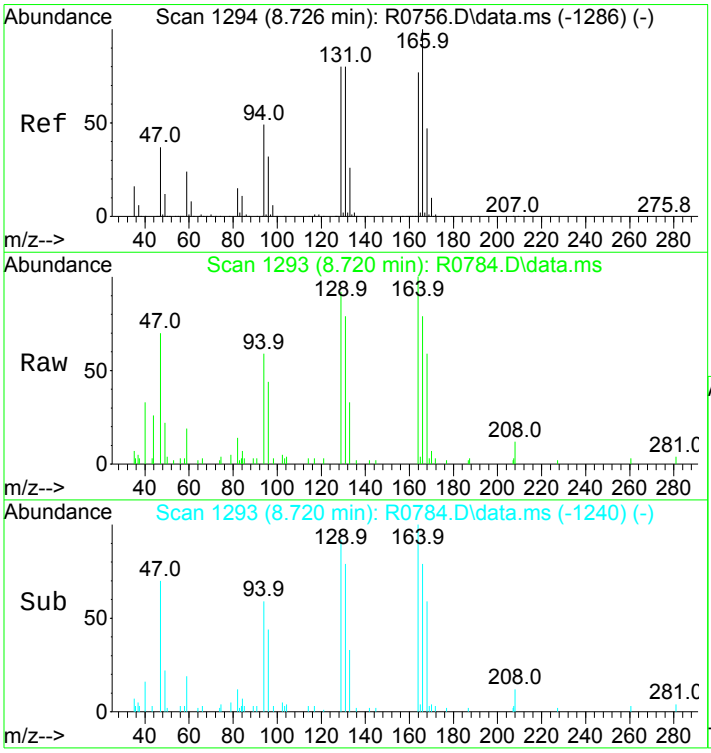


#53
Trichloroethene
Concen: 2.73 ug/L
RT: 6.507 min Scan# 930
Delta R.T. -0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion:130 Resp: 9884

Ion	Ratio	Lower	Upper
130	100		
132	83.0	76.4	116.4
95	94.3	72.1	112.1
97	55.1	39.4	79.4

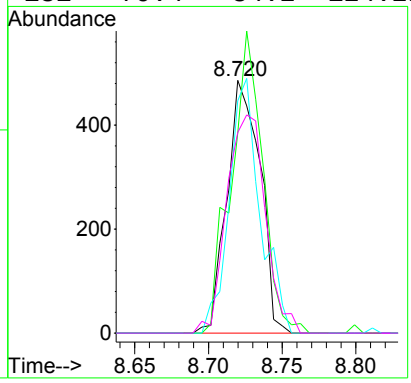




#71
Tetrachloroethene
Concen: 0.29 ug/L m
RT: 8.720 min Scan# 1293
Delta R.T. -0.006 min
Lab File: R0784.D
Acq: 13 Mar 2025 05:34 pm

Tgt Ion:164 Resp: 766

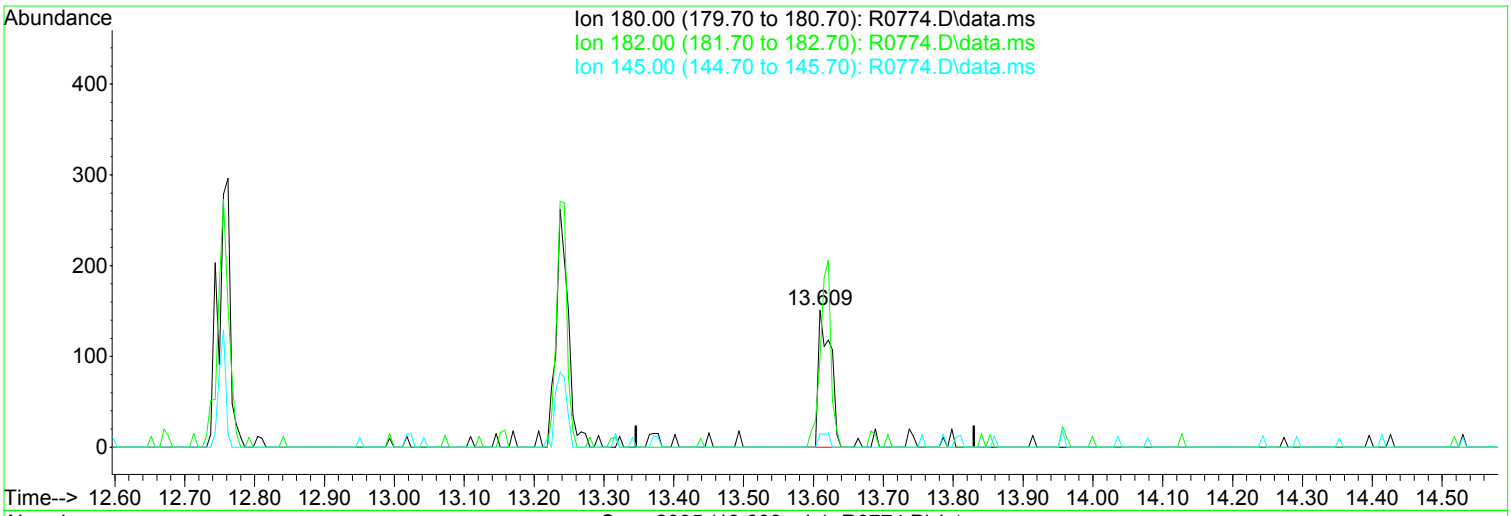
Ion	Ratio	Lower	Upper
164	100		
166	79.2	110.6	150.6#
129	92.0	84.7	124.7
131	79.4	84.2	124.2#

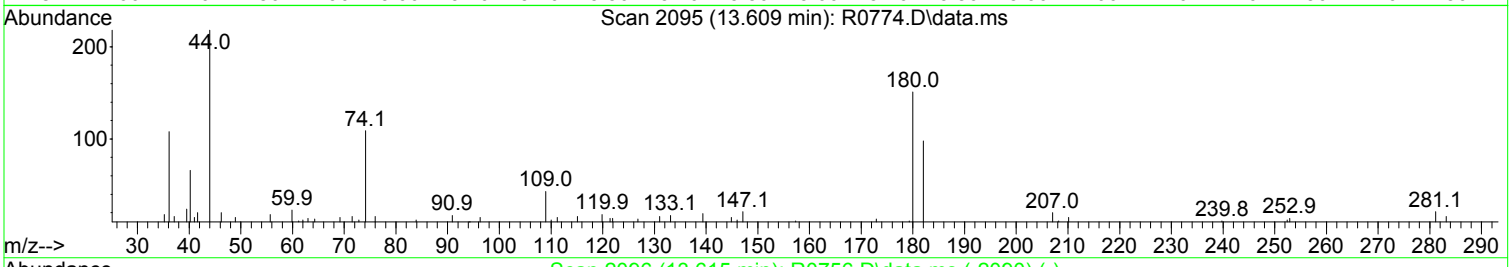


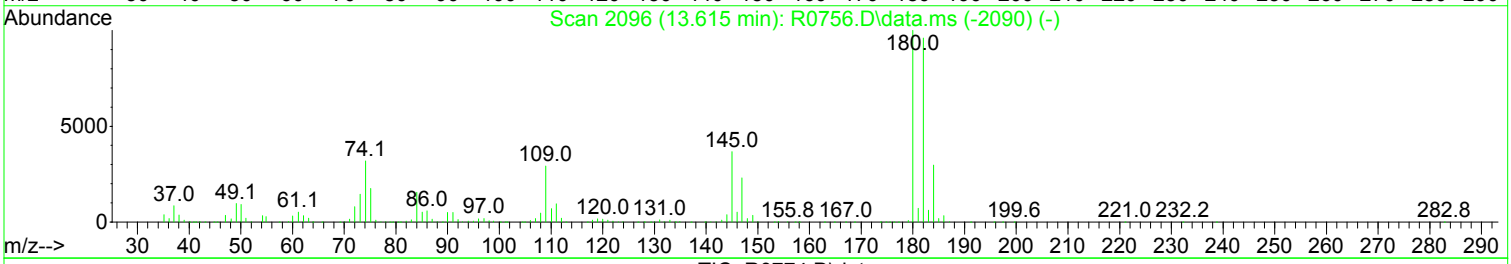
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(117) 1,2,3-Tclbenzene

13.609min (-0.006) 0.26 ug/L m

response 183

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.00	64.90#
145.00	36.70	9.93#
0.00	0.00	0.00

Manual Integration:

After

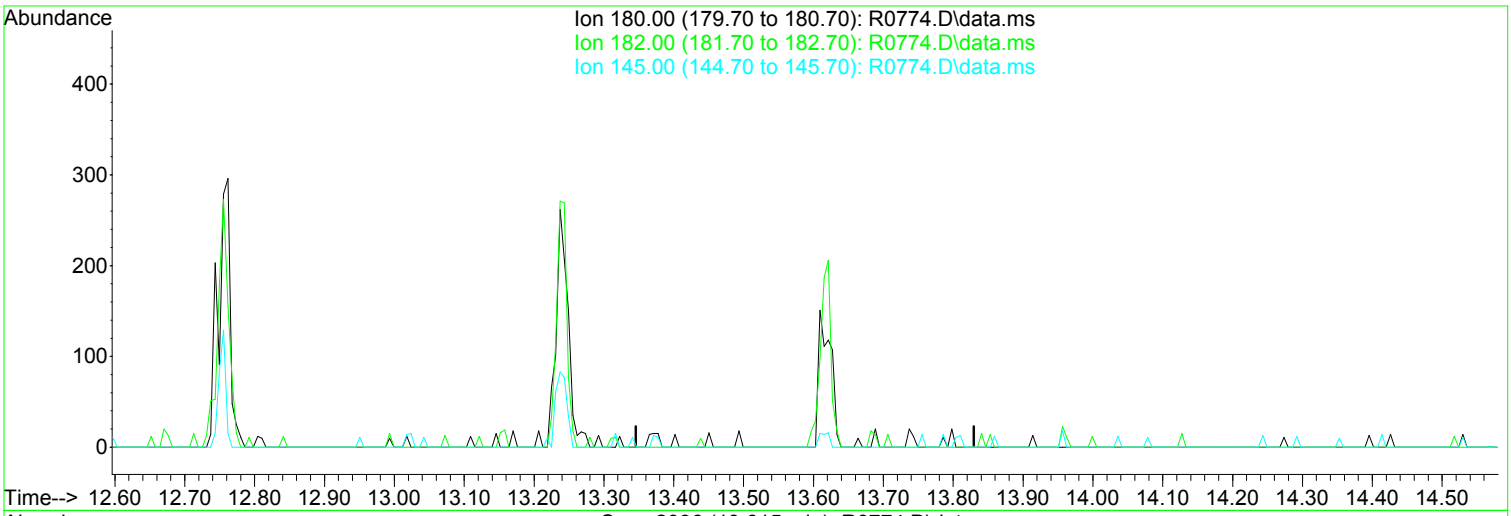
Peak not found.

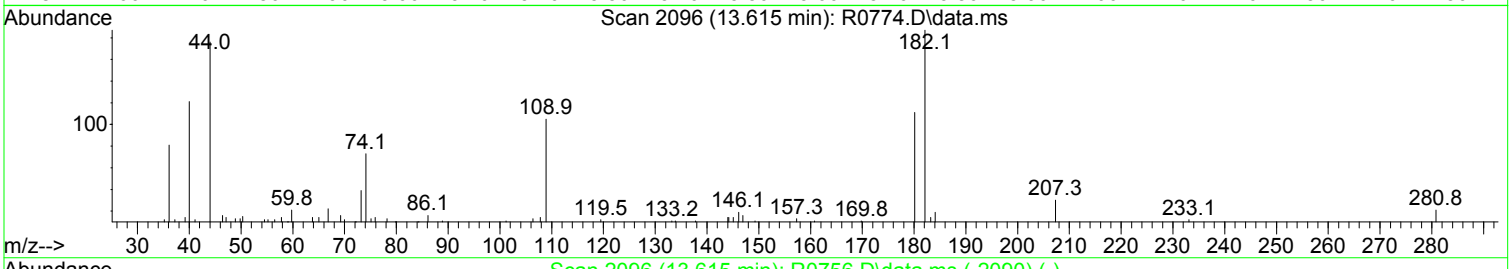
03/17/25

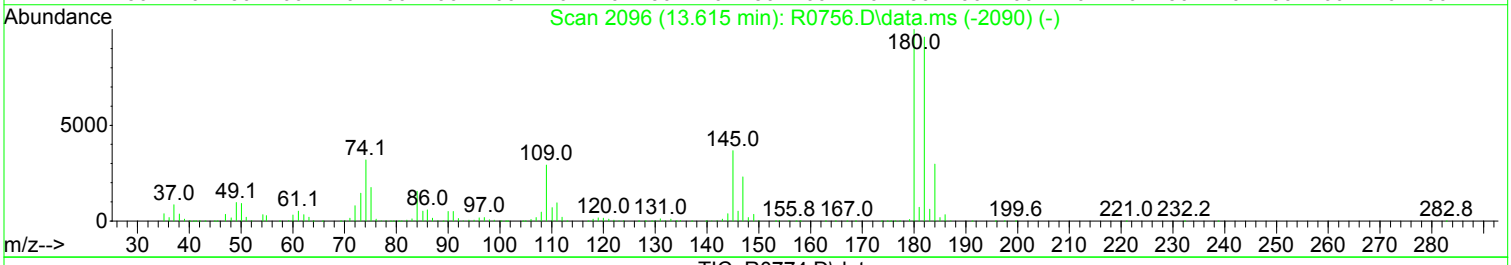
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(117) 1,2,3-Tclbenzene

13.615min (-13.615) 0.00 ug/L

response 0

Ion	Exp%	Act%
180.00	100.00	0.00
182.00	96.00	0.00#
145.00	36.70	0.00#
0.00	0.00	0.00

Manual Integration:

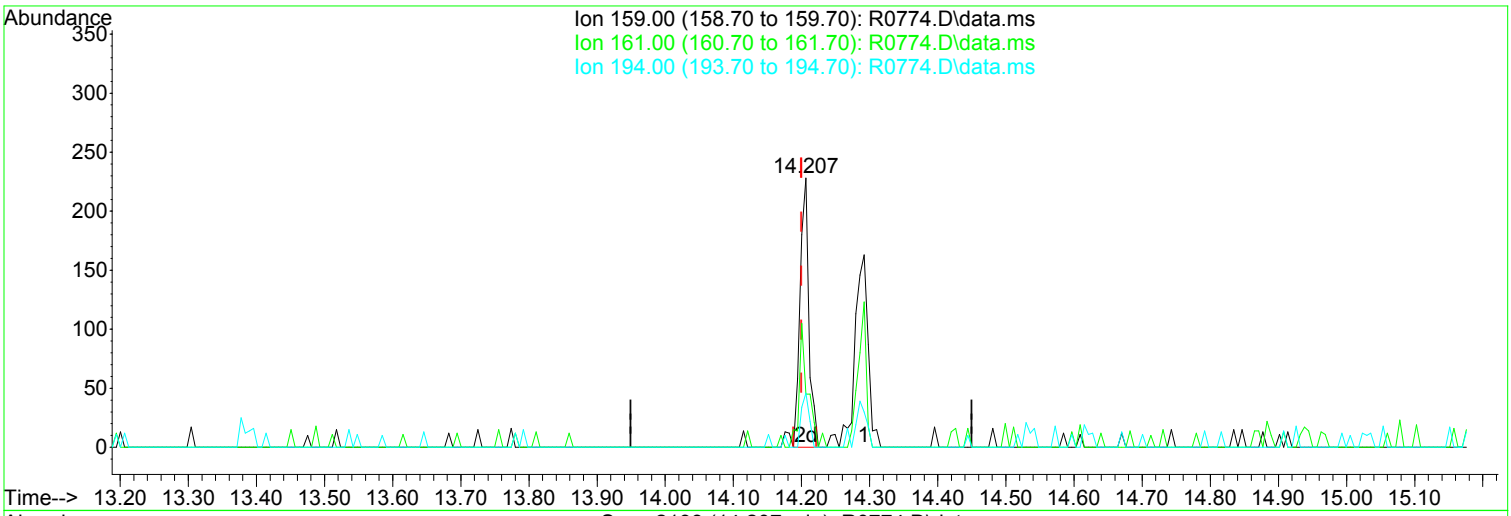
Before

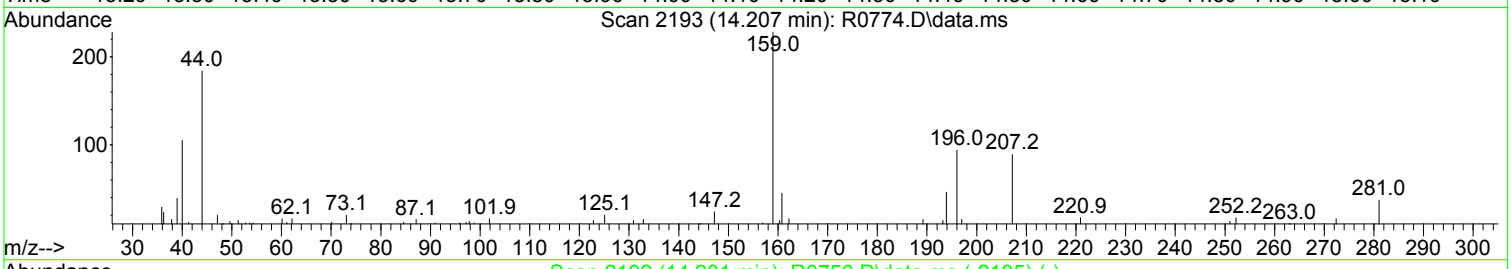
03/17/25

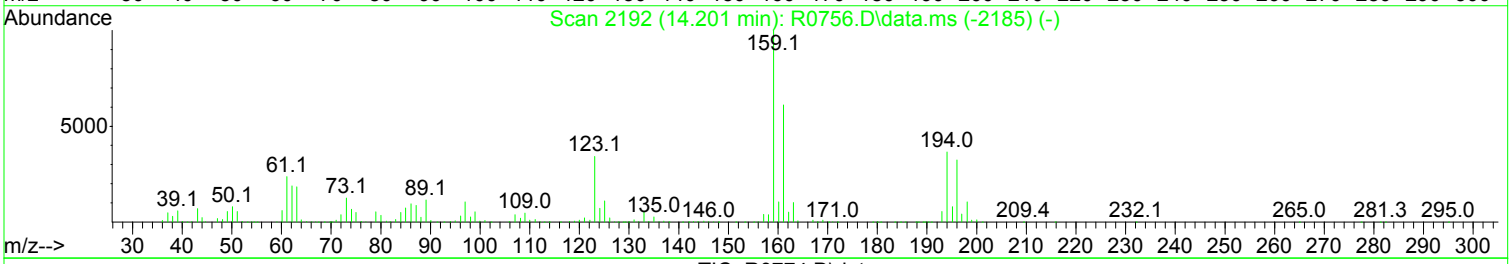
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.207min (+ 0.007) 1.00 ug/L m

response 205

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.10	19.74#
194.00	36.60	20.18
0.00	0.00	0.00

Manual Integration:

After

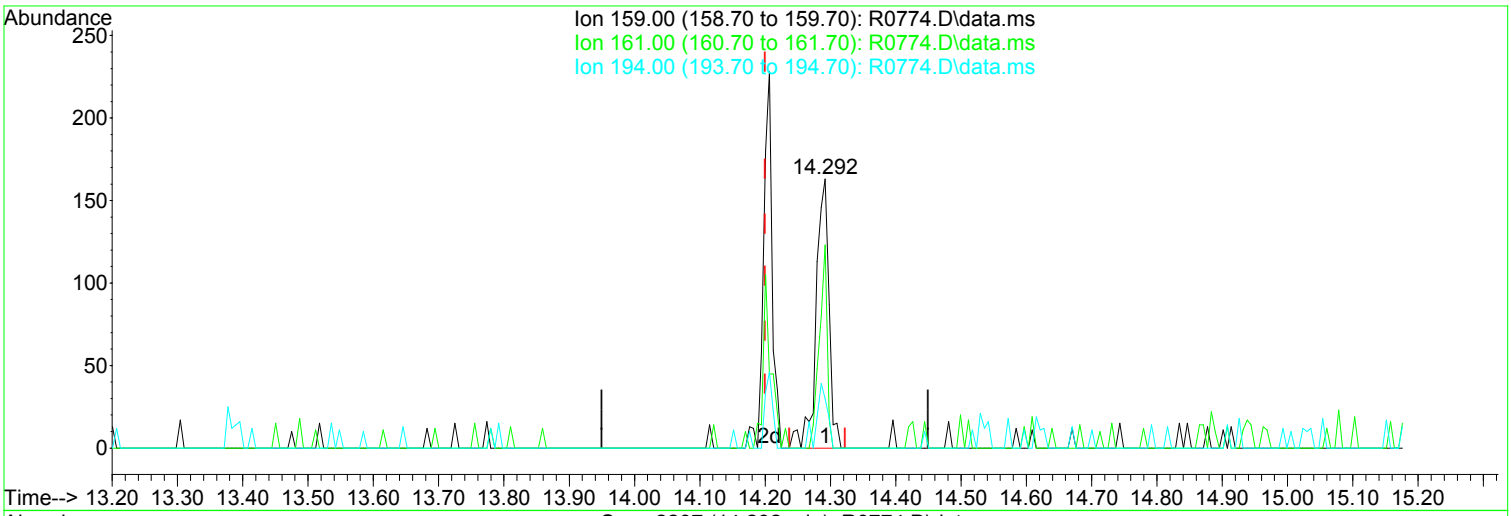
Wrong peak selected.

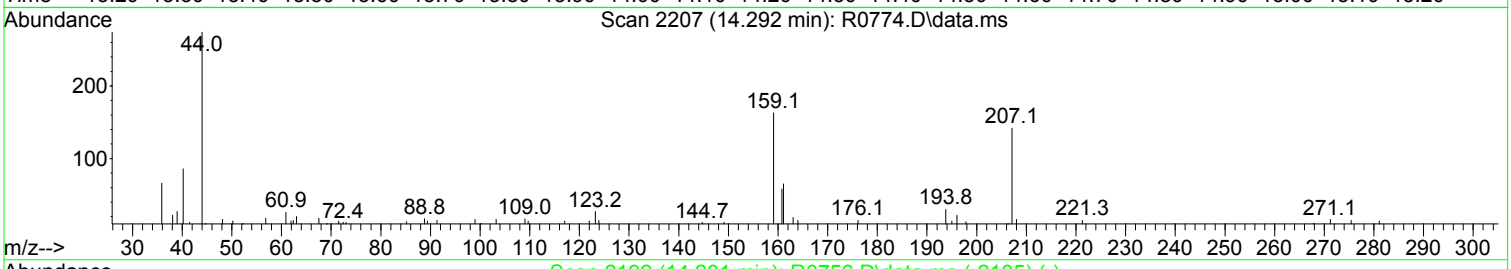
03/17/25

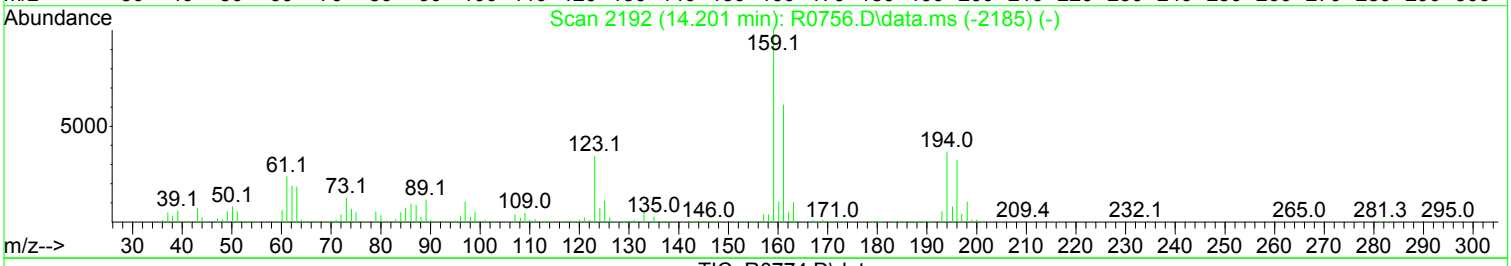
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.292min (+ 0.092) 1.01 ug/L

response 225

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.10	75.46
194.00	36.60	18.40
0.00	0.00	0.00

Manual Integration:

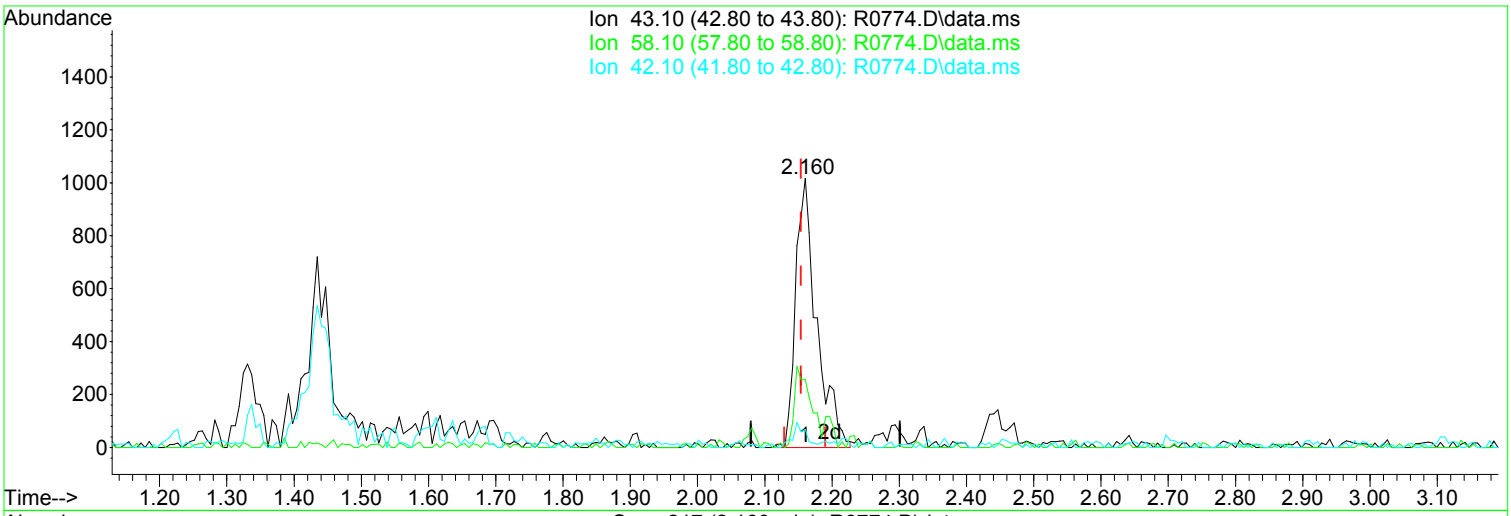
Before

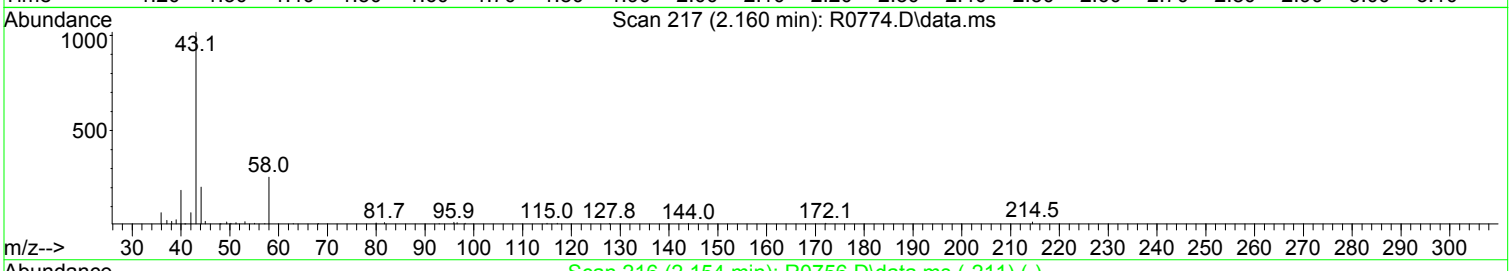
03/17/25

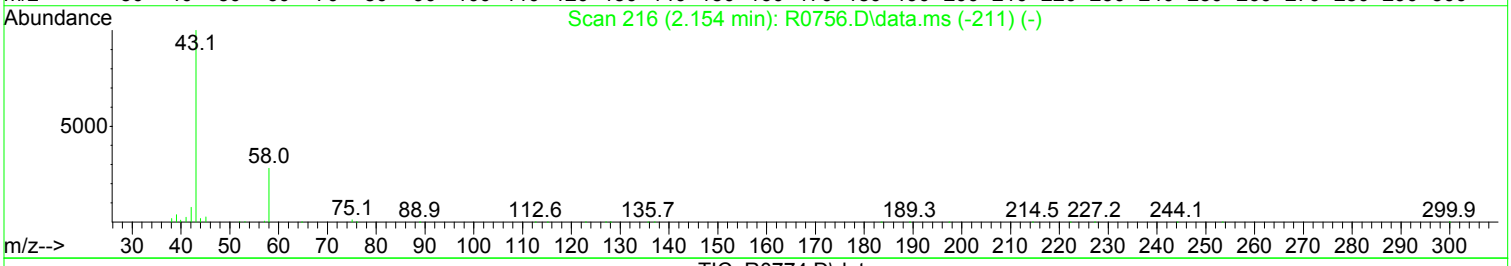
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(16) Acetone (P)

2.160min (+ 0.006) 0.74 ug/L m

response 2193

Ion	Exp%	Act%
43.10	100.00	100.00
58.10	28.00	25.20
42.10	7.80	6.79
0.00	0.00	0.00

Manual Integration:

After

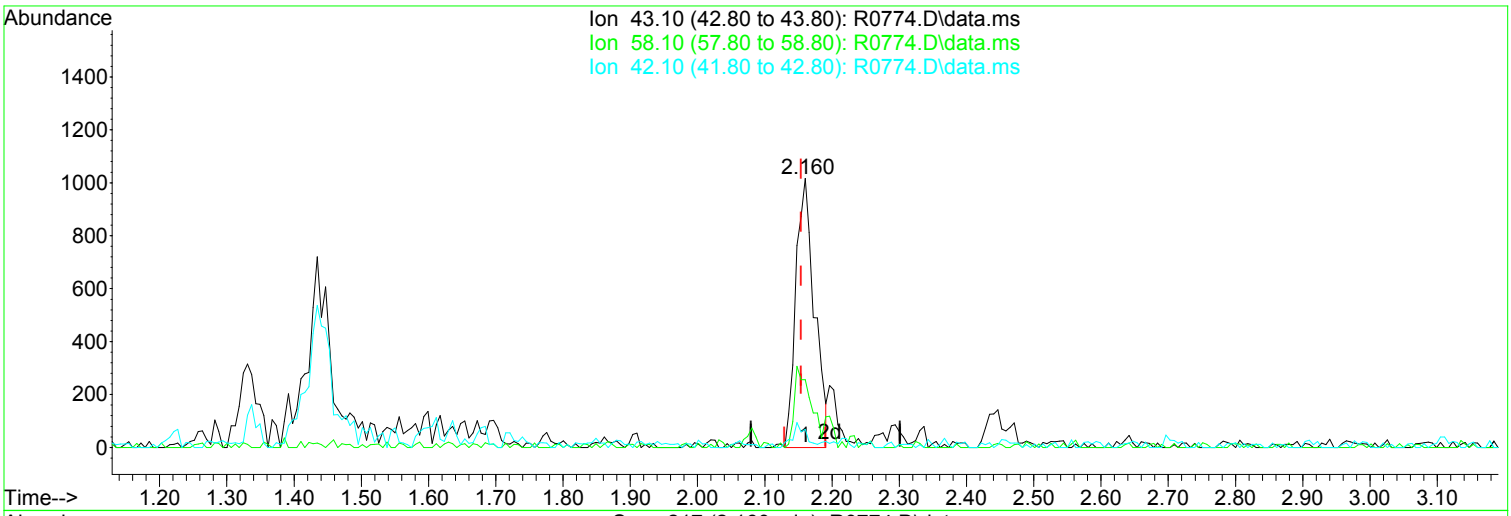
Poor integration.

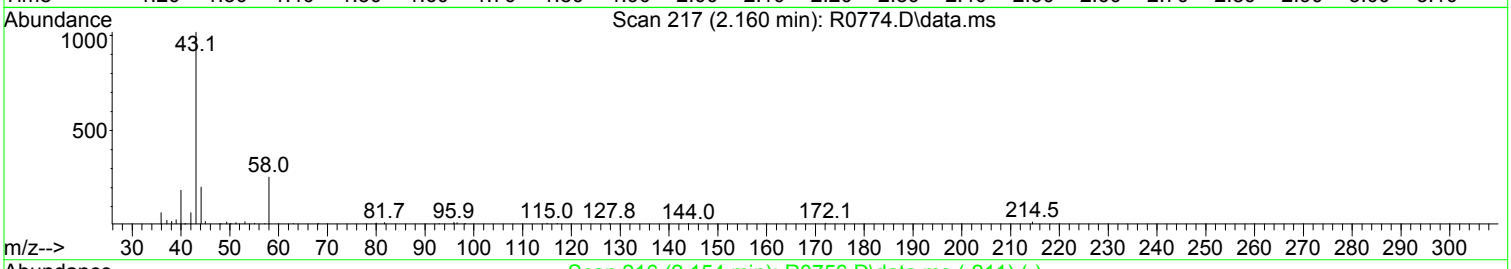
03/17/25

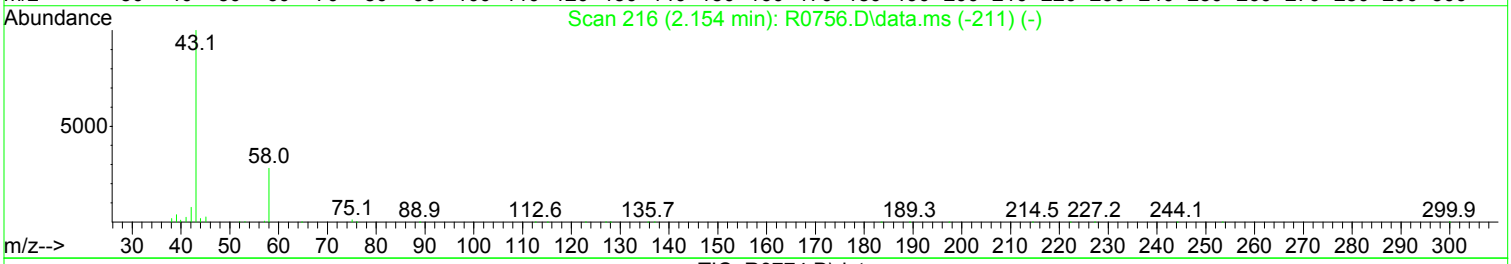
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0774.D\data.ms

(16) Acetone (P)

2.160min (+ 0.006) 0.66 ug/L

response 1952

Ion	Exp%	Act%
43.10	100.00	100.00
58.10	28.00	25.20
42.10	7.80	6.79
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

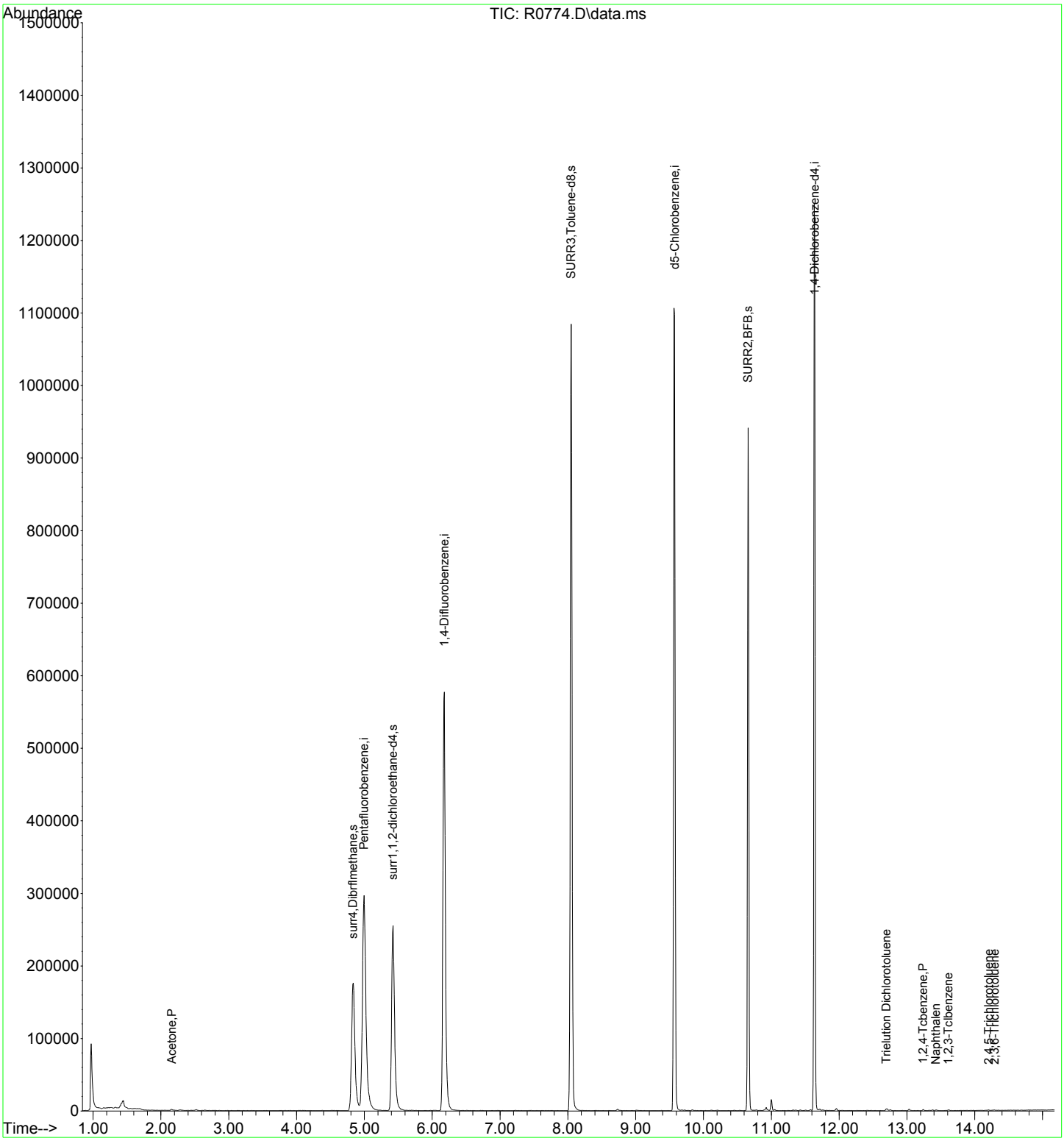
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	342893	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.177	114	572340	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	481997	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	232716	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	188245	49.36	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 98.72%				
47) surr1,1,2-dichloroetha...	5.422	65	274987	51.07	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.14%				
64) SURR3,Toluene-d8	8.049	98	651860	48.70	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 97.40%				
69) SURR2,BFB	10.658	95	238756	46.76	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 93.52%				
Target Compounds							Qvalue
16) Acetone	2.160	43	2193m	0.742	ug/L		
111) Trielution Dichlorotol...	12.695	125	1389	0.234	ug/L	#	66
114) 1,2,4-Tcbenzene	13.237	180	305	0.269	ug/L		93
116) Naphthalen	13.426	128	719	0.552	ug/L		93
117) 1,2,3-Tclbenzene	13.609	180	183m	0.256	ug/L		
118) 2,4,5-Trichlorotoluene	14.207	159	205m	1.005	ug/L		
119) 2,3,6-Trichlorotoluene	14.292	159	225	0.923	ug/L	#	76

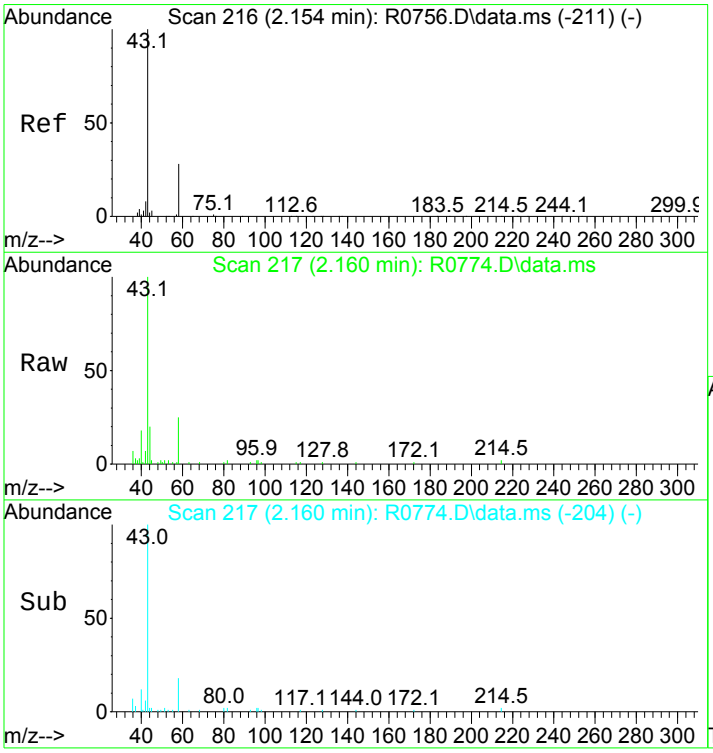
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0774.D
Acq On : 13 Mar 2025 01:43 pm
Operator : K.Ruest
Sample : R2502494-009
Misc : VERINA 8260 T4
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

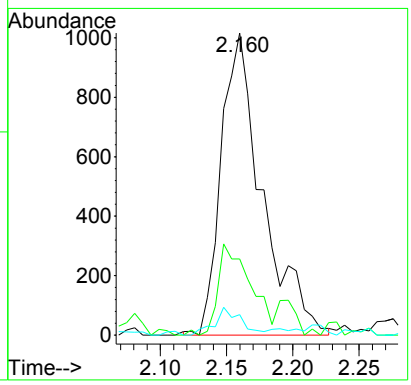


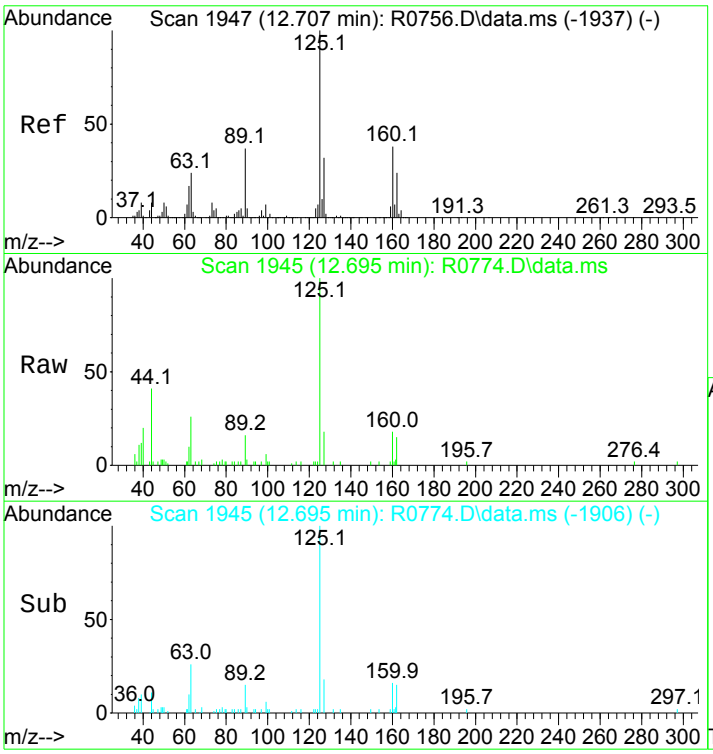


#16
Acetone
Concen: 0.74 ug/L m
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion: 43 Resp: 2193

Ion	Ratio	Lower	Upper
43	100		
58	25.2	8.0	48.0
42	6.8	0.0	27.8

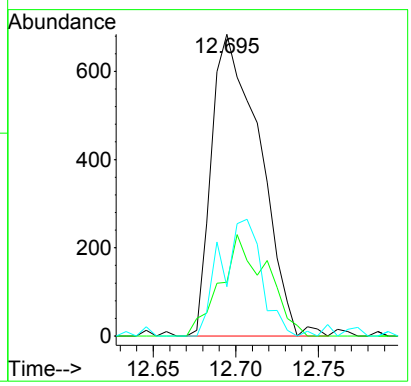


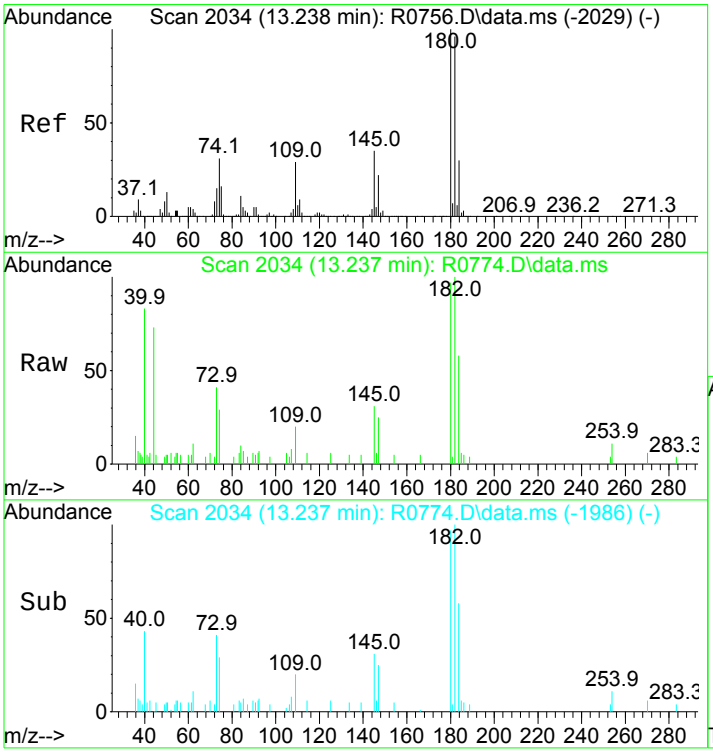


#111
Trielution Dichlorotoluene
Concen: 0.23 ug/L
RT: 12.695 min Scan# 1945
Delta R.T. -0.013 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:125 Resp: 1389

Ion	Ratio	Lower	Upper
125	100		
160	17.8	17.8	57.8
89	16.4	17.3	57.3#

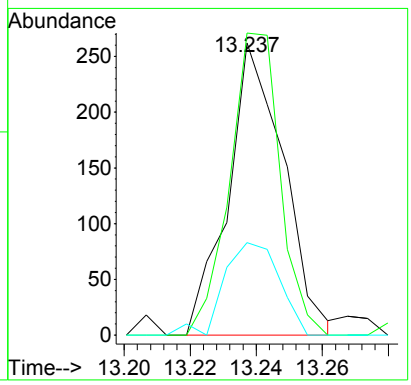


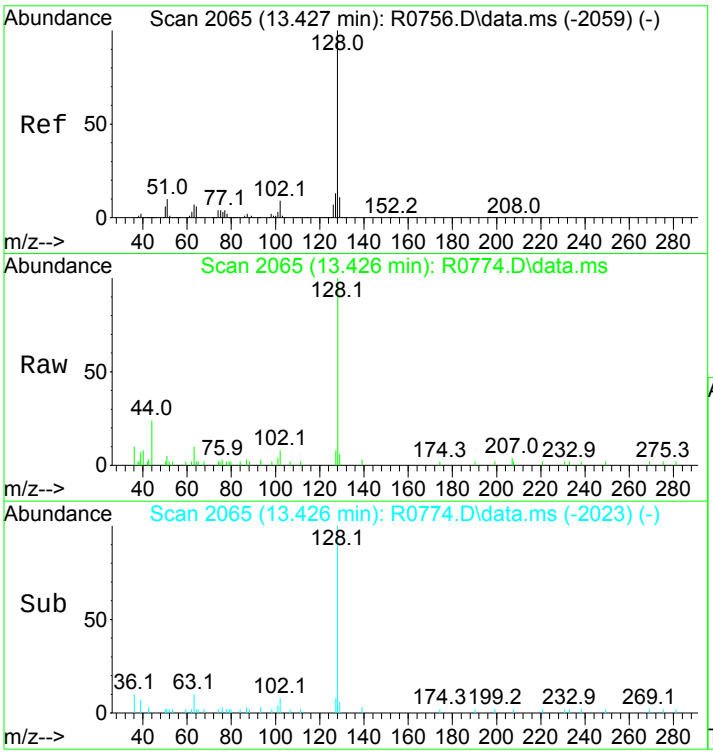


#114
1,2,4-Tcbenzene
Concen: 0.27 ug/L
RT: 13.237 min Scan# 2034
Delta R.T. 0.000 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:180 Resp: 305

Ion	Ratio	Lower	Upper
180	100		
182	103.4	75.7	115.7
145	31.7	14.9	54.9

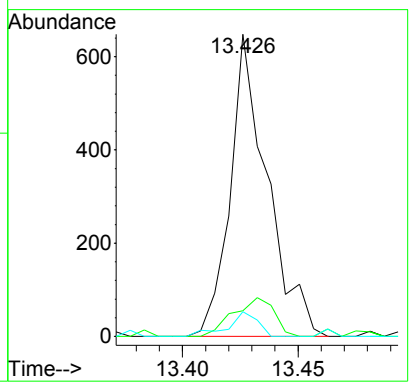


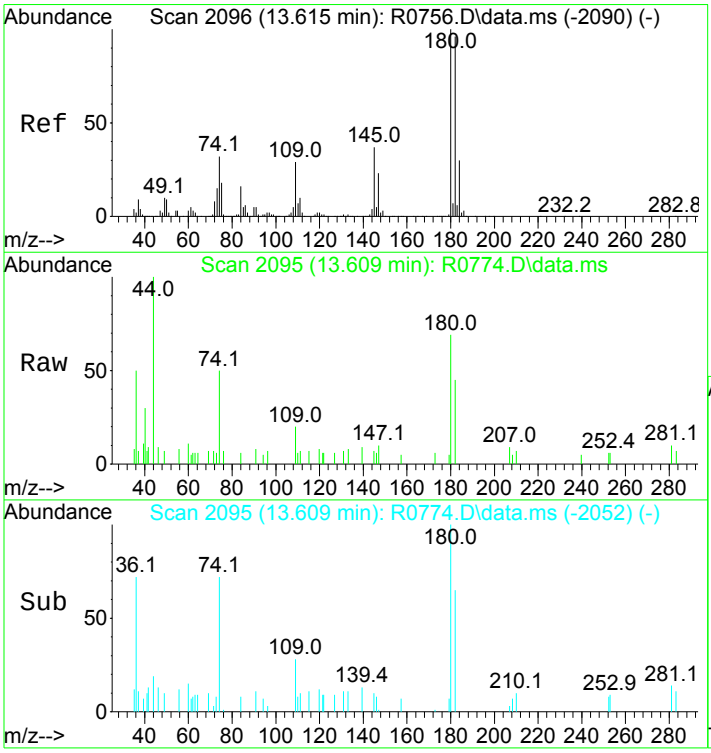


#116
Naphthalen
Concen: 0.55 ug/L
RT: 13.426 min Scan# 2065
Delta R.T. 0.000 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:128 Resp: 719

Ion	Ratio	Lower	Upper
128	100		
127	8.5	0.0	32.8
102	8.2	0.0	29.1

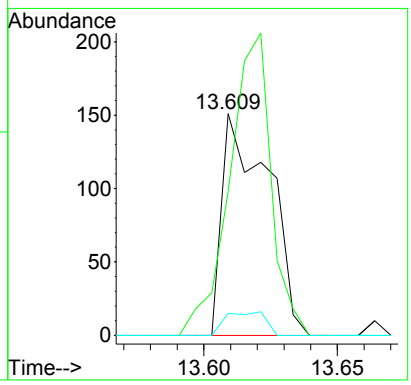


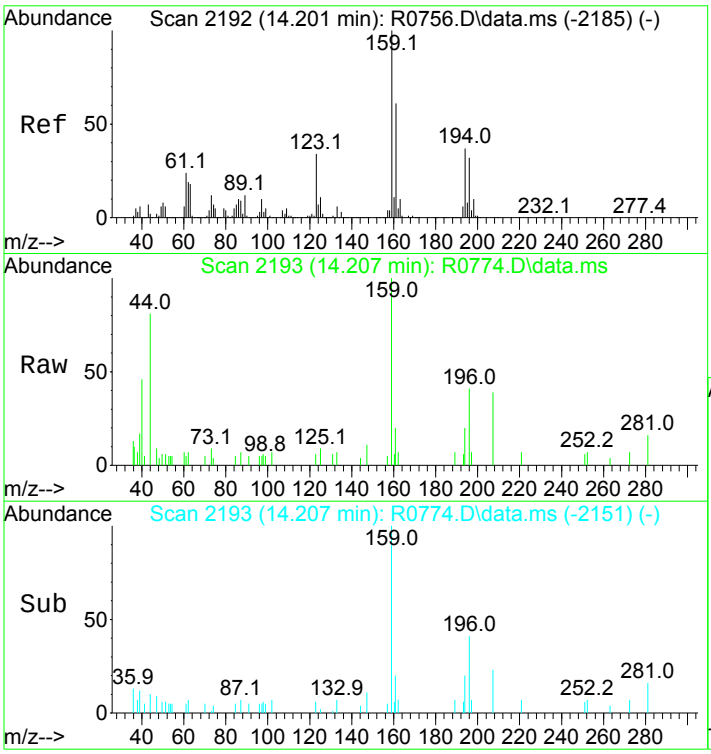


#117
1,2,3-Tclbenzene
Concen: 0.26 ug/L m
RT: 13.609 min Scan# 2095
Delta R.T. -0.006 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:180 Resp: 183

Ion	Ratio	Lower	Upper
180	100		
182	64.9	76.0	116.0#
145	9.9	16.7	56.7#

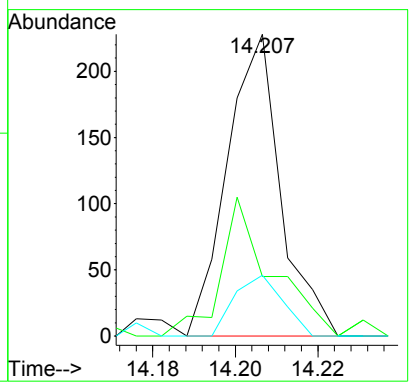


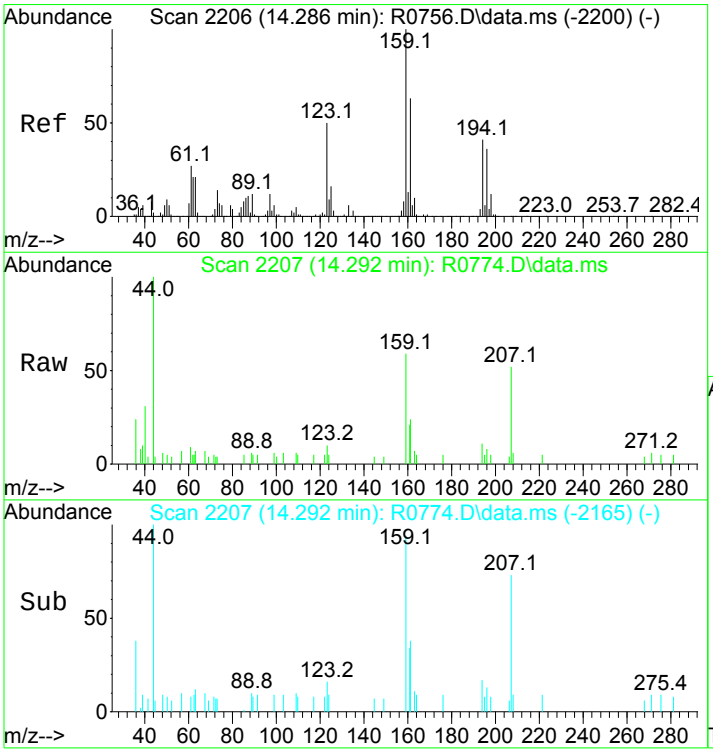


#118
2,4,5-Trichlorotoluene
Concen: 1.00 ug/L m
RT: 14.207 min Scan# 2193
Delta R.T. 0.007 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:159 Resp: 205

Ion	Ratio	Lower	Upper
159	100		
161	19.7	41.1	81.1#
194	20.2	16.6	56.6

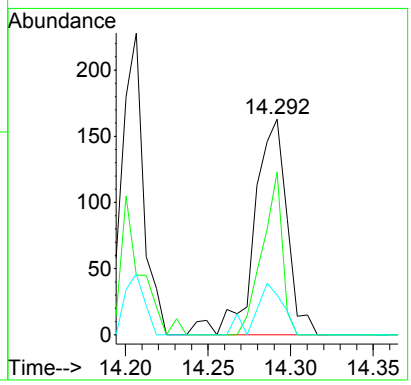




#119
2,3,6-Trichlorotoluene
Concen: 0.92 ug/L
RT: 14.292 min Scan# 2207
Delta R.T. 0.006 min
Lab File: R0774.D
Acq: 13 Mar 2025 01:43 pm

Tgt Ion:159 Resp: 225

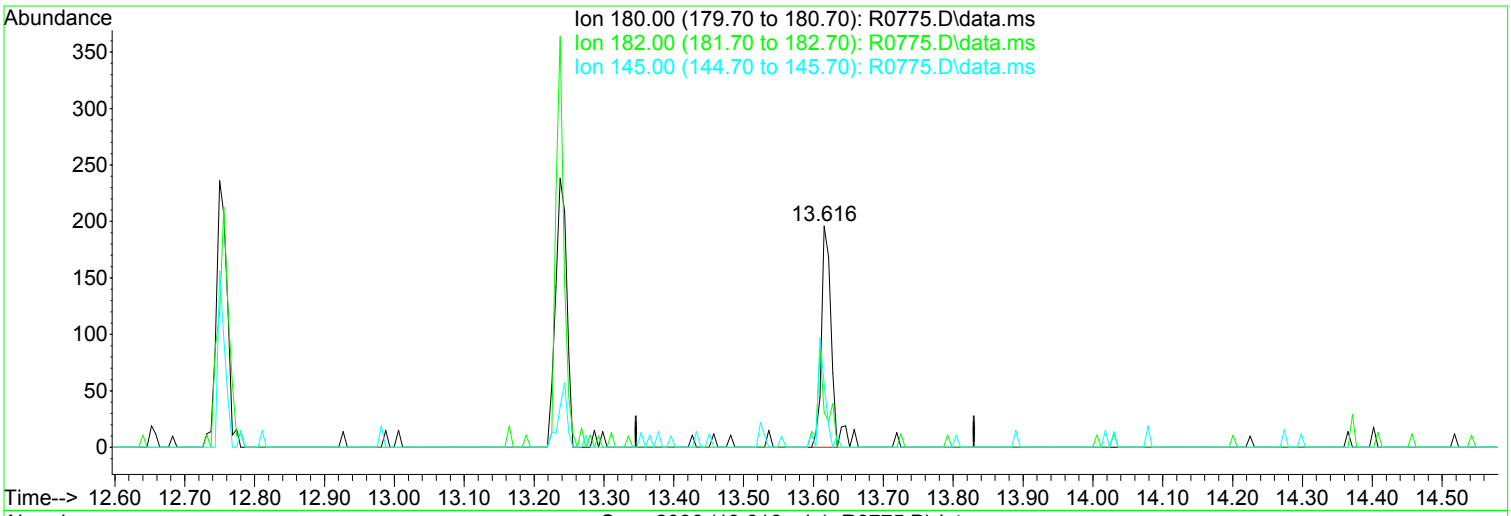
Ion	Ratio	Lower	Upper
159	100		
161	75.5	42.6	82.6
194	18.4	20.8	60.8#

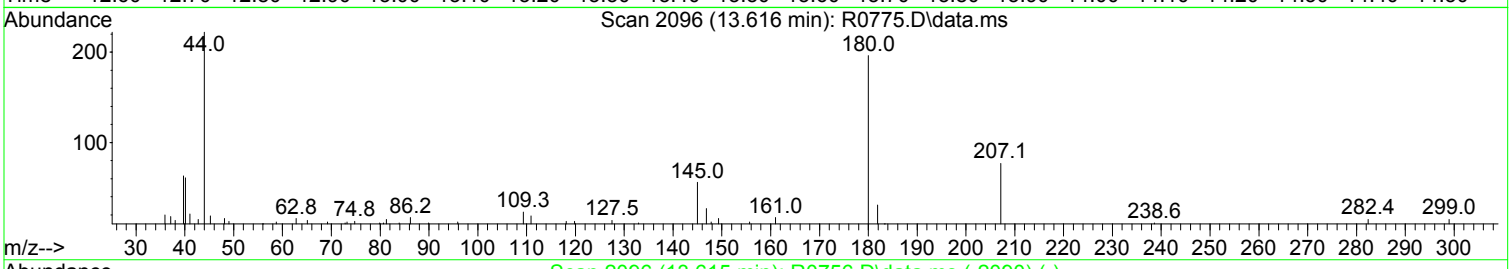


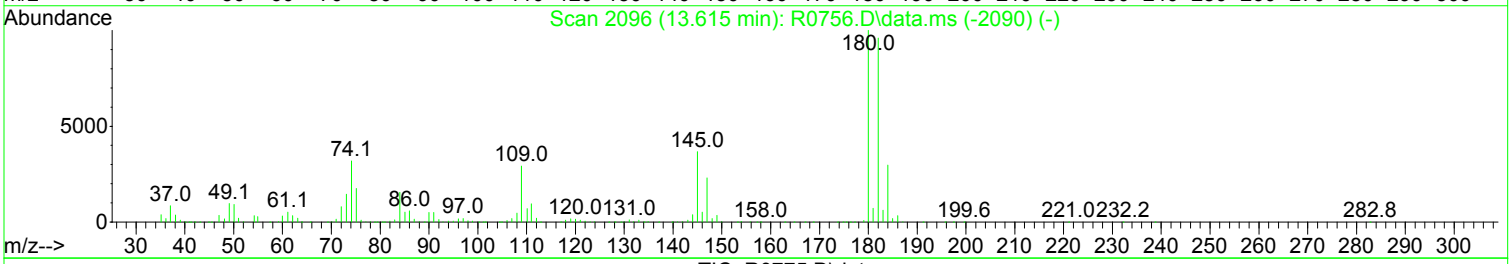
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0775.D\data.ms

(117) 1,2,3-Tclbenzene

13.616min (+ 0.001) 0.26 ug/L m

response 178

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.00	15.82#
145.00	36.70	28.57
0.00	0.00	0.00

Manual Integration:

After

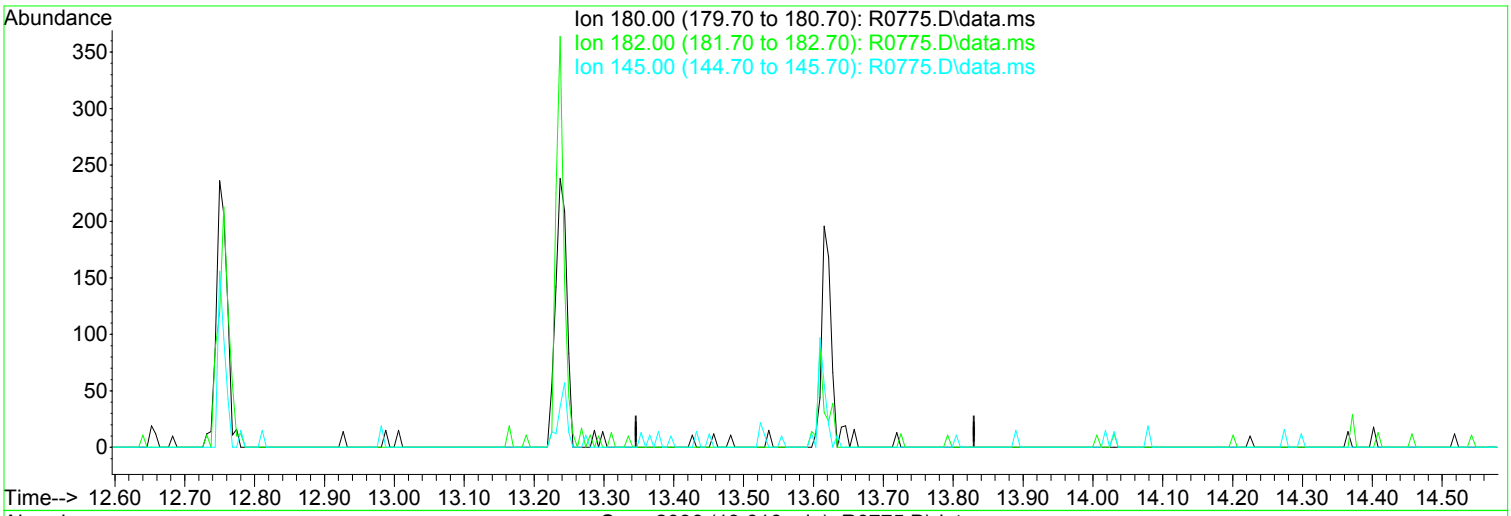
Peak not found.

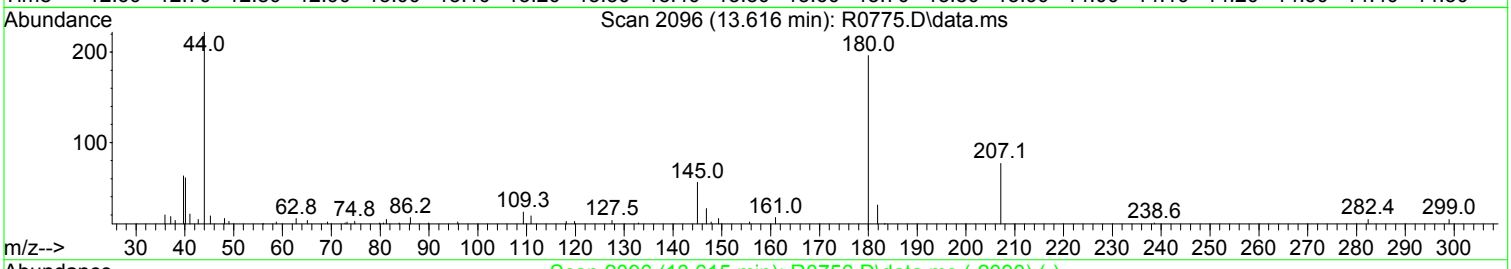
03/17/25

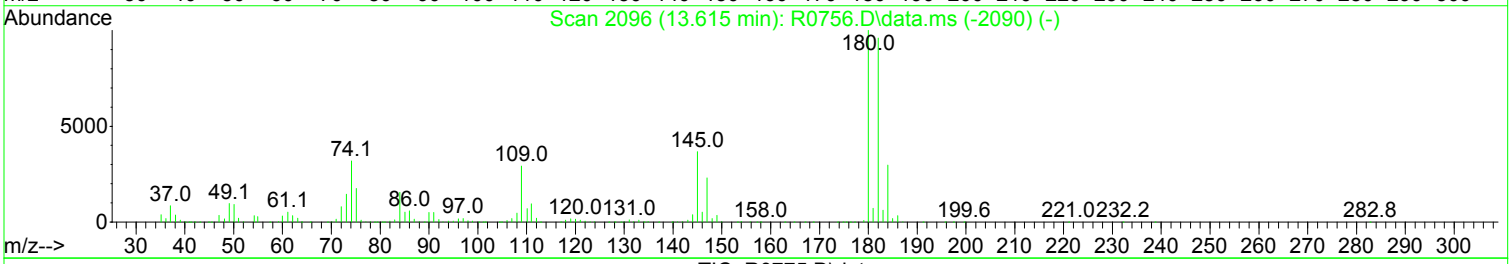
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0775.D\data.ms

(117) 1,2,3-Tclbenzene

13.615min (-13.615) 0.00 ug/L

response 0

Ion	Exp%	Act%
180.00	100.00	0.00
182.00	96.00	0.00#
145.00	36.70	0.00#
0.00	0.00	0.00

Manual Integration:

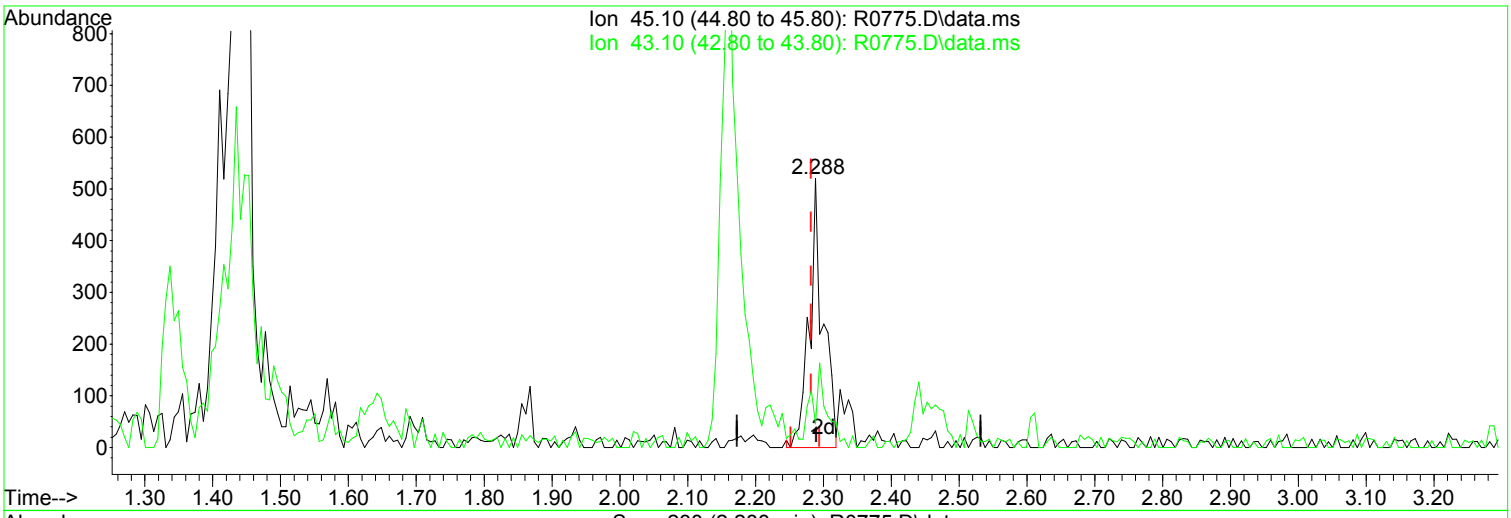
Before

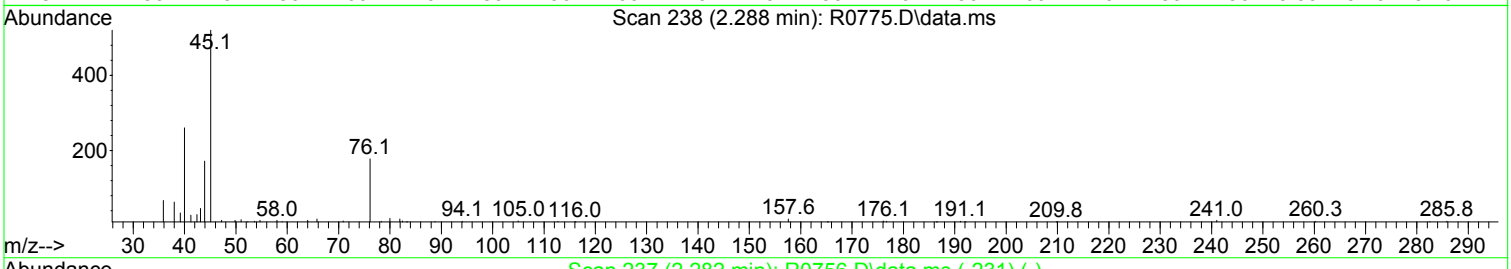
03/17/25

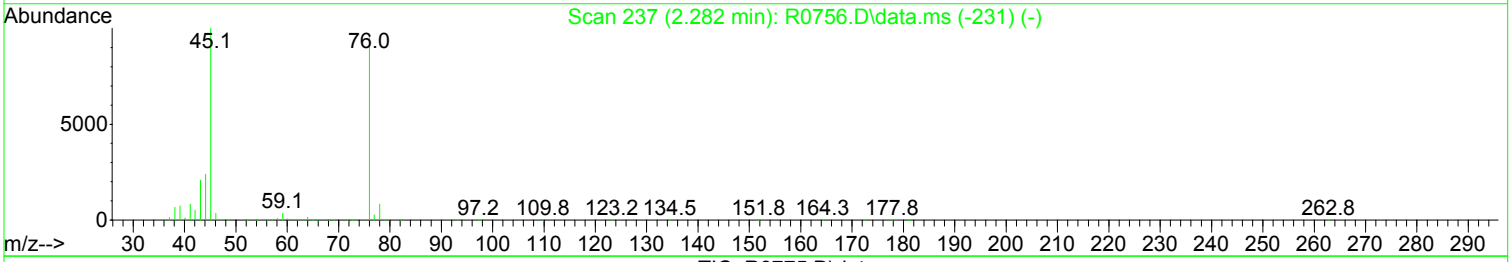
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0775.D\data.ms

(17) 2-Propanol

2.288min (+ 0.006) 1.65 ug/L m

response 722

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	8.85
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

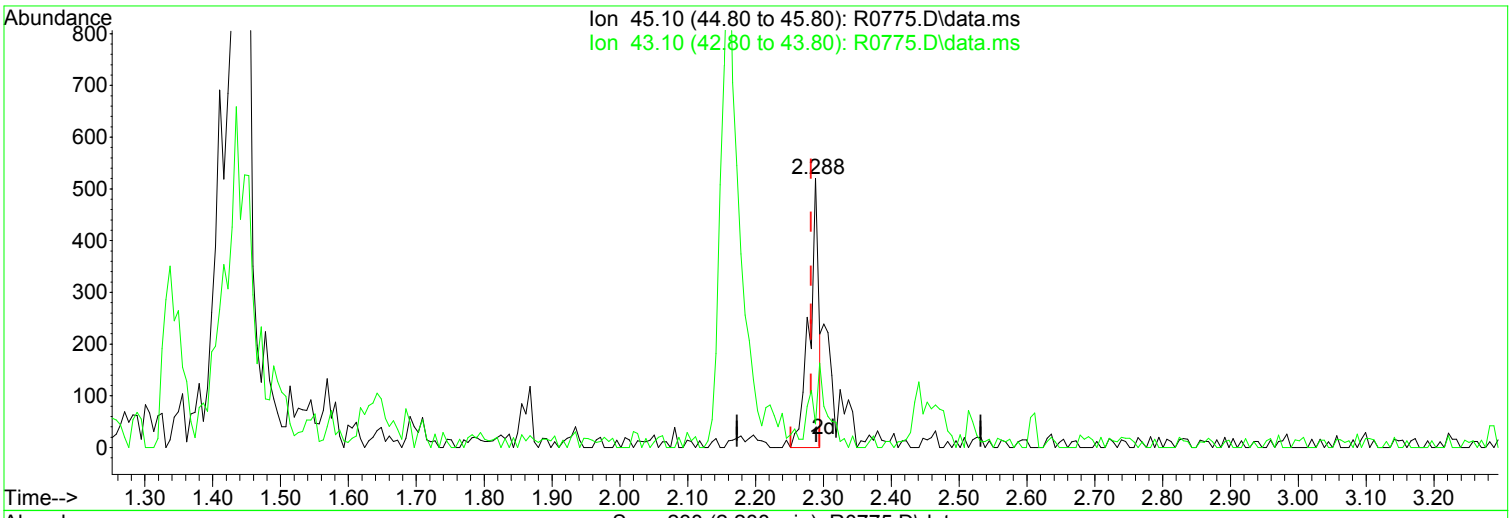
Poor integration.

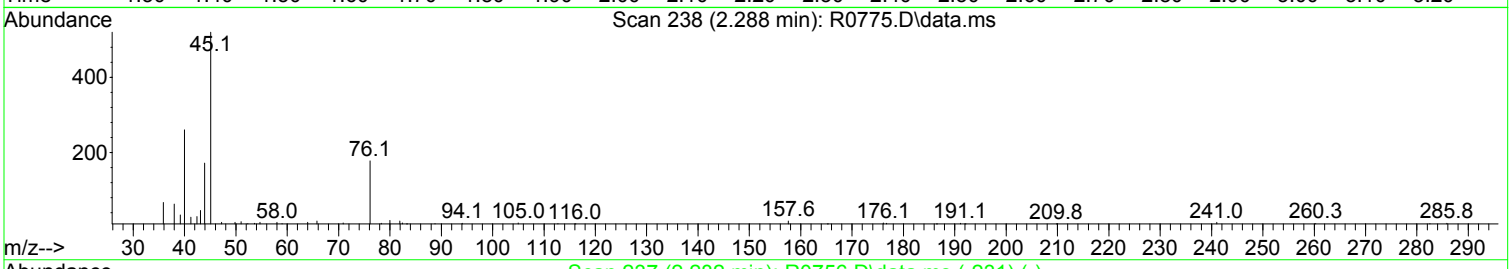
03/17/25

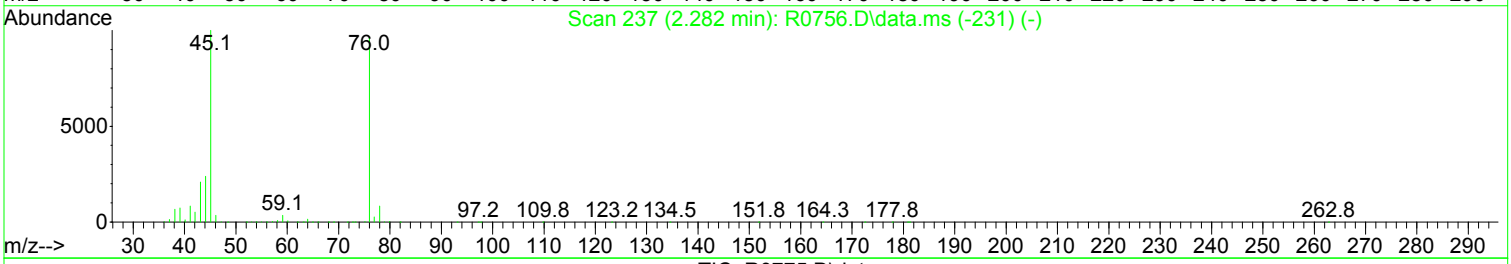
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0775.D\data.ms

(17) 2-Propanol

2.288min (+ 0.006) 1.13 ug/L

response 494

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	8.85
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

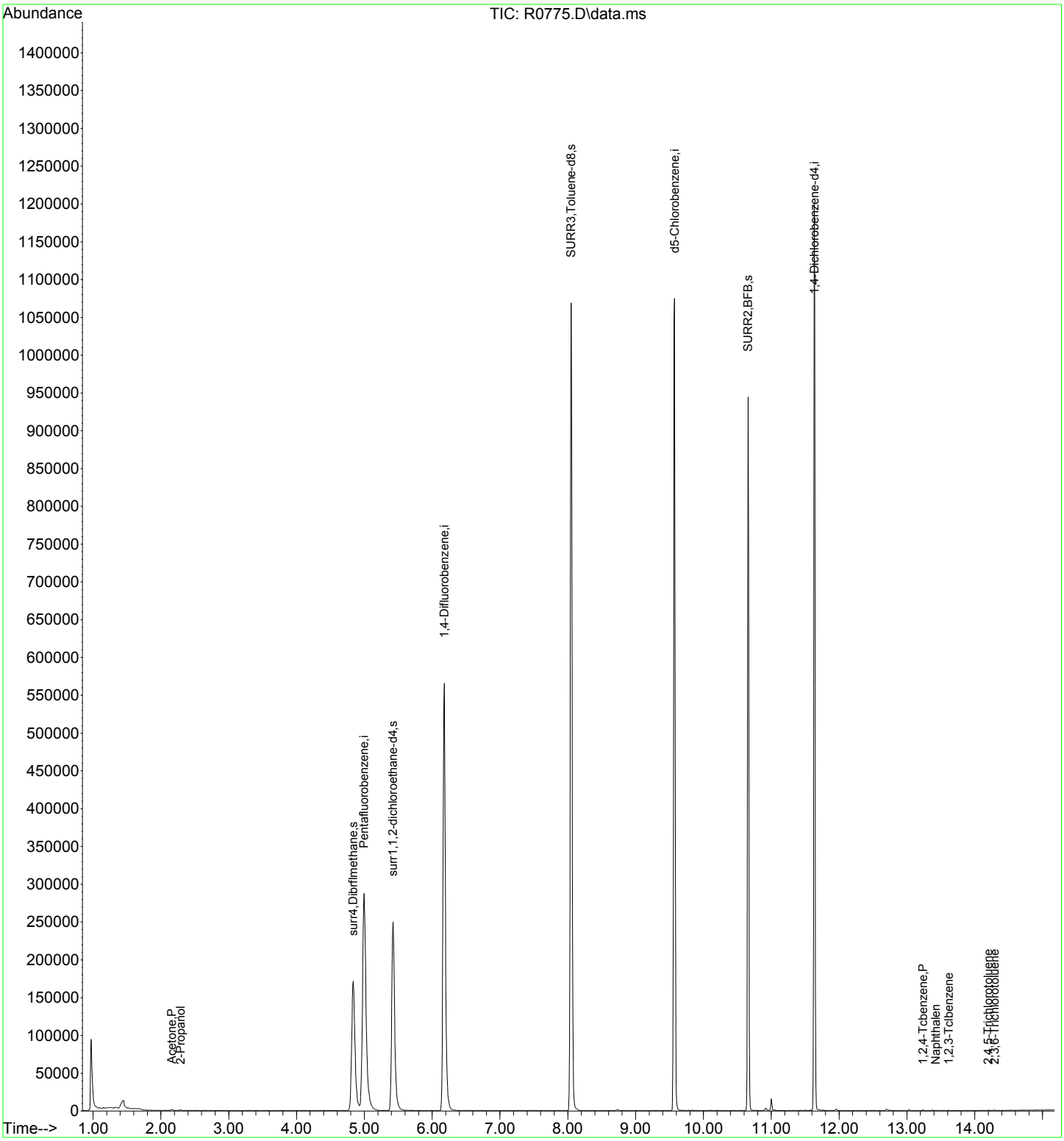
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	330442	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	552327	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.574	117	462879	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	214596	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.837	113	180563	49.06	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 98.12%			
47) surr1,1,2-dichloroetha...	5.422	65	269954	51.95	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.90%			
64) SURR3,Toluene-d8	8.049	98	632494	48.97	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 97.94%			
69) SURR2,BFB	10.659	95	232475	47.17	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 94.34%			
Target Compounds						Qvalue
16) Acetone	2.160	43	1801	0.632	ug/L	94
17) 2-Propanol	2.288	45	722m	1.645	ug/L	
114) 1,2,4-Tcbenzene	13.238	180	266	0.265	ug/L #	48
116) Naphthalen	13.427	128	419	0.533	ug/L	88
117) 1,2,3-Tclbenzene	13.616	180	178m	0.259	ug/L	
118) 2,4,5-Trichlorotoluene	14.201	159	236	1.025	ug/L #	73
119) 2,3,6-Trichlorotoluene	14.292	159	142	0.891	ug/L #	63

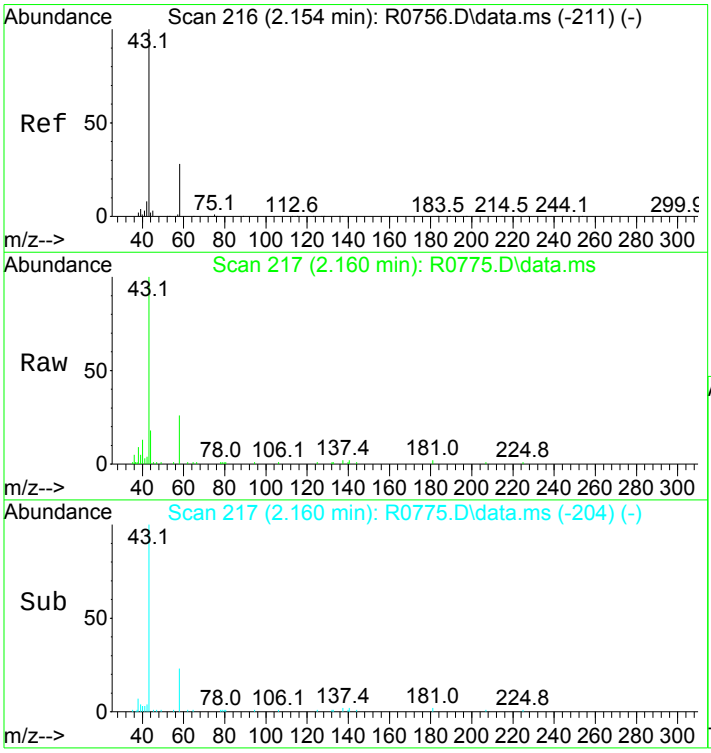
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0775.D
Acq On : 13 Mar 2025 02:06 pm
Operator : K.Ruest
Sample : R2502494-010
Misc : VERINA 8260 T4
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

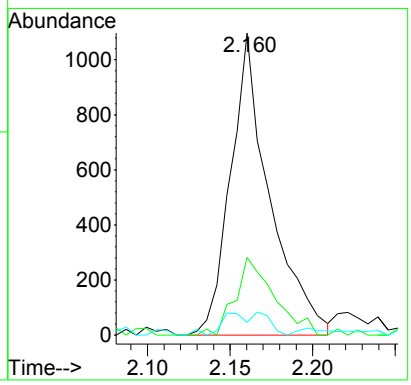


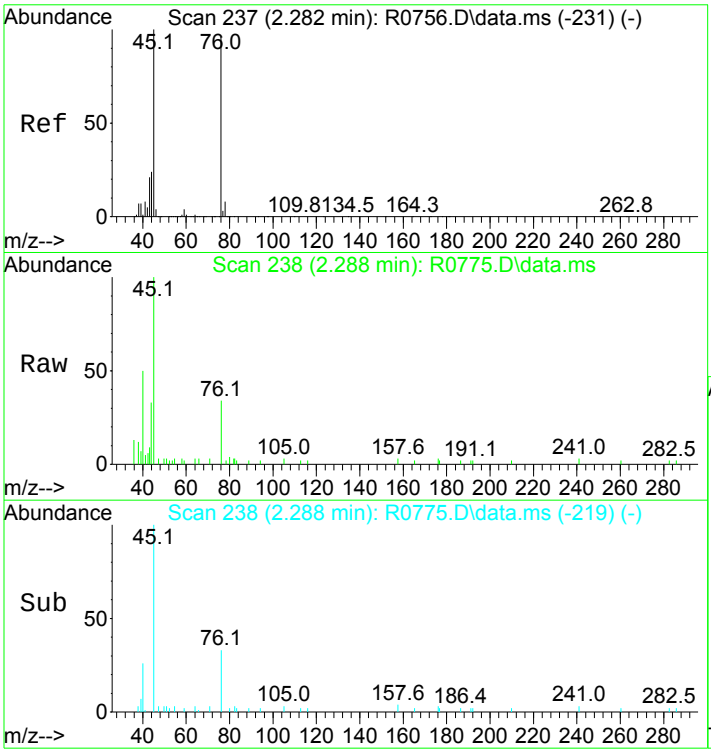


#16
Acetone
Concen: 0.63 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion: 43 Resp: 1801

Ion	Ratio	Lower	Upper
43	100		
58	25.7	8.0	48.0
42	4.2	0.0	27.8

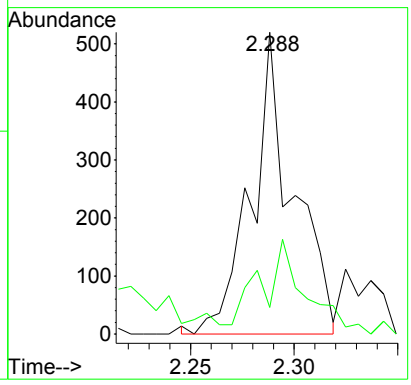


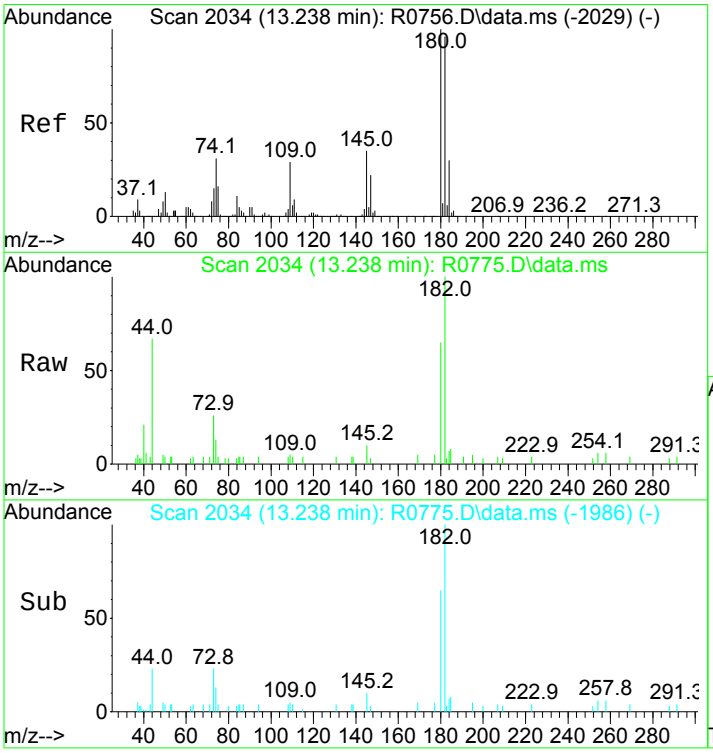


#17
2-Propanol
Concen: 1.65 ug/L m
RT: 2.288 min Scan# 238
Delta R.T. 0.006 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion: 45 Resp: 722

Ion	Ratio	Lower	Upper
45	100		
43	8.8	1.5	41.5

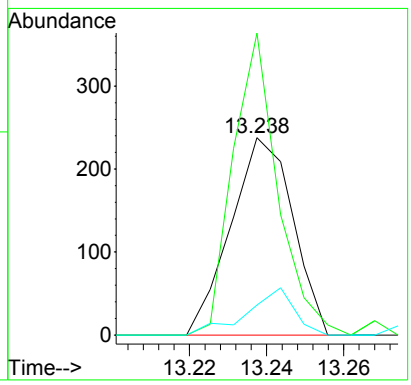


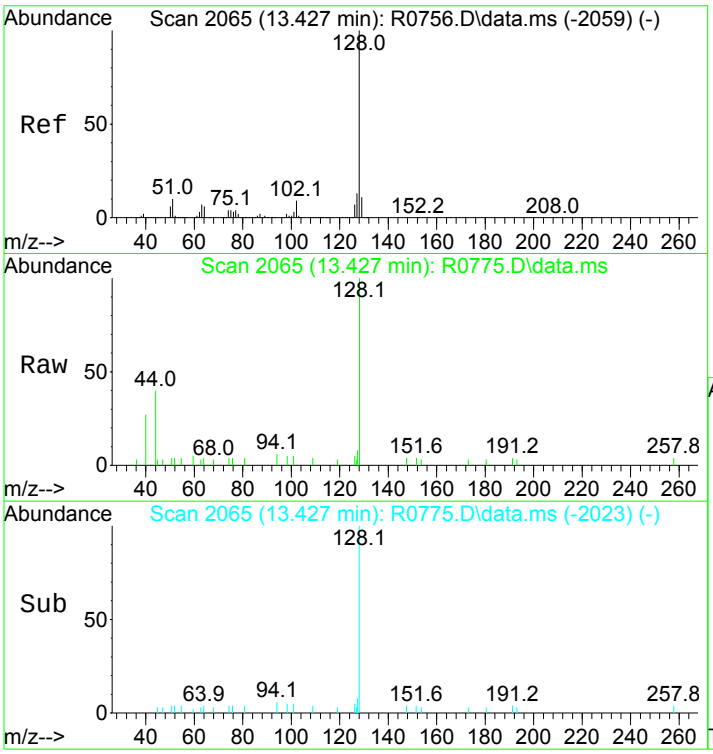


#114
1,2,4-Tcbenzene
Concen: 0.26 ug/L
RT: 13.238 min Scan# 2034
Delta R.T. 0.001 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion:180 Resp: 266

Ion	Ratio	Lower	Upper
180	100		
182	152.9	75.7	115.7#
145	15.1	14.9	54.9

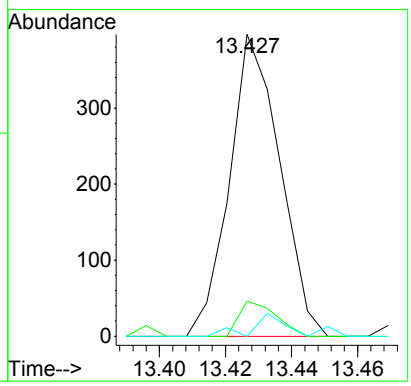


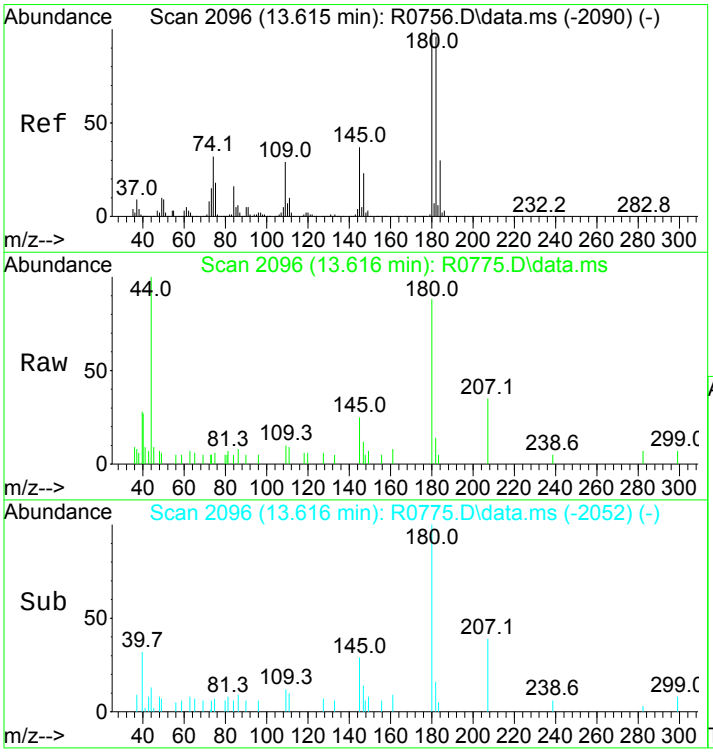


#116
Naphthalen
Concen: 0.53 ug/L
RT: 13.427 min Scan# 2065
Delta R.T. 0.001 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion:128 Resp: 419

Ion	Ratio	Lower	Upper
128	100		
127	11.6	0.0	32.8
102	0.0	0.0	29.1

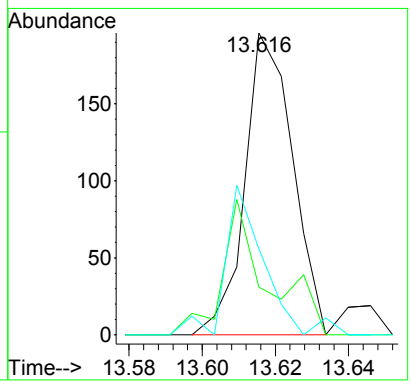


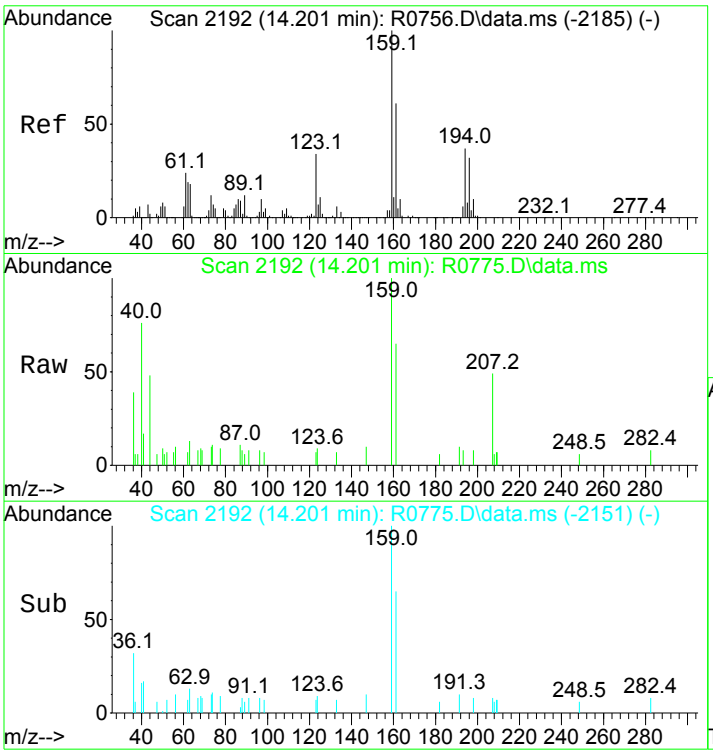


#117
1,2,3-Tclbenzene
Concen: 0.26 ug/L m
RT: 13.616 min Scan# 2096
Delta R.T. 0.001 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion:180 Resp: 178

Ion	Ratio	Lower	Upper
180	100		
182	15.8	76.0	116.0#
145	28.6	16.7	56.7

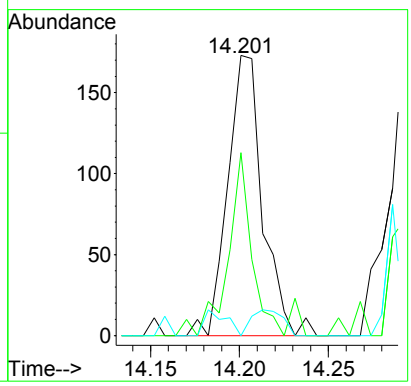


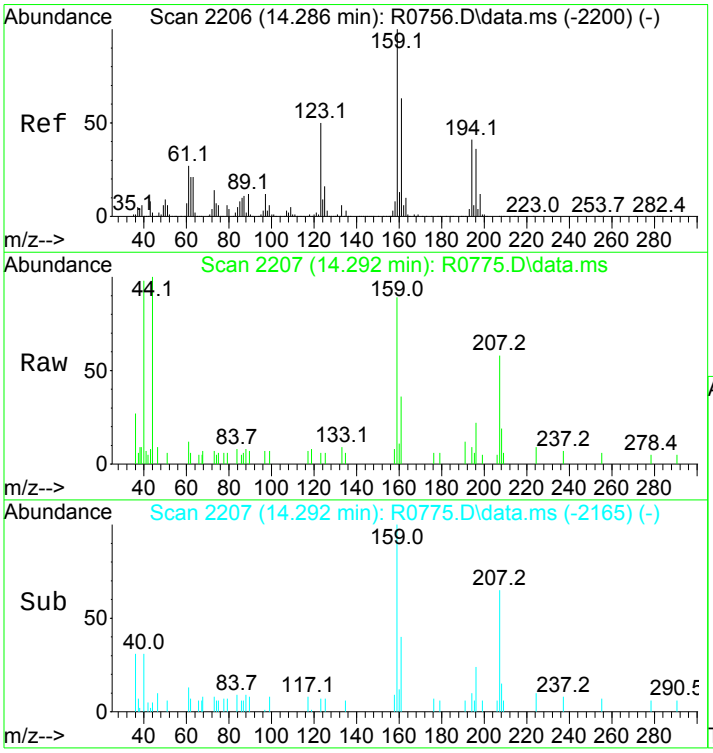


#118
2,4,5-Trichlorotoluene
Concen: 1.02 ug/L
RT: 14.201 min Scan# 2192
Delta R.T. 0.001 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion:159 Resp: 236

Ion	Ratio	Lower	Upper
159	100		
161	65.3	41.1	81.1
194	0.0	16.6	56.6#

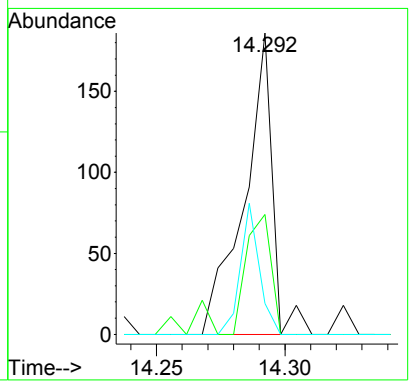




#119
2,3,6-Trichlorotoluene
Concen: 0.89 ug/L
RT: 14.292 min Scan# 2207
Delta R.T. 0.006 min
Lab File: R0775.D
Acq: 13 Mar 2025 02:06 pm

Tgt Ion:159 Resp: 142

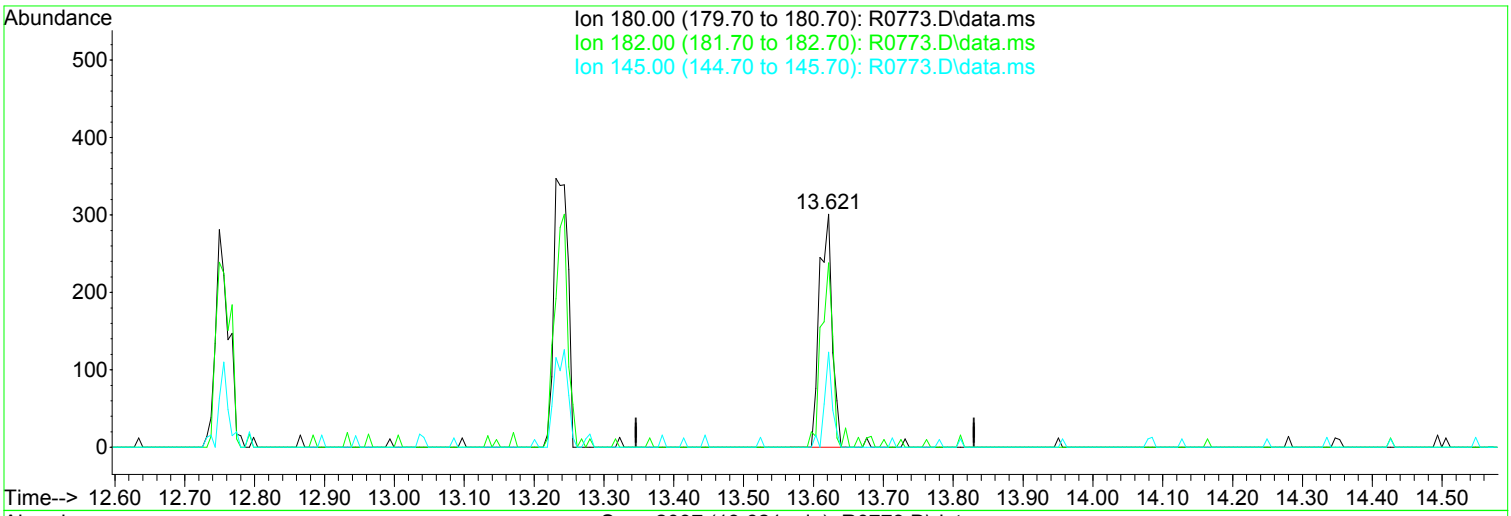
Ion	Ratio	Lower	Upper
159	100		
161	39.8	42.6	82.6#
194	10.2	20.8	60.8#

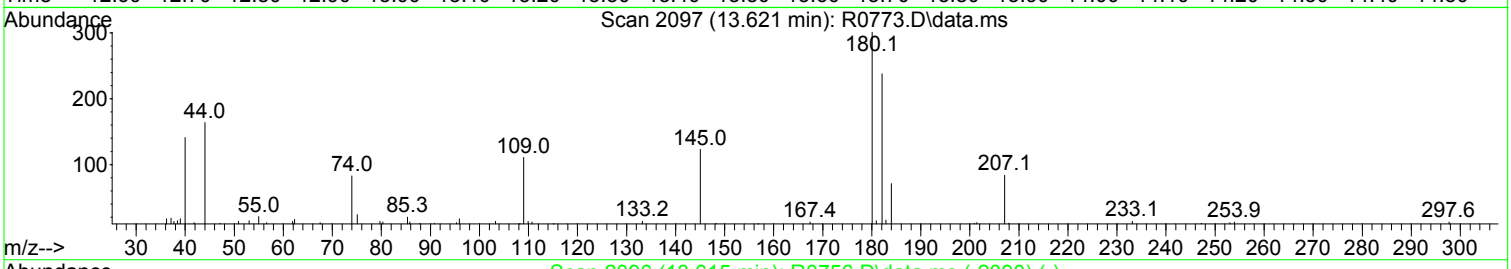


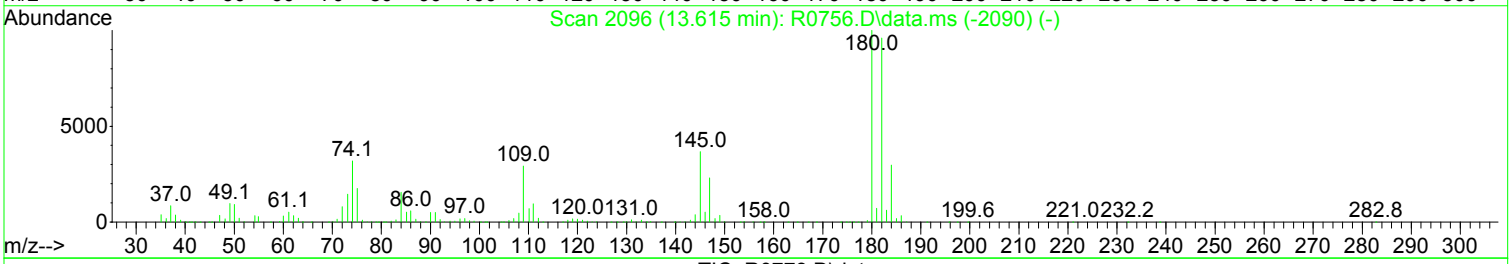
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0773.D\data.ms

(117) 1,2,3-Tclbenzene

13.621min (+ 0.006) 0.31 ug/L m

response 381

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.00	79.07
145.00	36.70	40.86
0.00	0.00	0.00

Manual Integration:

After

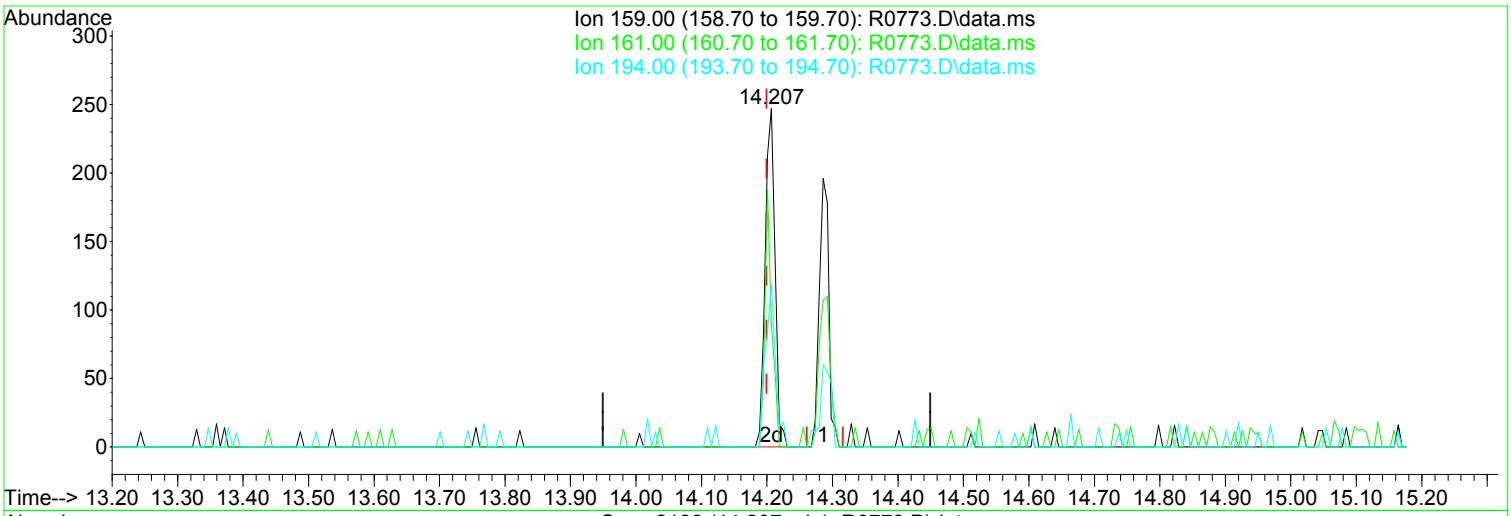
Peak not found.

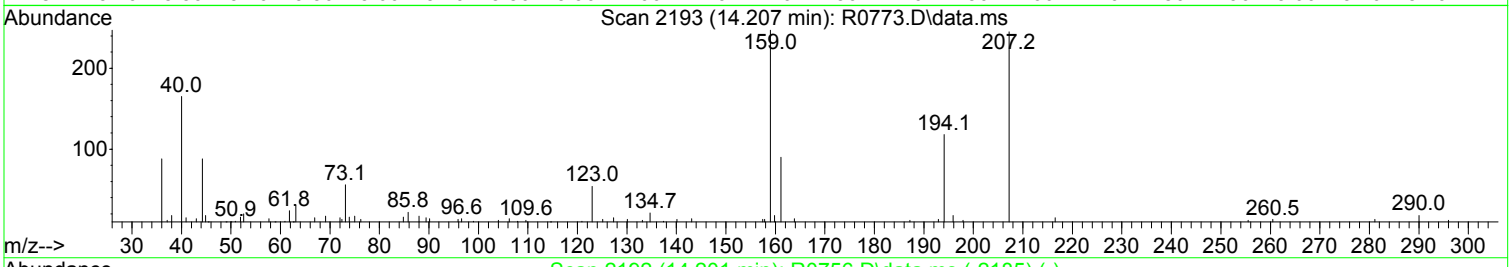
03/13/25

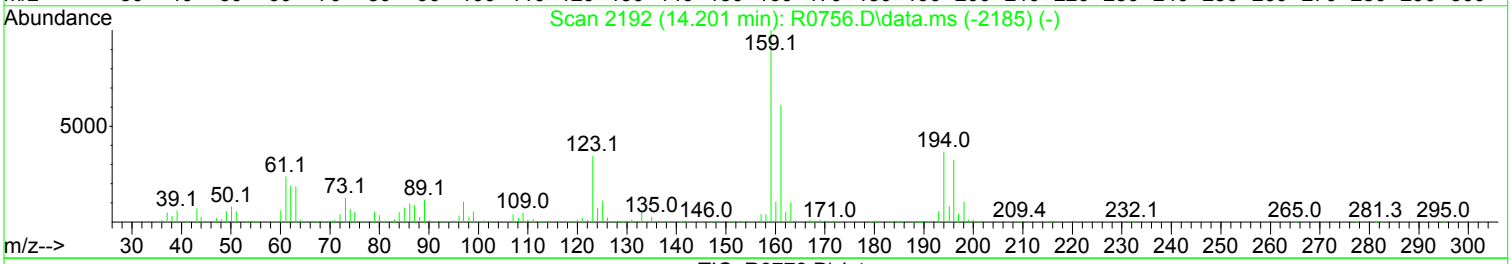
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0773.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.207min (+ 0.007) 1.03 ug/L m

response 257

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.10	36.44#
194.00	36.60	47.77
0.00	0.00	0.00

Manual Integration:

After

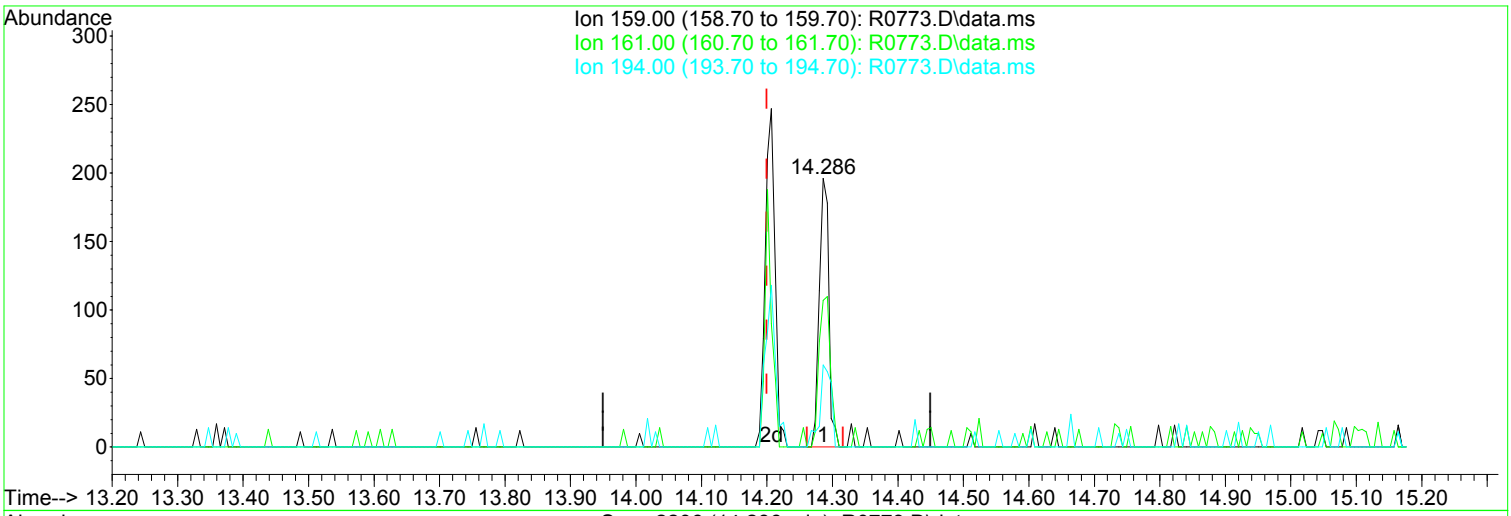
Wrong peak selected.

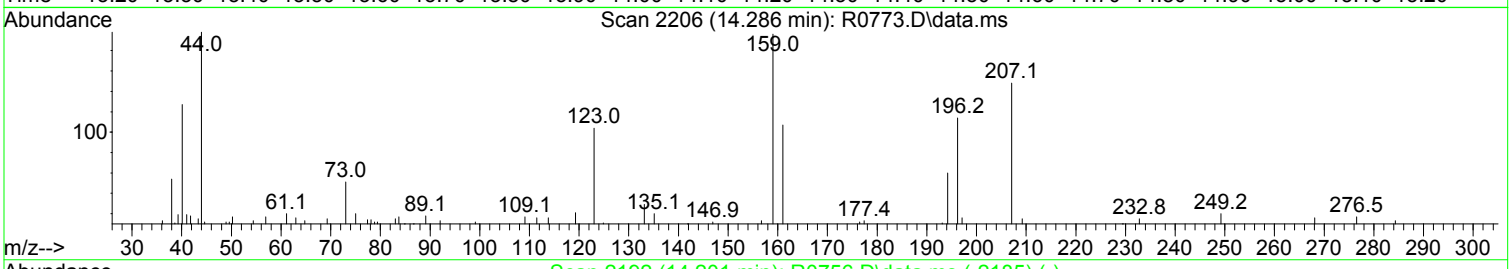
03/13/25

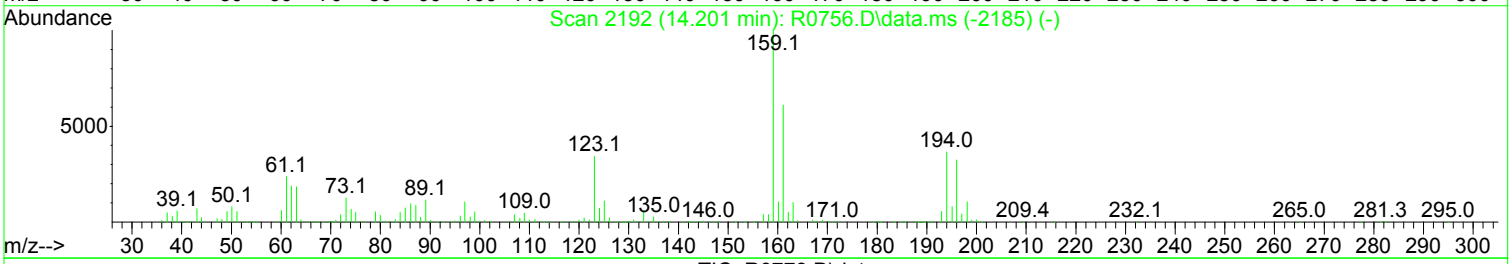
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0773.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.286min (+ 0.086) 1.00 ug/L

response 198

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.10	54.59
194.00	36.60	30.61
0.00	0.00	0.00

Manual Integration:

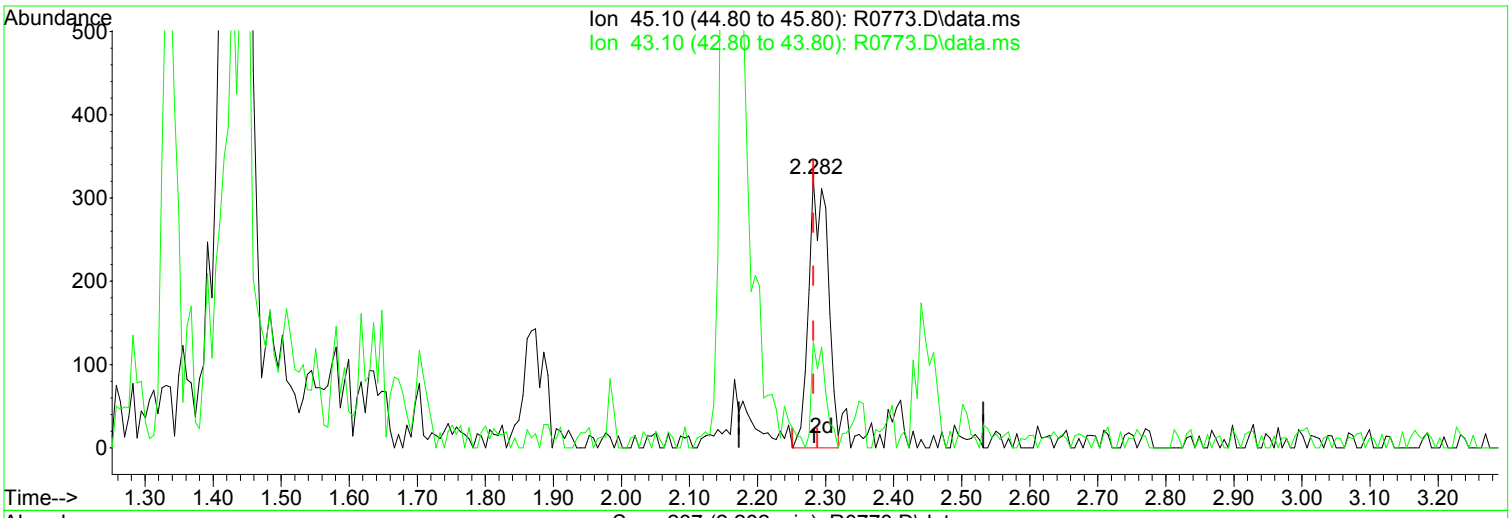
Before

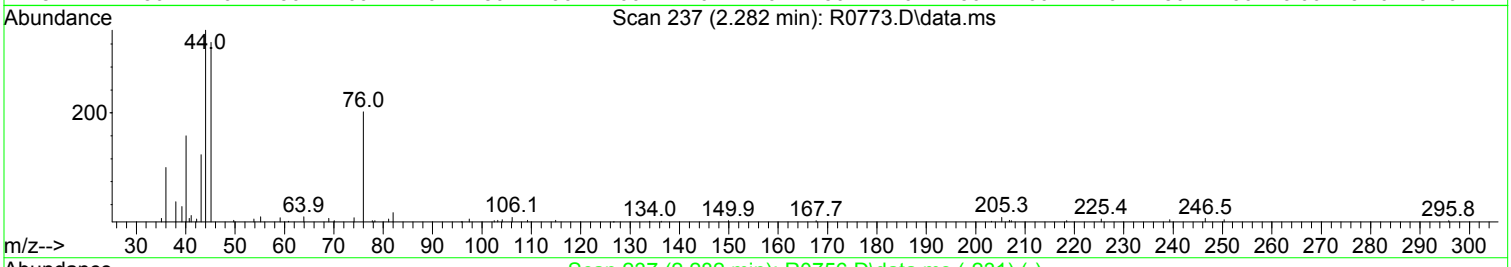
03/13/25

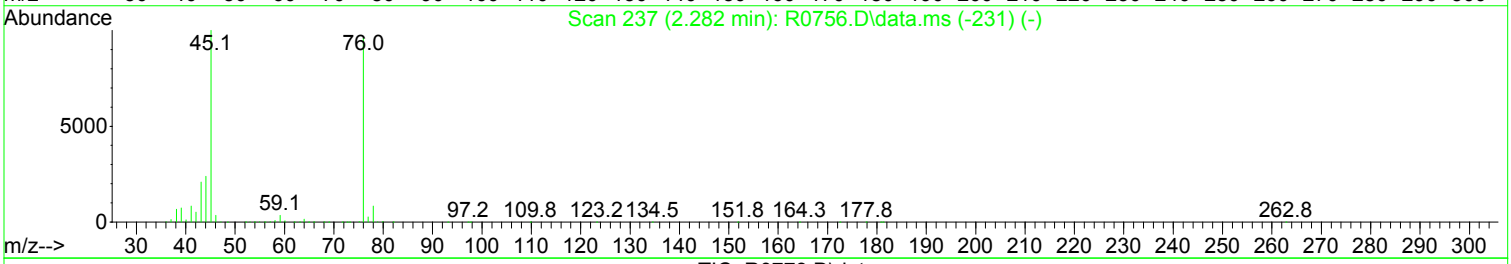
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0773.D\data.ms

(17) 2-Propanol

2.282min (-0.000) 1.42 ug/L m

response 633

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	39.32
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

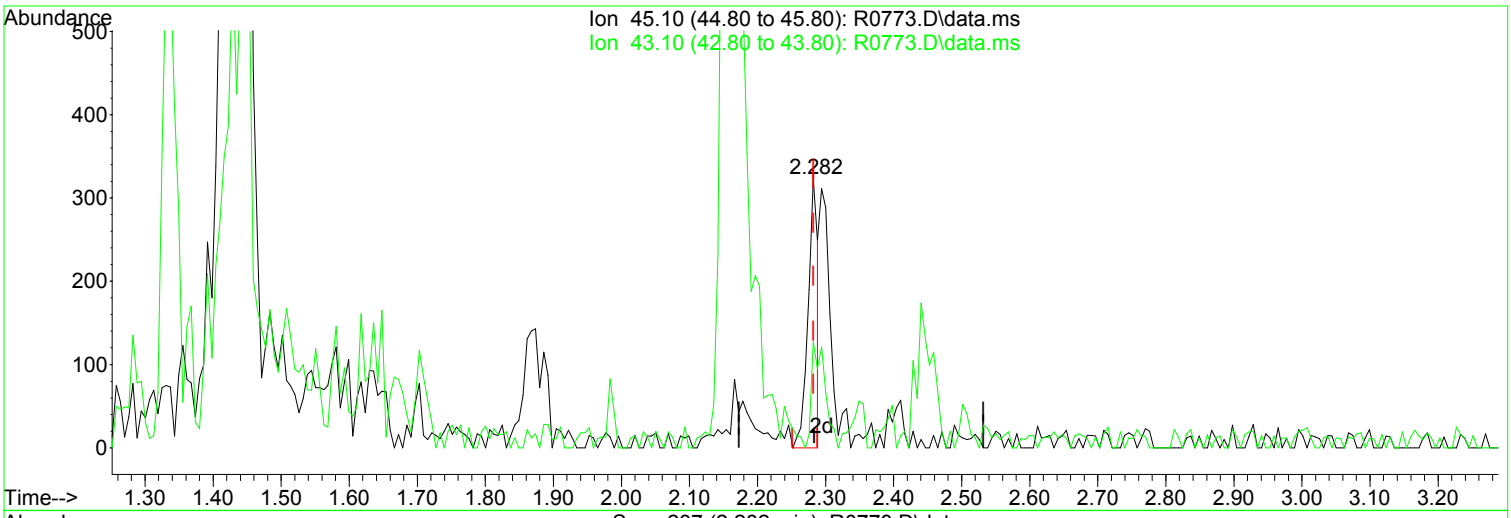
Split Peak.

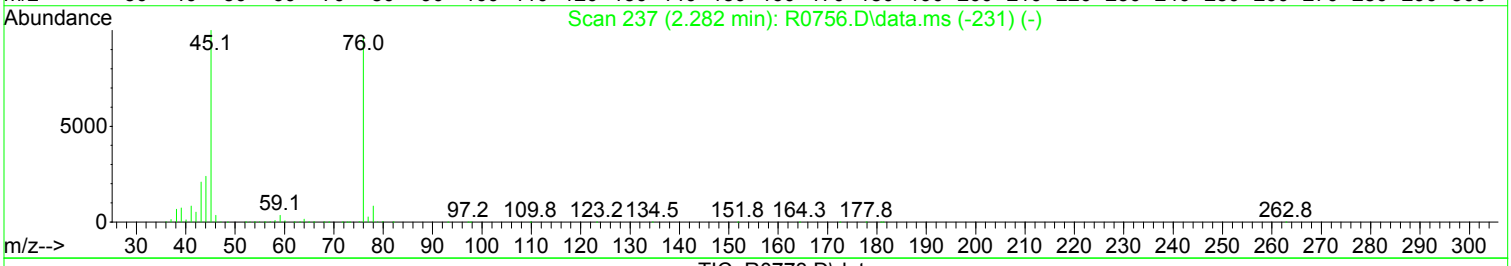
03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration





TIC: R0773.D\data.ms

(17) 2-Propanol

2.282min (-0.000) 0.73 ug/L

response 325

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	39.32
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

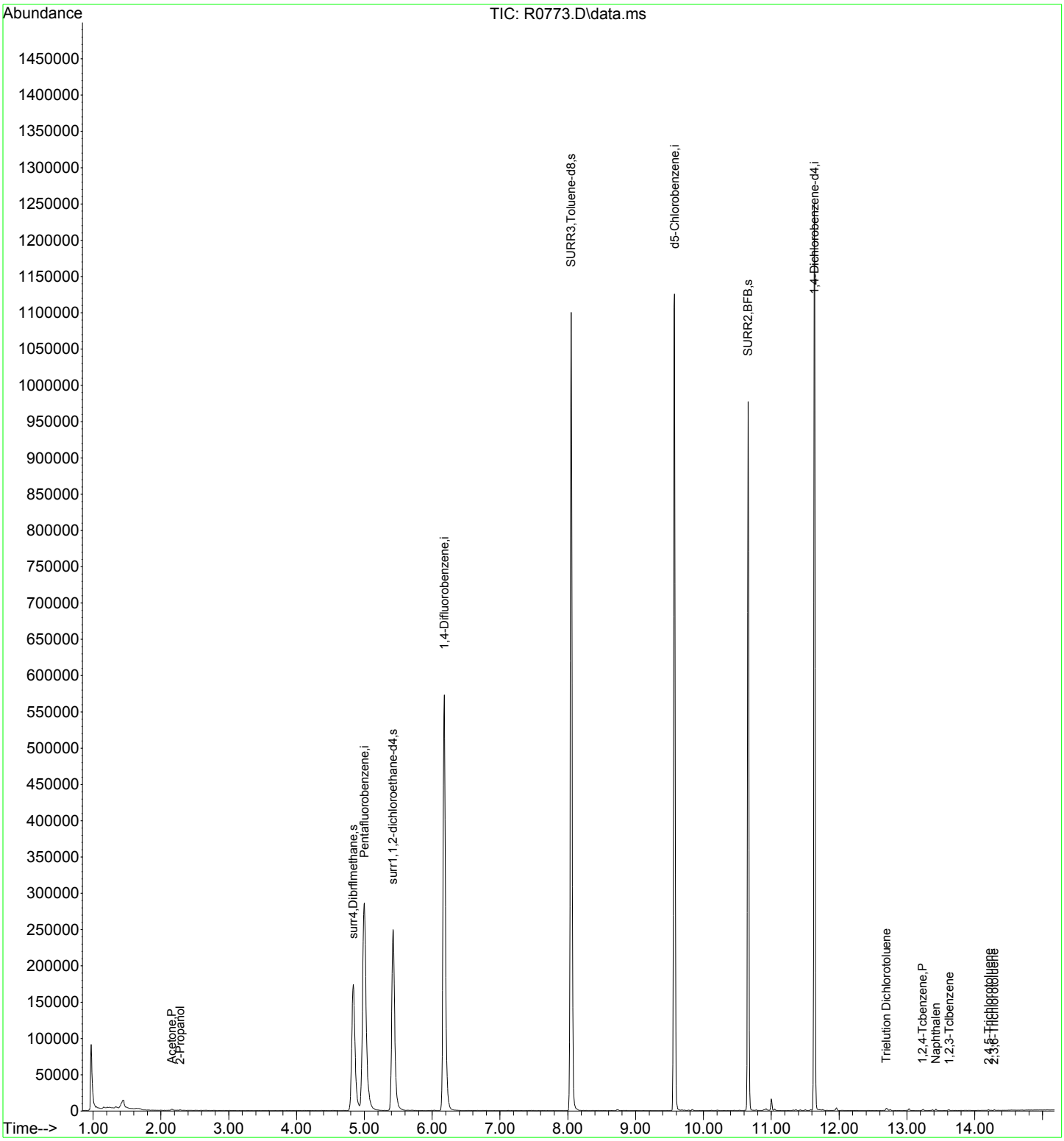
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	335795	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	563577	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	479523	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	223978	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	183963	48.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 97.98%			
47) surr1,1,2-dichloroetha...	5.422	65	272389	51.37	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.74%			
64) SURR3,Toluene-d8	8.049	98	644609	48.91	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 97.82%			
69) SURR2,BFB	10.659	95	240568	47.84	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 95.68%			
Target Compounds						Qvalue
16) Acetone	2.160	43	2501	0.864	ug/L	98
17) 2-Propanol	2.282	45	633m	1.419	ug/L	
111) Trielution Dichlorotol...	12.695	125	1707	0.299	ug/L	86
114) 1,2,4-Tcbenzene	13.231	180	498	0.321	ug/L #	67
116) Naphthalen	13.426	128	1158	0.588	ug/L	87
117) 1,2,3-Tclbenzene	13.621	180	381m	0.312	ug/L	
118) 2,4,5-Trichlorotoluene	14.207	159	257m	1.029	ug/L	
119) 2,3,6-Trichlorotoluene	14.286	159	198	0.914	ug/L	87

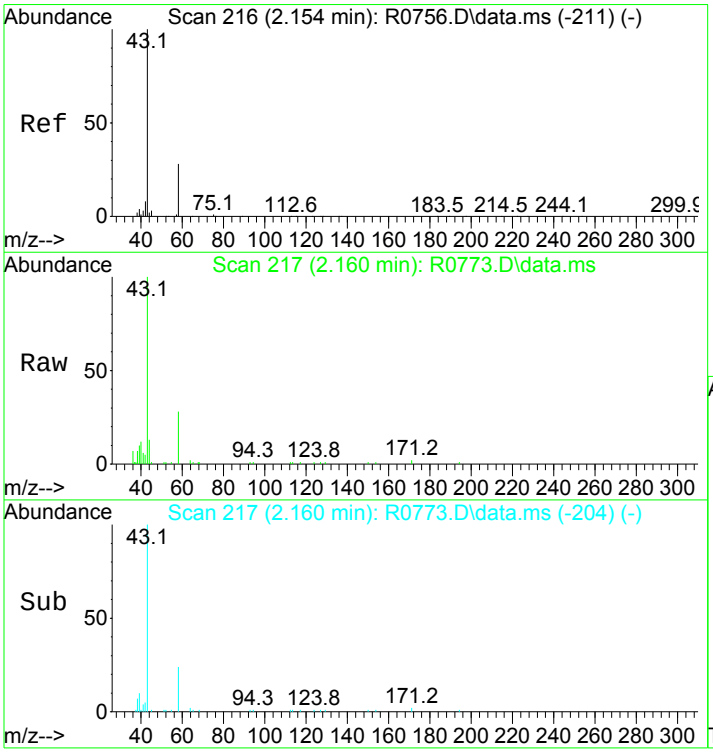
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0773.D
Acq On : 13 Mar 2025 01:11 pm
Operator : K.Ruest
Sample : MBLK-FP
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:01:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

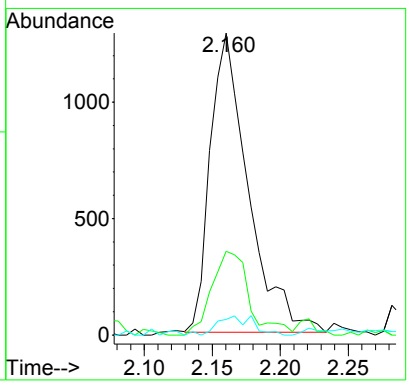


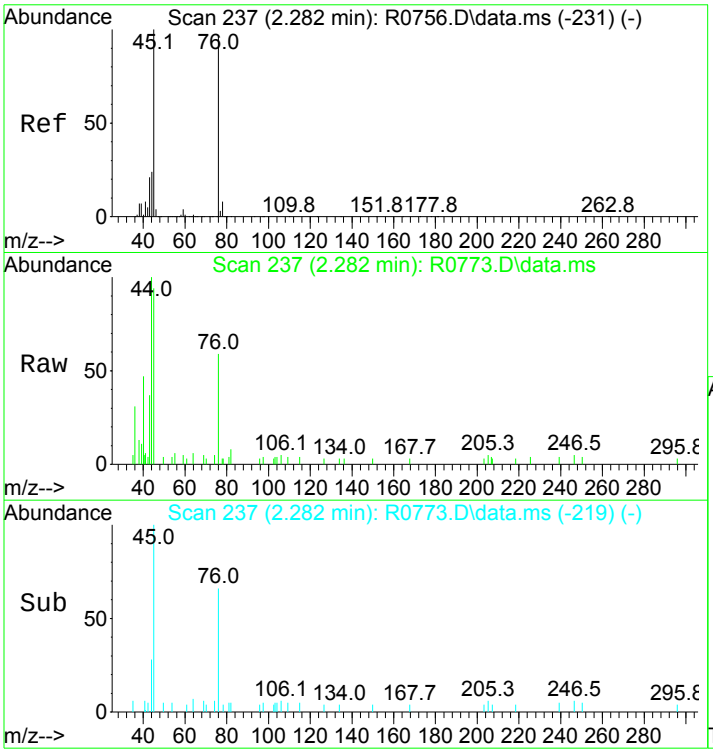


#16
Acetone
Concen: 0.86 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion: 43 Resp: 2501

Ion	Ratio	Lower	Upper
43	100		
58	27.8	8.0	48.0
42	5.2	0.0	27.8

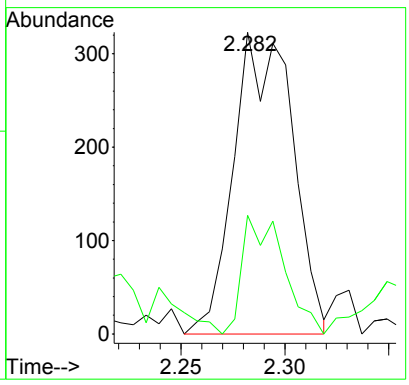


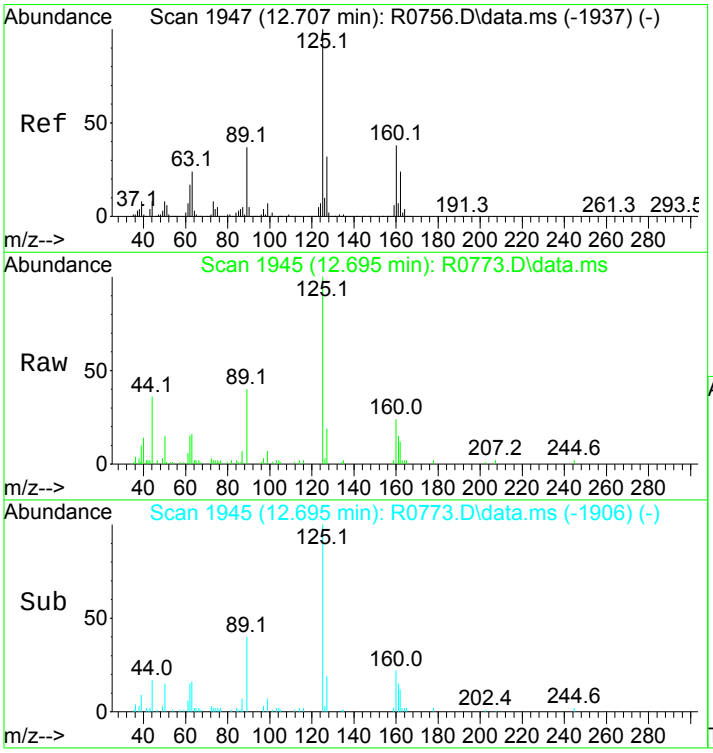


#17
2-Propanol
Concen: 1.42 ug/L m
RT: 2.282 min Scan# 237
Delta R.T. -0.000 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion: 45 Resp: 633

Ion	Ratio	Lower	Upper
45	100		
43	39.3	1.5	41.5

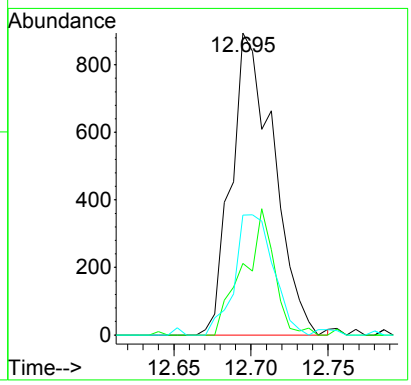


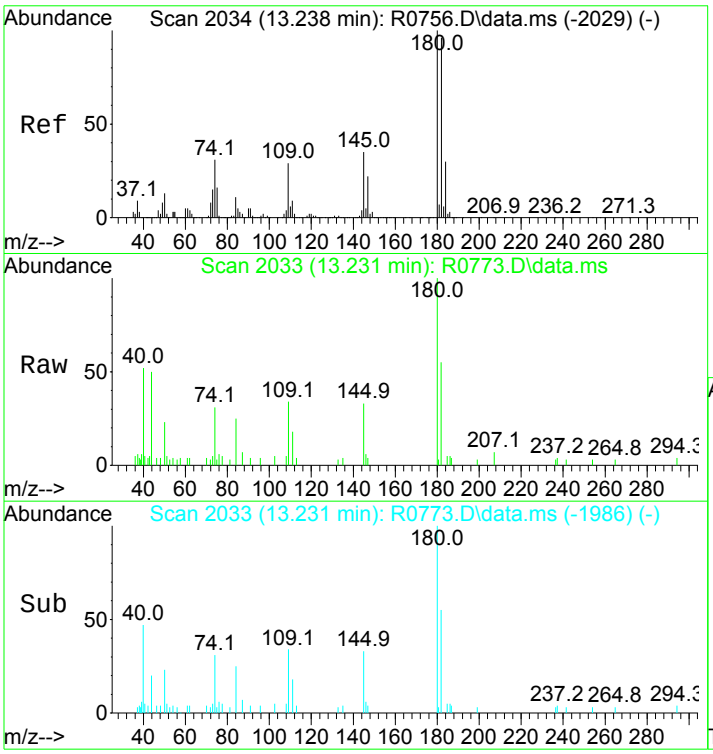


#111
Trielution Dichlorotoluene
Concen: 0.30 ug/L
RT: 12.695 min Scan# 1945
Delta R.T. -0.012 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:125 Resp: 1707

Ion	Ratio	Lower	Upper
125	100		
160	23.7	17.8	57.8
89	39.7	17.3	57.3

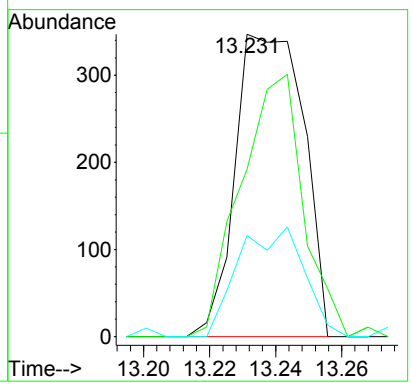


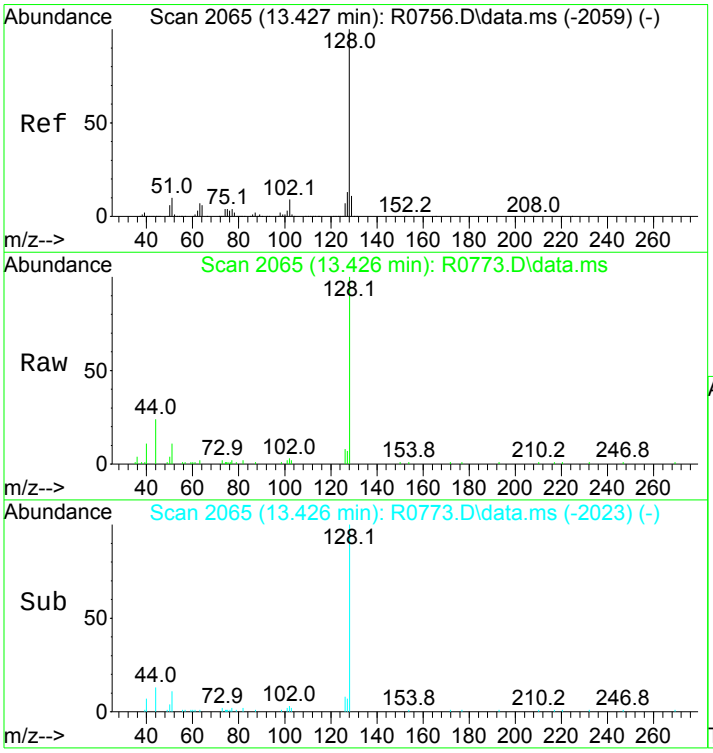


#114
1,2,4-Tcbenzene
Concen: 0.32 ug/L
RT: 13.231 min Scan# 2033
Delta R.T. -0.006 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:180 Resp: 498

Ion	Ratio	Lower	Upper
180	100		
182	53.8	75.7	115.7#
145	32.5	14.9	54.9

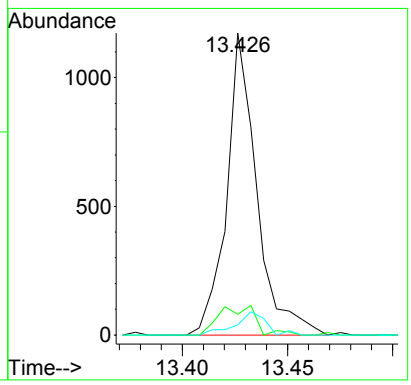


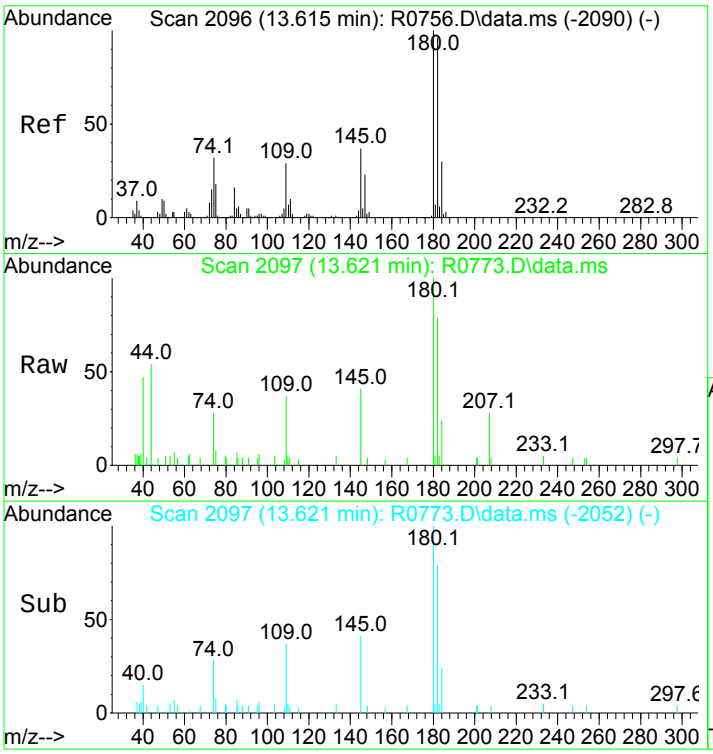


#116
Naphthalen
Concen: 0.59 ug/L
RT: 13.426 min Scan# 2065
Delta R.T. 0.000 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:128 Resp: 1158

Ion	Ratio	Lower	Upper
128	100		
127	6.9	0.0	32.8
102	4.9	0.0	29.1

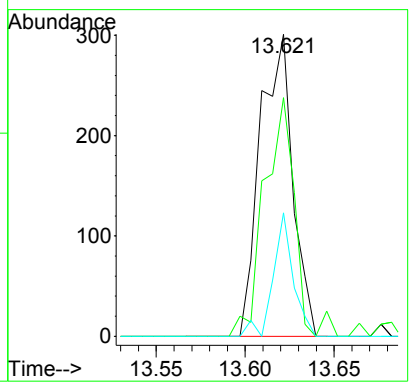


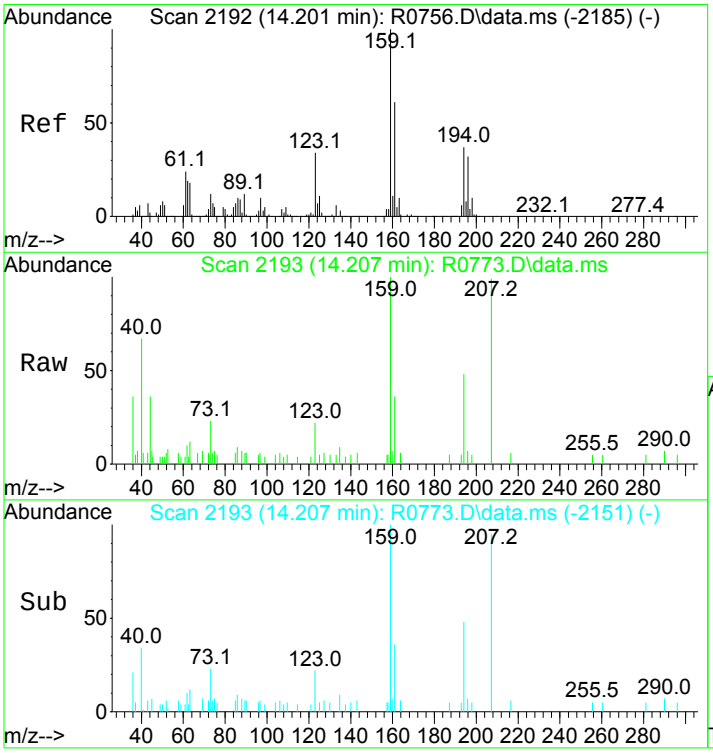


#117
1,2,3-Tclbenzene
Concen: 0.31 ug/L m
RT: 13.621 min Scan# 2097
Delta R.T. 0.006 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:180 Resp: 381

Ion	Ratio	Lower	Upper
180	100		
182	79.1	76.0	116.0
145	40.9	16.7	56.7

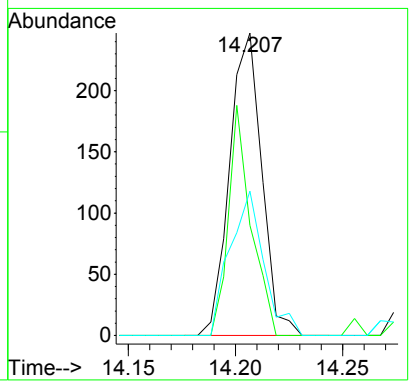


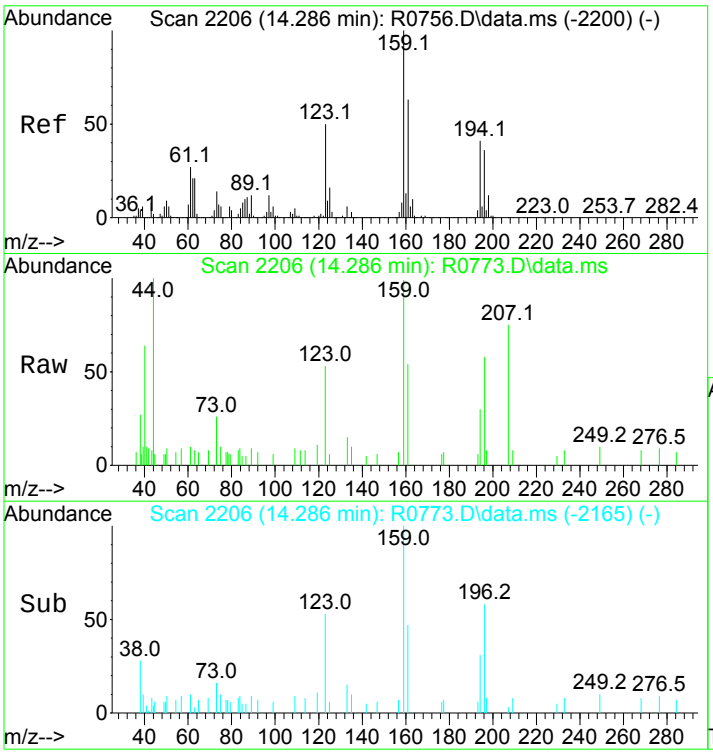


#118
2,4,5-Trichlorotoluene
Concen: 1.03 ug/L m
RT: 14.207 min Scan# 2193
Delta R.T. 0.007 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:159 Resp: 257

Ion	Ratio	Lower	Upper
159	100		
161	36.4	41.1	81.1#
194	47.8	16.6	56.6

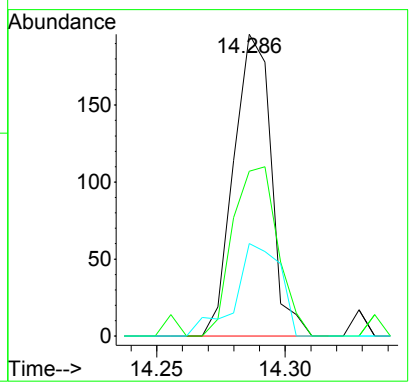




#119
2,3,6-Trichlorotoluene
Concen: 0.91 ug/L
RT: 14.286 min Scan# 2206
Delta R.T. 0.000 min
Lab File: R0773.D
Acq: 13 Mar 2025 01:11 pm

Tgt Ion:159 Resp: 198

Ion	Ratio	Lower	Upper
159	100		
161	54.6	42.6	82.6
194	30.6	20.8	60.8



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0770.D
Acq On : 13 Mar 2025 12:01 pm
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:29 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	338739	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	564076	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	484324	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	239155	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.837	113	193416	51.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.92%			
47) surr1,1,2-dichloroetha...	5.422	65	270154	50.91	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.82%			
64) SURR3,Toluene-d8	8.049	98	668159	50.65	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 101.30%			
69) SURR2,BFB	10.659	95	249455	49.57	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 99.14%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.099	51	111819	29.785	ug/L	97
3) Dichlorodifluoromethane	1.075	85	97667	27.028	ug/L	97
4) Chloromethane	1.209	50	123466	22.137	ug/L	98
5) Vinyl Chloride	1.264	62	98843	23.038	ug/L	99
6) Bromomethane	1.465	94	49464	21.154	ug/L	97
7) Chloroethane	1.538	64	55072	19.979	ug/L	98
8) Freon 21	1.679	67	100376	17.299	ug/L	99
9) Trichlorofluoromethane	1.721	101	117158	20.658	ug/L	99
10) Diethyl Ether	1.935	59	78677	19.409	ug/L	99
11) Freon 123a	1.941	67	65971	18.889	ug/L	99
12) Freon 123	1.989	83	95423	22.224	ug/L	100
13) Acrolein	2.026	56	39464	32.665	ug/L	96
14) 1,1-Diclethene	2.105	96	59496	19.792	ug/L	98
15) Freon 113	2.111	101	64849	20.401	ug/L	91
16) Acetone	2.154	43	45114	15.447	ug/L	99
17) 2-Propanol	2.282	45	165306	367.417	ug/L	97
18) Iodomethane	2.227	142	51968	16.352	ug/L	98
19) Carbon Disulfide	2.282	76	140155	19.304	ug/L	98
20) Acetonitrile/Allyl Chl...	2.410	41	219008	129.338	ug/L	98
21) Methyl Acetate	2.441	43	85534	18.620	ug/L	99
22) Methylene Chloride	2.520	84	64813	19.171	ug/L	94
23) TBA	2.654	59	249949	399.745	ug/L	96
24) Acrylonitrile	2.764	53	241577	94.763	ug/L	100
25) Methyl-t-Butyl Ether	2.800	73	212473	20.656	ug/L	99
26) trans-1,2-Dichloroethene	2.788	96	66328	20.521	ug/L	97
27) 1,1-Diclethane	3.245	63	139497	20.239	ug/L	99
28) Vinyl Acetate	3.337	86	11332	17.127	ug/L #	93
29) DIPE	3.361	45	271703	18.010	ug/L	98
30) 2-Chloro-1,3-Butadiene	3.361	53	150210	18.166	ug/L	99
31) ETBE	3.849	59	252166	18.906	ug/L	100
32) 2,2-Dichloropropane	4.014	77	88064	21.699	ug/L	97
33) cis-1,2-Dichloroethene	4.026	96	73602	20.638	ug/L	93
34) 2-Butanone	4.087	43	56361	16.666	ug/L	100
35) Propionitrile	4.160	54	98581	95.611	ug/L	98
36) Bromochloromethane	4.385	130	49370	20.141	ug/L	92
37) Methacrylonitrile	4.404	67	35434	19.102	ug/L	98
38) Tetrahydrofuran	4.489	42	37902	18.508	ug/L	95
39) Chloroform	4.556	83	121851	19.567	ug/L	98
40) 1,1,1-Trichloroethane	4.837	97	108939	21.113	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0770.D
Acq On : 13 Mar 2025 12:01 pm
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:29 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.769	73	172573	19.881	ug/L	98
43) Cyclohexane	4.916	41	78885	19.039	ug/L	93
45) Carbontetrachloride	5.129	117	95623	21.488	ug/L	97
46) 1,1-Dichloropropene	5.147	75	85227	19.360	ug/L	97
48) Benzene	5.501	78	254366	20.290	ug/L	99
49) 1,2-Dichloroethane	5.550	62	128908	19.683	ug/L	98
50) Iso-Butyl Alcohol	5.568	43	103270	358.014	ug/L	98
51) n-Heptane	6.025	43	129854	19.726	ug/L	98
52) 1-Butanol	6.592	56	148294	913.267	ug/L	99
53) Trichloroethene	6.513	130	75549	20.511	ug/L	99
54) Methylcyclohexane	6.751	55	115691	18.587	ug/L	97
55) 1,2-Diclpropane	6.806	63	77693	19.483	ug/L	98
56) Dibromomethane	6.952	93	46880	21.189	ug/L	96
57) 1,4-Dioxane	7.037	88	23131	376.006	ug/L	95
58) Methyl Methacrylate	7.062	69	55561	21.166	ug/L	99
59) Bromodichloromethane	7.196	83	89864	21.991	ug/L	100
60) 2-Nitropropane	7.501	41	31630	44.732	ug/L	93
62) cis-1,3-Dichloropropene	7.757	75	103064	23.132	ug/L	98
63) 4-Methyl-2-pentanone	7.976	43	113637	19.068	ug/L	99
65) Toluene	8.123	91	276418	20.107	ug/L	99
66) trans-1,3-Dichloropropene	8.409	75	93603	23.549	ug/L	99
67) Ethyl Methacrylate	8.561	69	97471	21.001	ug/L	99
68) 1,1,2-Trichloroethane	8.598	97	66205	20.454	ug/L	95
71) Tetrachloroethene	8.726	164	53462	19.956	ug/L	96
72) 2-Hexanone	8.909	43	81814	18.089	ug/L	99
73) 1,3-Dichloropropane	8.775	76	111129	20.183	ug/L	99
74) Dibromochloromethane	9.000	129	71560	22.095	ug/L	98
75) N-Butyl Acetate	9.074	43	159249	18.968	ug/L	100
76) 1,2-Dibromoethane	9.092	107	71295	20.818	ug/L	99
77) 3-Chlorobenzotrifluoride	9.628	180	80442	17.959	ug/L	98
78) Chlorobenzene	9.598	112	188309	19.802	ug/L	99
79) 4-Chlorobenzotrifluoride	9.683	180	71597	18.225	ug/L	96
80) 1,1,1,2-Tetrachloroethane	9.689	131	67468	21.001	ug/L	98
81) Ethylbenzene	9.720	106	98531	20.200	ug/L	99
82) (m+p)Xylene	9.836	106	243900	41.272	ug/L	97
83) o-Xylene	10.195	106	118692	20.255	ug/L	99
84) Styrene	10.214	104	202509	20.729	ug/L	99
85) Bromoform	10.360	173	40842	23.684	ug/L	99
86) 2-Chlorobenzotrifluoride	10.451	180	77092	18.702	ug/L	96
87) Isopropylbenzene	10.537	105	305359	21.441	ug/L	99
88) Cyclohexanone	10.604	55	90181	72.700	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.854	53	31336	17.625	ug/L	96
91) 1,1,2,2-Tetrachloroethane	10.805	83	90468	19.416	ug/L	98
92) Bromobenzene	10.781	156	74814	19.673	ug/L	99
93) 1,2,3-Trichloropropane	10.829	110	31134	18.521	ug/L	99
94) n-Propylbenzene	10.896	91	351370	19.751	ug/L	99
95) 2-Chlorotoluene	10.951	91	212190	19.938	ug/L	98
96) 3-Chlorotoluene	11.006	91	206107	18.818	ug/L	100
97) 4-Chlorotoluene	11.049	91	252219	20.282	ug/L	100
98) 1,3,5-Trimethylbenzene	11.049	105	258601	20.092	ug/L	97
99) tert-Butylbenzene	11.323	119	226021	20.001	ug/L	99
100) 1,2,4-Trimethylbenzene	11.360	105	256513	20.144	ug/L	99
101) 3,4-Dichlorobenzotrifl...	11.427	214	51652	18.166	ug/L	99
102) sec-Butylbenzene	11.506	105	317524	19.847	ug/L	99
103) p-Isopropyltoluene	11.628	119	283786	20.631	ug/L	99
104) 1,3-Dclbenz	11.579	146	145166	20.036	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0770.D
Acq On : 13 Mar 2025 12:01 pm
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:29 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

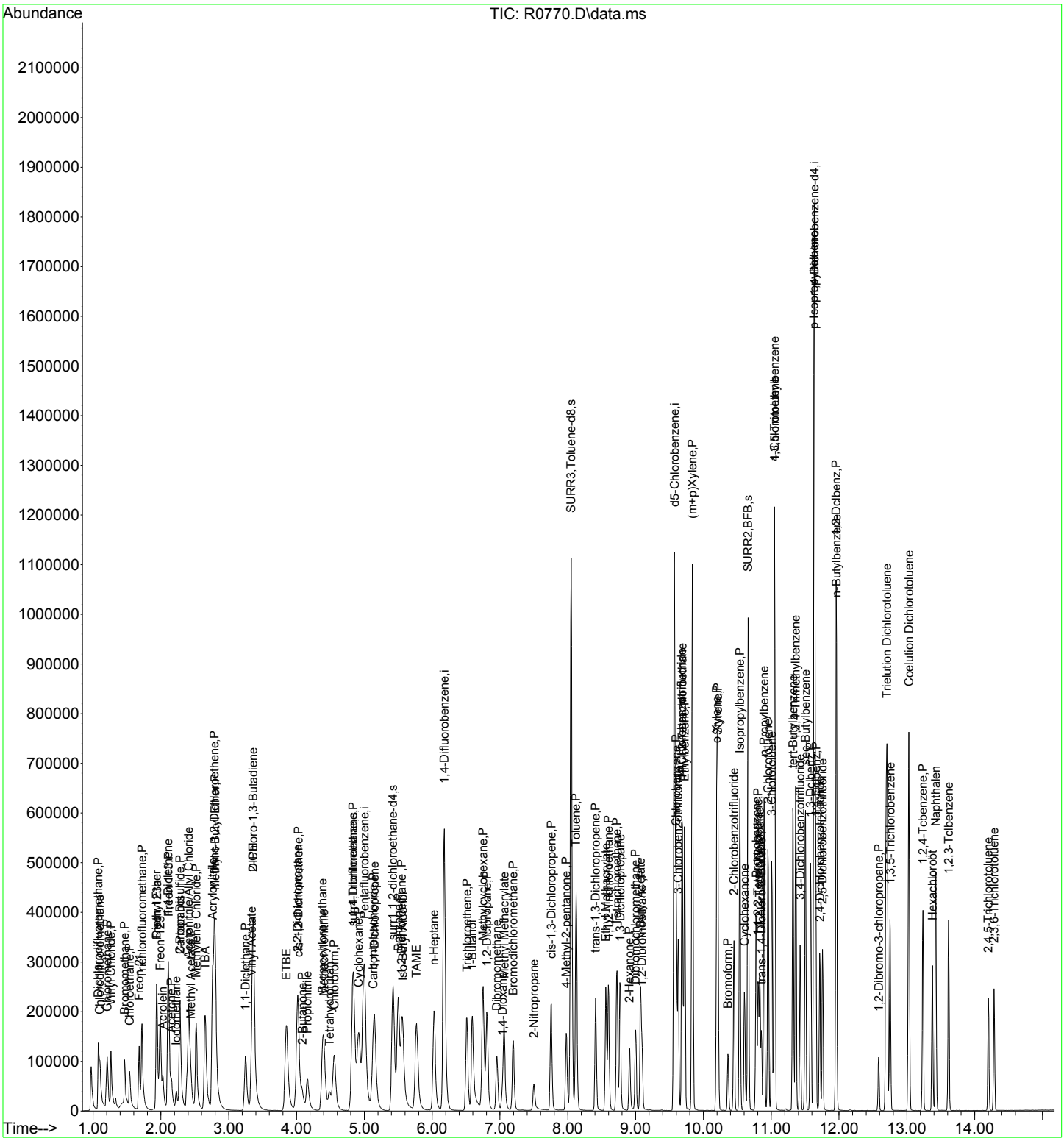
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
105) 1,4-Dclbenz	11.658	146	146340	19.687	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.719	214	46144	18.055	ug/L	100
107) 2,5-Dichlorobenzotrifl...	11.756	214	52238	18.457	ug/L	98
108) n-Butylbenzene	11.963	91	248789	21.238	ug/L	99
109) 1,2-Dclbenz	11.957	146	140296	19.964	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	19257	21.948	ug/L	98
111) Trielution Dichlorotol...	12.707	125	352490	57.858	ug/L	100
112) 1,3,5-Trichlorobenzene	12.756	180	80268	18.809	ug/L	98
113) Coelution Dichlorotoluene	13.030	125	247155	39.753	ug/L	99
114) 1,2,4-Tcbenzene	13.237	180	84590	20.499	ug/L	98
115) Hexachlorobt	13.378	225	34216	19.512	ug/L	98
116) Naphthalen	13.426	128	272624	20.013	ug/L	98
117) 1,2,3-Tclbenzene	13.615	180	80593	20.807	ug/L	97
118) 2,4,5-Trichlorotoluene	14.201	159	43716	17.753	ug/L	100
119) 2,3,6-Trichlorotoluene	14.286	159	42910	19.334	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0770.D
Acq On : 13 Mar 2025 12:01 pm
Operator : K.Ruest
Sample : LCS-FP
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 17:01:29 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Pentafluorobenzene	50.000	50.000	0.0	107	0.00
2		Chlorodifluoromethane	50.000	45.819	8.4	102	0.00
3	P	Dichlorodifluoromethane	50.000	45.796	8.4	104	0.00
4	P	Chloromethane	50.000	43.304	13.4	102	0.00
5	P	Vinyl Chloride	50.000	44.660	10.7	104	0.00
6	P	Bromomethane	50.000	48.343	3.3	139	0.00
7	P	Chloroethane	50.000	42.942	14.1	104	0.00
8		Freon 21	50.000	47.499	5.0	104	0.00
9	P	Trichlorofluoromethane	50.000	44.395	11.2	104	0.00
10		Diethyl Ether	50.000	42.744	14.5	100	0.00
11		Freon 123a	50.000	46.178	7.6	105	0.00
12		Freon 123	50.000	47.627	4.7	105	0.00
13		Acrolein	250.000	204.679	18.1	88	0.00
14		1,1-Diclethene	50.000	44.315	11.4	105	0.00
15	P	Freon 113	50.000	43.565	12.9	104	0.00
16	P	Acetone	50.000	40.234	19.5	86	0.00
17		2-Propanol	1000.000	816.063	18.4	87	0.00
18		Iodomethane	50.000	32.263	35.5#	68	0.00
19	P	Carbon Disulfide	50.000	46.558	6.9	96	0.00
20		Acetonitrile/Allyl Chloride	300.000	265.375	11.5	98	0.00
21	P	Methyl Acetate	50.000	42.750	14.5	91	0.00
22	P	Methylene Chloride	50.000	42.313	15.4	104	0.00
23		TBA	1000.000	814.367	18.6	89	0.00
24		Acrylonitrile	250.000	204.247	18.3	93	0.00
25	P	Methyl-t-Butyl Ether	50.000	44.850	10.3	102	0.00
26	P	trans-1,2-Dichloroethene	50.000	44.548	10.9	105	0.00
27	P	1,1-Diclethane	50.000	45.277	9.4	103	0.00
28		Vinyl Acetate	50.000	44.425	11.2	95	0.00
29		DIPE	50.000	44.716	10.6	97	0.00
30		2-Chloro-1,3-Butadiene	50.000	44.377	11.2	95	0.00
31		ETBE	50.000	45.593	8.8	99	0.00
32		2,2-Dichloropropane	50.000	48.444	3.1	109	0.00
33	P	cis-1,2-Dichloroethene	50.000	43.698	12.6	102	0.00
34	P	2-Butanone	50.000	39.428	21.1#	84	0.00
35		Propionitrile	250.000	204.241	18.3	90	0.00
36		Bromochloromethane	50.000	43.968	12.1	105	0.00
37		Methacrylonitrile	50.000	41.761	16.5	95	0.00
38		Tetrahydrofuran	50.000	39.364	21.3#	91	0.00
39	P	Chloroform	50.000	43.380	13.2	103	0.00
40	P	1,1,1-Trichloroethane	50.000	46.970	6.1	107	0.00
41		TAME	50.000	46.498	7.0	101	0.00
42	i	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
43	P	Cyclohexane	50.000	47.256	5.5	104	0.00
44	s	surr4,Dibrflmethane	50.000	51.346	-2.7	108	0.00
45	P	Carbontetrachloride	50.000	46.282	7.4	106	0.00
46		1,1-Dichloropropene	50.000	43.211	13.6	103	0.00
47	s	surr1,1,2-dichloroethane-d4	50.000	50.508	-1.0	107	0.00
48	P	Benzene	50.000	43.798	12.4	103	0.00
49	P	1,2-Dichloroethane	50.000	43.566	12.9	105	0.00
50		Iso-Butyl Alcohol	1000.000	774.049	22.6#	84	0.00
51		n-Heptane	50.000	41.468	17.1	99	0.00

Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
52		1-Butanol	2500.000	2006.227	19.8	82	0.00
53	P	Trichloroethene	50.000	43.856	12.3	104	0.00
54	P	Methylcyclohexane	50.000	48.150	3.7	103	0.00
55	P	1,2-Diclpropane	50.000	43.751	12.5	102	0.00
56		Dibromomethane	50.000	45.922	8.2	102	0.00
57		1,4-Dioxane	1000.000	777.997	22.2#	88	0.00
58		Methyl Methacrylate	50.000	45.392	9.2	97	0.00
59	P	Bromodichloromethane	50.000	49.493	1.0	107	0.00
60		2-Nitropropane	100.000	93.130	6.9	102	0.00
61		2-Chloroethylvinyl Ether	50.000	37.146	25.7#	77	0.00
62	P	cis-1,3-Dichloropropene	50.000	49.176	1.6	105	0.00
63	P	4-Methyl-2-pentanone	50.000	40.453	19.1	85	0.00
64	s	SURR3,Toluene-d8	50.000	51.064	-2.1	110	0.00
65	P	Toluene	50.000	43.579	12.8	103	0.00
66	P	trans-1,3-Dichloropropene	50.000	50.626	-1.3	107	0.00
67		Ethyl Methacrylate	50.000	45.176	9.6	98	0.00
68	P	1,1,2-Trichloroethane	50.000	44.302	11.4	101	0.00
69	s	SURR2,BFB	50.000	50.763	-1.5	111	0.00
70	i	d5-Chlorobenzene	50.000	50.000	0.0	107	0.00
71	P	Tetrachloroethene	50.000	42.058	15.9	104	0.00
72	P	2-Hexanone	50.000	39.076	21.8#	84	0.00
73		1,3-Dichloropropane	50.000	43.203	13.6	100	0.00
74	P	Dibromochloromethane	50.000	48.406	3.2	105	0.00
75		N-Butyl Acetate	50.000	46.397	7.2	95	0.00
76	P	1,2-Dibromoethane	50.000	44.719	10.6	102	0.00
77		3-Chlorobenzotrifluoride	50.000	43.624	12.8	100	0.00
78	P	Chlorobenzene	50.000	41.851	16.3	101	0.00
79		4-Chlorobenzotrifluoride	50.000	44.890	10.2	100	0.00
80		1,1,1,2-Tetrachloroethane	50.000	48.166	3.7	104	0.00
81	P	Ethylbenzene	50.000	42.005	16.0	100	0.00
82	P	(m+p)Xylene	100.000	86.248	13.8	101	0.00
83	P	o-Xylene	50.000	43.266	13.5	101	0.00
84	P	Styrene	50.000	45.411	9.2	102	0.00
85	P	Bromoform	50.000	49.256	1.5	105	0.00
86		2-Chlorobenzotrifluoride	50.000	45.239	9.5	101	0.00
87	P	Isopropylbenzene	50.000	42.689	14.6	101	0.00
88		Cyclohexanone	1000.000	836.987	16.3	85	0.00
89		trans-1,4-Dichloro-2-Butene	50.000	44.910	10.2	97	0.00
90	i	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
91	P	1,1,2,2-Tetrachloroethane	50.000	42.146	15.7	97	0.00
92		Bromobenzene	50.000	42.767	14.5	102	0.00
93		1,2,3-Trichloropropane	50.000	39.534	20.9#	96	0.00
94		n-Propylbenzene	50.000	41.889	16.2	100	0.00
95		2-Chlorotoluene	50.000	42.173	15.7	101	0.00
96		3-Chlorotoluene	50.000	43.690	12.6	99	0.00
97		4-Chlorotoluene	50.000	42.737	14.5	102	0.00
98		1,3,5-Trimethylbenzene	50.000	42.777	14.4	101	0.00
99		tert-Butylbenzene	50.000	41.533	16.9	100	0.00
100		1,2,4-Trimethylbenzene	50.000	43.027	13.9	100	0.00
101		3,4-Dichlorobenzotrifluorid	50.000	46.059	7.9	103	0.00

Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
102		sec-Butylbenzene	50.000	41.455	17.1	99	0.00
103		p-Isopropyltoluene	50.000	42.383	15.2	100	0.00
104	P	1,3-Dclbenz	50.000	42.337	15.3	102	0.00
105	P	1,4-Dclbenz	50.000	41.768	16.5	102	0.00
106		2,4-Dichlorobenzotrifluorid	50.000	45.041	9.9	102	0.00
107		2,5-Dichlorobenzotrifluorid	50.000	46.028	7.9	103	0.00
108		n-Butylbenzene	50.000	43.569	12.9	100	0.00
109	P	1,2-Dclbenz	50.000	42.280	15.4	100	0.00
110	P	1,2-Dibromo-3-chloropropane	50.000	44.722	10.6	94	0.00
111		Trielution Dichlorotoluene	150.000	141.316	5.8	99	0.00
112		1,3,5-Trichlorobenzene	50.000	47.497	5.0	102	0.00
113		Coelution Dichlorotoluene	100.000	97.855	2.1	100	0.00
114	P	1,2,4-Tcbenzene	50.000	44.103	11.8	100	0.00
115		Hexachlorobt	50.000	40.897	18.2	99	0.00
116		Naphthalen	50.000	42.030	15.9	94	0.00
117		1,2,3-Tclbenzene	50.000	43.929	12.1	99	0.00
118		2,4,5-Trichlorotoluene	50.000	49.556	0.9	100	0.00
119		2,3,6-Trichlorotoluene	50.000	52.514	-5.0	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	348971	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	582963	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	508476	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	254859	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	199444	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.70%			
47) surr1,1,2-dichloroetha...	5.421	65	277007	50.51	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.02%			
64) SURR3,Toluene-d8	8.049	98	696147	51.06	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.12%			
69) SURR2,BFB	10.658	95	264031	50.76	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.52%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	177210	45.819	ug/L	98
3) Dichlorodifluoromethane	1.075	85	170483	45.796	ug/L	99
4) Chloromethane	1.209	50	248823	43.304	ug/L	100
5) Vinyl Chloride	1.264	62	197397	44.660	ug/L	98
6) Bromomethane	1.465	94	116456	48.343	ug/L	100
7) Chloroethane	1.538	64	121945	42.942	ug/L	100
8) Freon 21	1.678	67	283941	47.499	ug/L	100
9) Trichlorofluoromethane	1.721	101	259383	44.395	ug/L	99
10) Diethyl Ether	1.934	59	178498	42.744	ug/L	99
11) Freon 123a	1.940	67	166149	46.178	ug/L	99
12) Freon 123	1.989	83	210679	47.627	ug/L	98
13) Acrolein	2.032	56	254753	204.679	ug/L	98
14) 1,1-Diclethene	2.105	96	137238	44.315	ug/L	97
15) Freon 113	2.111	101	142663	43.565	ug/L	96
16) Acetone	2.154	43	121054	40.234	ug/L	99
17) 2-Propanol	2.282	45	378249	816.063	ug/L	100
18) Iodomethane	2.227	142	130596	32.263	ug/L	99
19) Carbon Disulfide	2.282	76	348236	46.558	ug/L	100
20) Acetonitrile/Allyl Chl...	2.410	41	462931	265.375	ug/L	97
21) Methyl Acetate	2.434	43	202314	42.750	ug/L	99
22) Methylene Chloride	2.519	84	147370	42.313	ug/L	99
23) TBA	2.654	59	524581	814.367	ug/L	97
24) Acrylonitrile	2.763	53	536411	204.247	ug/L	98
25) Methyl-t-Butyl Ether	2.800	73	475276	44.850	ug/L	98
26) trans-1,2-Dichloroethene	2.788	96	148338	44.548	ug/L	96
27) 1,1-Diclethane	3.245	63	321493	45.277	ug/L	99
28) Vinyl Acetate	3.336	86	32363	44.425	ug/L	98
29) DIPE	3.361	45	694963	44.716	ug/L	98
30) 2-Chloro-1,3-Butadiene	3.355	53	378018	44.377	ug/L	96
31) ETBE	3.848	59	626467	45.593	ug/L	99
32) 2,2-Dichloropropane	4.013	77	210329	48.444	ug/L	96
33) cis-1,2-Dichloroethene	4.019	96	160550	43.698	ug/L	98
34) 2-Butanone	4.080	43	137362	39.428	ug/L	99
35) Propionitrile	4.159	54	216946	204.241	ug/L	100
36) Bromochloromethane	4.385	130	111033	43.968	ug/L	98
37) Methacrylonitrile	4.403	67	79806	41.761	ug/L	99
38) Tetrahydrofuran	4.476	42	83050	39.364	ug/L	98
39) Chloroform	4.556	83	278302	43.380	ug/L	98
40) 1,1,1-Trichloroethane	4.830	97	249683	46.970	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.763	73	415805	46.498	ug/L	99
43) Cyclohexane	4.915	41	202355	47.256	ug/L	99
45) Carbontetrachloride	5.135	117	212854	46.282	ug/L	99
46) 1,1-Dichloropropene	5.147	75	196592	43.211	ug/L	99
48) Benzene	5.501	78	567455	43.798	ug/L	99
49) 1,2-Dichloroethane	5.549	62	294879	43.566	ug/L	98
50) Iso-Butyl Alcohol	5.568	43	230752	774.049	ug/L	98
51) n-Heptane	6.025	43	282110	41.468	ug/L	99
52) 1-Butanol	6.586	56	355146	2006.227	ug/L	98
53) Trichloroethene	6.507	130	166943	43.856	ug/L	98
54) Methylcyclohexane	6.744	55	309739	48.150	ug/L	99
55) 1,2-Diclpropane	6.805	63	180313	43.751	ug/L	100
56) Dibromomethane	6.952	93	105005	45.922	ug/L	98
57) 1,4-Dioxane	7.031	88	49463	777.997	ug/L	96
58) Methyl Methacrylate	7.055	69	123146	45.392	ug/L	98
59) Bromodichloromethane	7.195	83	209019	49.493	ug/L	99
60) 2-Nitropropane	7.500	41	76308	93.130	ug/L	100
61) 2-Chloroethylvinyl Ether	7.622	63	19721	37.146	ug/L	96
62) cis-1,3-Dichloropropene	7.750	75	235595	49.176	ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	249151	40.453	ug/L	100
65) Toluene	8.122	91	619156	43.579	ug/L	100
66) trans-1,3-Dichloropropene	8.409	75	219700	50.626	ug/L	99
67) Ethyl Methacrylate	8.561	69	221848	45.176	ug/L	99
68) 1,1,2-Trichloroethane	8.598	97	148201	44.302	ug/L	99
71) Tetrachloroethene	8.726	164	118291	42.058	ug/L	96
72) 2-Hexanone	8.909	43	185549	39.076	ug/L	99
73) 1,3-Dichloropropane	8.768	76	249742	43.203	ug/L	99
74) Dibromochloromethane	9.000	129	170573	48.406	ug/L	100
75) N-Butyl Acetate	9.067	43	408952	46.397	ug/L	97
76) 1,2-Dibromoethane	9.091	107	160788	44.719	ug/L	98
77) 3-Chlorobenzotrifluoride	9.628	180	205148	43.624	ug/L	97
78) Chlorobenzene	9.597	112	417847	41.851	ug/L	99
79) 4-Chlorobenzotrifluoride	9.683	180	185138	44.890	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.689	131	162454	48.166	ug/L	100
81) Ethylbenzene	9.725	106	215113	42.005	ug/L	99
82) (m+p)Xylene	9.835	106	535102	86.248	ug/L	98
83) o-Xylene	10.195	106	266179	43.266	ug/L	99
84) Styrene	10.213	104	465761	45.411	ug/L	98
85) Bromoform	10.366	173	94749	49.256	ug/L	100
86) 2-Chlorobenzotrifluoride	10.451	180	195779	45.239	ug/L	99
87) Isopropylbenzene	10.536	105	638276	42.689	ug/L	99
88) Cyclohexanone	10.603	55	1090011	836.987	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.853	53	86756	44.910	ug/L	95
91) 1,1,2,2-Tetrachloroethane	10.805	83	209277	42.146	ug/L	99
92) Bromobenzene	10.780	156	173321	42.767	ug/L	99
93) 1,2,3-Trichloropropane	10.835	110	70821	39.534	ug/L	97
94) n-Propylbenzene	10.896	91	794138	41.889	ug/L	99
95) 2-Chlorotoluene	10.957	91	478285	42.173	ug/L	98
96) 3-Chlorotoluene	11.006	91	509935	43.690	ug/L	100
97) 4-Chlorotoluene	11.048	91	566363	42.737	ug/L	99
98) 1,3,5-Trimethylbenzene	11.048	105	586739	42.777	ug/L	99
99) tert-Butylbenzene	11.323	119	500150	41.533	ug/L	100
100) 1,2,4-Trimethylbenzene	11.359	105	583892	43.027	ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.426	214	139558	46.059	ug/L	98
102) sec-Butylbenzene	11.506	105	706762	41.455	ug/L	99
103) p-Isopropyltoluene	11.628	119	621264	42.383	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

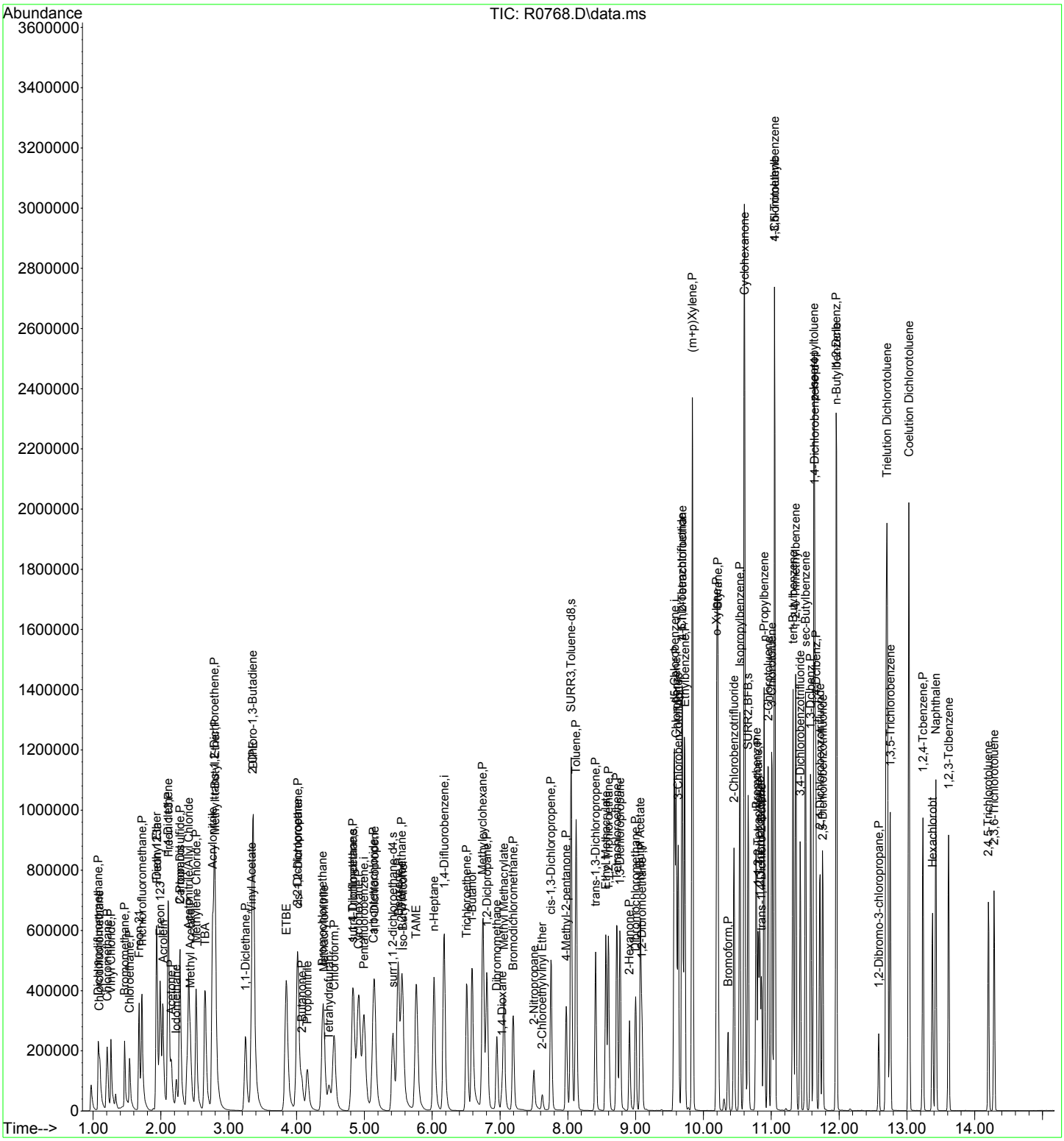
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	326887	42.337	ug/L	100
105) 1,4-Dclbenz	11.658	146	330861	41.768	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.719	214	122674	45.041	ug/L	99
107) 2,5-Dichlorobenzotrifl...	11.762	214	138826	46.028	ug/L	95
108) n-Butylbenzene	11.963	91	543912	43.569	ug/L	98
109) 1,2-Dclbenz	11.957	146	316633	42.280	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	43577	44.722	ug/L	97
111) Trielution Dichlorotol...	12.707	125	917475	141.316	ug/L	99
112) 1,3,5-Trichlorobenzene	12.755	180	216003	47.497	ug/L	99
113) Coelution Dichlorotoluene	13.030	125	648340	97.855	ug/L	100
114) 1,2,4-Tcbenzene	13.237	180	194929	44.103	ug/L	98
115) Hexachlorobt	13.377	225	76426	40.897	ug/L	98
116) Naphthalen	13.426	128	618857	42.030	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	182289	43.929	ug/L	98
118) 2,4,5-Trichlorotoluene	14.200	159	134625	49.556	ug/L	99
119) 2,3,6-Trichlorotoluene	14.286	159	128792	52.514	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	340240	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	564457	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	485062	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	241866	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	187226	49.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 99.56%			
47) surr1,1,2-dichloroetha...	5.421	65	261440	49.23	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 98.46%			
64) SURR3,Toluene-d8	8.049	98	656712	49.75	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 99.50%			
69) SURR2,BFB	10.658	95	260956	51.82	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 103.64%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	301742	80.020	ug/L	97
3) Dichlorodifluoromethane	1.075	85	250513	69.021	ug/L	99
4) Chloromethane	1.209	50	314268	56.098	ug/L	97
5) Vinyl Chloride	1.264	62	250901	58.222	ug/L	100
6) Bromomethane	1.465	94	124871	53.166	ug/L	99
7) Chloroethane	1.538	64	141501	51.107	ug/L	99
8) Freon 21	1.678	67	270436	46.401	ug/L	100
9) Trichlorofluoromethane	1.721	101	311118	54.616	ug/L	99
10) Diethyl Ether	1.934	59	204090	50.126	ug/L	98
11) Freon 123a	1.940	67	171221	48.809	ug/L	99
12) Freon 123	1.989	83	255230m	59.180	ug/L	
13) Acrolein	2.032	56	108668	89.549	ug/L	99
14) 1,1-Diclethene	2.105	96	153334	50.783	ug/L	93
15) Freon 113	2.111	101	164229	51.438	ug/L	97
16) Acetone	2.154	43	120011	40.911	ug/L	100
17) 2-Propanol	2.282	45	425798	942.223	ug/L	100
18) Iodomethane	2.227	142	120648	30.862	ug/L	98
19) Carbon Disulfide	2.282	76	371050	50.881	ug/L	99
20) Acetonitrile/Allyl Chl...	2.410	41	559953	329.229	ug/L	96
21) Methyl Acetate	2.434	43	225392	48.849	ug/L	98
22) Methylene Chloride	2.520	84	169276	49.850	ug/L	95
23) TBA	2.654	59	650934	1036.450	ug/L	97
24) Acrylonitrile	2.763	53	623577	243.530	ug/L	99
25) Methyl-t-Butyl Ether	2.800	73	541044	52.367	ug/L	98
26) trans-1,2-Dichloroethene	2.788	96	171480	52.819	ug/L	98
27) 1,1-Diclethane	3.245	63	371240	53.625	ug/L	99
28) Vinyl Acetate	3.336	86	31704	44.620	ug/L	100
29) DIPE	3.361	45	710290	46.875	ug/L	99
30) 2-Chloro-1,3-Butadiene	3.361	53	397660	47.881	ug/L	98
31) ETBE	3.849	59	667995	49.862	ug/L	99
32) 2,2-Dichloropropane	4.013	77	234618	54.951	ug/L	99
33) cis-1,2-Dichloroethene	4.019	96	188466	52.612	ug/L	98
34) 2-Butanone	4.080	43	156675	46.126	ug/L	99
35) Propionitrile	4.160	54	257387	248.532	ug/L	97
36) Bromochloromethane	4.385	130	126963	51.567	ug/L	99
37) Methacrylonitrile	4.403	67	94716	50.835	ug/L	98
38) Tetrahydrofuran	4.483	42	96945	47.129	ug/L	98
39) Chloroform	4.556	83	316826	50.652	ug/L	98
40) 1,1,1-Trichloroethane	4.830	97	287213	55.417	ug/L	98

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.769	73	457089	52.426	ug/L	98
43) Cyclohexane	4.915	41	212707	51.302	ug/L	97
45) Carbontetrachloride	5.135	117	252869	56.785	ug/L	99
46) 1,1-Dichloropropene	5.153	75	224102	50.873	ug/L	99
48) Benzene	5.501	78	658994	52.531	ug/L	99
49) 1,2-Dichloroethane	5.550	62	330475	50.426	ug/L	99
50) Iso-Butyl Alcohol	5.568	43	289091	1001.538	ug/L	96
51) n-Heptane	6.031	43	341047	51.774	ug/L	99
52) 1-Butanol	6.592	56	424378	2439.066	ug/L	96
53) Trichloroethene	6.513	130	197598	53.611	ug/L	98
54) Methylcyclohexane	6.750	55	314593	50.508	ug/L	99
55) 1,2-Diclpropane	6.805	63	205397	51.472	ug/L	99
56) Dibromomethane	6.952	93	122473	55.318	ug/L	98
57) 1,4-Dioxane	7.031	88	60660	985.394	ug/L	95
58) Methyl Methacrylate	7.061	69	146845	55.902	ug/L	94
59) Bromodichloromethane	7.196	83	238747	58.386	ug/L	98
60) 2-Nitropropane	7.500	41	89594	109.143	ug/L	98
61) 2-Chloroethylvinyl Ether	7.622	63	47120	80.661	ug/L	95
62) cis-1,3-Dichloropropene	7.756	75	276611	58.827	ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	308046	51.655	ug/L	99
65) Toluene	8.122	91	725909	52.768	ug/L	99
66) trans-1,3-Dichloropropene	8.409	75	262463	61.237	ug/L	98
67) Ethyl Methacrylate	8.561	69	261831	54.626	ug/L	97
68) 1,1,2-Trichloroethane	8.598	97	171334	52.897	ug/L	100
71) Tetrachloroethene	8.726	164	141435	52.715	ug/L	99
72) 2-Hexanone	8.909	43	220932	48.774	ug/L	98
73) 1,3-Dichloropropane	8.768	76	287750	52.181	ug/L	99
74) Dibromochloromethane	9.000	129	195505	57.505	ug/L	99
75) N-Butyl Acetate	9.073	43	439512	52.271	ug/L	99
76) 1,2-Dibromoethane	9.092	107	186083	54.252	ug/L	98
77) 3-Chlorobenzotrifluoride	9.628	180	205965	45.912	ug/L	99
78) Chlorobenzene	9.598	112	496687	52.149	ug/L	99
79) 4-Chlorobenzotrifluoride	9.683	180	187052	47.543	ug/L	98
80) 1,1,1,2-Tetrachloroethane	9.689	131	183922	57.163	ug/L	99
81) Ethylbenzene	9.726	106	260225	53.267	ug/L	96
82) (m+p)Xylene	9.835	106	644228	108.849	ug/L	99
83) o-Xylene	10.195	106	312419	53.234	ug/L	99
84) Styrene	10.213	104	544958	55.698	ug/L	98
85) Bromoform	10.366	173	115908	61.485	ug/L	99
86) 2-Chlorobenzotrifluoride	10.451	180	201272	48.753	ug/L	99
87) Isopropylbenzene	10.536	105	810053	56.793	ug/L	98
88) Cyclohexanone	10.603	55	1319213	1061.881	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.853	53	89471	48.362	ug/L	95
91) 1,1,2,2-Tetrachloroethane	10.805	83	238398	50.590	ug/L	97
92) Bromobenzene	10.780	156	201649	52.430	ug/L	99
93) 1,2,3-Trichloropropane	10.829	110	83041	48.846	ug/L	96
94) n-Propylbenzene	10.896	91	937948	52.132	ug/L	100
95) 2-Chlorotoluene	10.951	91	573809	53.314	ug/L	99
96) 3-Chlorotoluene	11.006	91	536637	48.448	ug/L	100
97) 4-Chlorotoluene	11.049	91	662666	52.690	ug/L	99
98) 1,3,5-Trimethylbenzene	11.049	105	690885	53.076	ug/L	99
99) tert-Butylbenzene	11.323	119	620790	54.320	ug/L	99
100) 1,2,4-Trimethylbenzene	11.359	105	691484	53.693	ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.427	214	141008	49.037	ug/L	99
102) sec-Butylbenzene	11.506	105	873613	53.994	ug/L	100
103) p-Isopropyltoluene	11.628	119	768243	55.226	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

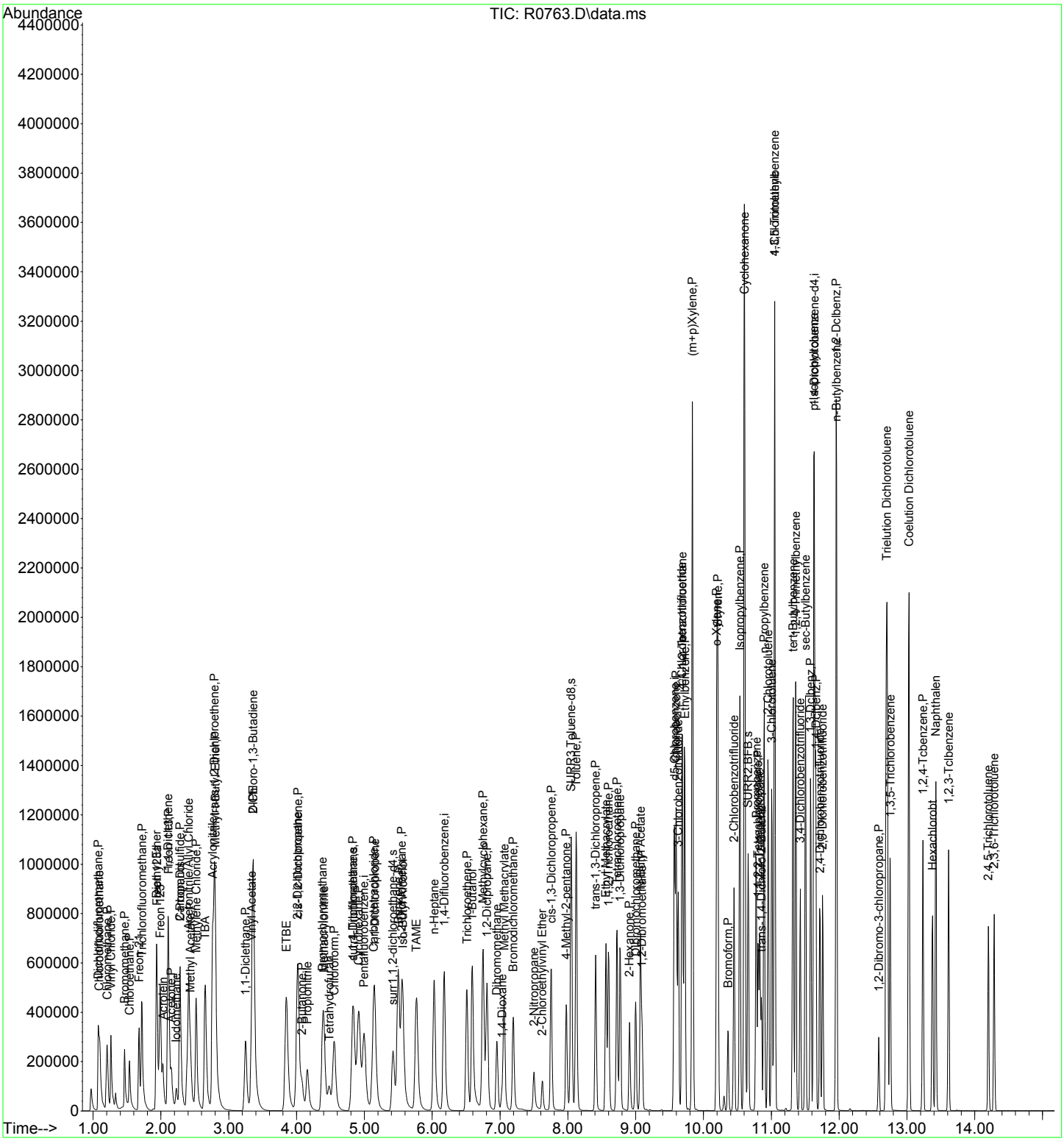
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	390530	53.297	ug/L	99
105) 1,4-Dclbenz	11.658	146	387637	51.564	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.719	214	126182	48.818	ug/L	98
107) 2,5-Dichlorobenzotrifl...	11.756	214	140246	48.997	ug/L	98
108) n-Butylbenzene	11.963	91	677726	57.205	ug/L	99
109) 1,2-Dclbenz	11.957	146	371834	52.318	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	52610	55.855	ug/L	96
111) Trielution Dichlorotol...	12.701	125	969244	157.309	ug/L	97
112) 1,3,5-Trichlorobenzene	12.756	180	225403	52.227	ug/L	98
113) Coelution Dichlorotoluene	13.030	125	681759	108.426	ug/L	100
114) 1,2,4-Tcbenzene	13.237	180	230154	54.823	ug/L	98
115) Hexachlorobt	13.377	225	95322	53.749	ug/L	96
116) Naphthalen	13.426	128	737577	52.634	ug/L	100
117) 1,2,3-Tclbenzene	13.615	180	216913	55.028	ug/L	97
118) 2,4,5-Trichlorotoluene	14.200	159	141082	54.626	ug/L	98
119) 2,3,6-Trichlorotoluene	14.286	159	137706	58.964	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

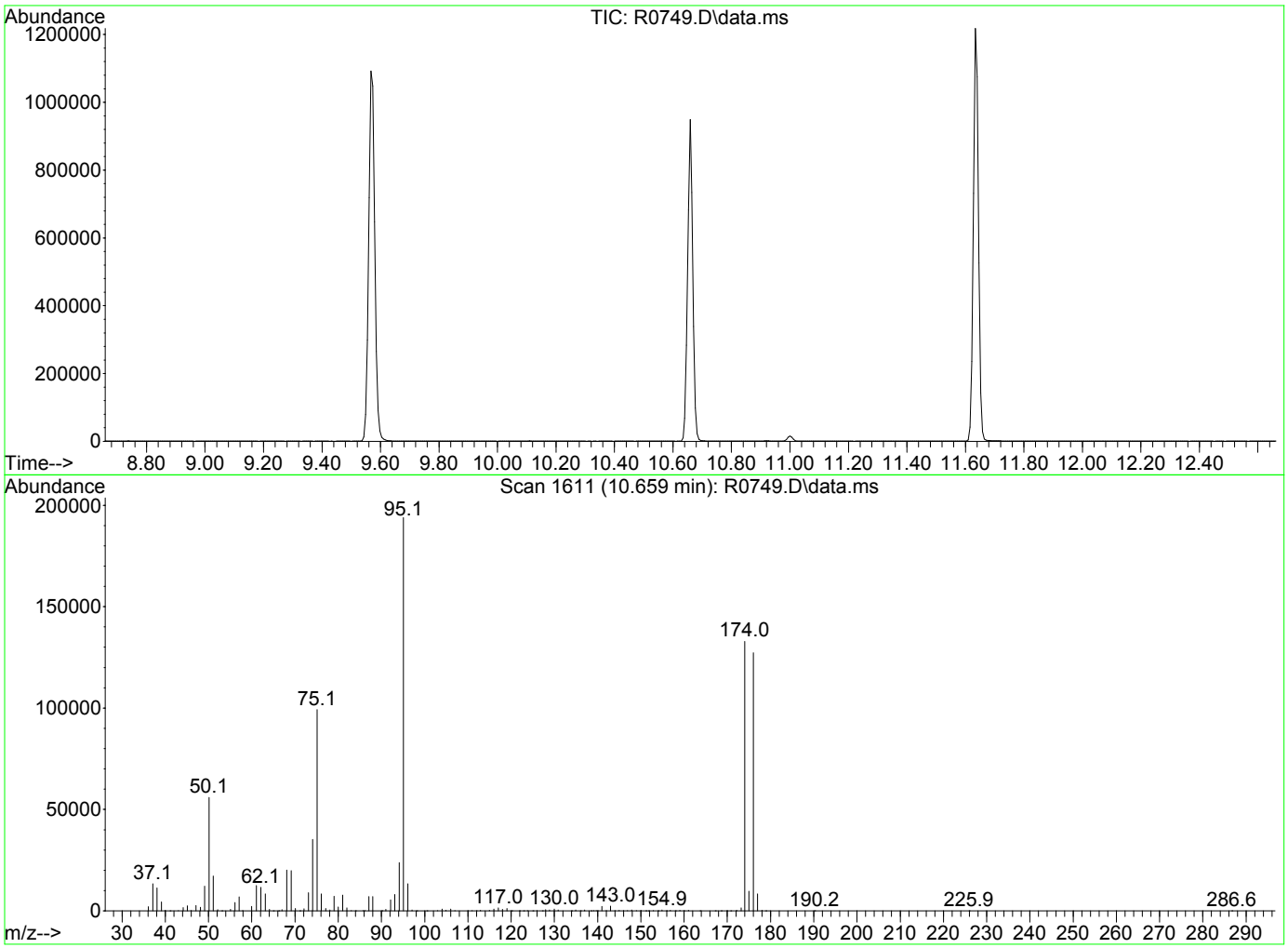


1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0749.D
Acq On : 12 Mar 2025 10:36 am
Operator : K.Ruest
Sample : TUNE
Misc :
ALS Vial : 3 Sample Multiplier: 1

Integration File: CPD4.P

Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Title : MS#17 - 8260 WATERS 5mL Purge
Last Update : Wed Jan 22 13:23:20 2025



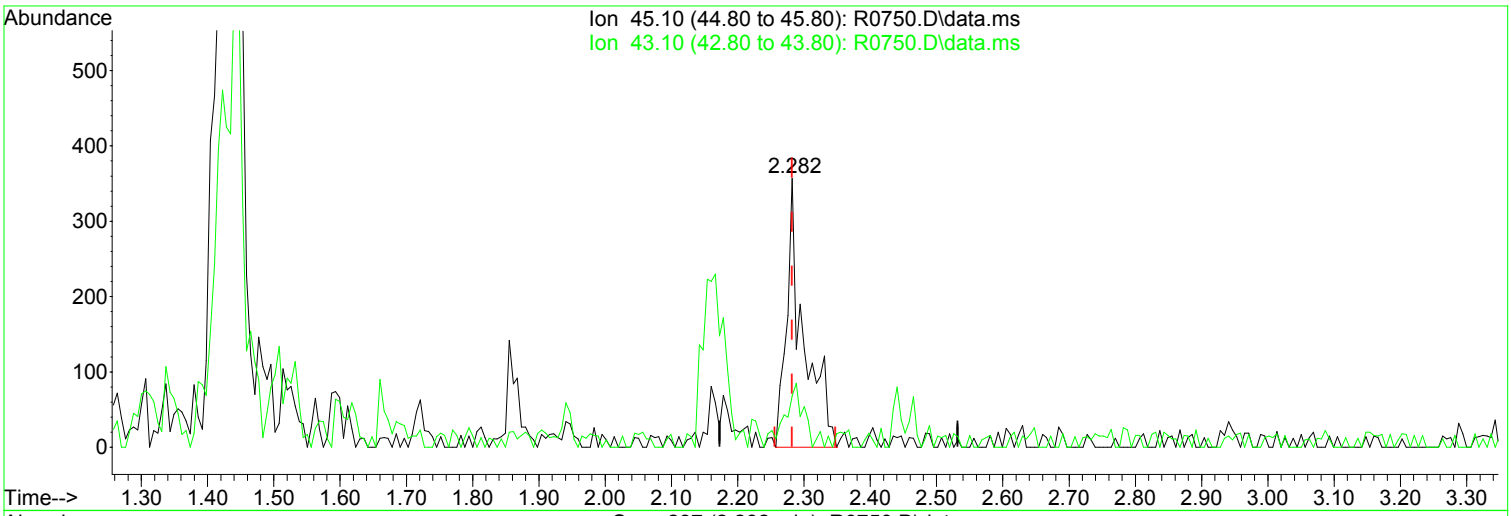
AutoFind: Scan 1611 (Apex of m/z 95.0)

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	28.9	55984	PASS
75	95	30	80	51.2	99256	PASS
95	95	100	100	100.0	193920	PASS
96	95	5	9	6.9	13386	PASS
173	174	0.00	2	1.1	1495	PASS
174	95	50	120	68.5	132864	PASS
175	174	5	9	7.3	9650	PASS
176	174	95	101	95.8	127264	PASS
177	176	5	9	6.6	8373	PASS

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0750.D
Acq On : 12 Mar 2025 11:13 am
Operator : K.Ruest
Sample : IBLK
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 15:19:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration



TIC: R0750.D\data.ms

(17) 2-Propanol

2.282min (-0.000) 1.50 ug/L m

response 638

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	19.05
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

Poor integration.

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0750.D
Acq On : 12 Mar 2025 11:13 am
Operator : K.Ruest
Sample : IBLK
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 15:19:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

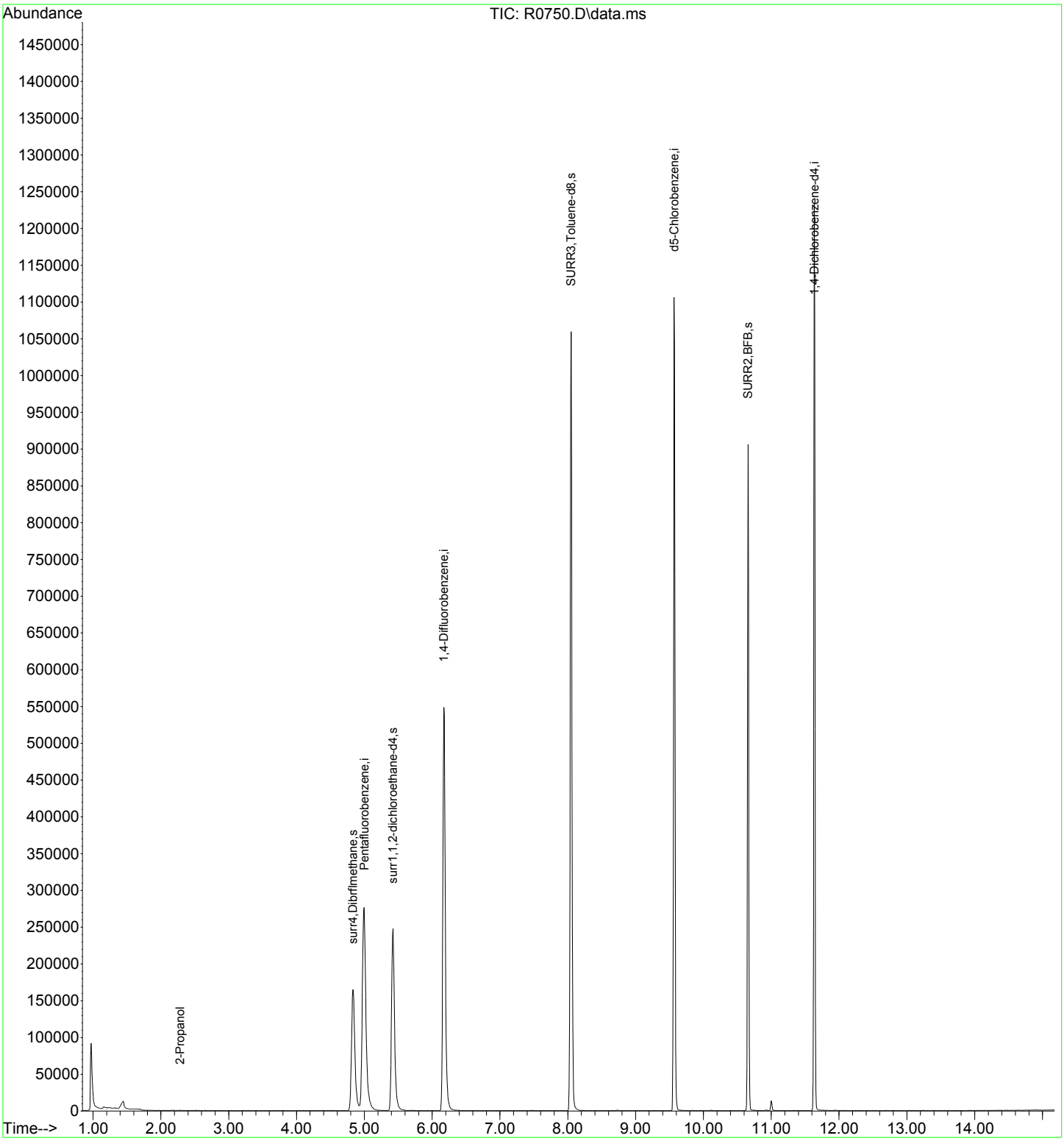
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	320315	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.172	114	539206	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.567	117	456334	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	218230	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	176603	49.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 98.32%			
47) surr1,1,2-dichloroetha...	5.422	65	265806	52.40	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 104.80%			
64) SURR3,Toluene-d8	8.049	98	623223	49.42	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 98.84%			
69) SURR2,BFB	10.659	95	223138	46.38	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 92.76%			
Target Compounds						Qvalue
17) 2-Propanol	2.282	45	638m	1.500	ug/L	

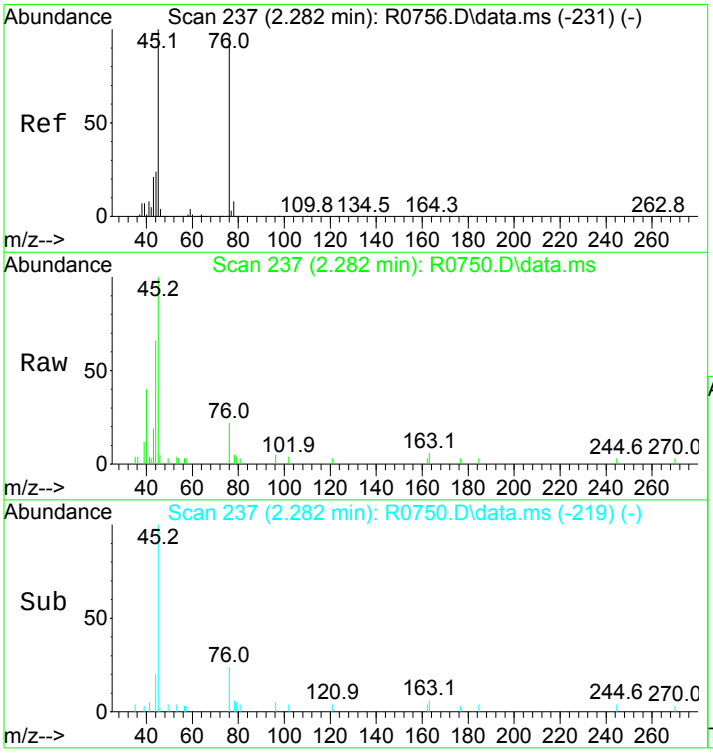
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0750.D
Acq On : 12 Mar 2025 11:13 am
Operator : K.Ruest
Sample : IBLK
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 15:19:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration

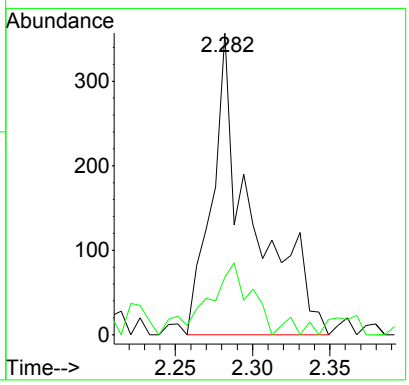




#17
2-Propanol
Concen: 1.50 ug/L m
RT: 2.282 min Scan# 237
Delta R.T. -0.000 min
Lab File: R0750.D
Acq: 12 Mar 2025 11:13 am

Tgt Ion: 45 Resp: 638

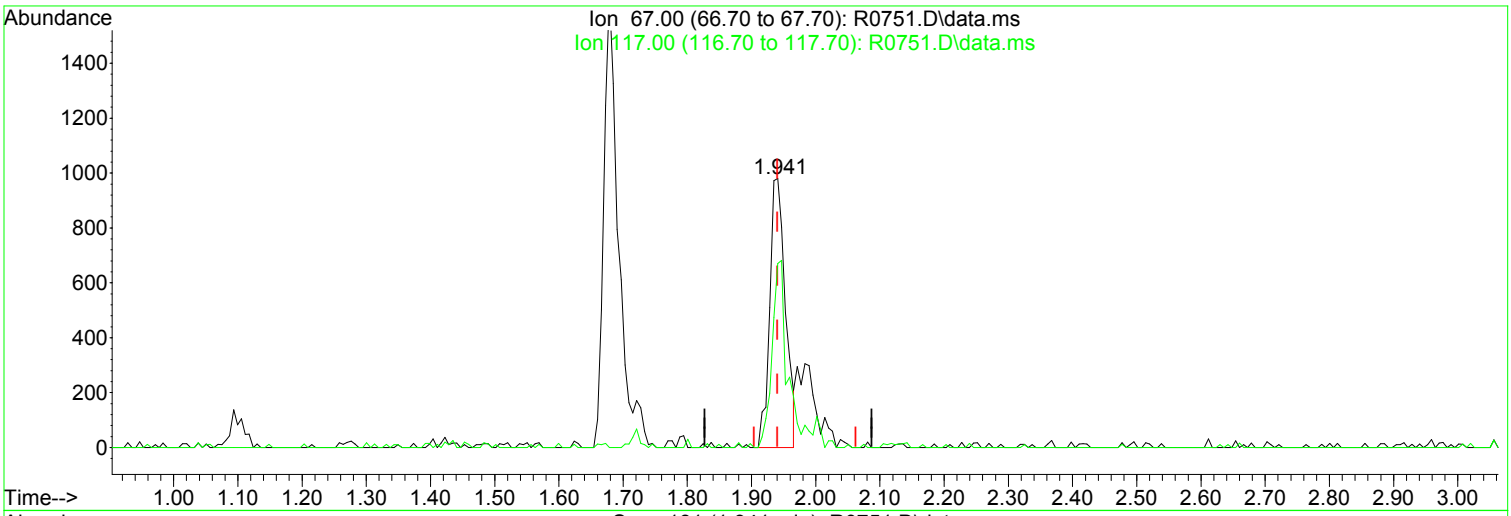
Ion	Ratio	Lower	Upper
45	100		
43	19.0	1.5	41.5

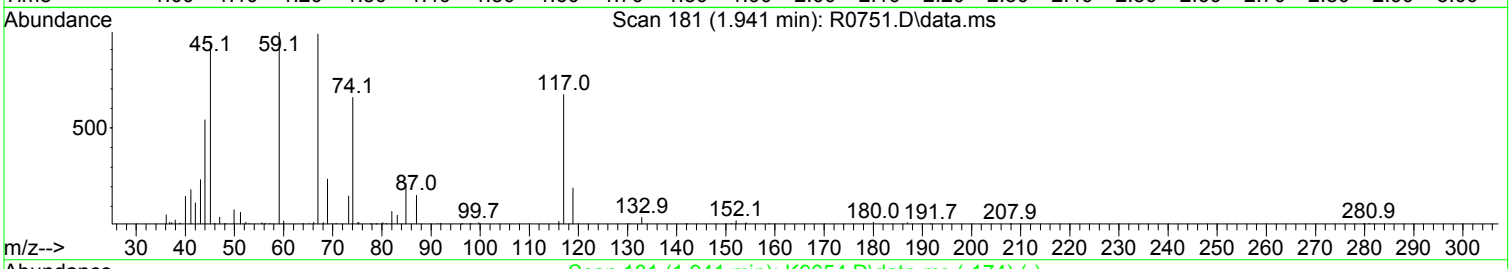


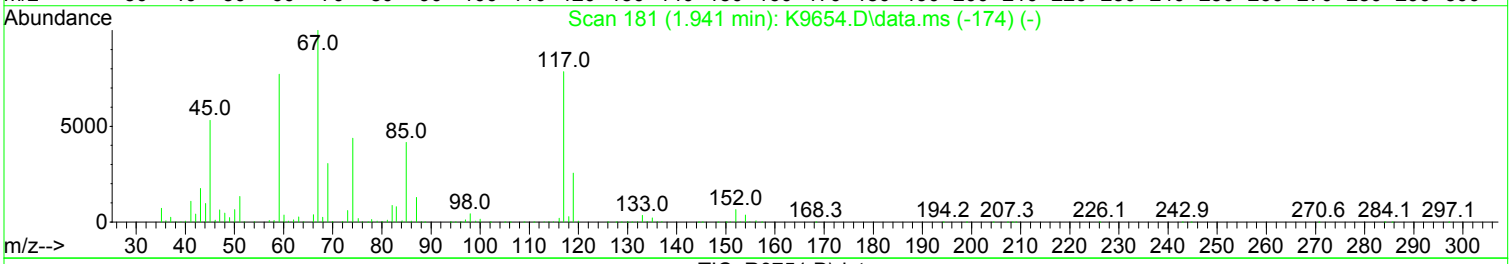
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(11) Freon 123a

1.941min (+ 0.000) 0.50 ug/L m

response 1670

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	68.37
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

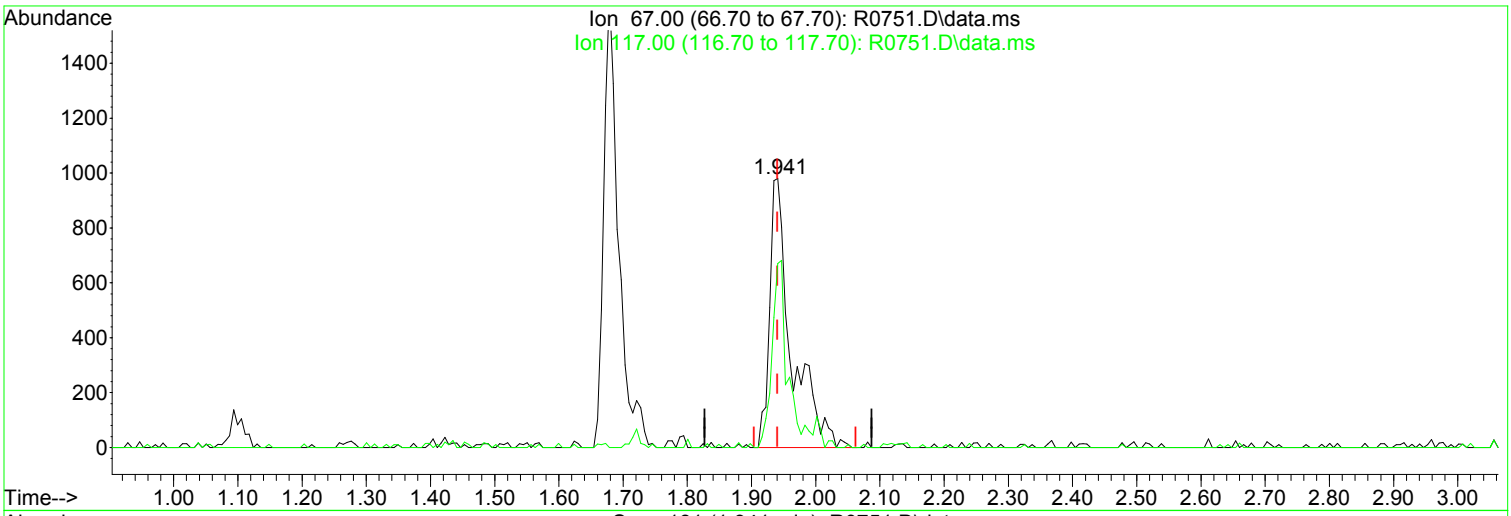
Poor integration.

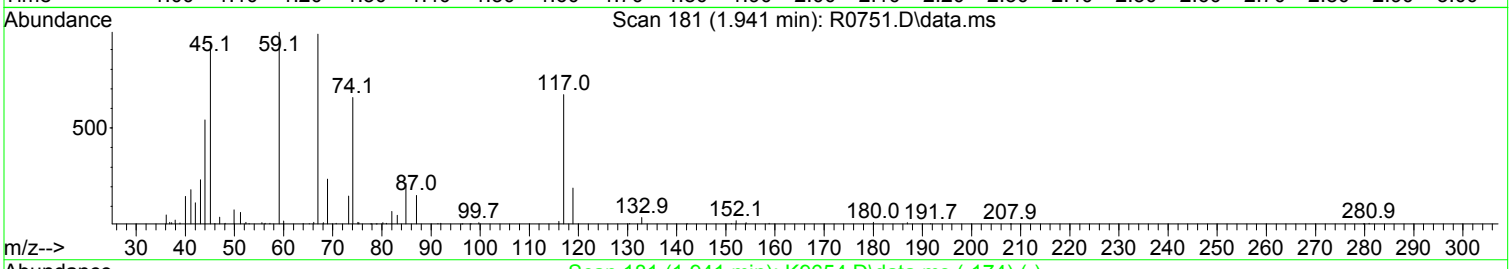
03/13/25

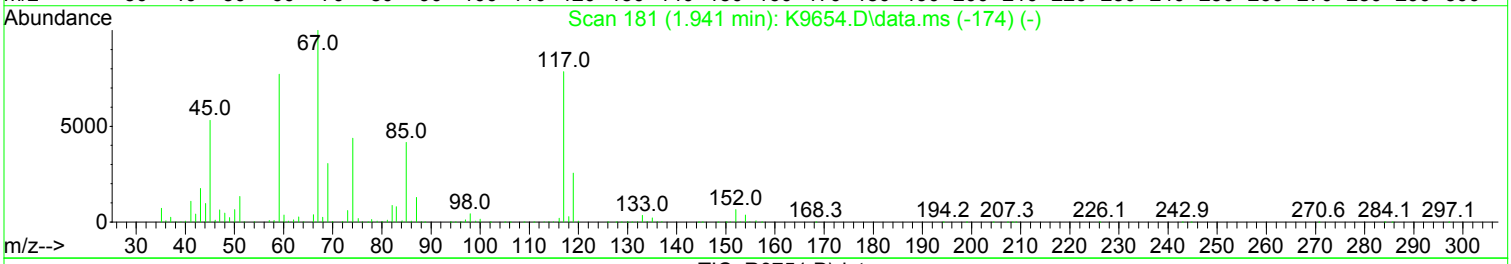
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(11) Freon 123a

1.941min (+ 0.000) 0.70 ug/L

response 2325

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	68.37
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

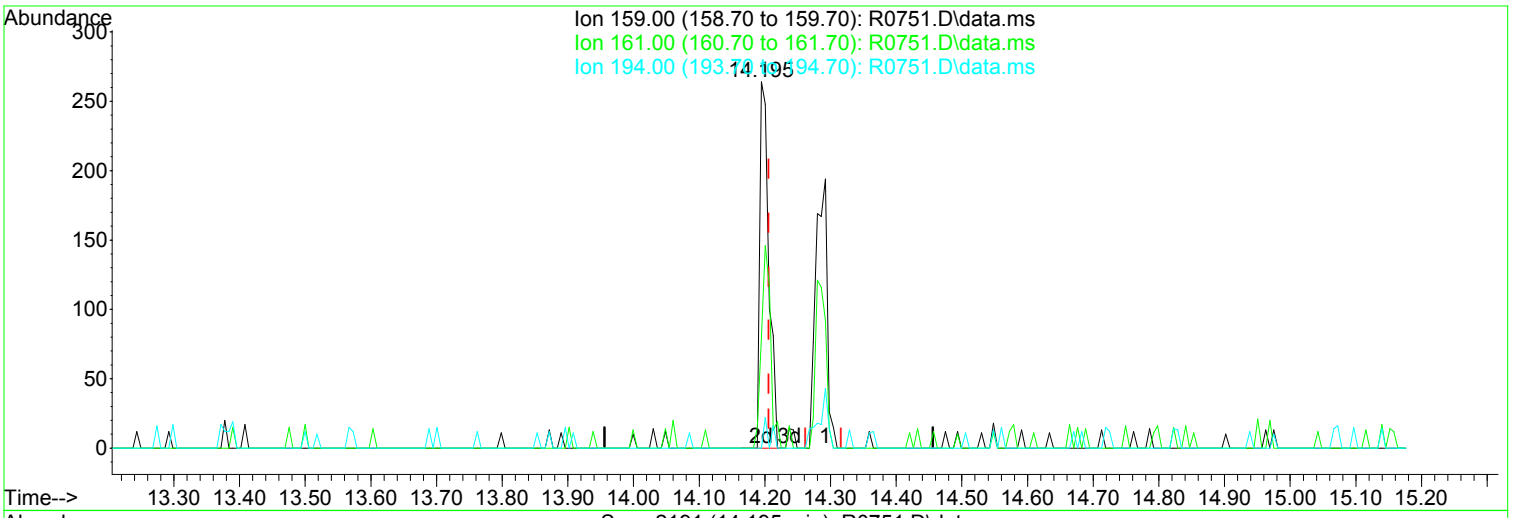
Before

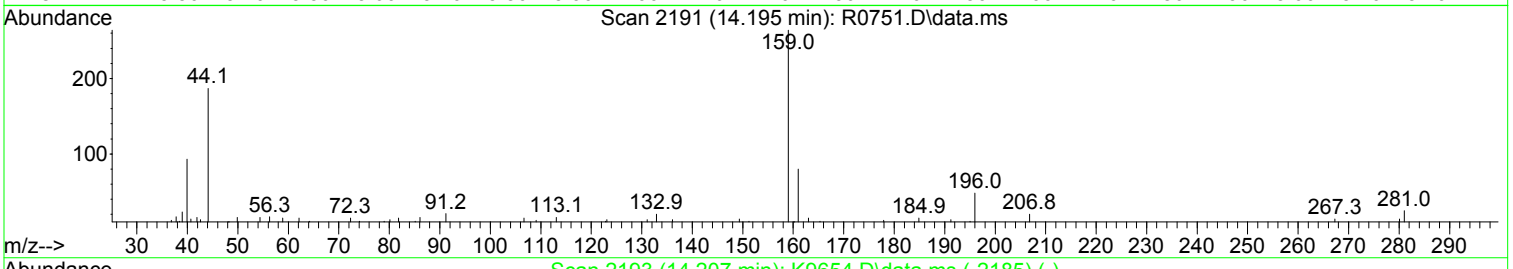
03/13/25

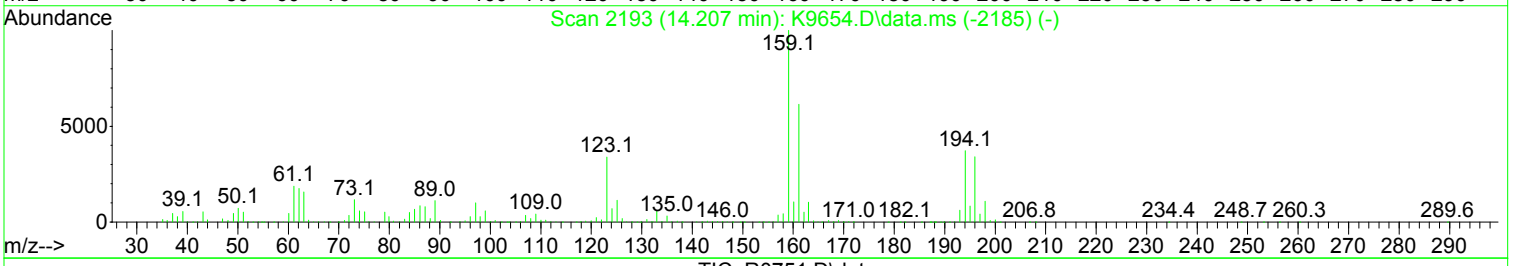
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.195min (-0.011) 0.14 ug/L m

response 253

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.40	30.30#
194.00	37.20	0.00#
0.00	0.00	0.00

Manual Integration:

After

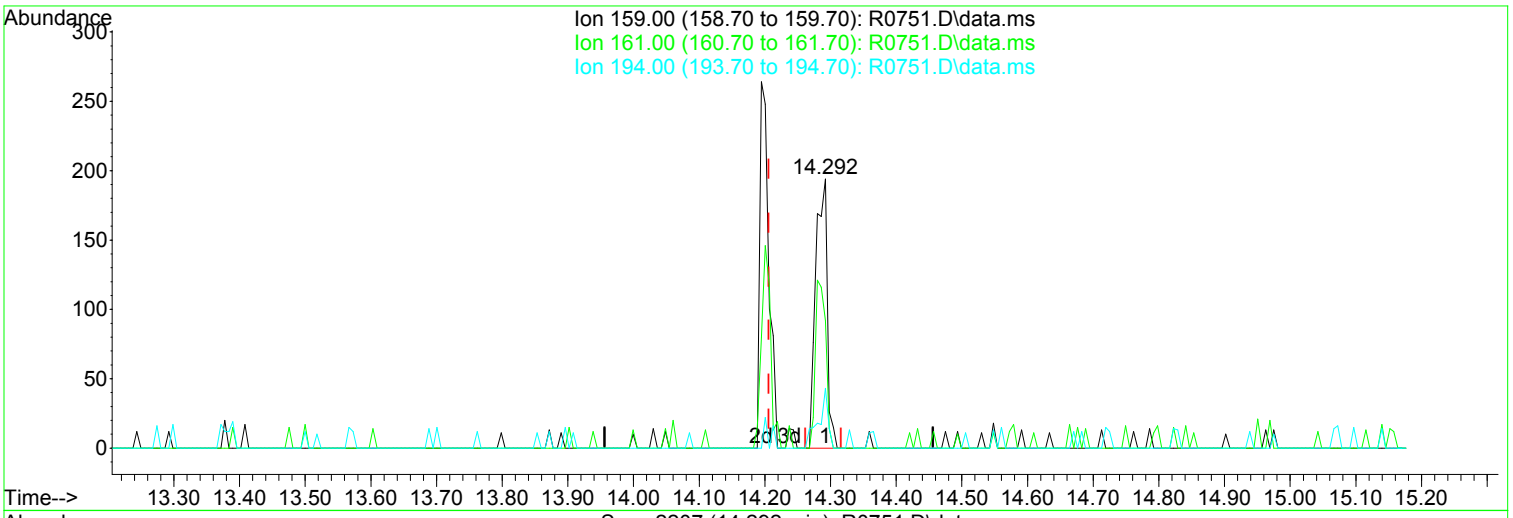
Wrong peak selected.

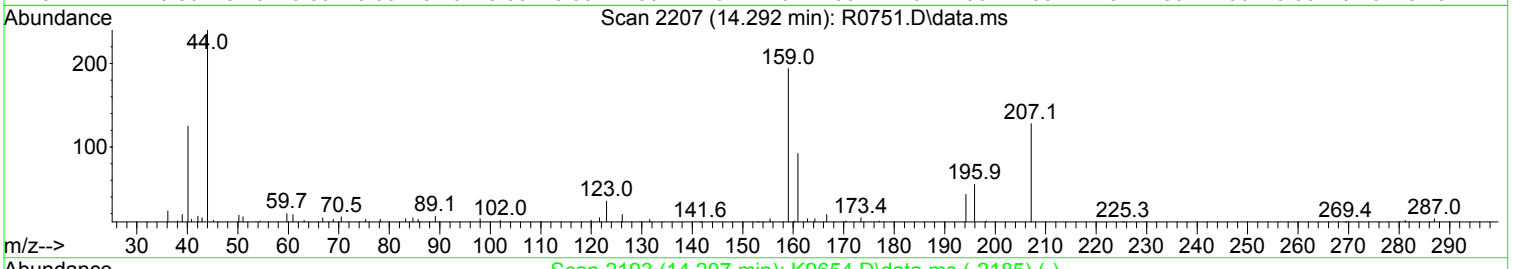
03/13/25

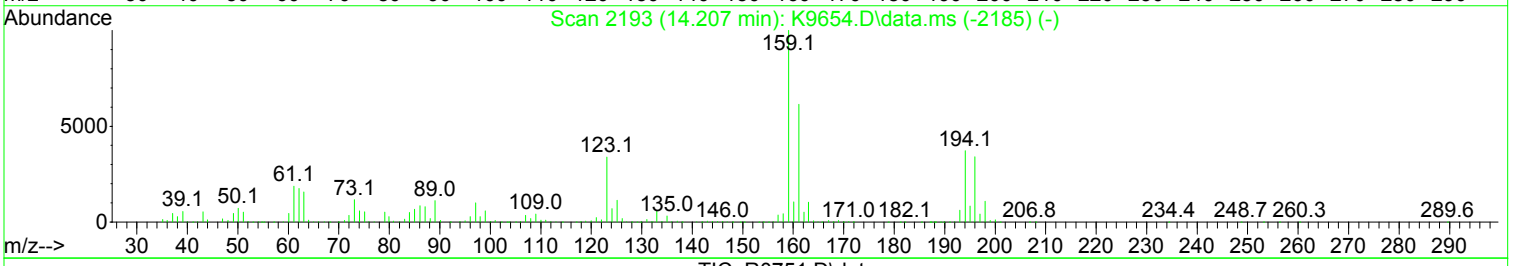
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.292min (+ 0.086) 0.13 ug/L

response 237

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.40	47.42
194.00	37.20	22.16
0.00	0.00	0.00

Manual Integration:

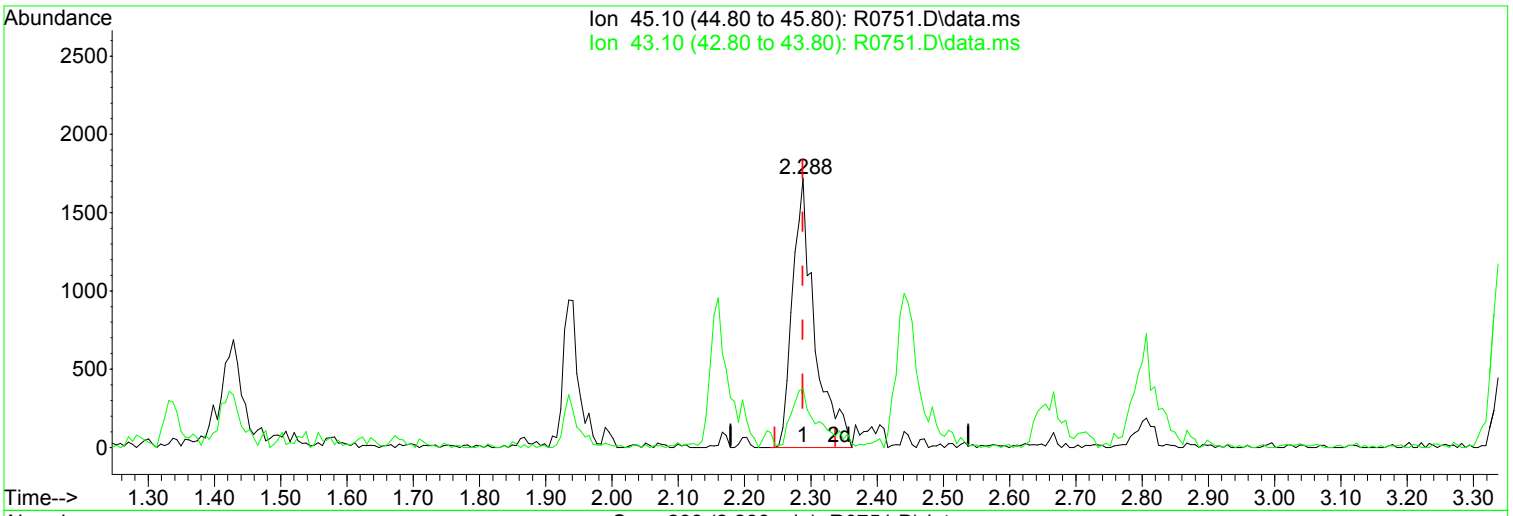
Before

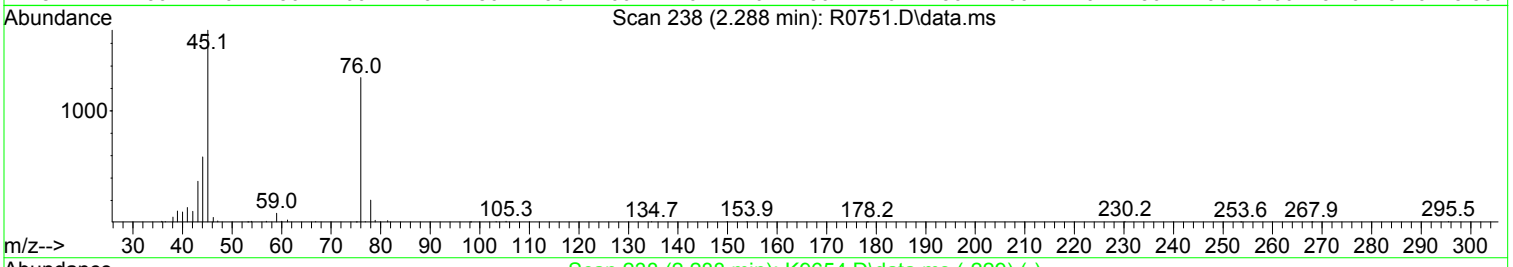
03/13/25

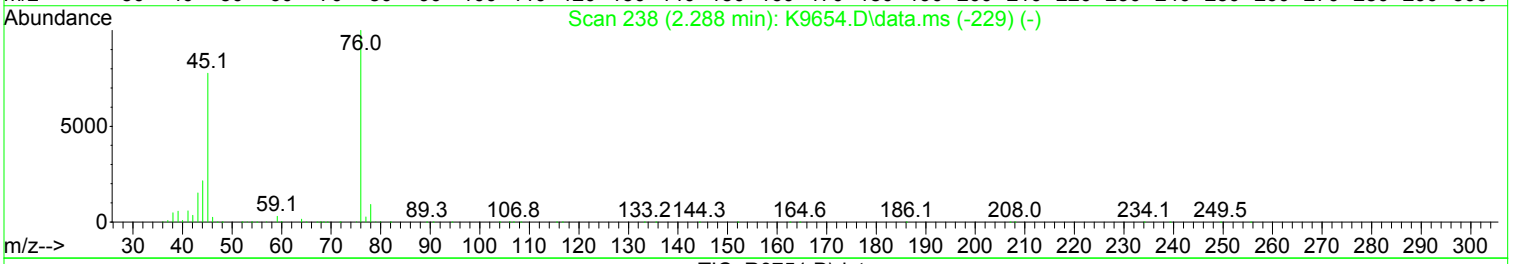
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(17) 2-Propanol

2.288min (+ 0.000) 9.45 ug/L m

response 3974

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	21.71
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

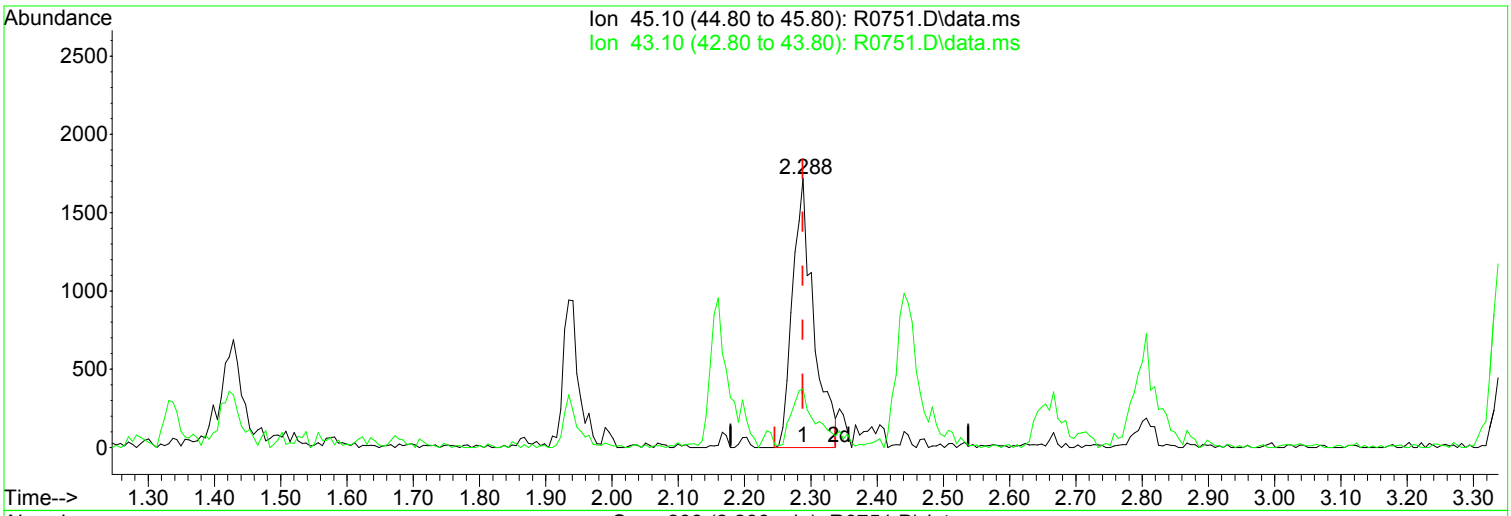
Poor integration.

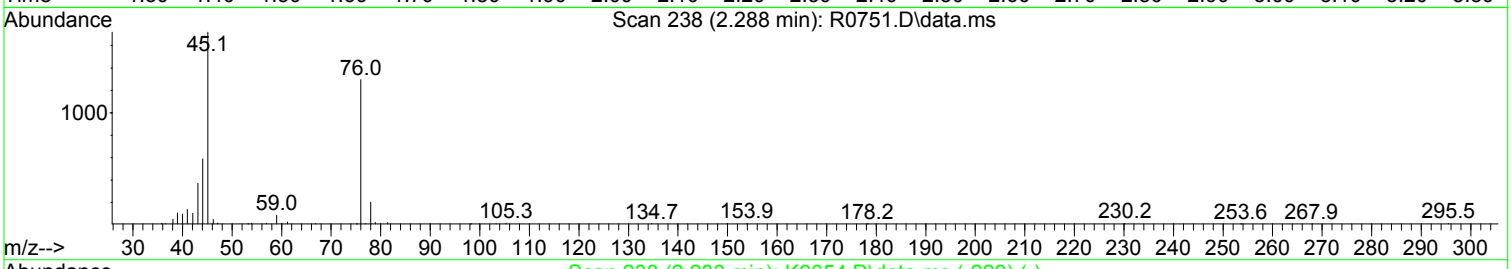
03/13/25

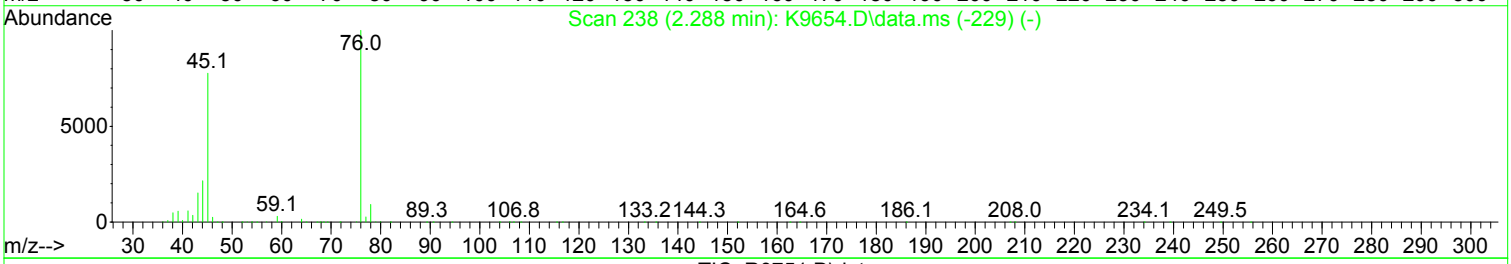
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(17) 2-Propanol

2.288min (+ 0.000) 8.97 ug/L

response 3769

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	21.71
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

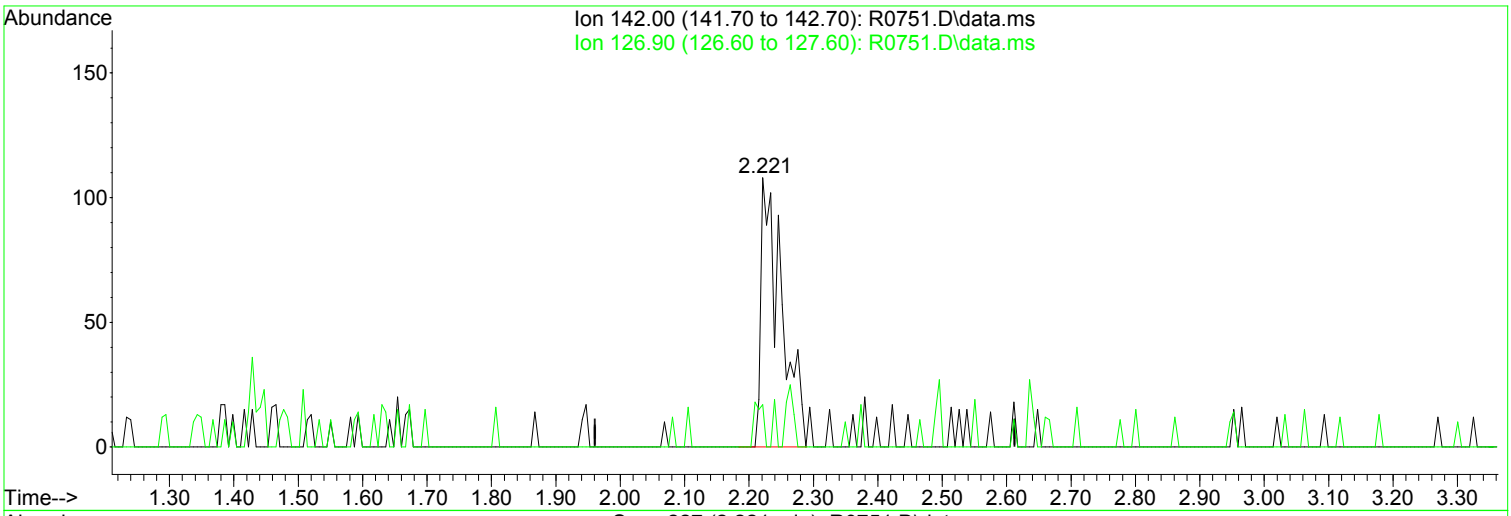
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(18) Iodomethane

2.221min (+ 0.000) 0.08 ug/L m

response 239

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	15.74#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

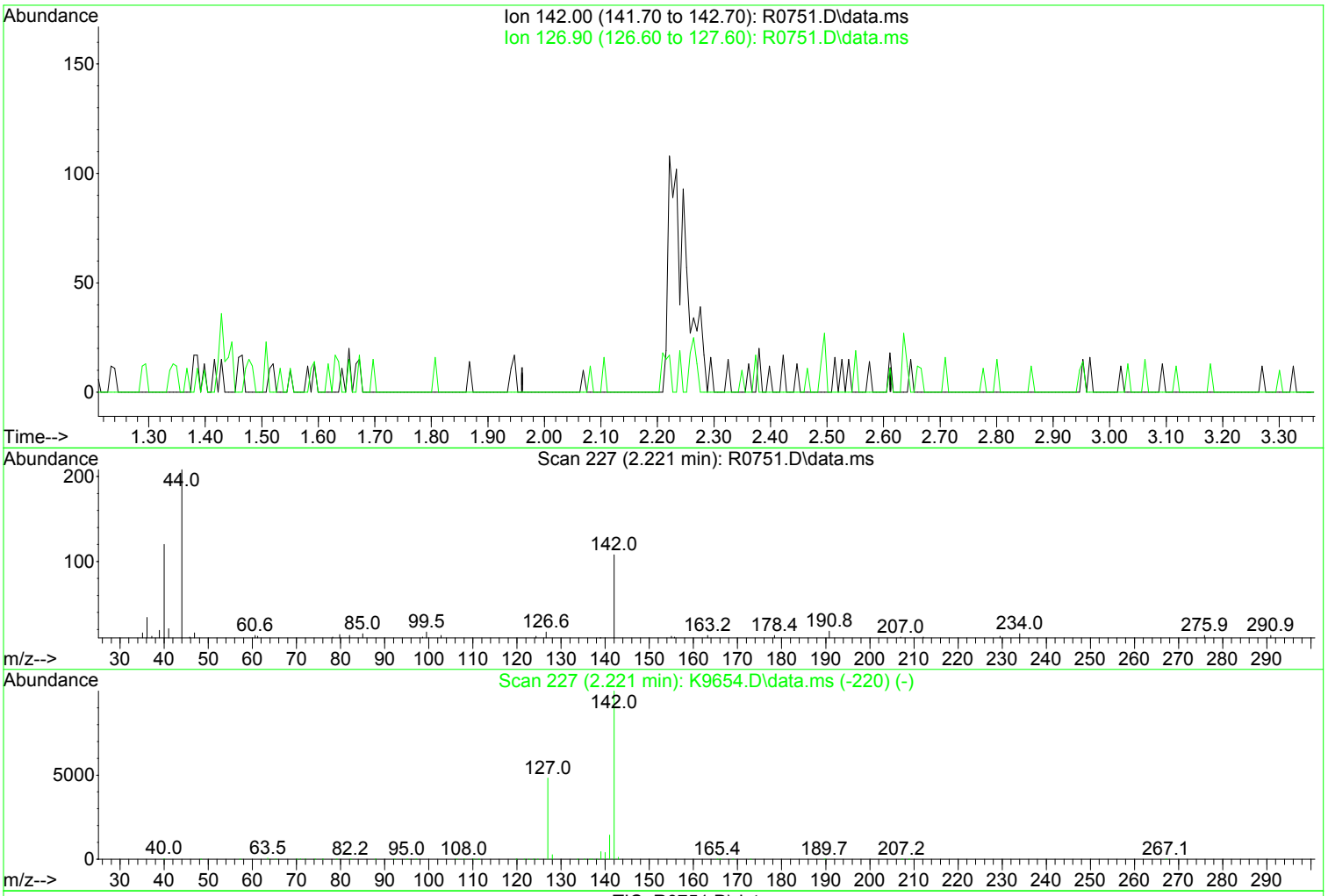
Peak not found.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(18) Iodomethane

2.221min (-2.221) 0.00 ug/L

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
126.90	48.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

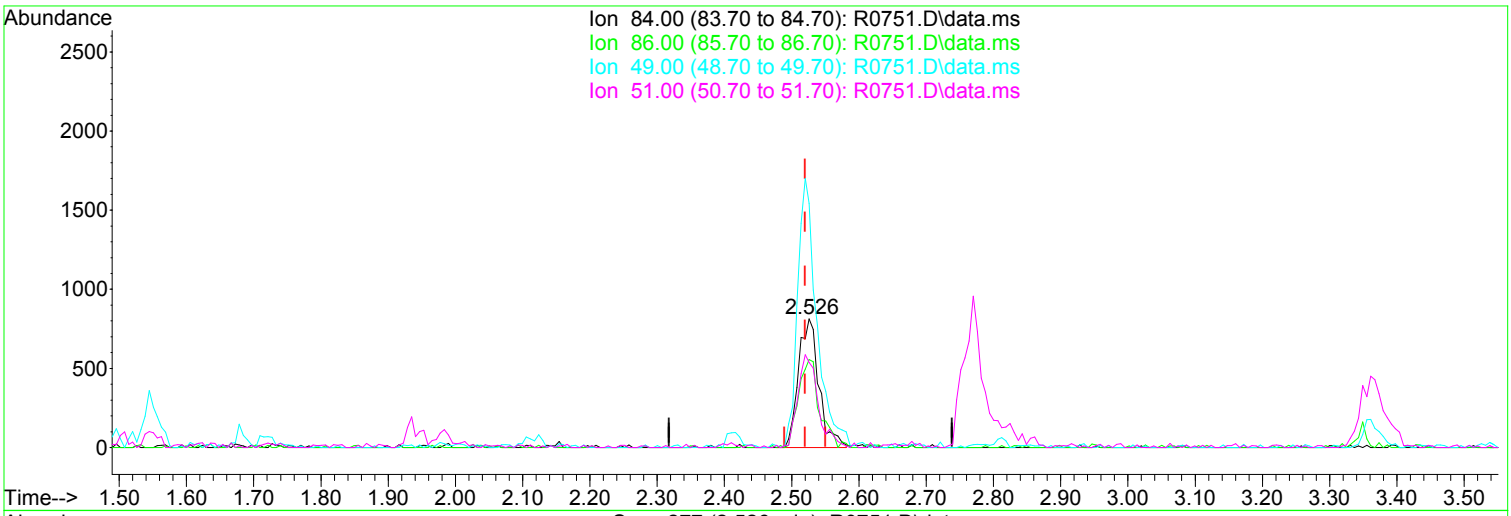
Before

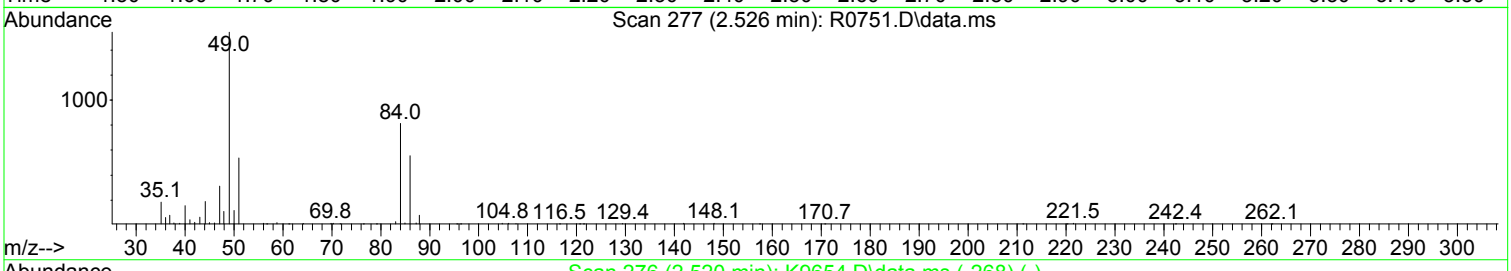
03/13/25

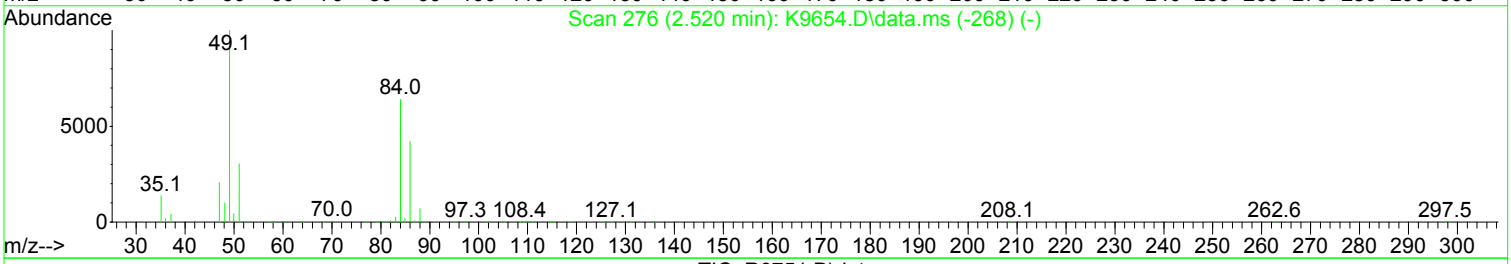
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(22) Methylene Chloride (P)

2.526min (+ 0.006) 0.54 ug/L m

response 1720

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	65.80	68.39
49.00	156.70	189.67#
51.00	47.80	66.17

Manual Integration:

After

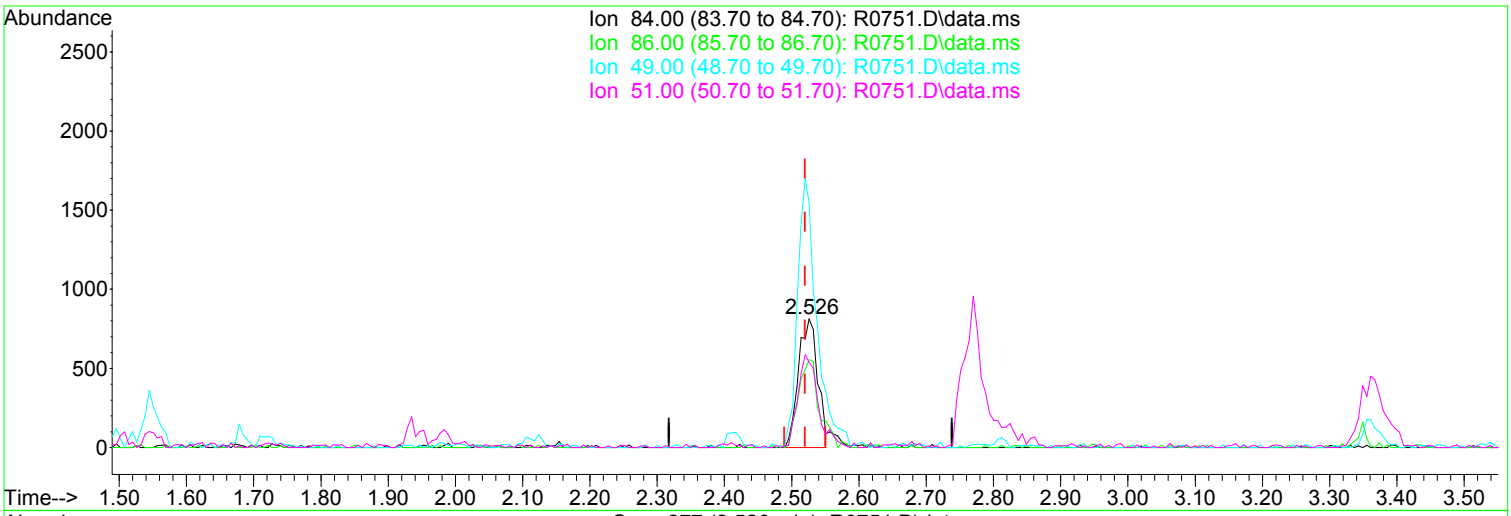
Poor integration.

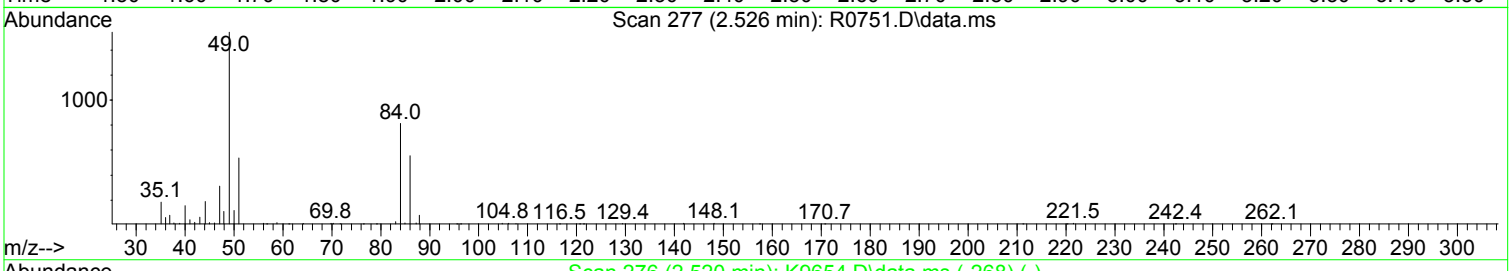
03/13/25

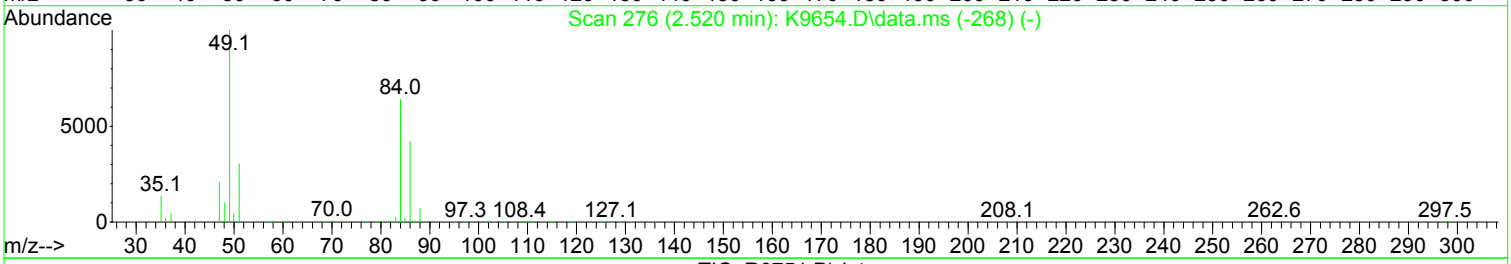
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(22) Methylene Chloride (P)

2.526min (+ 0.006) 0.50 ug/L

response 1608

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	65.80	68.39
49.00	156.70	189.67#
51.00	47.80	66.17

Manual Integration:

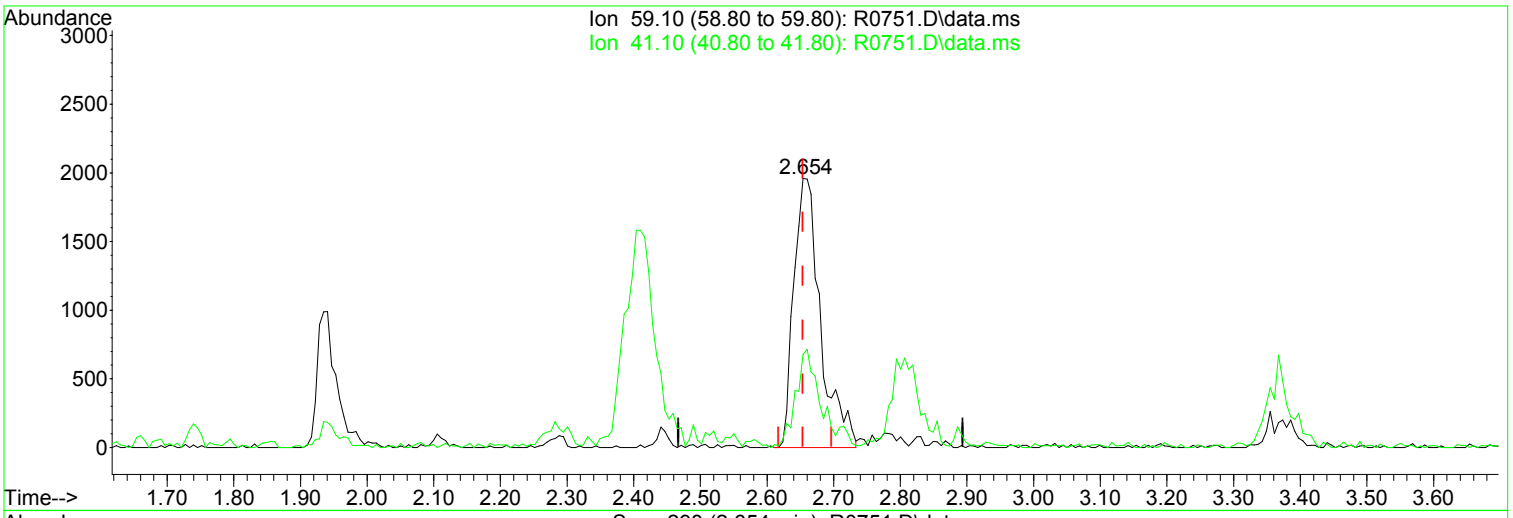
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(23) TBA

2.654min (+ 0.000) 9.27 ug/L m

response 5461

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.80	34.61
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

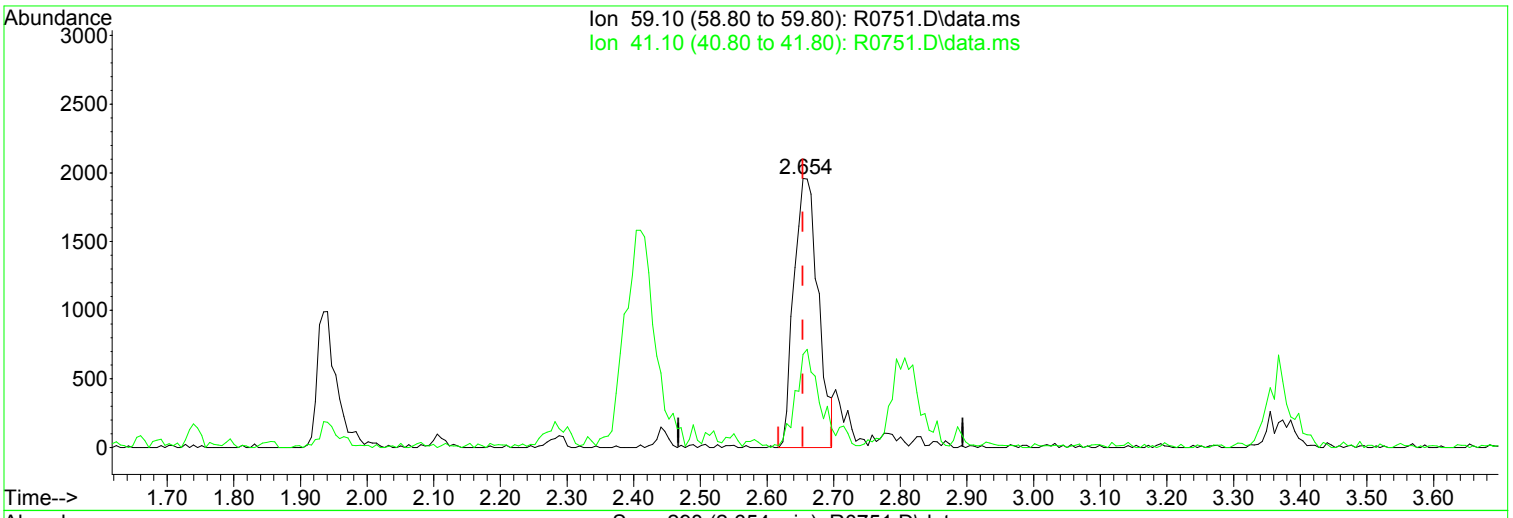
Poor integration.

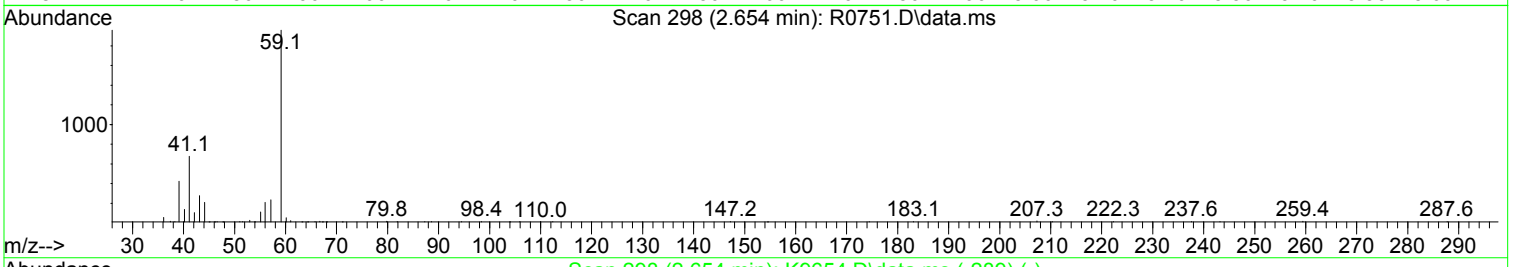
03/13/25

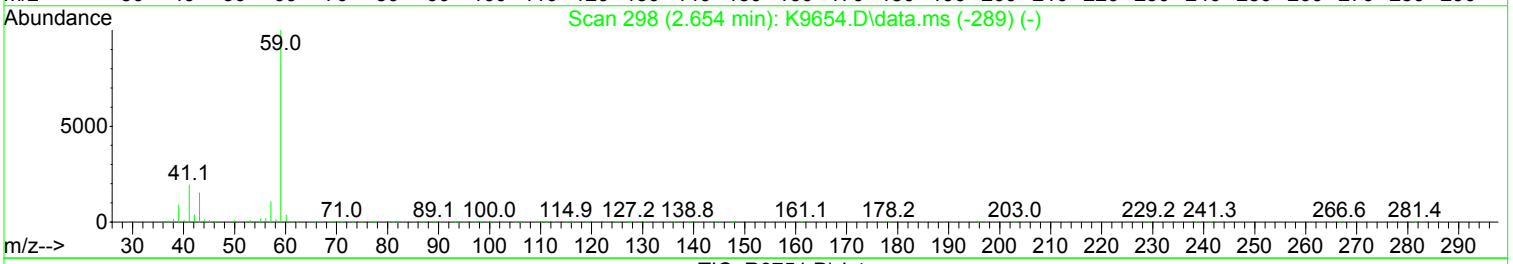
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(23) TBA

2.654min (+ 0.000) 8.42 ug/L

response 4958

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.80	34.61
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

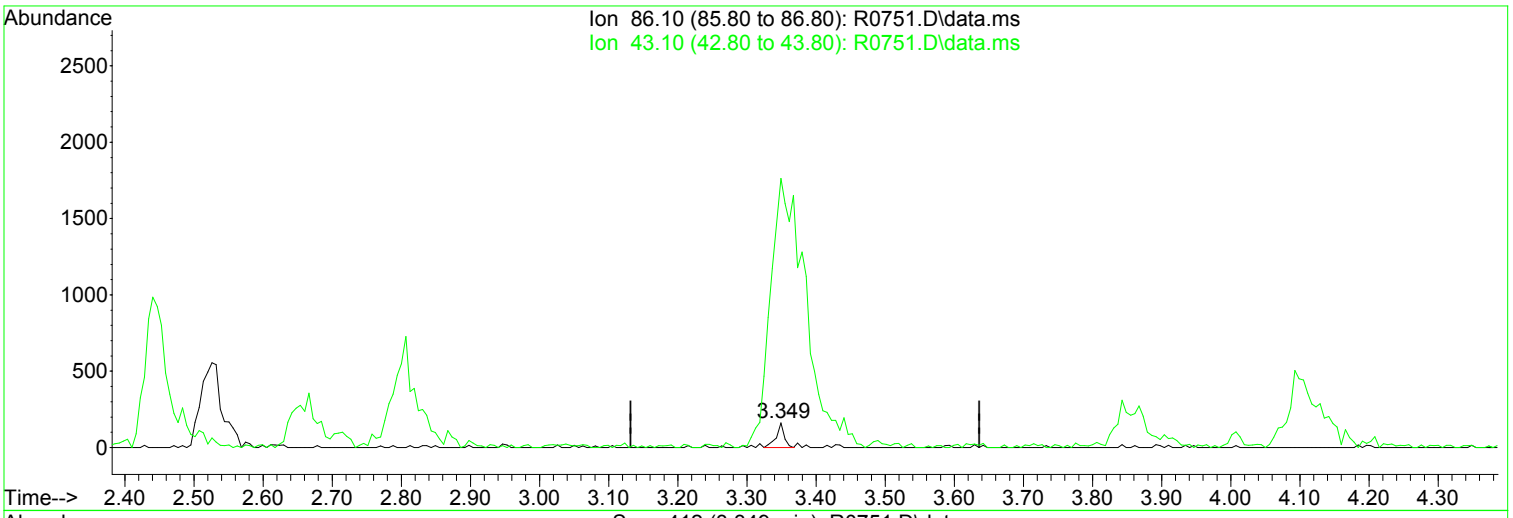
Before

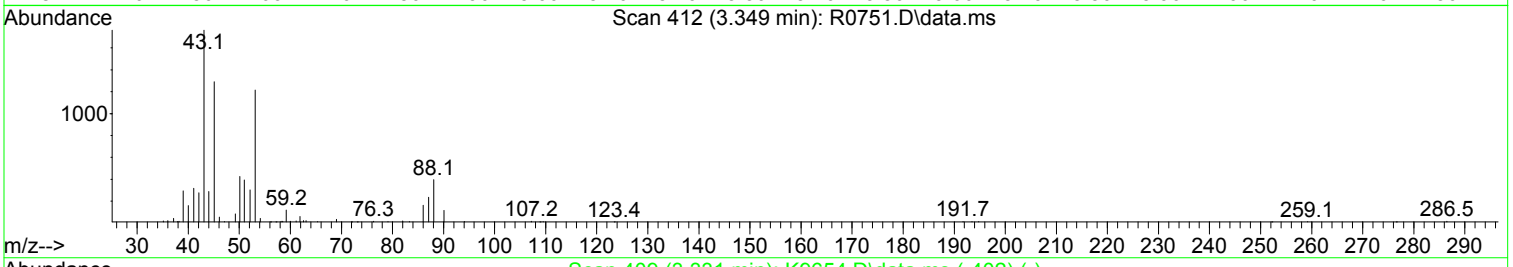
03/13/25

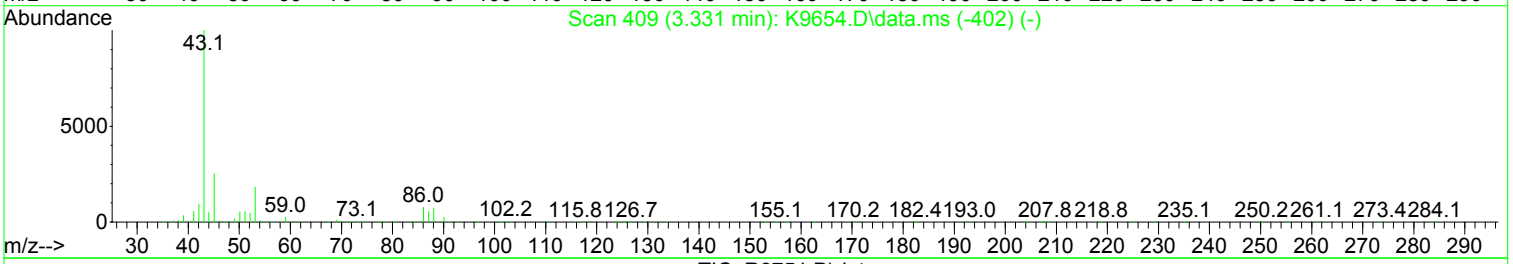
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(28) Vinyl Acetate

3.349min (+ 0.018) 0.20 ug/L m

response 128

Ion	Exp%	Act%
86.10	100.00	100.00
43.10	1297.30	1094.41#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

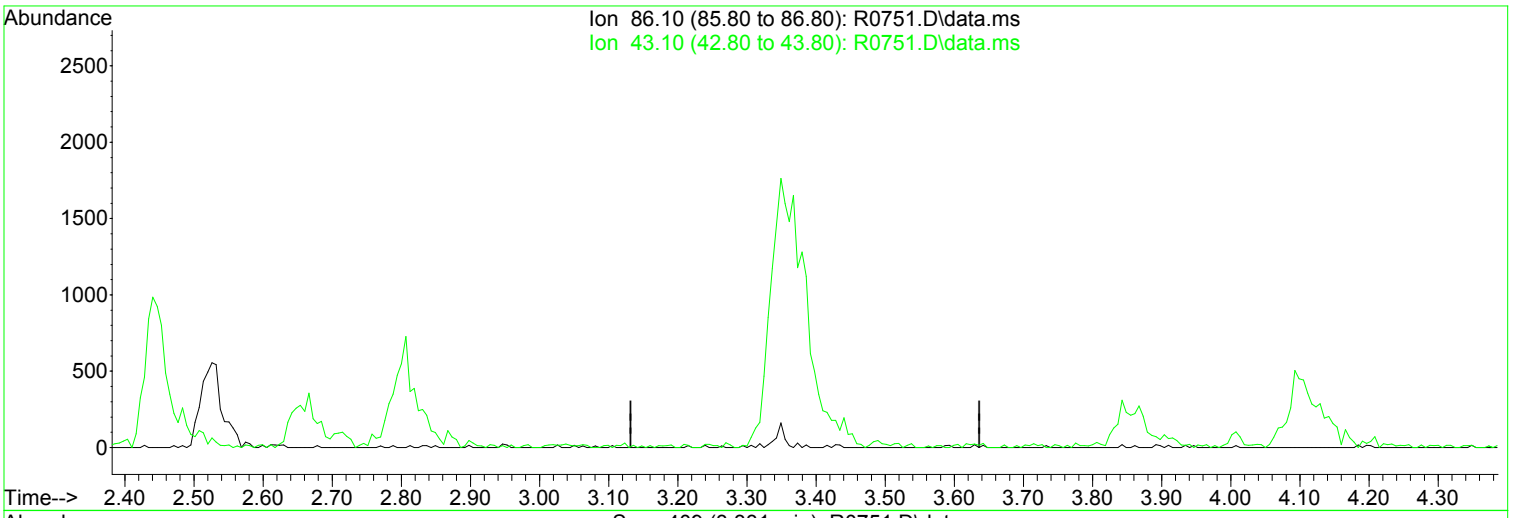
Peak not found.

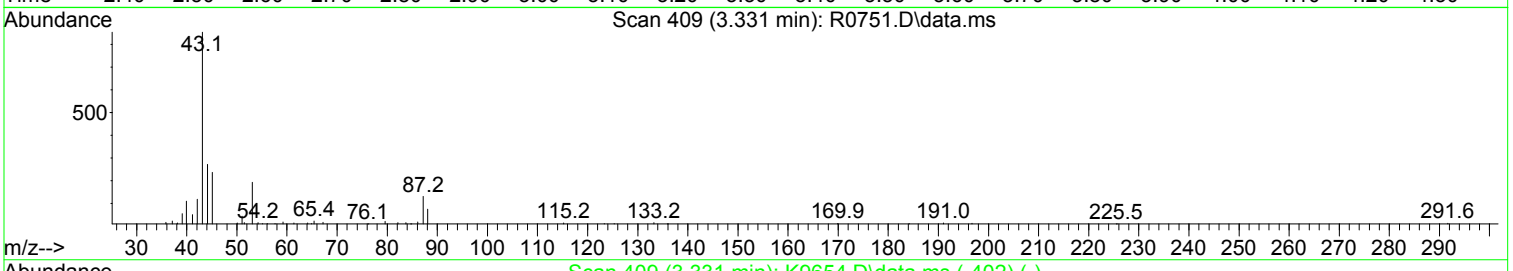
03/13/25

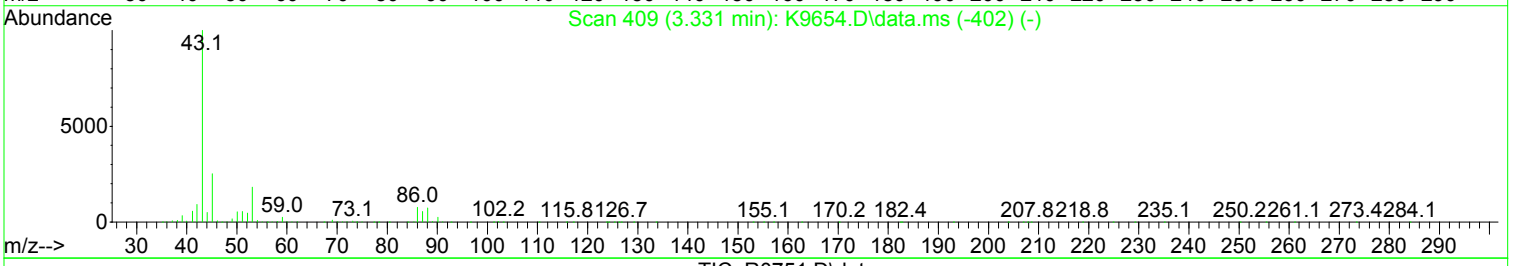
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(28) Vinyl Acetate **Manual Integration:**

3.331min (-3.331) 0.00 ug/L **Before**

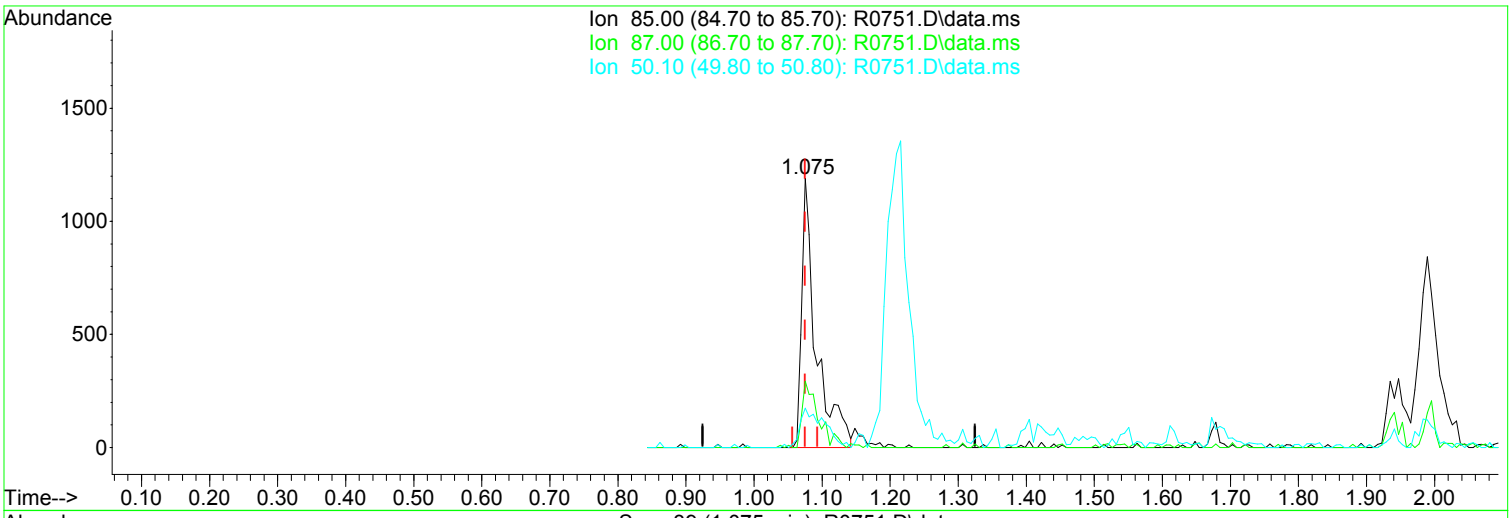
response 0

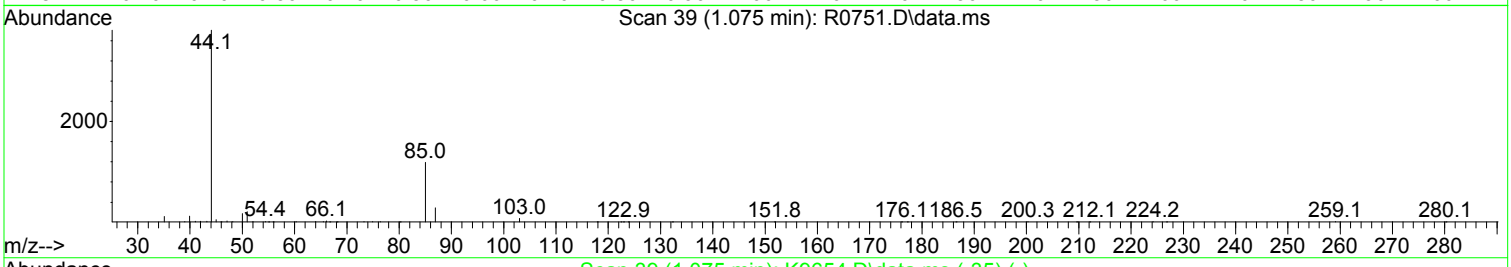
Ion	Exp%	Act%	03/13/25
86.10	100.00	0.00	
43.10	1297.30	0.00#	
0.00	0.00	0.00	
0.00	0.00	0.00	

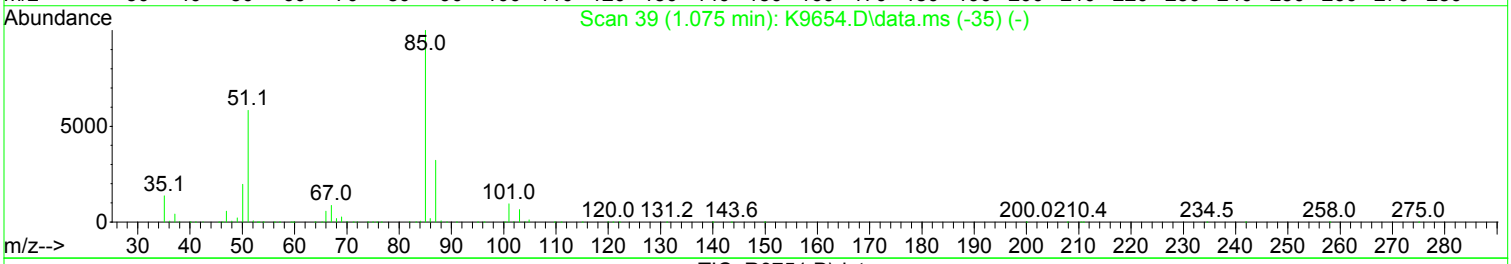
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (+ 0.000) 0.52 ug/L m

response 1754

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	24.56
50.10	19.70	14.63
0.00	0.00	0.00

Manual Integration:

After

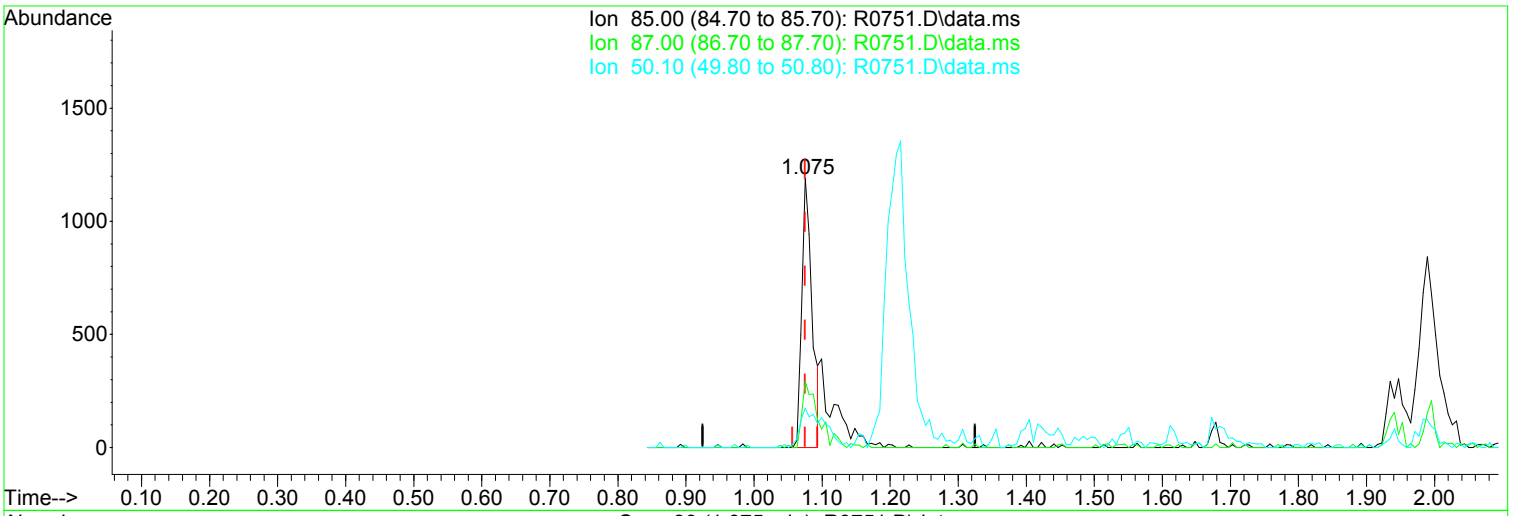
Split Peak.

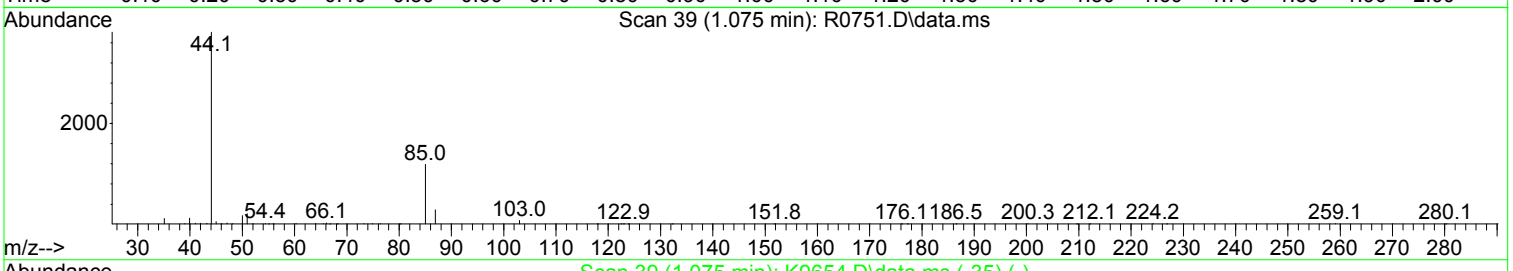
03/13/25

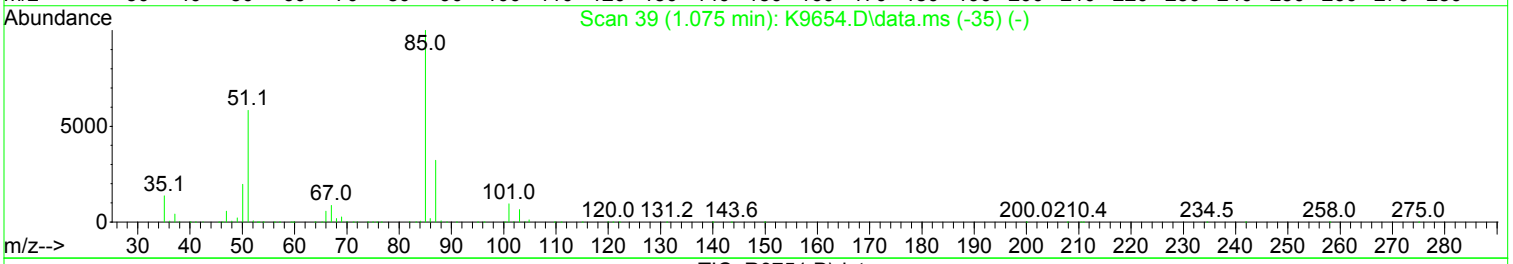
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (+ 0.000) 0.37 ug/L

response 1266

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	24.56
50.10	19.70	14.63
0.00	0.00	0.00

Manual Integration:

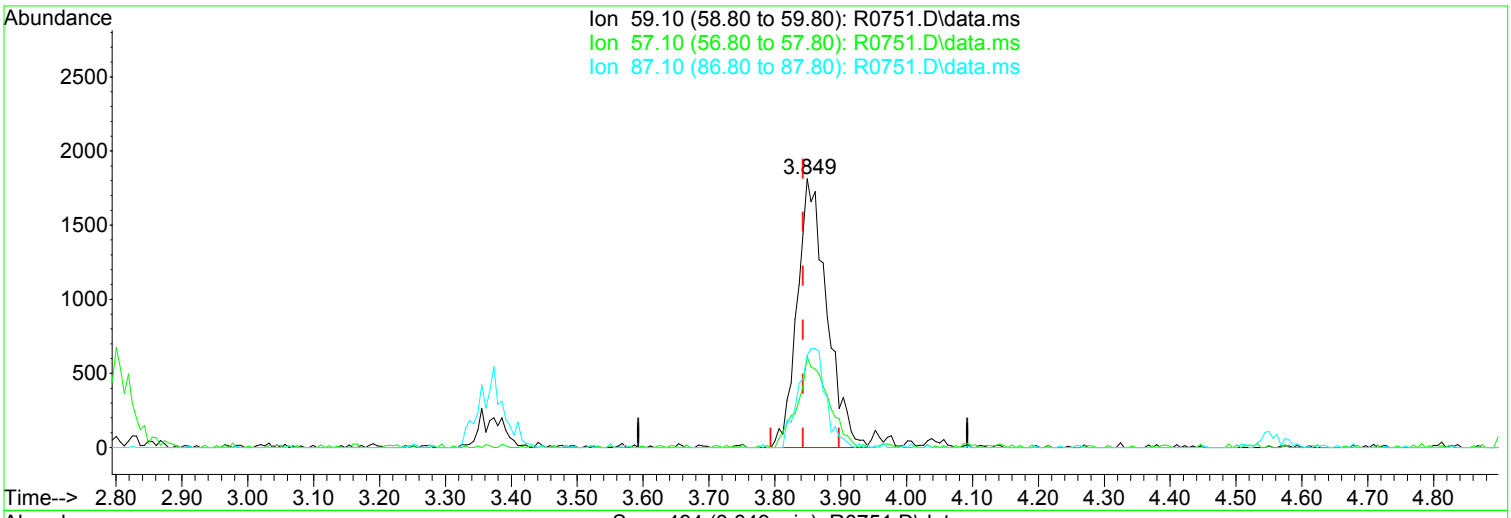
Before

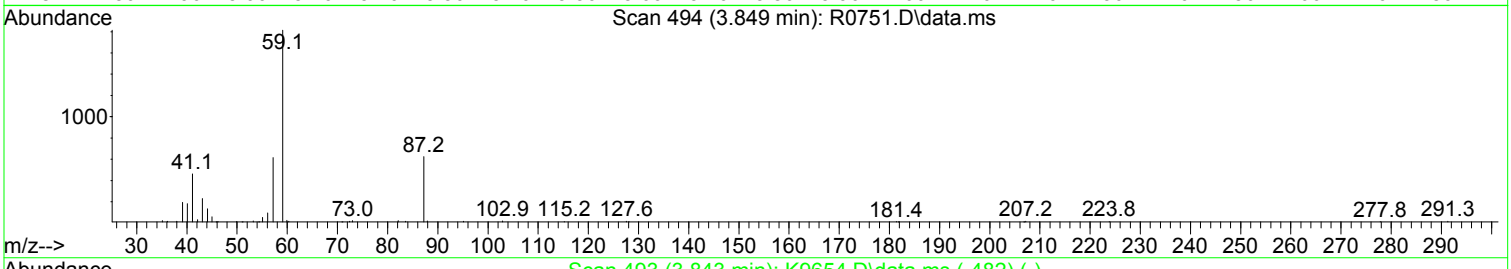
03/13/25

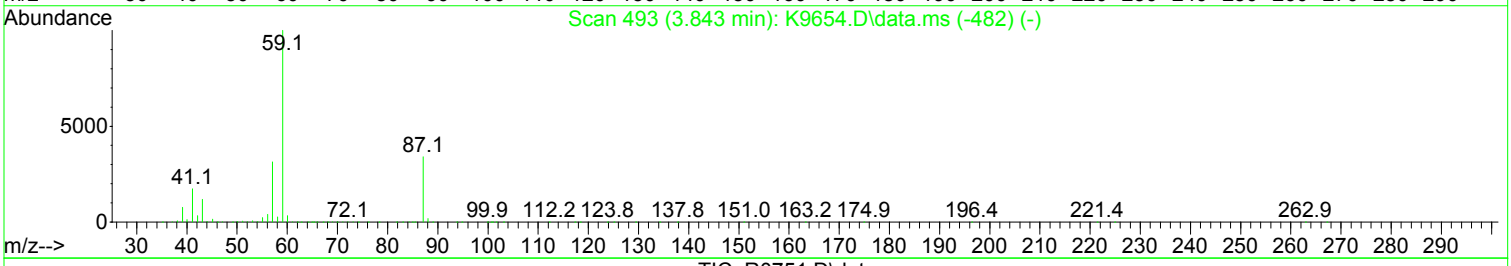
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(31) ETBE

3.849min (+ 0.006) 0.45 ug/L m

response 5652

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	31.50	33.85
87.10	34.20	34.40
0.00	0.00	0.00

Manual Integration:

After

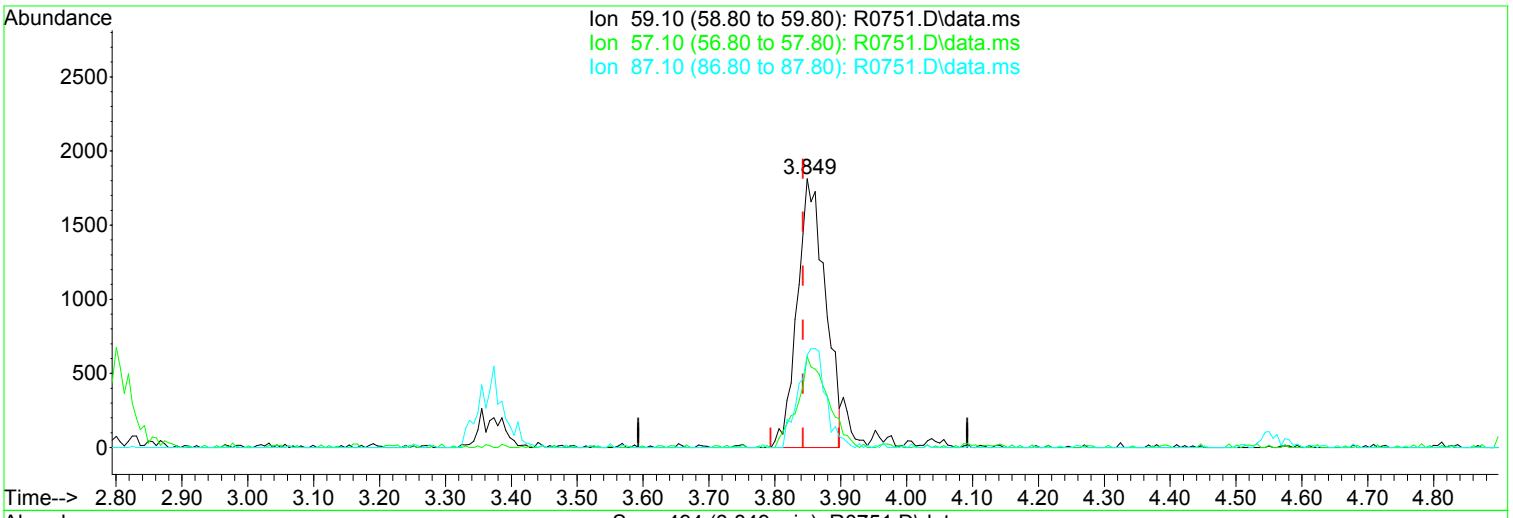
Poor integration.

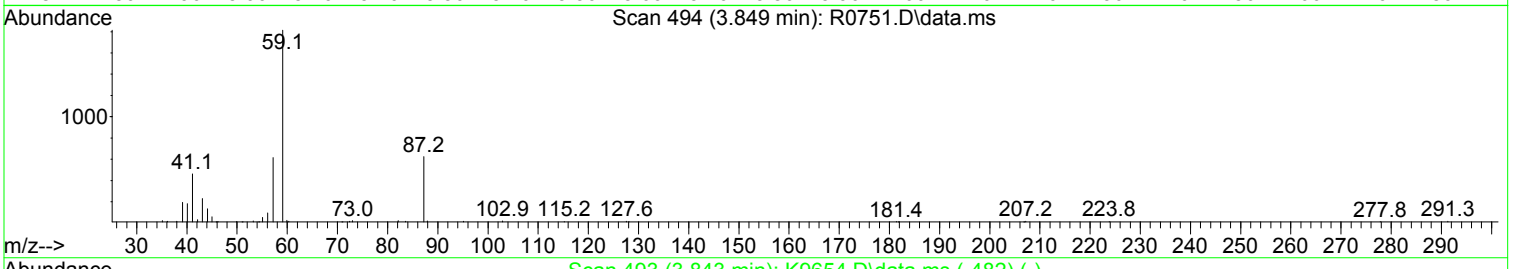
03/13/25

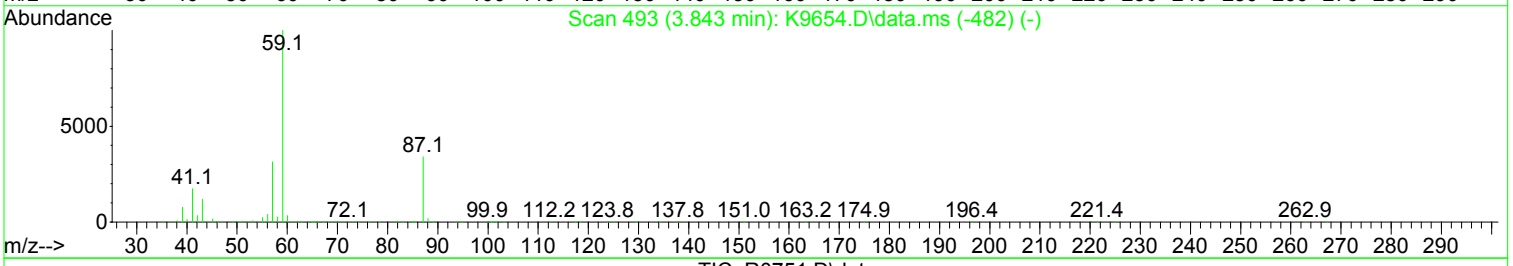
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(31) ETBE

3.849min (+ 0.006) 0.43 ug/L

response 5339

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	31.50	33.85
87.10	34.20	34.40
0.00	0.00	0.00

Manual Integration:

Before

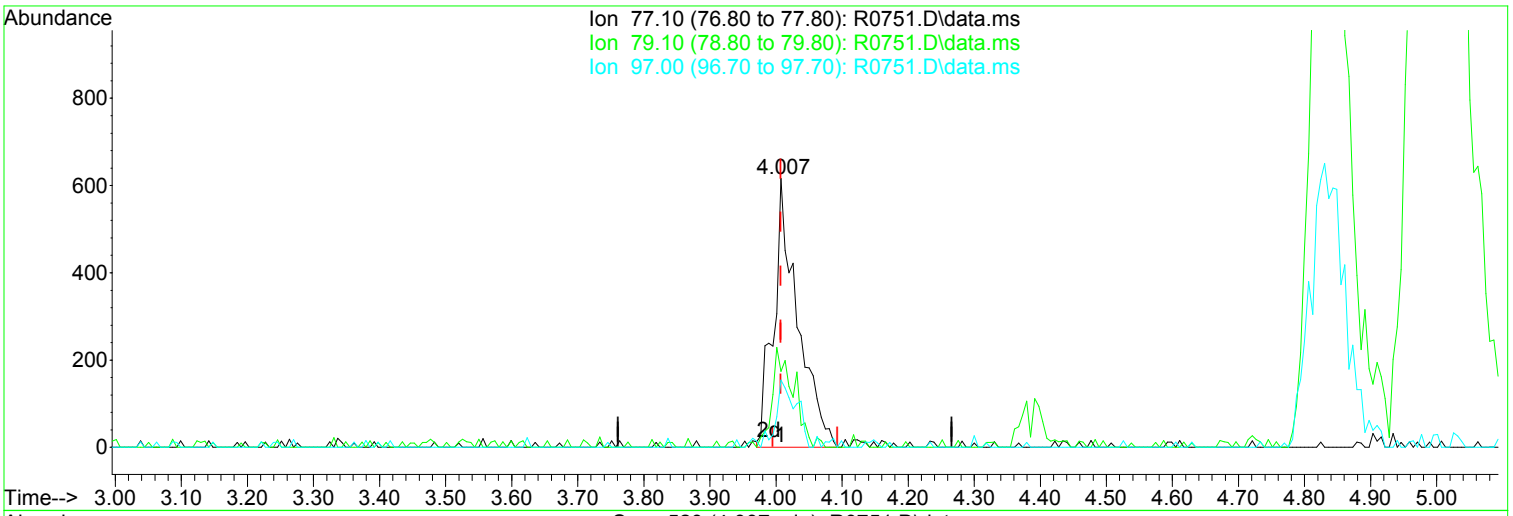
03/13/25

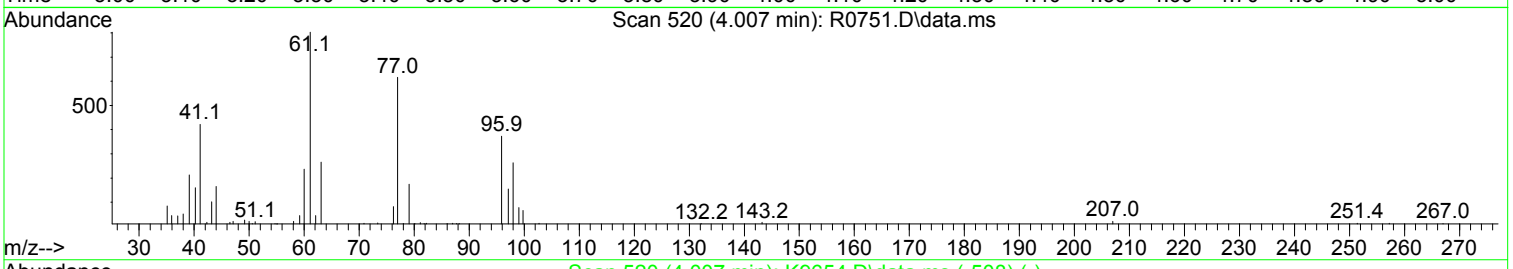
1st 03/13/25
2nd 03/13/25

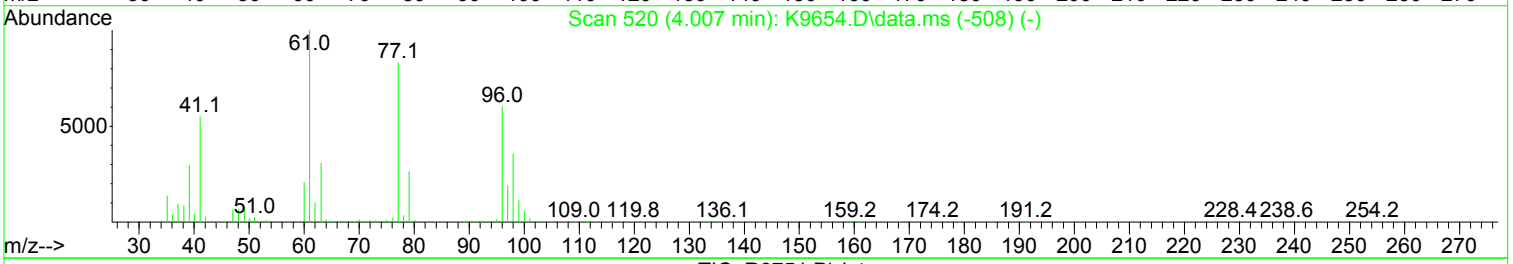
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(32) 2,2-Dichloropropane

4.007min (+ 0.000) 0.40 ug/L m

response 1561

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.90	28.25
97.00	22.80	25.00
0.00	0.00	0.00

Manual Integration:

After

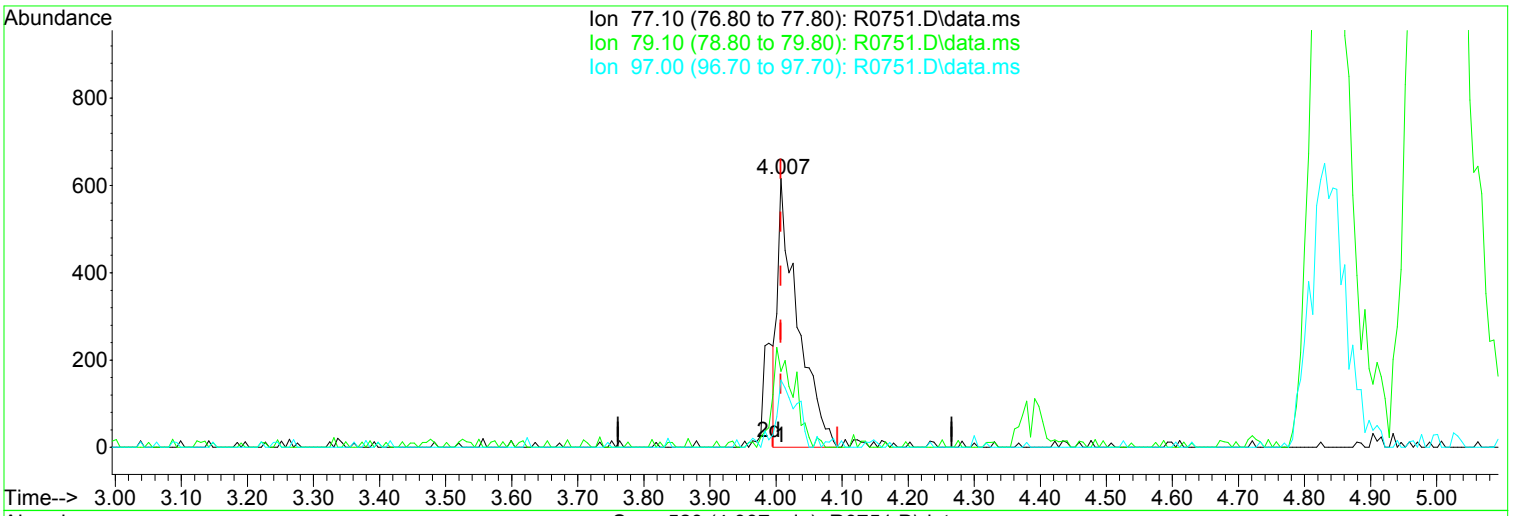
Poor integration.

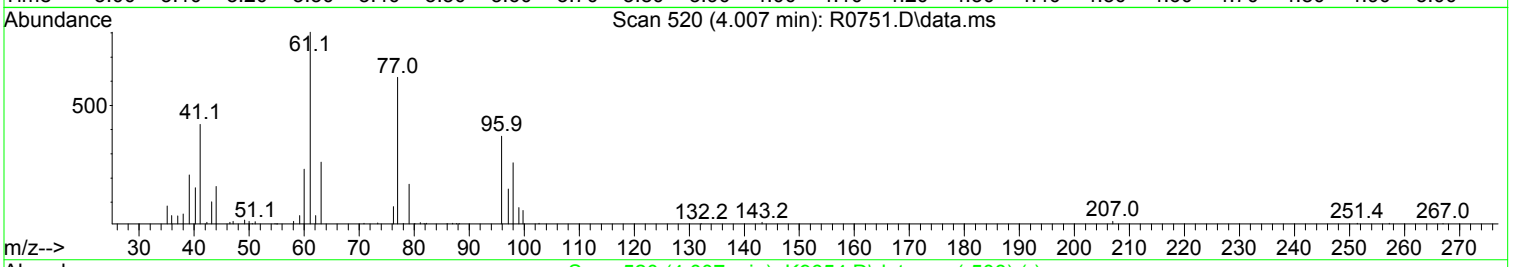
03/13/25

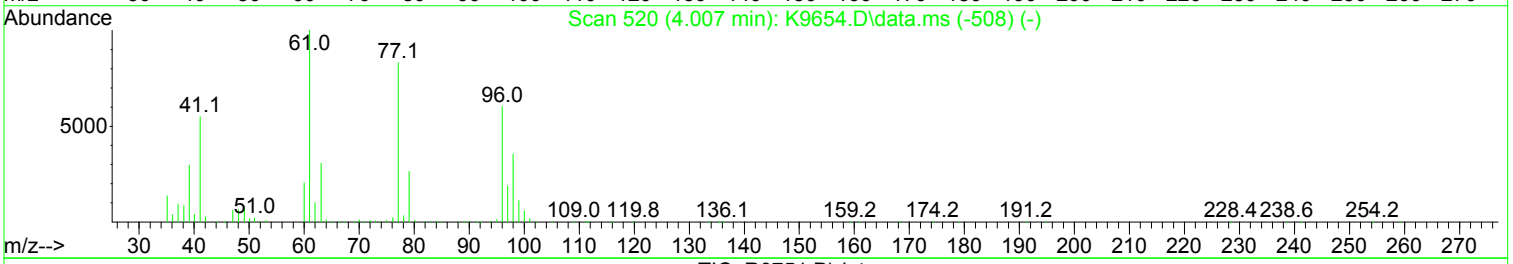
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(32) 2,2-Dichloropropane

4.007min (+ 0.000) 0.33 ug/L

response 1293

Ion	Exp%	Act%
77.10	100.00	100.00
79.10	31.90	28.25
97.00	22.80	25.00
0.00	0.00	0.00

Manual Integration:

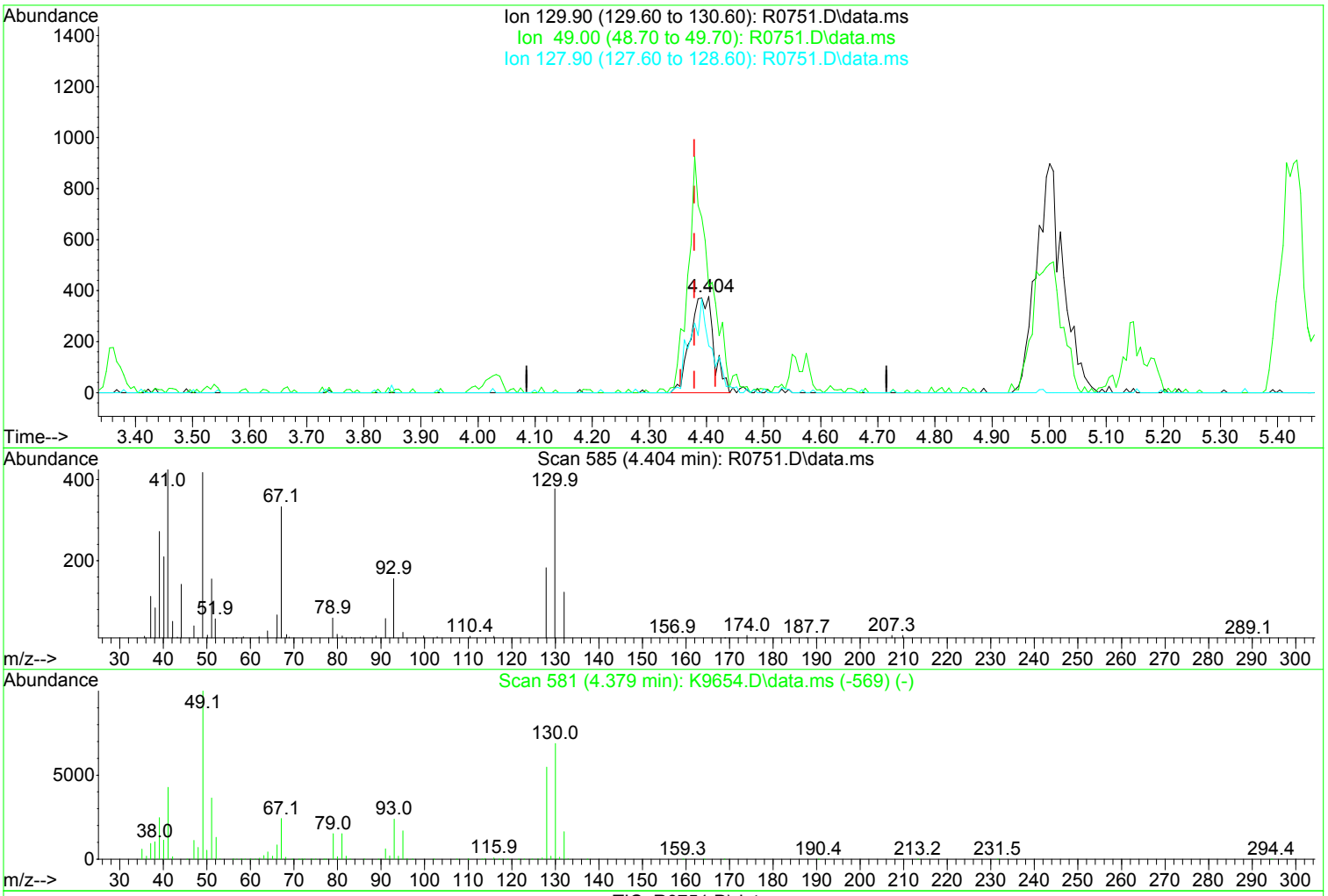
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(36) Bromochloromethane

4.404min (+ 0.024) 0.46 ug/L m

response 1066

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	145.40	110.61#
127.90	79.70	48.54#
0.00	0.00	0.00

Manual Integration:

After

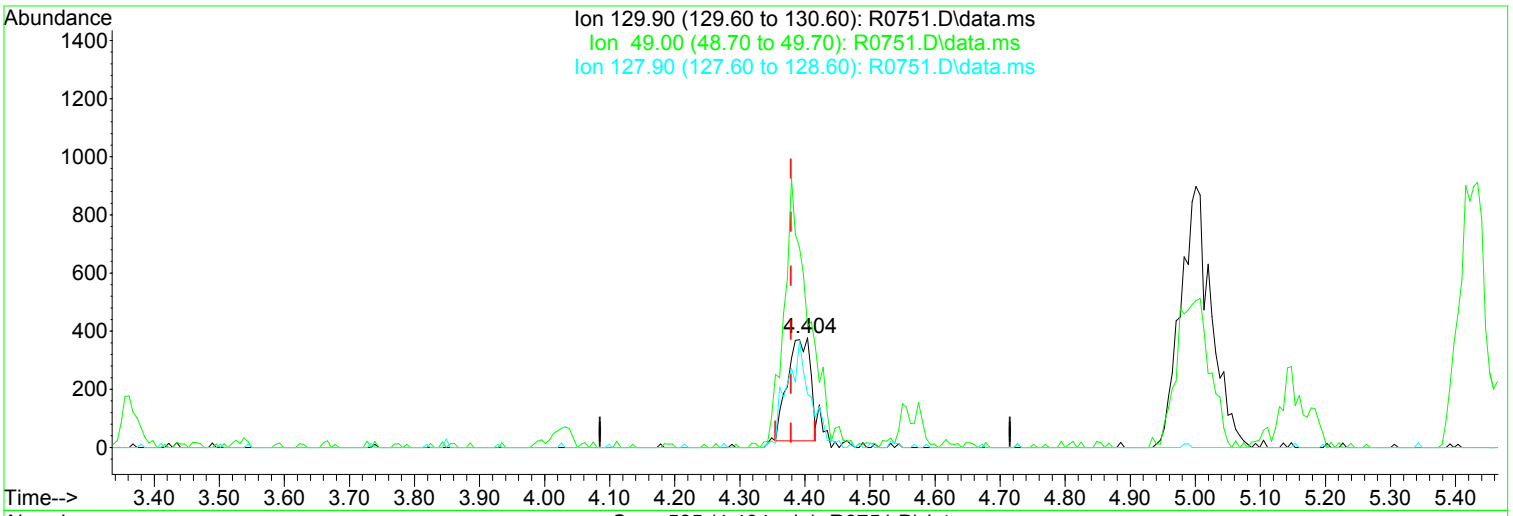
Poor integration.

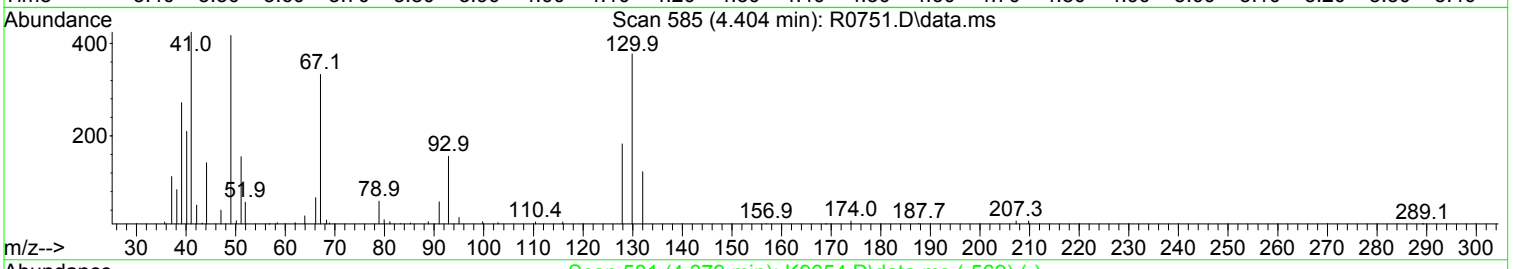
03/13/25

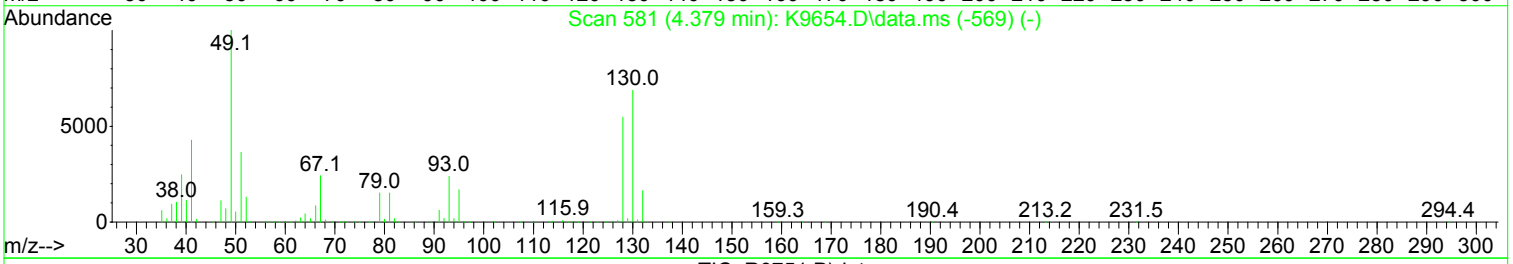
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(36) Bromochloromethane

4.404min (+ 0.024) 0.37 ug/L

response 863

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	145.40	110.61#
127.90	79.70	48.54#
0.00	0.00	0.00

Manual Integration:

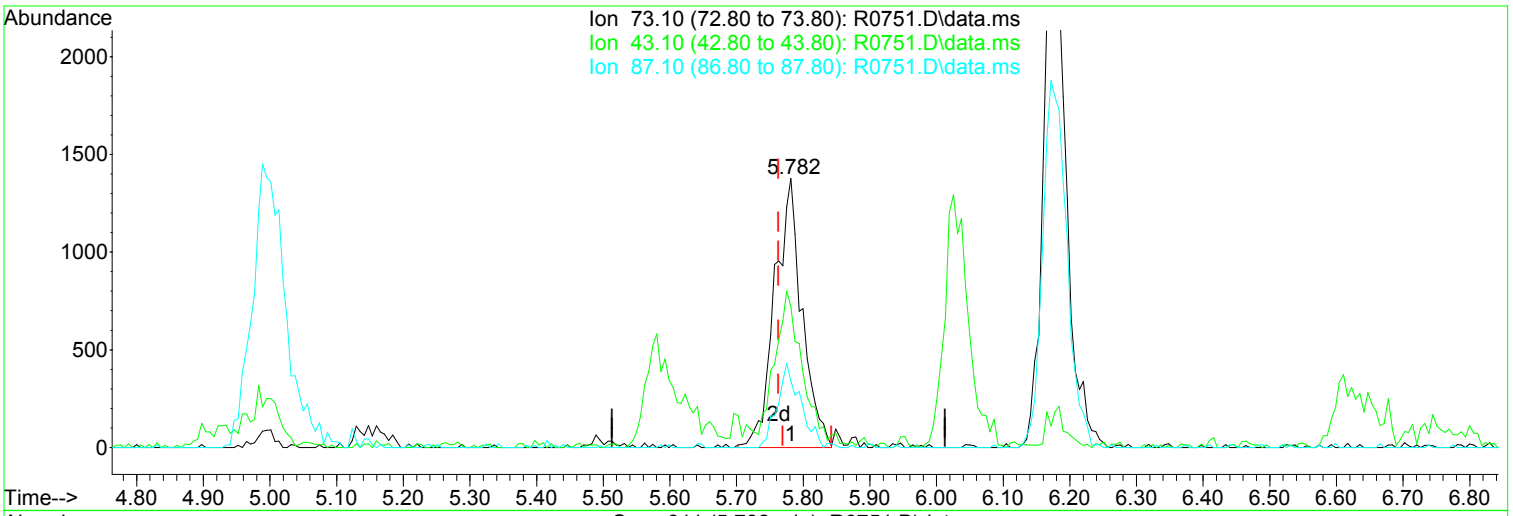
Before

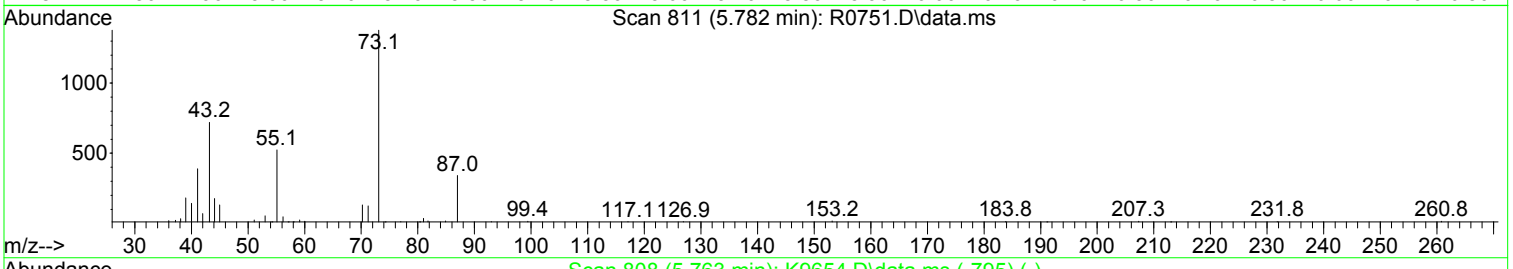
03/13/25

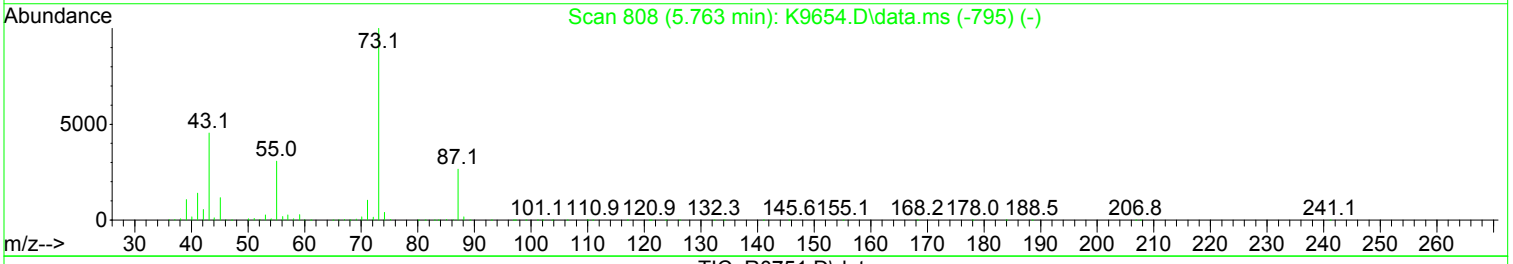
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(41) TAME

5.782min (+ 0.018) 0.48 ug/L m

response 3900

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	46.90	52.29
87.10	26.60	24.69
0.00	0.00	0.00

Manual Integration:

After

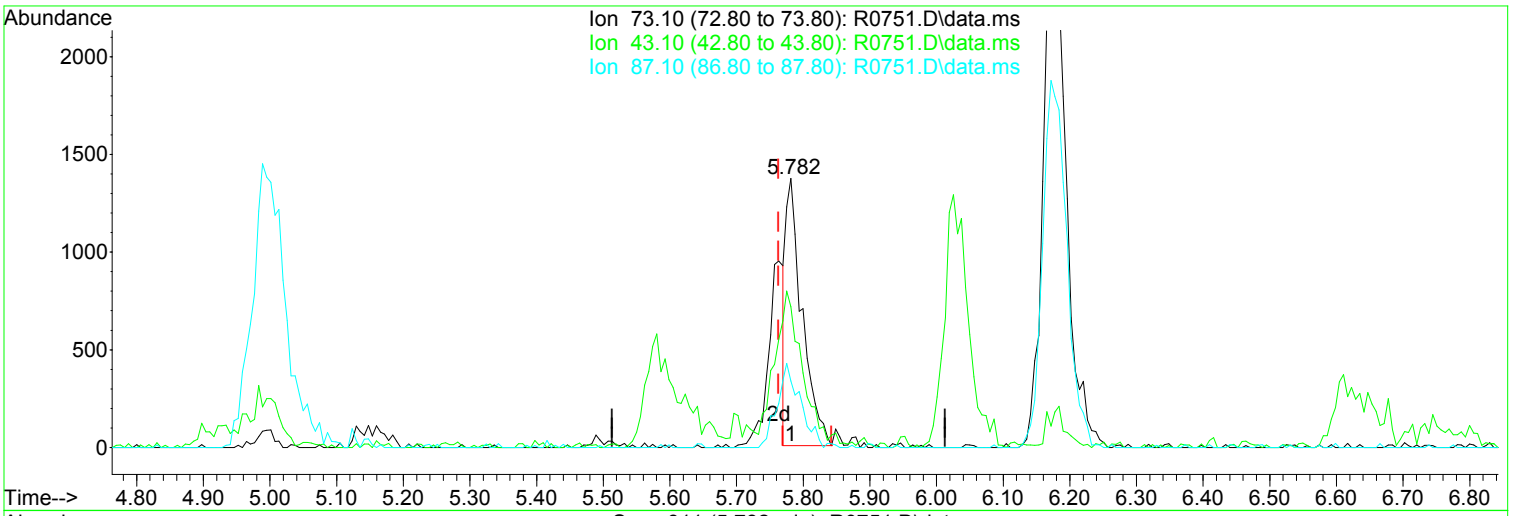
Split Peak.

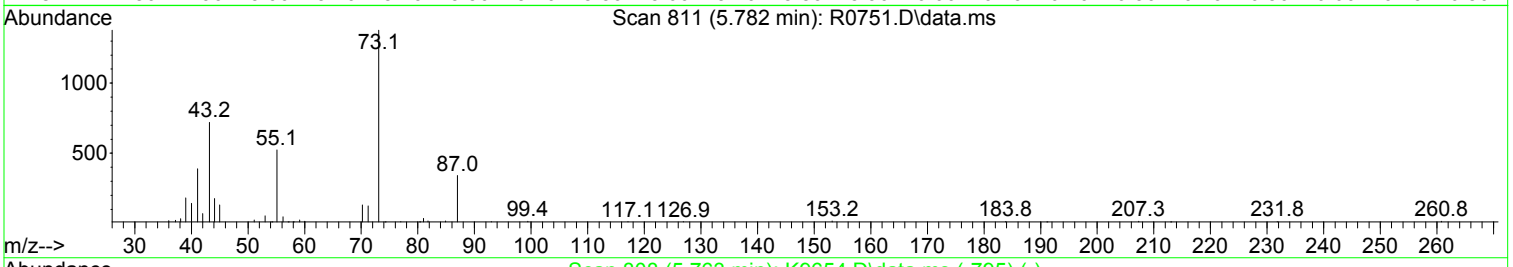
03/13/25

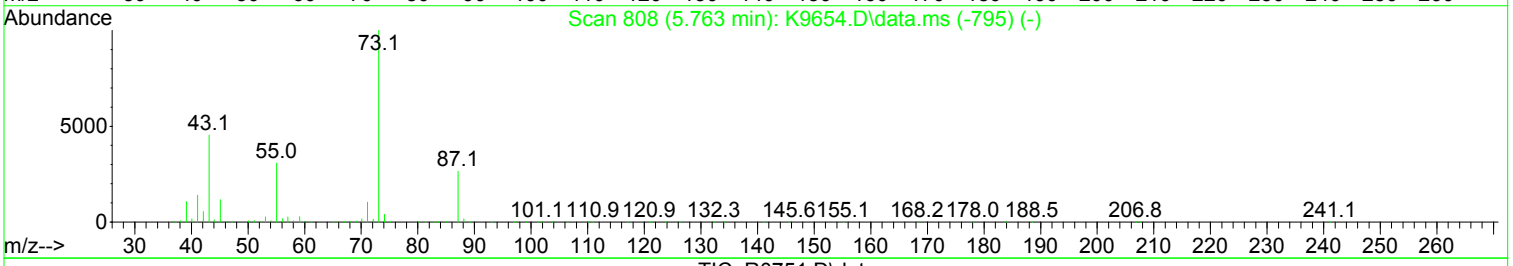
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(41) TAME

5.782min (+ 0.018) 0.28 ug/L

response 2316

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	46.90	52.29
87.10	26.60	24.69
0.00	0.00	0.00

Manual Integration:

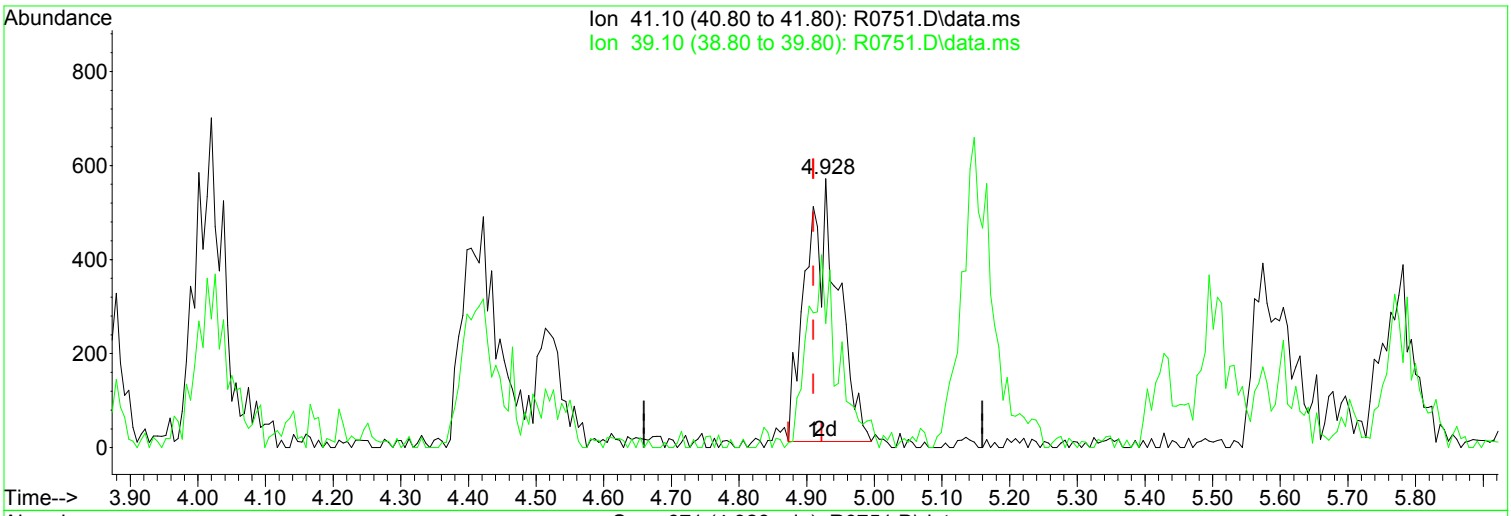
Before

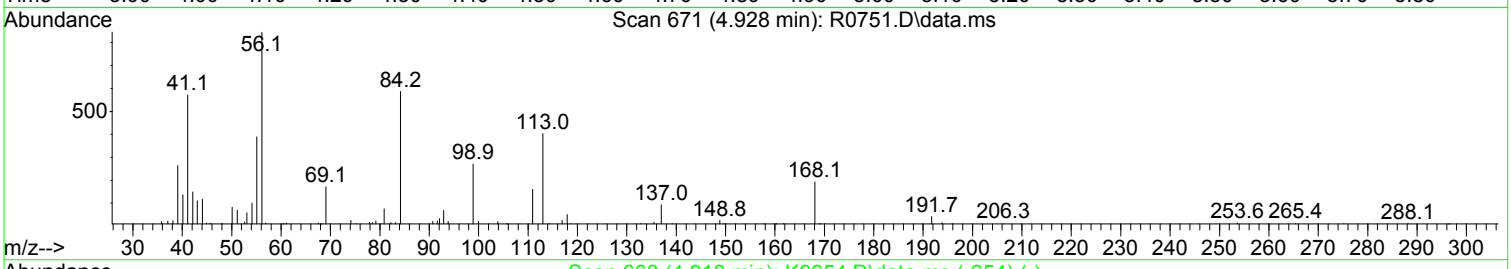
03/13/25

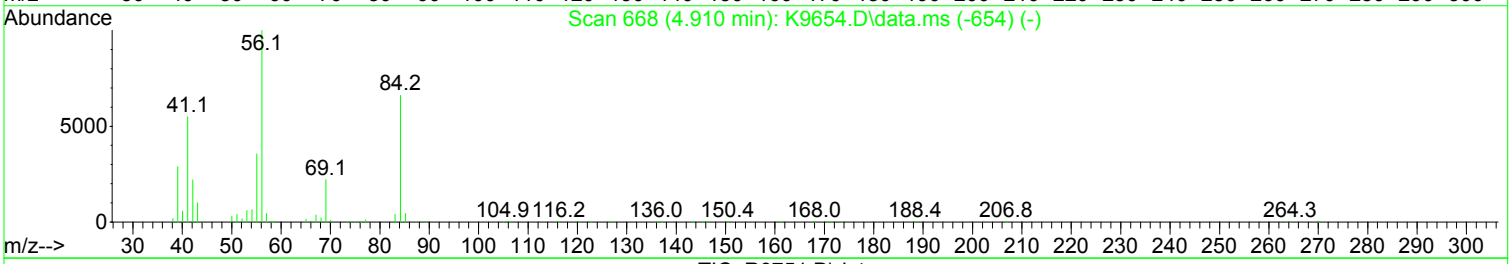
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(43) Cyclohexane (P)

4.928min (+ 0.018) 0.47 ug/L m

response 1856

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	53.20	46.15
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

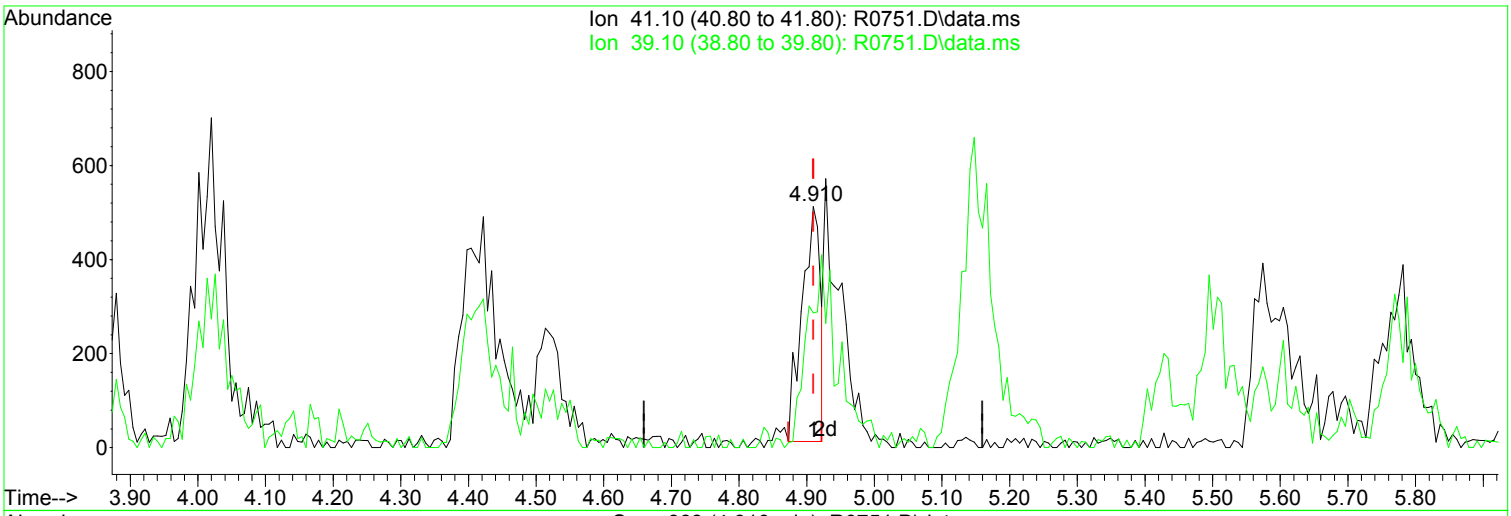
Split Peak.

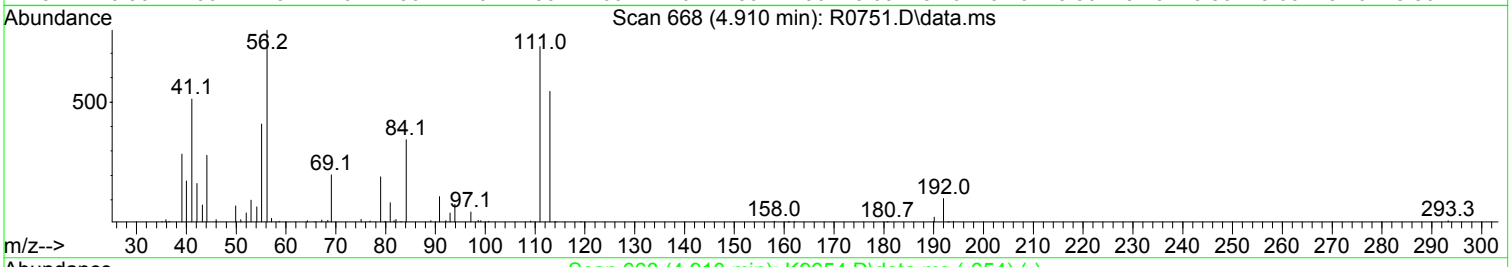
03/13/25

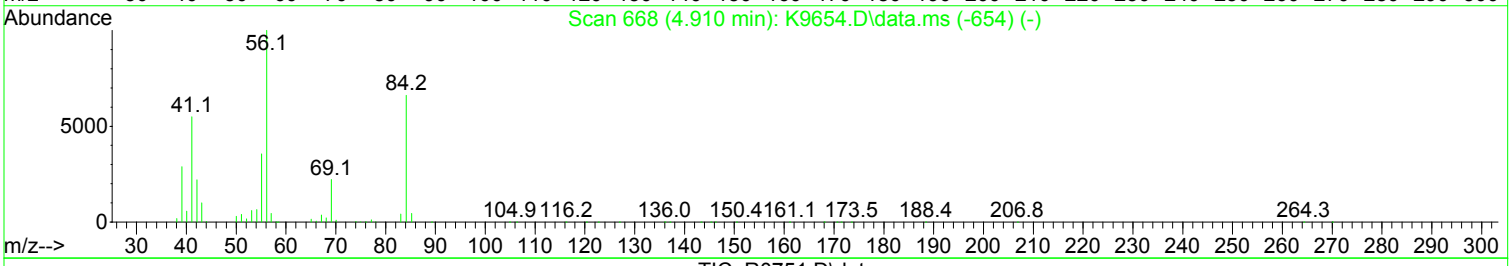
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(43) Cyclohexane (P)

4.910min (+ 0.000) 0.24 ug/L

response 941

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	53.20	55.95
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

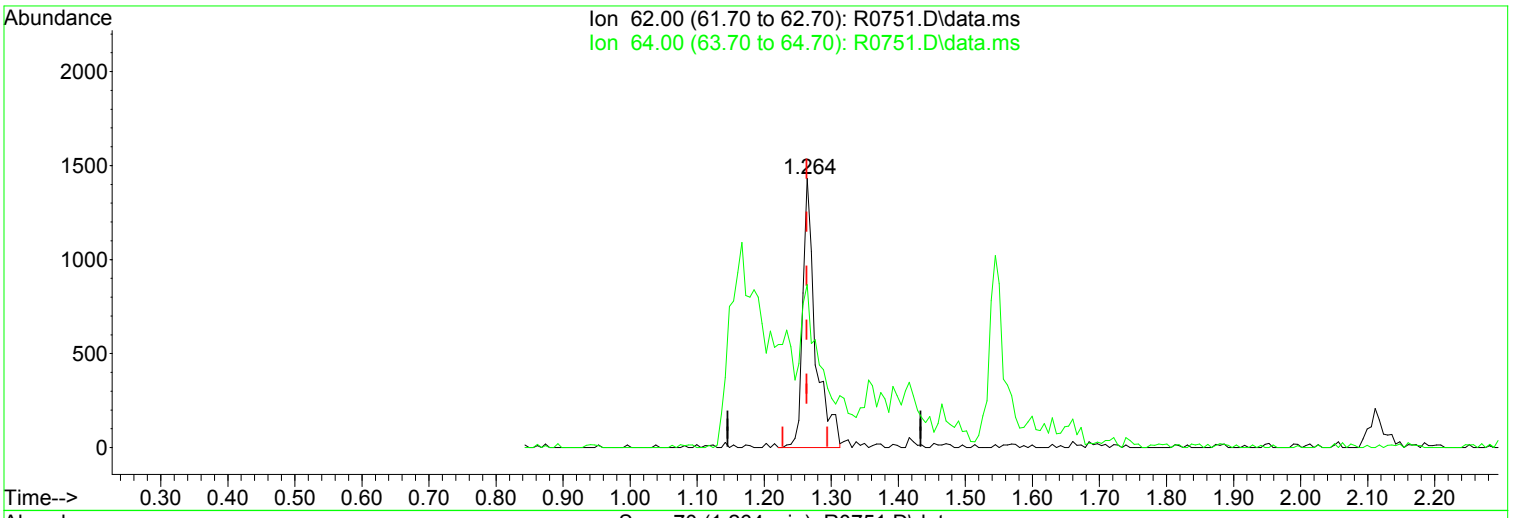
Before

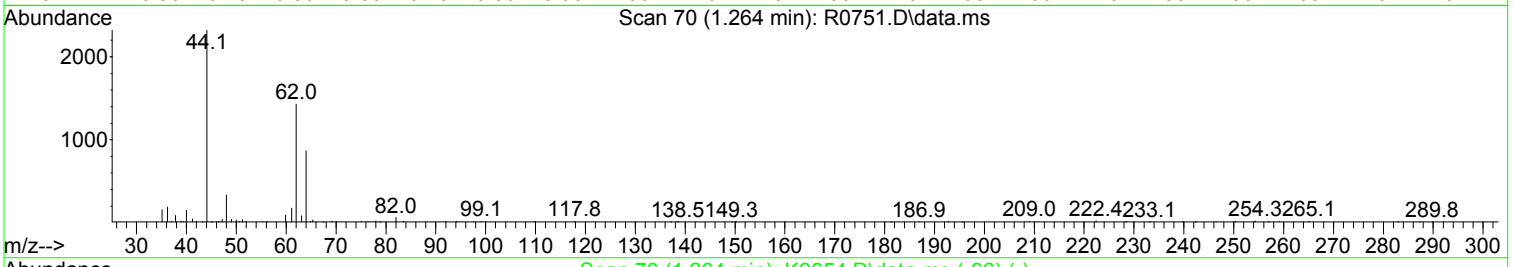
03/13/25

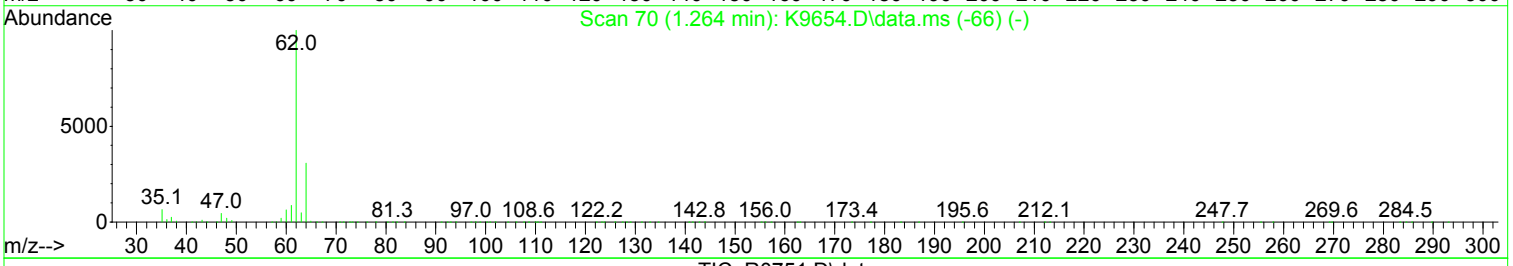
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(5) Vinyl Chloride (P)

1.264min (+ 0.000) 0.47 ug/L m

response 1892

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	30.70	60.52#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

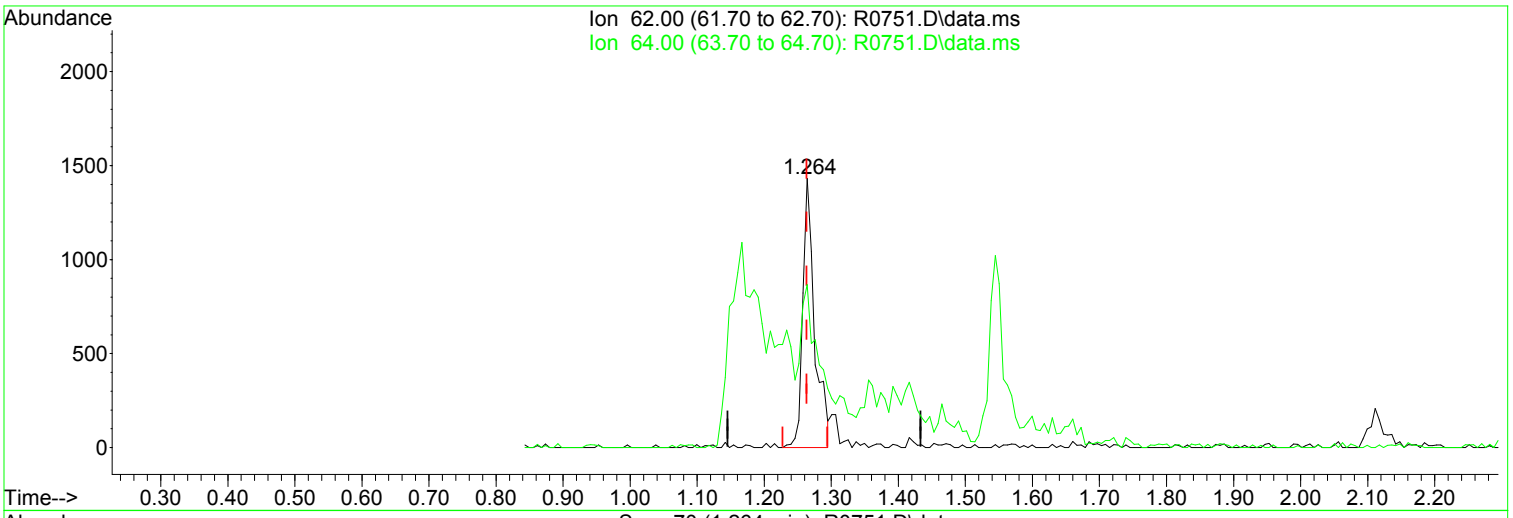
Poor integration.

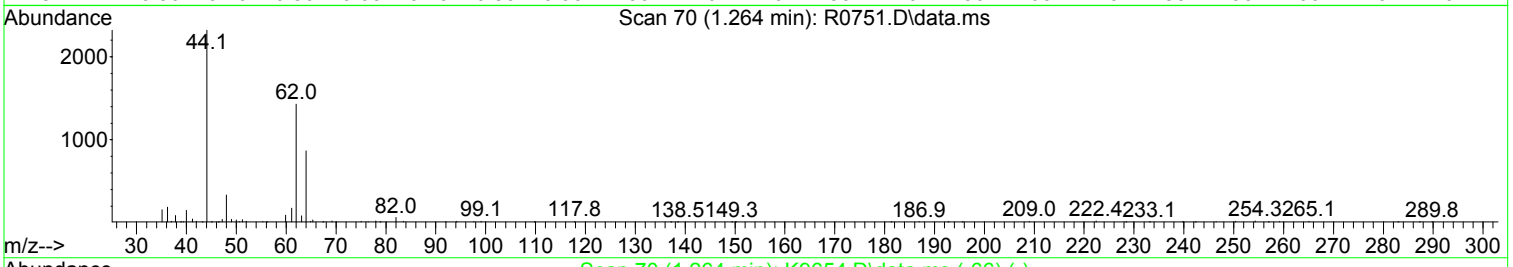
03/13/25

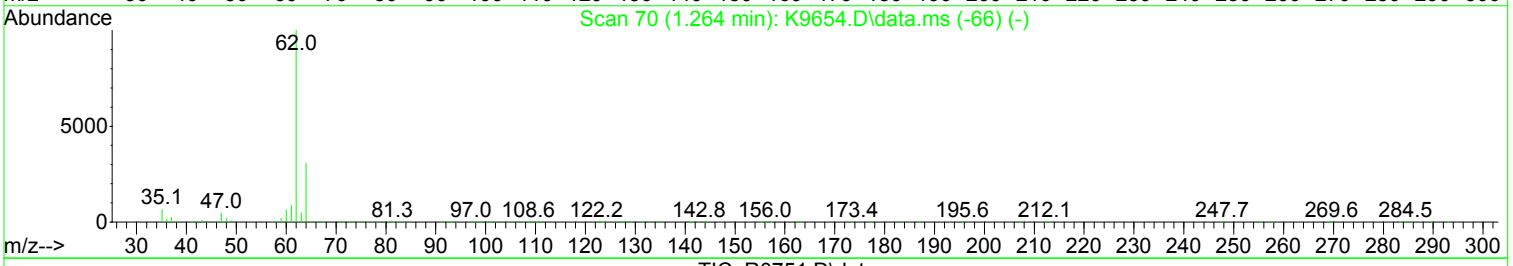
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(5) Vinyl Chloride (P)

1.264min (+ 0.000) 0.43 ug/L

response 1755

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	30.70	60.52#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

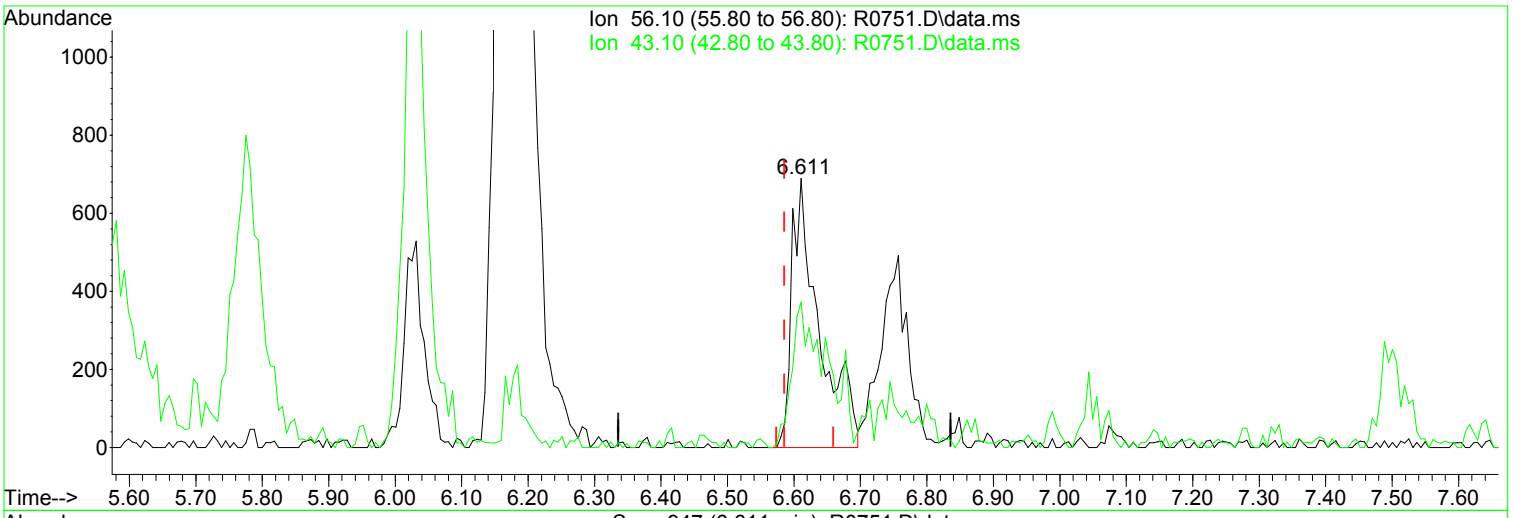
Before

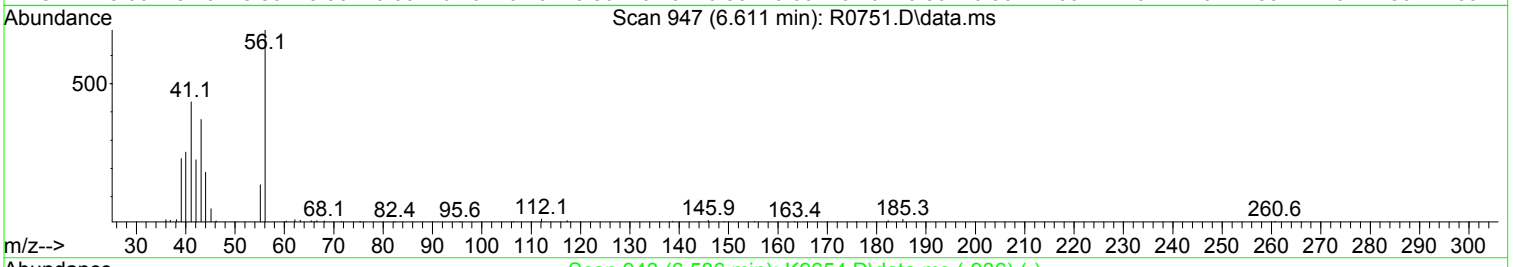
03/13/25

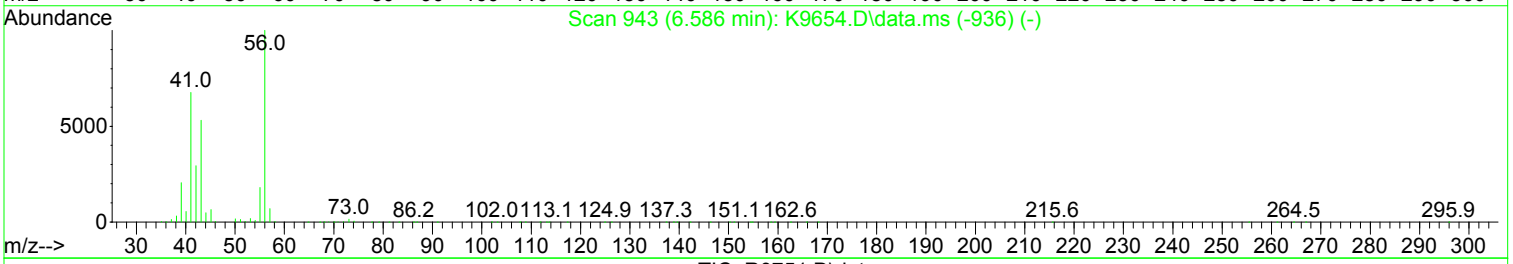
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(52) 1-Butanol

6.611min (+ 0.024) 12.41 ug/L m

response 1970

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	53.30	54.14
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

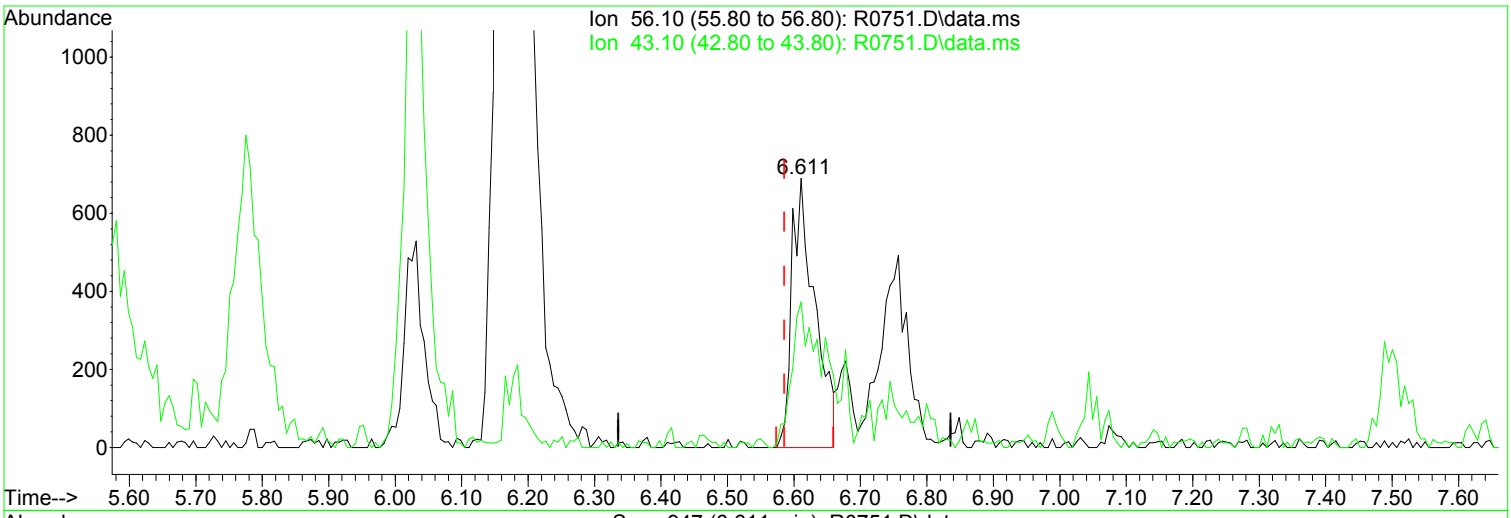
Poor integration.

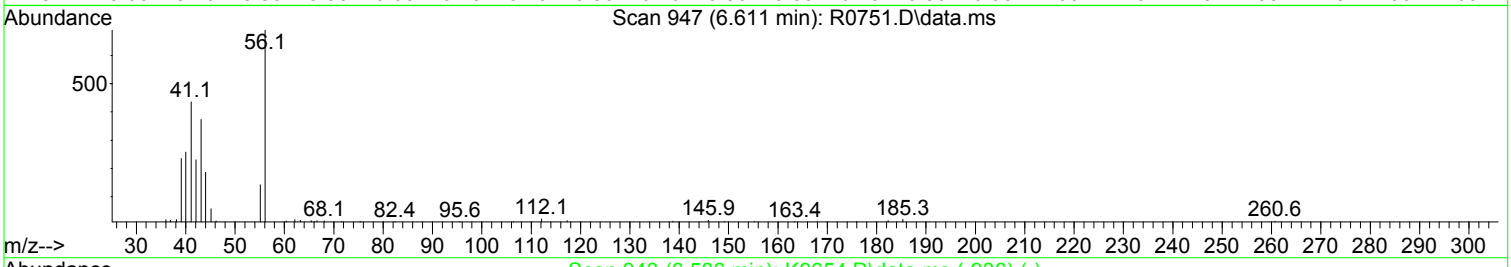
03/13/25

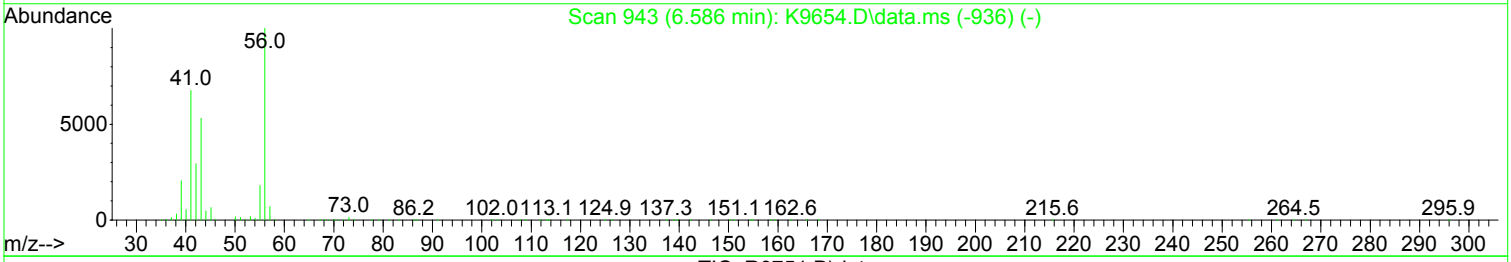
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(52) 1-Butanol

6.611min (+ 0.024) 10.43 ug/L

response 1655

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	53.30	54.14
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

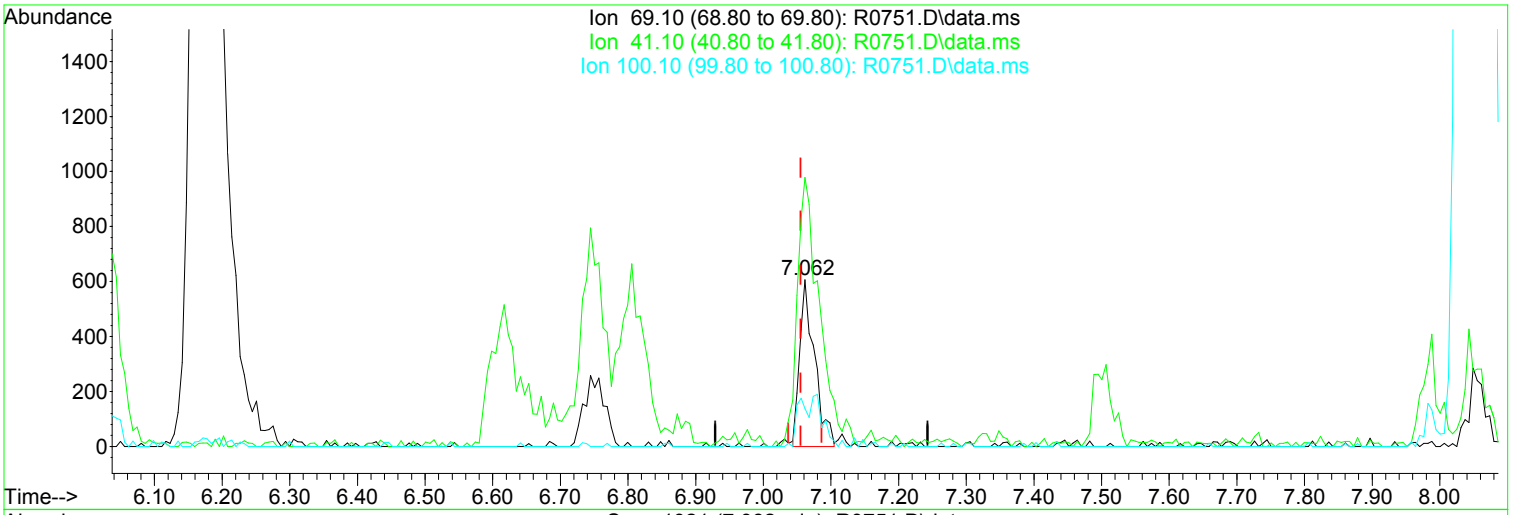
Before

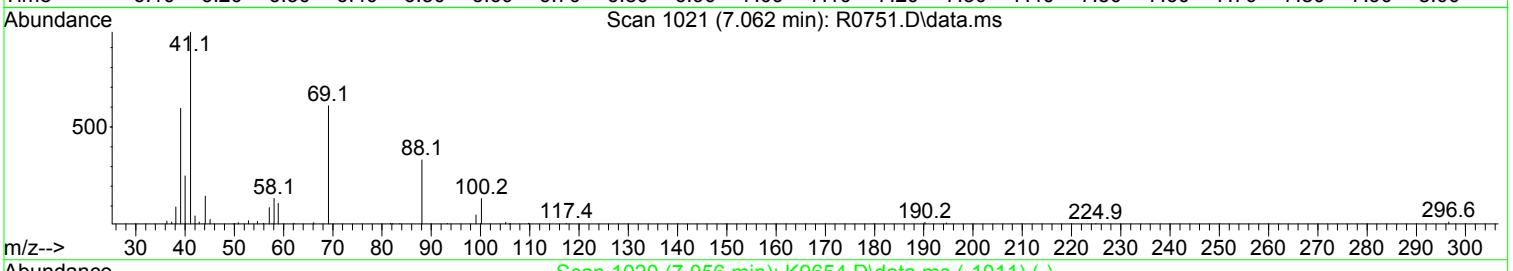
03/13/25

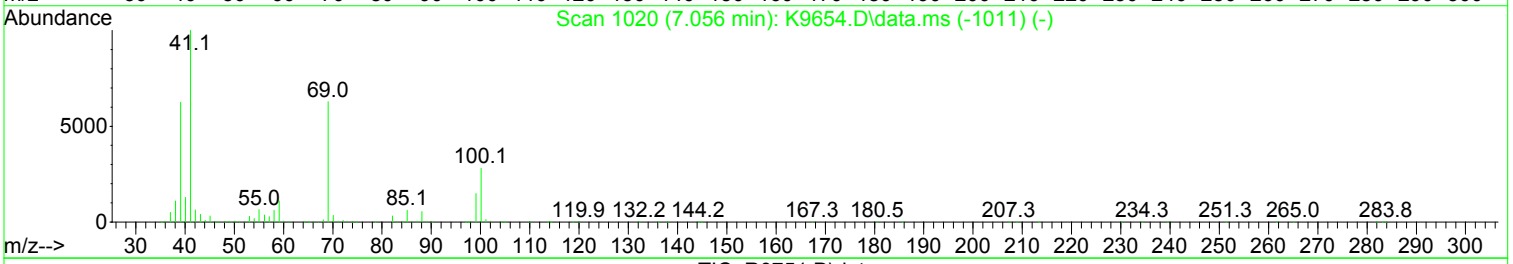
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(58) Methyl Methacrylate

7.062min (+ 0.006) 0.38 ug/L m

response 937

Ion	Exp%	Act%
69.10	100.00	100.00
41.10	160.20	161.39
100.10	44.80	22.77#
0.00	0.00	0.00

Manual Integration:

After

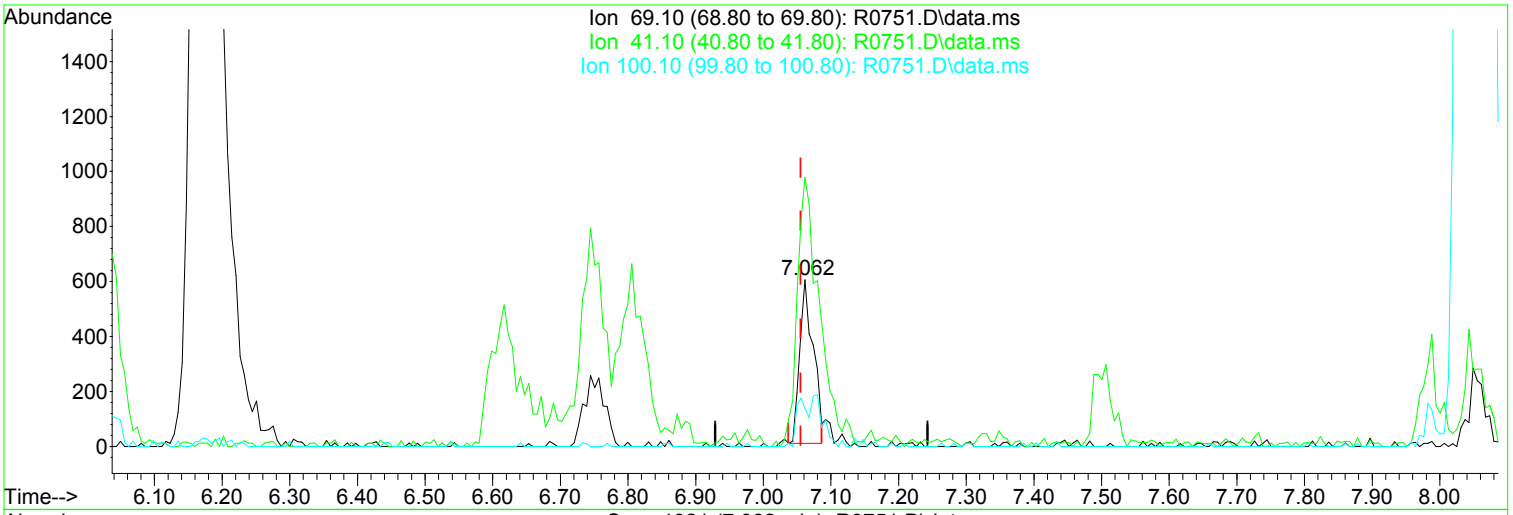
Poor integration.

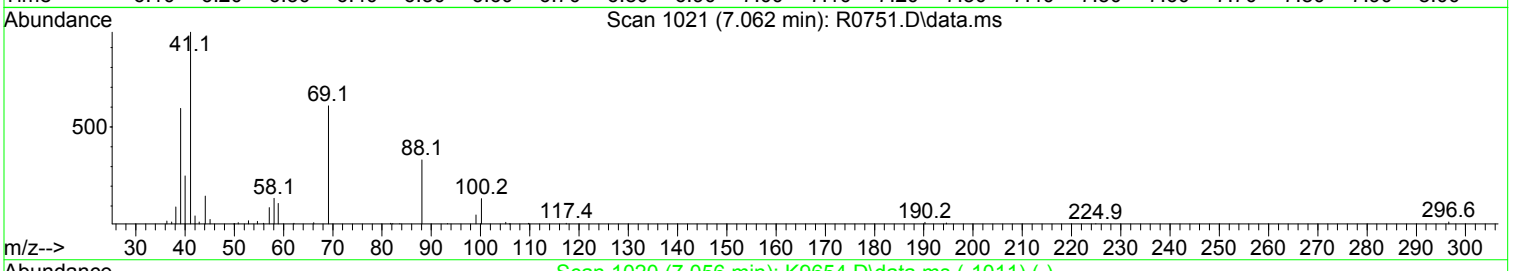
03/13/25

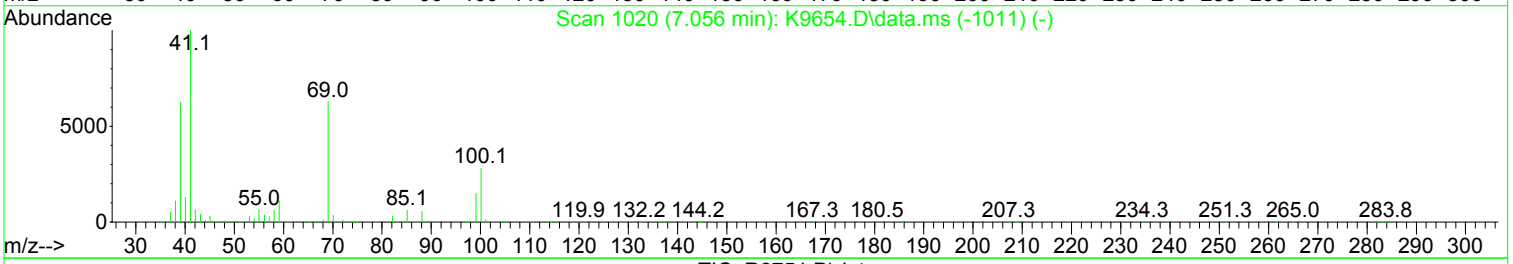
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(58) Methyl Methacrylate

7.062min (+ 0.006) 0.34 ug/L

response 838

Ion	Exp%	Act%
69.10	100.00	100.00
41.10	160.20	161.39
100.10	44.80	22.77#
0.00	0.00	0.00

Manual Integration:

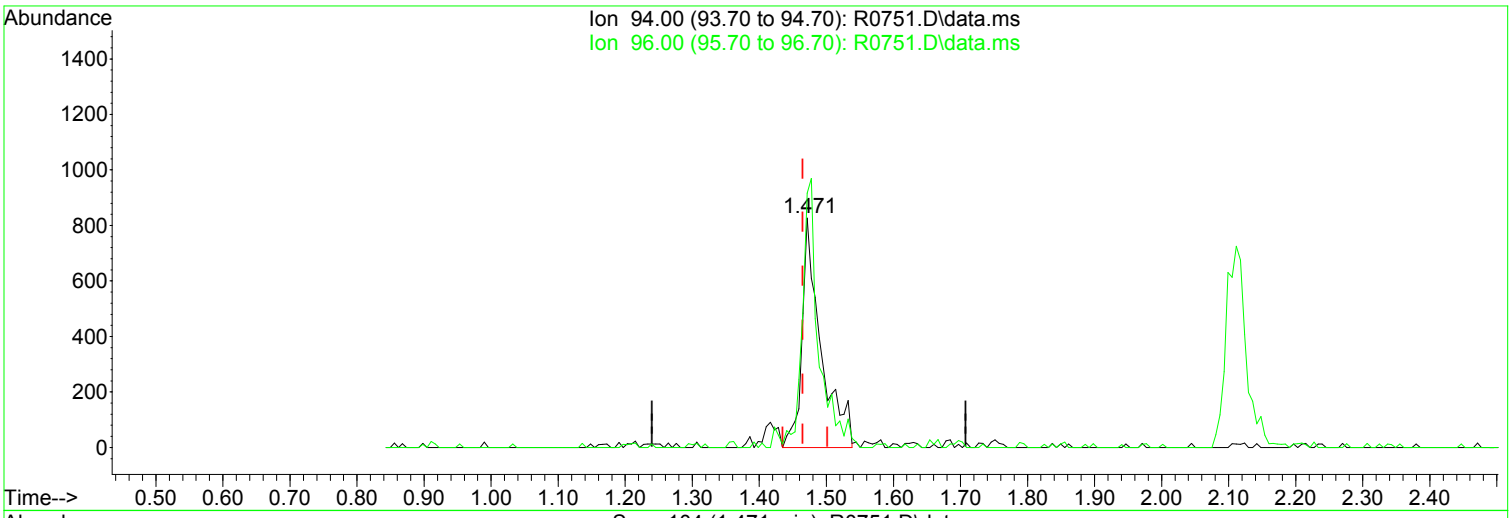
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(6) Bromomethane (P)

1.471min (+ 0.006) 0.74 ug/L m

response 1635

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	110.90
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

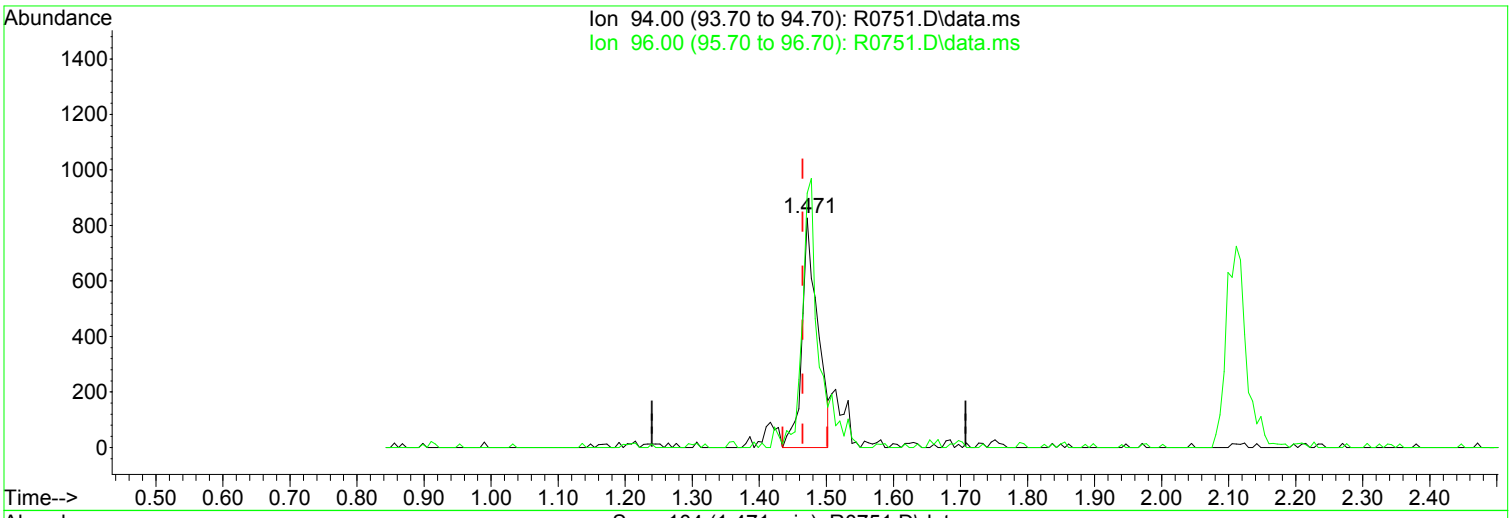
Split Peak.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(6) Bromomethane (P)

1.471min (+ 0.006) 0.60 ug/L

response 1334

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	110.90
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

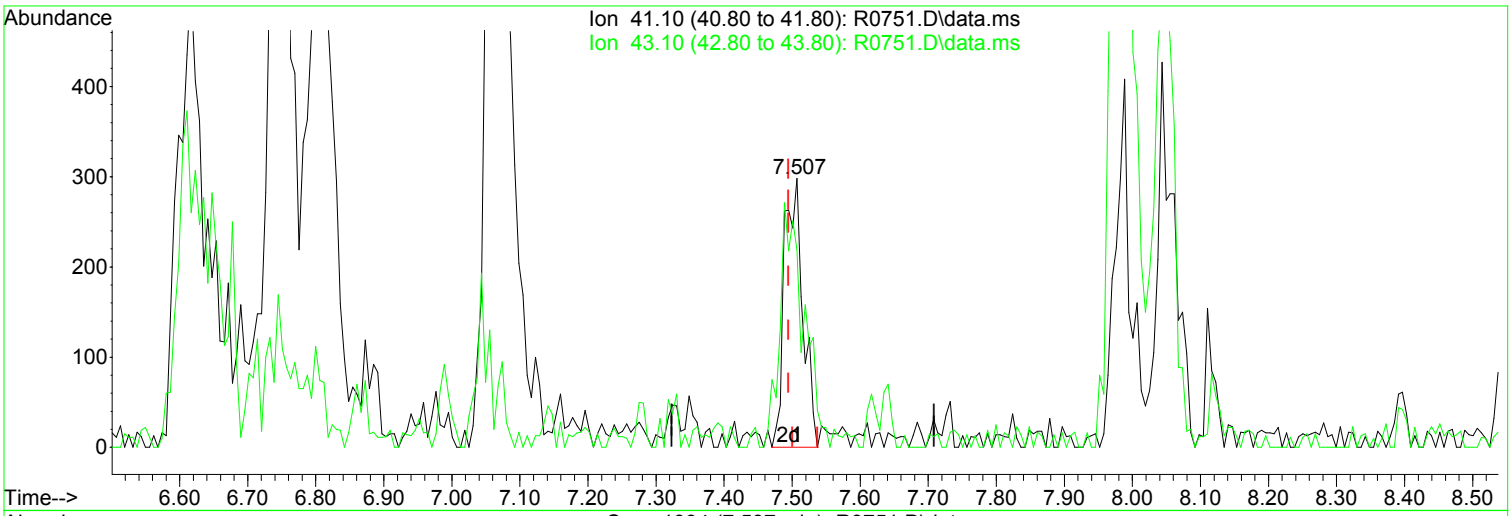
Before

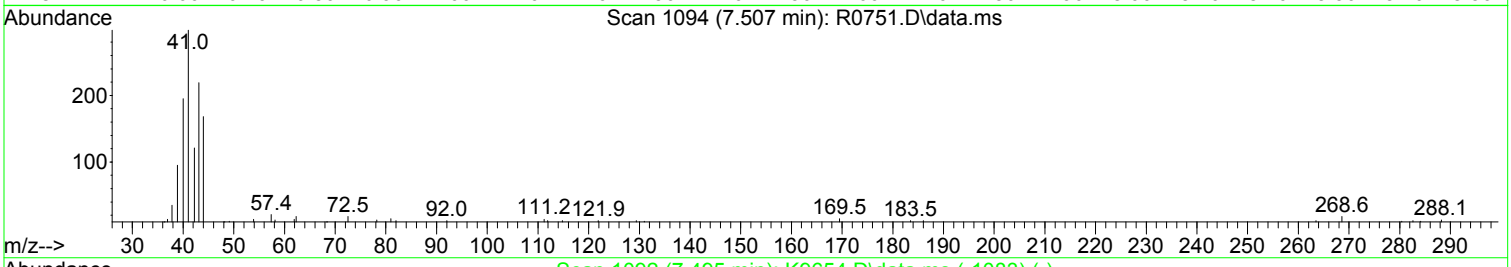
03/13/25

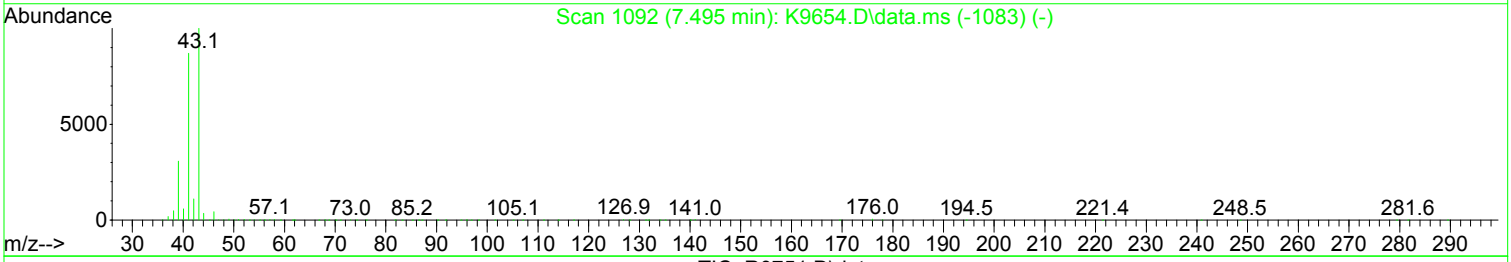
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(60) 2-Nitropropane

7.507min (+ 0.012) 0.74 ug/L m

response 569

Ion	Exp%	Act%
41.10	100.00	100.00
43.10	114.90	73.49#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

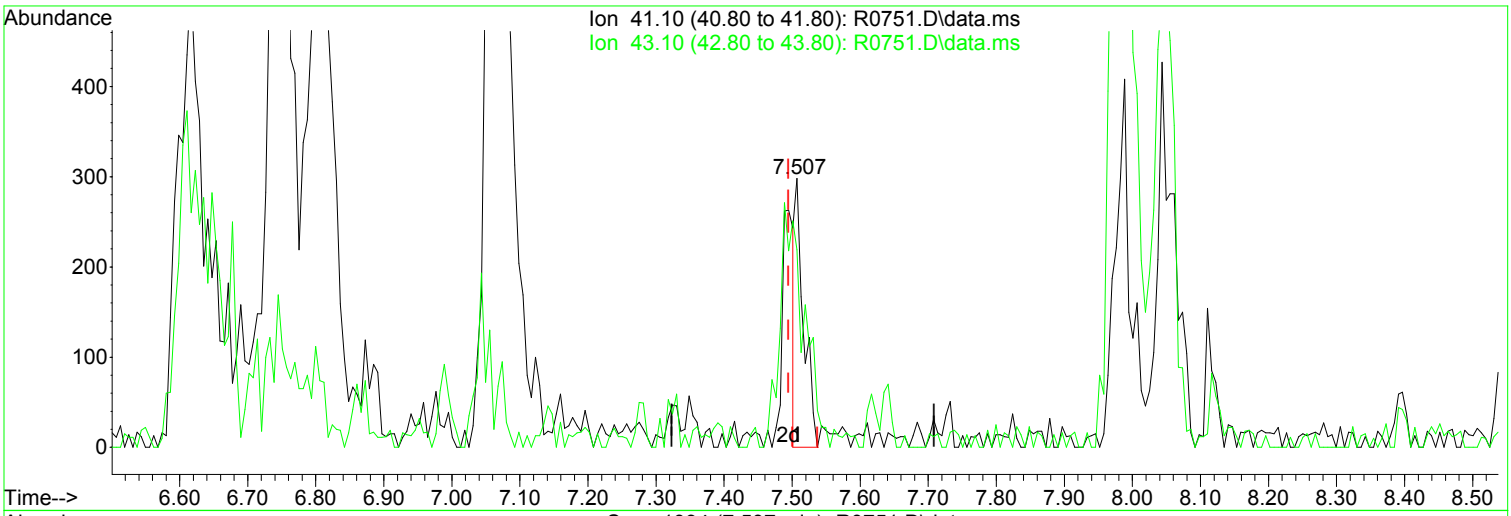
Split Peak.

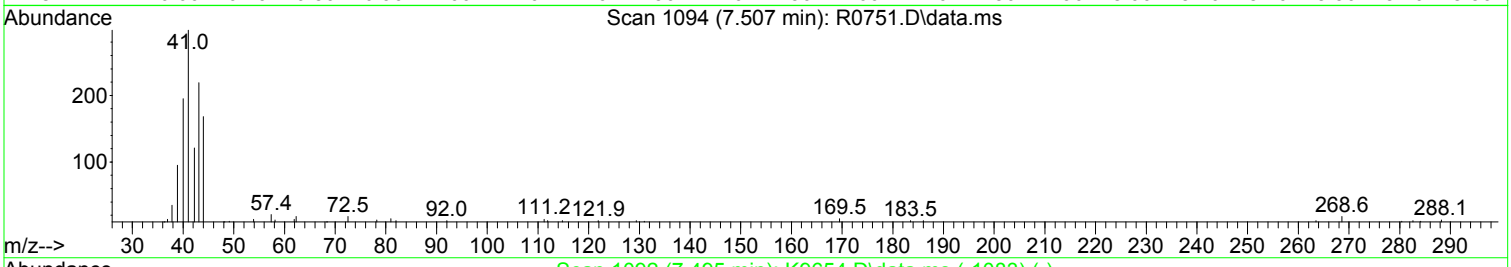
03/13/25

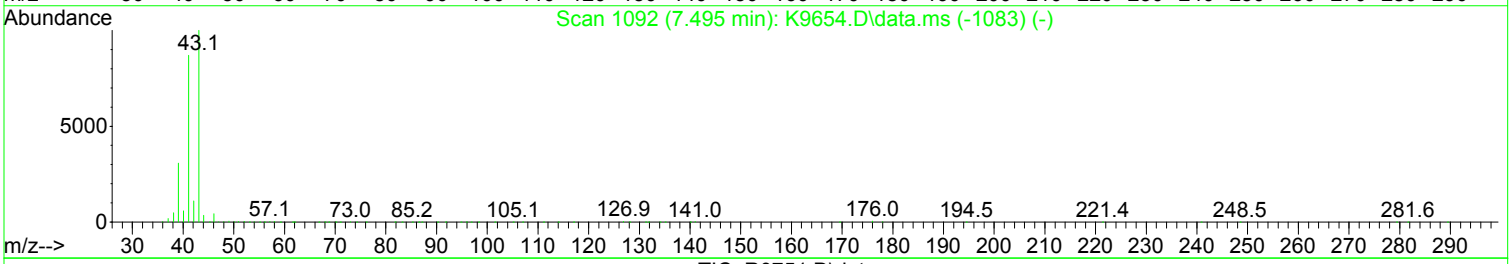
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(60) 2-Nitropropane

7.507min (+ 0.012) 0.34 ug/L

response 263

Ion	Exp%	Act%
41.10	100.00	100.00
43.10	114.90	73.49#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

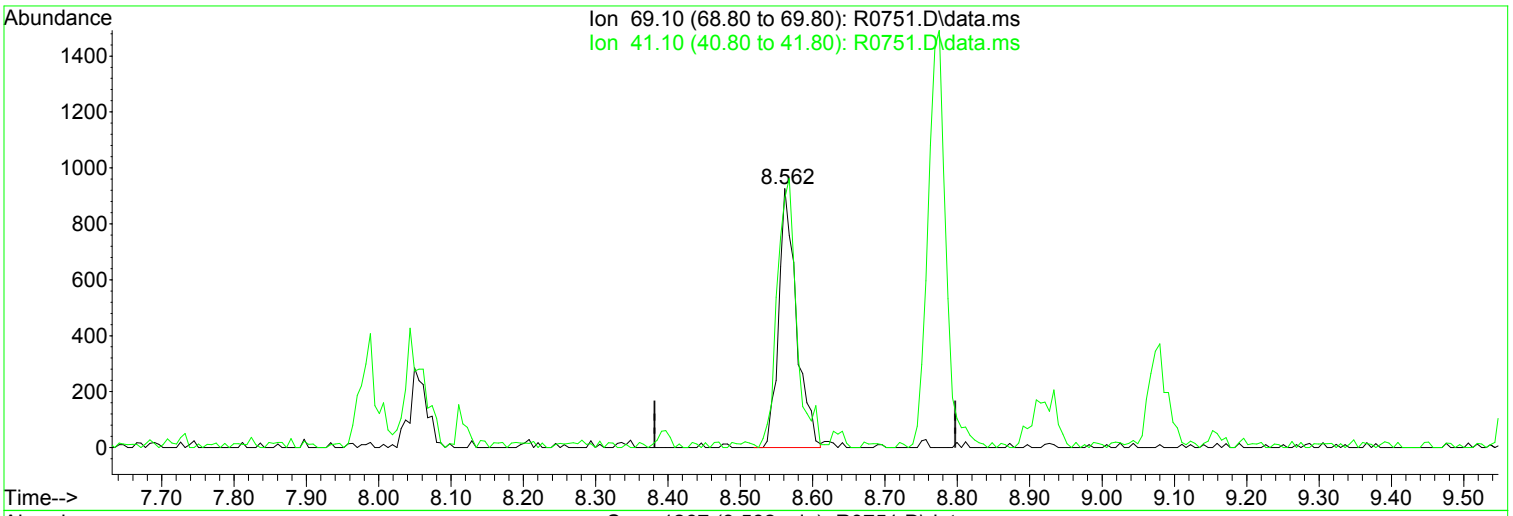
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(67) Ethyl Methacrylate

8.562min (+ 0.000) 0.37 ug/L m

response 1577

Ion	Exp%	Act%
69.10	100.00	100.00
41.10	87.30	96.33
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

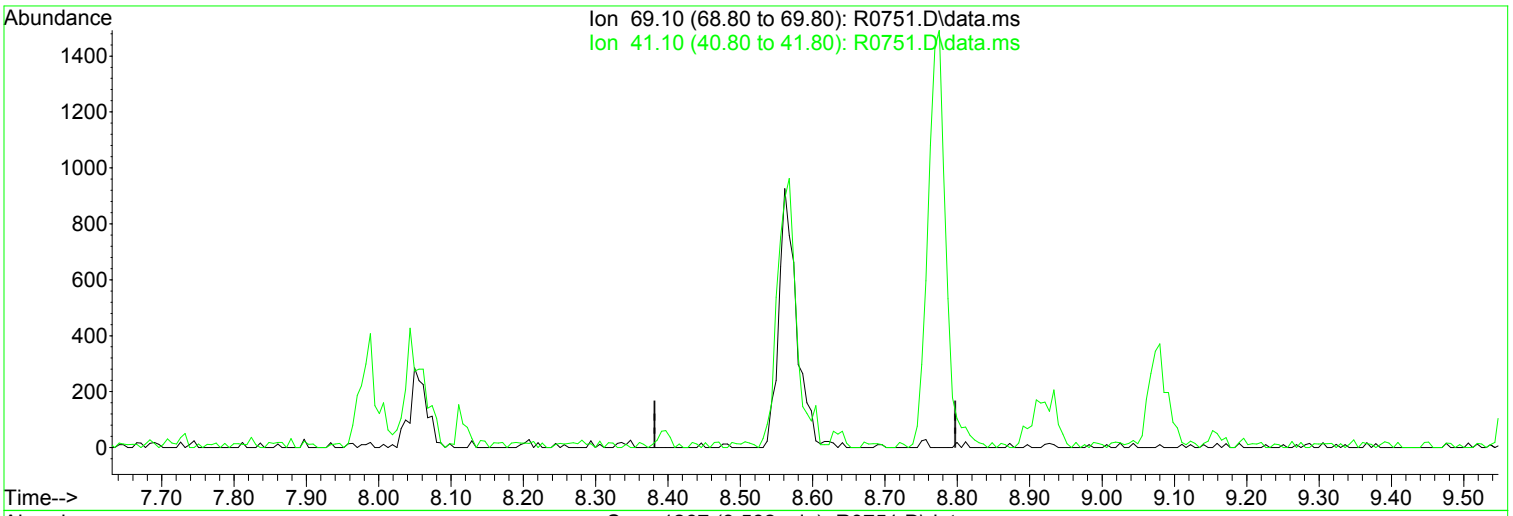
Peak not found.

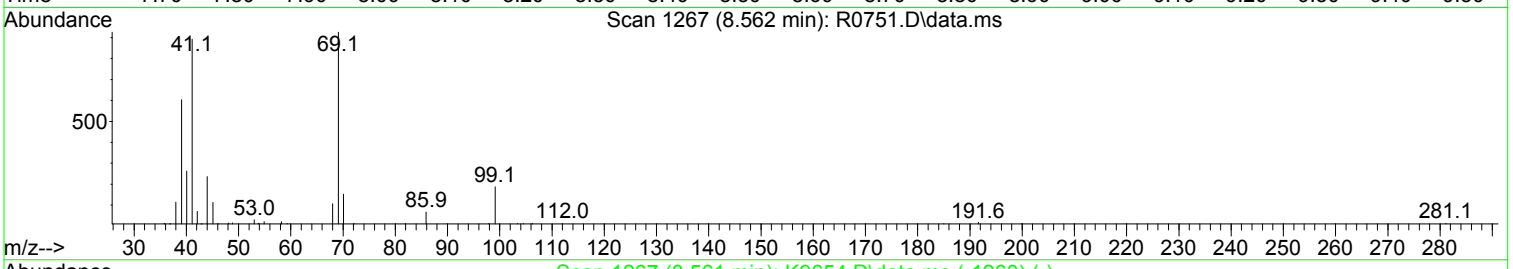
03/13/25

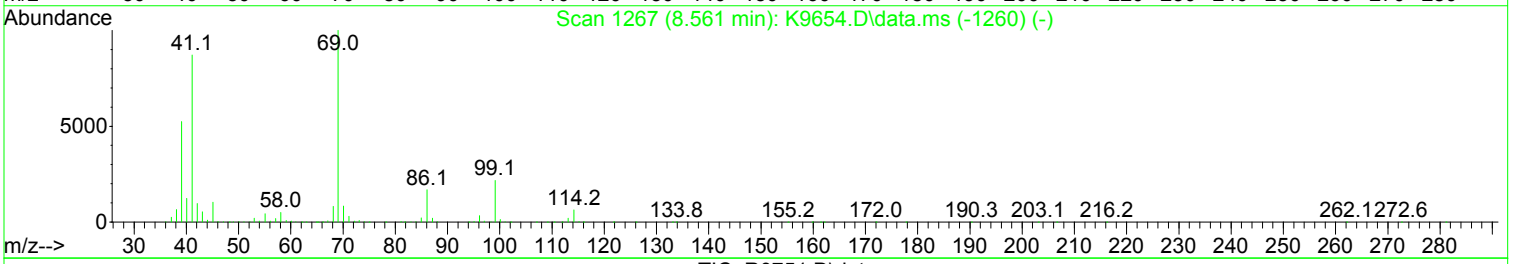
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(67) Ethyl Methacrylate

8.561min (-8.561) 0.00 ug/L

response 0

Ion	Exp%	Act%
69.10	100.00	0.00
41.10	87.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

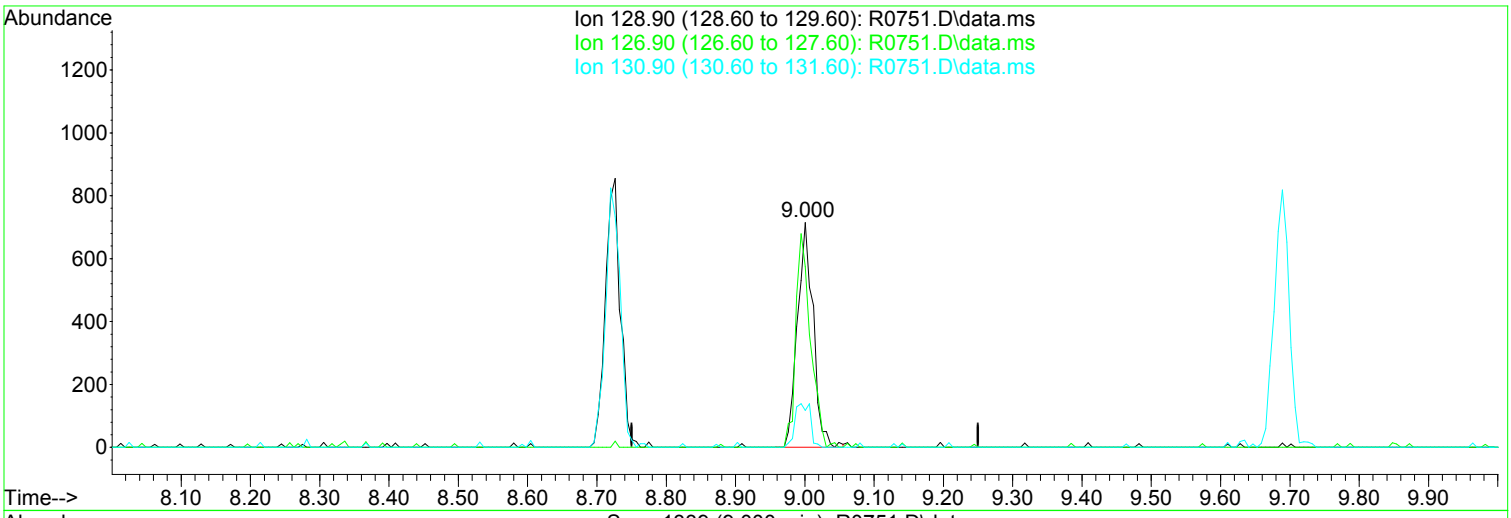
Before

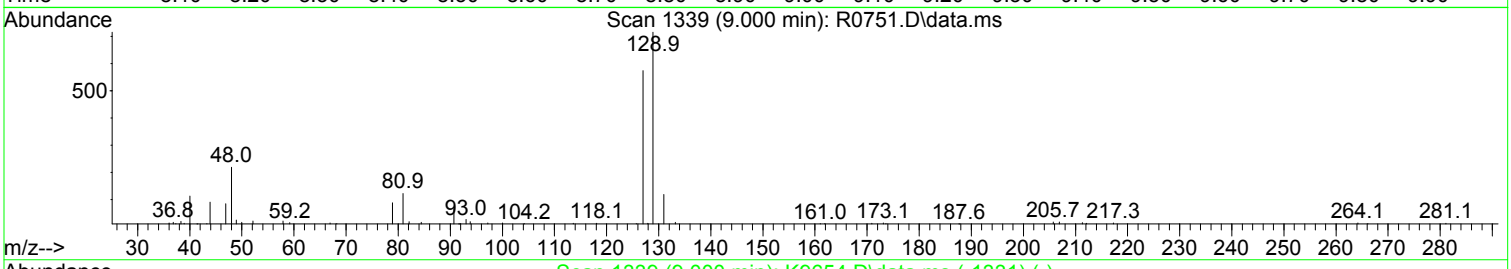
03/13/25

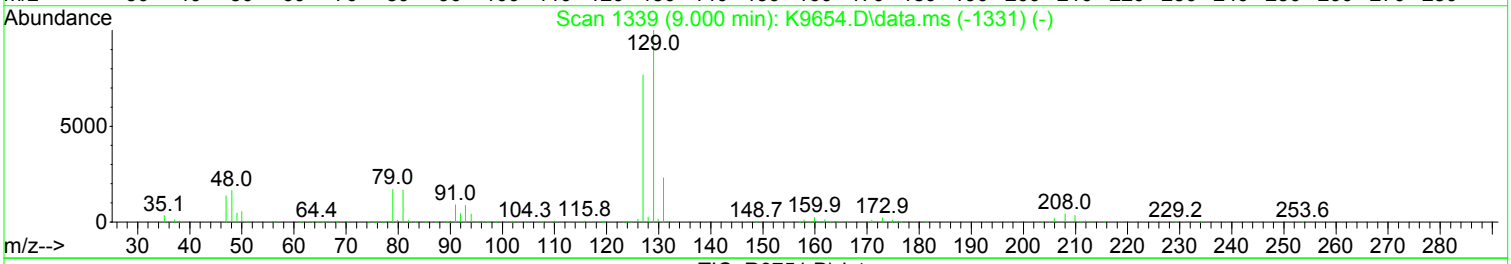
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(74) Dibromochloromethane (P)

9.000min (+ 0.000) 0.39 ug/L m

response 1129

Ion	Exp%	Act%
128.90	100.00	100.00
126.90	76.80	80.28
130.90	23.10	16.50
0.00	0.00	0.00

Manual Integration:

After

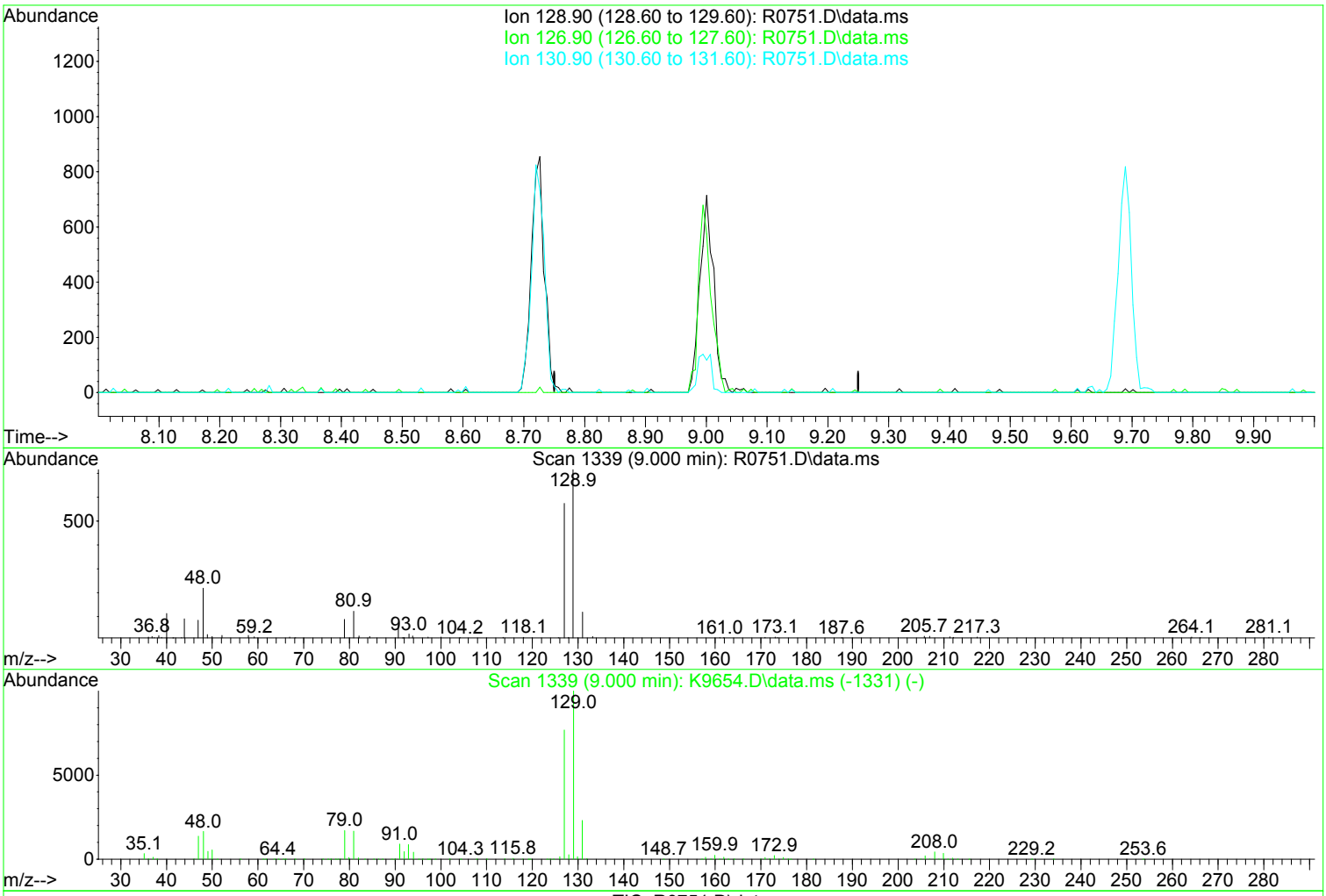
Peak not found.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(74) Dibromochloromethane (P)

9.000min (-9.000) 0.00 ug/L

response 0

Ion	Exp%	Act%
128.90	100.00	0.00
126.90	76.80	0.00#
130.90	23.10	0.00#
0.00	0.00	0.00

Manual Integration:

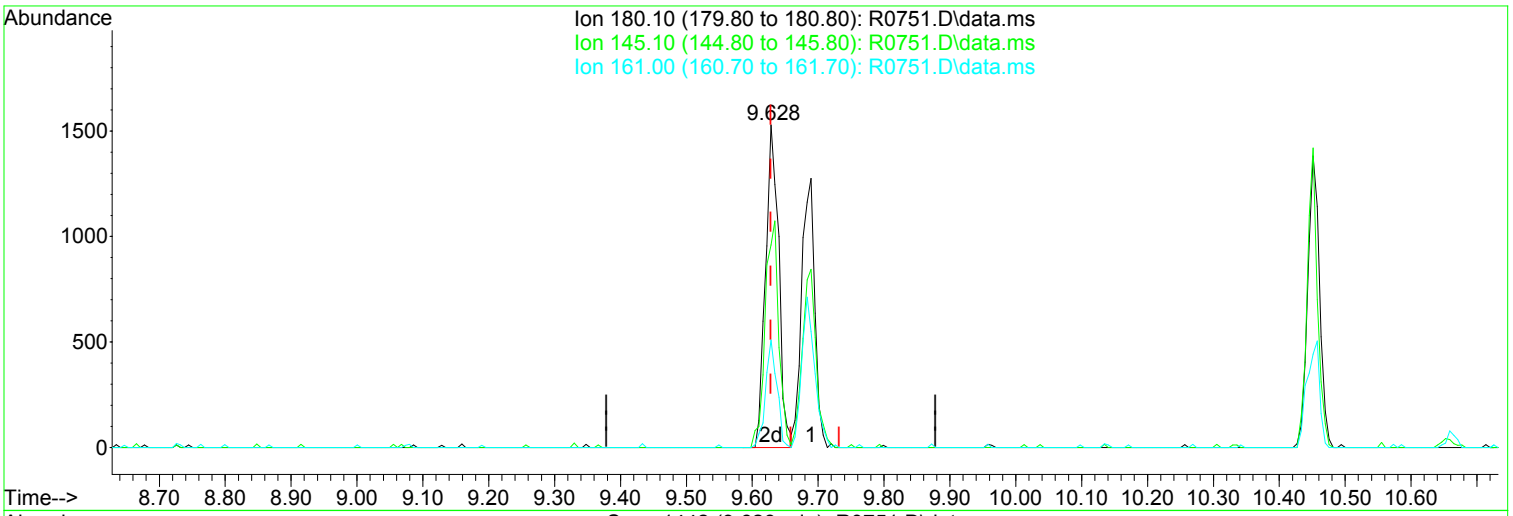
Before

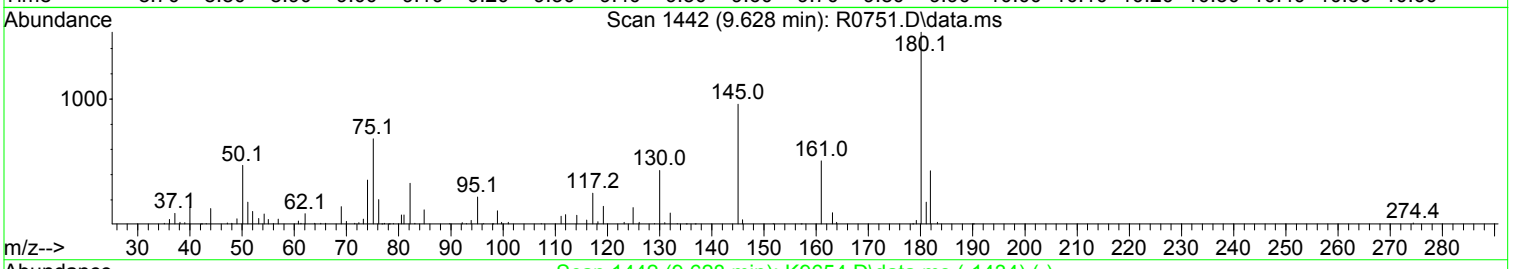
03/13/25

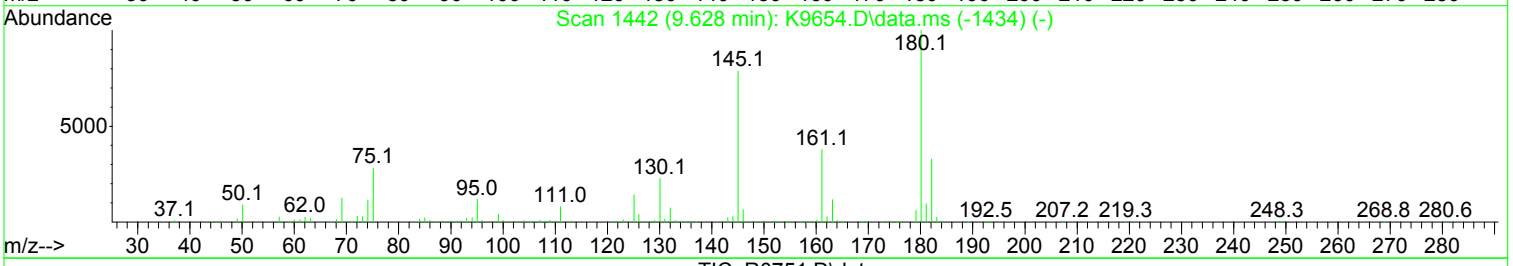
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(77) 3-Chlorobenzotrifluoride

9.628min (+ 0.000) 0.53 ug/L m

response 2140

Ion	Exp%	Act%
180.10	100.00	100.00
145.10	78.80	62.72#
161.00	37.90	33.29
0.00	0.00	0.00

Manual Integration:

After

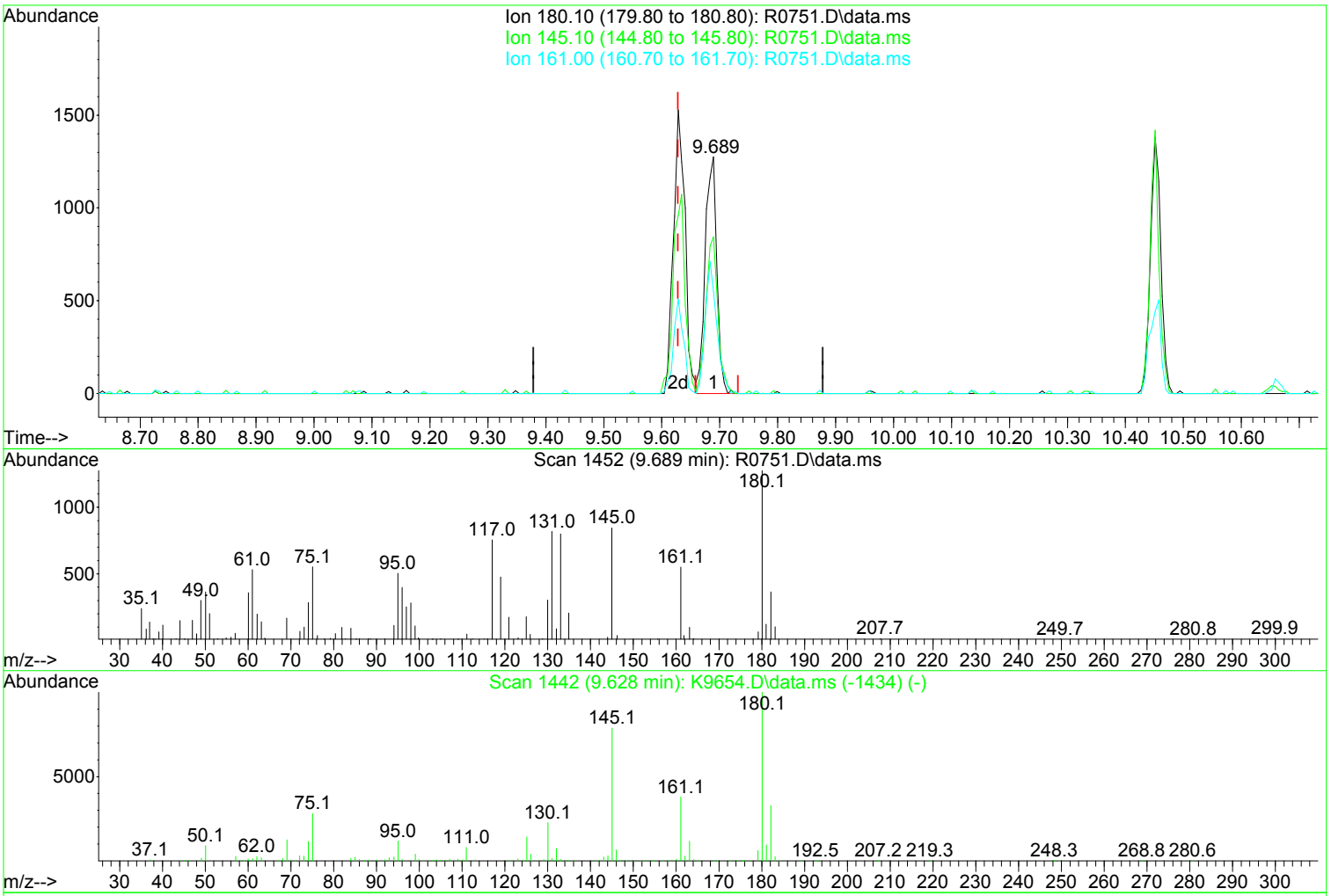
Wrong peak selected.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0751.D\data.ms

(77) 3-Chlorobenzotrifluoride

9.689min (+ 0.061) 0.44 ug/L

response 1776

Ion	Exp%	Act%
180.10	100.00	100.00
145.10	78.80	66.27
161.00	37.90	43.14
0.00	0.00	0.00

Manual Integration:

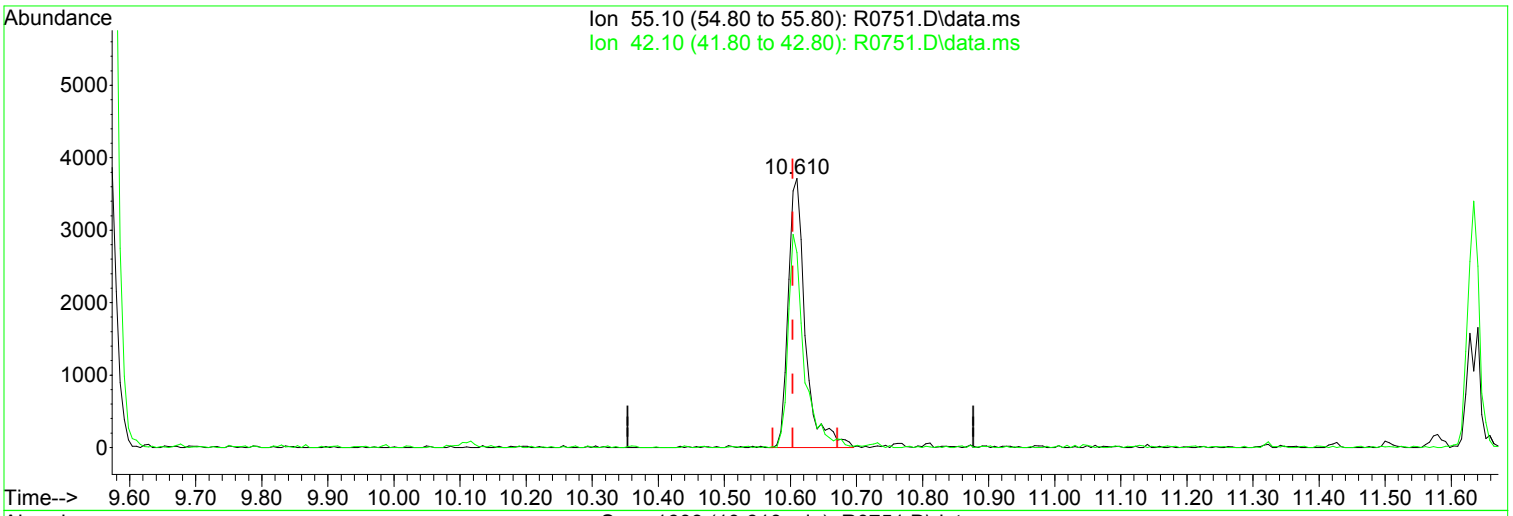
Before

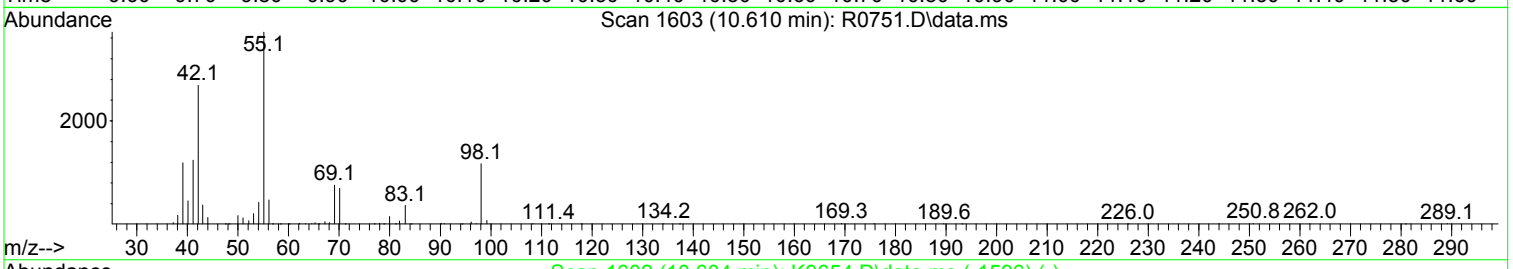
03/13/25

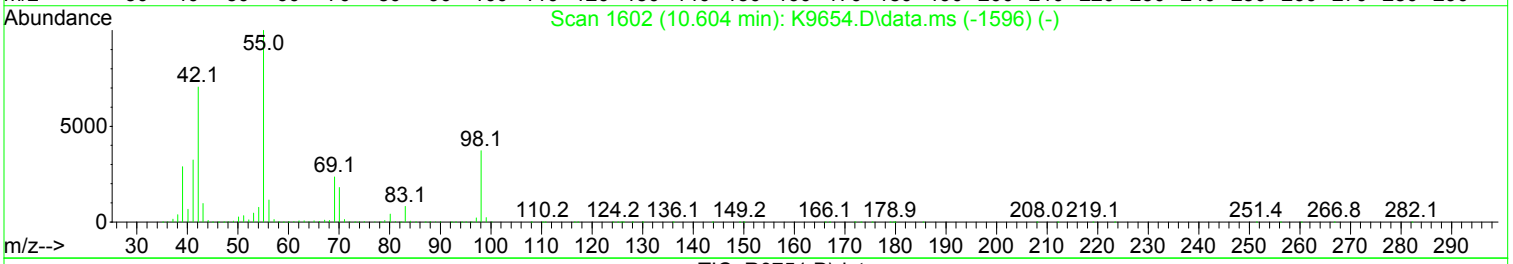
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(88) Cyclohexanone

10.610min (+ 0.006) 5.95 ug/L m

response 6720

Ion	Exp%	Act%
55.10	100.00	100.00
42.10	70.50	72.39
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

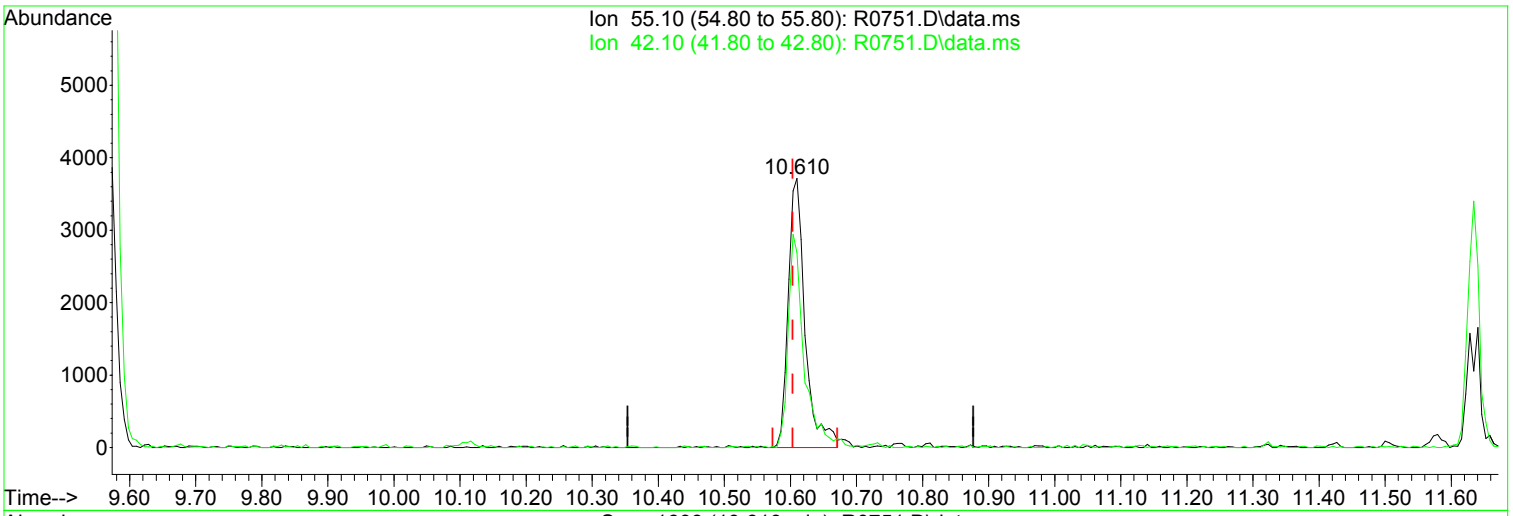
Poor integration.

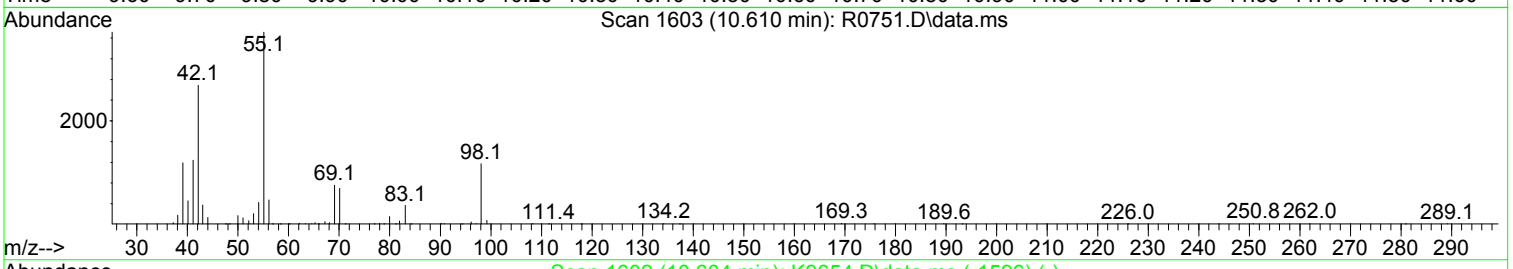
03/13/25

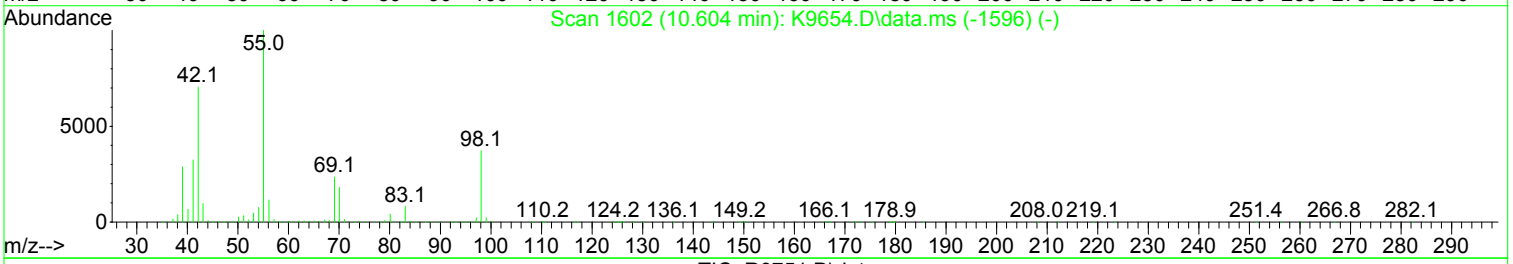
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0751.D\data.ms

(88) Cyclohexanone

10.610min (+ 0.006) 5.85 ug/L

response 6608

Ion	Exp%	Act%
55.10	100.00	100.00
42.10	70.50	72.39
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.001	168	319196	50.00	ug/L		0.01
42) 1,4-Difluorobenzene	6.178	114	532017	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.567	117	441068	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	199383	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.830	113	34006	9.59	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 19.18%#				
47) surr1,1,2-dichloroetha...	5.428	65	51711	10.33	ug/L		0.01
Spiked Amount 50.000	Range 73 - 125		Recovery = 20.66%#				
64) SURR3,Toluene-d8	8.049	98	127542	10.25	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 20.50%#				
69) SURR2,BFB	10.659	95	46990	9.90	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 19.80%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.087	51	1976	0.559	ug/L		76
3) Dichlorodifluoromethane	1.075	85	1754m	0.515	ug/L		
4) Chloromethane	1.215	50	3065	0.583	ug/L		82
5) Vinyl Chloride	1.264	62	1892m	0.468	ug/L		
6) Bromomethane	1.471	94	1635m	0.741	ug/L		
7) Chloroethane	1.544	64	1483	0.609	ug/L		99
8) Freon 21	1.679	67	2498	0.461	ug/L		77
9) Trichlorofluoromethane	1.721	101	2641	0.494	ug/L		86
10) Diethyl Ether	1.941	59	1912	0.501	ug/L	#	80
11) Freon 123a	1.941	67	1670m	0.505	ug/L		
12) Freon 123	1.990	83	1855	0.462	ug/L		88
13) Acrolein	2.032	56	2689	2.362	ug/L		82
14) 1,1-Diclethene	2.111	96	1521	0.537	ug/L	#	79
15) Freon 113	2.111	101	1499	0.499	ug/L		93
16) Acetone	2.160	43	1855	0.674	ug/L		94
17) 2-Propanol	2.288	45	3974m	9.455	ug/L		
19) Carbon Disulfide	2.282	76	2942	0.430	ug/L		98
20) Acetonitrile/Allyl Chl...	2.410	41	4747	2.975	ug/L		89
21) Methyl Acetate	2.441	43	2069	0.481	ug/L		92
22) Methylene Chloride	2.526	84	1720m	0.539	ug/L		
23) TBA	2.654	59	5461m	9.272	ug/L		
24) Acrylonitrile	2.770	53	5858	2.439	ug/L		95
25) Methyl-t-Butyl Ether	2.806	73	4687	0.484	ug/L		94
26) trans-1,2-Dichloroethene	2.788	96	1549	0.509	ug/L	#	71
27) 1,1-Diclethane	3.251	63	2988	0.458	ug/L		99
28) Vinyl Acetate	3.349	86	128m	0.204	ug/L		
29) DIPE	3.367	45	6659	0.471	ug/L		93
30) 2-Chloro-1,3-Butadiene	3.355	53	3939	0.509	ug/L		84
31) ETBE	3.849	59	5652m	0.451	ug/L		
32) 2,2-Dichloropropane	4.007	77	1561m	0.404	ug/L		
33) cis-1,2-Dichloroethene	4.026	96	1646	0.490	ug/L		95
34) 2-Butanone	4.093	43	1492	0.468	ug/L		81
35) Propionitrile	4.178	54	2256	2.322	ug/L		95
36) Bromochloromethane	4.404	130	1066m	0.461	ug/L		
37) Methacrylonitrile	4.410	67	752	0.430	ug/L	#	49
38) Tetrahydrofuran	4.513	42	1126	0.583	ug/L		87
39) Chloroform	4.562	83	3104	0.529	ug/L		84
40) 1,1,1-Trichloroethane	4.830	97	2303	0.475	ug/L		89
41) TAME	5.782	73	3900m	0.477	ug/L		

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Cyclohexane	4.928	41	1856m	0.475	ug/L		
45) Carbontetrachloride	5.129	117	2124	0.506	ug/L	#	66
46) 1,1-Dichloropropene	5.154	75	2334	0.562	ug/L		81
48) Benzene	5.501	78	6063	0.513	ug/L		78
49) 1,2-Dichloroethane	5.556	62	3391	0.549	ug/L		99
50) Iso-Butyl Alcohol	5.580	43	2005	7.425	ug/L	#	75
51) n-Heptane	6.025	43	3233	0.521	ug/L		77
52) 1-Butanol	6.611	56	1970m	12.411	ug/L		
53) Trichloroethene	6.513	130	1871	0.539	ug/L	#	79
54) Methylcyclohexane	6.751	55	3231	0.550	ug/L	#	70
55) 1,2-Diclpropane	6.800	63	1932	0.514	ug/L		81
56) Dibromomethane	6.946	93	917	0.439	ug/L		95
57) 1,4-Dioxane	7.062	88	510	8.790	ug/L	#	56
58) Methyl Methacrylate	7.062	69	937m	0.378	ug/L		
59) Bromodichloromethane	7.196	83	1751	0.454	ug/L		91
60) 2-Nitropropane	7.507	41	569m	0.736	ug/L		
62) cis-1,3-Dichloropropene	7.751	75	1591	0.381	ug/L		90
63) 4-Methyl-2-pentanone	7.988	43	2412	0.429	ug/L		95
65) Toluene	8.123	91	6470	0.499	ug/L		96
66) trans-1,3-Dichloropropene	8.421	75	1317	0.351	ug/L		90
67) Ethyl Methacrylate	8.562	69	1577m	0.373	ug/L		
68) 1,1,2-Trichloroethane	8.604	97	1386	0.454	ug/L		94
71) Tetrachloroethene	8.726	164	1301	0.533	ug/L		92
72) 2-Hexanone	8.915	43	1632	0.396	ug/L		94
73) 1,3-Dichloropropane	8.769	76	2578	0.514	ug/L		97
74) Dibromochloromethane	9.000	129	1129m	0.386	ug/L		
75) N-Butyl Acetate	9.074	43	2941	0.385	ug/L		90
76) 1,2-Dibromoethane	9.098	107	1444	0.463	ug/L		99
77) 3-Chlorobenzotrifluoride	9.628	180	2140m	0.525	ug/L		
78) Chlorobenzene	9.598	112	4603	0.531	ug/L		91
79) 4-Chlorobenzotrifluoride	9.689	180	1776	0.496	ug/L		93
80) 1,1,1,2-Tetrachloroethane	9.689	131	1236	0.422	ug/L	#	86
81) Ethylbenzene	9.720	106	2299	0.518	ug/L		95
82) (m+p)Xylene	9.836	106	5183	0.963	ug/L		93
83) o-Xylene	10.201	106	2607	0.489	ug/L		90
84) Styrene	10.214	104	4213	0.474	ug/L		92
85) Bromoform	10.366	173	618	0.382	ug/L		80
86) 2-Chlorobenzotrifluoride	10.451	180	1742	0.464	ug/L	#	81
87) Isopropylbenzene	10.537	105	6240	0.481	ug/L		98
88) Cyclohexanone	10.610	55	6720m	5.949	ug/L		
89) trans-1,4-Dichloro-2-B...	10.860	53	612	0.382	ug/L	#	46
91) 1,1,2,2-Tetrachloroethane	10.805	83	1943	0.500	ug/L		96
92) Bromobenzene	10.781	156	1620	0.511	ug/L	#	81
93) 1,2,3-Trichloropropane	10.829	110	742	0.529	ug/L		92
94) n-Propylbenzene	10.896	91	7660	0.516	ug/L		96
95) 2-Chlorotoluene	10.951	91	4695	0.529	ug/L		93
96) 3-Chlorotoluene	11.006	91	4969	0.544	ug/L		92
97) 4-Chlorotoluene	11.049	91	5561	0.536	ug/L		98
98) 1,3,5-Trimethylbenzene	11.049	105	5581	0.520	ug/L		97
99) tert-Butylbenzene	11.317	119	4707	0.500	ug/L		88
100) 1,2,4-Trimethylbenzene	11.360	105	5374	0.506	ug/L		97
101) 3,4-Dichlorobenzotrifl...	11.427	214	1250	0.527	ug/L	#	84
102) sec-Butylbenzene	11.500	105	6931	0.520	ug/L		97
103) p-Isopropyltoluene	11.628	119	5534	0.483	ug/L		94
104) 1,3-Dclbenz	11.579	146	3200	0.530	ug/L		88
105) 1,4-Dclbenz	11.659	146	3798	0.613	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

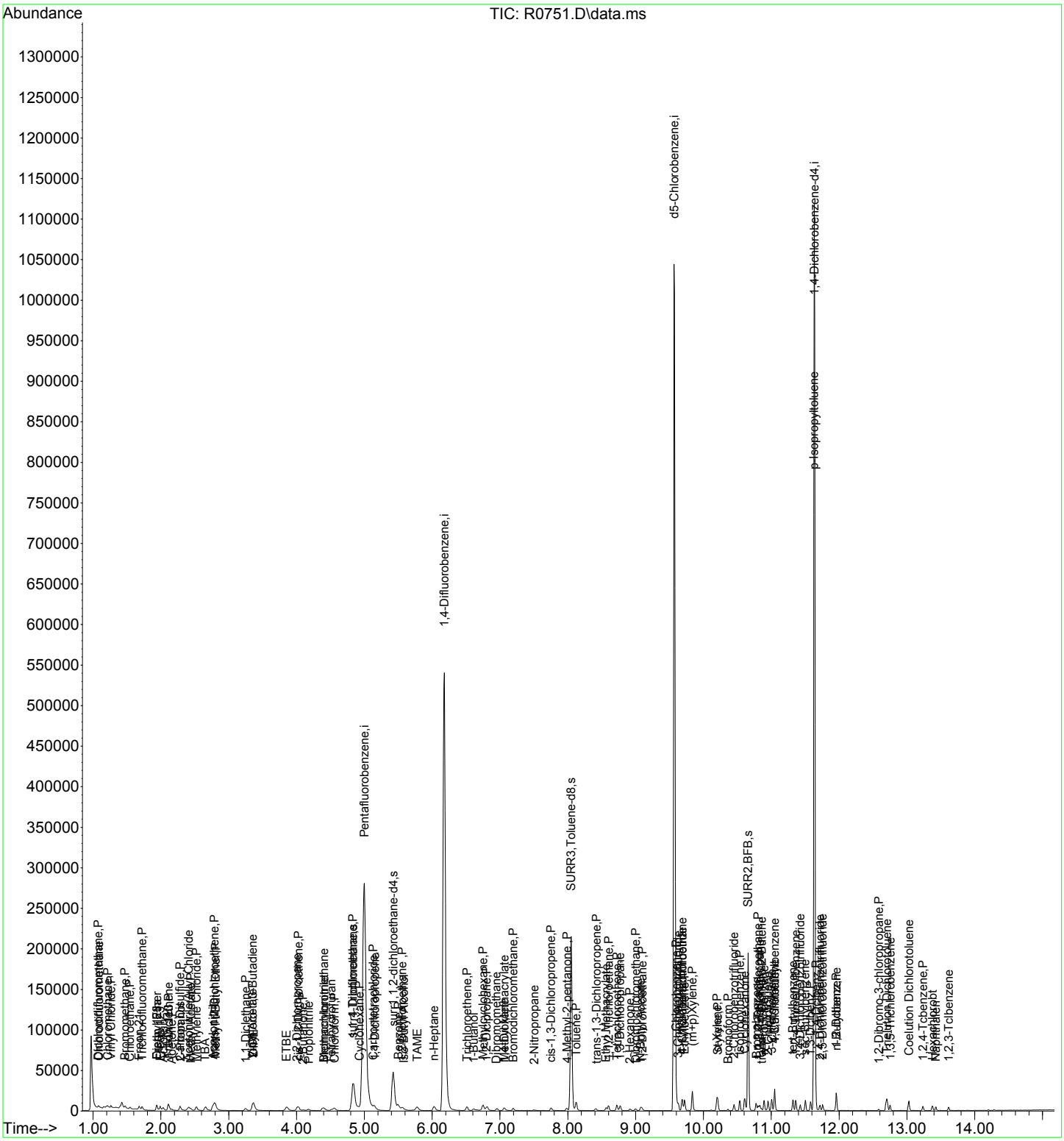
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
106) 2,4-Dichlorobenzotrifl...	11.719	214	1084	0.509	ug/L		91
107) 2,5-Dichlorobenzotrifl...	11.756	214	1051	0.445	ug/L		97
108) n-Butylbenzene	11.963	91	4440	0.455	ug/L		92
109) 1,2-Dclbenz	11.957	146	2980	0.509	ug/L		81
110) 1,2-Dibromo-3-chloropr...	12.585	157	296	0.407	ug/L	#	52
111) Trielution Dichlorotol...	12.707	125	6705	1.320	ug/L		93
112) 1,3,5-Trichlorobenzene	12.756	180	1700	0.478	ug/L		88
113) Coelution Dichlorotoluene	13.030	125	4065	0.784	ug/L		93
114) 1,2,4-Tcbenzene	13.238	180	1094	0.343	ug/L		84
115) Hexachlorobt	13.378	225	770	0.527	ug/L		97
116) Naphthalen	13.426	128	2759	0.266	ug/L		94
117) 1,2,3-Tclbenzene	13.615	180	1044	0.351	ug/L		93

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

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0751.D
Acq On : 12 Mar 2025 11:36 am
Operator : K.Ruest
Sample : 0.5ppbMRL
Misc : WATER ICAL
ALS Vial : 2 Sample Multiplier: 1

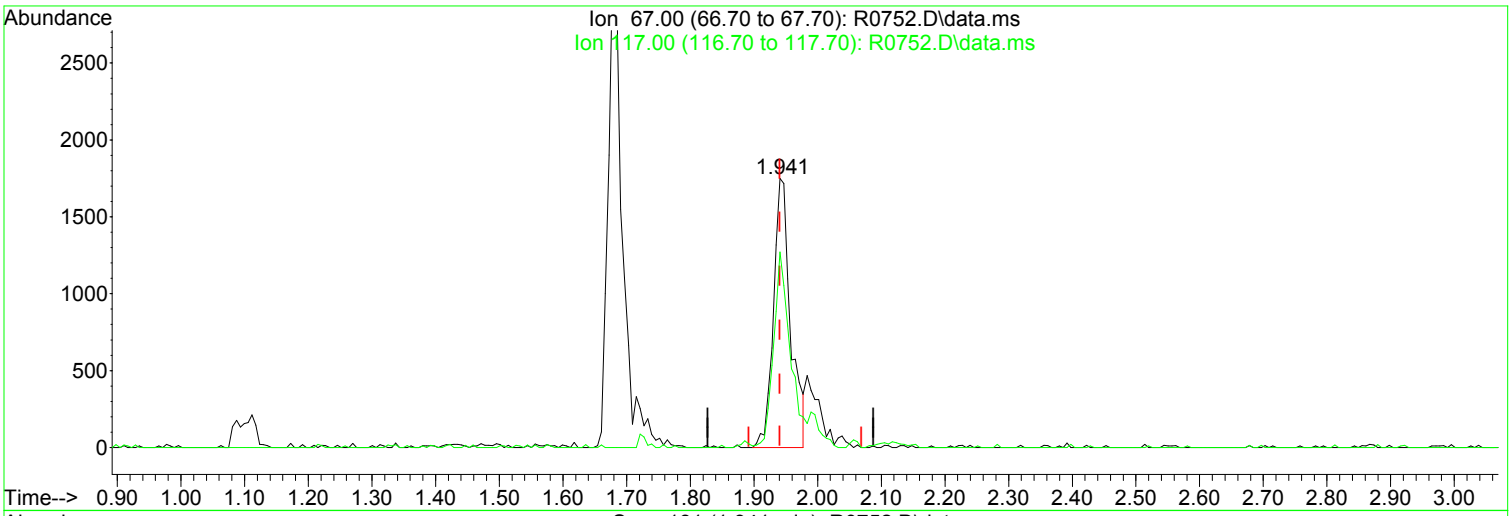
Quant Time: Mar 13 10:09:18 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

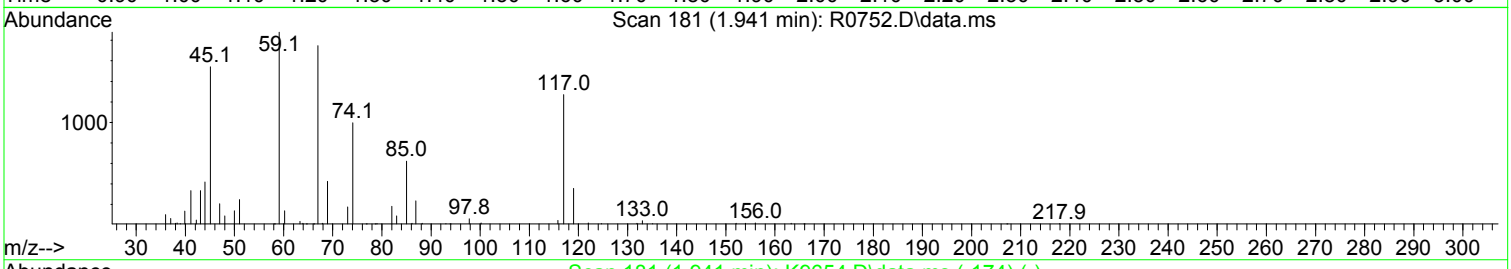


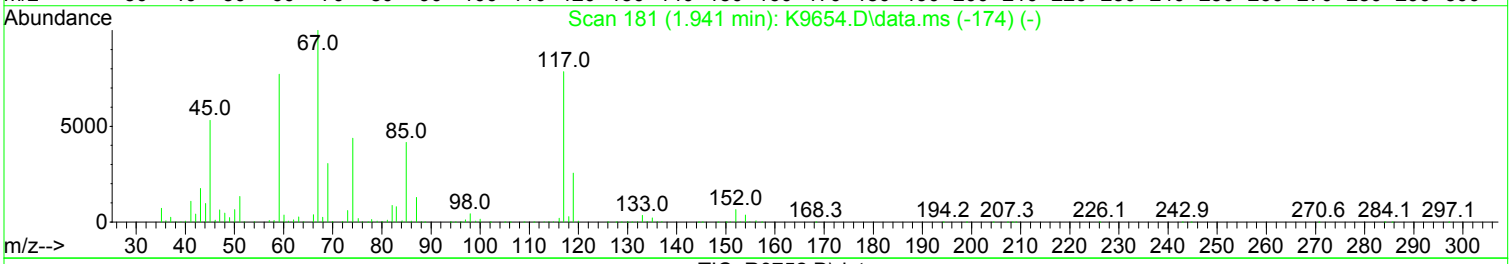
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(11) Freon 123a

1.941min (0.000) 1.01 ug/L m

response 3290

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	72.73
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

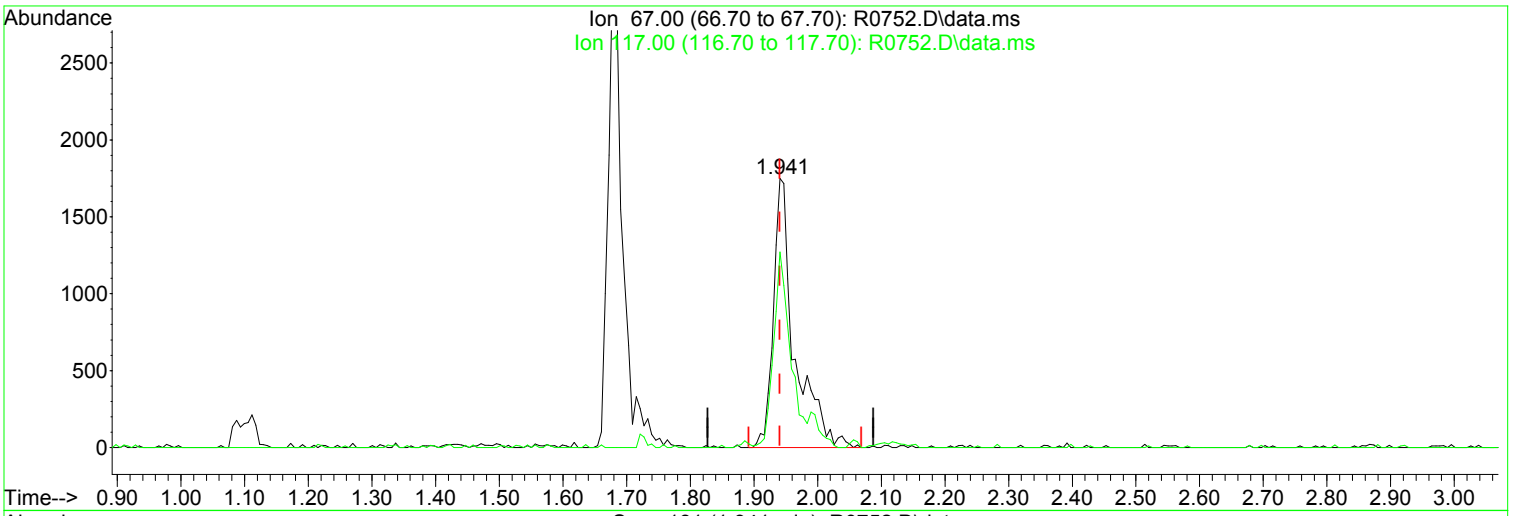
Poor integration.

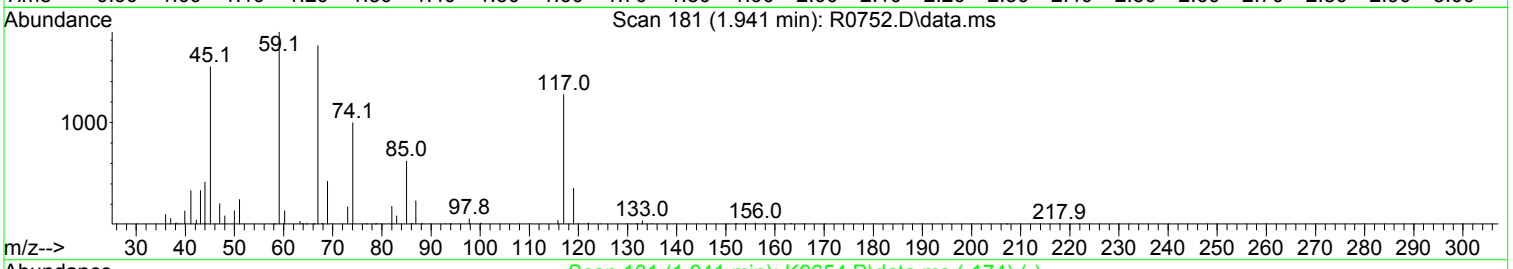
03/13/25

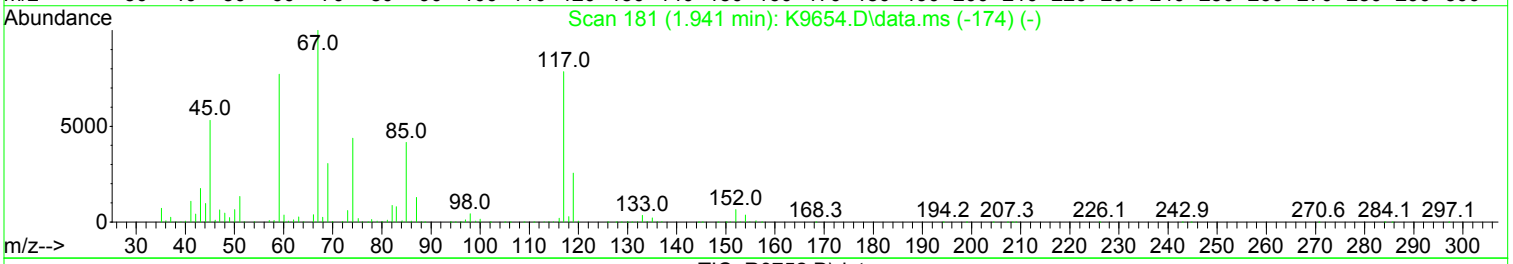
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(11) Freon 123a

1.941min (0.000) 1.24 ug/L

response 4049

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	72.73
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

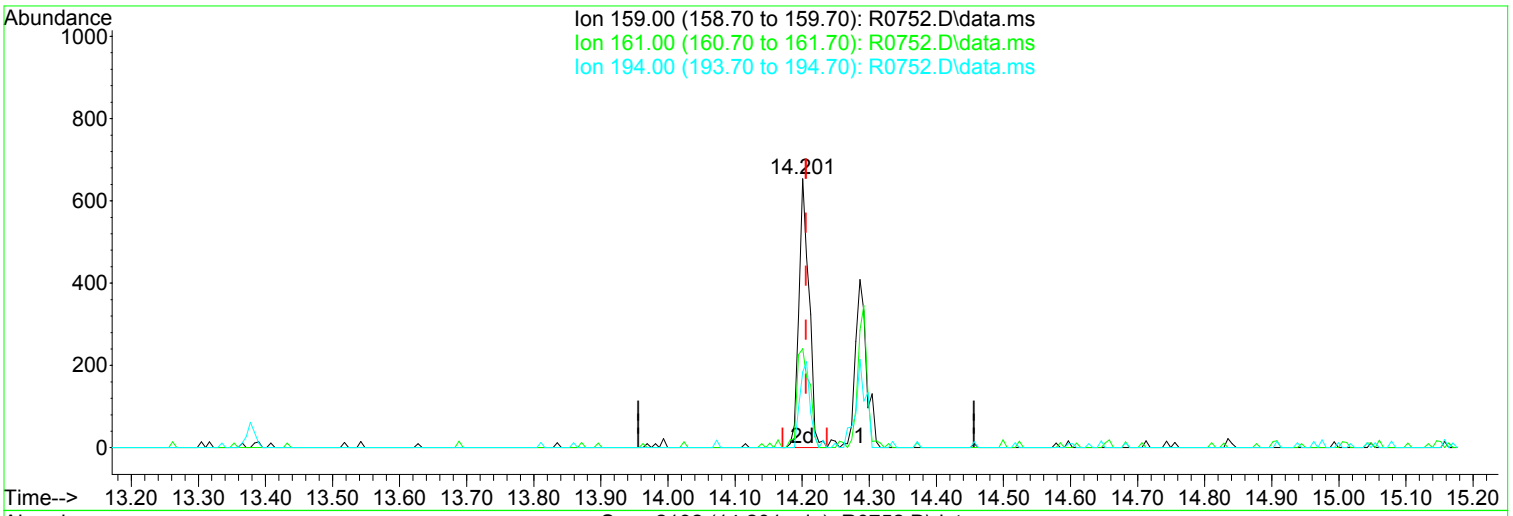
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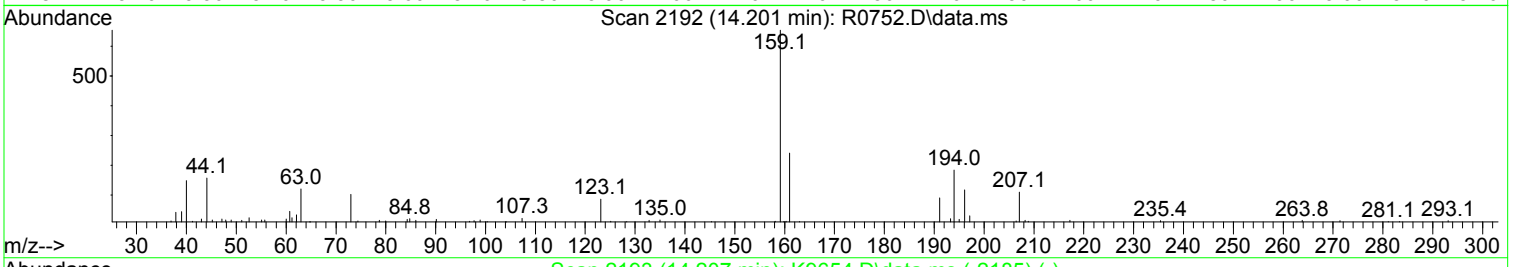
03/13/25

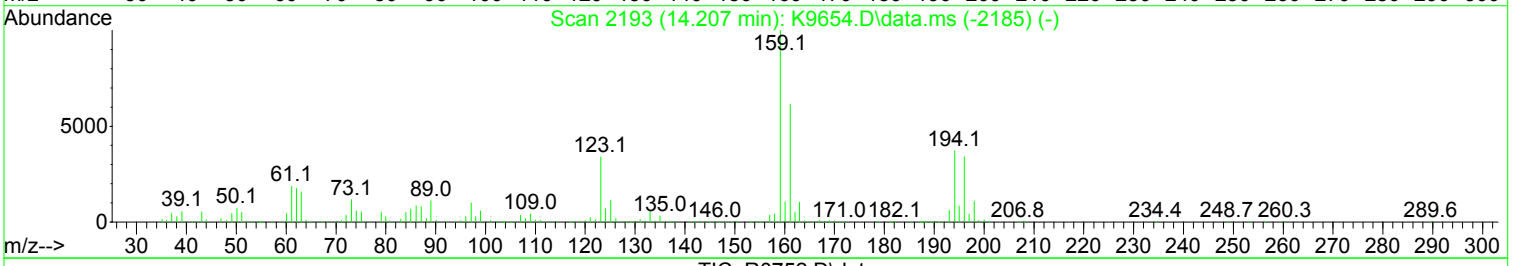
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.201min (-0.005) 0.39 ug/L m

response 695

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.40	36.85#
194.00	37.20	28.13
0.00	0.00	0.00

Manual Integration:

After

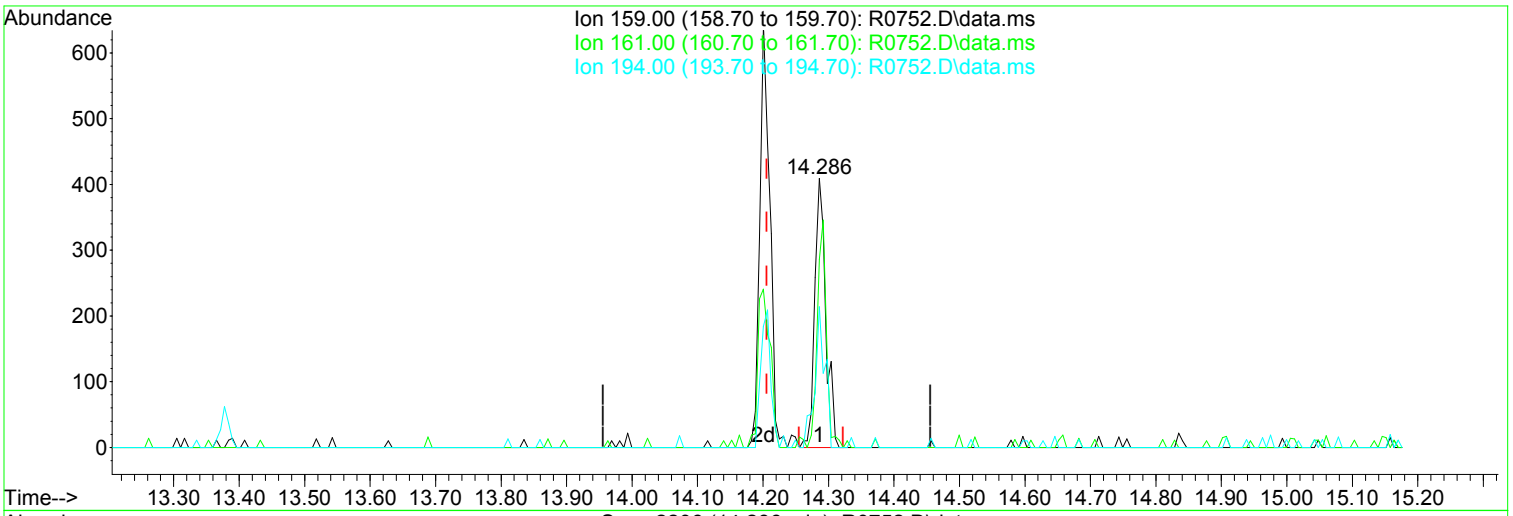
Wrong peak selected.

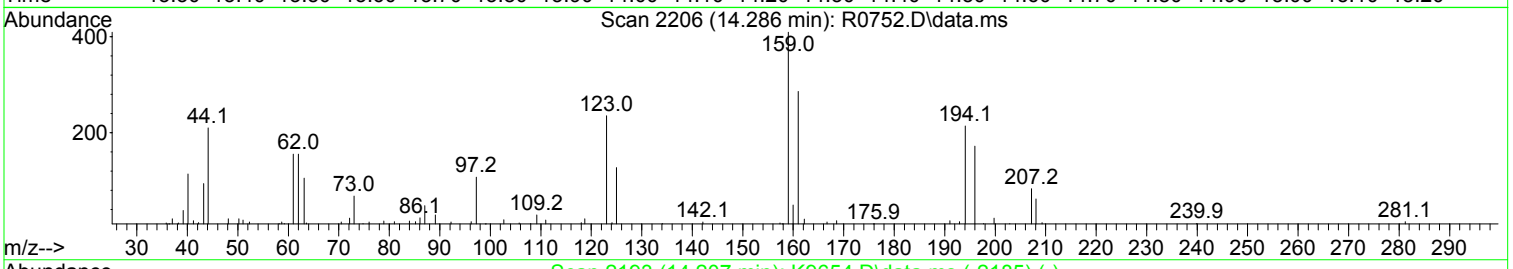
03/13/25

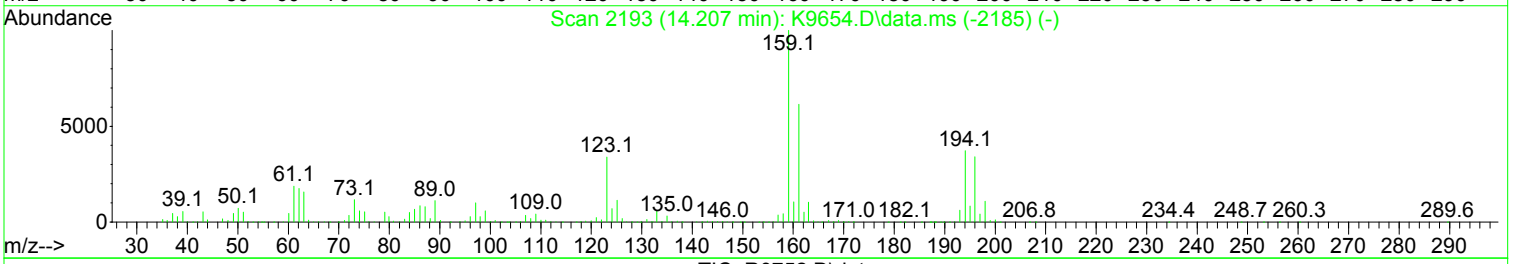
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(118) 2,4,5-Trichlorotoluene

14.286min (+ 0.080) 0.27 ug/L

response 482

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	61.40	69.93
194.00	37.20	52.32
0.00	0.00	0.00

Manual Integration:

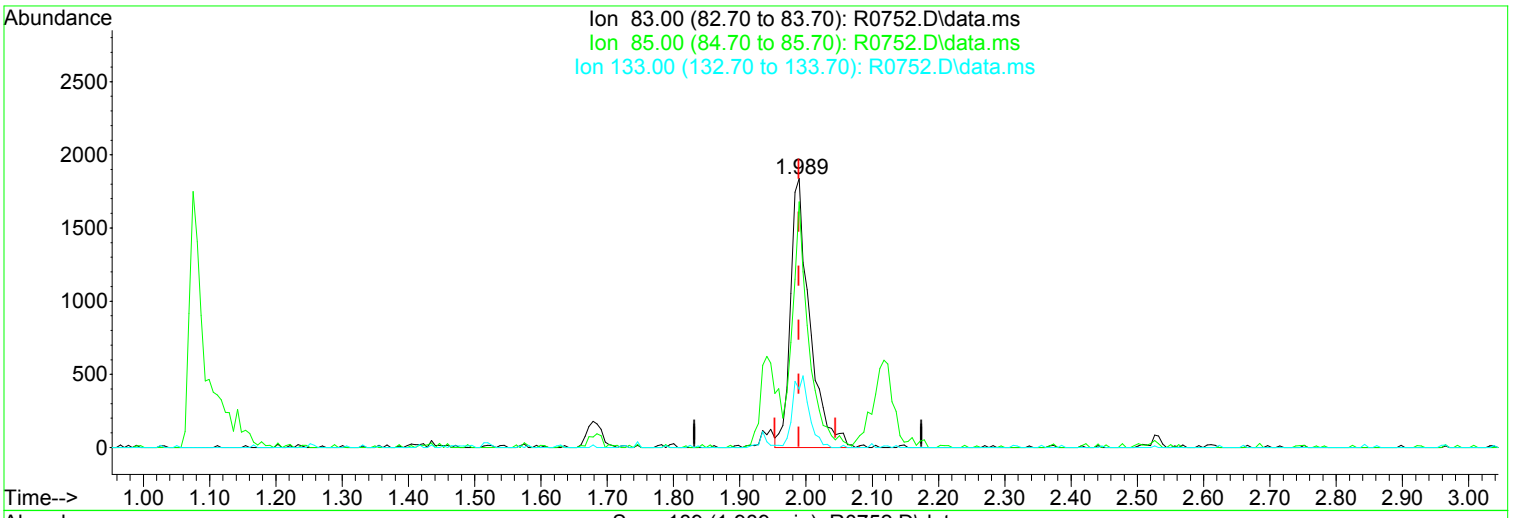
Before

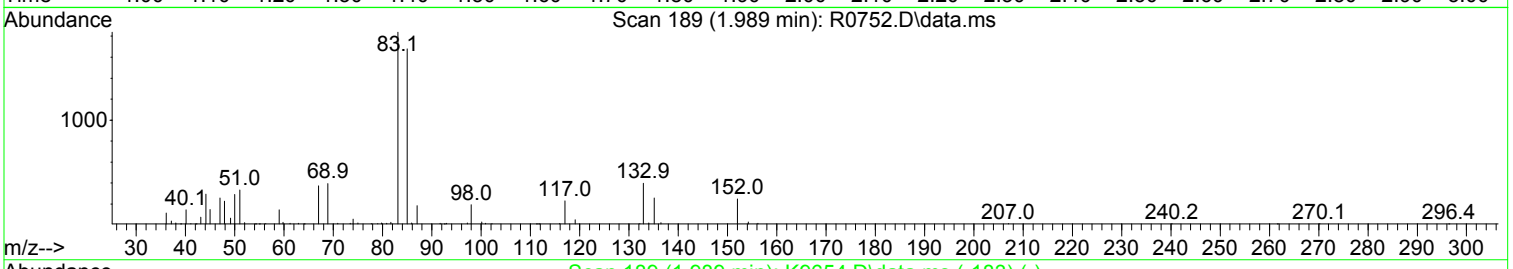
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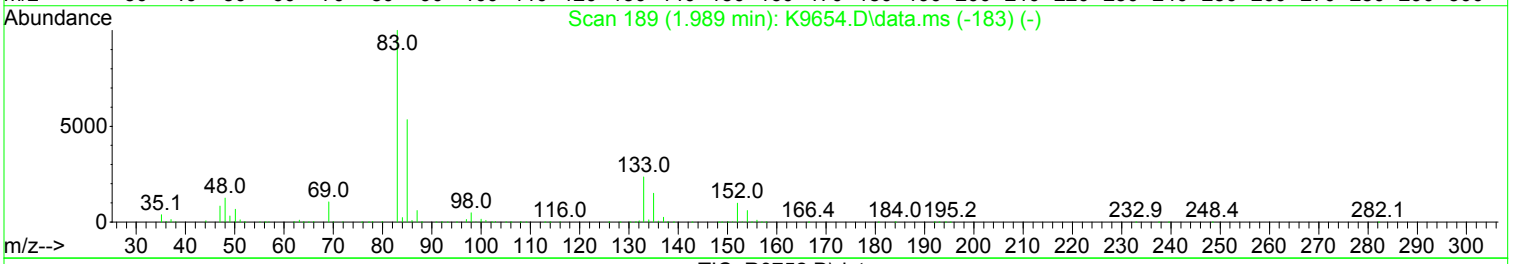
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(12) Freon 123

1.989min (-0.000) 0.94 ug/L m

response 3708

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	91.40#
133.00	24.30	21.60
0.00	0.00	0.00

Manual Integration:

After

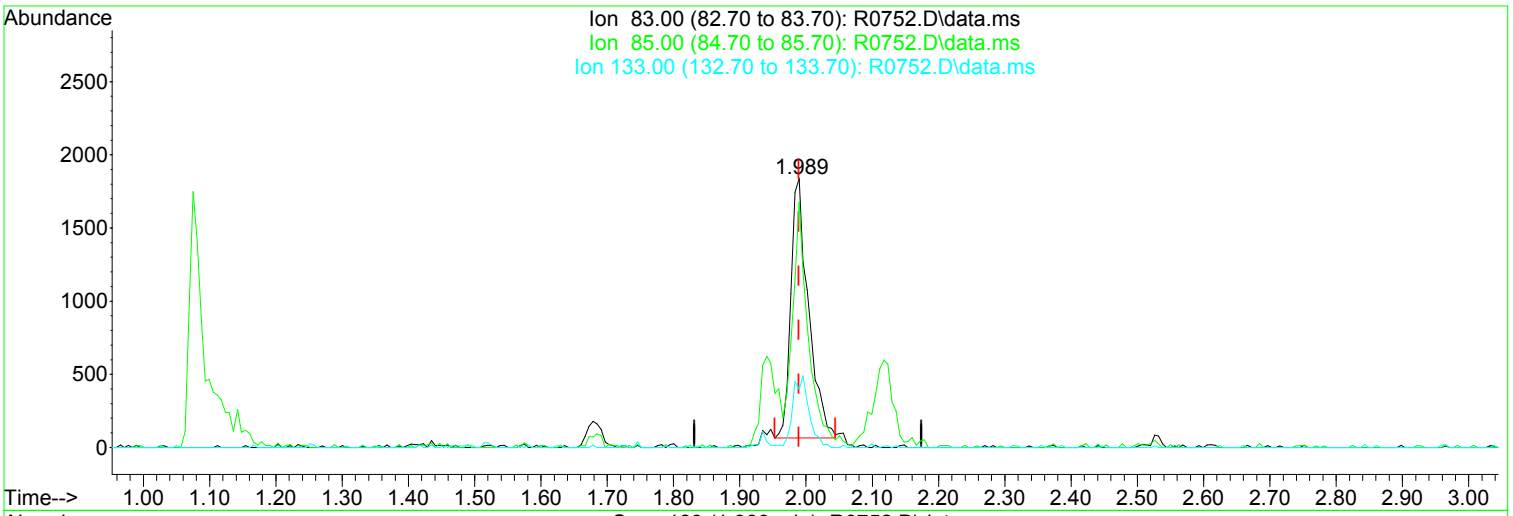
Poor integration.

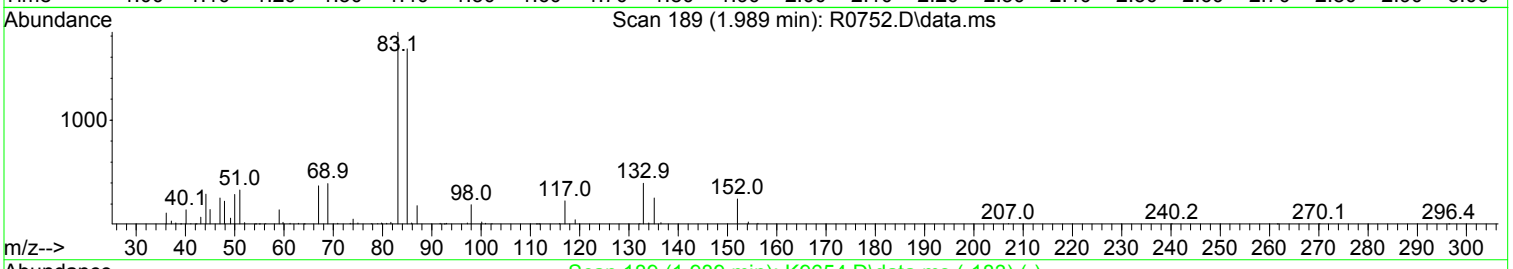
03/13/25

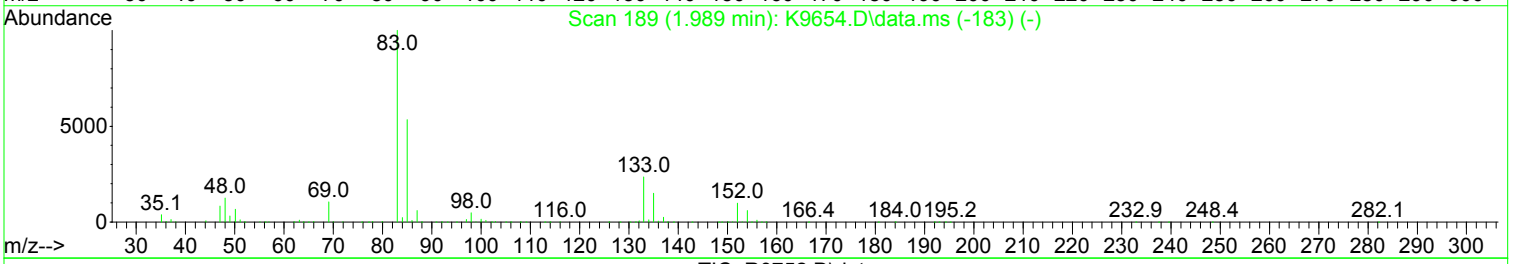
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(12) Freon 123

1.989min (-0.000) 0.82 ug/L

response 3261

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	91.40#
133.00	24.30	21.60
0.00	0.00	0.00

Manual Integration:

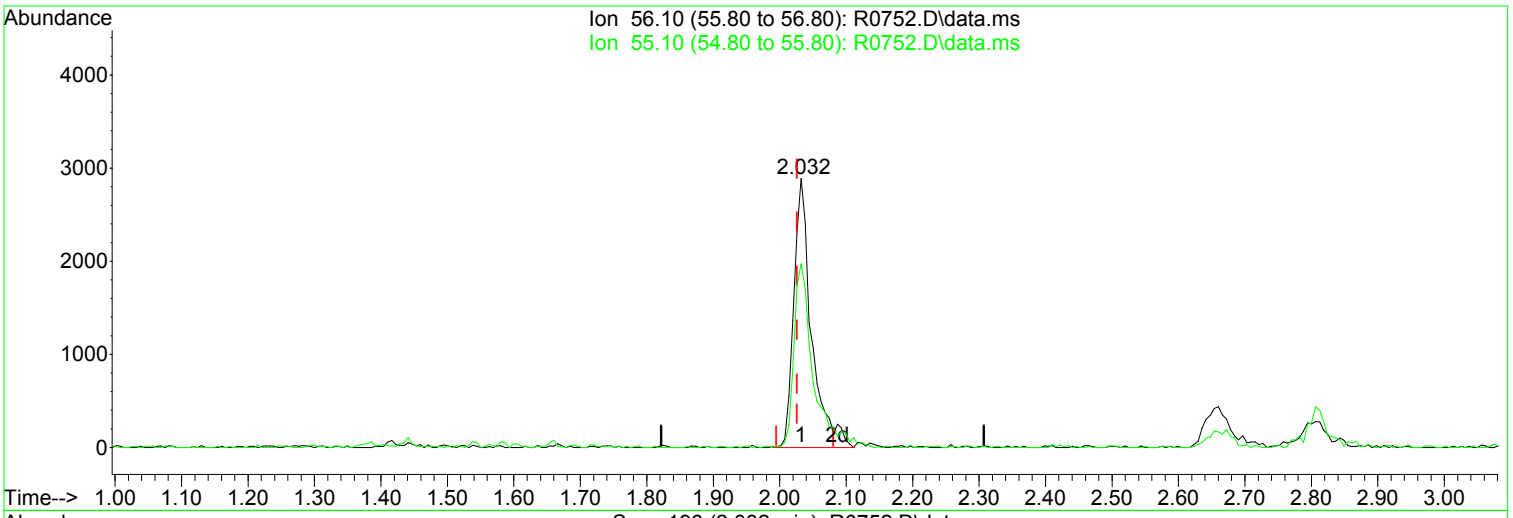
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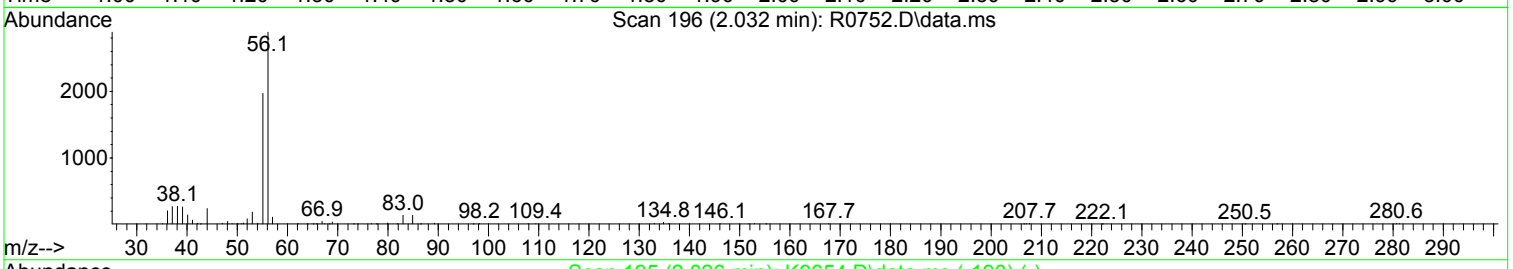
03/13/25

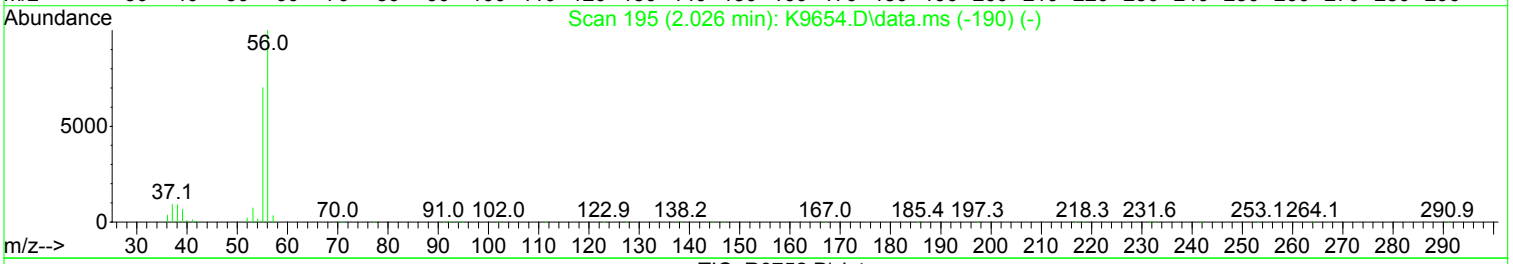
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(13) Acrolein

2.032min (+ 0.006) 4.76 ug/L m

response 5350

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.90	68.28
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

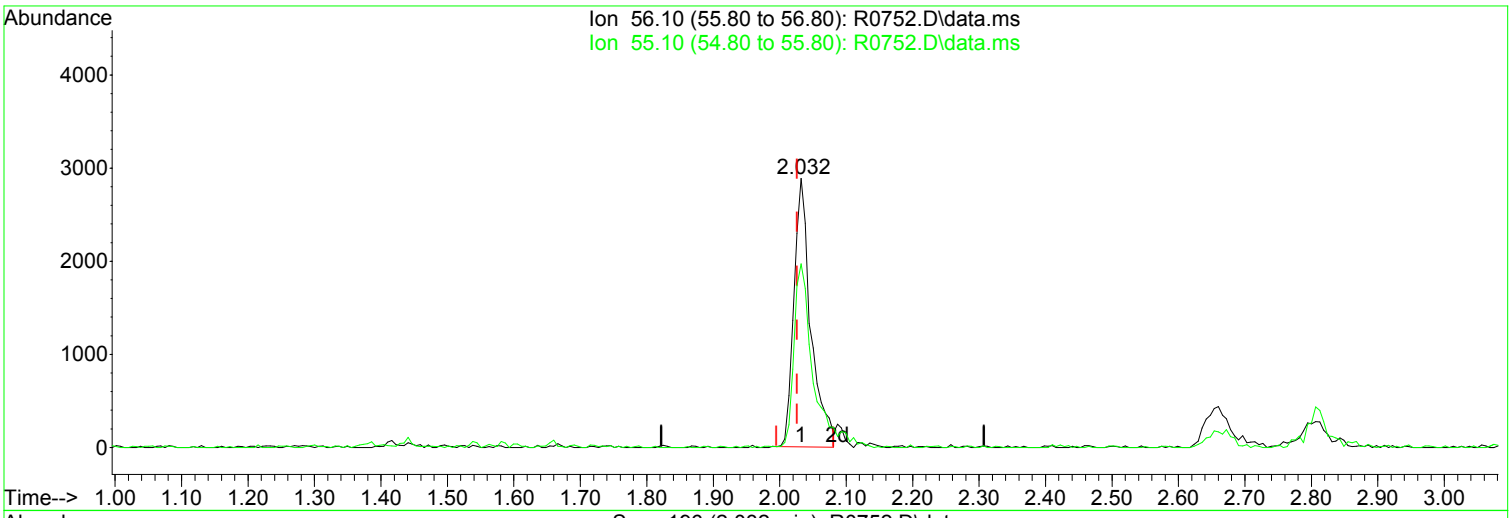
Poor integration.

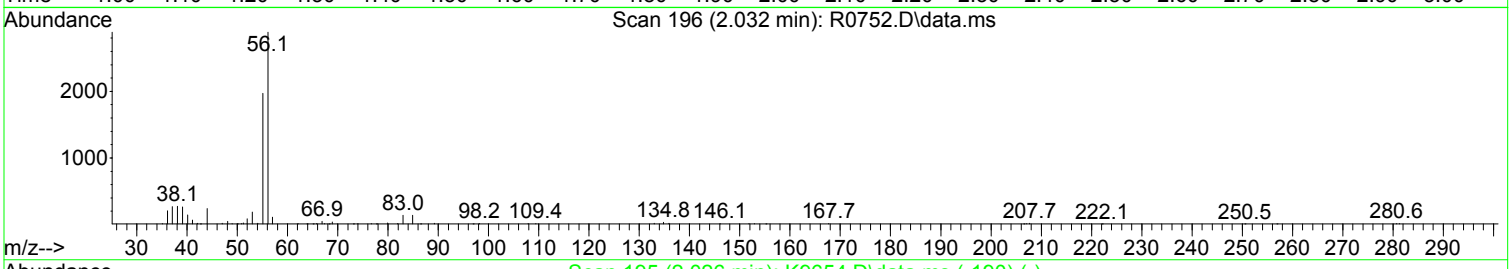
03/13/25

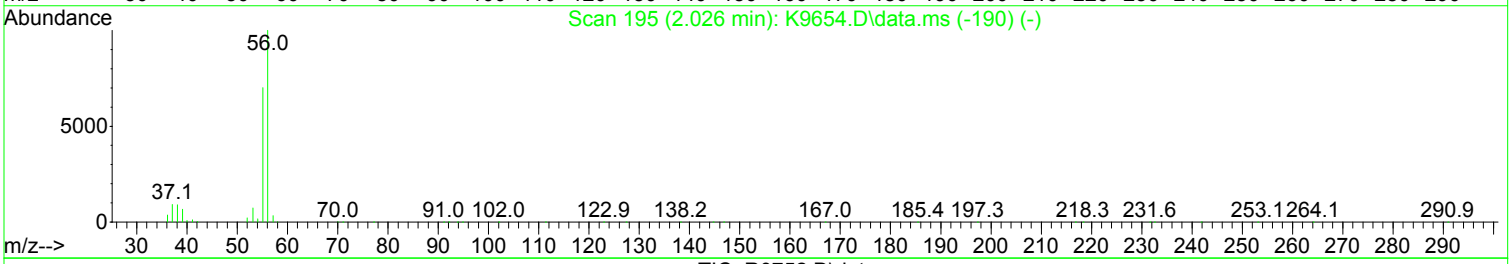
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(13) Acrolein

2.032min (+ 0.006) 4.54 ug/L

response 5098

Ion	Exp%	Act%
56.10	100.00	100.00
55.10	70.90	68.28
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

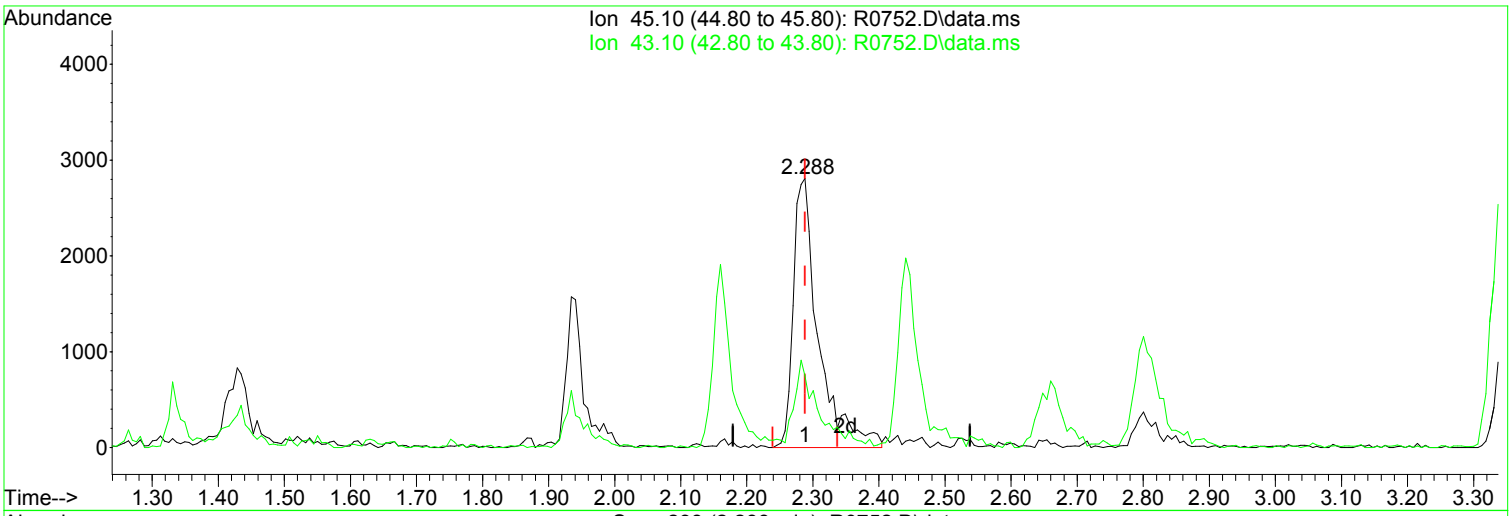
Before

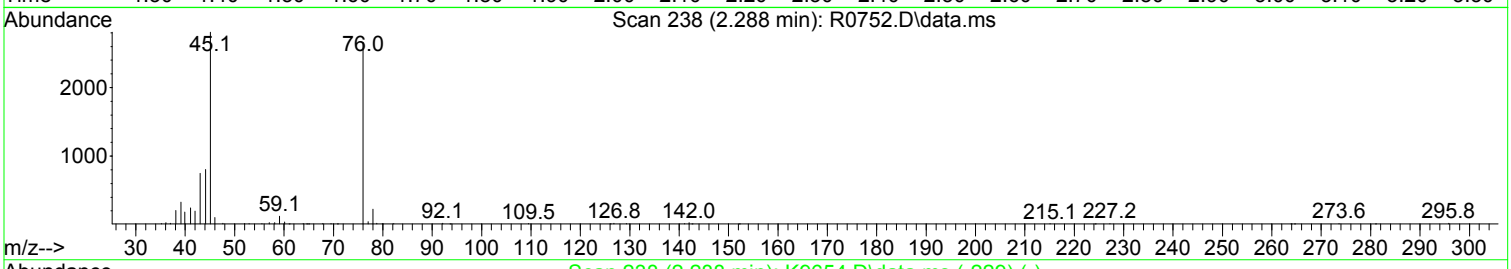
03/13/25

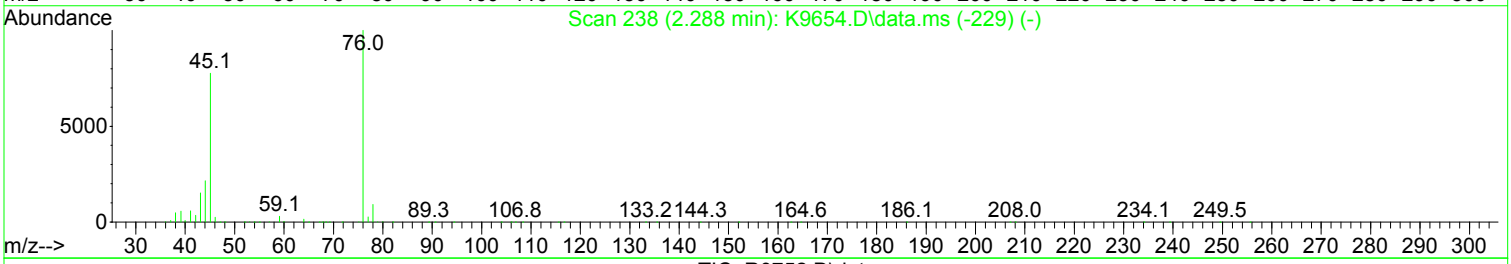
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(17) 2-Propanol

2.288min (0.000) 17.88 ug/L m

response 7419

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	26.60
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

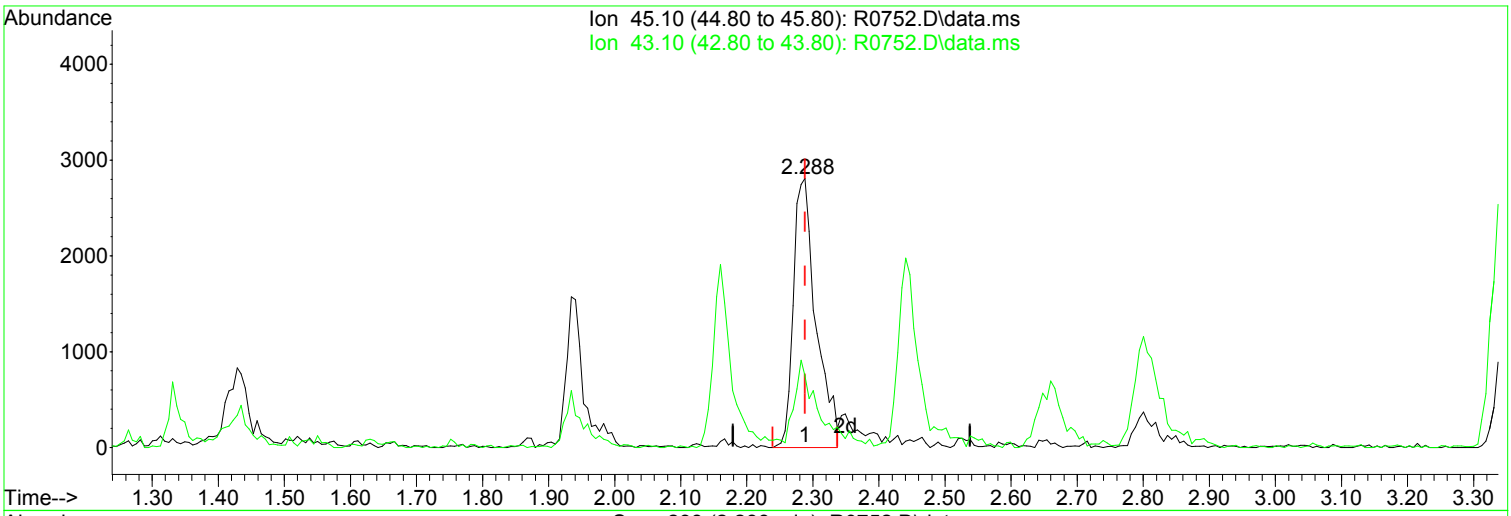
Poor integration.

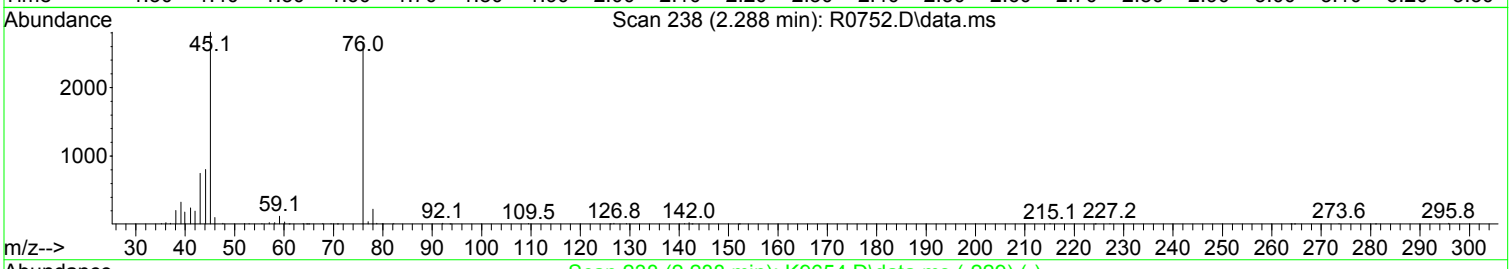
03/13/25

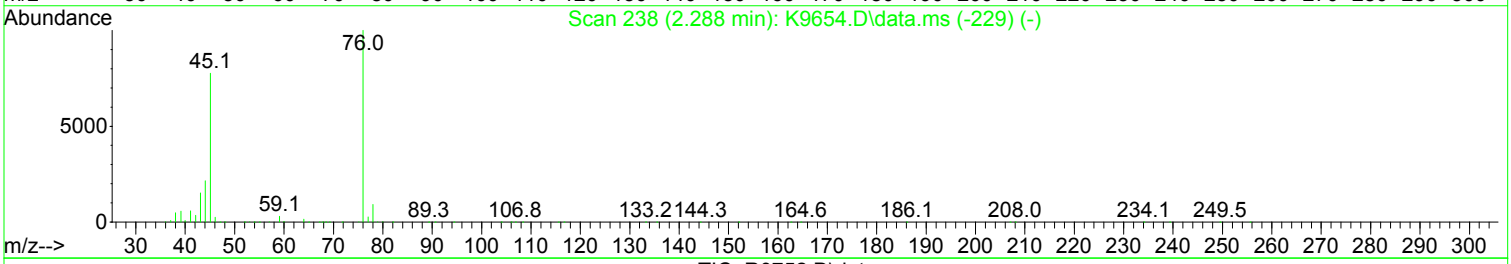
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(17) 2-Propanol

2.288min (0.000) 16.07 ug/L

response 6667

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	26.60
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

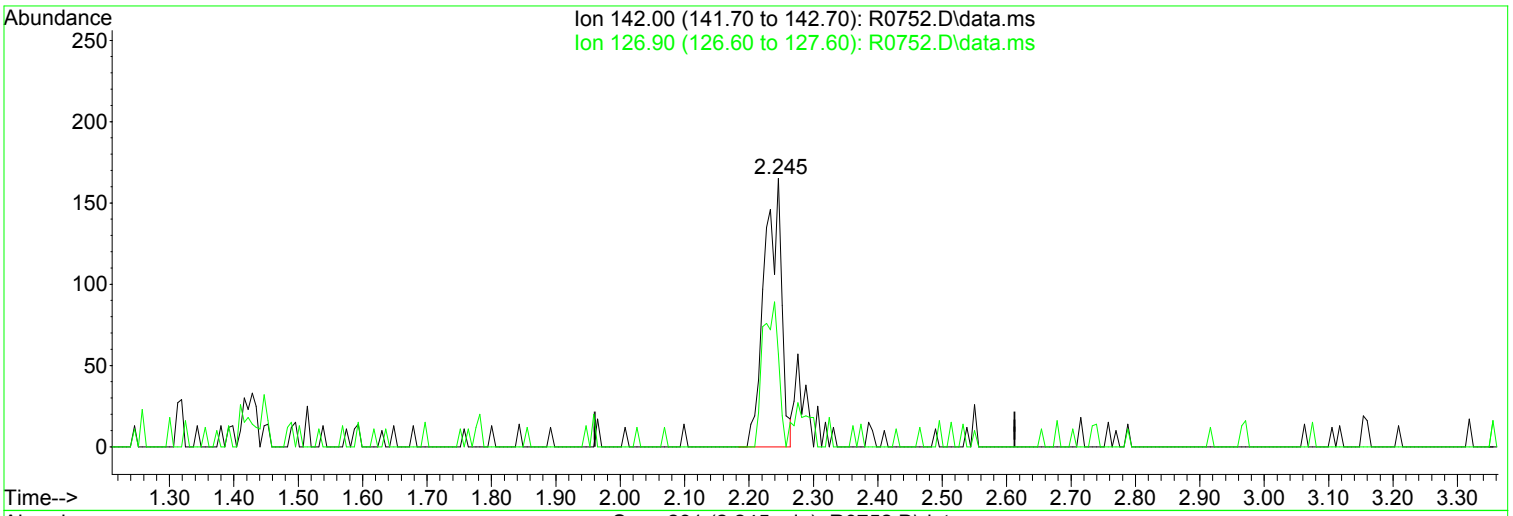
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0752.D\data.ms

(18) Iodomethane

2.245min (+ 0.024) 0.10 ug/L m

response 309

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	34.55
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

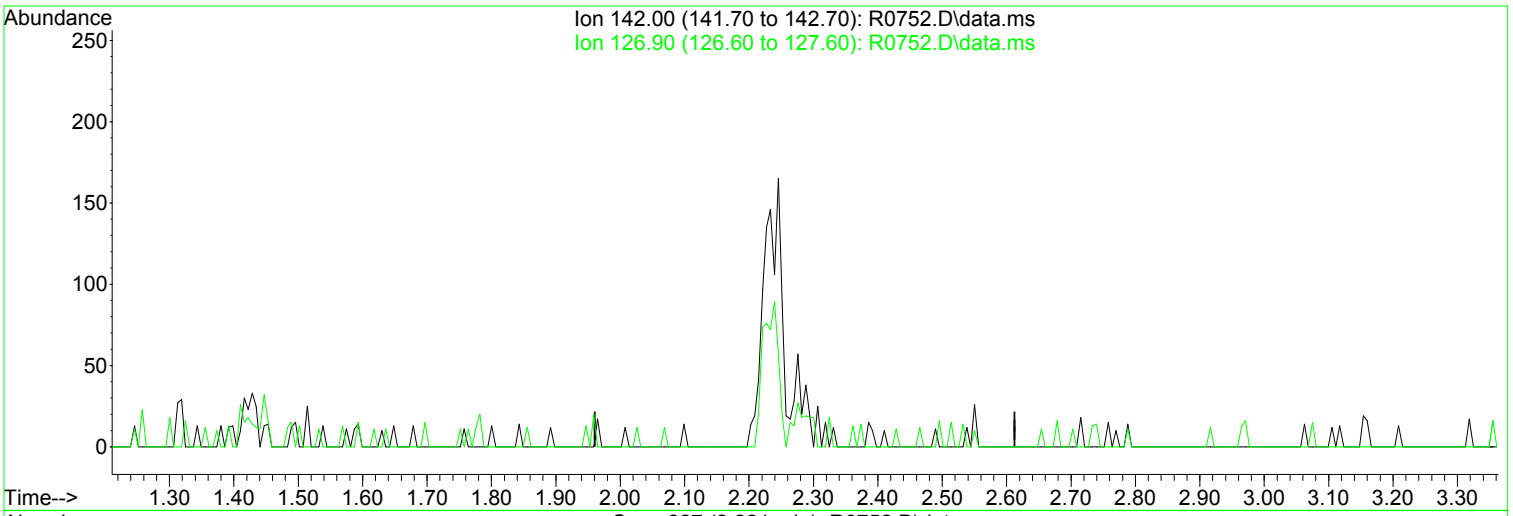
Peak not found.

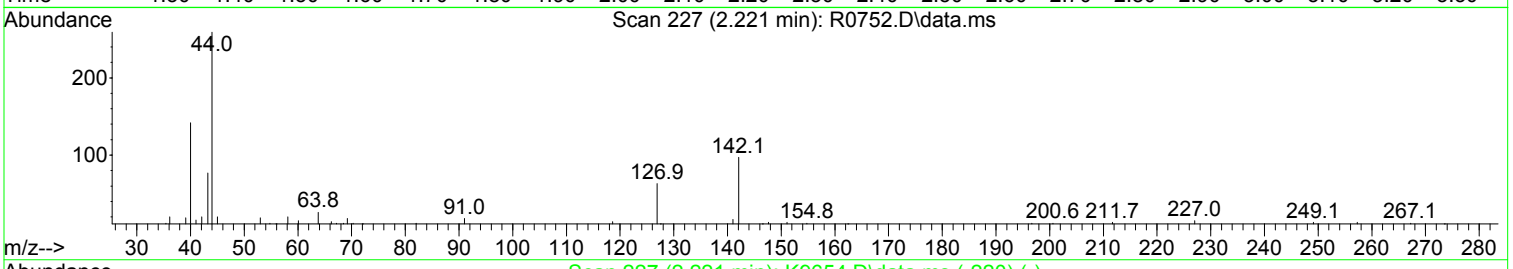
03/13/25

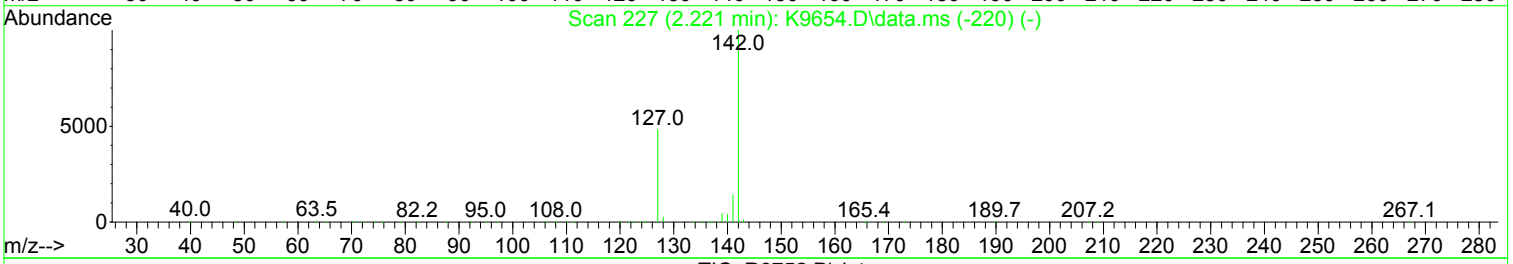
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(18) Iodomethane

2.221min (-2.221) 0.00 ug/L

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
126.90	48.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

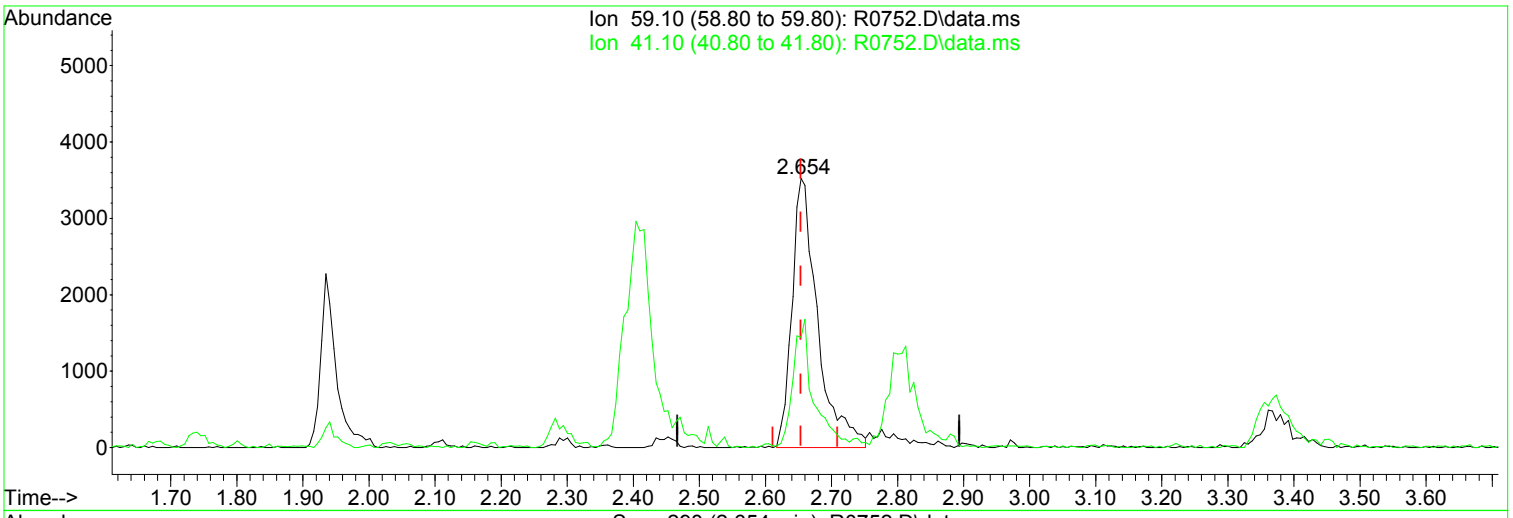
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0752.D\data.ms

(23) TBA

2.654min (-0.000) 16.37 ug/L m

response 9517

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.80	41.10#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

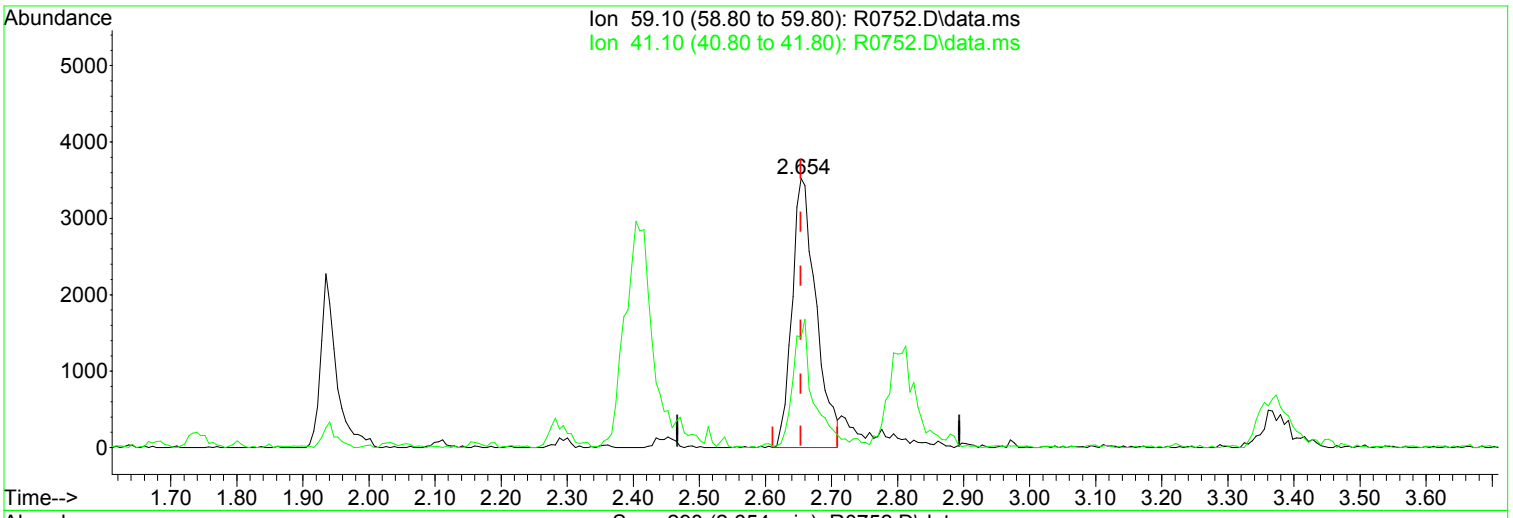
Poor integration.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0752.D\data.ms

(23) TBA

2.654min (-0.000) 15.25 ug/L

response 8864

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	19.80	41.10#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

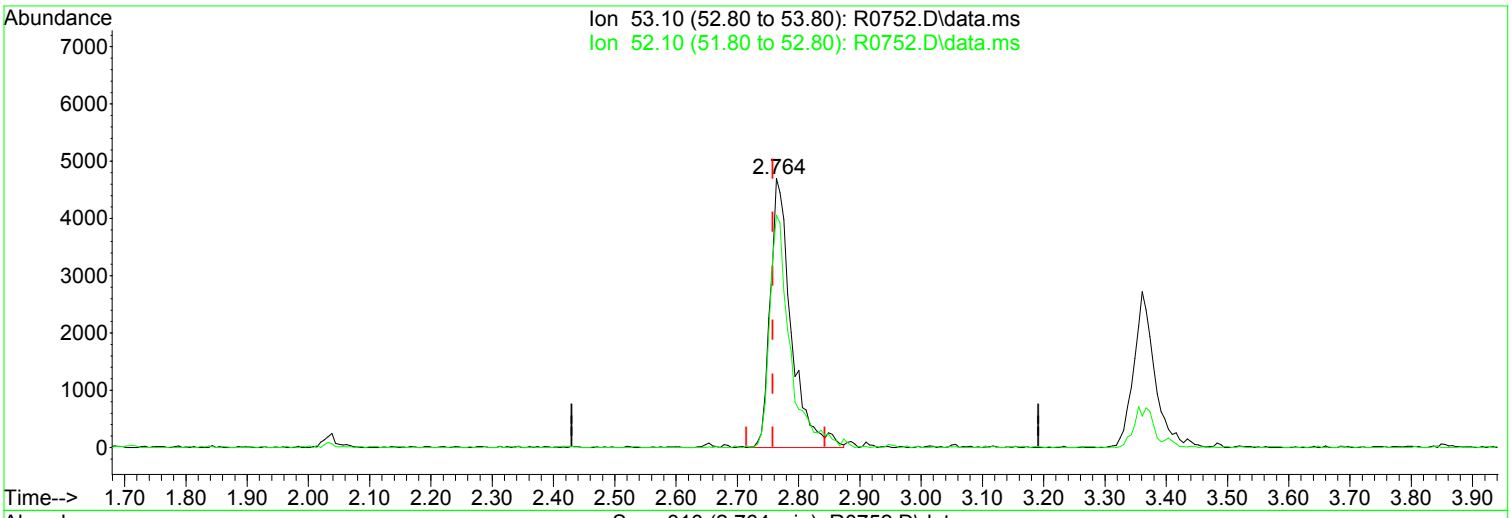
Before

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0752.D\data.ms

(24) Acrylonitrile

2.764min (+ 0.006) 4.74 ug/L m

response 11230

Ion	Exp%	Act%
53.10	100.00	100.00
52.10	84.90	86.33
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

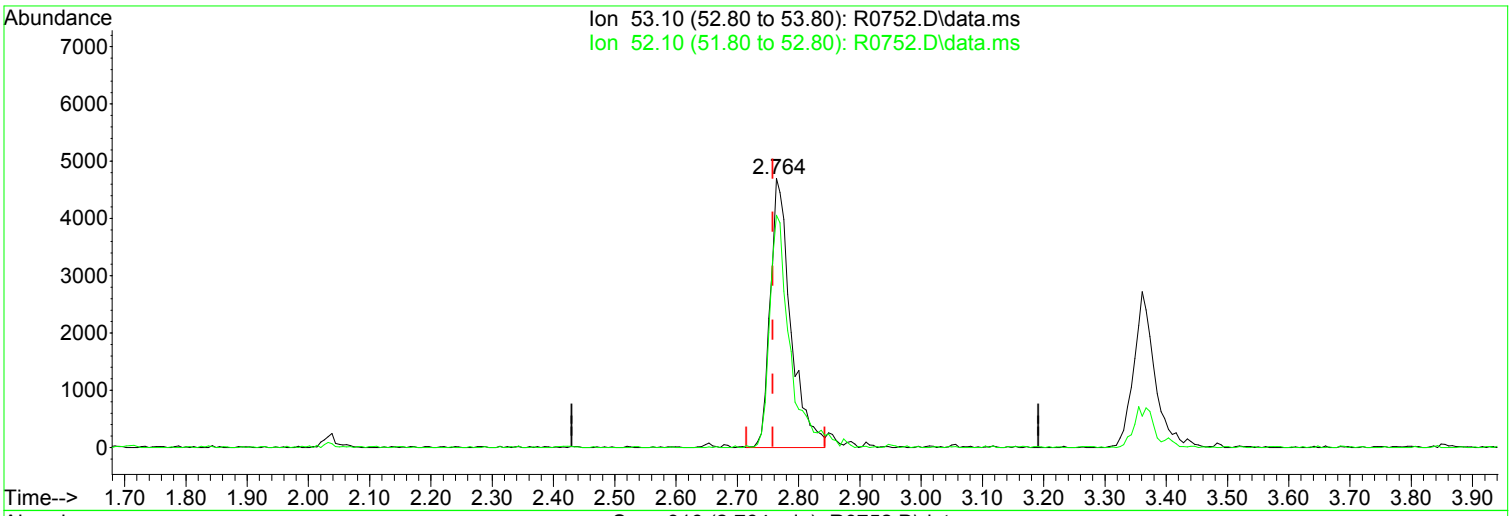
Poor integration.

03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0752.D\data.ms

(24) Acrylonitrile

2.764min (+ 0.006) 4.63 ug/L

response 10969

Ion	Exp%	Act%
53.10	100.00	100.00
52.10	84.90	86.33
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

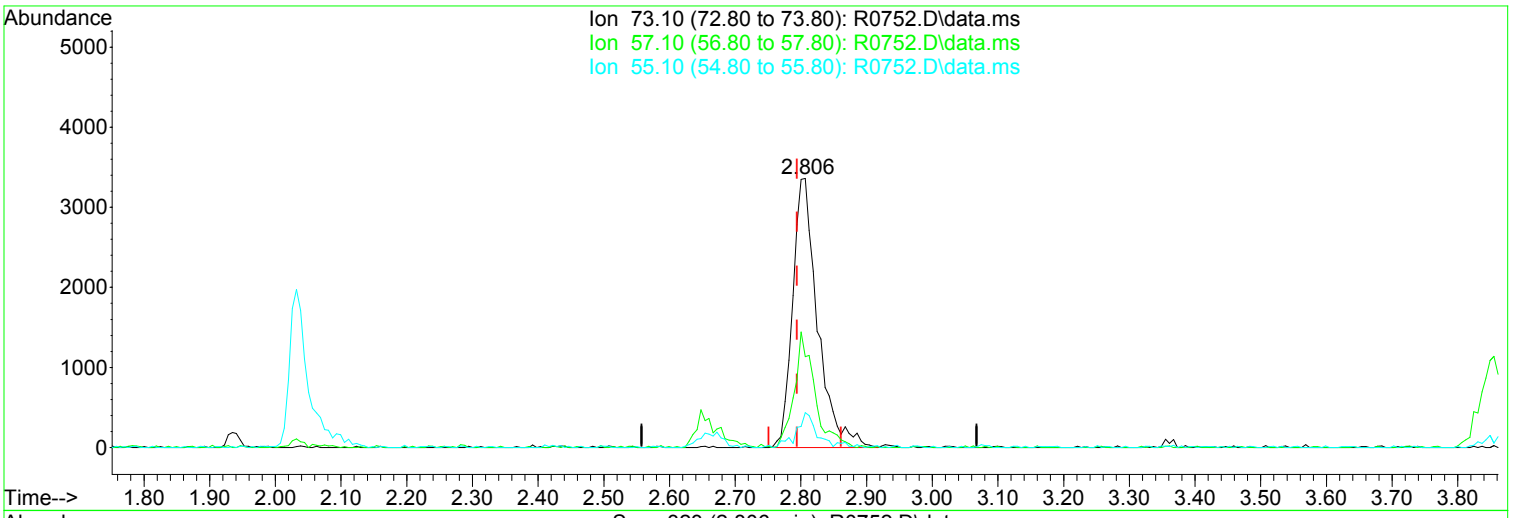
Before

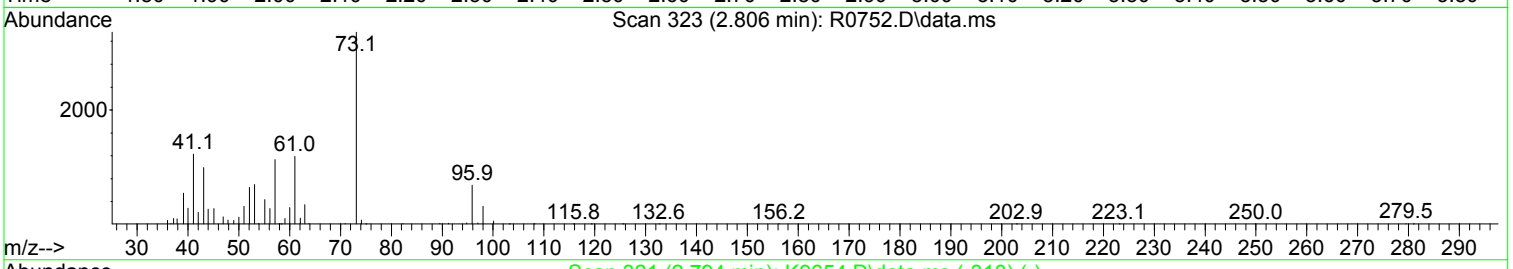
03/13/25

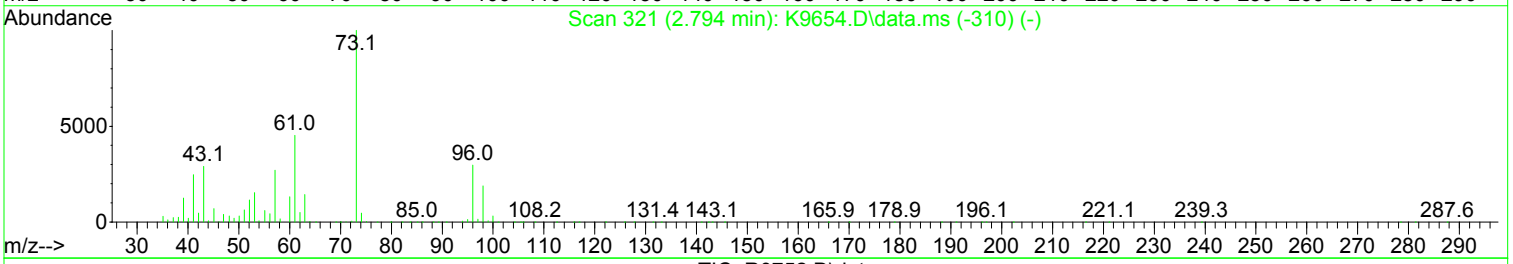
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.806min (+ 0.012) 0.92 ug/L m

response 8846

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	27.50	33.79
55.10	6.20	12.98
0.00	0.00	0.00

Manual Integration:

After

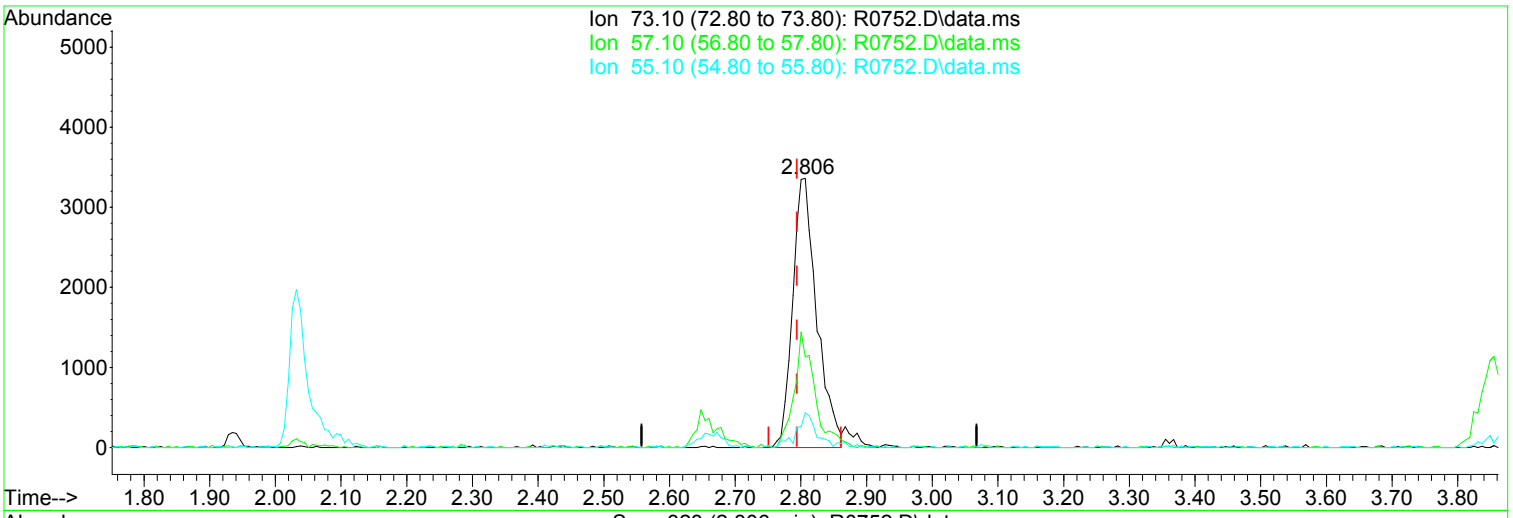
Poor integration.

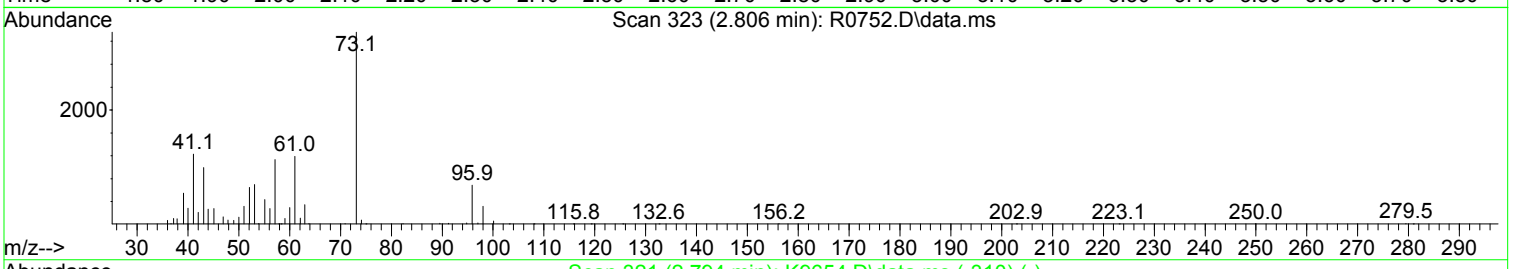
03/13/25

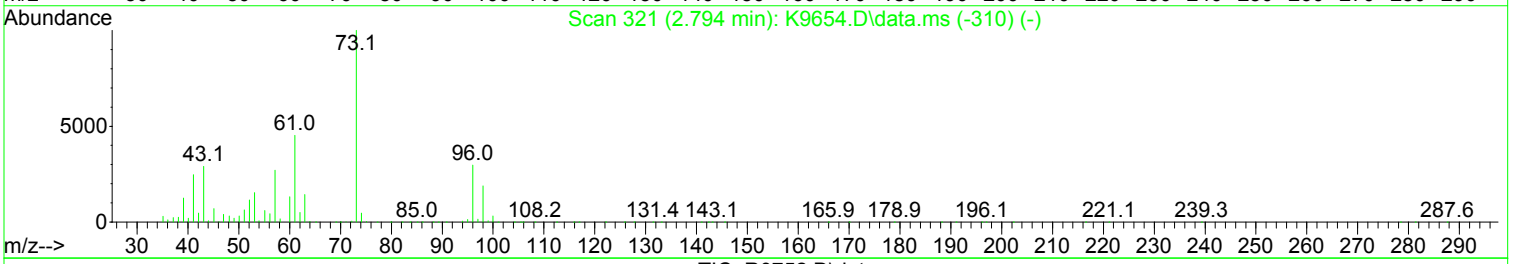
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(25) Methyl-t-Butyl Ether (P)

2.806min (+ 0.012) 0.89 ug/L

response 8518

Ion	Exp%	Act%
73.10	100.00	100.00
57.10	27.50	33.79
55.10	6.20	12.98
0.00	0.00	0.00

Manual Integration:

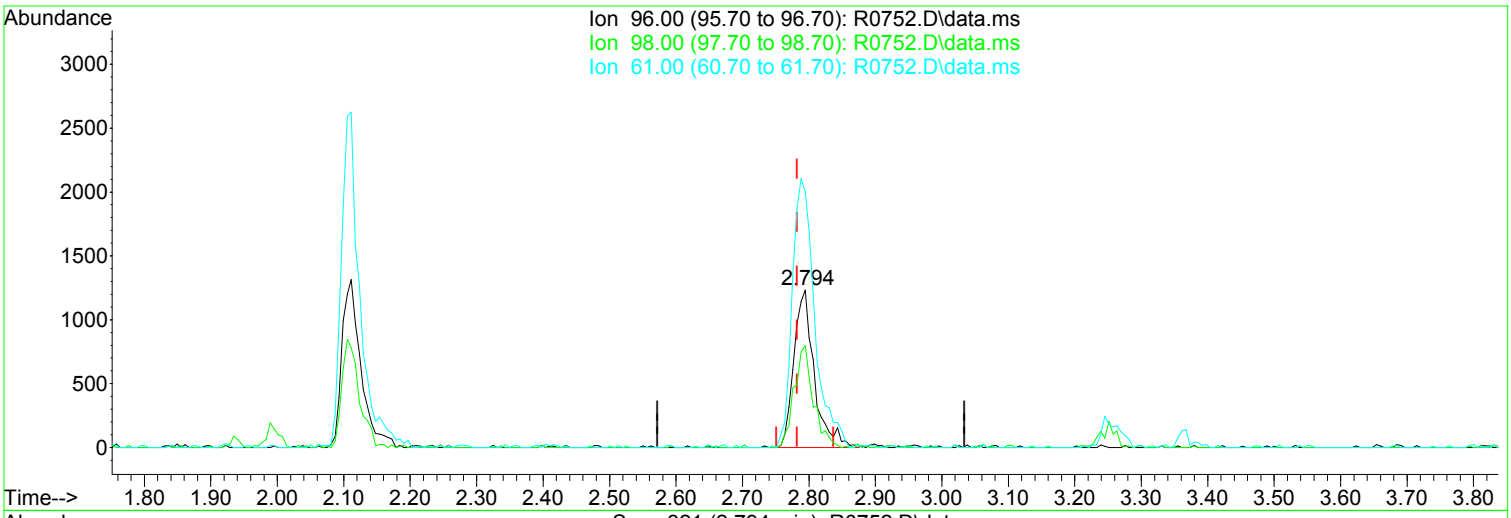
Before

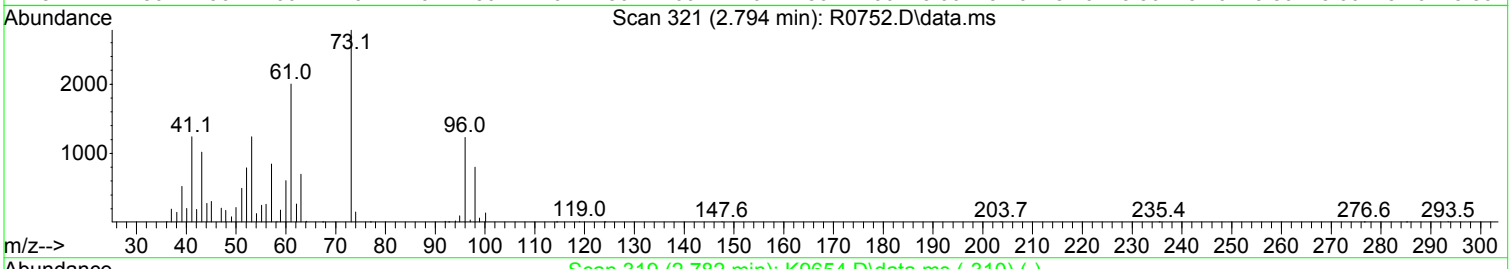
03/13/25

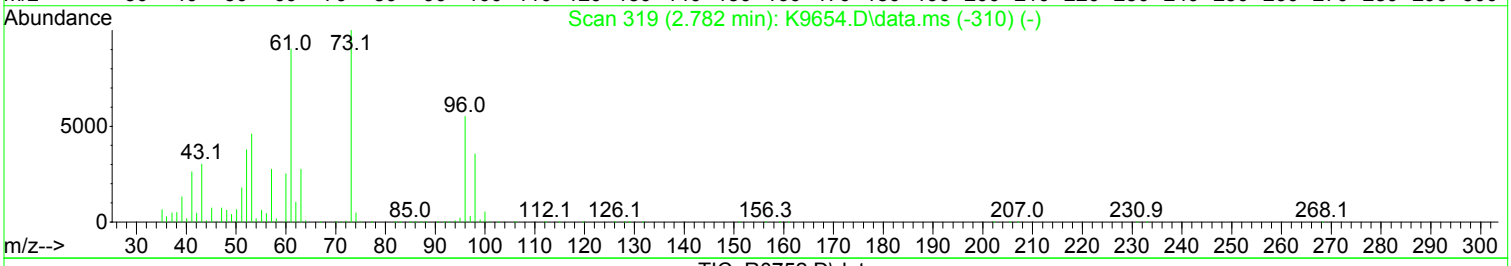
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.794min (+ 0.012) 0.87 ug/L m

response 2620

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	64.50	64.94
61.00	164.10	162.50
0.00	0.00	0.00

Manual Integration:

After

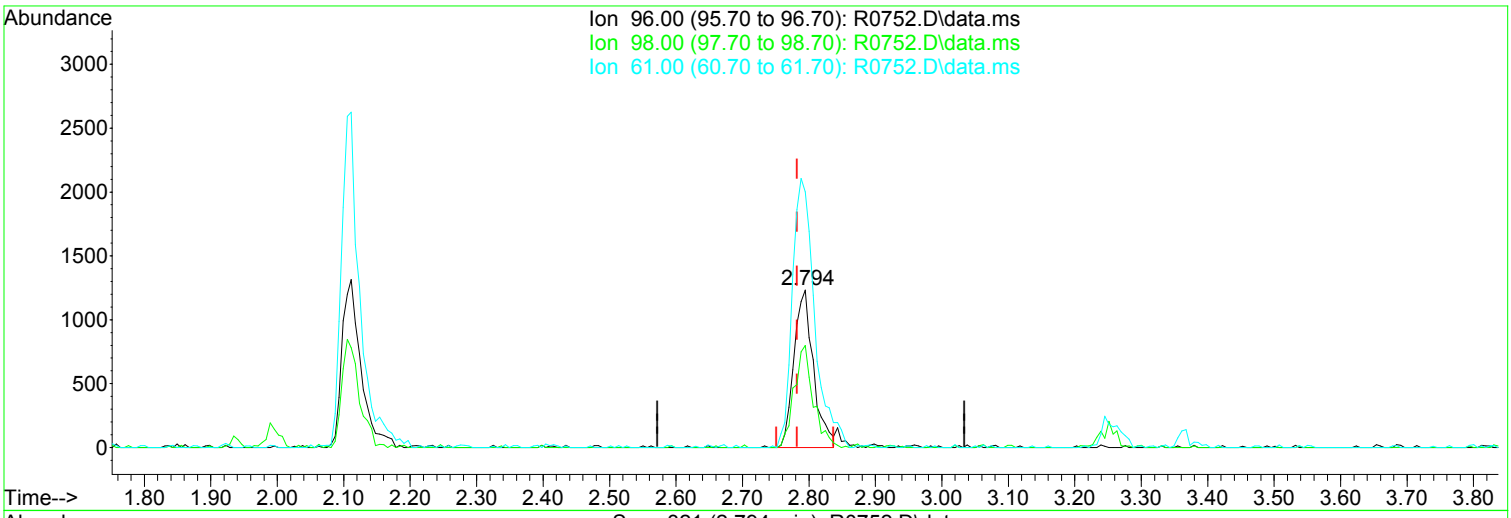
Poor integration.

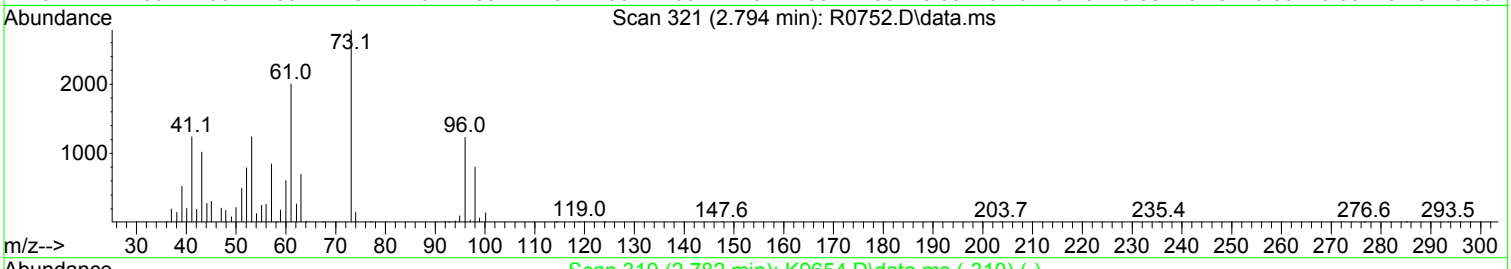
03/13/25

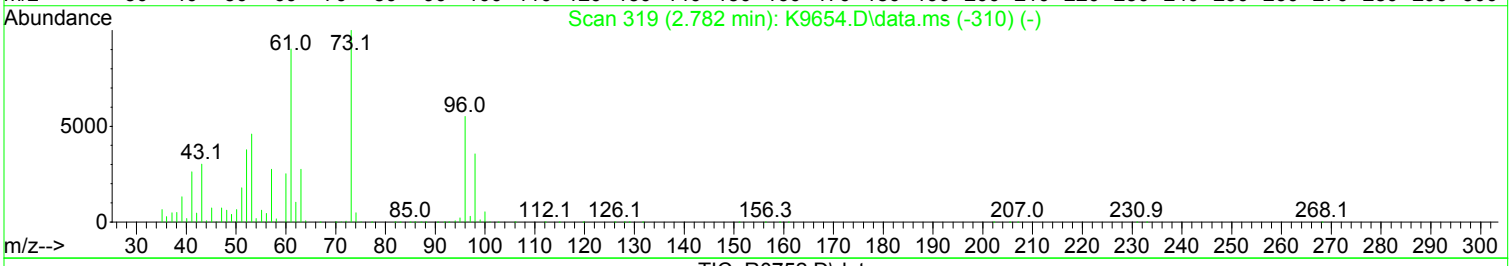
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.794min (+ 0.012) 0.84 ug/L

response 2514

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	64.50	64.94
61.00	164.10	162.50
0.00	0.00	0.00

Manual Integration:

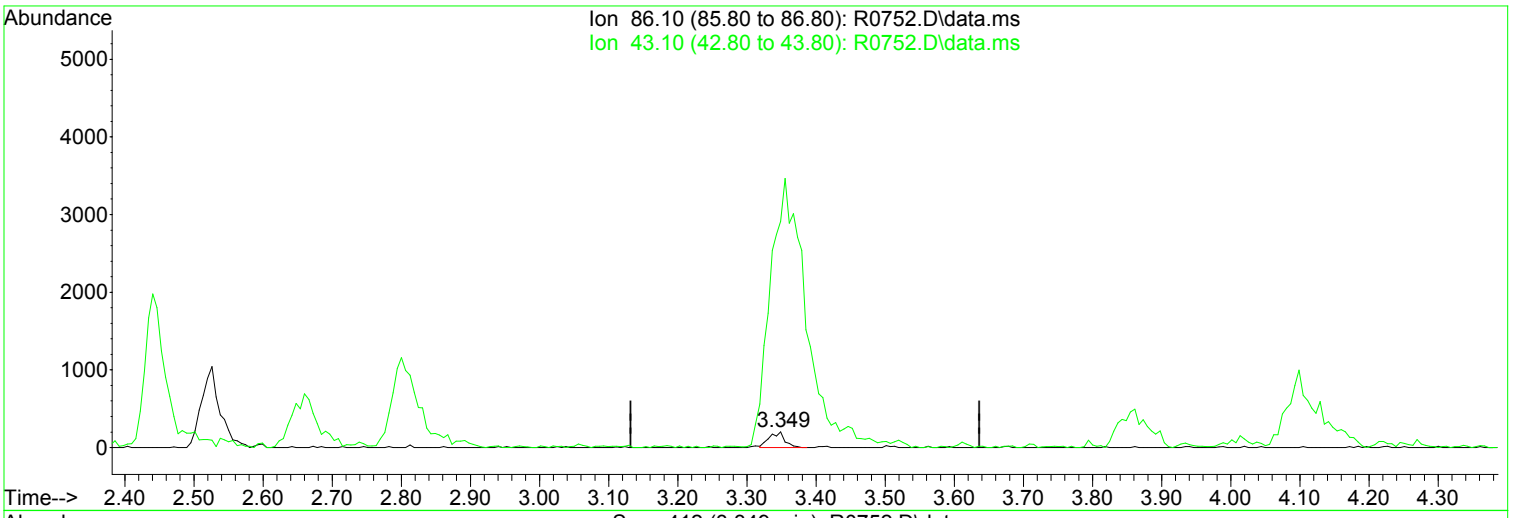
Before

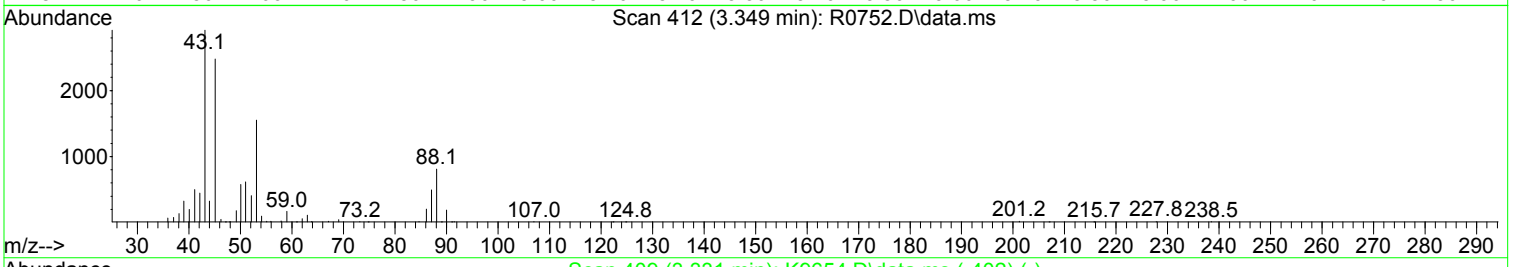
03/13/25

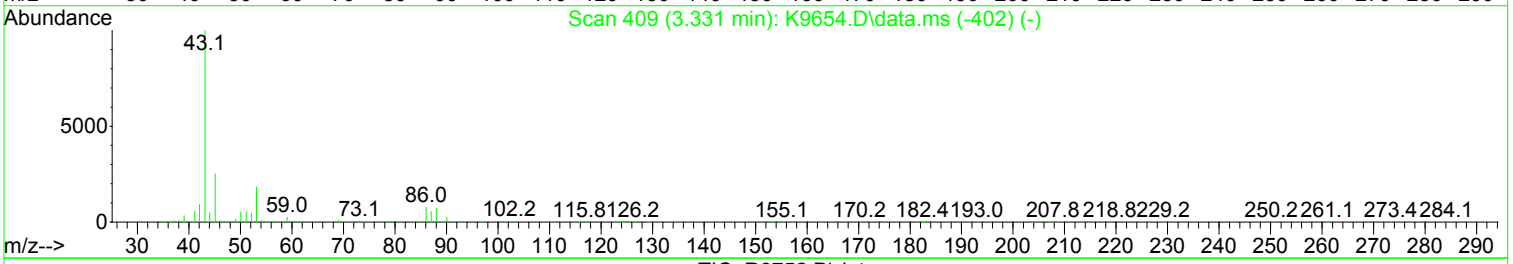
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(28) Vinyl Acetate

3.349min (+ 0.018) 0.51 ug/L m

response 316

Ion	Exp%	Act%
86.10	100.00	100.00
43.10	1297.30	1443.07#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

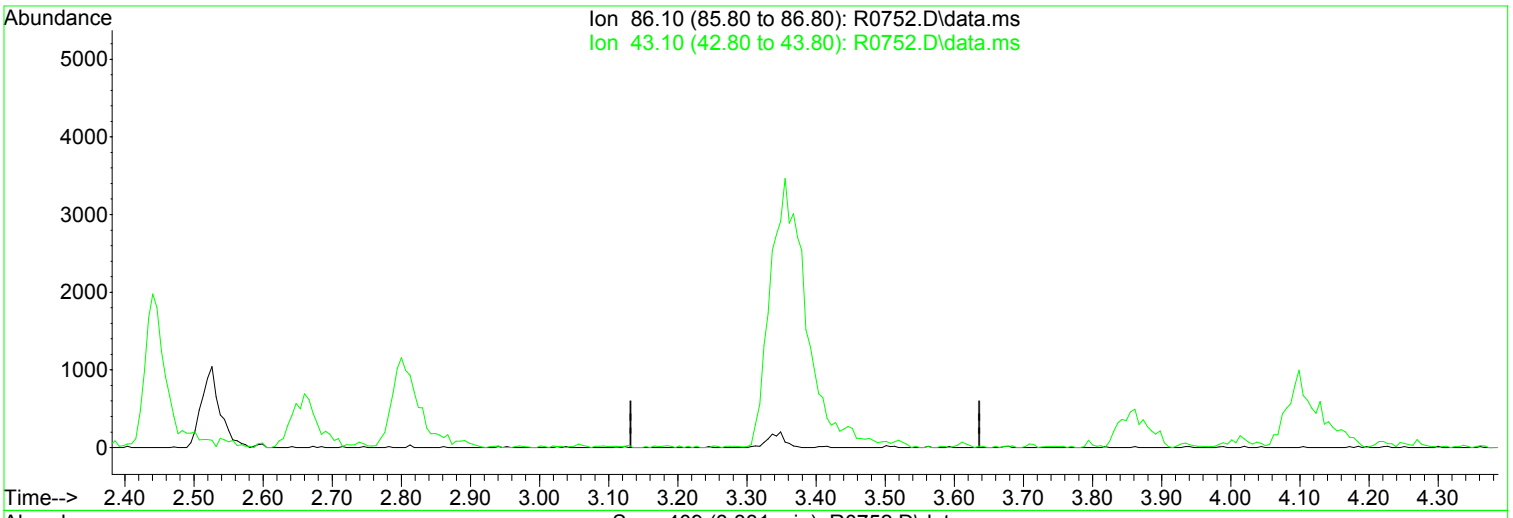
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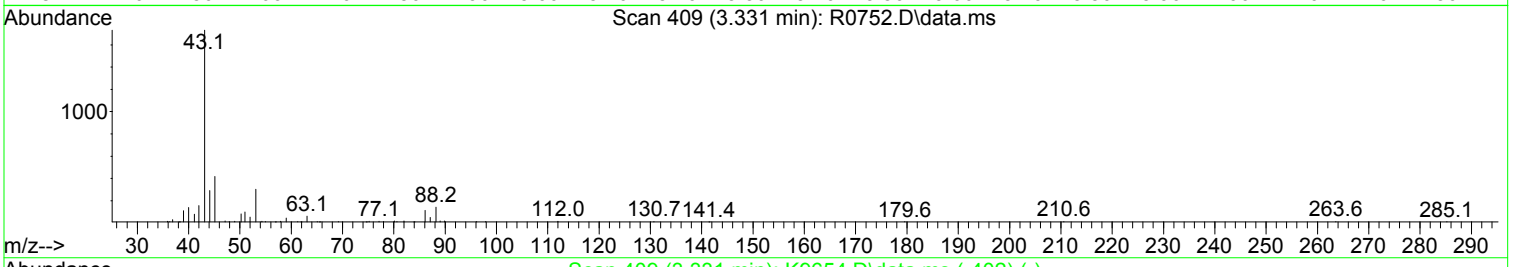
03/13/25

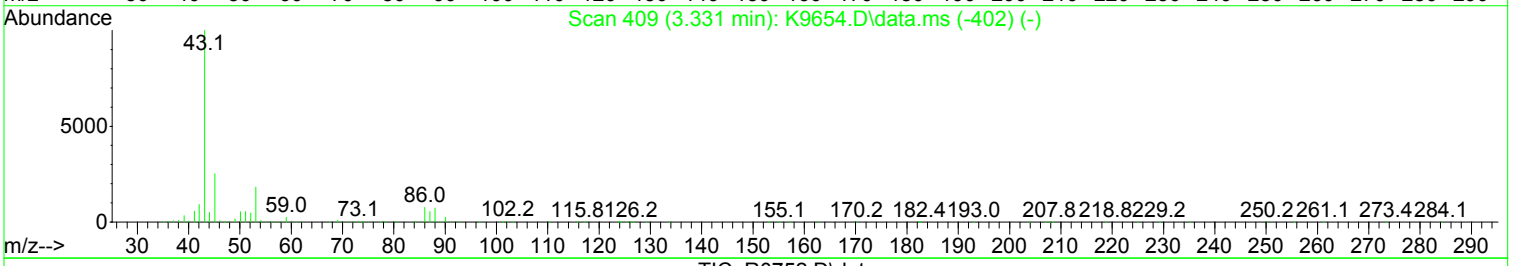
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(28) Vinyl Acetate

3.331min (-3.331) 0.00 ug/L

response 0

Ion	Exp%	Act%
86.10	100.00	0.00
43.10	1297.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

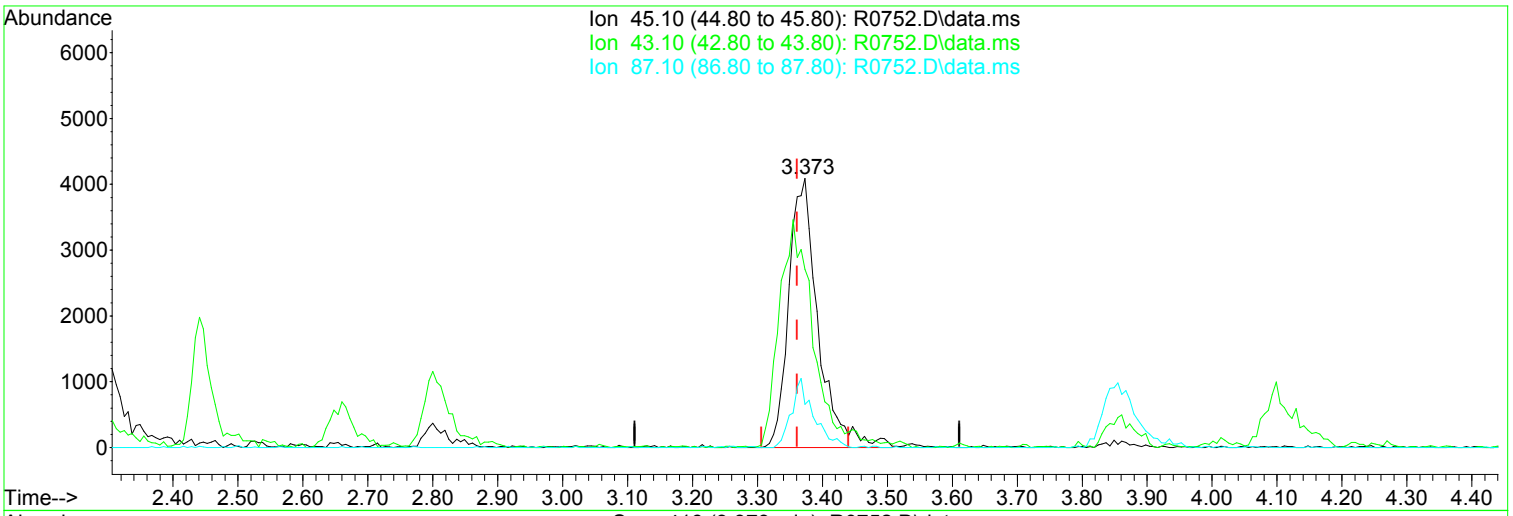
Before

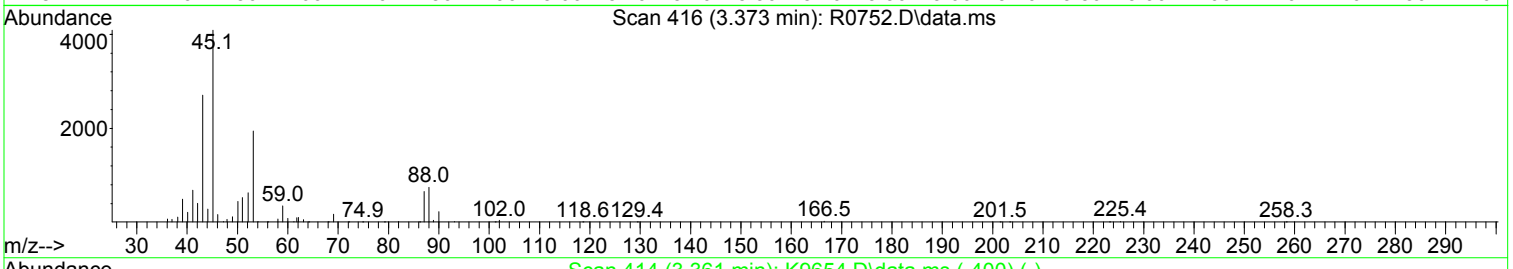
03/13/25

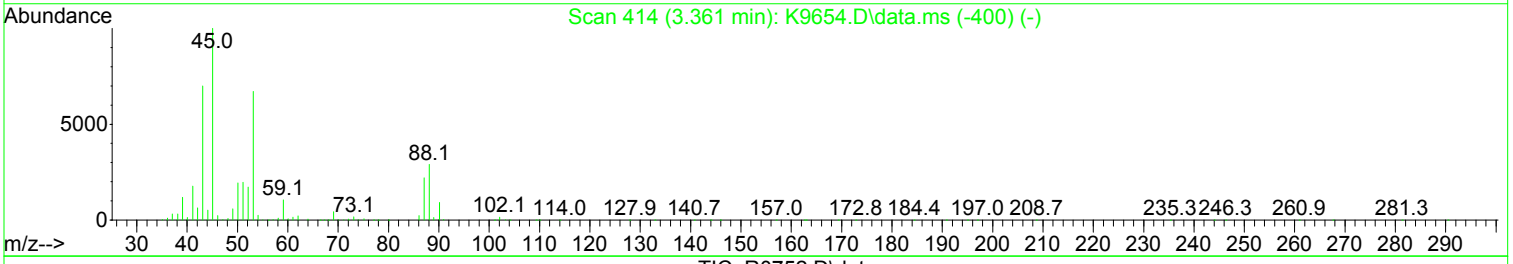
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(29) DIPE

3.373min (+ 0.012) 0.92 ug/L m

response 12857

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	70.10	66.19
87.10	22.30	16.10
0.00	0.00	0.00

Manual Integration:

After

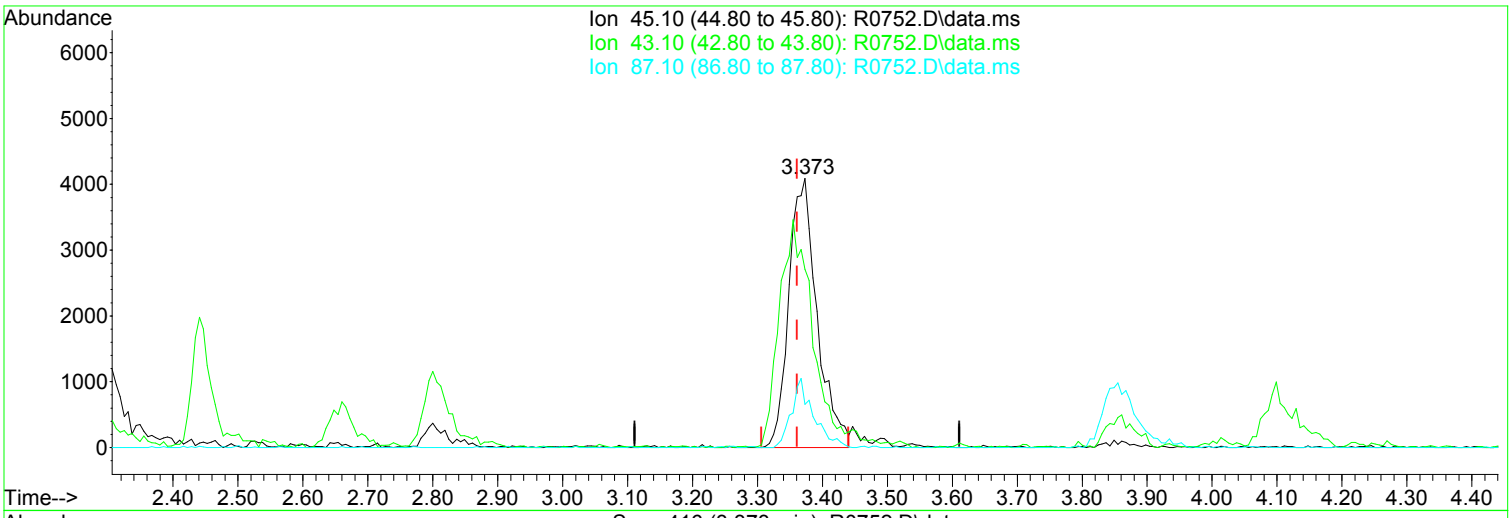
Poor integration.

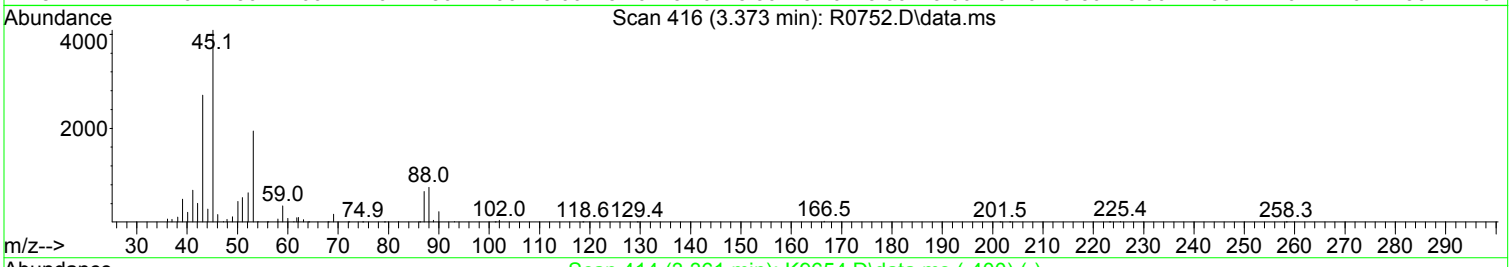
03/13/25

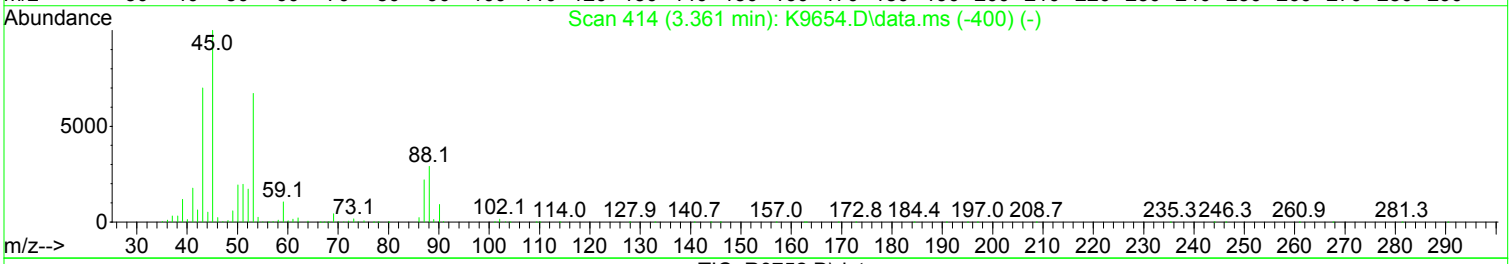
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(29) DIPE

3.373min (+ 0.012) 0.88 ug/L

response 12334

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	70.10	66.19
87.10	22.30	16.10
0.00	0.00	0.00

Manual Integration:

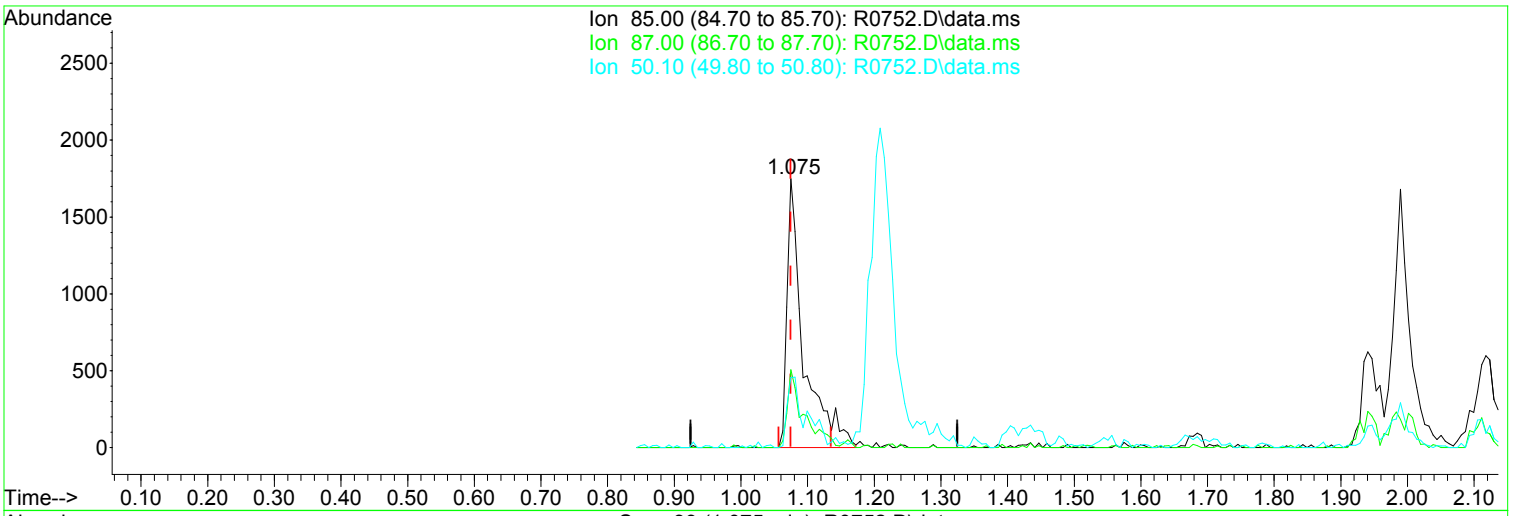
Before

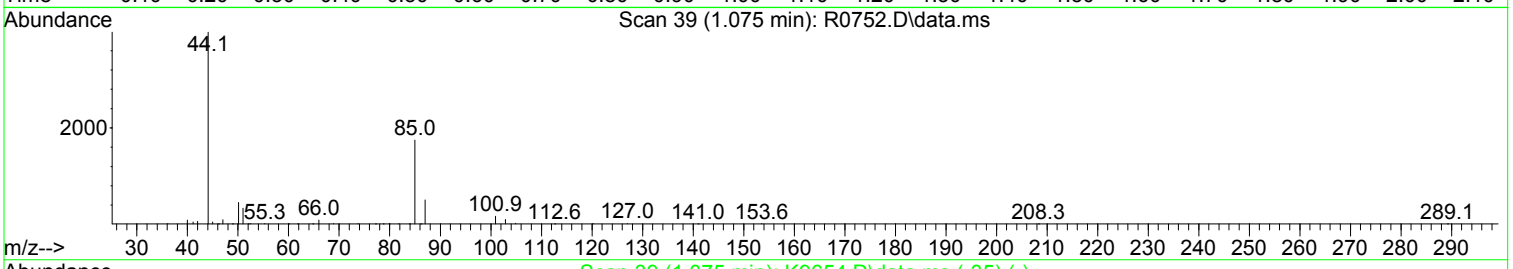
03/13/25

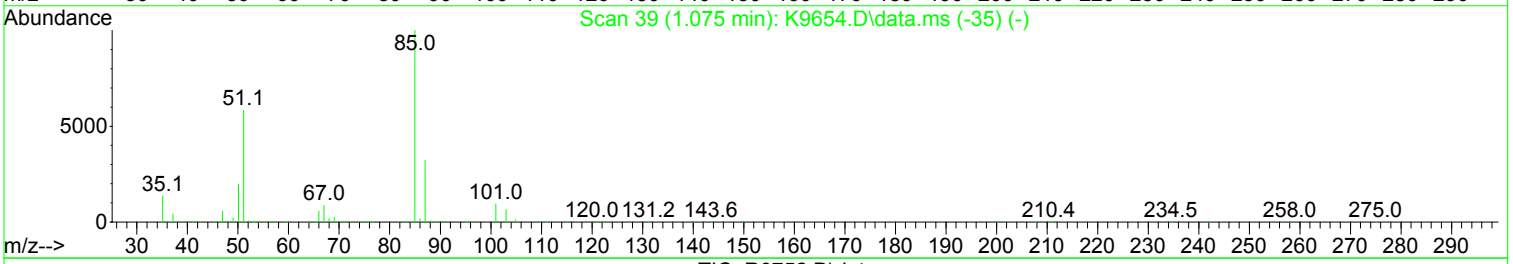
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 0.90 ug/L m

response 3031

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	28.86
50.10	19.70	26.06
0.00	0.00	0.00

Manual Integration:

After

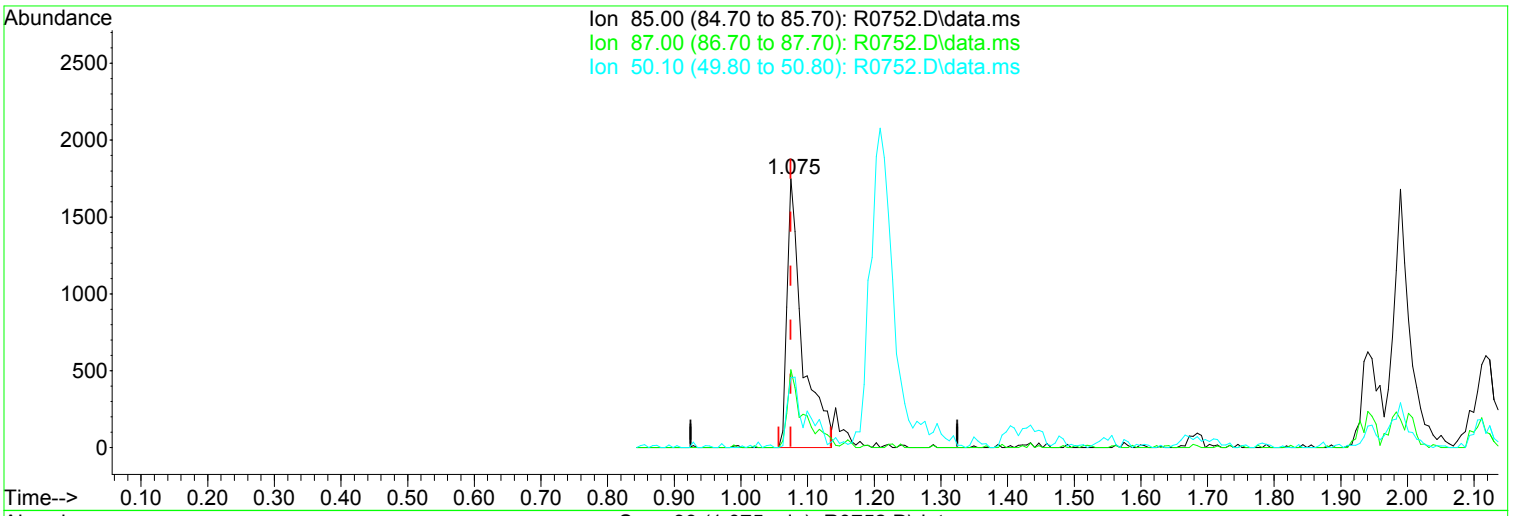
Poor integration.

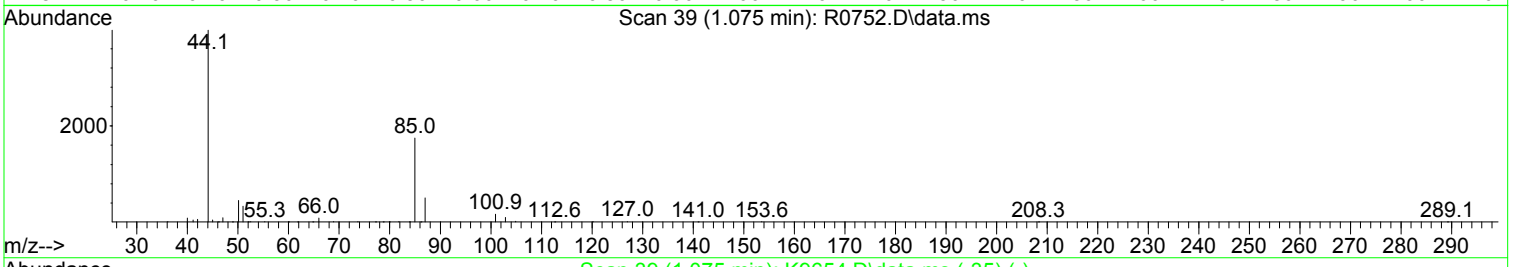
03/13/25

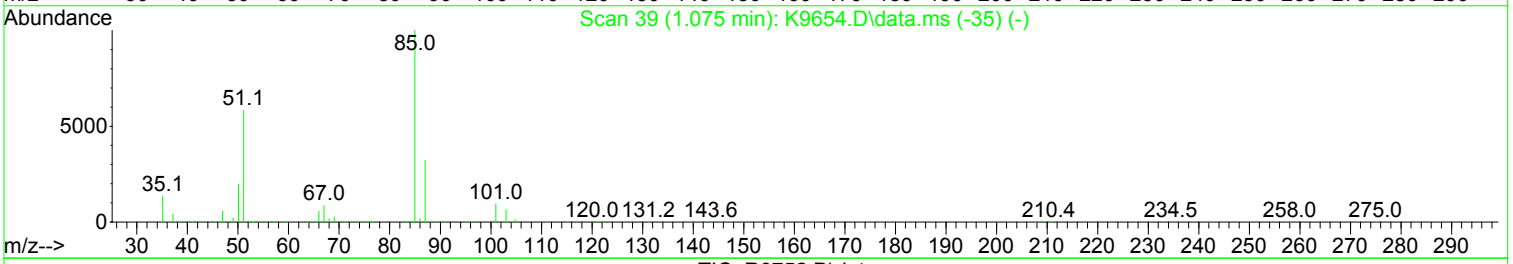
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 0.83 ug/L

response 2800

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	28.86
50.10	19.70	26.06
0.00	0.00	0.00

Manual Integration:

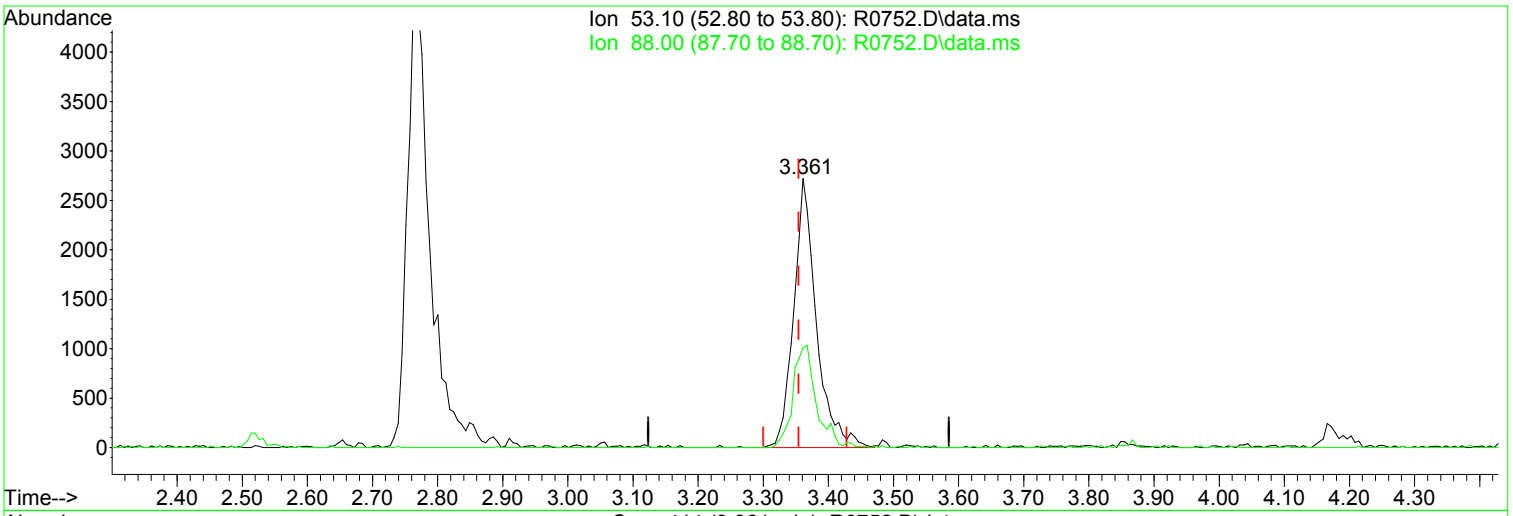
Before

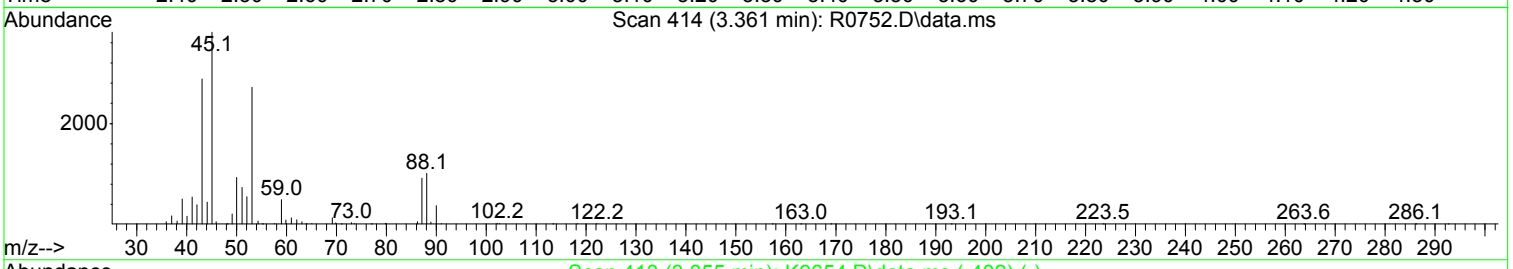
03/13/25

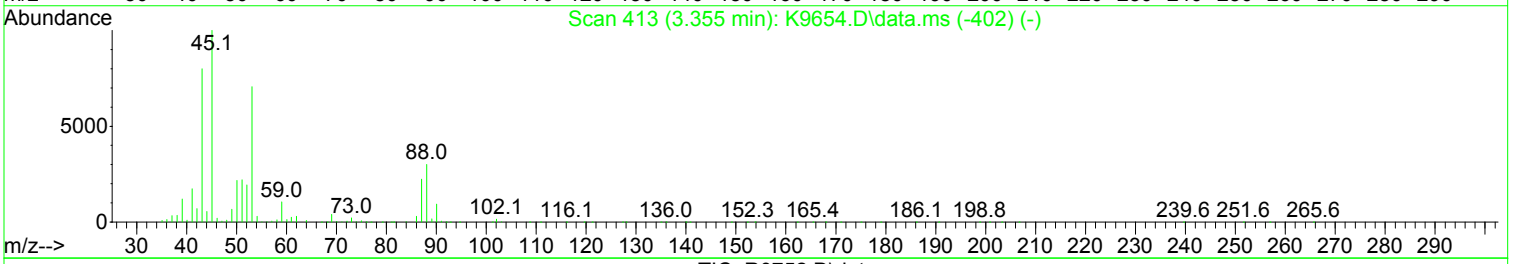
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 0.86 ug/L m

response 6582

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	42.70	37.12
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

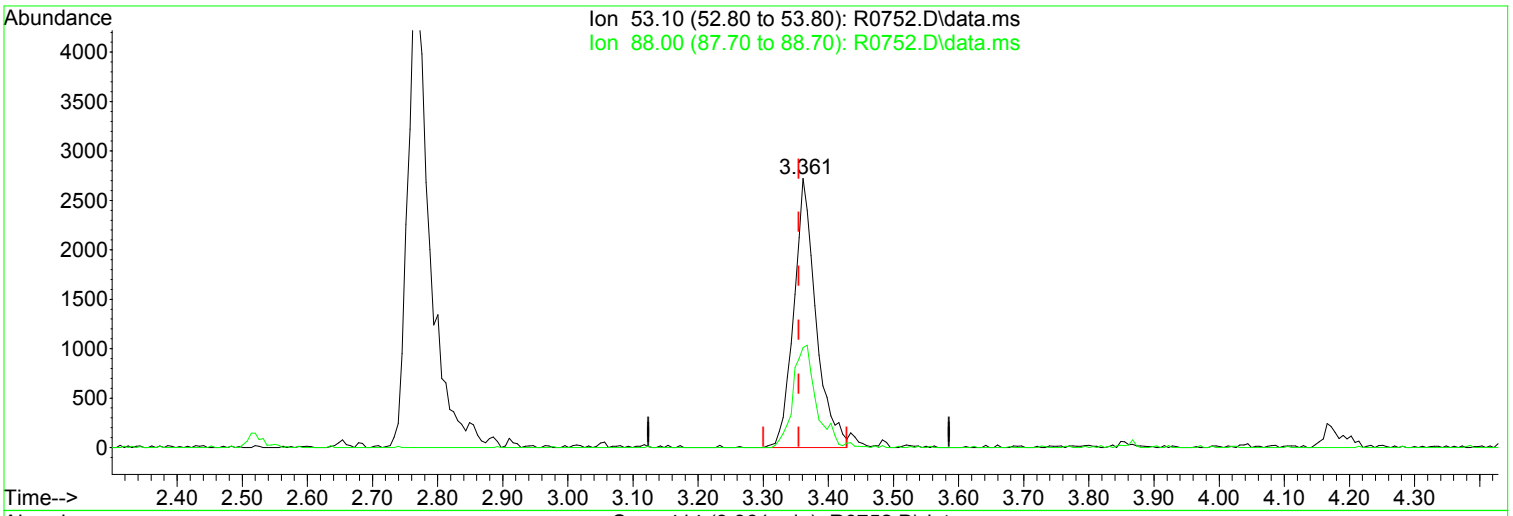
Poor integration.

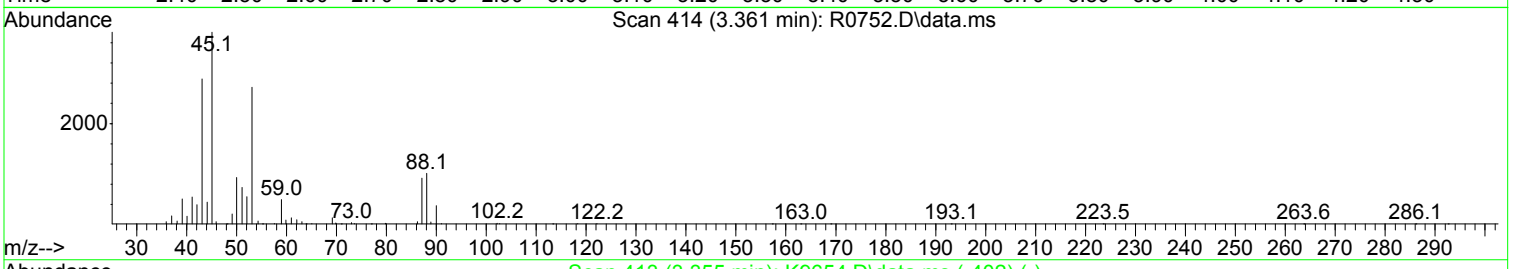
03/13/25

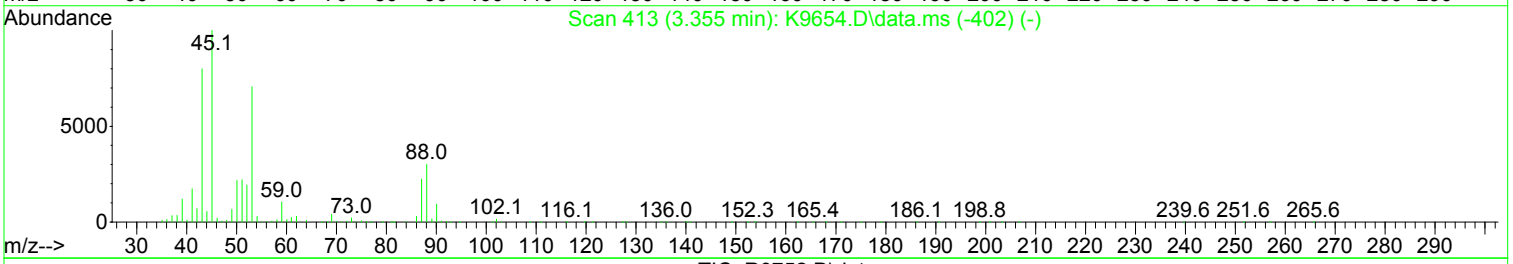
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 0.84 ug/L

response 6434

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	42.70	37.12
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

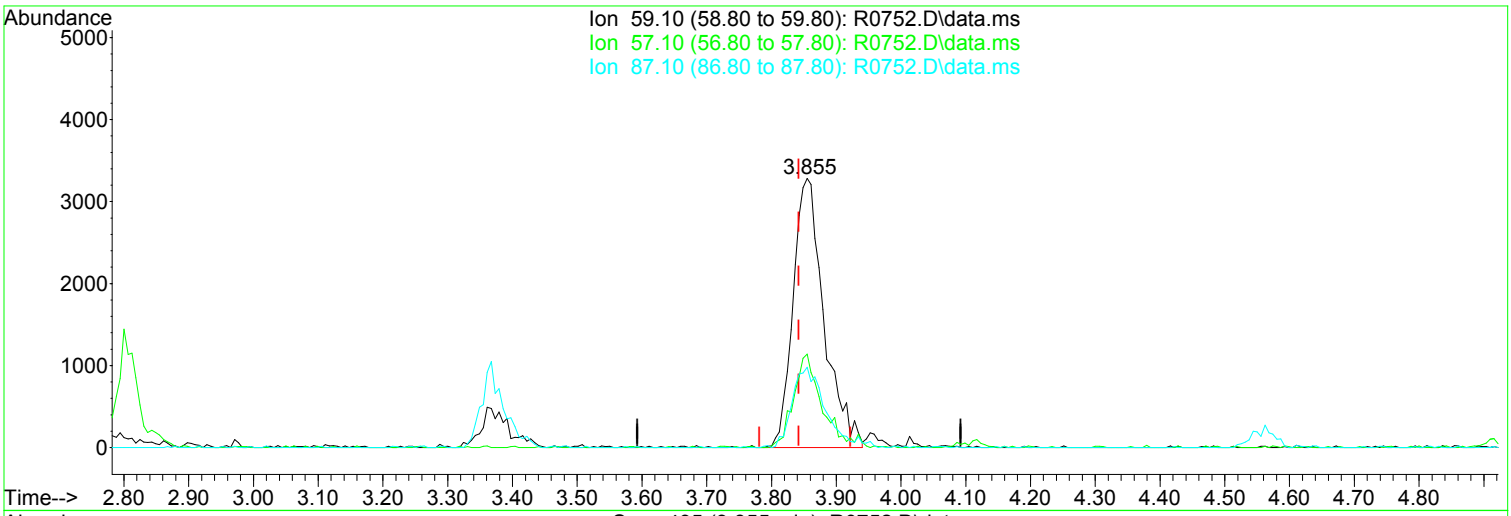
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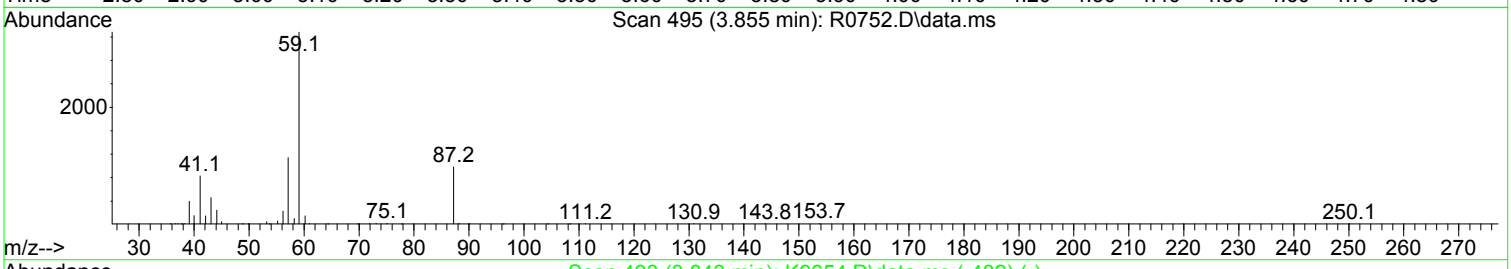
03/13/25

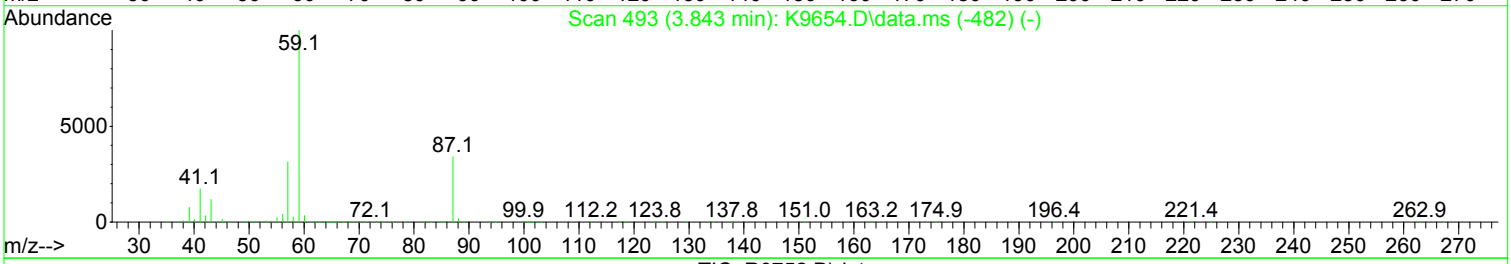
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(31) ETBE

3.855min (+ 0.012) 0.88 ug/L m

response 10893

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	31.50	34.75
87.10	34.20	29.87
0.00	0.00	0.00

Manual Integration:

After

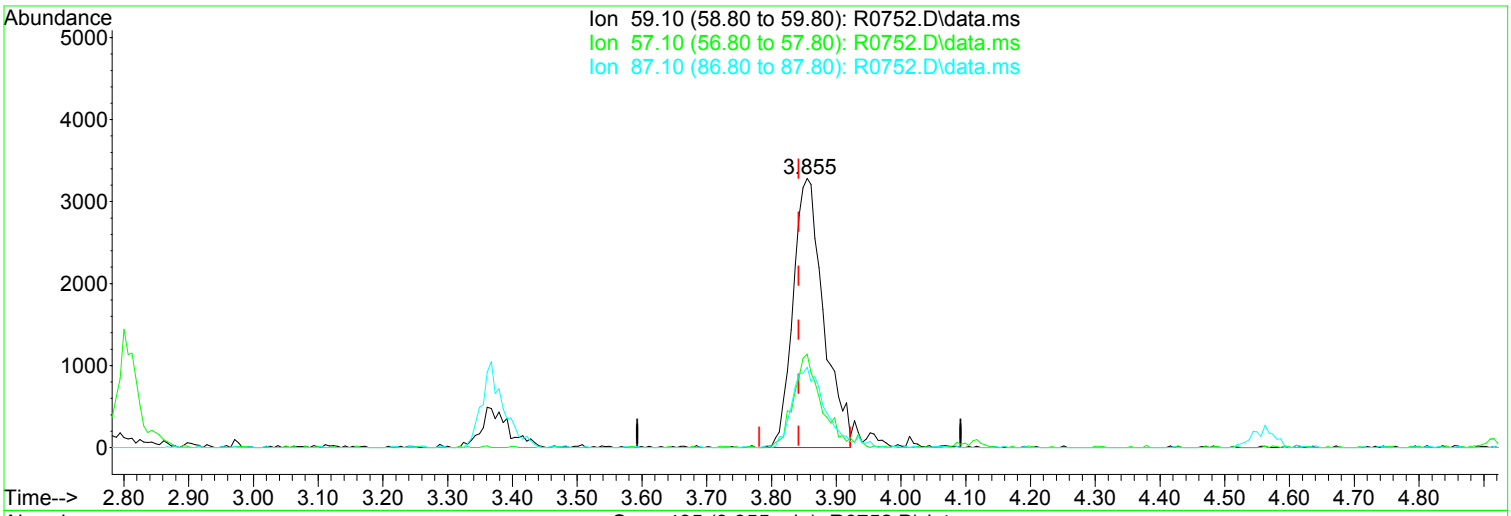
Poor integration.

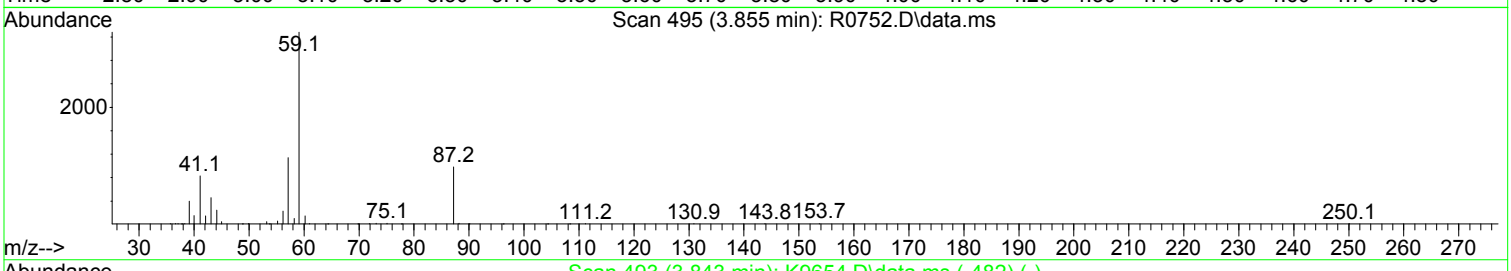
03/13/25

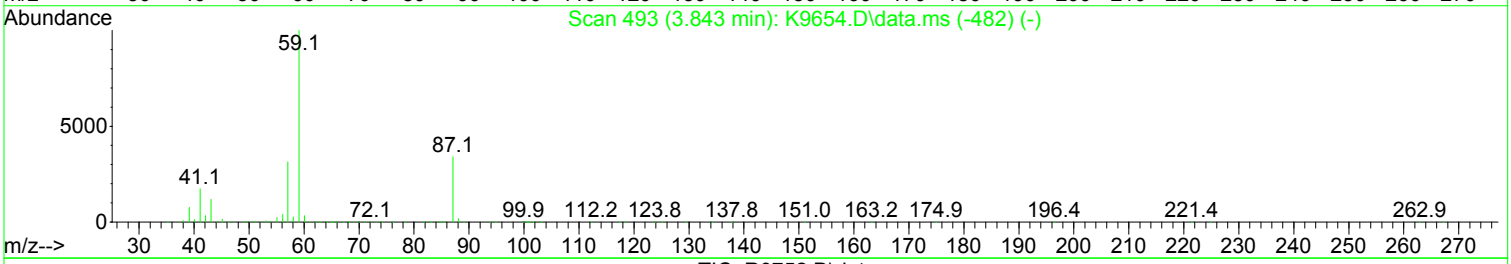
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(31) ETBE

3.855min (+ 0.012) 0.86 ug/L

response 10684

Ion	Exp%	Act%
59.10	100.00	100.00
57.10	31.50	34.75
87.10	34.20	29.87
0.00	0.00	0.00

Manual Integration:

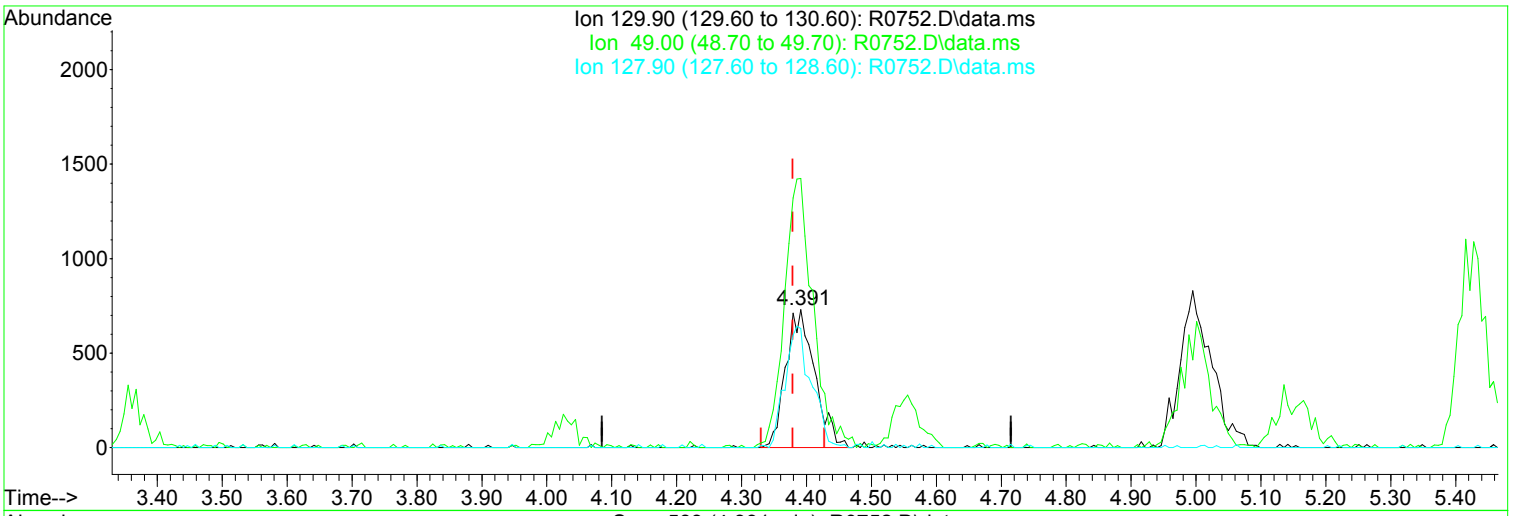
Before

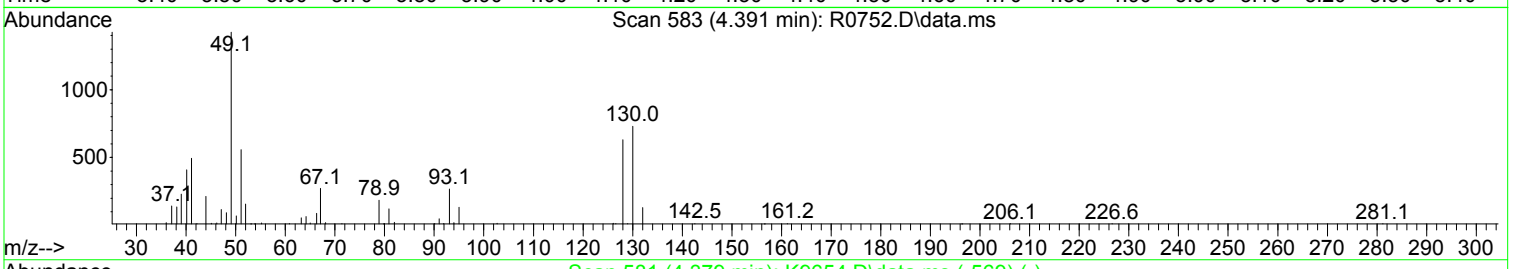
03/13/25

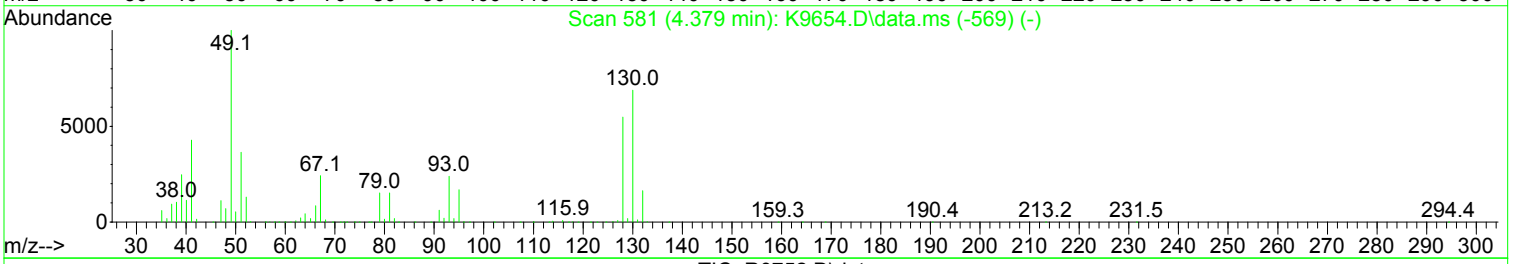
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(36) Bromochloromethane

4.391min (+ 0.012) 0.99 ug/L m

response 2260

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	145.40	194.80#
127.90	79.70	86.32
0.00	0.00	0.00

Manual Integration:

After

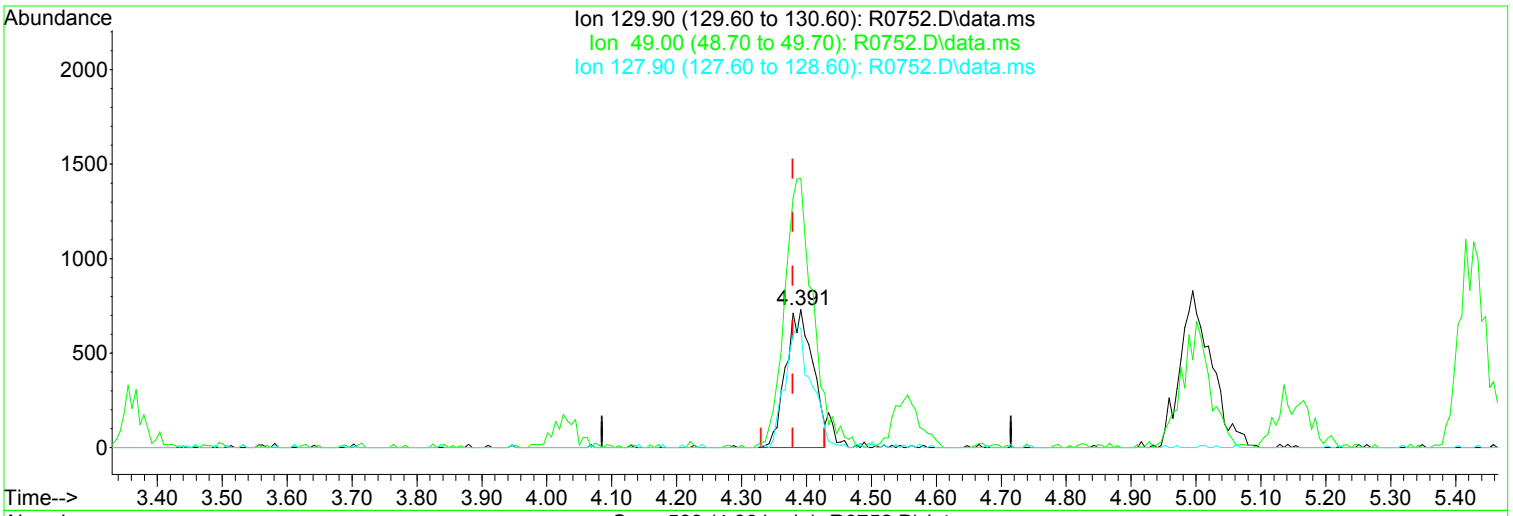
Split Peak.

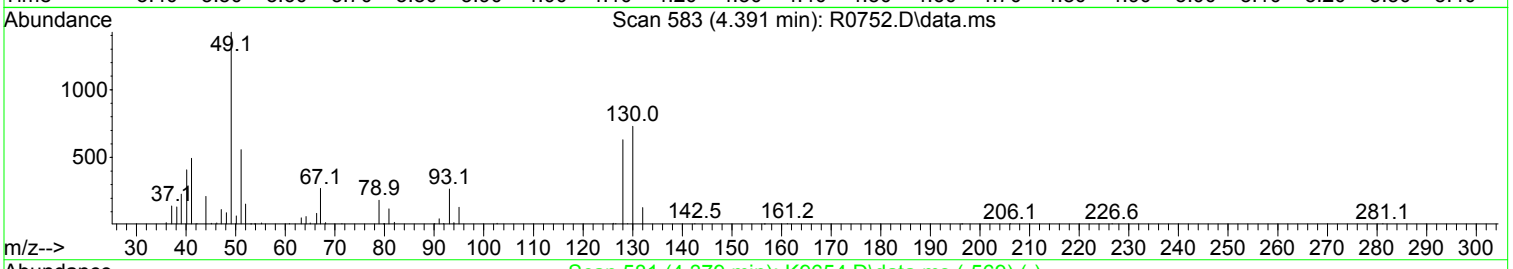
03/13/25

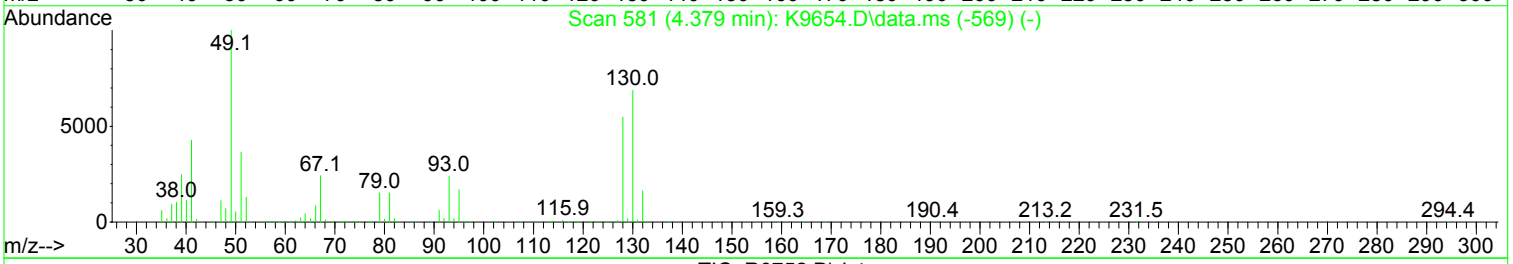
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(36) Bromochloromethane

4.391min (+ 0.012) 0.92 ug/L

response 2110

Ion	Exp%	Act%
129.90	100.00	100.00
49.00	145.40	194.80#
127.90	79.70	86.32
0.00	0.00	0.00

Manual Integration:

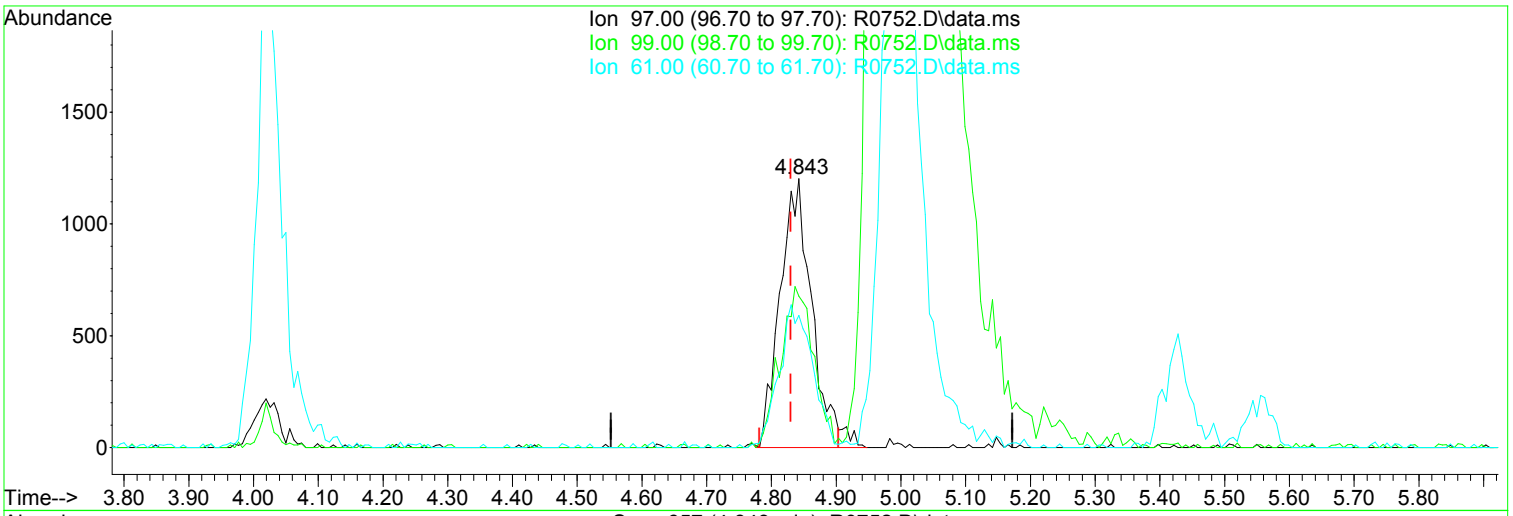
Before

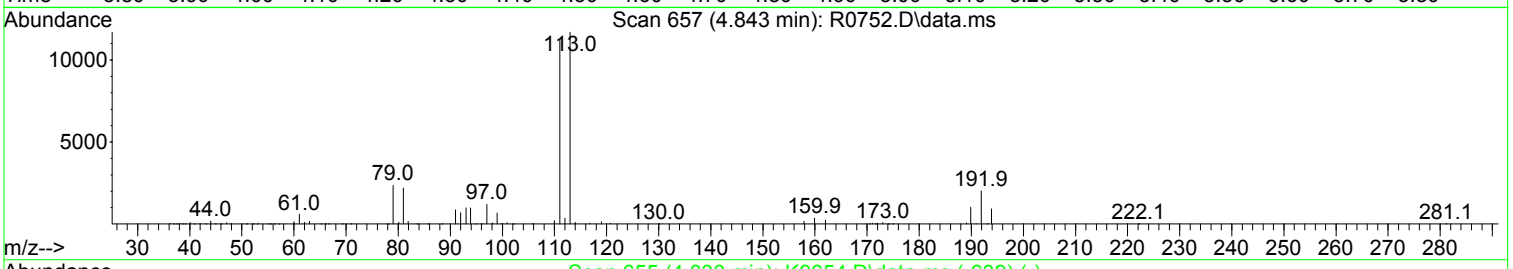
03/13/25

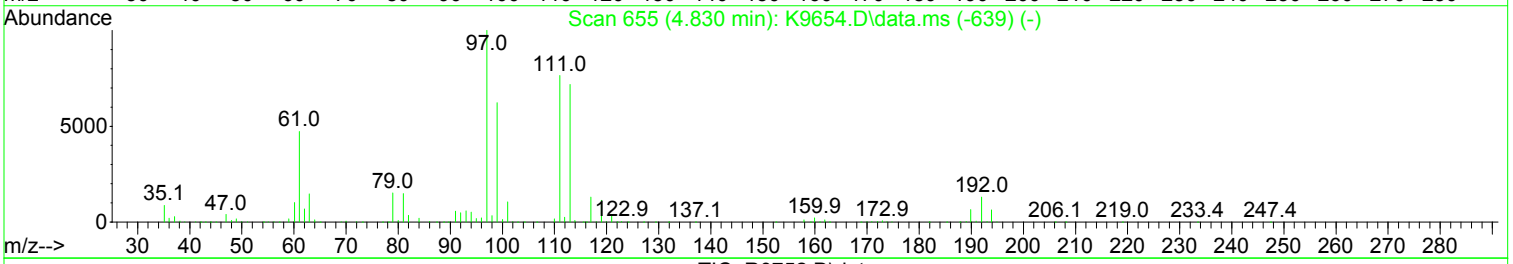
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.843min (+ 0.012) 0.86 ug/L m

response 4131

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	56.28
61.00	47.30	49.13
0.00	0.00	0.00

Manual Integration:

After

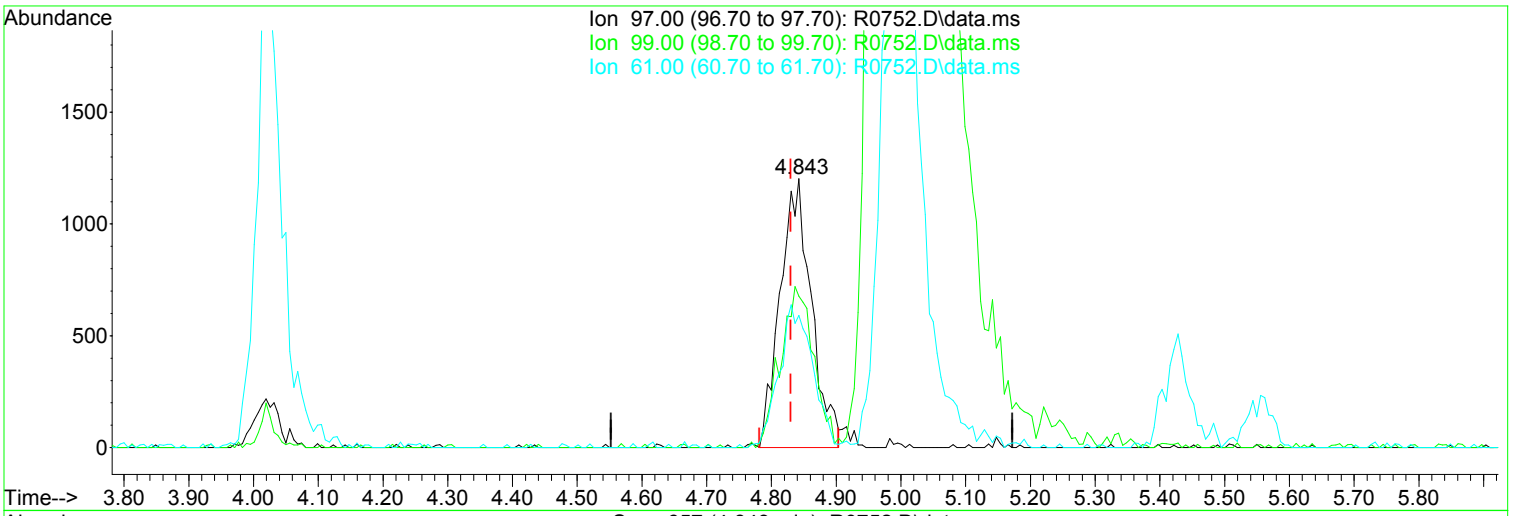
Poor integration.

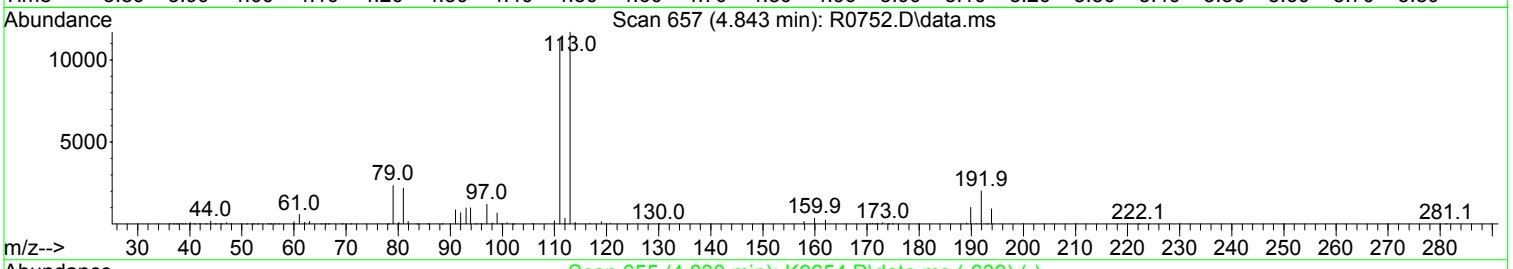
03/13/25

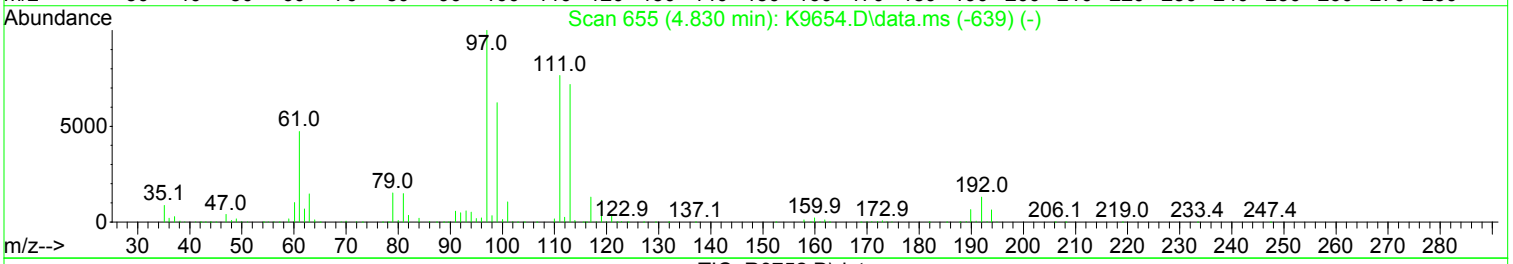
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.843min (+ 0.012) 0.84 ug/L

response 4020

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	56.28
61.00	47.30	49.13
0.00	0.00	0.00

Manual Integration:

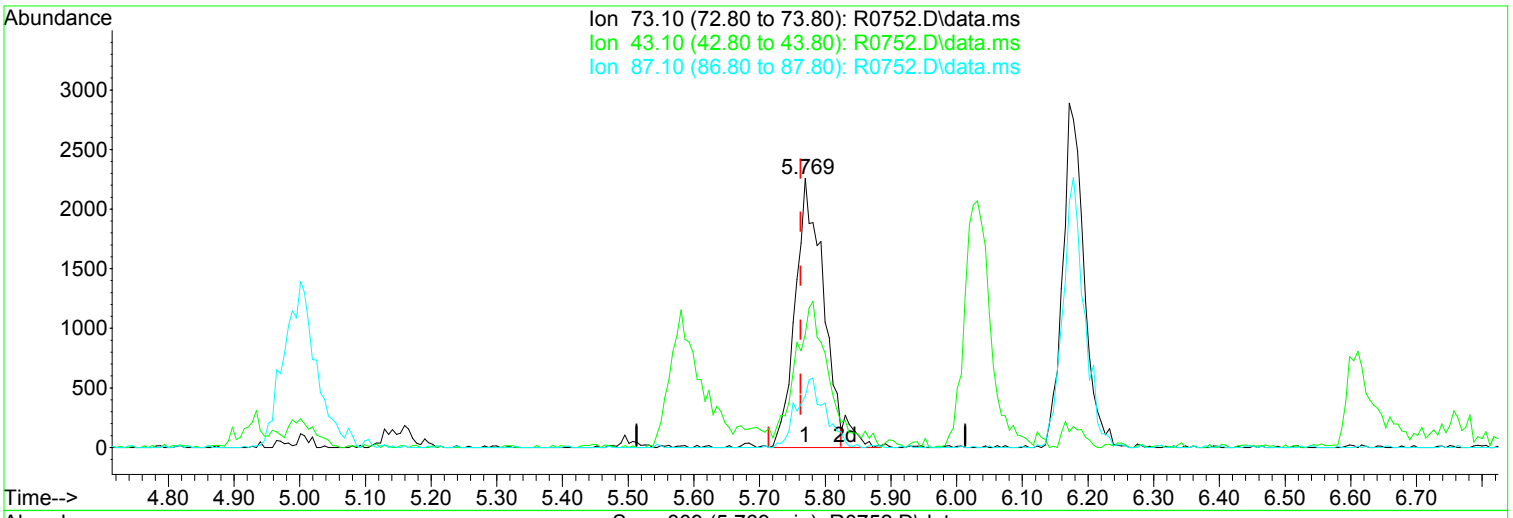
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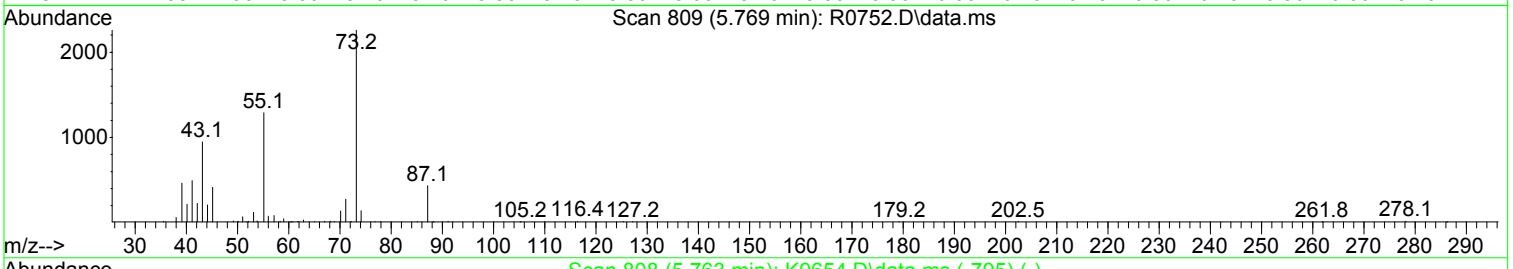
03/13/25

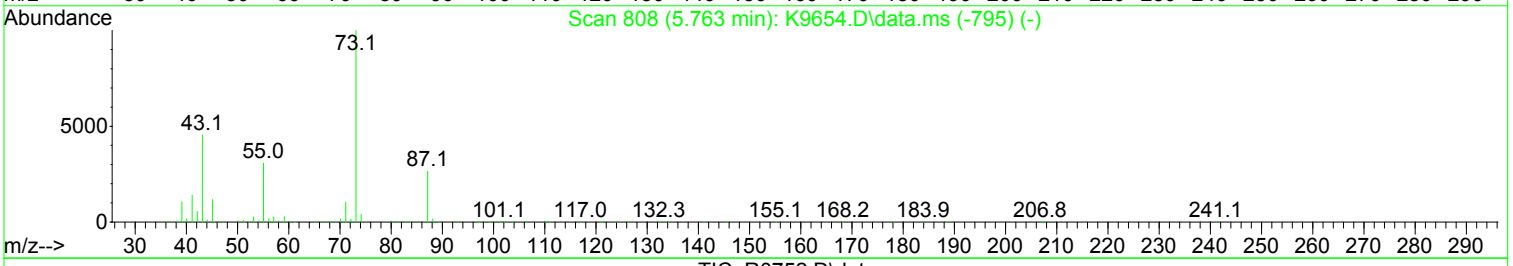
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(41) TAME

5.769min (+ 0.006) 0.85 ug/L m

response 6895

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	46.90	42.05
87.10	26.60	19.18
0.00	0.00	0.00

Manual Integration:

After

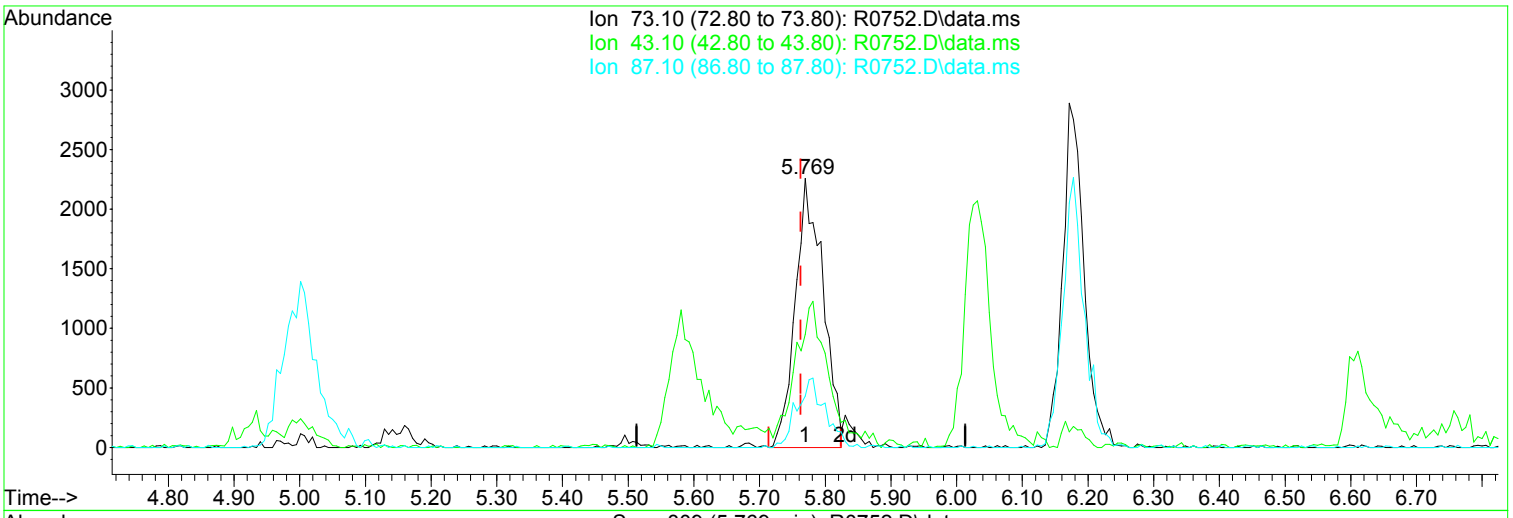
Poor integration.

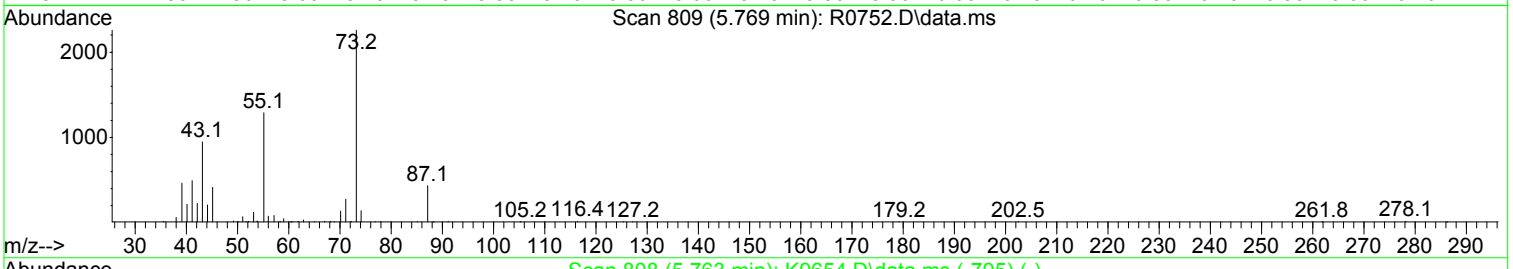
03/13/25

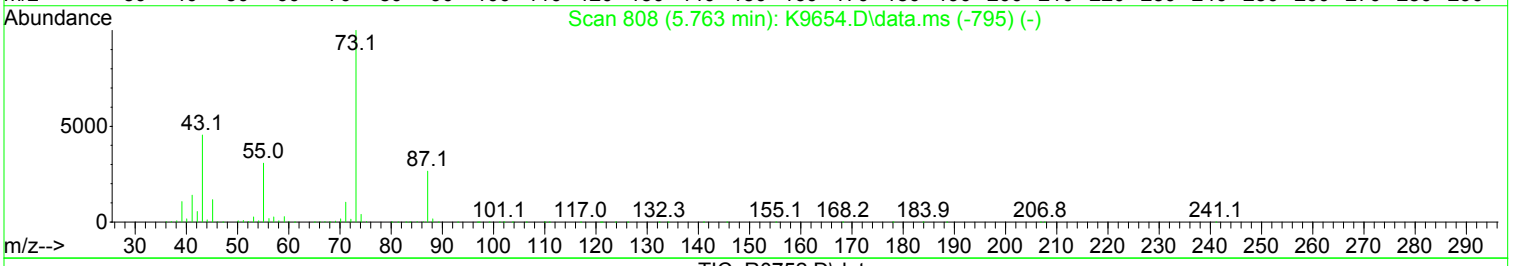
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(41) TAME

5.769min (+ 0.006) 0.81 ug/L

response 6560

Ion	Exp%	Act%
73.10	100.00	100.00
43.10	46.90	42.05
87.10	26.60	19.18
0.00	0.00	0.00

Manual Integration:

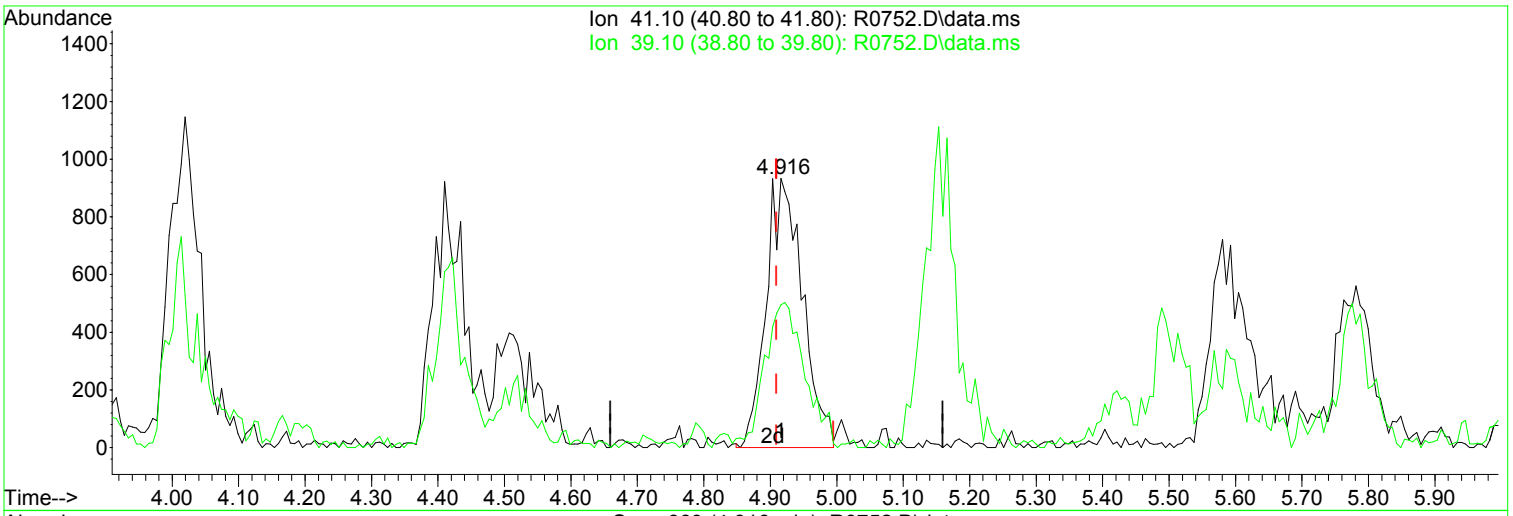
Before

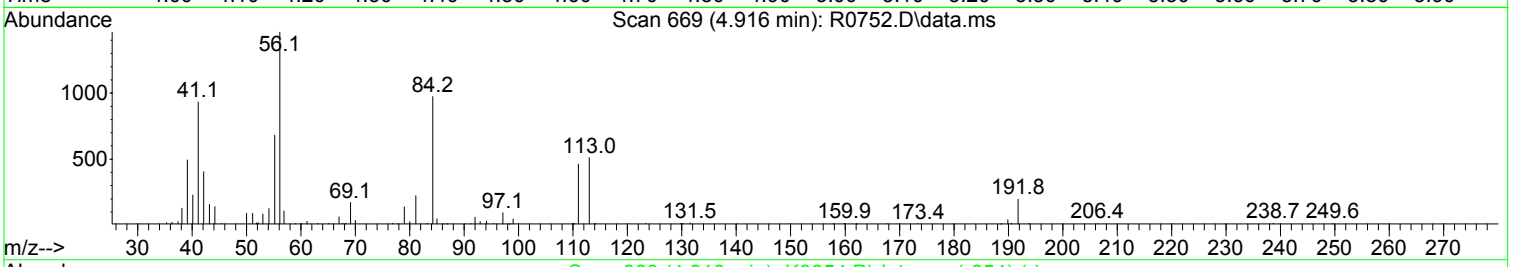
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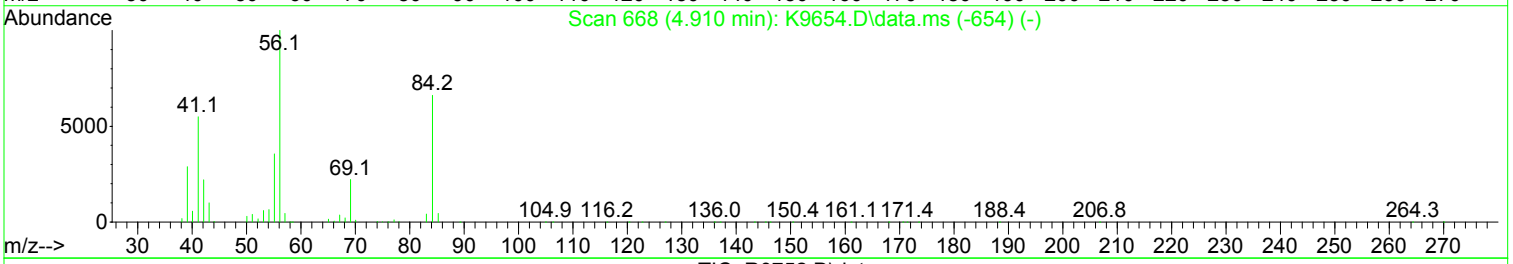
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(43) Cyclohexane (P)

4.916min (+ 0.006) 0.91 ug/L m

response 3542

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	53.20	53.05
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

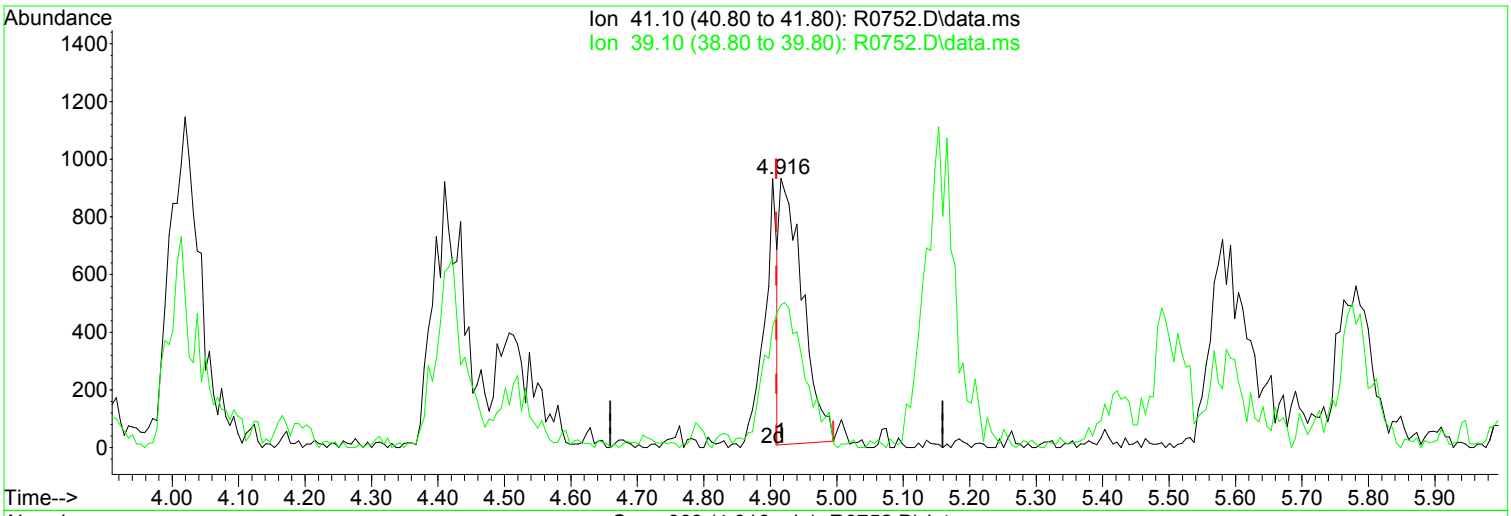
Split Peak.

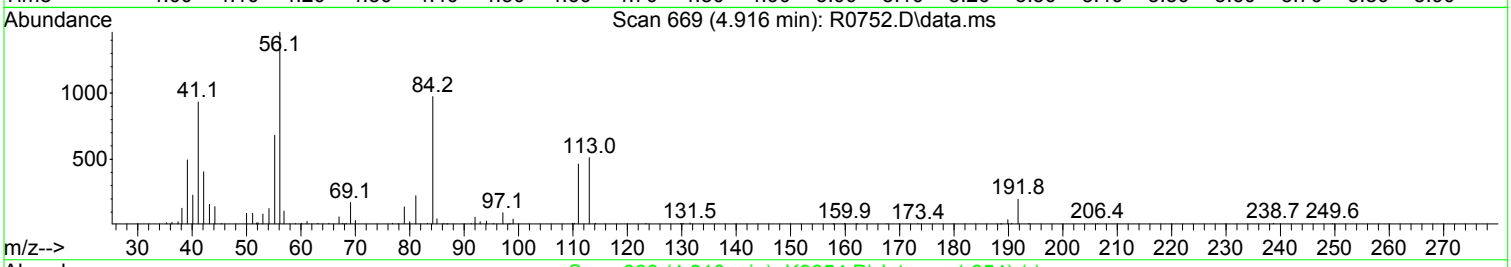
03/13/25

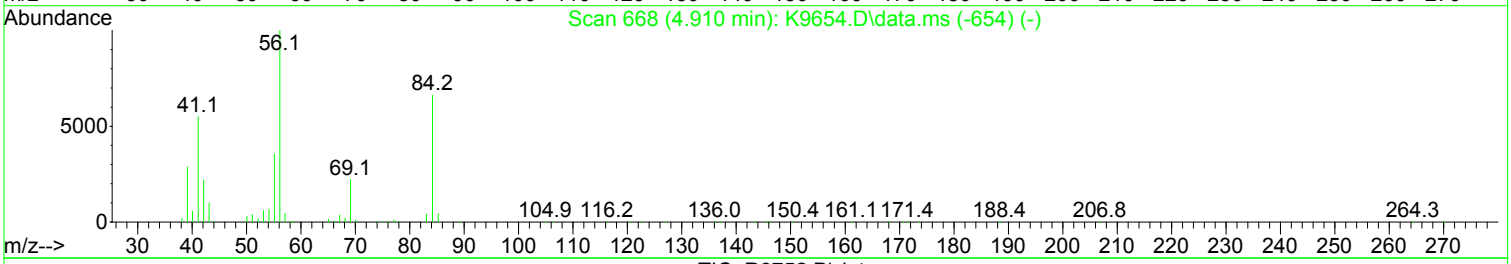
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(43) Cyclohexane (P)

4.916min (+ 0.006) 0.57 ug/L

response 2224

Ion	Exp%	Act%
41.10	100.00	100.00
39.10	53.20	53.05
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

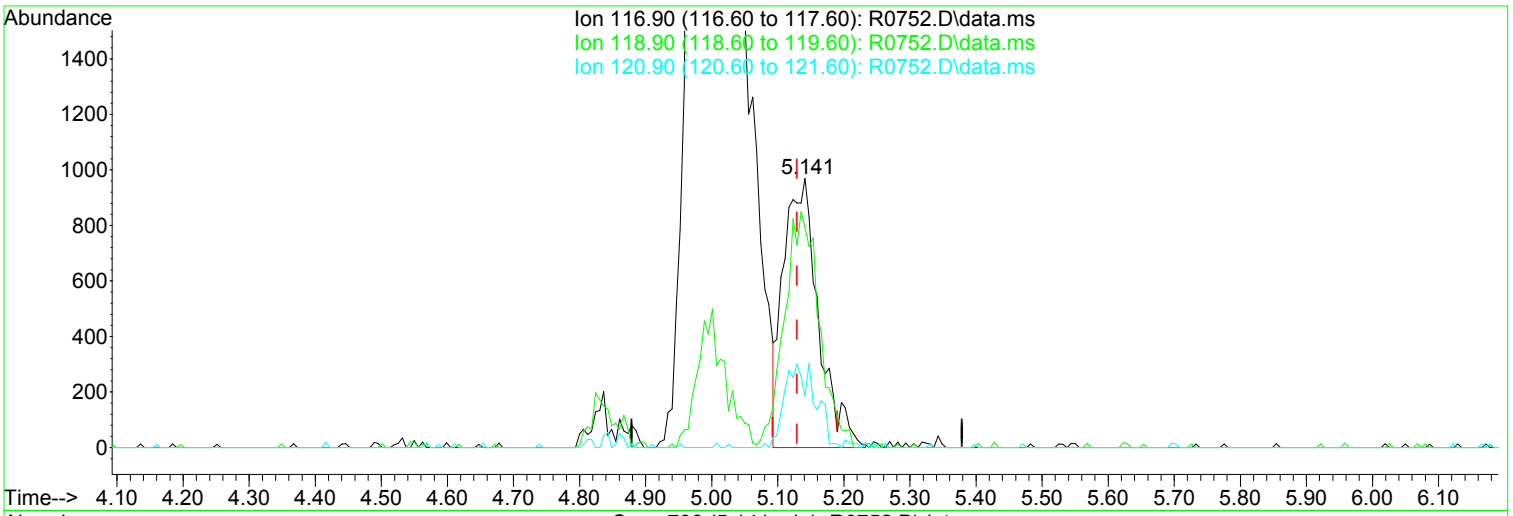
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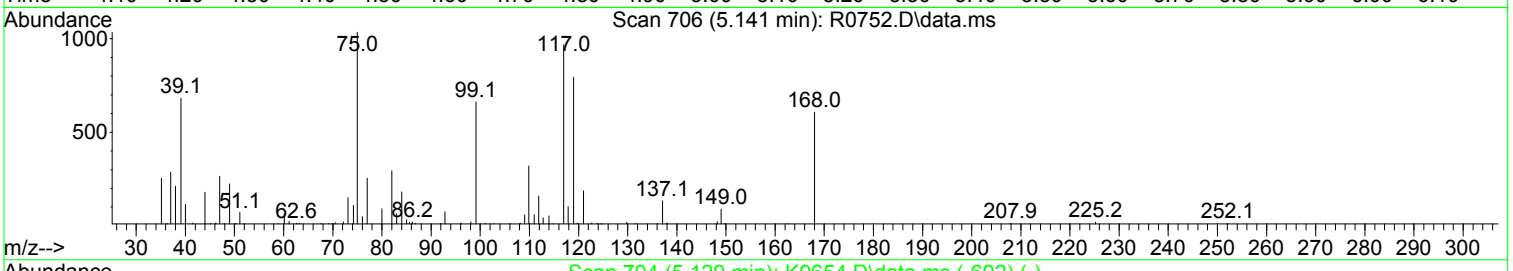
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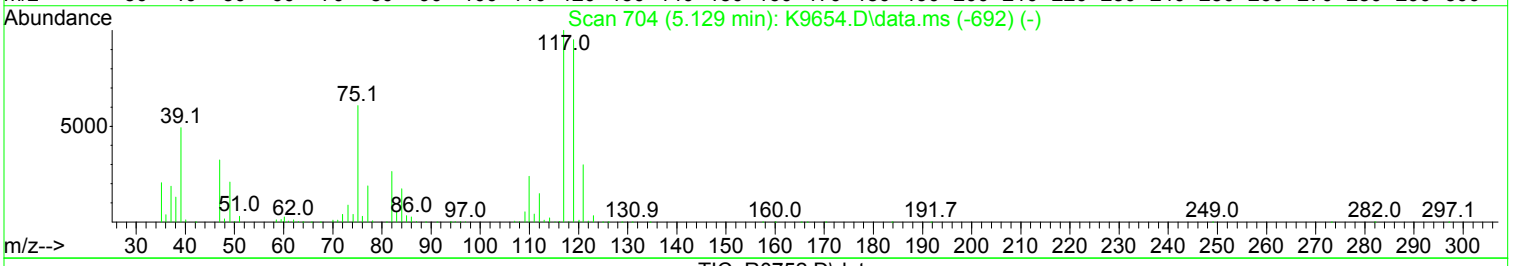
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
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Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(45) Carbontetrachloride (P)

5.141min (+ 0.012) 0.85 ug/L m

response 3554

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	94.00	81.94
120.90	29.50	19.20
0.00	0.00	0.00

Manual Integration:

After

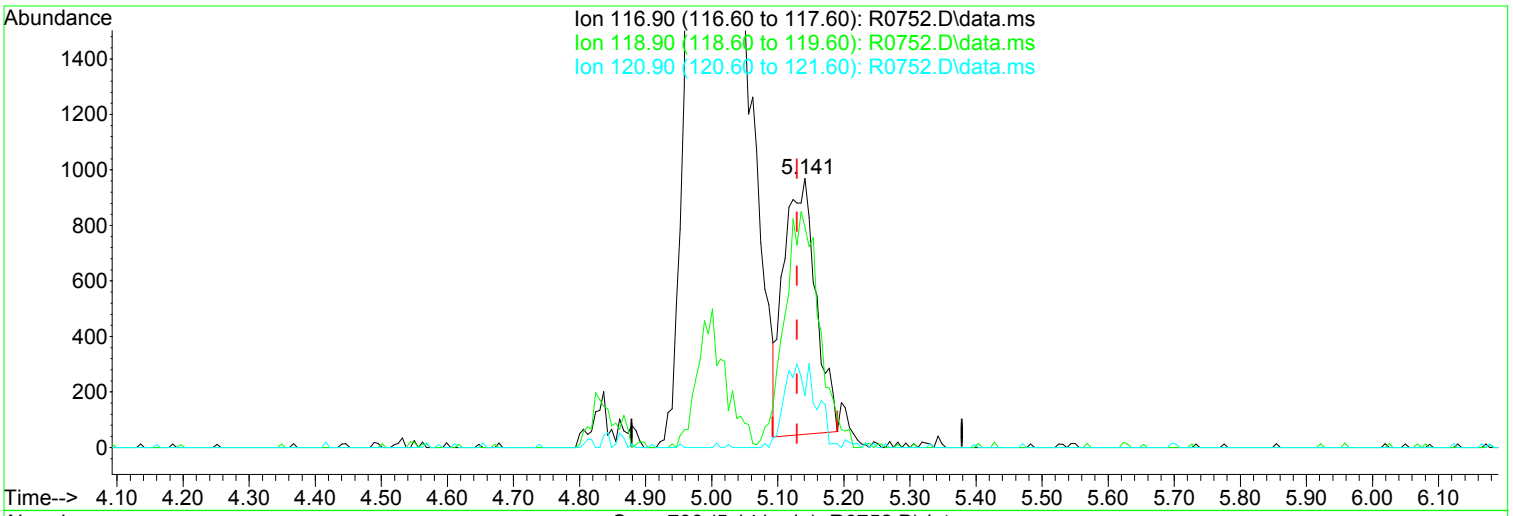
Poor integration.

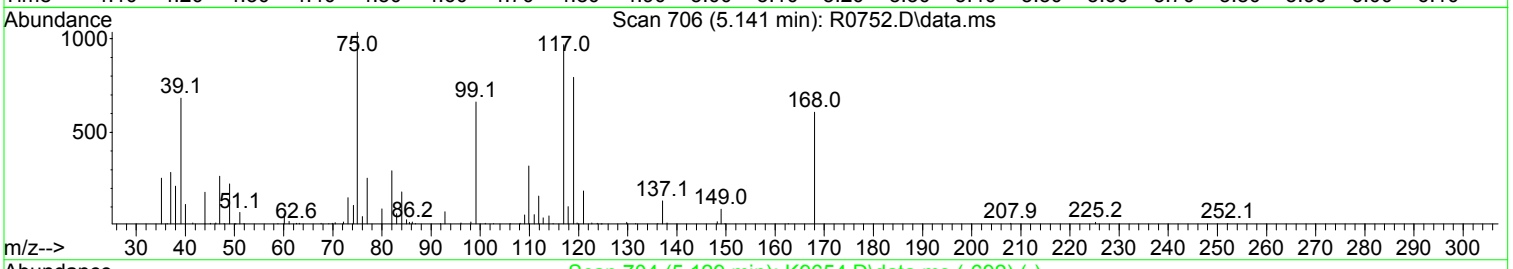
03/13/25

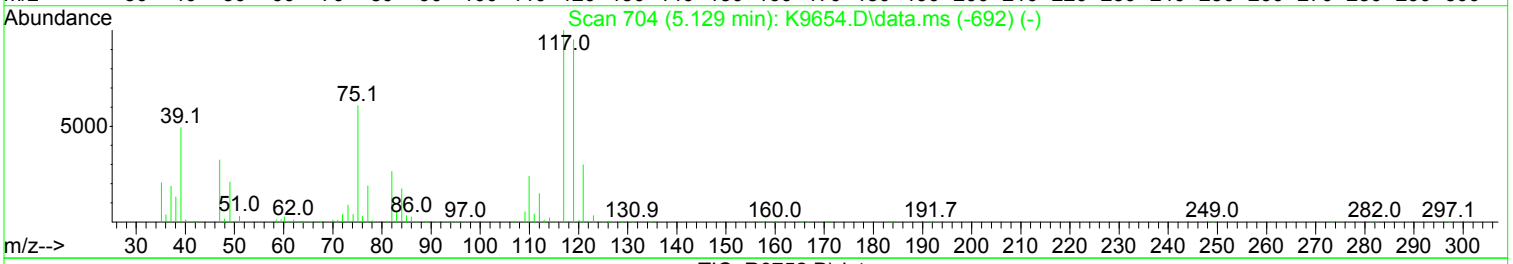
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(45) Carbontetrachloride (P)

5.141min (+ 0.012) 0.74 ug/L

response 3098

Ion	Exp%	Act%
116.90	100.00	100.00
118.90	94.00	81.94
120.90	29.50	19.20
0.00	0.00	0.00

Manual Integration:

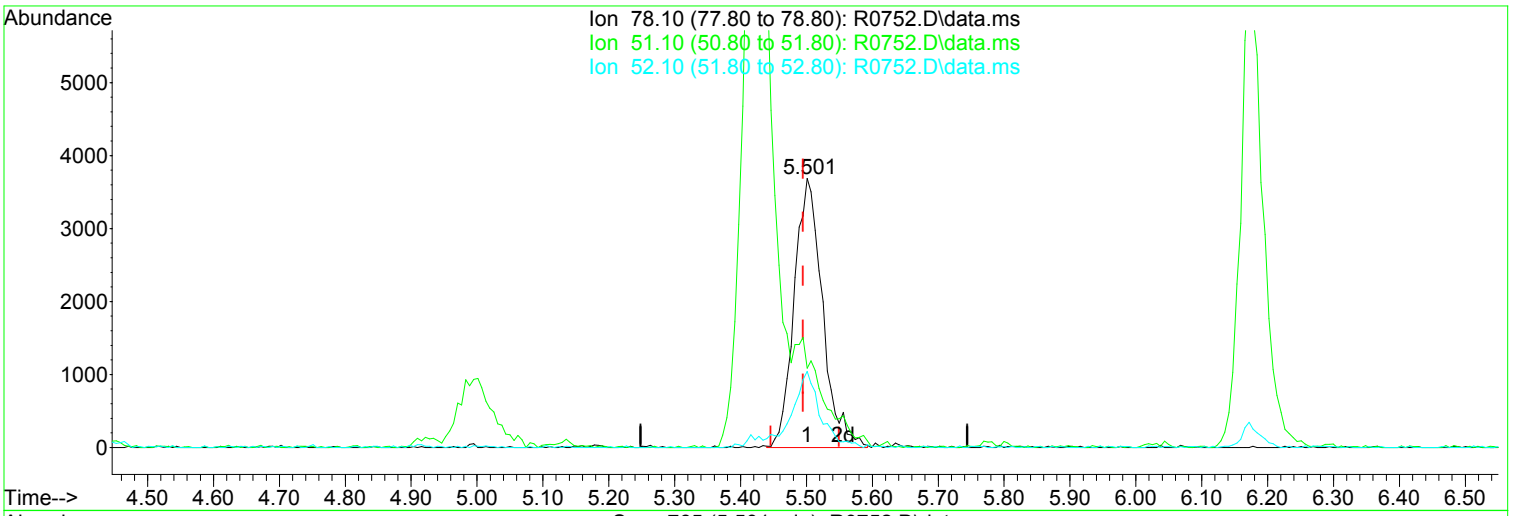
Before

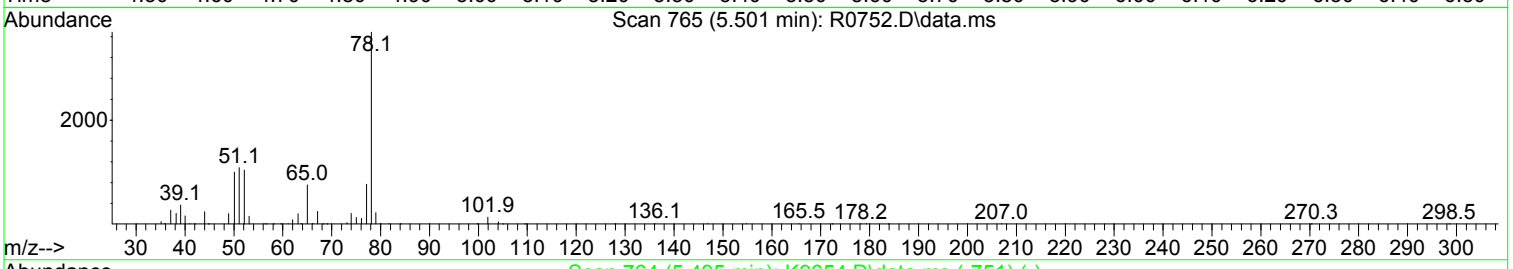
03/13/25

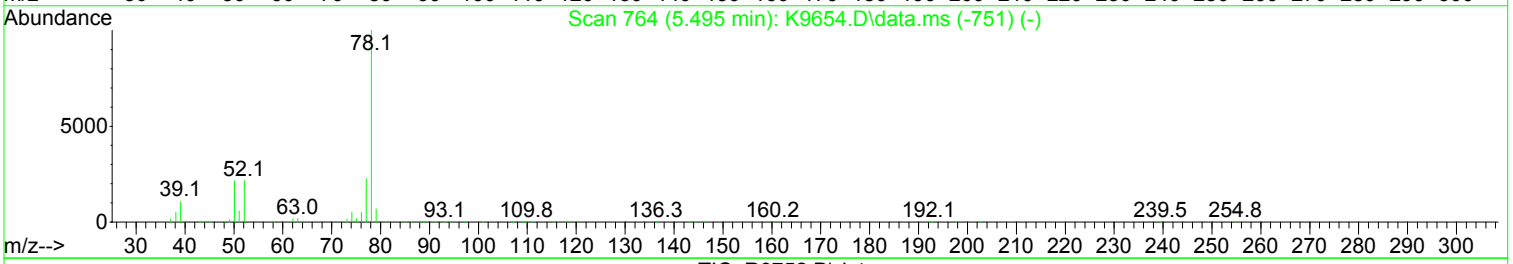
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(48) Benzene (P)

5.501min (+ 0.006) 0.94 ug/L m

response 10991

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.90	29.54
52.10	21.90	28.30
0.00	0.00	0.00

Manual Integration:

After

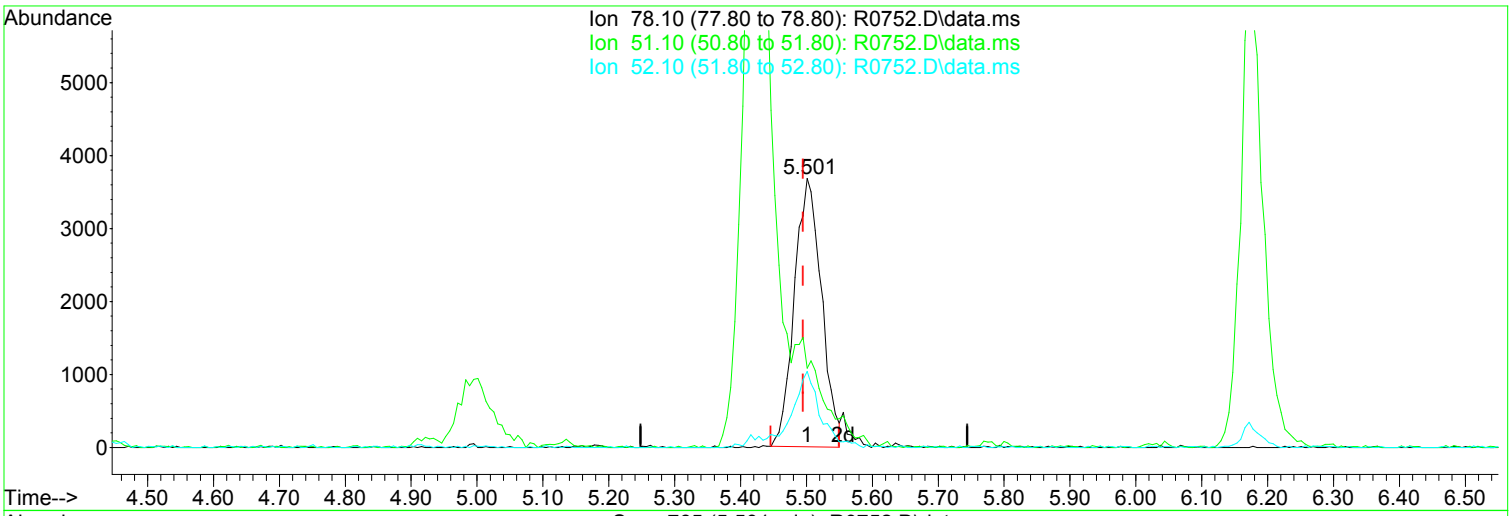
Poor integration.

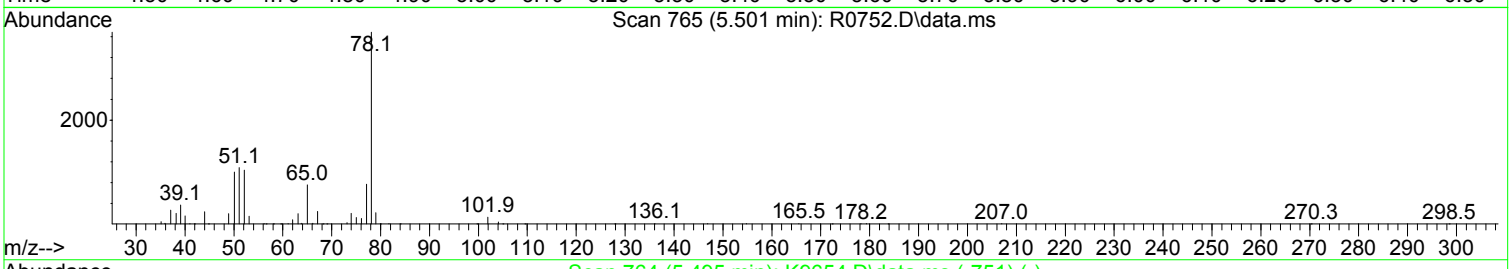
03/13/25

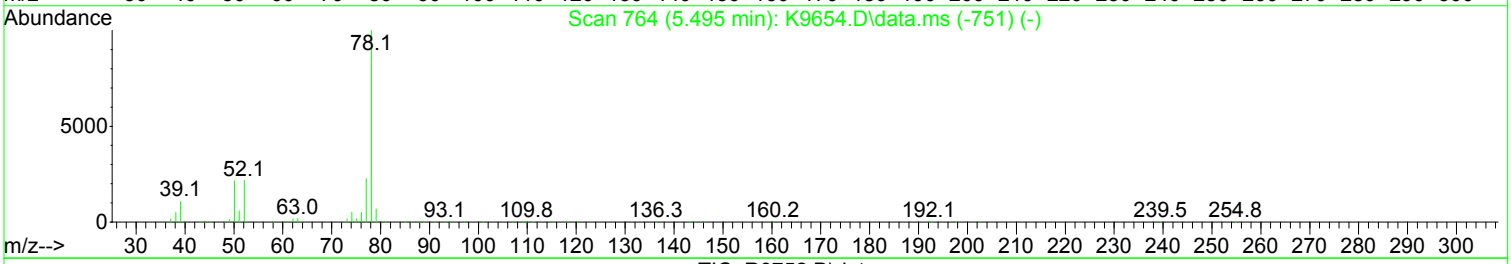
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(48) Benzene (P)

5.501min (+ 0.006) 0.89 ug/L

response 10488

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.90	29.54
52.10	21.90	28.30
0.00	0.00	0.00

Manual Integration:

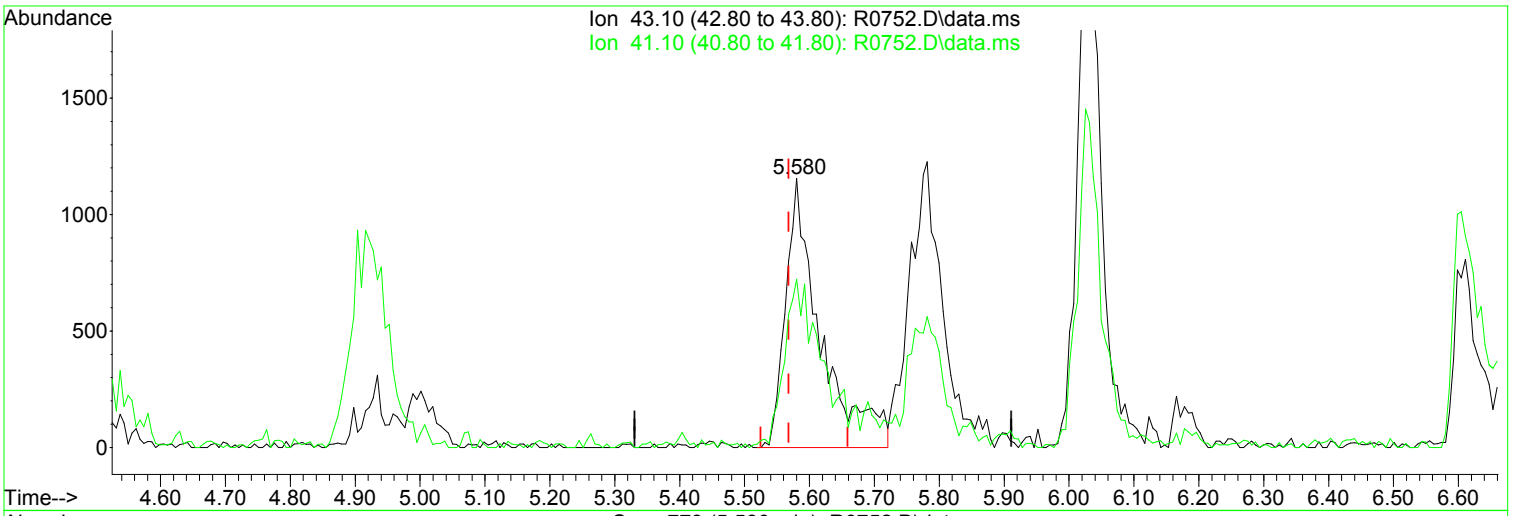
Before

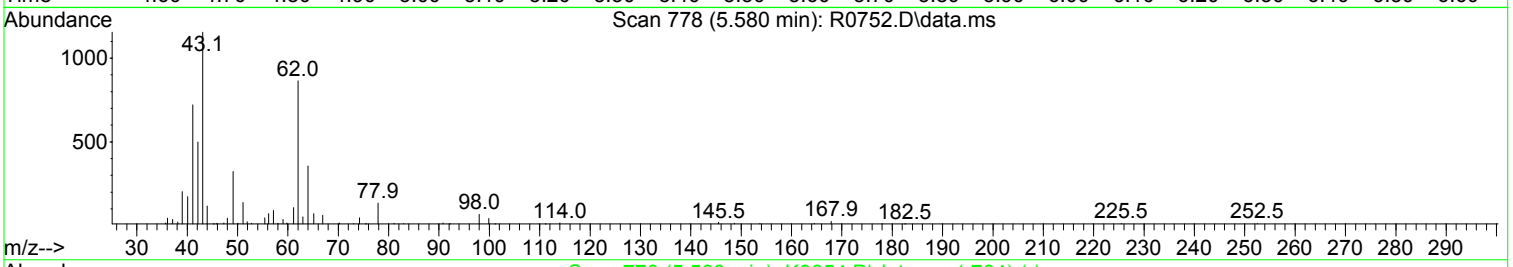
03/13/25

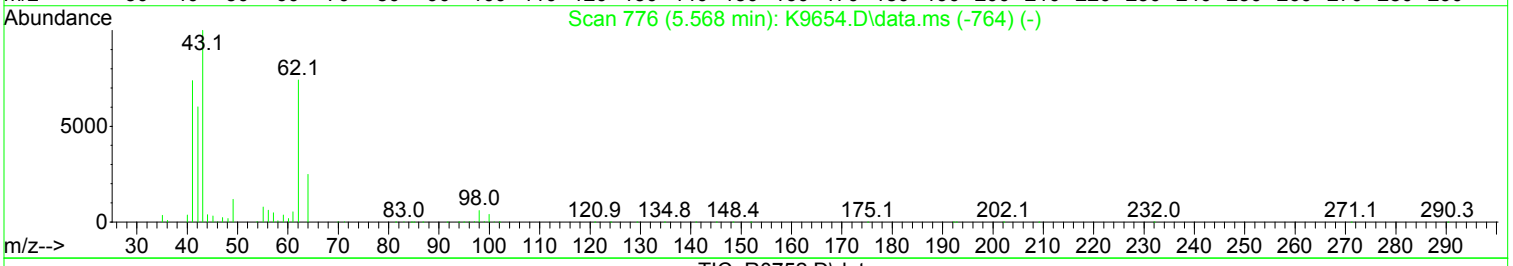
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(50) Iso-Butyl Alcohol

5.580min (+ 0.012) 16.03 ug/L m

response 4298

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.80	62.51
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

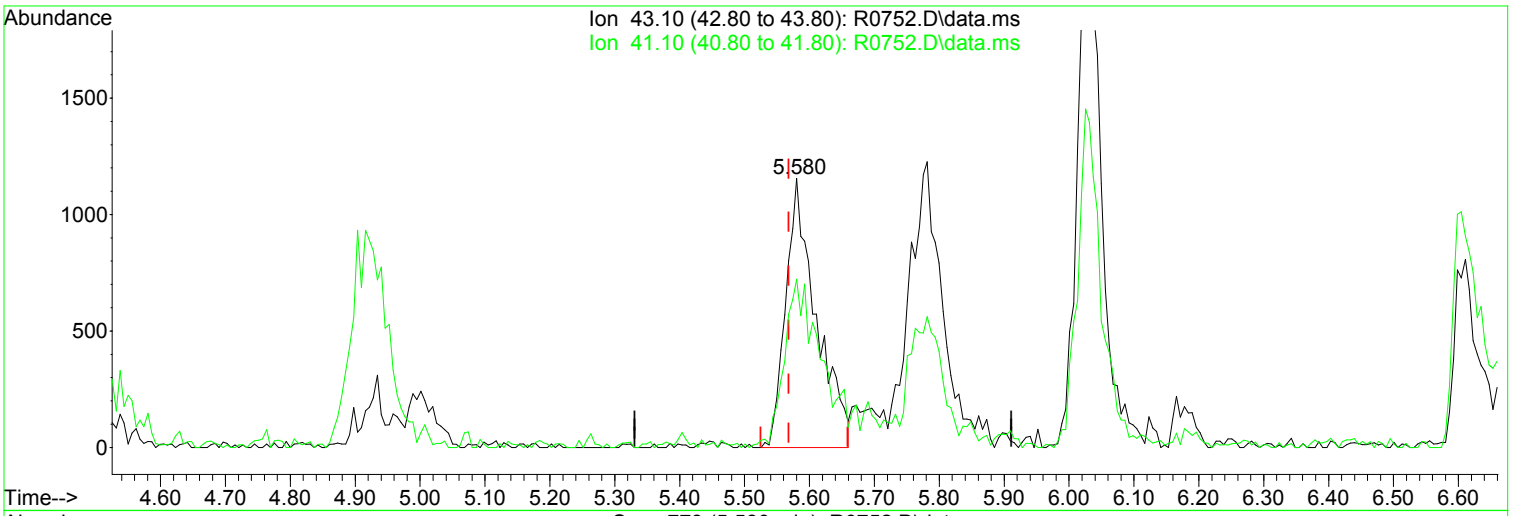
Poor integration.

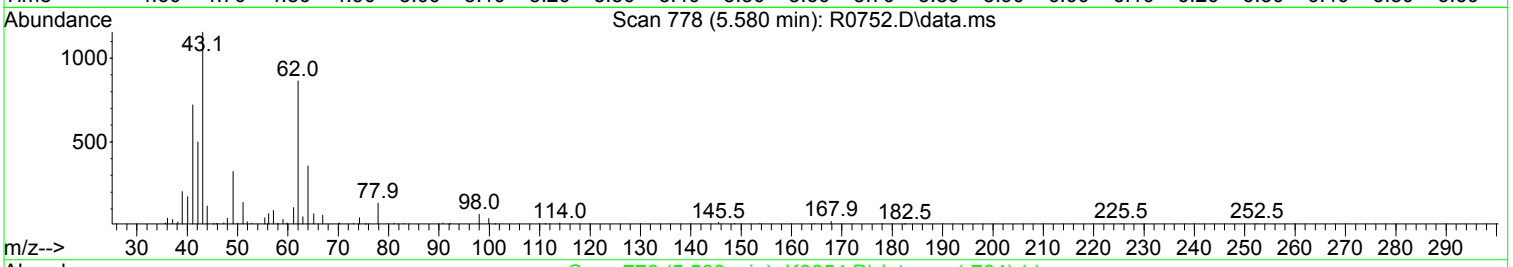
03/13/25

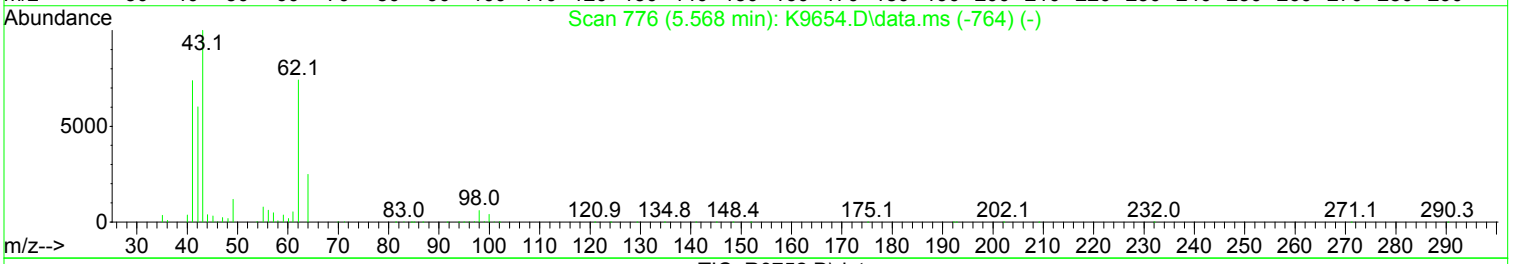
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(50) Iso-Butyl Alcohol

5.580min (+ 0.012) 13.98 ug/L

response 3747

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.80	62.51
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

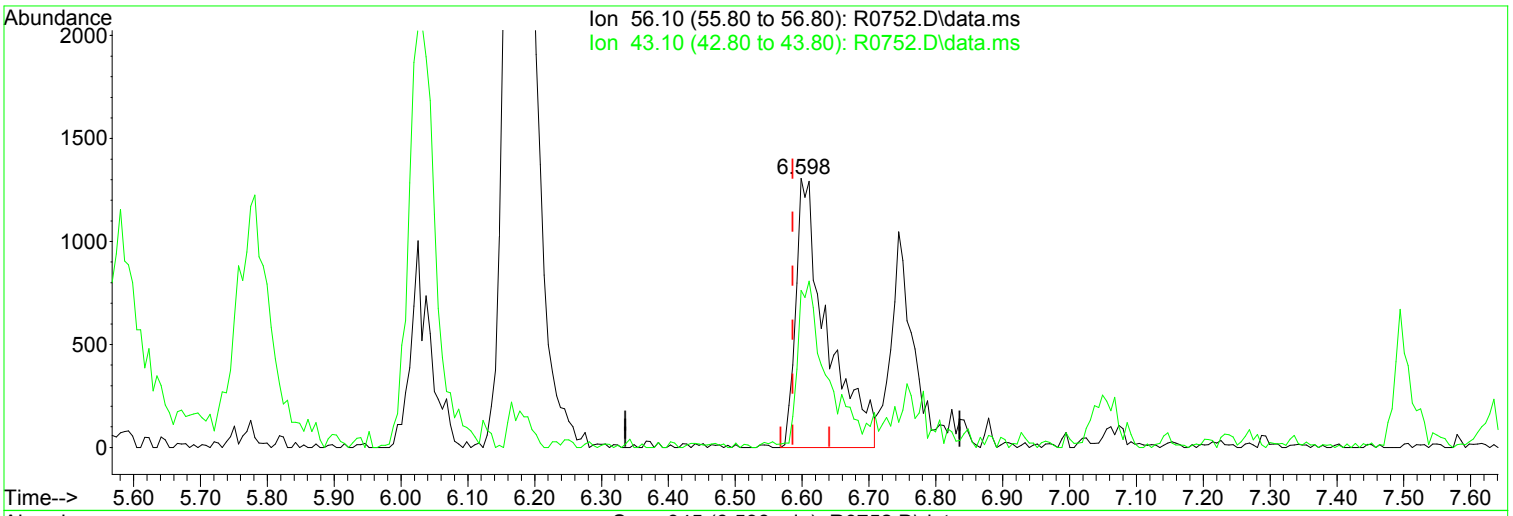
Before

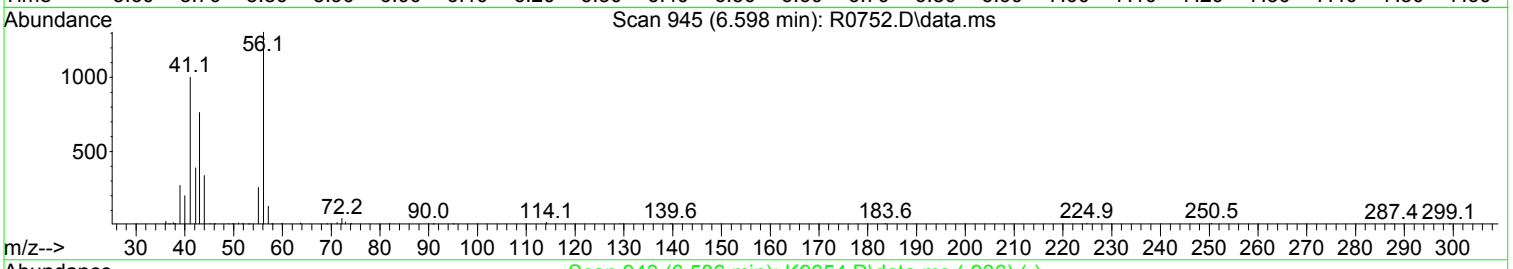
03/13/25

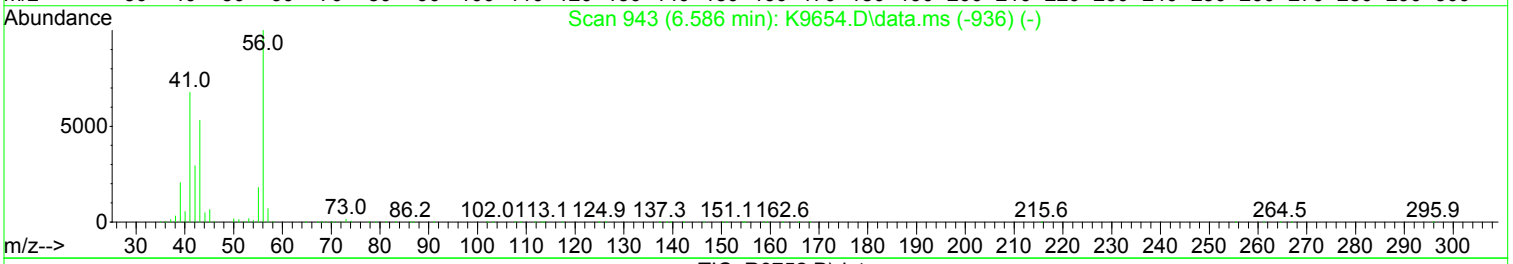
Quantitation Report (Qedit)

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Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(52) 1-Butanol

6.598min (+ 0.012) 26.71 ug/L m

response 4208

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	53.30	58.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

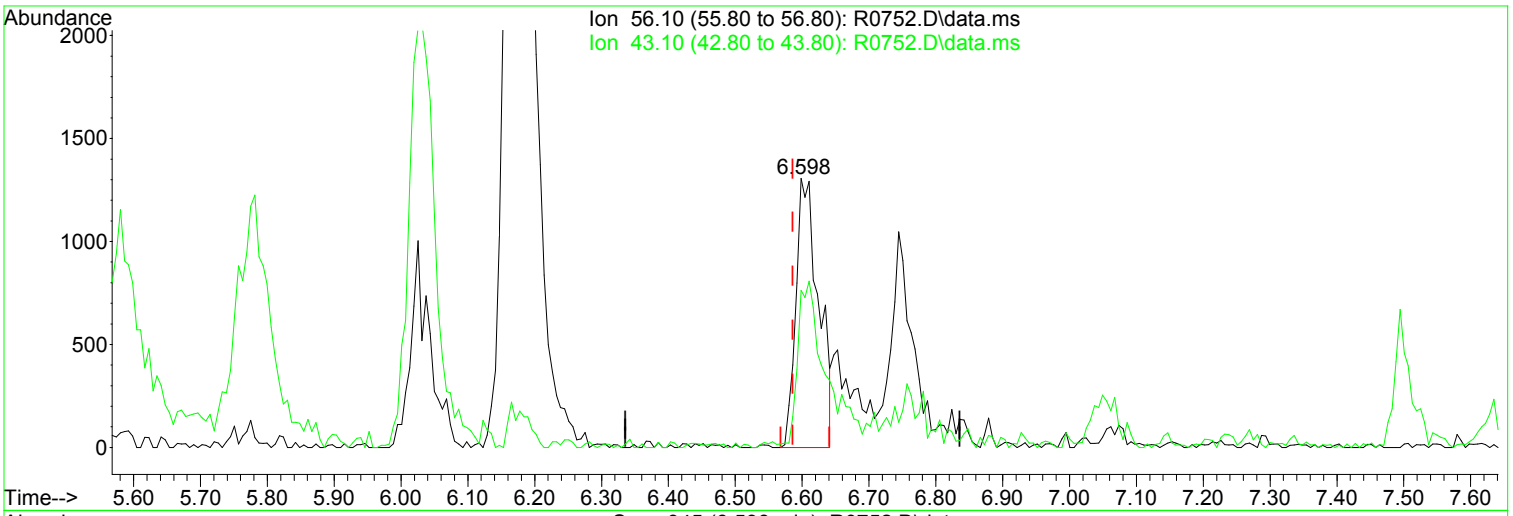
Poor integration.

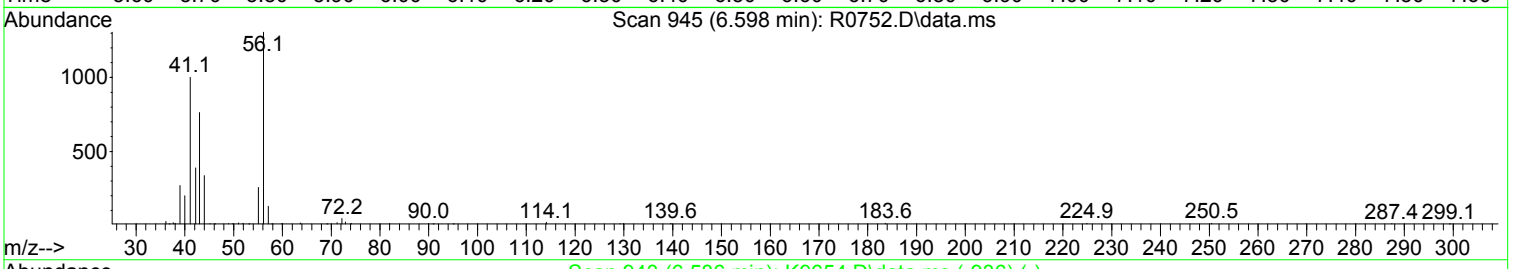
03/13/25

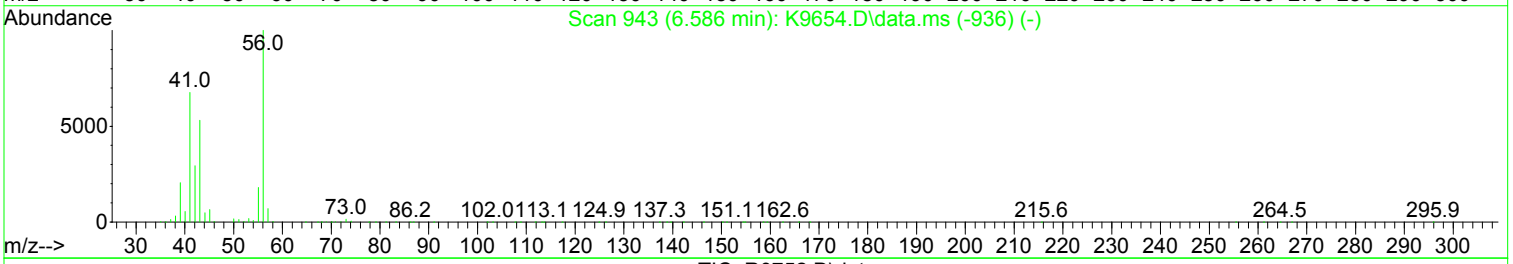
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
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Operator : K.Ruest
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Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(52) 1-Butanol

6.598min (+ 0.012) 19.59 ug/L

response 3086

Ion	Exp%	Act%
56.10	100.00	100.00
43.10	53.30	58.35
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

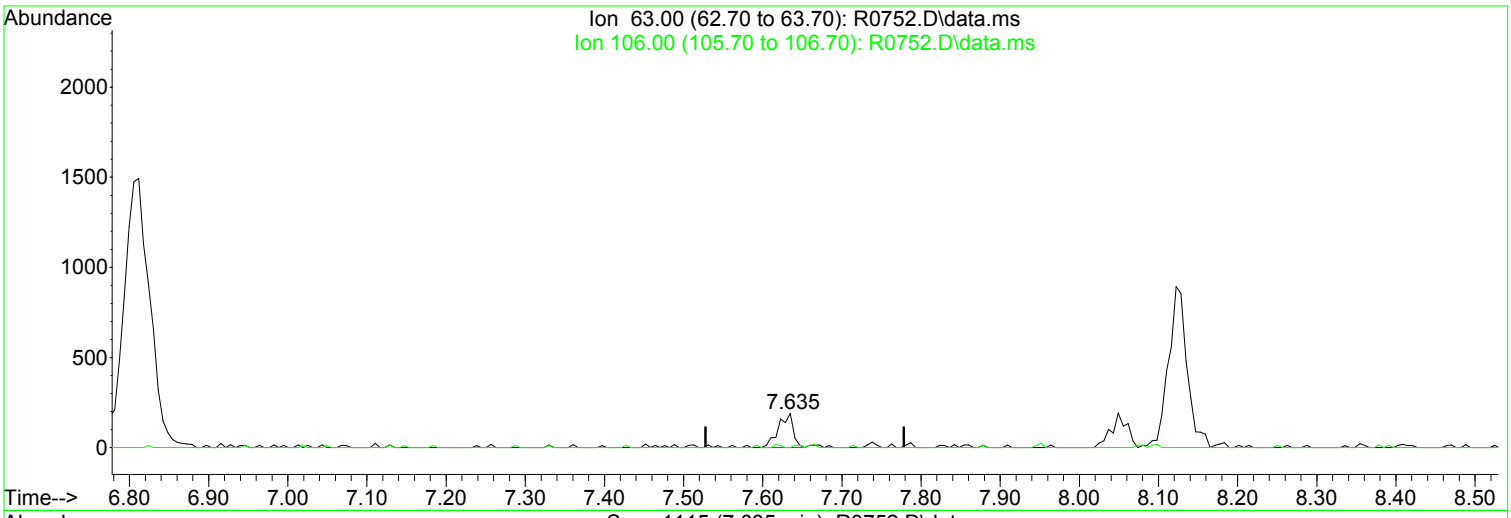
Before

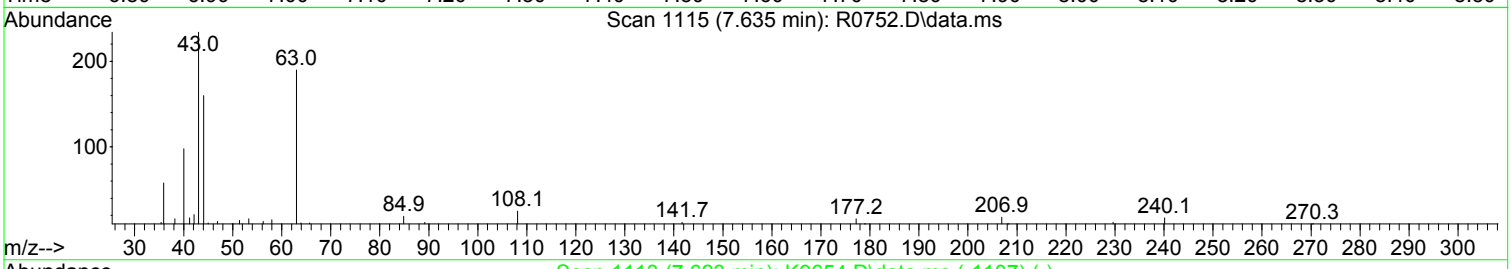
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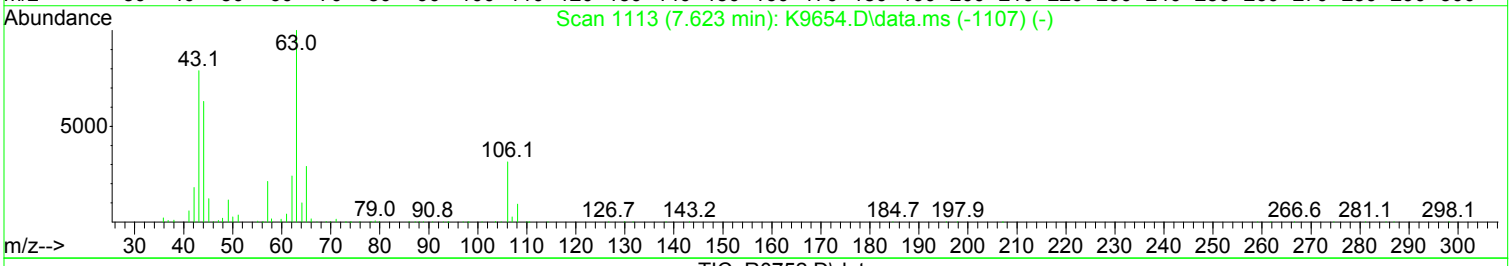
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
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Acq On : 12 Mar 2025 11:59 am
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Misc : WATER ICAL
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TIC: R0752.D\data.ms

(61) 2-Chloroethylvinyl Ether

7.635min (+ 0.013) 0.51 ug/L m

response 247

Ion	Exp%	Act%
63.00	100.00	100.00
106.00	29.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

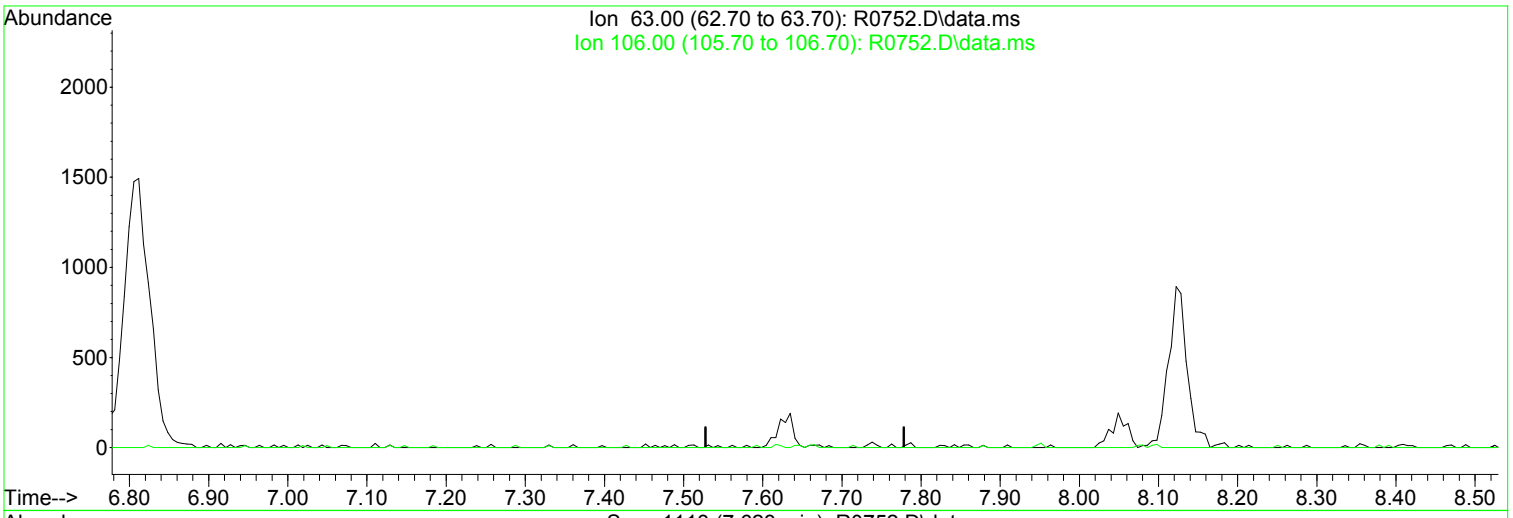
Peak not found.

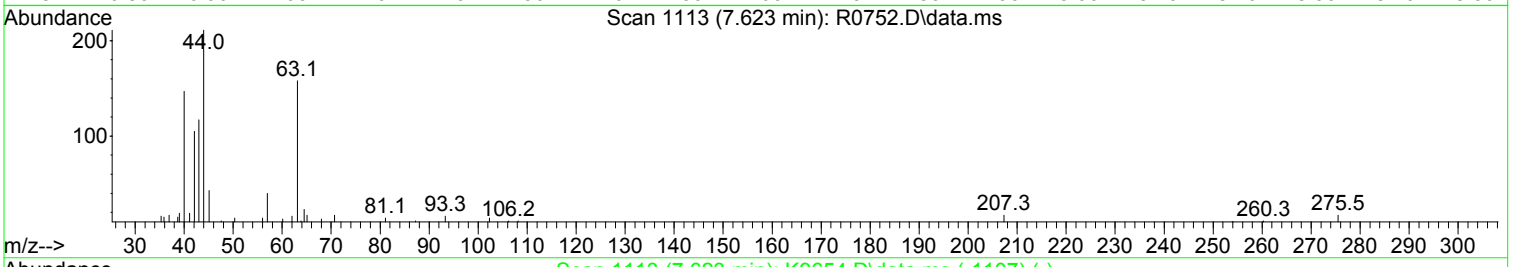
03/13/25

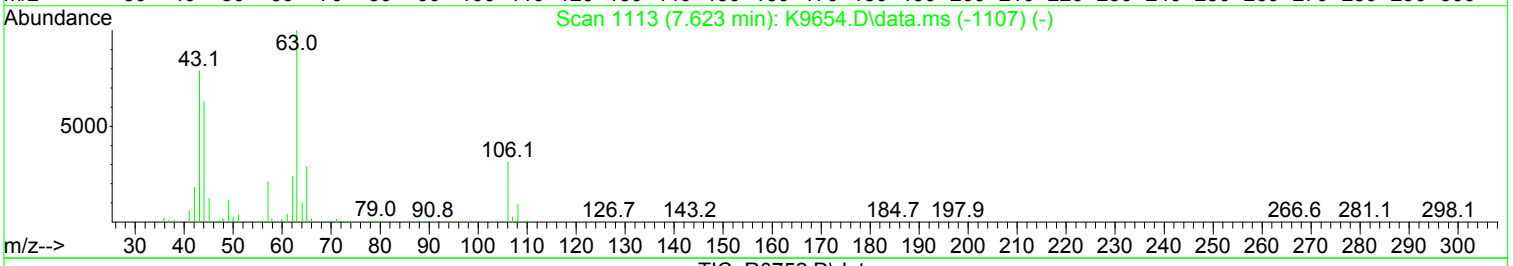
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(61) 2-Chloroethylvinyl Ether

7.622min (-7.622) 0.00 ug/L

response 0

Ion	Exp%	Act%
63.00	100.00	0.00
106.00	29.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

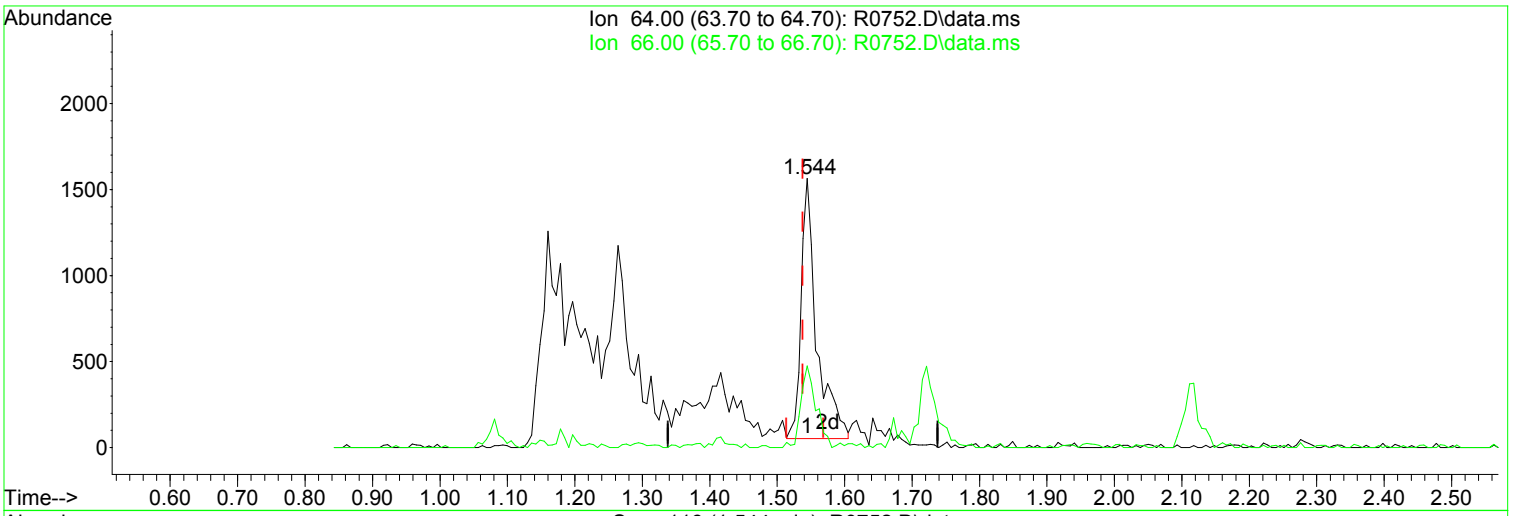
Before

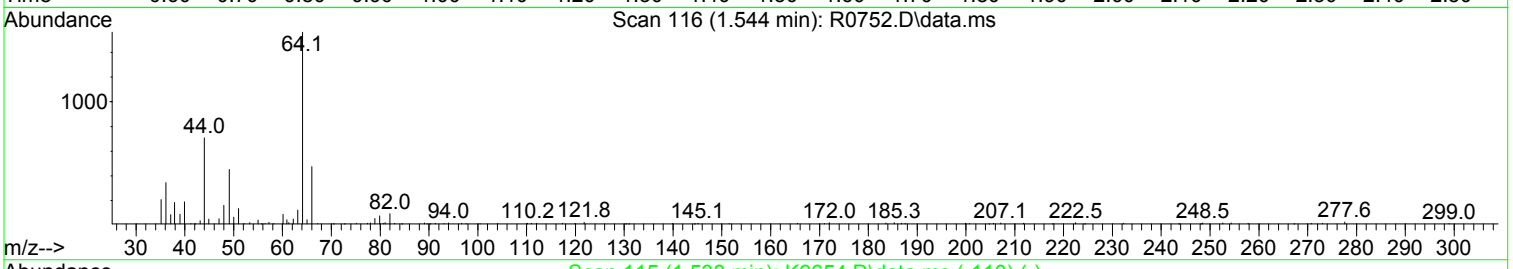
03/13/25

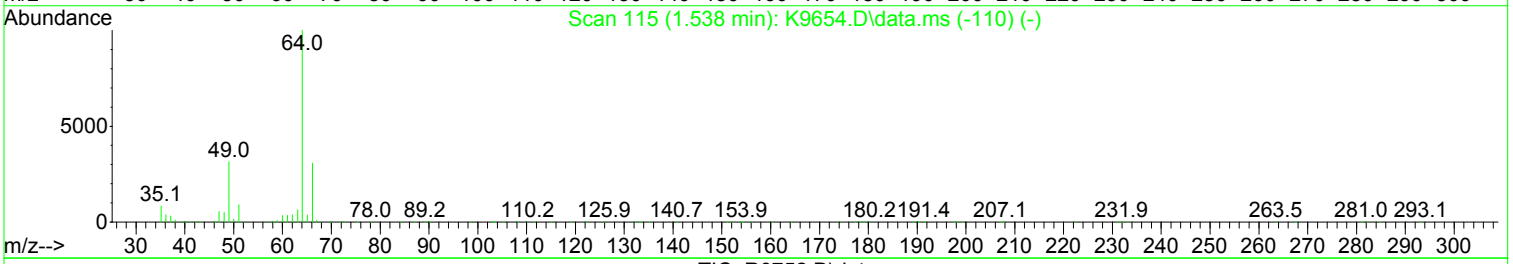
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(7) Chloroethane (P)

1.544min (+ 0.006) 1.00 ug/L m

response 2405

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.80	30.31
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

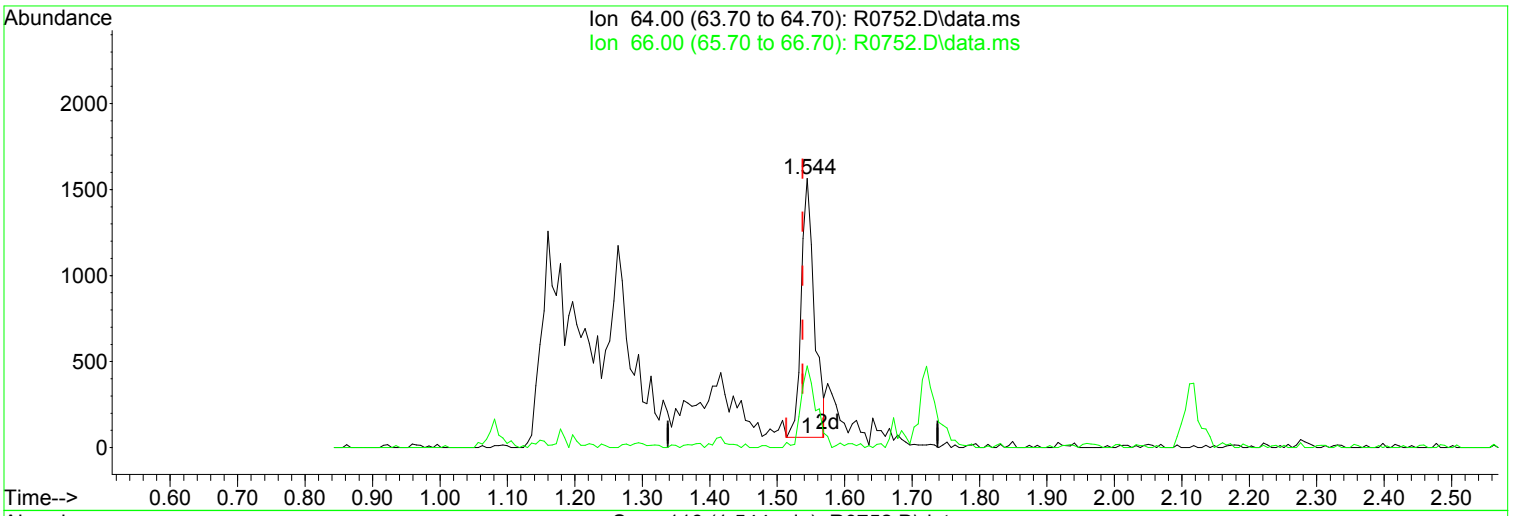
Poor integration.

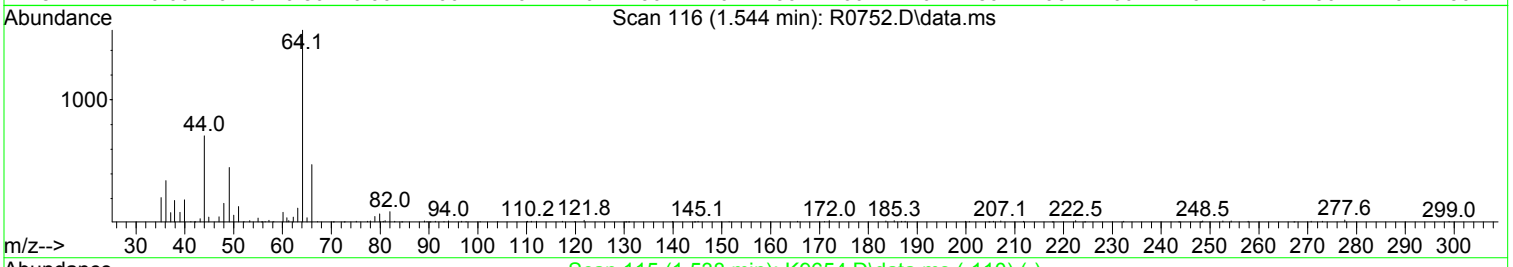
03/13/25

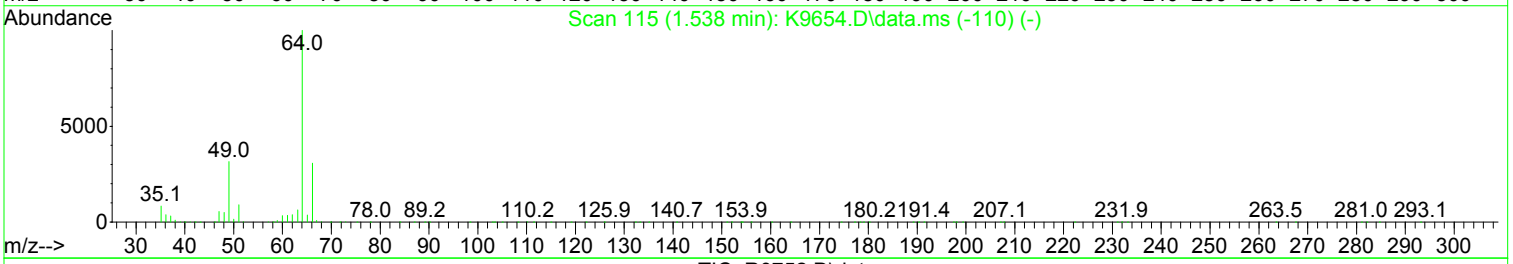
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(7) Chloroethane (P)

1.544min (+ 0.006) 0.84 ug/L

response 2013

Ion	Exp%	Act%
64.00	100.00	100.00
66.00	30.80	30.31
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

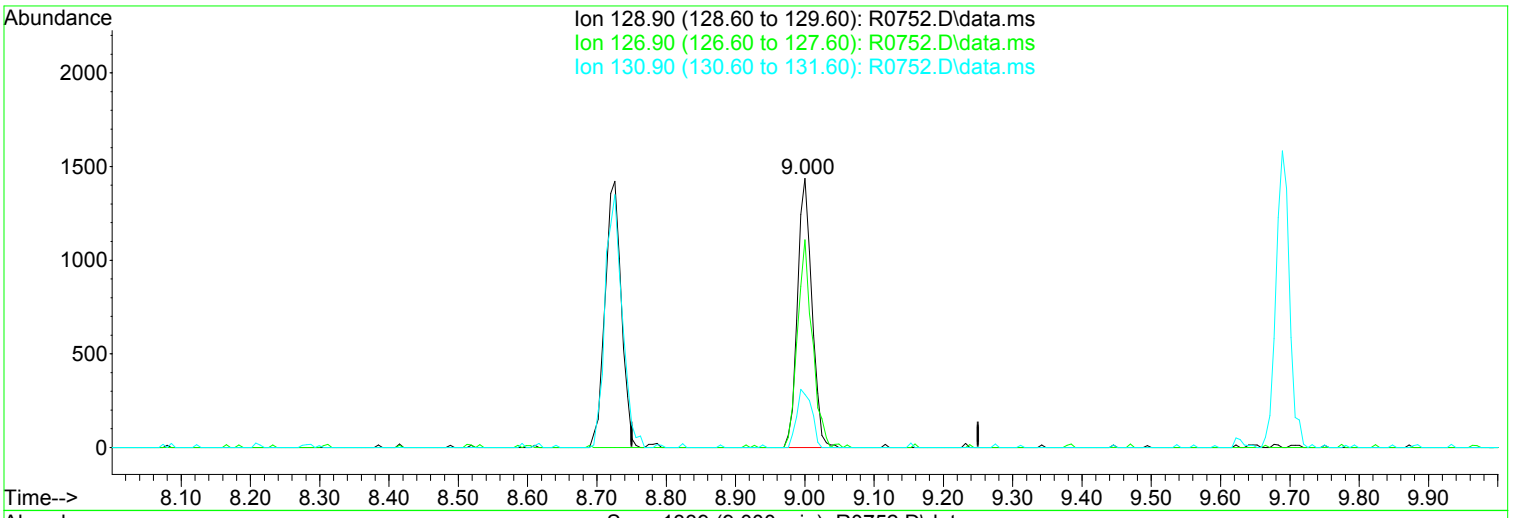
Before

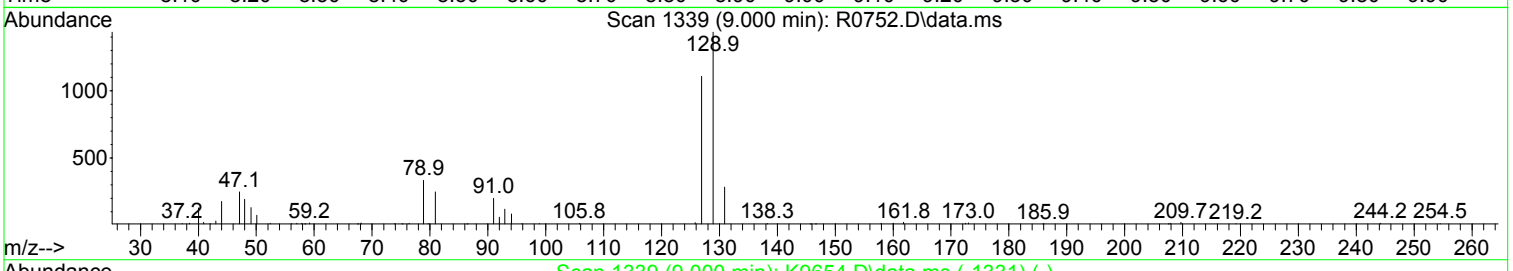
03/13/25

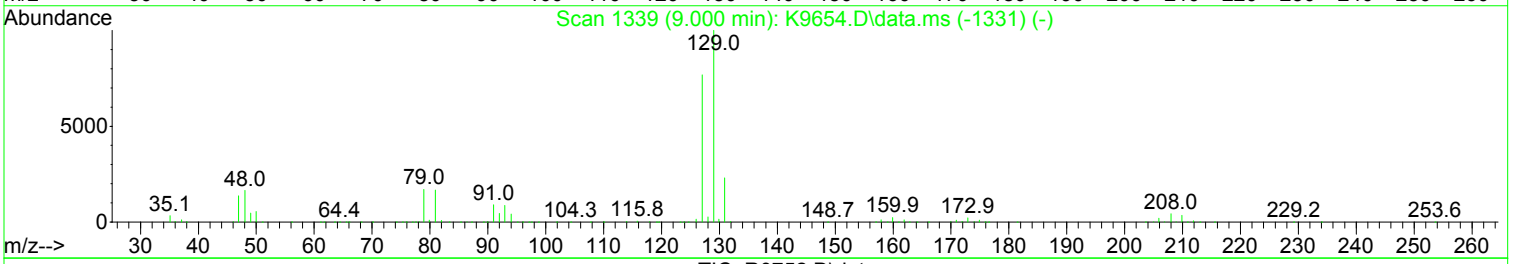
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
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ALS Vial : 3 Sample Multiplier: 1

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Response via : Initial Calibration







TIC: R0752.D\data.ms

(74) Dibromochloromethane (P)

9.000min (-0.000) 0.71 ug/L m

response 2076

Ion	Exp%	Act%
128.90	100.00	100.00
126.90	76.80	77.16
130.90	23.10	19.71
0.00	0.00	0.00

Manual Integration:

After

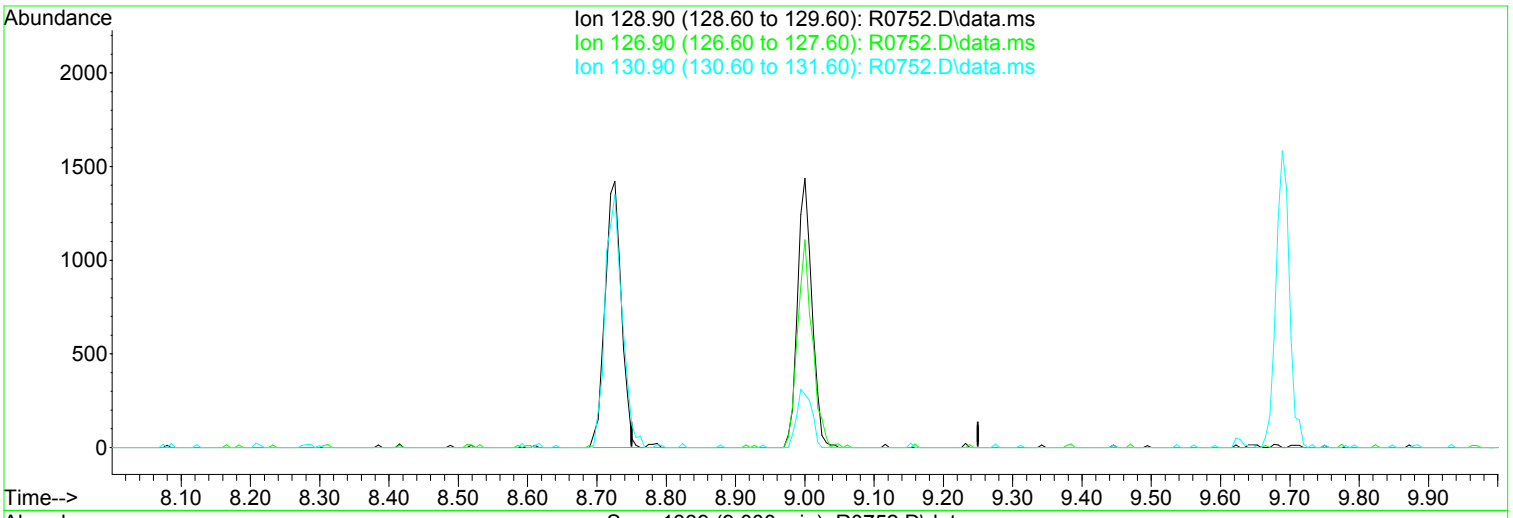
Peak not found.

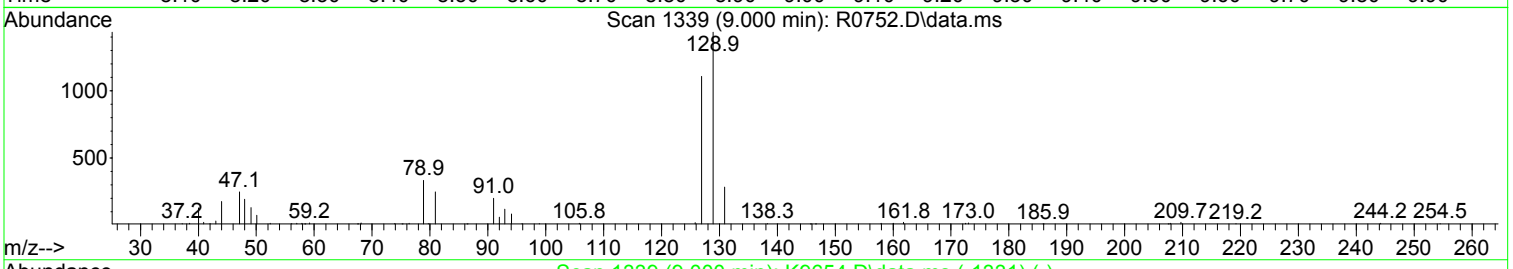
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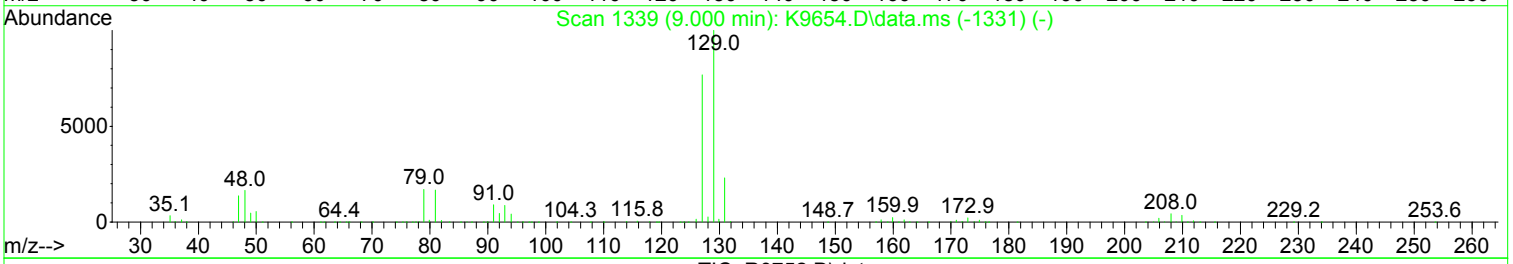
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(74) Dibromochloromethane (P)

9.000min (-9.000) 0.00 ug/L

response 0

Ion	Exp%	Act%
128.90	100.00	0.00
126.90	76.80	0.00#
130.90	23.10	0.00#
0.00	0.00	0.00

Manual Integration:

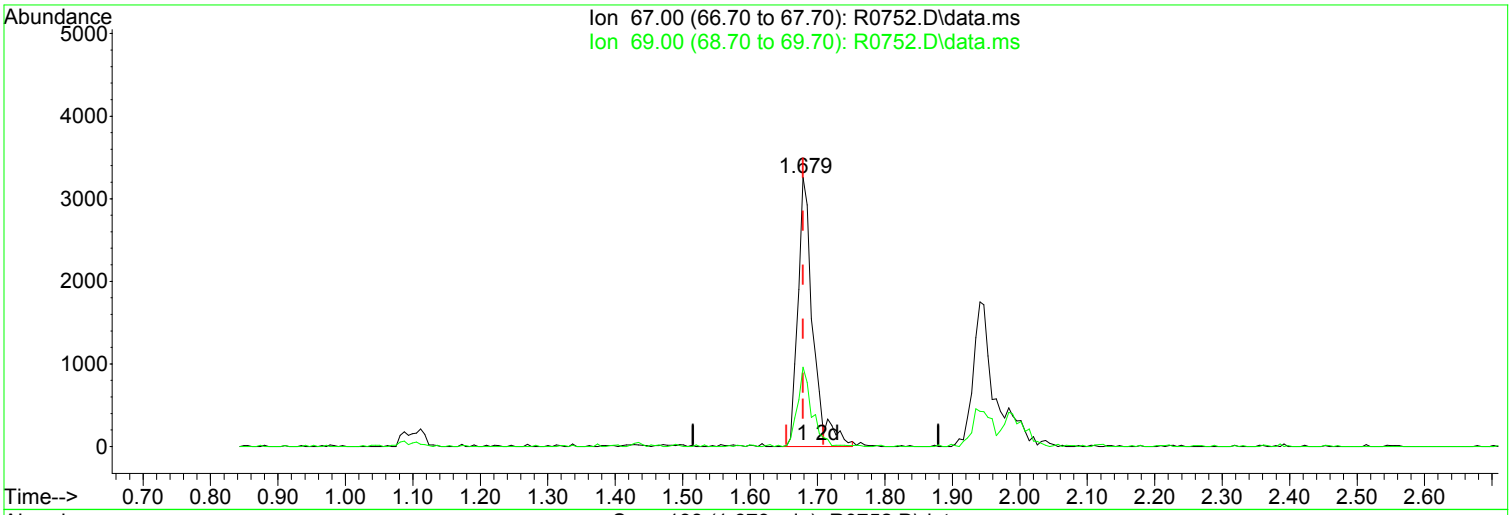
Before

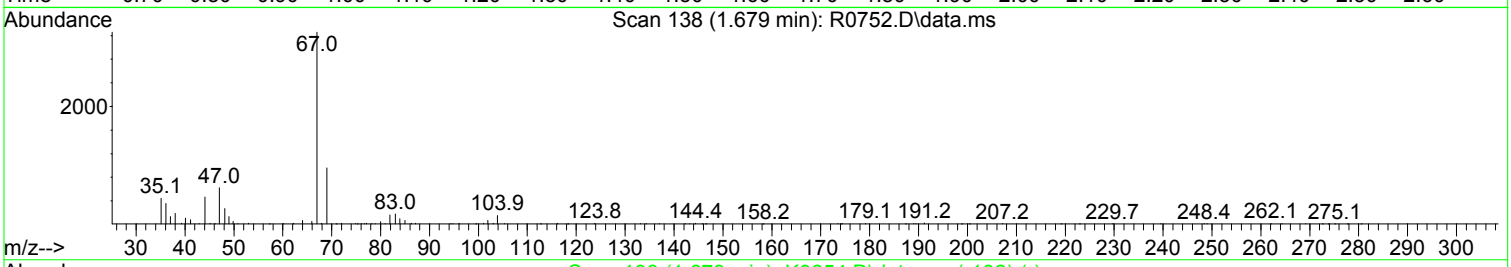
03/13/25

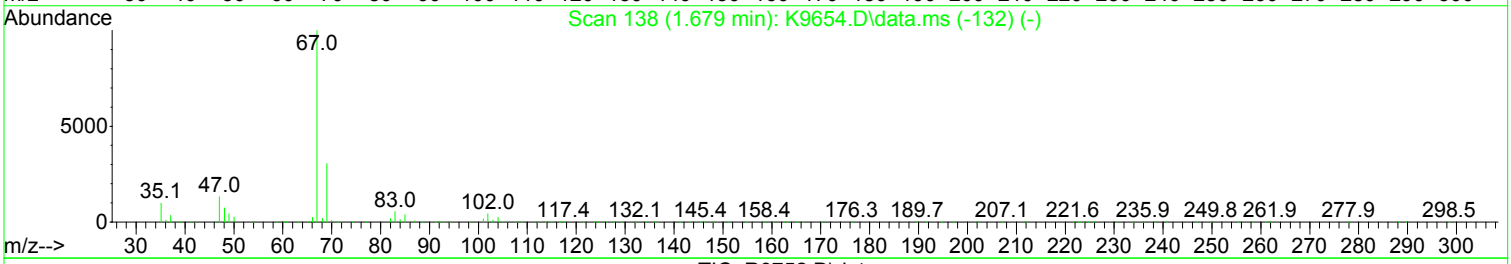
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TIC: R0752.D\data.ms

(8) Freon 21

1.679min (-0.000) 0.94 ug/L m

response 5038

Ion	Exp%	Act%
67.00	100.00	100.00
69.00	30.60	29.51
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

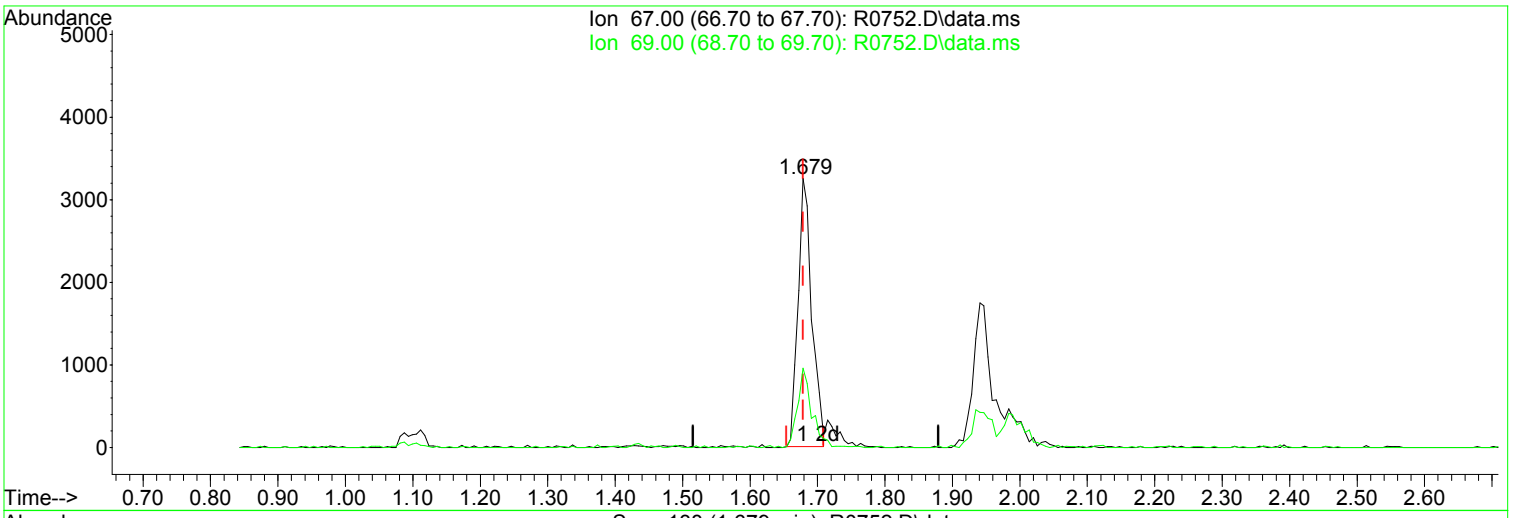
Poor integration.

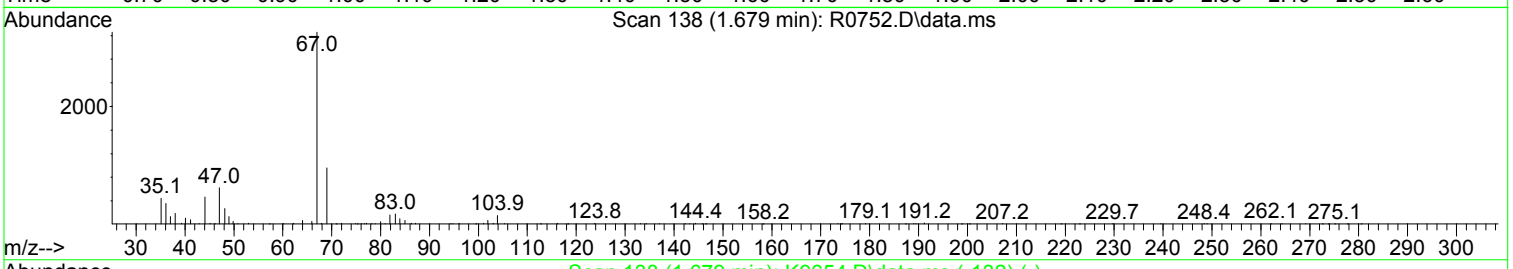
03/13/25

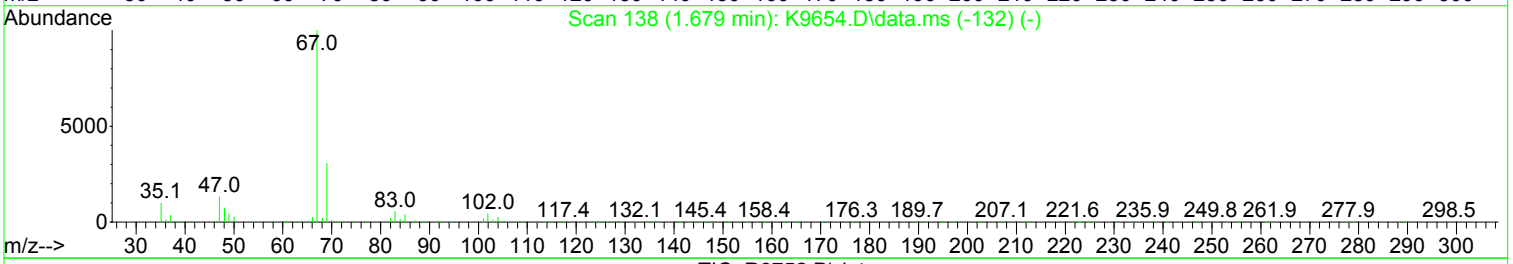
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(8) Freon 21

1.679min (-0.000) 0.86 ug/L

response 4588

Ion	Exp%	Act%
67.00	100.00	100.00
69.00	30.60	29.51
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

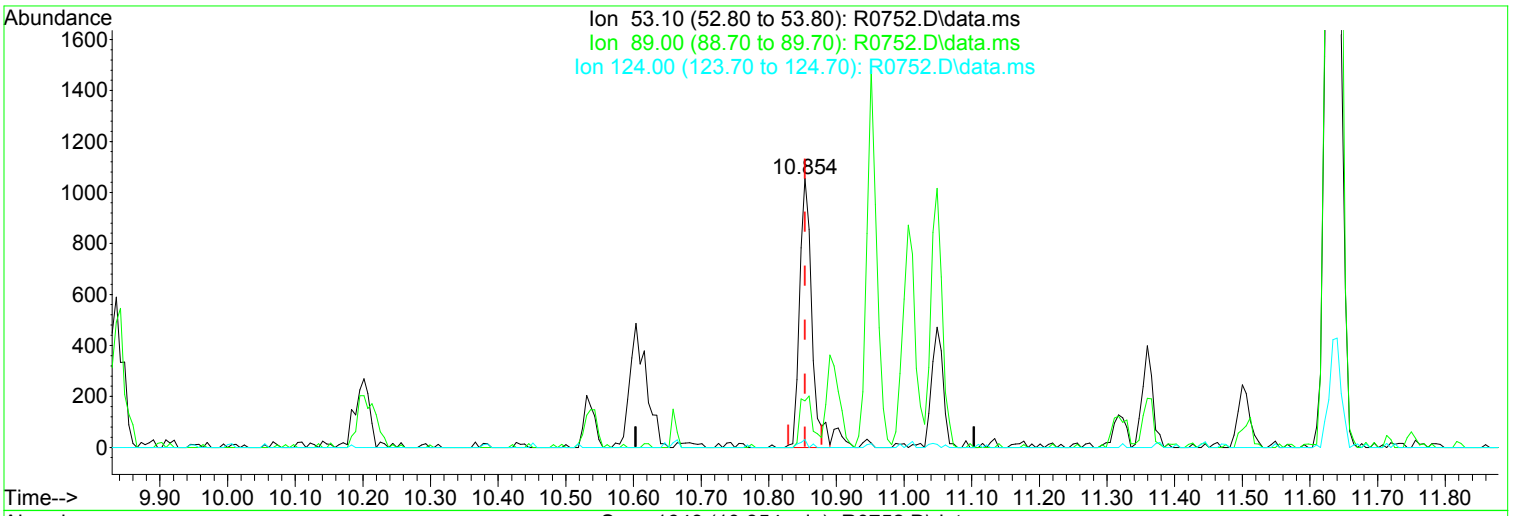
Before

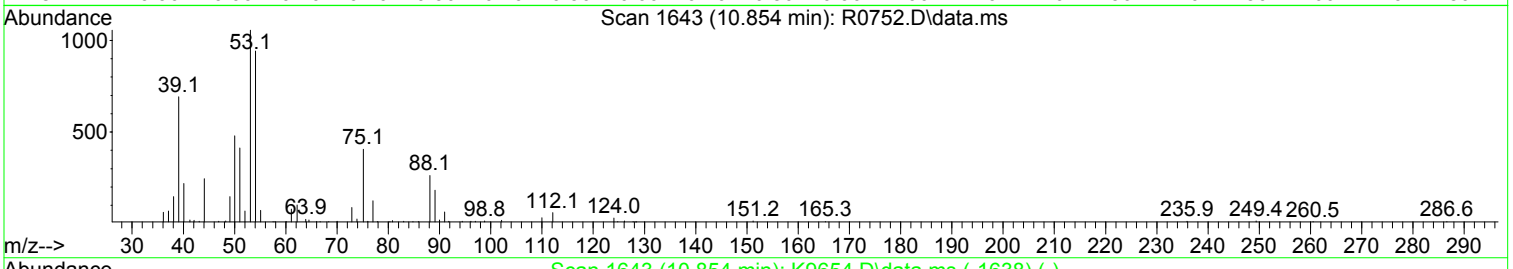
03/13/25

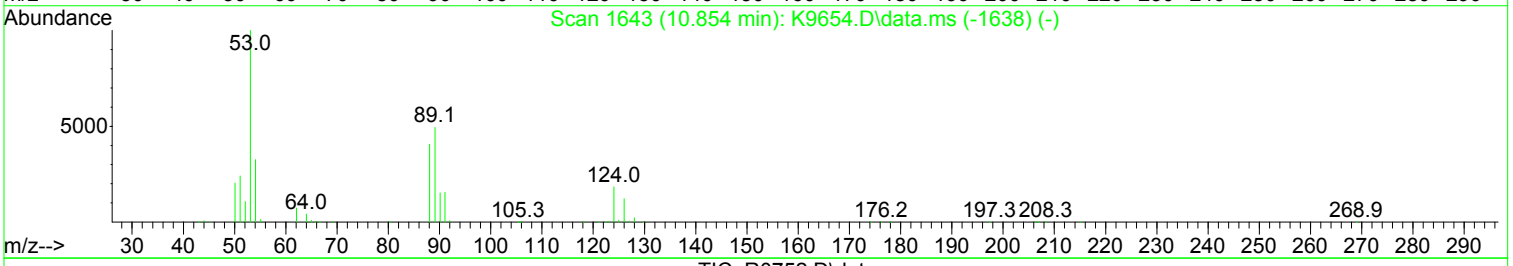
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
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Misc : WATER ICAL
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Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(89) trans-1,4-Dichloro-2-Butene

10.854min (0.000) 0.83 ug/L m

response 1327

Ion	Exp%	Act%
53.10	100.00	100.00
89.00	49.50	17.35#
124.00	18.40	2.94
0.00	0.00	0.00

Manual Integration:

After

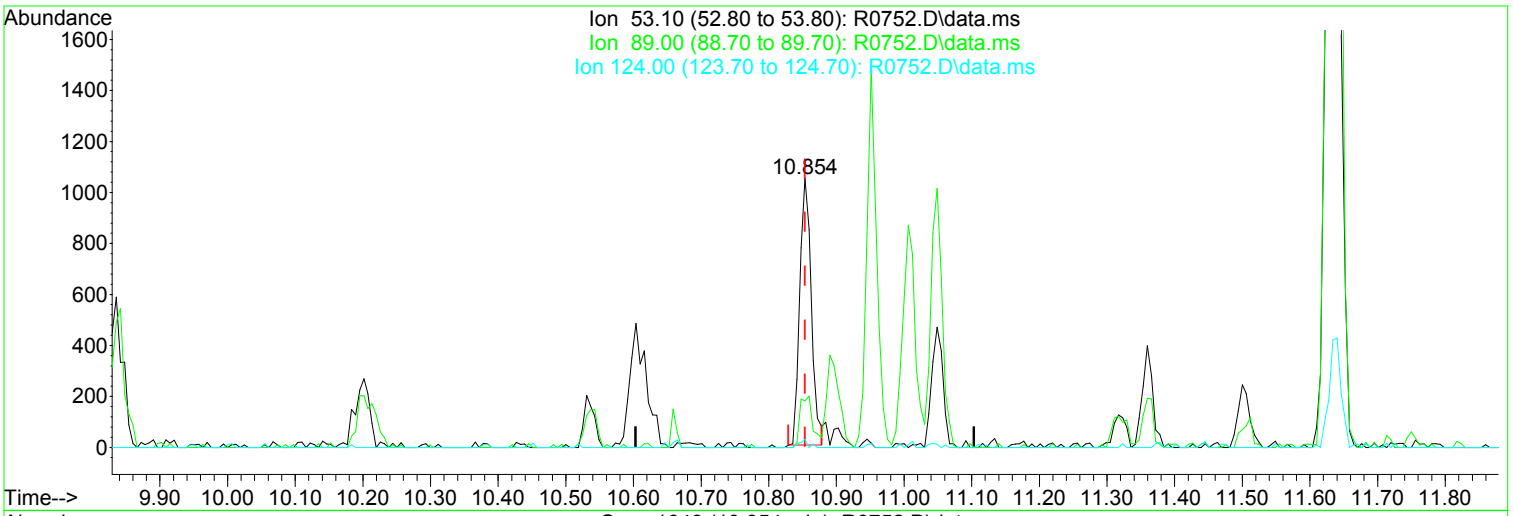
Poor integration.

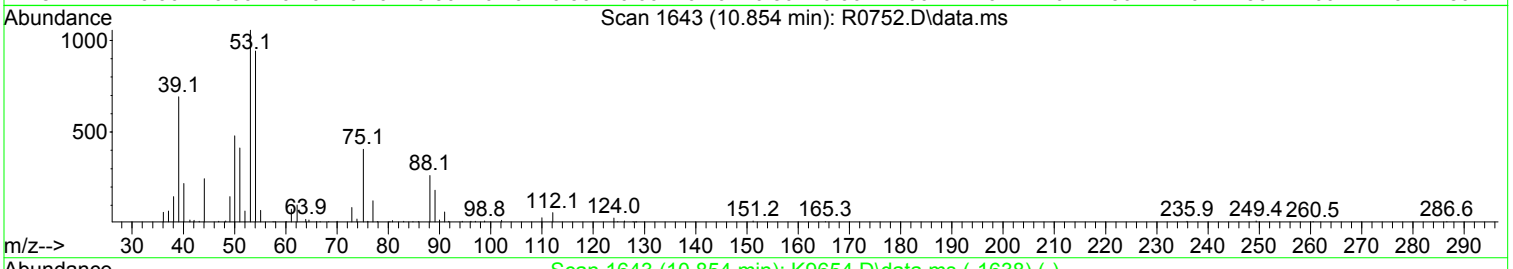
03/13/25

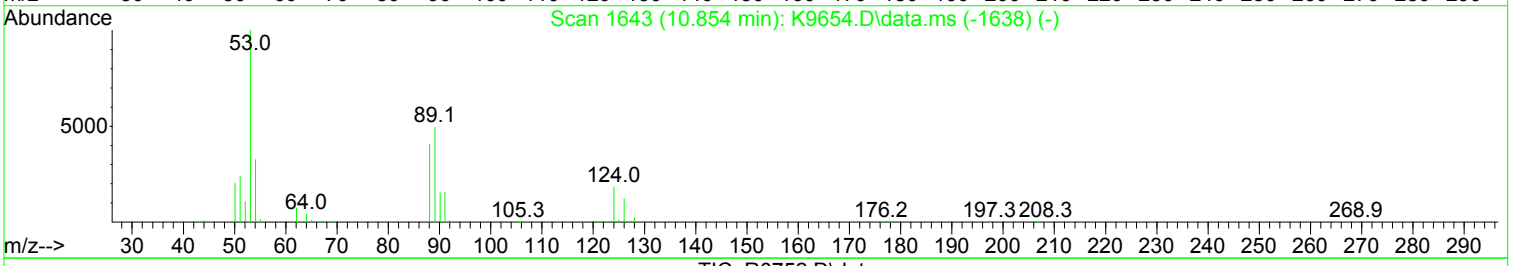
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0752.D\data.ms

(89) trans-1,4-Dichloro-2-Butene

10.854min (0.000) 0.79 ug/L

response 1254

Ion	Exp%	Act%
53.10	100.00	100.00
89.00	49.50	17.35#
124.00	18.40	2.94
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
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Operator : K.Ruest
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Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	315062	50.00	ug/L	0.01
42) 1,4-Difluorobenzene	6.178	114	528082	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	438863	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	199101	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.843	113	38450	10.93	ug/L	0.02
Spiked Amount 50.000	Range 80 - 116		Recovery = 21.86%#			
47) surr1,1,2-dichloroetha...	5.422	65	59118	11.90	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 23.80%#			
64) SURR3,Toluene-d8	8.049	98	141066	11.42	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 22.84%#			
69) SURR2,BFB	10.659	95	54525	11.57	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 23.14%#			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.105	51	3281	0.940	ug/L	90
3) Dichlorodifluoromethane	1.075	85	3031m	0.902	ug/L	
4) Chloromethane	1.209	50	4664	0.899	ug/L	99
5) Vinyl Chloride	1.264	62	3488	0.874	ug/L	77
6) Bromomethane	1.471	94	2623	1.205	ug/L	99
7) Chloroethane	1.544	64	2405m	1.001	ug/L	
8) Freon 21	1.679	67	5038m	0.942	ug/L	
9) Trichlorofluoromethane	1.721	101	4824	0.914	ug/L	96
10) Diethyl Ether	1.935	59	3748	0.994	ug/L	92
11) Freon 123a	1.941	67	3290m	1.007	ug/L	
12) Freon 123	1.989	83	3708m	0.936	ug/L	
13) Acrolein	2.032	56	5350m	4.761	ug/L	
14) 1,1-Diclethene	2.111	96	2614	0.935	ug/L	92
15) Freon 113	2.117	101	2735	0.922	ug/L	99
16) Acetone	2.160	43	3720	1.369	ug/L	89
17) 2-Propanol	2.288	45	7419m	17.882	ug/L	
19) Carbon Disulfide	2.282	76	5535	0.820	ug/L	95
20) Acetonitrile/Allyl Chl...	2.404	41	8303	5.272	ug/L	77
21) Methyl Acetate	2.441	43	3764	0.887	ug/L	95
22) Methylene Chloride	2.526	84	3488	1.108	ug/L	98
23) TBA	2.654	59	9517m	16.371	ug/L	
24) Acrylonitrile	2.764	53	11230m	4.737	ug/L	
25) Methyl-t-Butyl Ether	2.806	73	8846m	0.925	ug/L	
26) trans-1,2-Dichloroethene	2.794	96	2620m	0.872	ug/L	
27) 1,1-Diclethane	3.245	63	6065	0.943	ug/L	92
28) Vinyl Acetate	3.349	86	316m	0.511	ug/L	
29) DIPE	3.373	45	12857m	0.921	ug/L	
30) 2-Chloro-1,3-Butadiene	3.361	53	6582m	0.862	ug/L	
31) ETBE	3.855	59	10893m	0.880	ug/L	
32) 2,2-Dichloropropane	4.007	77	2863	0.751	ug/L	82
33) cis-1,2-Dichloroethene	4.020	96	3161	0.953	ug/L	92
34) 2-Butanone	4.099	43	3067	0.975	ug/L	87
35) Propionitrile	4.166	54	4113	4.289	ug/L	94
36) Bromochloromethane	4.391	130	2260m	0.990	ug/L	
37) Methacrylonitrile	4.404	67	1480	0.858	ug/L #	55
38) Tetrahydrofuran	4.507	42	1998	1.049	ug/L	99
39) Chloroform	4.556	83	5850	1.010	ug/L	88
40) 1,1,1-Trichloroethane	4.843	97	4131m	0.863	ug/L	
41) TAME	5.769	73	6895m	0.854	ug/L	

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Cyclohexane	4.916	41	3542m	0.913	ug/L		
45) Carbontetrachloride	5.141	117	3554m	0.853	ug/L		
46) 1,1-Dichloropropene	5.153	75	3774	0.916	ug/L		89
48) Benzene	5.501	78	10991m	0.937	ug/L		
49) 1,2-Dichloroethane	5.556	62	6160	1.005	ug/L		91
50) Iso-Butyl Alcohol	5.580	43	4298m	16.035	ug/L		
51) n-Heptane	6.031	43	5751	0.933	ug/L		90
52) 1-Butanol	6.598	56	4208m	26.708	ug/L		
53) Trichloroethene	6.507	130	3135	0.909	ug/L		92
54) Methylcyclohexane	6.745	55	5209	0.894	ug/L	#	76
55) 1,2-Diclpropane	6.812	63	3410	0.913	ug/L		93
56) Dibromomethane	6.952	93	1858	0.897	ug/L	#	76
57) 1,4-Dioxane	7.043	88	1060	18.405	ug/L		87
58) Methyl Methacrylate	7.062	69	2107	0.857	ug/L	#	46
59) Bromodichloromethane	7.196	83	3146	0.822	ug/L		94
60) 2-Nitropropane	7.495	41	864	1.125	ug/L	#	78
61) 2-Chloroethylvinyl Ether	7.635	63	247m	0.513	ug/L		
62) cis-1,3-Dichloropropene	7.751	75	3002	0.724	ug/L		89
63) 4-Methyl-2-pentanone	7.982	43	4555	0.816	ug/L		92
65) Toluene	8.122	91	11796	0.917	ug/L		94
66) trans-1,3-Dichloropropene	8.409	75	2473	0.664	ug/L		95
67) Ethyl Methacrylate	8.568	69	3109	0.741	ug/L	#	74
68) 1,1,2-Trichloroethane	8.604	97	2872	0.948	ug/L		96
71) Tetrachloroethene	8.720	164	2436	1.004	ug/L		89
72) 2-Hexanone	8.915	43	3166	0.773	ug/L		97
73) 1,3-Dichloropropane	8.769	76	4707	0.943	ug/L		93
74) Dibromochloromethane	9.000	129	2076m	0.714	ug/L		
75) N-Butyl Acetate	9.074	43	5951	0.782	ug/L		98
76) 1,2-Dibromoethane	9.098	107	2890	0.931	ug/L		86
77) 3-Chlorobenzotrifluoride	9.628	180	3818	0.942	ug/L		89
78) Chlorobenzene	9.598	112	8360	0.970	ug/L		93
79) 4-Chlorobenzotrifluoride	9.683	180	3246	0.912	ug/L		98
80) 1,1,1,2-Tetrachloroethane	9.689	131	2164	0.743	ug/L		92
81) Ethylbenzene	9.720	106	4079	0.923	ug/L		91
82) (m+p)Xylene	9.836	106	9396	1.755	ug/L		88
83) o-Xylene	10.195	106	5027	0.947	ug/L		99
84) Styrene	10.214	104	7510	0.848	ug/L		97
85) Bromoform	10.360	173	1043	0.647	ug/L		87
86) 2-Chlorobenzotrifluoride	10.451	180	3203	0.858	ug/L		98
87) Isopropylbenzene	10.537	105	12210	0.946	ug/L		96
88) Cyclohexanone	10.604	55	17688	15.736	ug/L		96
89) trans-1,4-Dichloro-2-B...	10.854	53	1327m	0.832	ug/L		
91) 1,1,2,2-Tetrachloroethane	10.805	83	3804	0.981	ug/L		91
92) Bromobenzene	10.781	156	3293	1.040	ug/L		94
93) 1,2,3-Trichloropropane	10.829	110	1502	1.073	ug/L	#	80
94) n-Propylbenzene	10.896	91	14271	0.964	ug/L		96
95) 2-Chlorotoluene	10.951	91	8872	1.001	ug/L		96
96) 3-Chlorotoluene	11.006	91	9259	1.015	ug/L		93
97) 4-Chlorotoluene	11.049	91	10072	0.973	ug/L		98
98) 1,3,5-Trimethylbenzene	11.049	105	9913	0.925	ug/L		96
99) tert-Butylbenzene	11.323	119	8990	0.956	ug/L		91
100) 1,2,4-Trimethylbenzene	11.360	105	9544	0.900	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.427	214	2205	0.932	ug/L		92
102) sec-Butylbenzene	11.500	105	12343	0.927	ug/L		96
103) p-Isopropyltoluene	11.628	119	10110	0.883	ug/L		89
104) 1,3-Dclbenz	11.579	146	6134	1.017	ug/L		94

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0752.D
Acq On : 12 Mar 2025 11:59 am
Operator : K.Ruest
Sample : 1.0ppbMRL
Misc : WATER ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 10:09:23 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

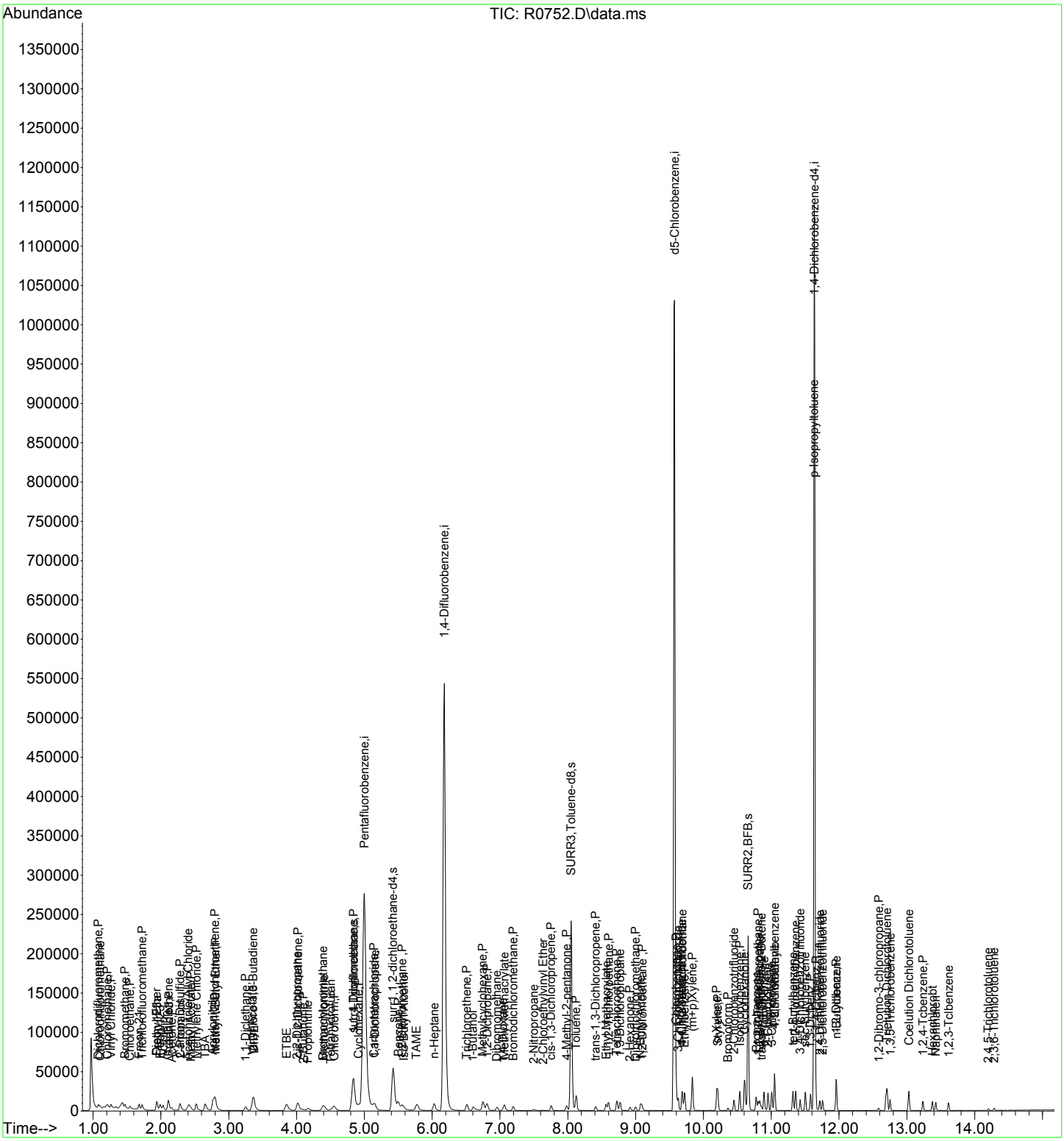
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
105) 1,4-Dclbenz	11.658	146	6657	1.076	ug/L		96
106) 2,4-Dichlorobenzotrifl...	11.719	214	2098	0.986	ug/L		88
107) 2,5-Dichlorobenzotrifl...	11.756	214	2177	0.924	ug/L		91
108) n-Butylbenzene	11.963	91	8427	0.864	ug/L		98
109) 1,2-Dclbenz	11.957	146	5956	1.018	ug/L		97
110) 1,2-Dibromo-3-chloropr...	12.585	157	543	0.747	ug/L	#	58
111) Trielution Dichlorotol...	12.707	125	12923	2.548	ug/L		91
112) 1,3,5-Trichlorobenzene	12.756	180	2977	0.838	ug/L		99
113) Coelution Dichlorotoluene	13.030	125	7785	1.504	ug/L		99
114) 1,2,4-Tcbenzene	13.237	180	2535	0.796	ug/L		86
115) Hexachlorobt	13.378	225	1413	0.968	ug/L		94
116) Naphthalen	13.426	128	6098	0.589	ug/L		88
117) 1,2,3-Tclbenzene	13.615	180	2078	0.699	ug/L		84
118) 2,4,5-Trichlorotoluene	14.201	159	695m	0.391	ug/L		
119) 2,3,6-Trichlorotoluene	14.286	159	482	0.292	ug/L		89

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
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ALS Vial : 3 Sample Multiplier: 1

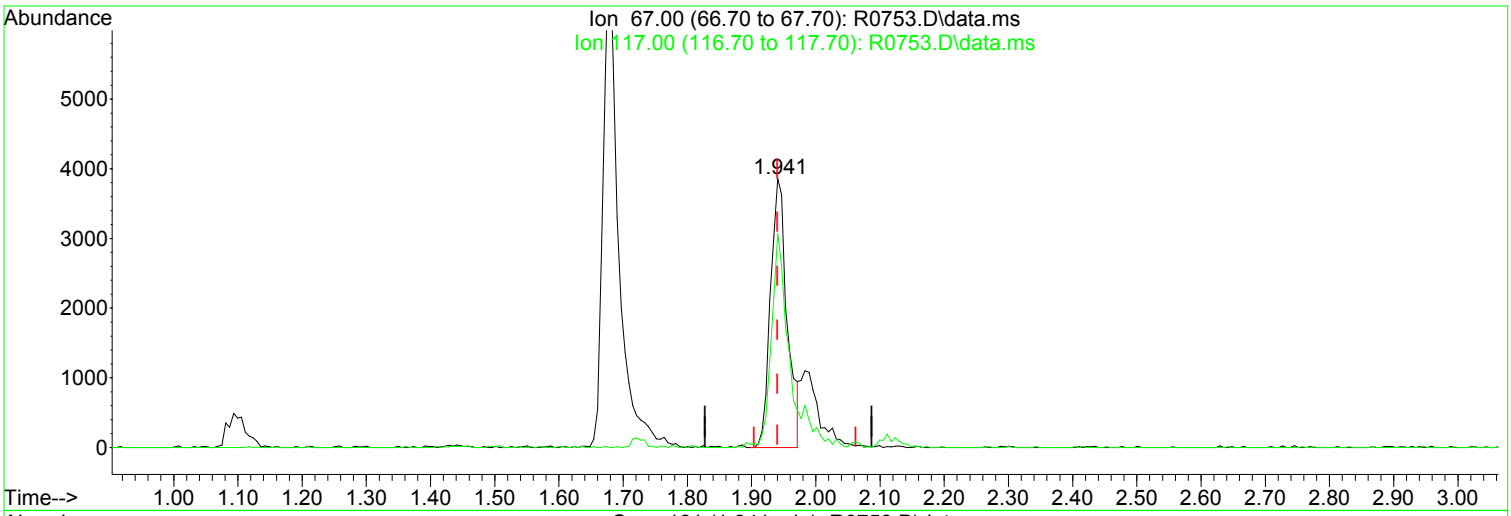
Quant Time: Mar 13 10:09:23 2025
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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



TIC: R0753.D\data.ms

(11) Freon 123a

1.941min (-0.000) 2.13 ug/L m

response 6967

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	79.40
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

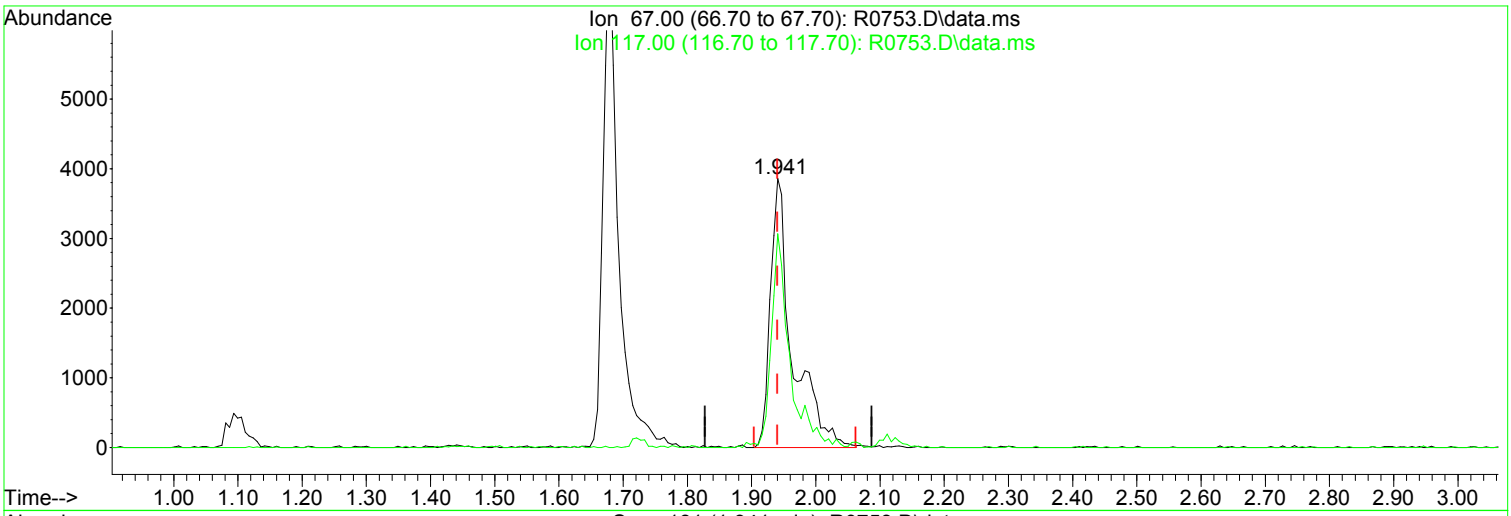
Poor integration.

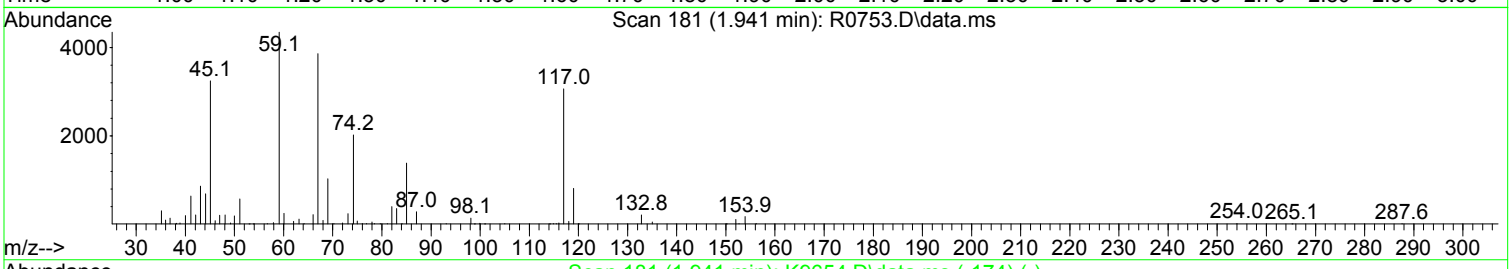
03/13/25

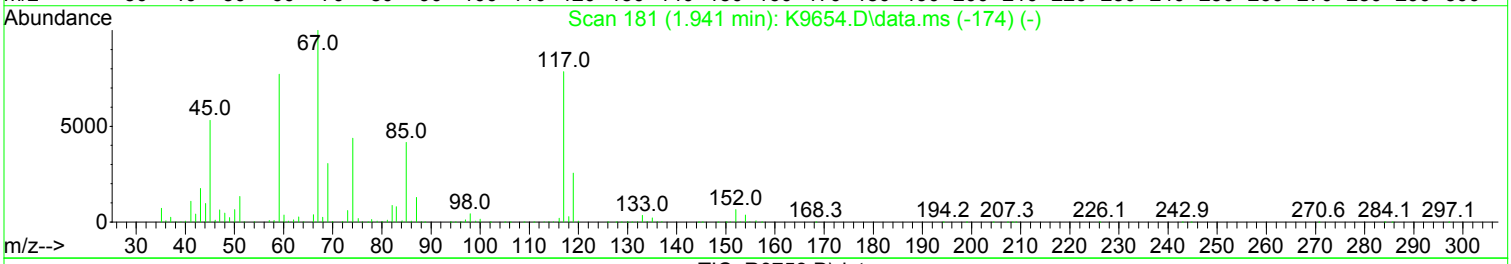
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(11) Freon 123a

1.941min (-0.000) 2.81 ug/L

response 9198

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	79.40
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

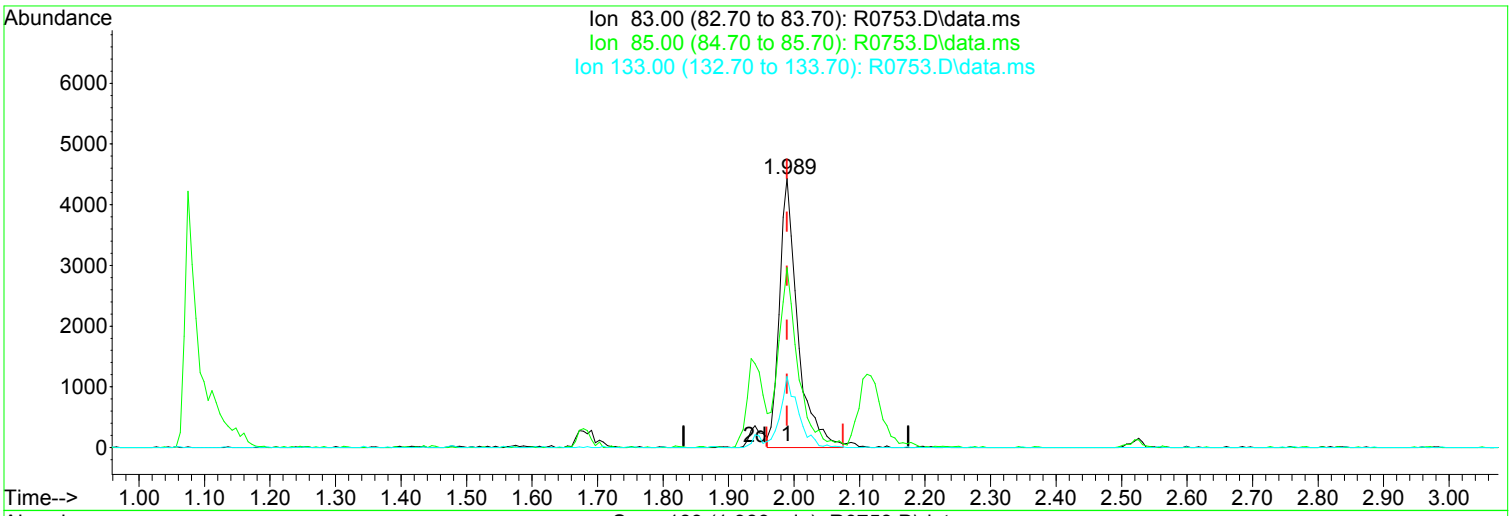
03/13/25

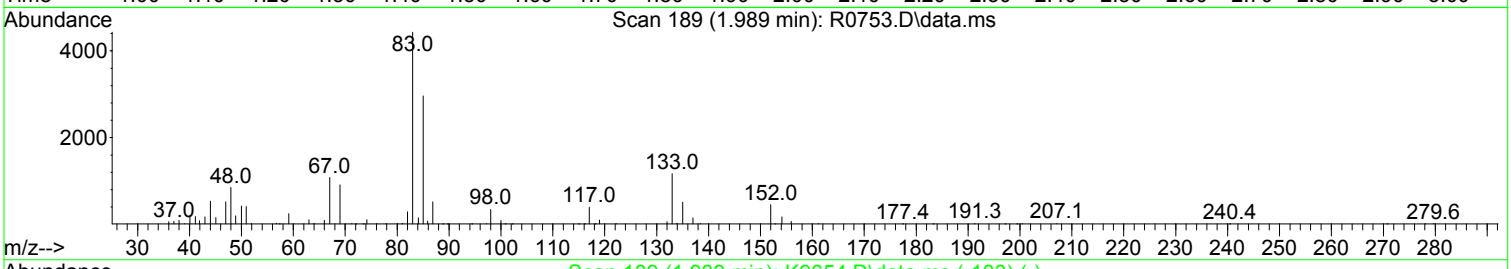
1st 03/13/25
2nd 03/13/25

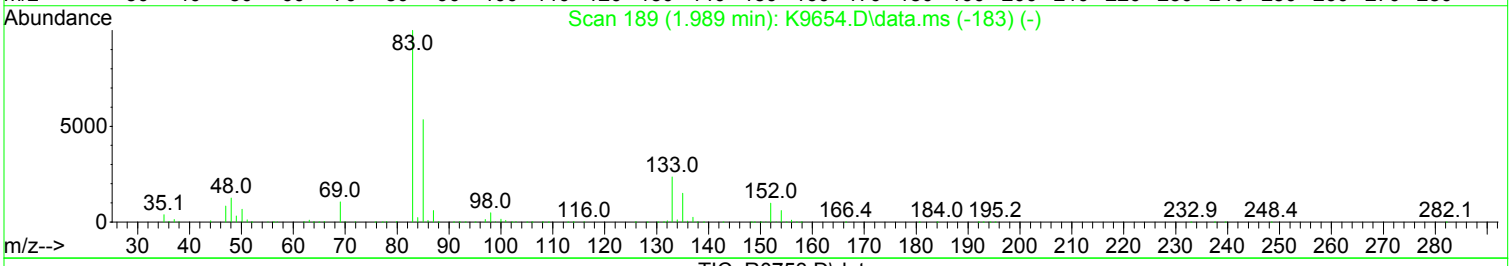
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(12) Freon 123

1.989min (-0.000) 2.15 ug/L m

response 8557

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	66.80
133.00	24.30	26.45
0.00	0.00	0.00

Manual Integration:

After

Poor integration.

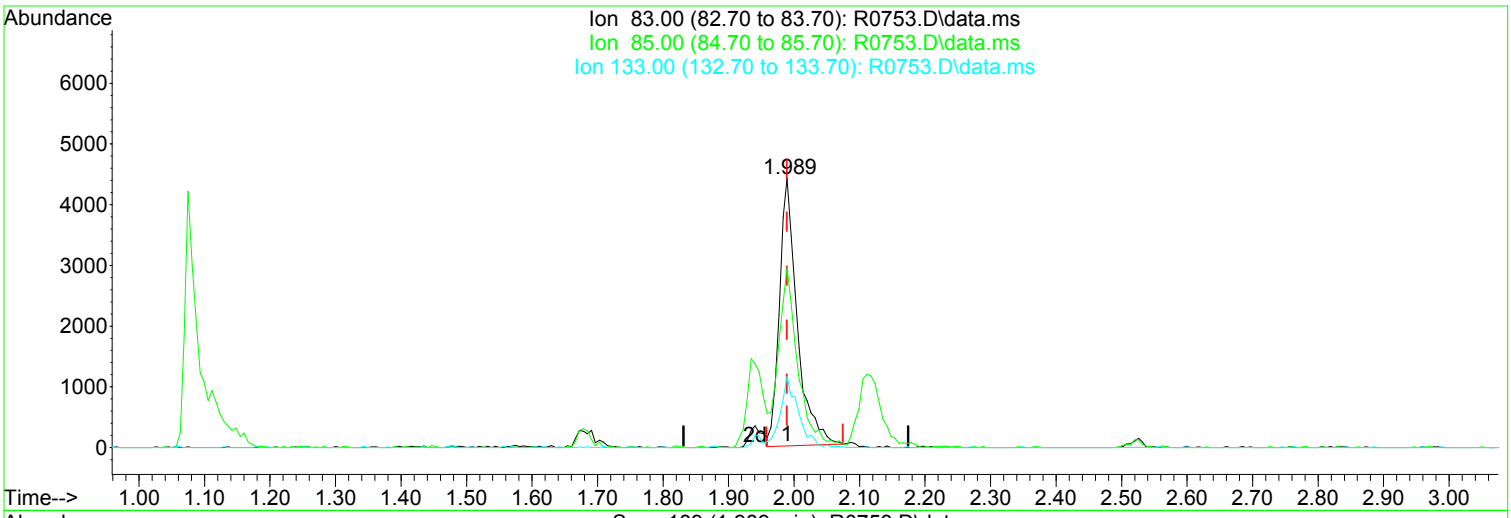
03/13/25

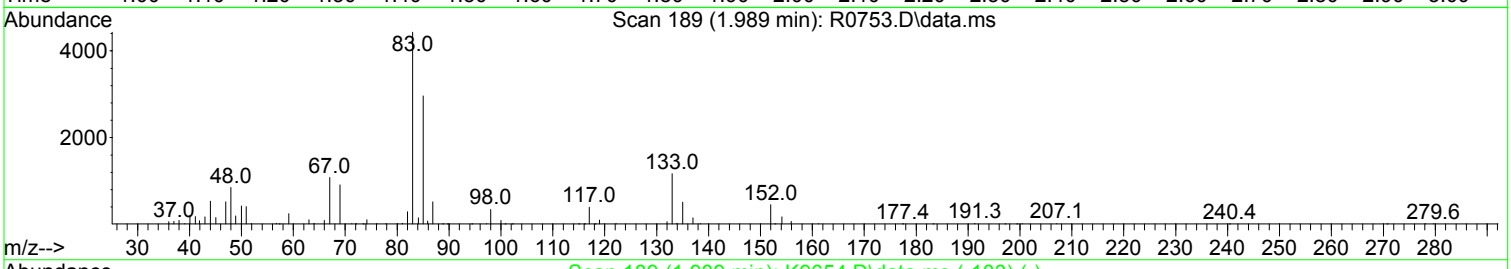
1st 03/13/25
2nd 03/13/25

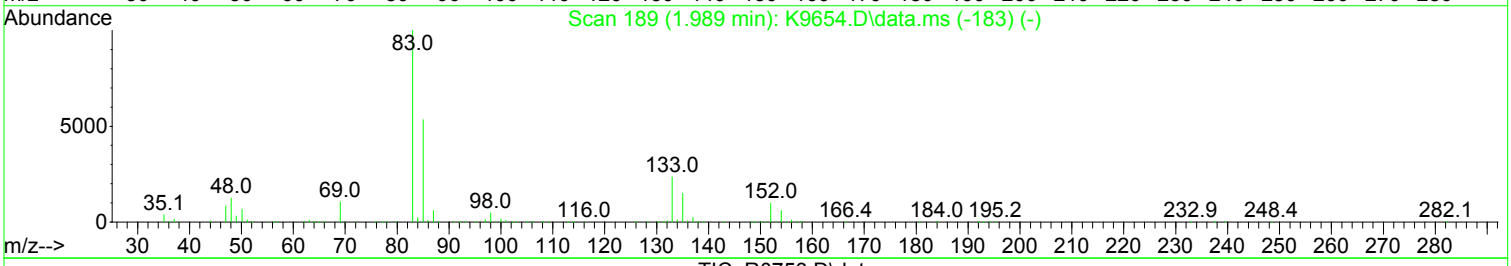
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(12) Freon 123

1.989min (-0.000) 2.09 ug/L

response 8310

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	66.80
133.00	24.30	26.45
0.00	0.00	0.00

Manual Integration:

Before

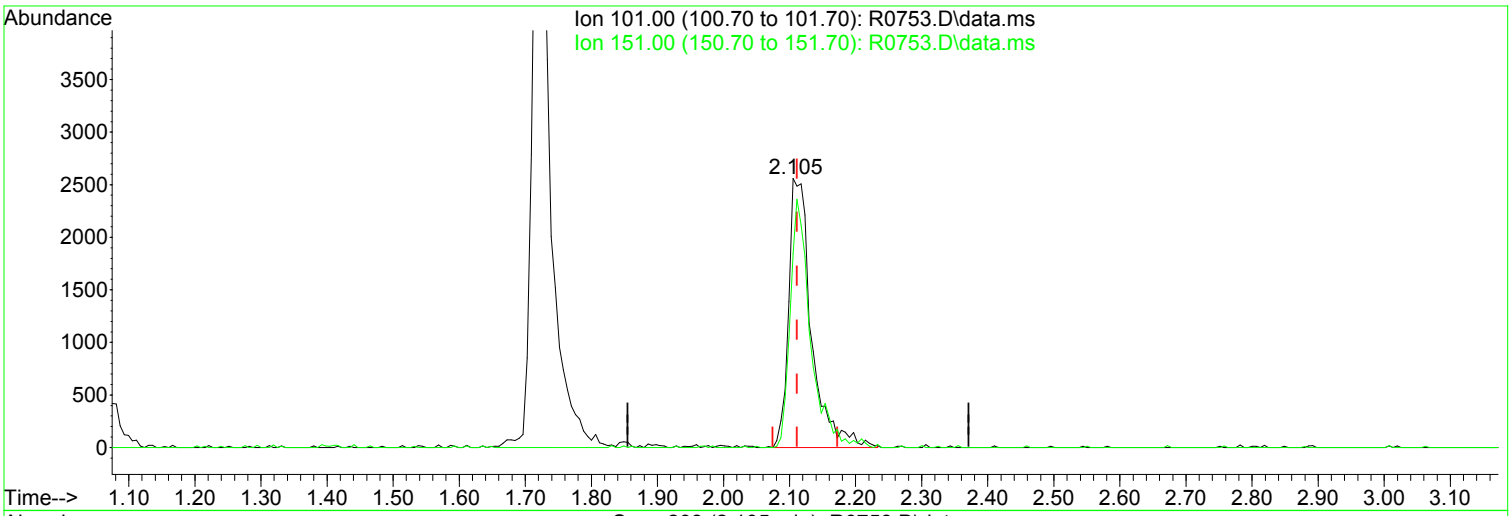
03/13/25

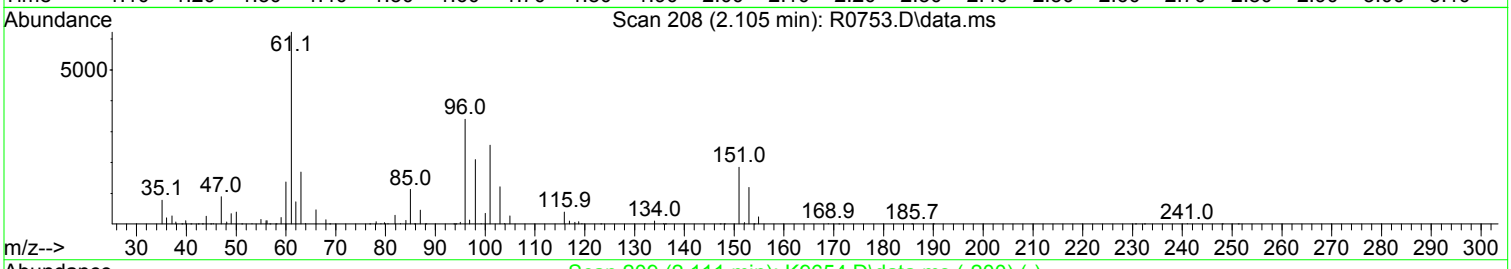
1st 03/13/25
2nd 03/13/25

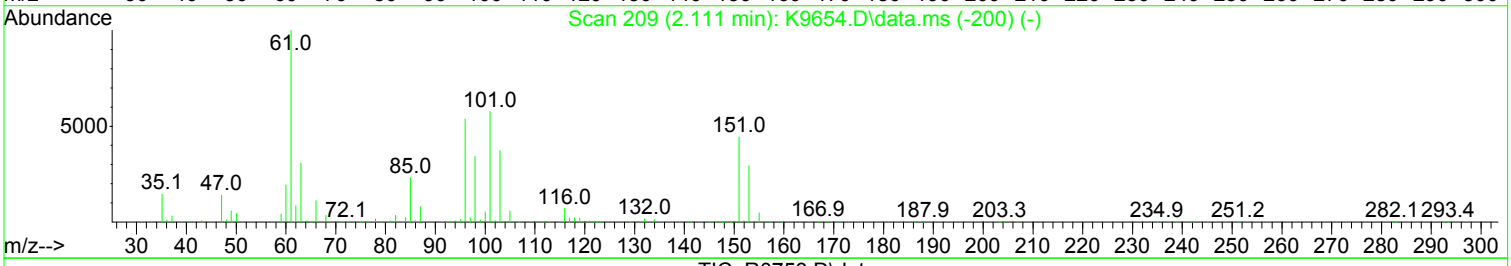
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(15) Freon 113 (P)

2.105min (-0.006) 2.07 ug/L m

response 6171

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	77.00	72.06
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

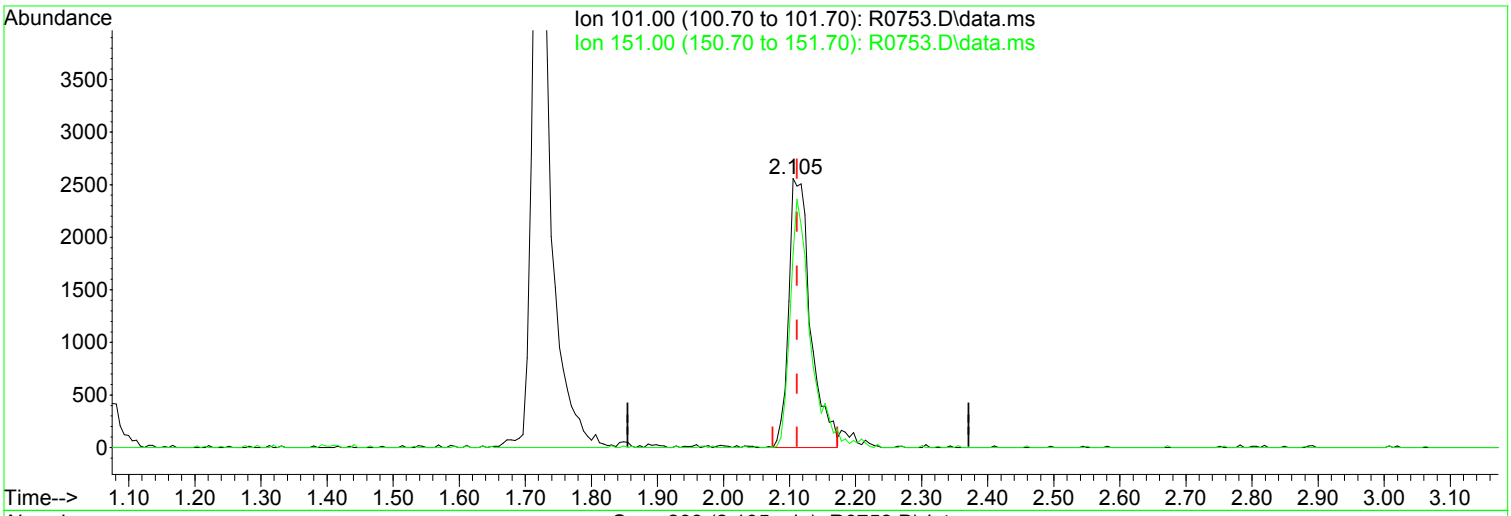
Poor integration.

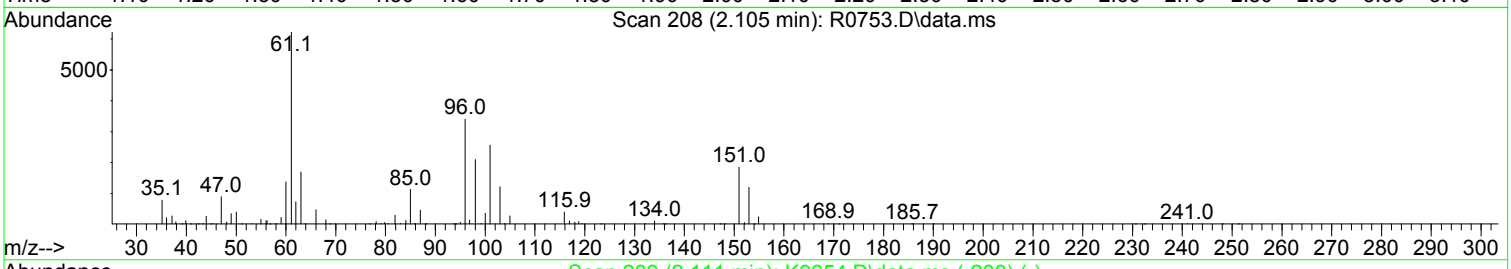
03/13/25

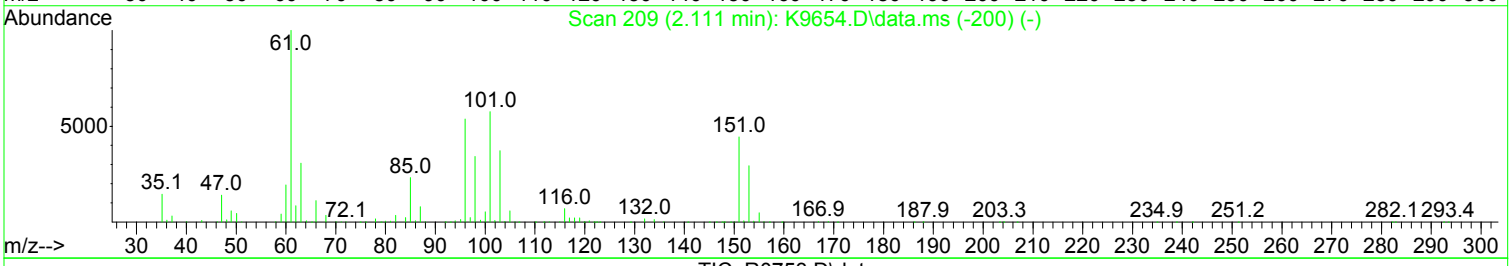
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(15) Freon 113 (P)

2.105min (-0.006) 1.98 ug/L

response 5894

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	77.00	72.06
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

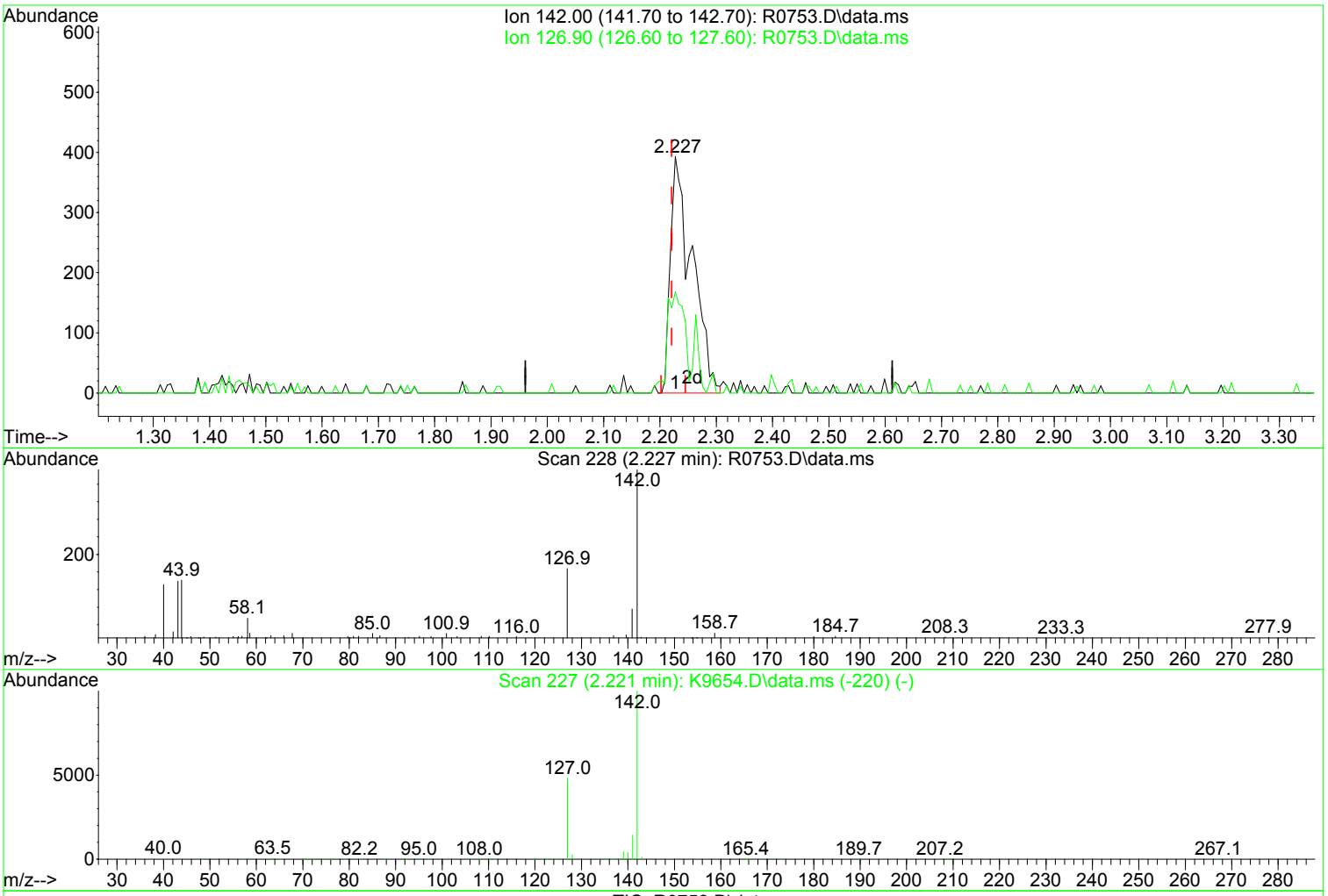
03/13/25

1st 03/13/25
2nd 03/13/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
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Response via : Initial Calibration



TIC: R0753.D\data.ms

(18) Iodomethane

2.227min (+ 0.006) 0.35 ug/L m

response 1052

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	42.75
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

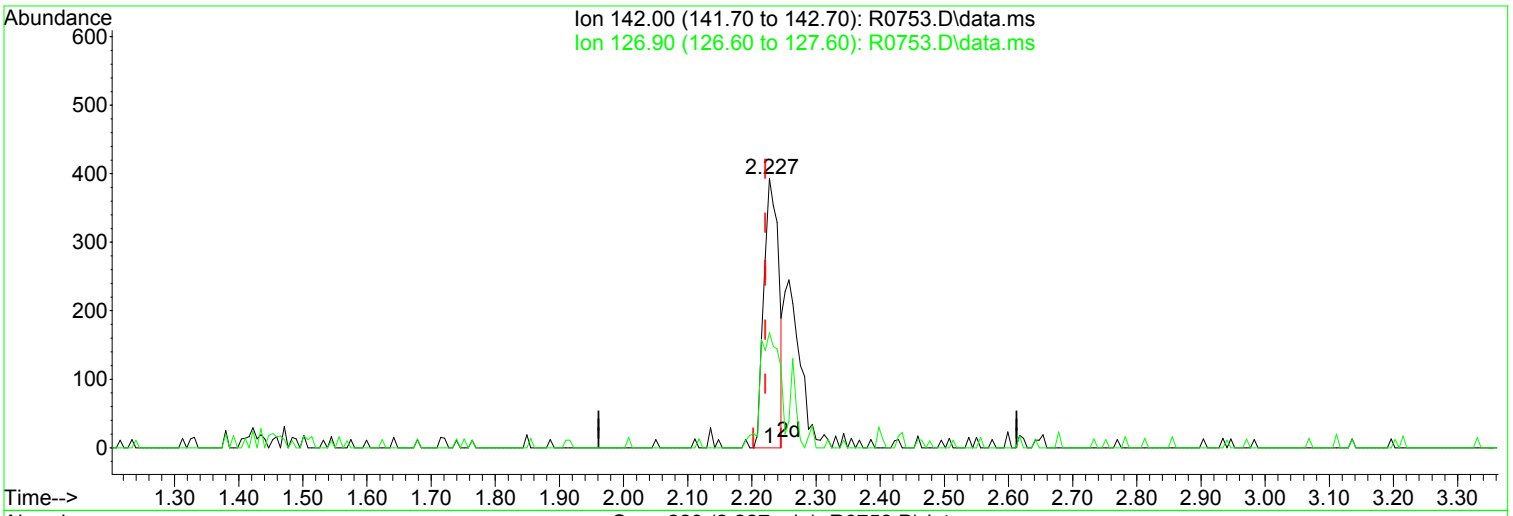
Split Peak.

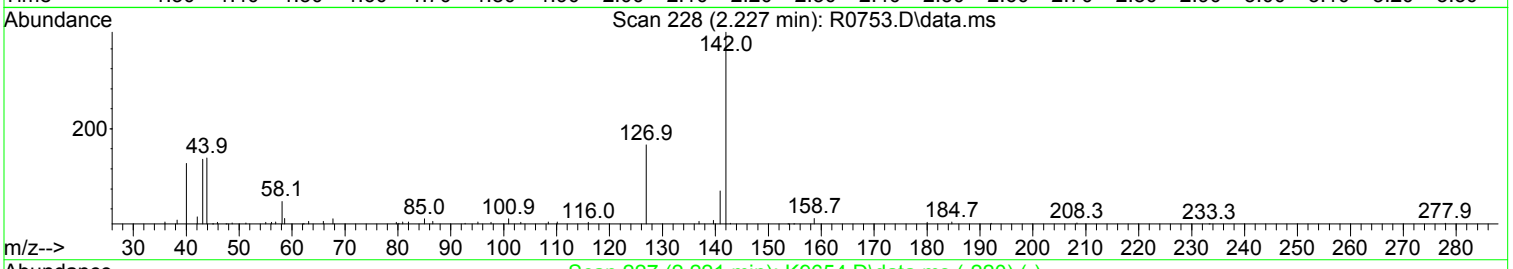
03/13/25

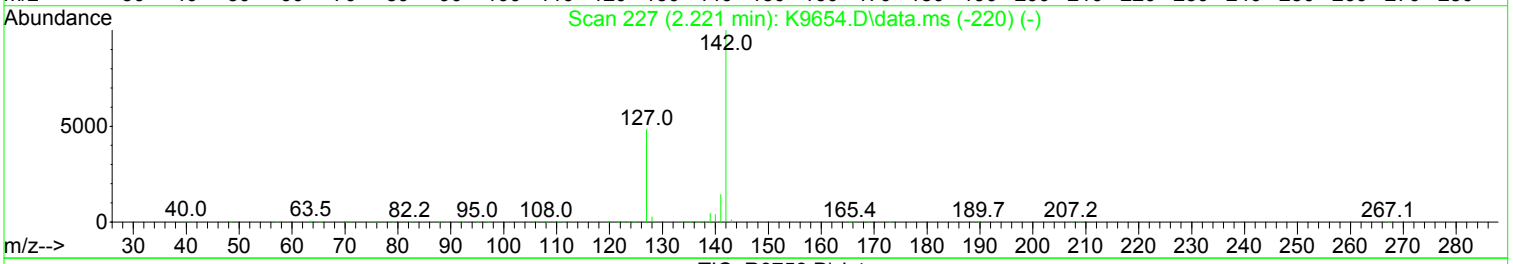
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(18) Iodomethane

2.227min (+ 0.006) 0.21 ug/L

response 630

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	42.75
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

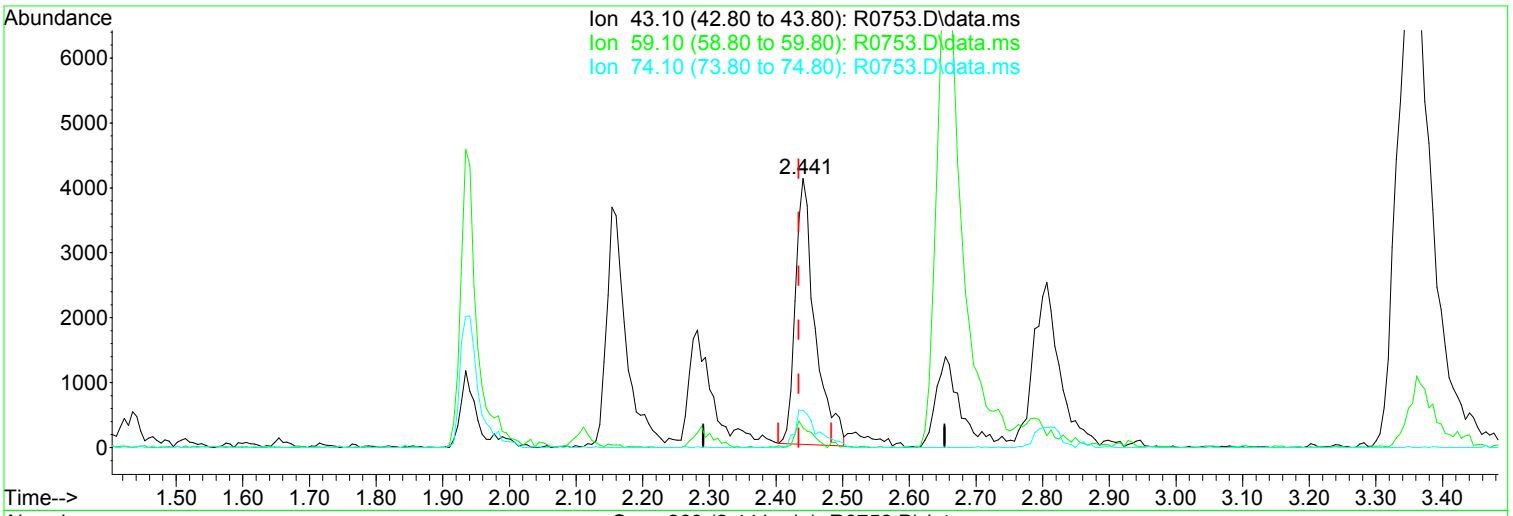
Before

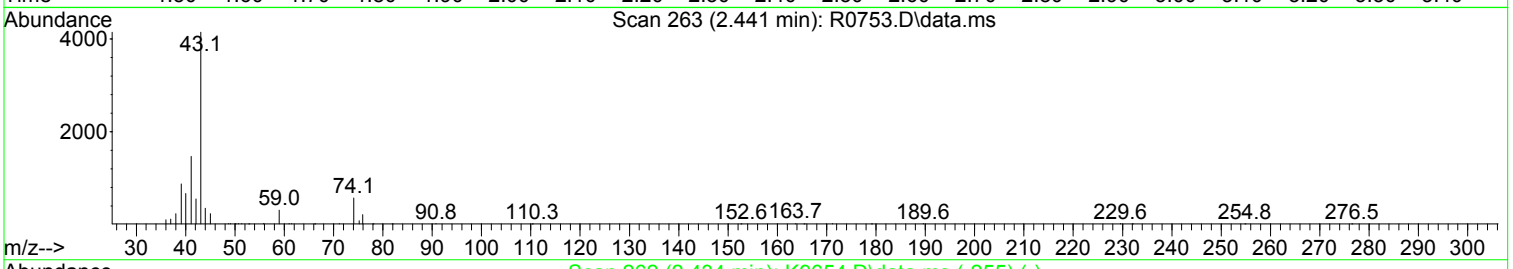
03/13/25

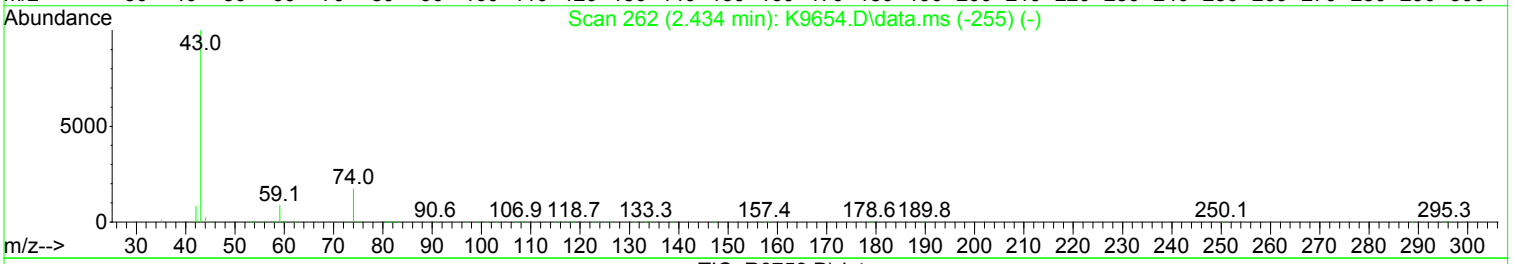
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(21) Methyl Acetate (P)

2.441min (+ 0.006) 1.96 ug/L m

response 8351

Ion	Exp%	Act%
43.10	100.00	100.00
59.10	8.70	7.38
74.10	17.40	13.80
0.00	0.00	0.00

Manual Integration:

After

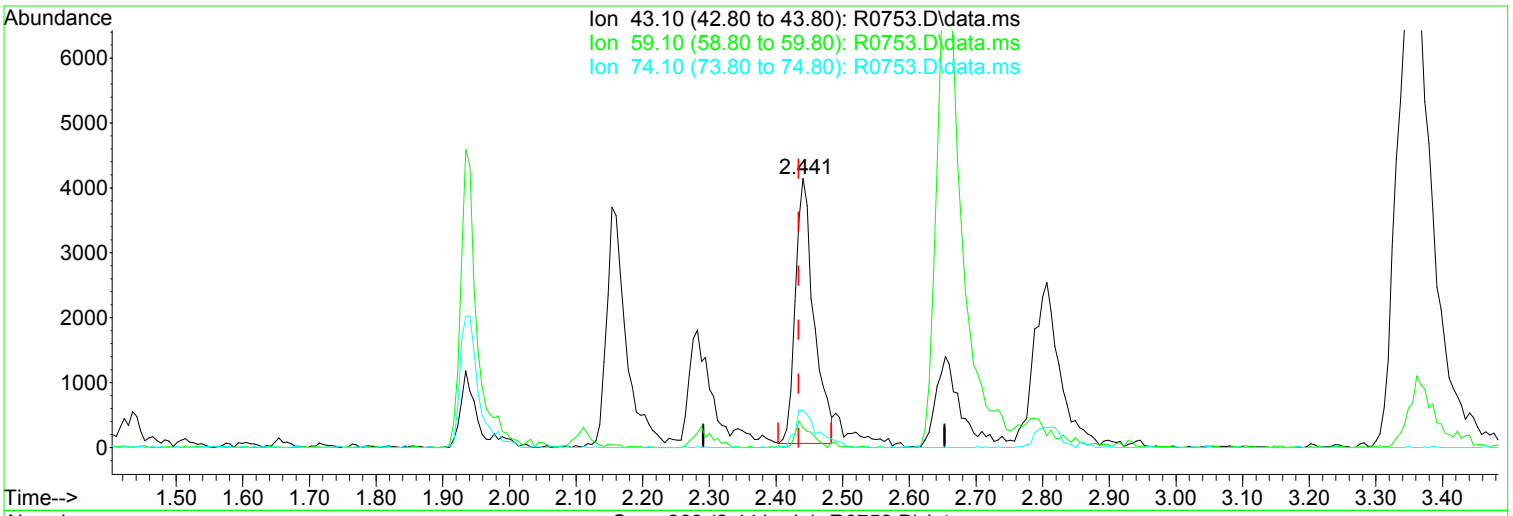
Poor integration.

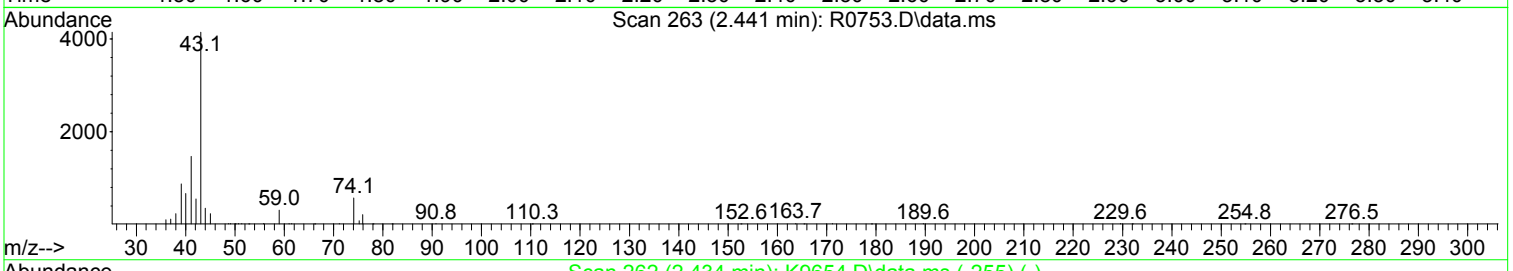
03/13/25

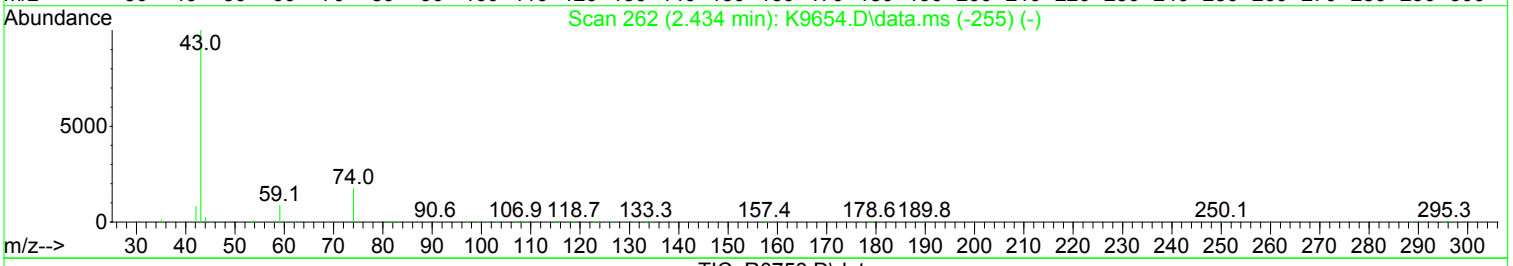
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(21) Methyl Acetate (P)

2.441min (+ 0.006) 1.85 ug/L

response 7872

Ion	Exp%	Act%
43.10	100.00	100.00
59.10	8.70	7.38
74.10	17.40	13.80
0.00	0.00	0.00

Manual Integration:

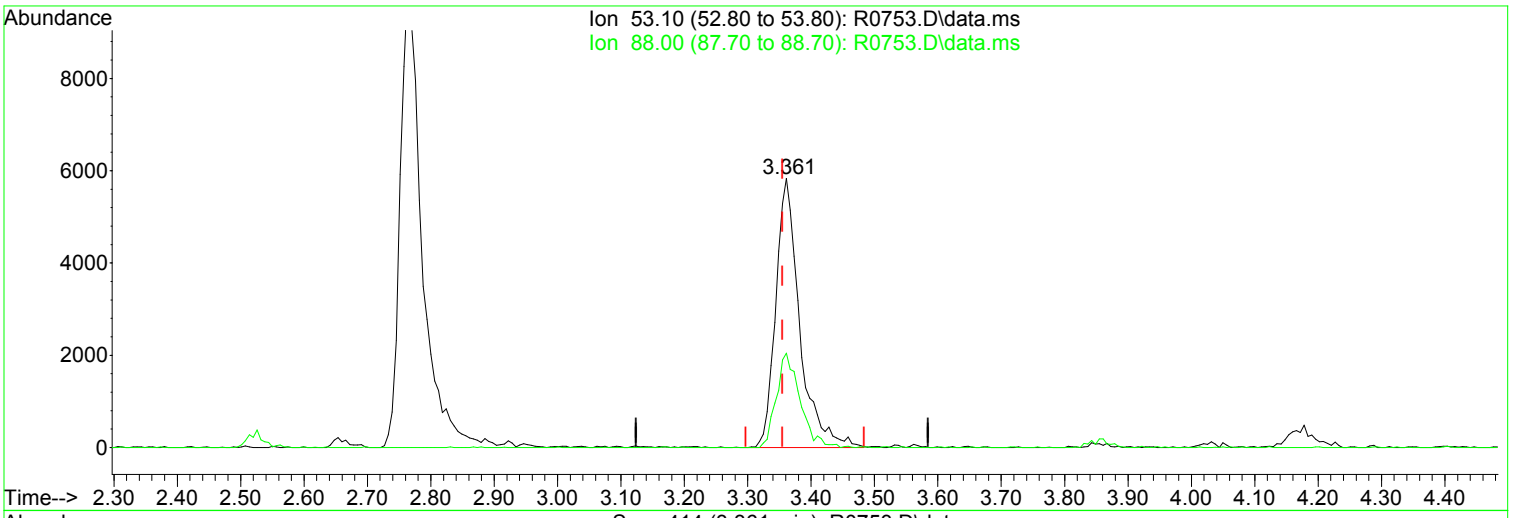
Before

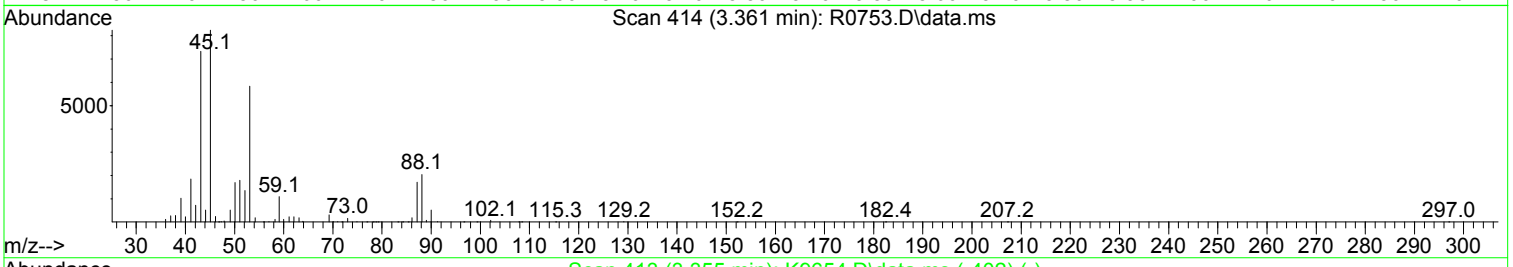
03/13/25

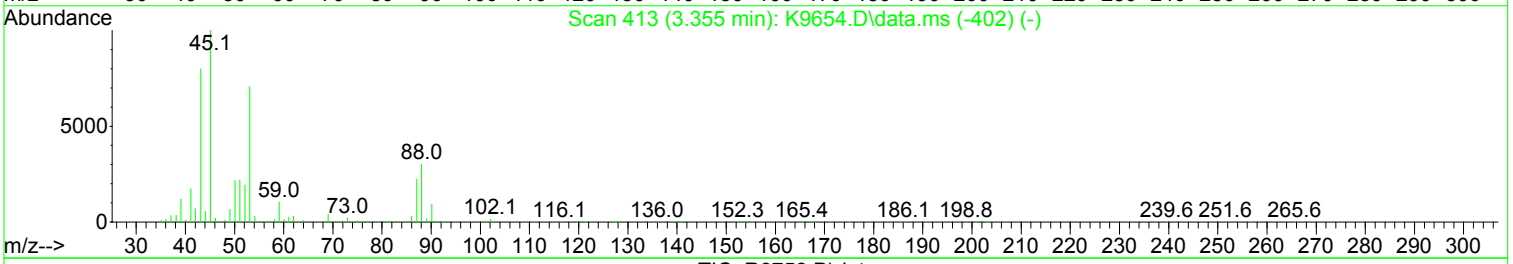
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 2.01 ug/L m

response 15368

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	42.70	35.04
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

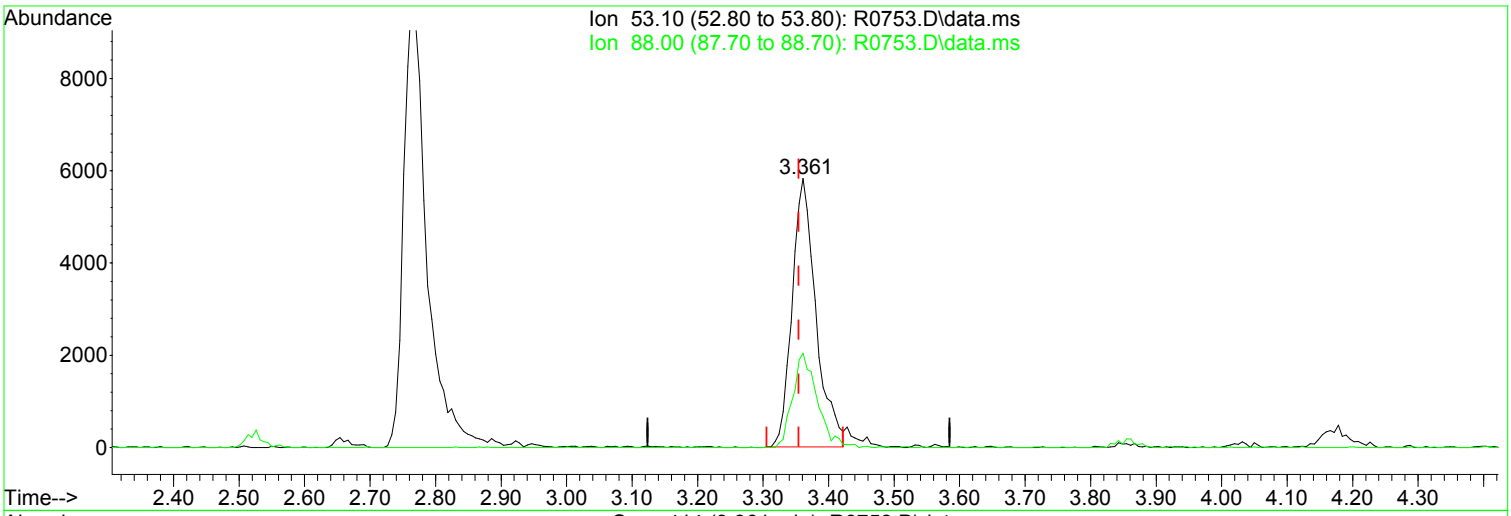
Poor integration.

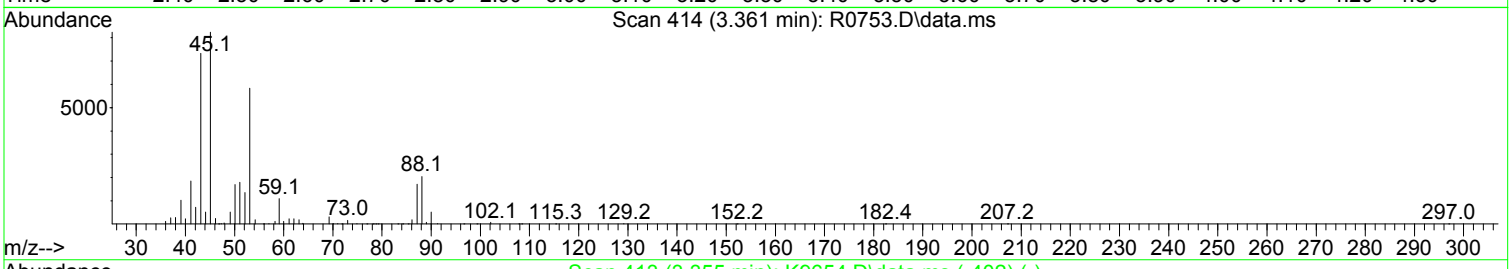
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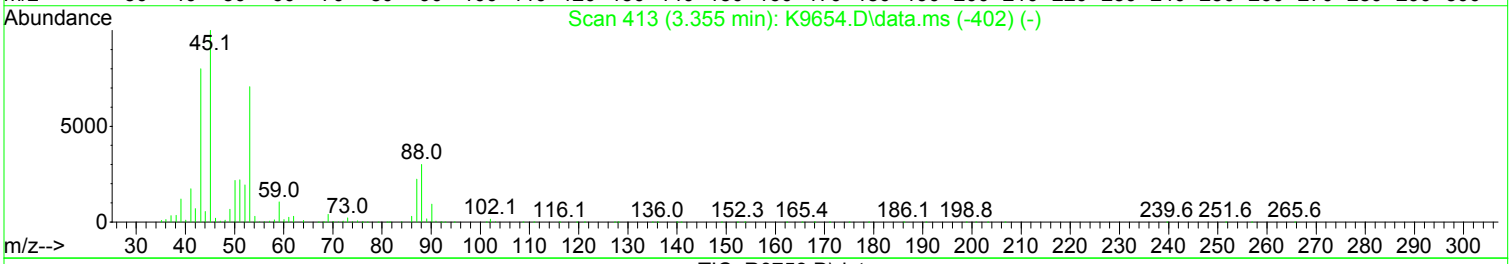
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(30) 2-Chloro-1,3-Butadiene

3.361min (+ 0.006) 1.92 ug/L

response 14675

Ion	Exp%	Act%
53.10	100.00	100.00
88.00	42.70	35.04
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

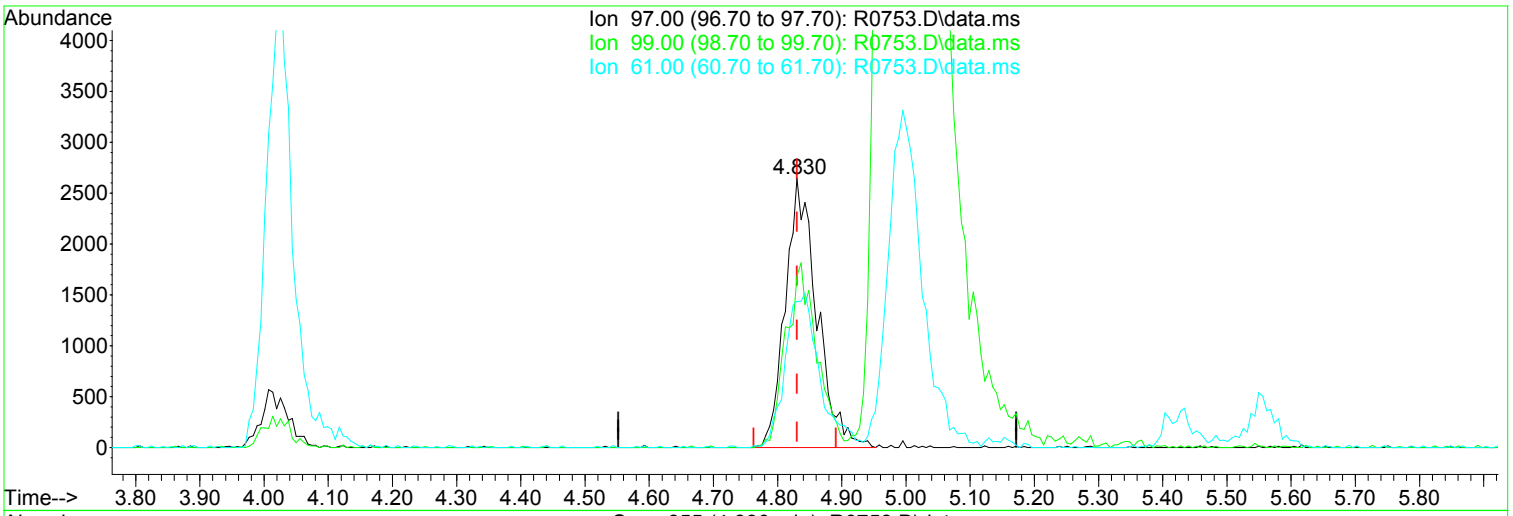
Before

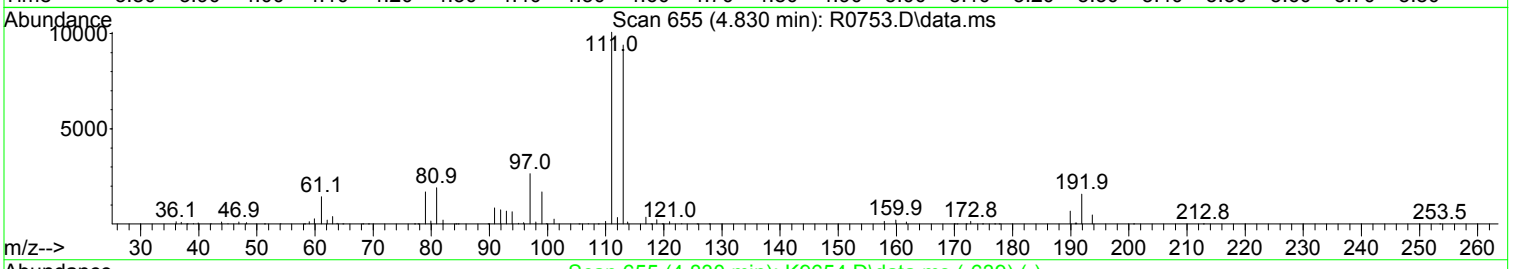
03/13/25

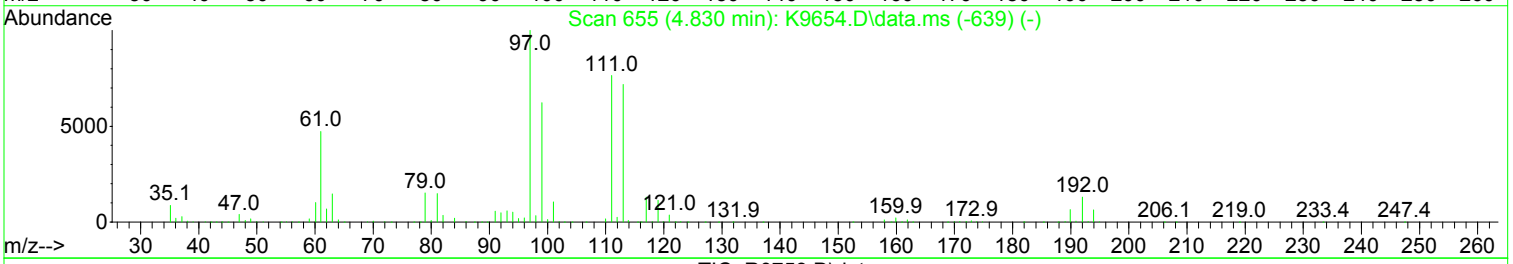
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.830min (-0.000) 1.88 ug/L m

response 9042

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	63.73
61.00	47.30	54.43
0.00	0.00	0.00

Manual Integration:

After

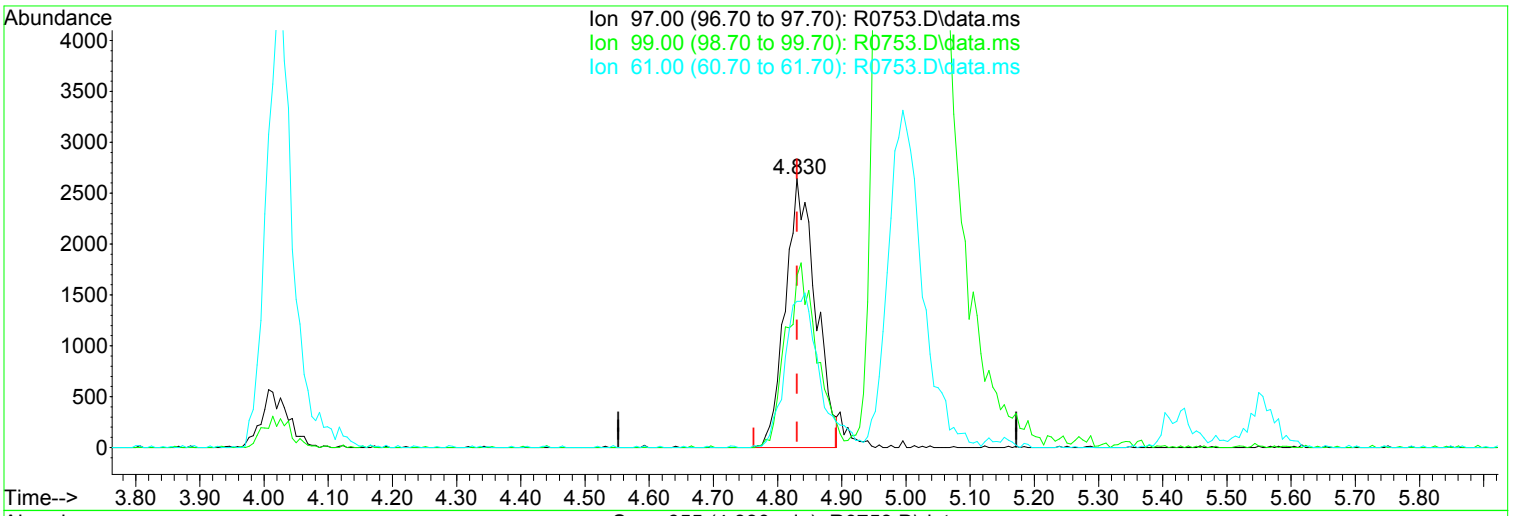
Poor integration.

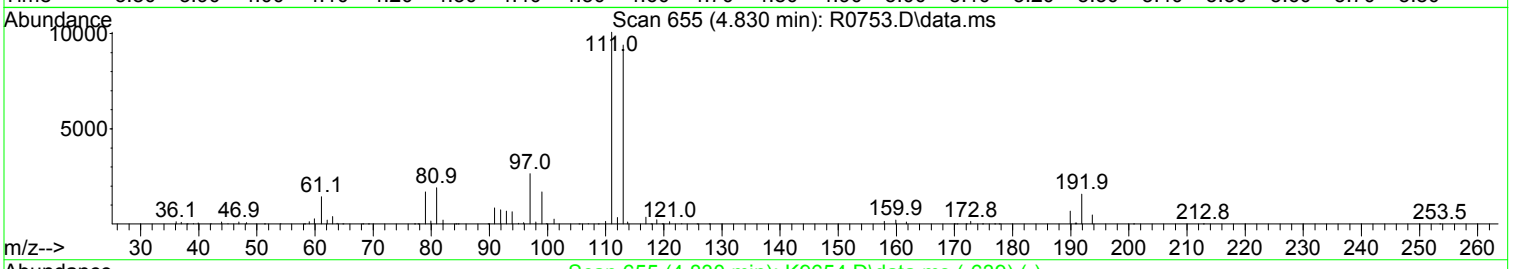
03/13/25

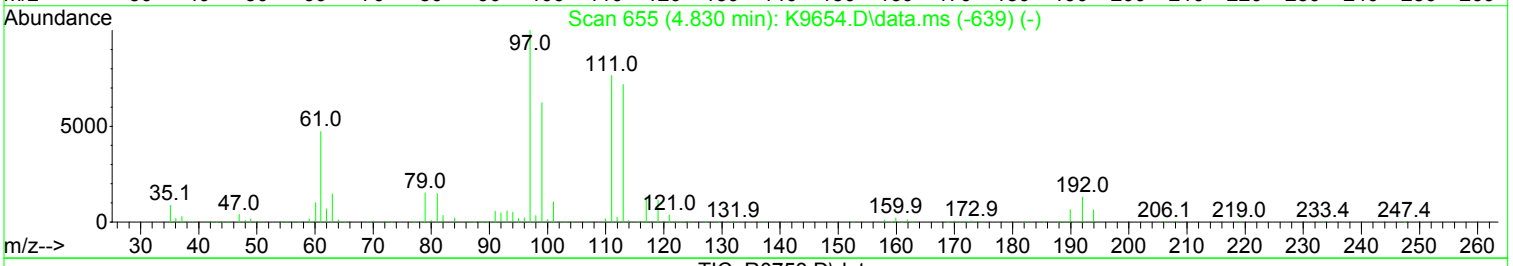
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0753.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.830min (-0.000) 1.80 ug/L

response 8662

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	62.30	63.73
61.00	47.30	54.43
0.00	0.00	0.00

Manual Integration:

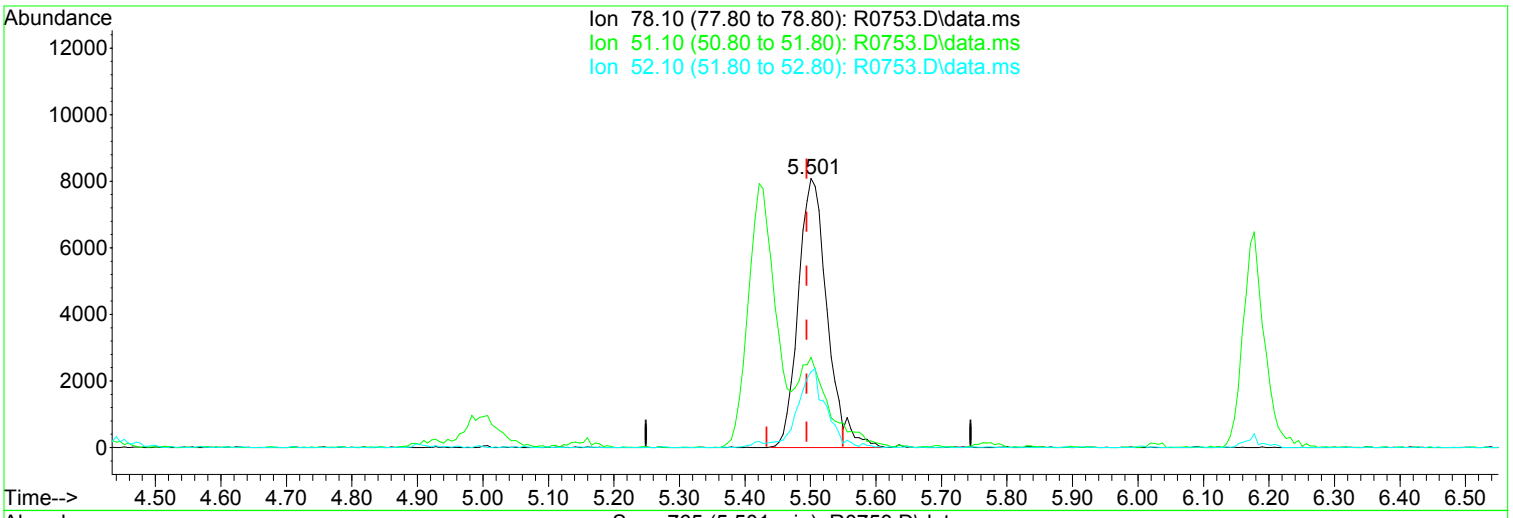
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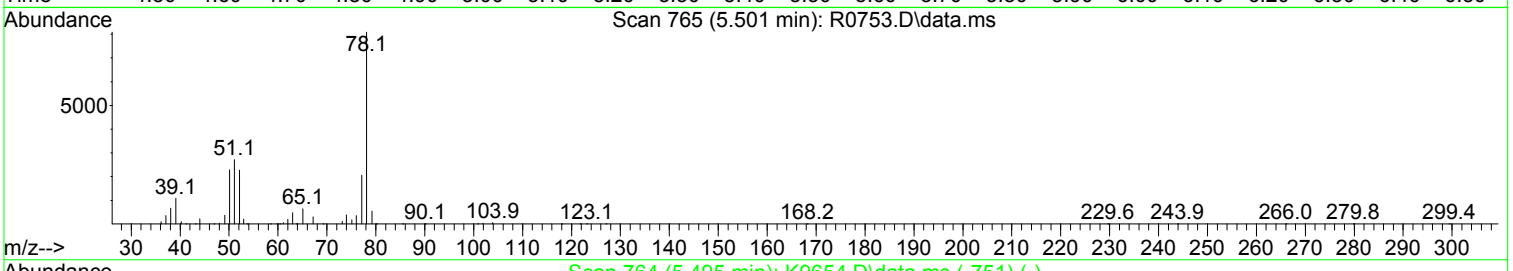
03/13/25

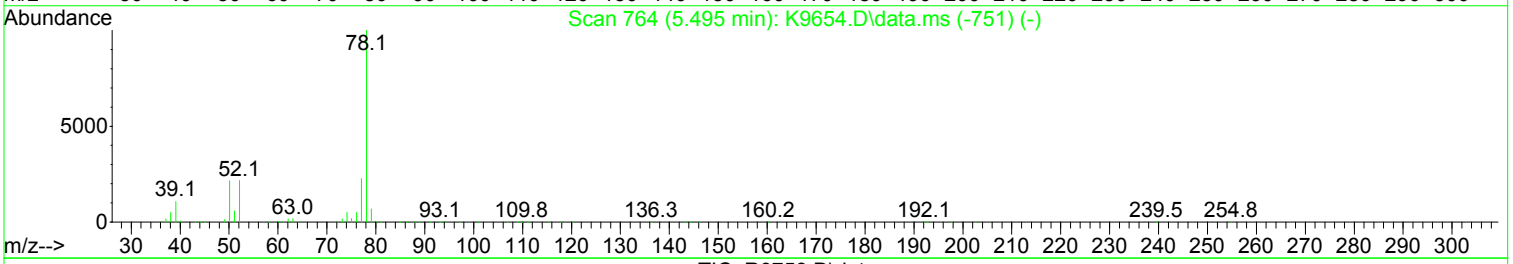
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
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Misc : WATER ICAL
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Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
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QLast Update : Thu Mar 13 10:01:36 2025
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TIC: R0753.D\data.ms

(48) Benzene (P)

5.501min (+ 0.006) 2.12 ug/L m

response 24708

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.90	33.59
52.10	21.90	28.22
0.00	0.00	0.00

Manual Integration:

After

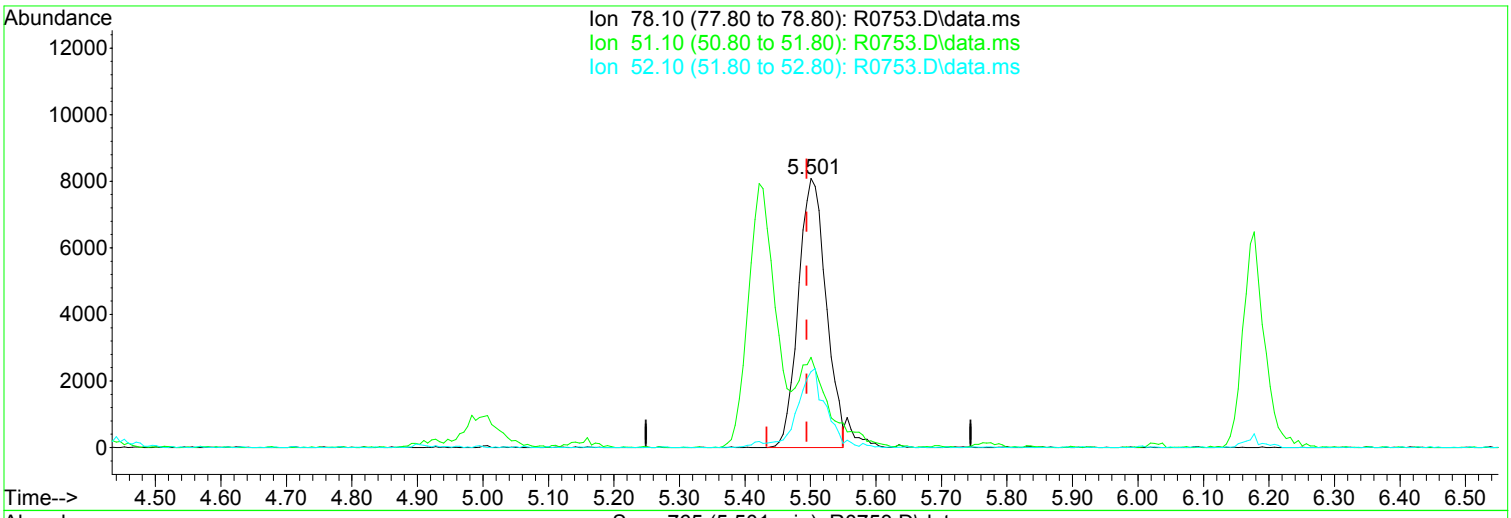
Poor integration.

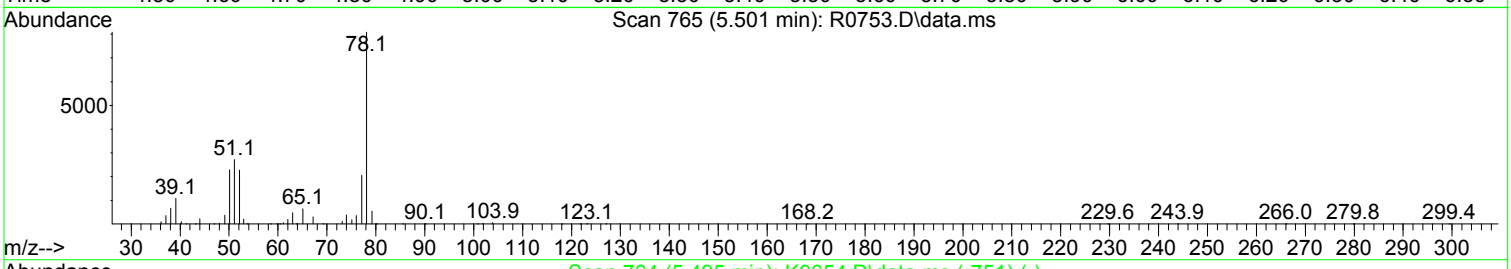
03/13/25

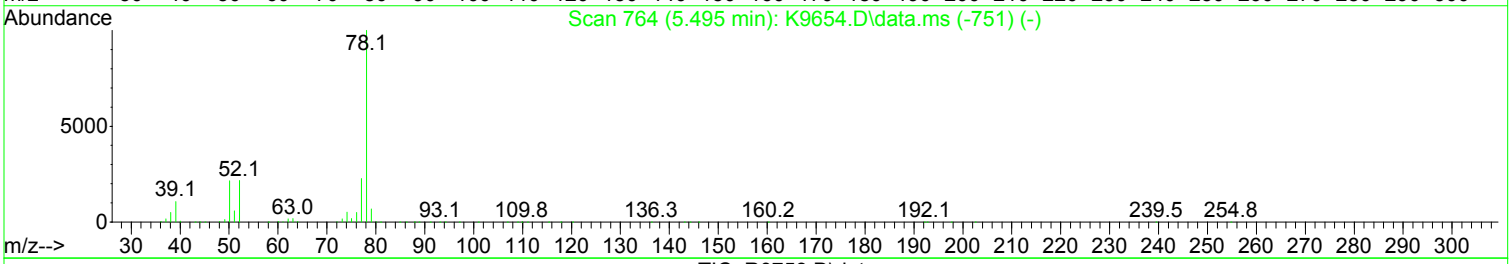
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
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Misc : WATER ICAL
ALS Vial : 4 Sample Multiplier: 1

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TIC: R0753.D\data.ms

(48) Benzene (P)

5.501min (+ 0.006) 2.03 ug/L

response 23672

Ion	Exp%	Act%
78.10	100.00	100.00
51.10	23.90	33.59
52.10	21.90	28.22
0.00	0.00	0.00

Manual Integration:

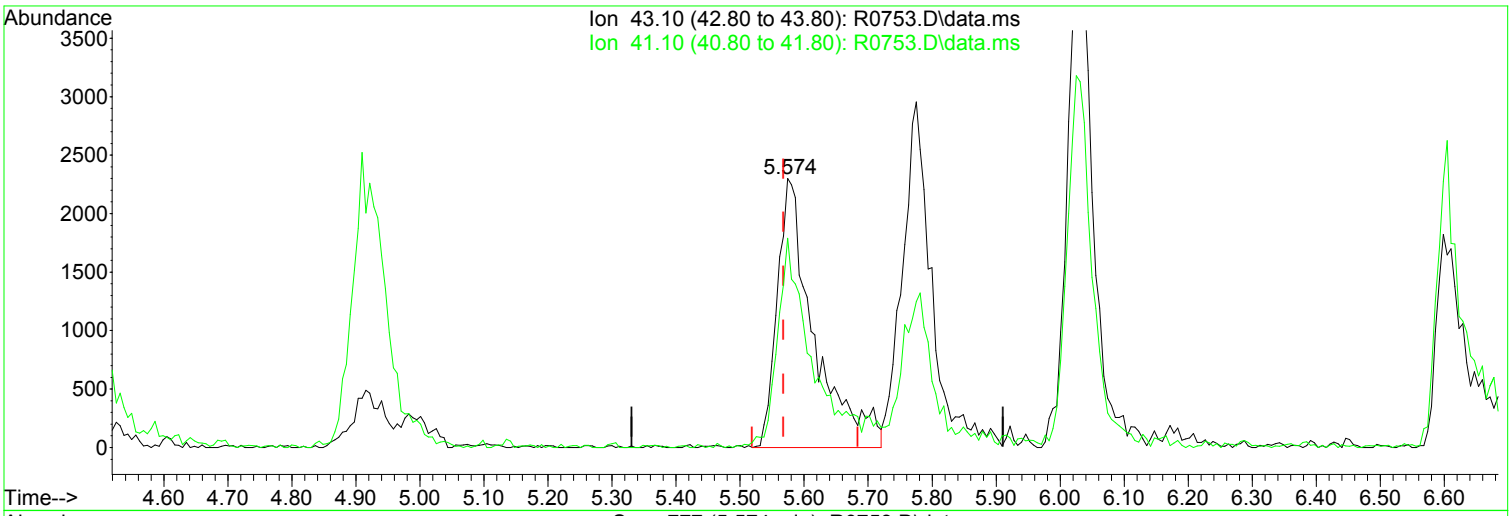
Before

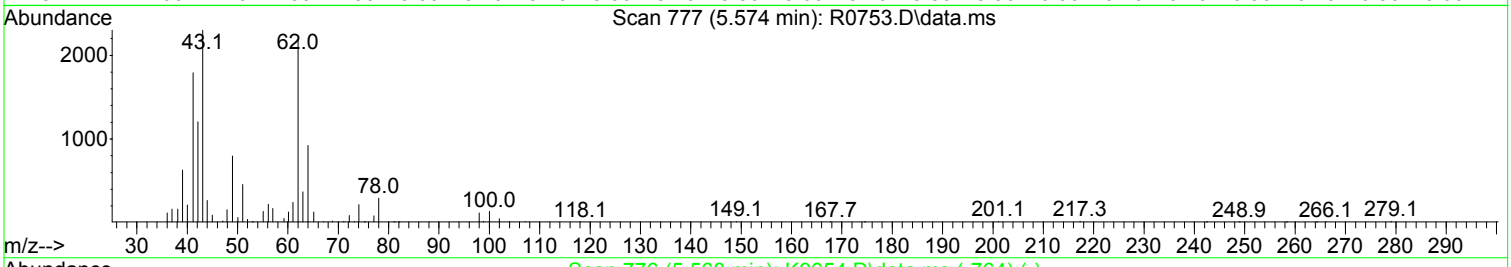
03/13/25

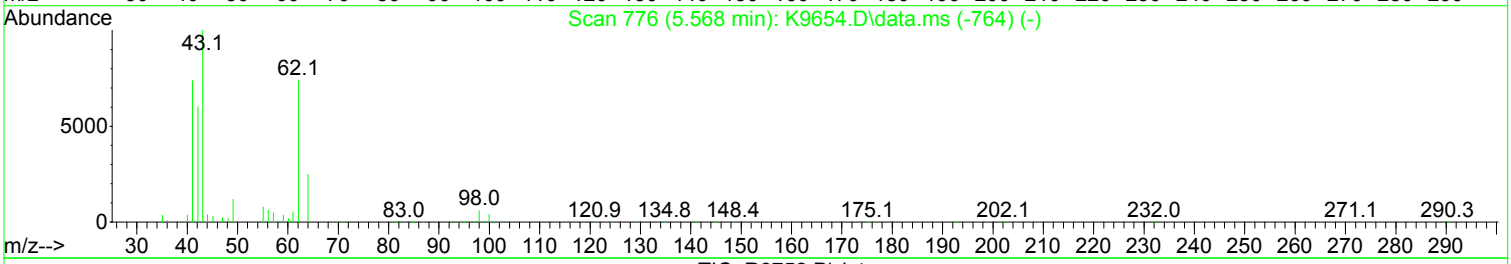
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Acq On : 12 Mar 2025 12:22 pm
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TIC: R0753.D\data.ms

(50) Iso-Butyl Alcohol

5.574min (+ 0.006) 34.42 ug/L m

response 9166

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.80	77.83
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

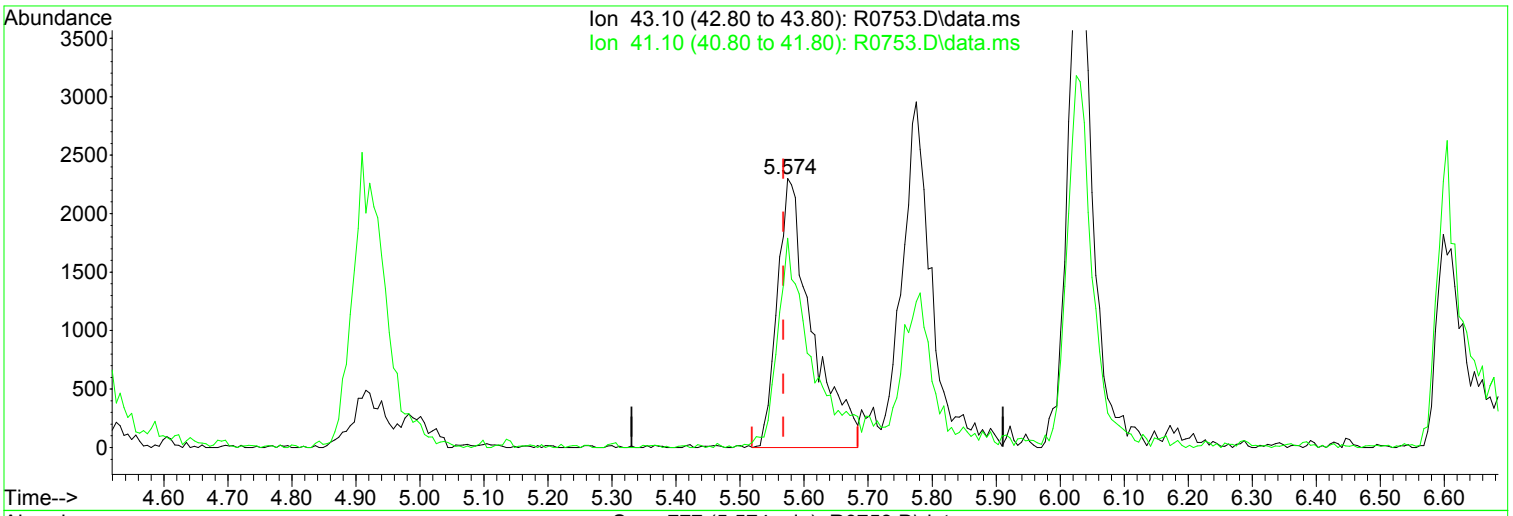
Poor integration.

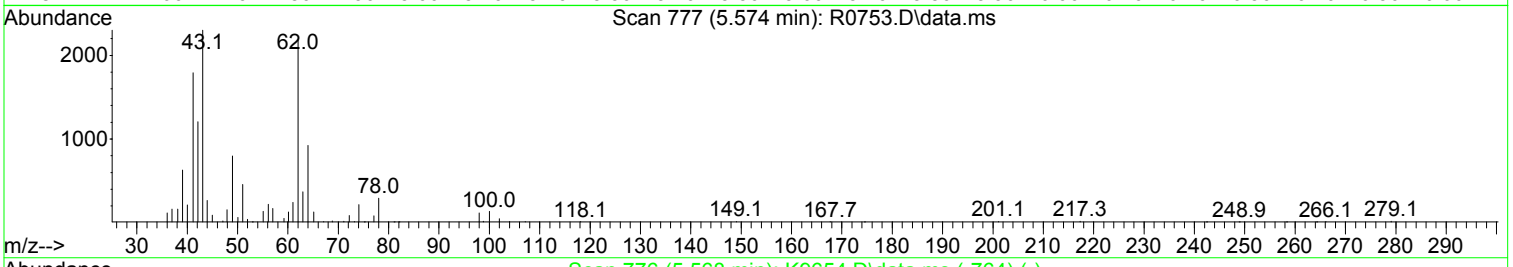
03/13/25

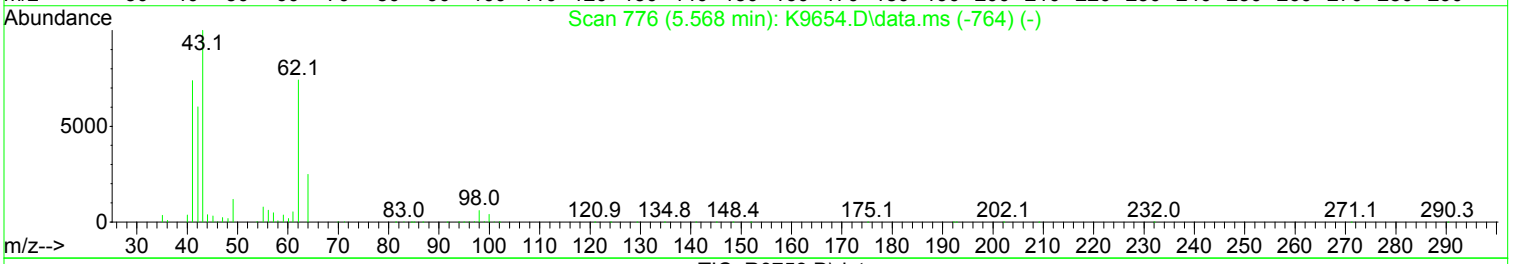
Quantitation Report (Qedit)

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TIC: R0753.D\data.ms

(50) Iso-Butyl Alcohol

5.574min (+ 0.006) 32.33 ug/L

response 8608

Ion	Exp%	Act%
43.10	100.00	100.00
41.10	73.80	77.83
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

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QLast Update : Thu Mar 13 10:01:36 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.001	168	316120	50.00	ug/L		0.01
42) 1,4-Difluorobenzene	6.178	114	524618	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	429336	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	198330	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	33416	9.56	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 19.12%#				
47) surr1,1,2-dichloroetha...	5.422	65	51117	10.36	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 20.72%#				
64) SURR3,Toluene-d8	8.049	98	123283	10.05	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 20.10%#				
69) SURR2,BFB	10.659	95	44541	9.52	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 19.04%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.093	51	7126	2.034	ug/L		100
3) Dichlorodifluoromethane	1.075	85	6873	2.038	ug/L		97
4) Chloromethane	1.209	50	10123	1.945	ug/L		97
5) Vinyl Chloride	1.264	62	8422	2.104	ug/L		95
6) Bromomethane	1.471	94	5375	2.461	ug/L		93
7) Chloroethane	1.544	64	5098	2.114	ug/L		91
8) Freon 21	1.678	67	11637	2.169	ug/L		86
9) Trichlorofluoromethane	1.721	101	11172	2.111	ug/L		95
10) Diethyl Ether	1.935	59	7765	2.053	ug/L		83
11) Freon 123a	1.941	67	6967m	2.126	ug/L		
12) Freon 123	1.989	83	8557m	2.152	ug/L		
13) Acrolein	2.032	56	10636	9.433	ug/L		98
14) 1,1-Diclethene	2.105	96	5821	2.075	ug/L		98
15) Freon 113	2.105	101	6171m	2.073	ug/L		
16) Acetone	2.154	43	7251	2.660	ug/L		88
17) 2-Propanol	2.282	45	15109	36.296	ug/L		84
18) Iodomethane	2.227	142	1052m	0.346	ug/L		
19) Carbon Disulfide	2.282	76	11956	1.765	ug/L		97
20) Acetonitrile/Allyl Chl...	2.410	41	18410	11.650	ug/L		93
21) Methyl Acetate	2.441	43	8351m	1.962	ug/L		
22) Methylene Chloride	2.520	84	6262	1.982	ug/L	#	73
23) TBA	2.654	59	19948	34.200	ug/L		67
24) Acrylonitrile	2.764	53	23840	10.022	ug/L		95
25) Methyl-t-Butyl Ether	2.806	73	19542	2.036	ug/L		86
26) trans-1,2-Dichloroethene	2.788	96	6173	2.048	ug/L		96
27) 1,1-Diclethane	3.245	63	12764	1.977	ug/L		95
28) Vinyl Acetate	3.349	86	890	1.434	ug/L	#	32
29) DIPE	3.367	45	27909	1.992	ug/L		95
30) 2-Chloro-1,3-Butadiene	3.361	53	15368m	2.006	ug/L		
31) ETBE	3.855	59	25153	2.025	ug/L		98
32) 2,2-Dichloropropane	4.007	77	7262	1.898	ug/L		95
33) cis-1,2-Dichloroethene	4.026	96	6864	2.063	ug/L	#	71
34) 2-Butanone	4.087	43	6167	1.954	ug/L		92
35) Propionitrile	4.172	54	9687	10.067	ug/L		97
36) Bromochloromethane	4.391	130	4746	2.071	ug/L		90
37) Methacrylonitrile	4.397	67	3248	1.876	ug/L	#	85
38) Tetrahydrofuran	4.501	42	3735	1.954	ug/L		94
39) Chloroform	4.562	83	11989	2.063	ug/L		91
40) 1,1,1-Trichloroethane	4.830	97	9042m	1.883	ug/L		

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0753.D
Acq On : 12 Mar 2025 12:22 pm
Operator : K.Ruest
Sample : 2.0ppbMRL
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 10:09:28 2025
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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
41) TAME	5.769	73	14949	1.846 ug/L		89
43) Cyclohexane	4.910	41	8572	2.224 ug/L		86
45) Carbontetrachloride	5.129	117	8335	2.014 ug/L		88
46) 1,1-Dichloropropene	5.147	75	8535	2.085 ug/L		94
48) Benzene	5.501	78	24708m	2.120 ug/L		
49) 1,2-Dichloroethane	5.556	62	12807	2.103 ug/L		98
50) Iso-Butyl Alcohol	5.574	43	9166m	34.422 ug/L		
51) n-Heptane	6.025	43	12491	2.040 ug/L		87
52) 1-Butanol	6.604	56	10131	64.726 ug/L		99
53) Trichloroethene	6.507	130	7244	2.115 ug/L		83
54) Methylcyclohexane	6.751	55	11321	1.956 ug/L		87
55) 1,2-Diclpropane	6.806	63	7652	2.063 ug/L		99
56) Dibromomethane	6.958	93	4197	2.040 ug/L		88
57) 1,4-Dioxane	7.043	88	2201	38.469 ug/L		95
58) Methyl Methacrylate	7.062	69	4688	1.919 ug/L	#	62
59) Bromodichloromethane	7.196	83	6489	1.707 ug/L		91
60) 2-Nitropropane	7.501	41	2082	2.730 ug/L		99
61) 2-Chloroethylvinyl Ether	7.622	63	597	1.247 ug/L		98
62) cis-1,3-Dichloropropene	7.757	75	6447	1.565 ug/L		96
63) 4-Methyl-2-pentanone	7.982	43	9916	1.789 ug/L		96
65) Toluene	8.129	91	27849	2.178 ug/L		93
66) trans-1,3-Dichloropropene	8.409	75	5532	1.495 ug/L		90
67) Ethyl Methacrylate	8.567	69	7088	1.699 ug/L		78
68) 1,1,2-Trichloroethane	8.604	97	6032	2.004 ug/L		93
71) Tetrachloroethene	8.726	164	5027	2.117 ug/L		95
72) 2-Hexanone	8.915	43	7880	1.965 ug/L		92
73) 1,3-Dichloropropane	8.769	76	10431	2.137 ug/L		90
74) Dibromochloromethane	9.000	129	4988	1.754 ug/L		95
75) N-Butyl Acetate	9.073	43	13331	1.791 ug/L		94
76) 1,2-Dibromoethane	9.092	107	6011	1.980 ug/L		91
77) 3-Chlorobenzotrifluoride	9.628	180	8051	2.030 ug/L		90
78) Chlorobenzene	9.598	112	18455	2.189 ug/L		93
79) 4-Chlorobenzotrifluoride	9.683	180	7057	2.026 ug/L		93
80) 1,1,1,2-Tetrachloroethane	9.695	131	5197	1.825 ug/L		94
81) Ethylbenzene	9.720	106	9461	2.188 ug/L		96
82) (m+p)Xylene	9.836	106	22935	4.378 ug/L		94
83) o-Xylene	10.195	106	10693	2.058 ug/L		94
84) Styrene	10.214	104	17354	2.004 ug/L		99
85) Bromoform	10.366	173	2383	1.512 ug/L		97
86) 2-Chlorobenzotrifluoride	10.451	180	7681	2.102 ug/L		91
87) Isopropylbenzene	10.537	105	26233	2.078 ug/L		100
88) Cyclohexanone	10.604	55	44570	40.533 ug/L		98
89) trans-1,4-Dichloro-2-B...	10.854	53	2564	1.643 ug/L	#	60
91) 1,1,2,2-Tetrachloroethane	10.805	83	8405	2.175 ug/L		97
92) Bromobenzene	10.774	156	6980	2.213 ug/L	#	90
93) 1,2,3-Trichloropropane	10.829	110	3258	2.337 ug/L		97
94) n-Propylbenzene	10.896	91	33483	2.270 ug/L		99
95) 2-Chlorotoluene	10.951	91	19877	2.252 ug/L		98
96) 3-Chlorotoluene	11.006	91	20196	2.224 ug/L		91
97) 4-Chlorotoluene	11.049	91	24055	2.333 ug/L		100
98) 1,3,5-Trimethylbenzene	11.049	105	23306	2.183 ug/L		93
99) tert-Butylbenzene	11.323	119	20862	2.226 ug/L		98
100) 1,2,4-Trimethylbenzene	11.360	105	22748	2.154 ug/L		99
101) 3,4-Dichlorobenzotrifl...	11.427	214	5034	2.135 ug/L		91
102) sec-Butylbenzene	11.506	105	29595	2.231 ug/L		95
103) p-Isopropyltoluene	11.628	119	25411	2.228 ug/L		96

1st 03/13/25
2nd 03/13/25

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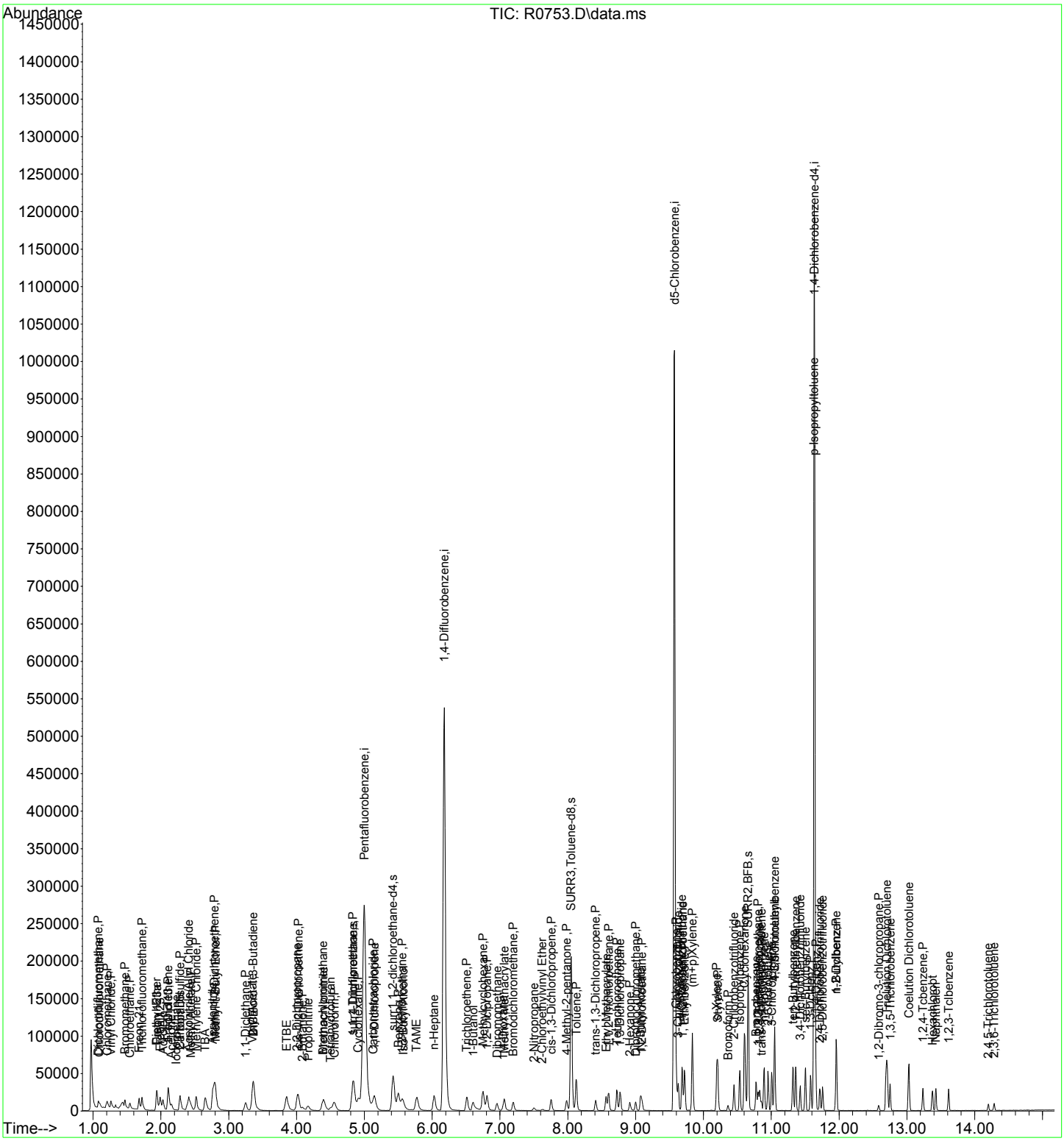
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	13734	2.286	ug/L	93
105) 1,4-Dclbenz	11.658	146	14310	2.321	ug/L	94
106) 2,4-Dichlorobenzotrifl...	11.713	214	4527	2.136	ug/L	89
107) 2,5-Dichlorobenzotrifl...	11.756	214	4993	2.127	ug/L	97
108) n-Butylbenzene	11.957	91	20536	2.114	ug/L	93
109) 1,2-Dclbenz	11.957	146	12917	2.216	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.585	157	1085	1.498	ug/L	92
111) Trielution Dichlorotol...	12.701	125	31016	6.139	ug/L	98
112) 1,3,5-Trichlorobenzene	12.756	180	7244	2.047	ug/L	98
113) Coelution Dichlorotoluene	13.030	125	20583	3.992	ug/L	94
114) 1,2,4-Tcbenzene	13.237	180	6120	1.929	ug/L	89
115) Hexachlorobt	13.378	225	3403	2.340	ug/L	98
116) Naphthalen	13.426	128	16335	1.584	ug/L	97
117) 1,2,3-Tclbenzene	13.615	180	5915	1.998	ug/L	96
118) 2,4,5-Trichlorotoluene	14.201	159	1709	0.966	ug/L	82
119) 2,3,6-Trichlorotoluene	14.286	159	1789	1.088	ug/L	88

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

Quantitation Report (QT Reviewed)

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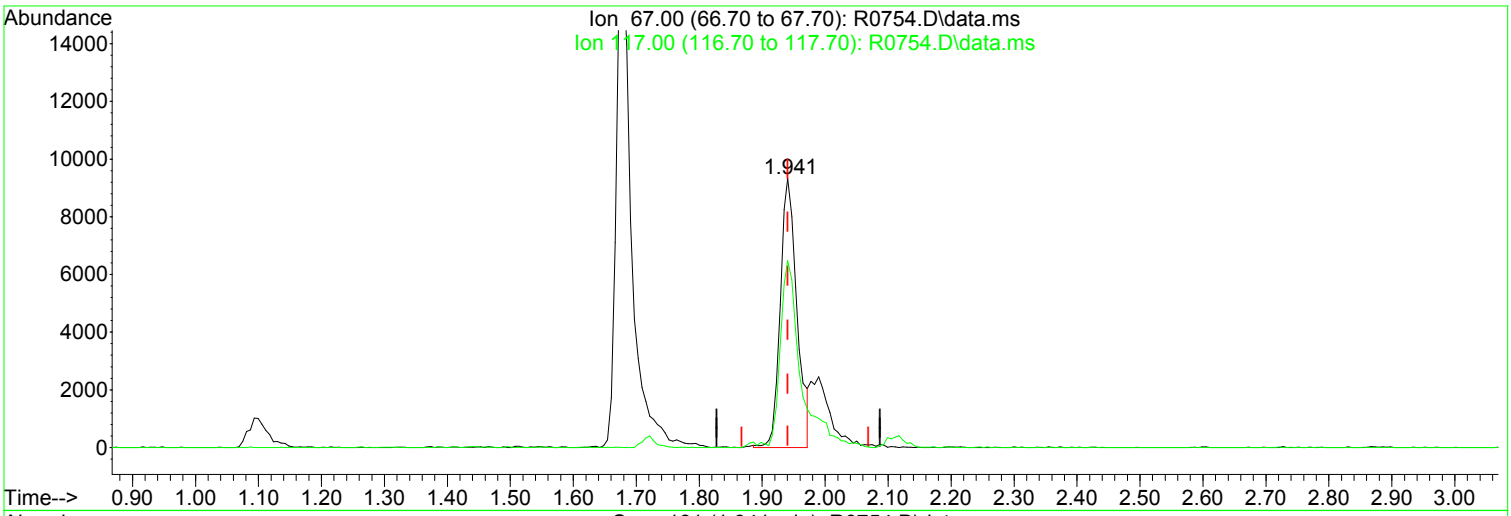
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Response via : Initial Calibration

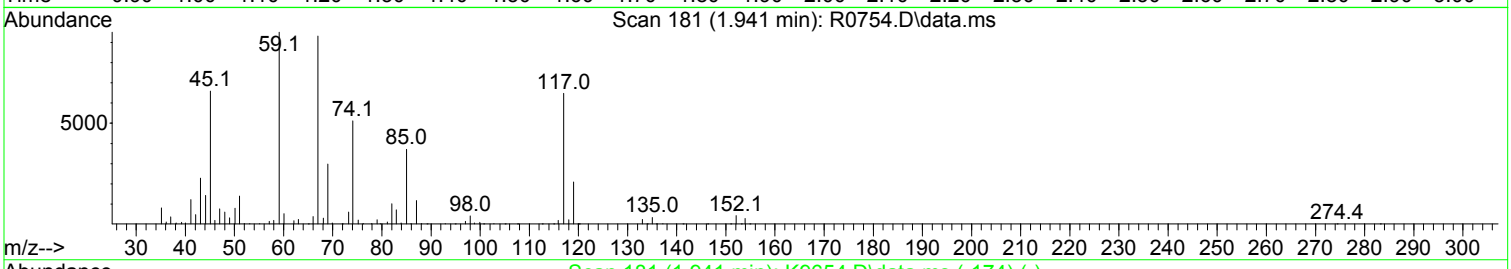


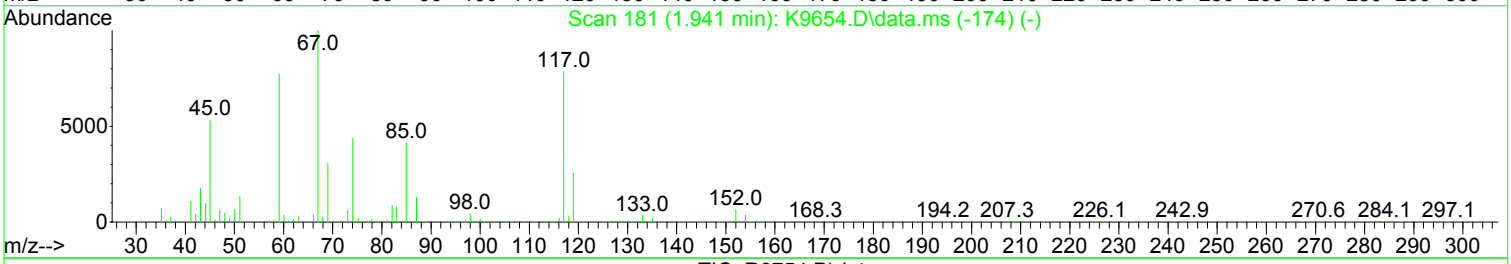
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(11) Freon 123a

1.941min (0.000) 5.31 ug/L m

response 17222

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	69.45
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

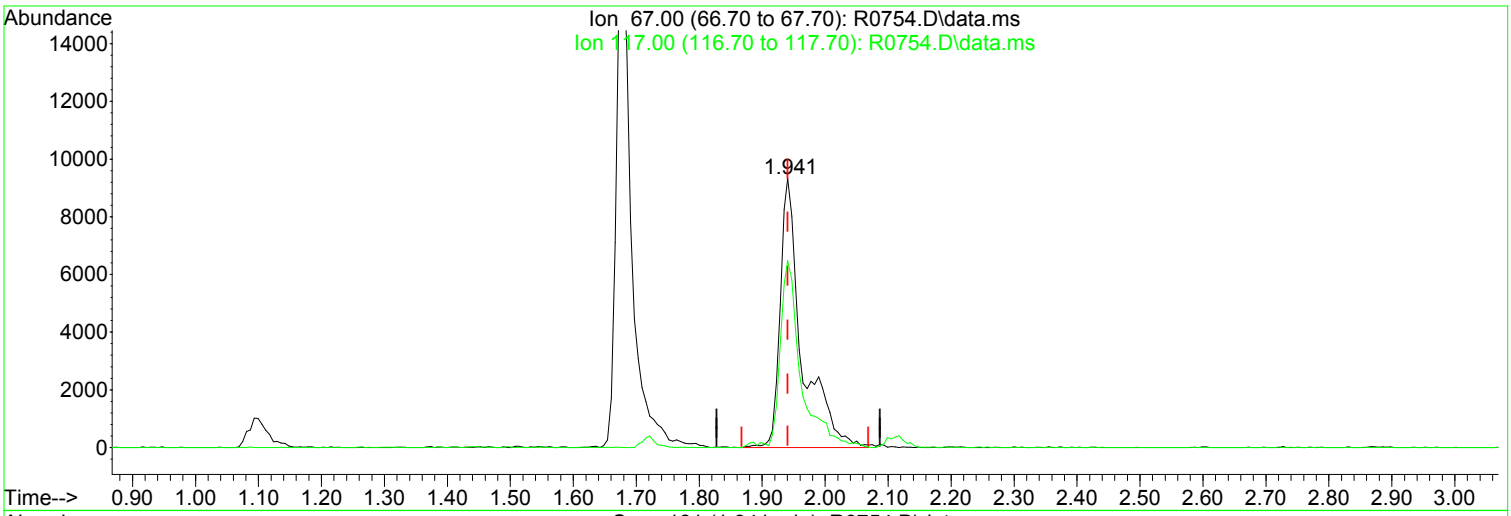
Poor integration.

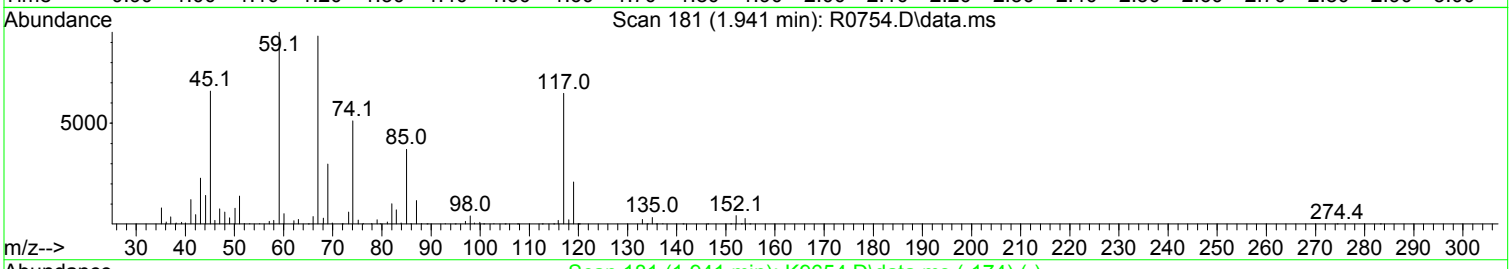
03/13/25

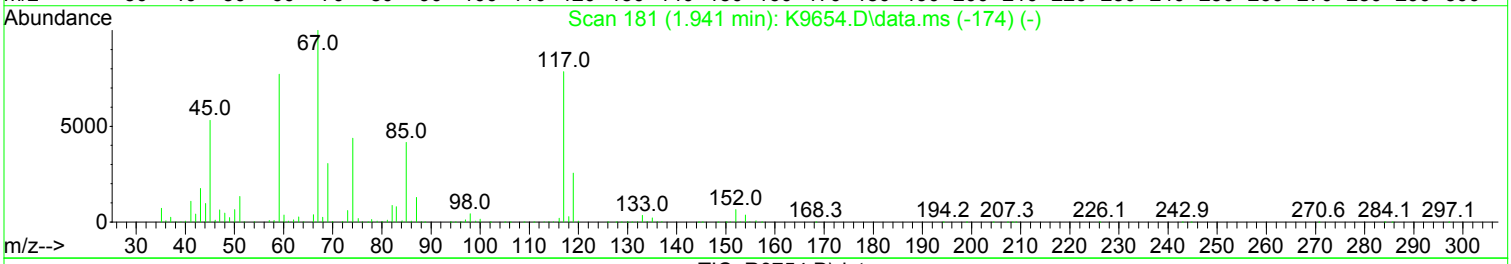
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(11) Freon 123a

1.941min (0.000) 6.98 ug/L

response 22631

Ion	Exp%	Act%
67.00	100.00	100.00
117.00	79.60	69.45
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

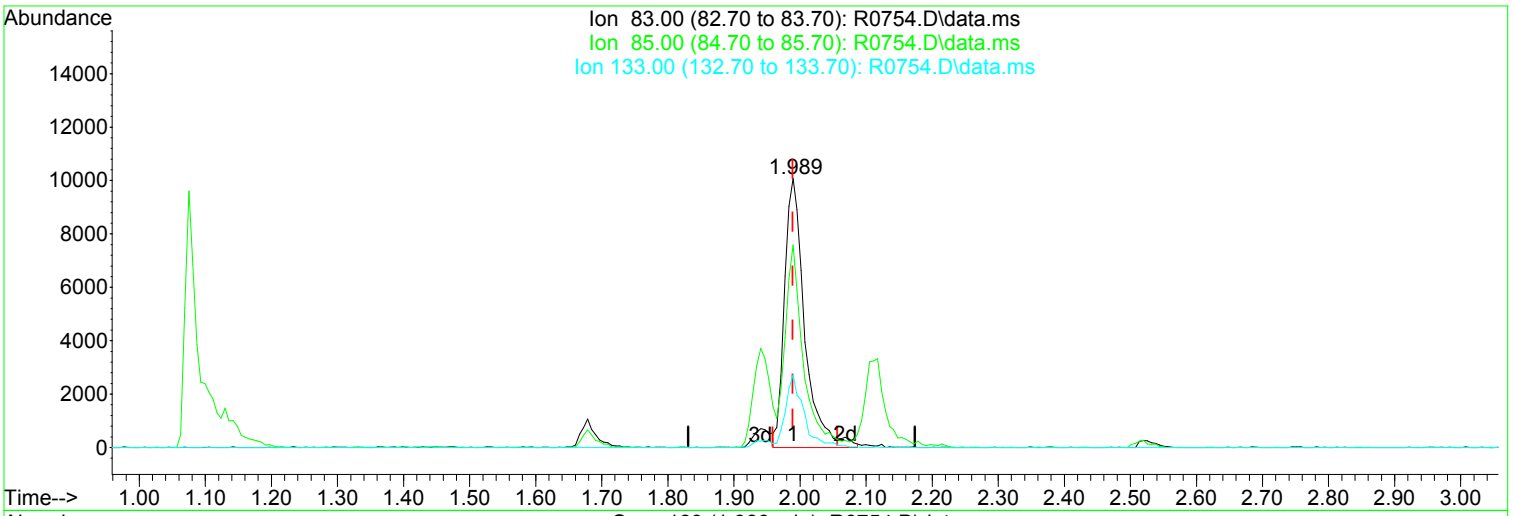
Before

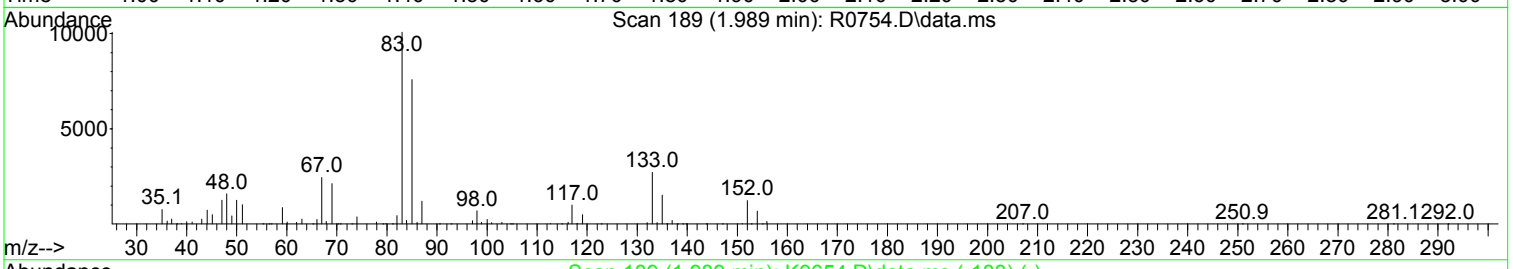
03/13/25

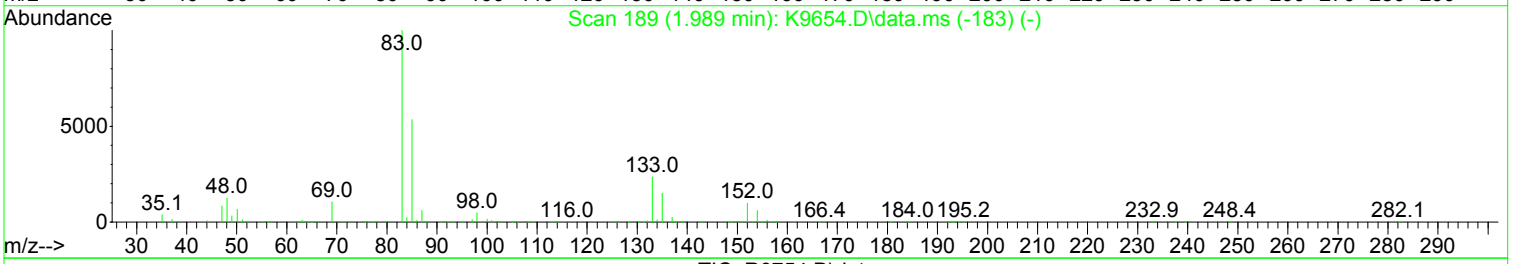
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(12) Freon 123

1.989min (-0.000) 5.45 ug/L m

response 21431

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	75.35
133.00	24.30	26.99
0.00	0.00	0.00

Manual Integration:

After

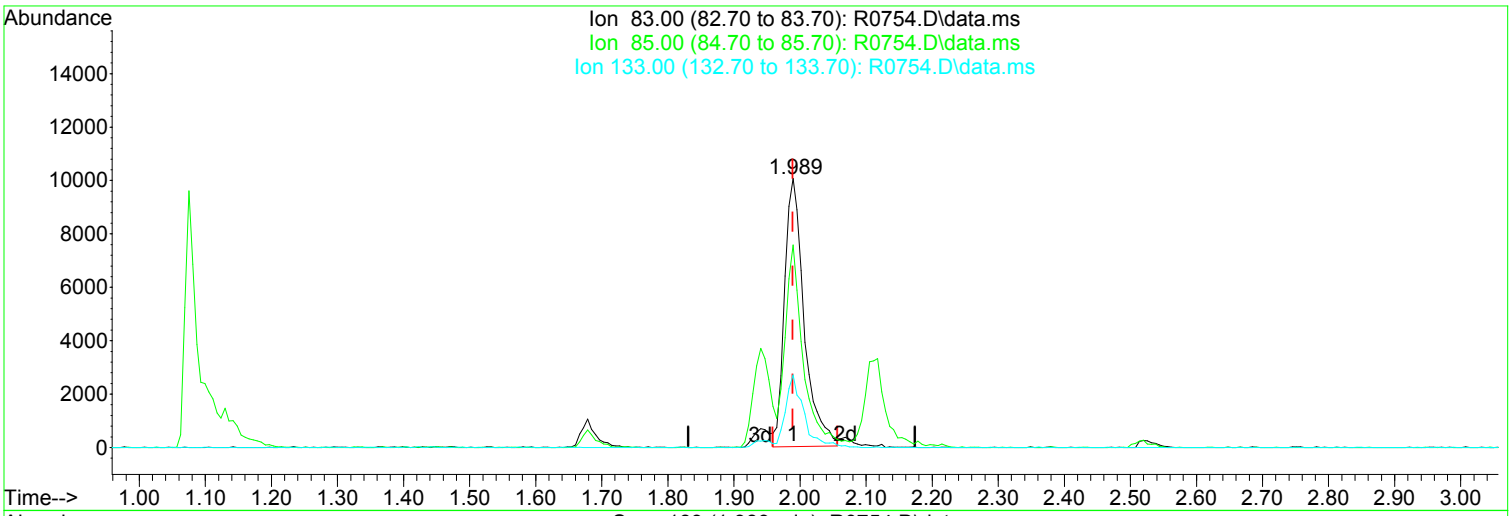
Poor integration.

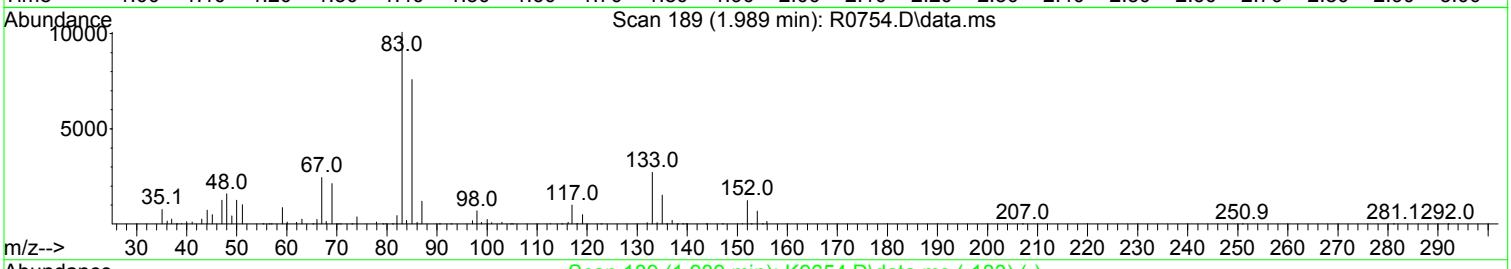
03/13/25

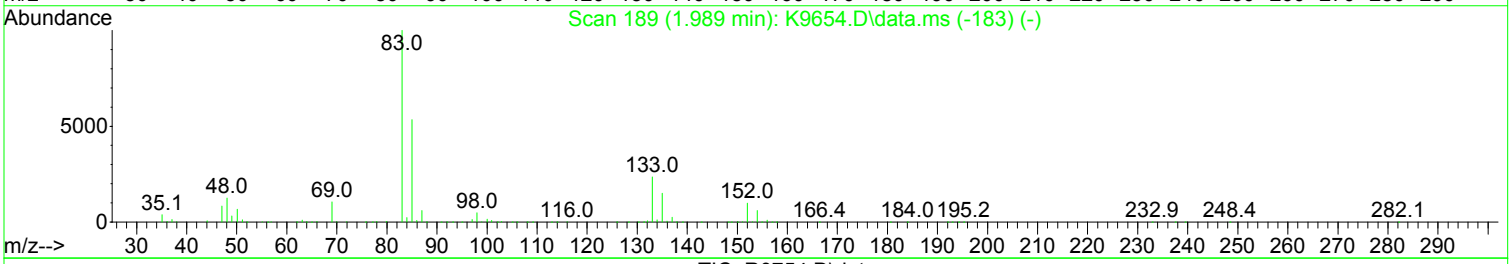
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(12) Freon 123

1.989min (-0.000) 5.26 ug/L

response 20701

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	69.90	75.35
133.00	24.30	26.99
0.00	0.00	0.00

Manual Integration:

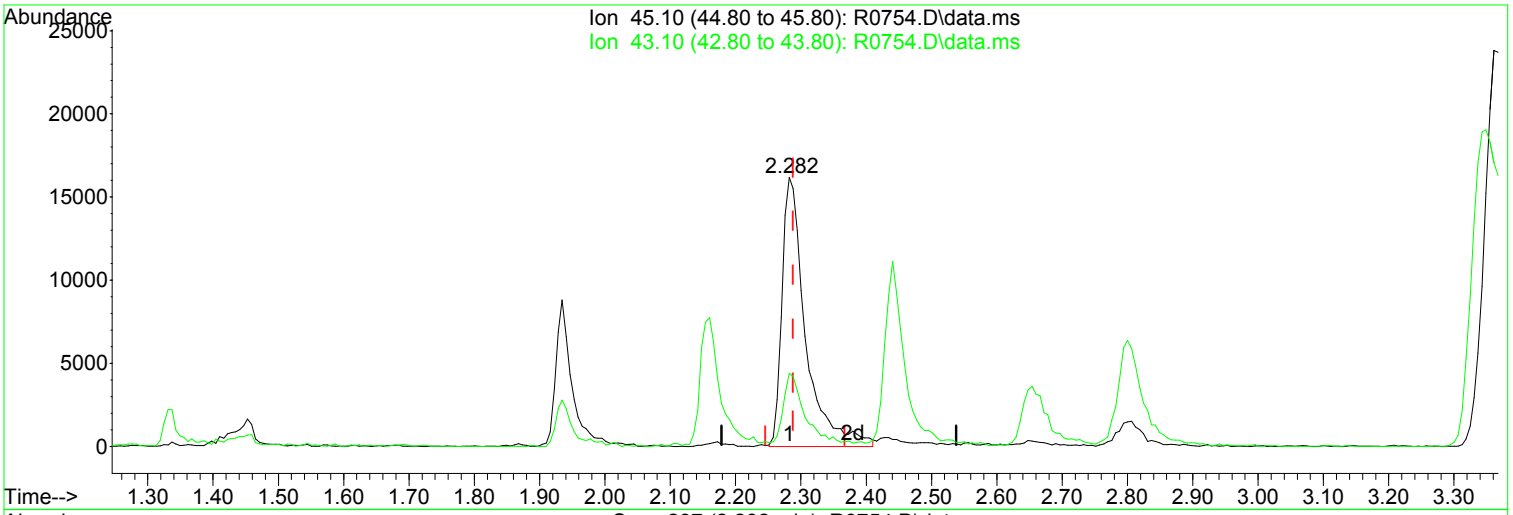
Before

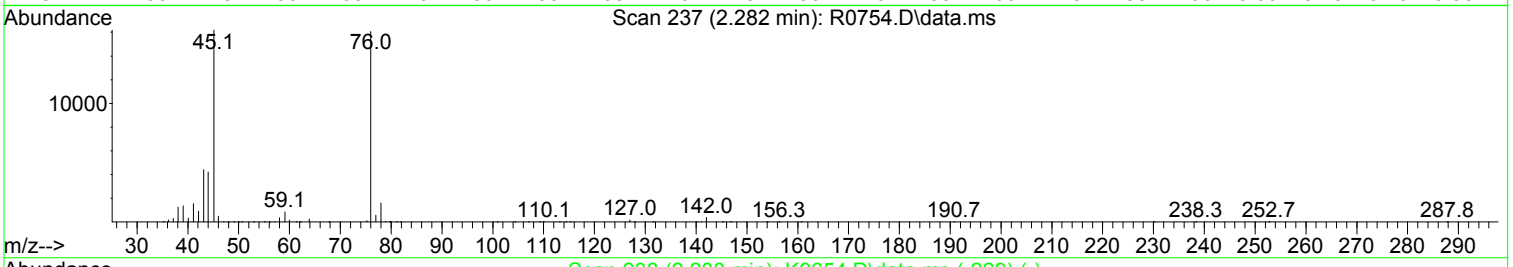
03/13/25

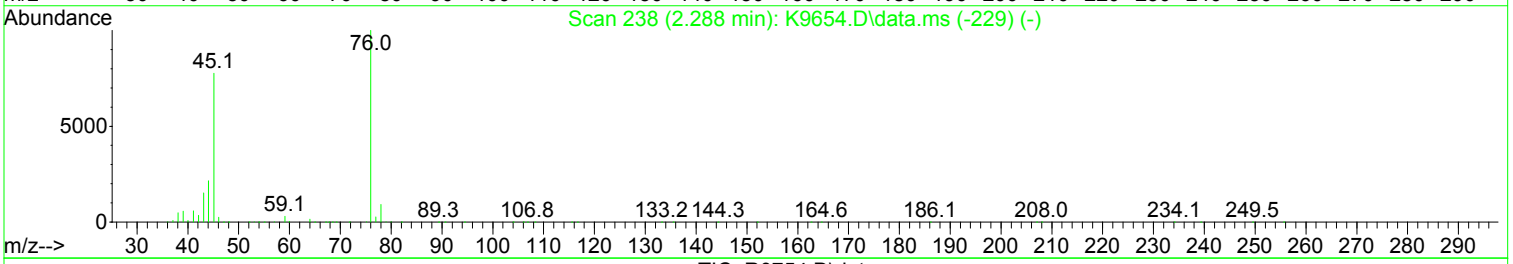
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(17) 2-Propanol

2.282min (-0.006) 98.51 ug/L m

response 40560

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	27.20
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

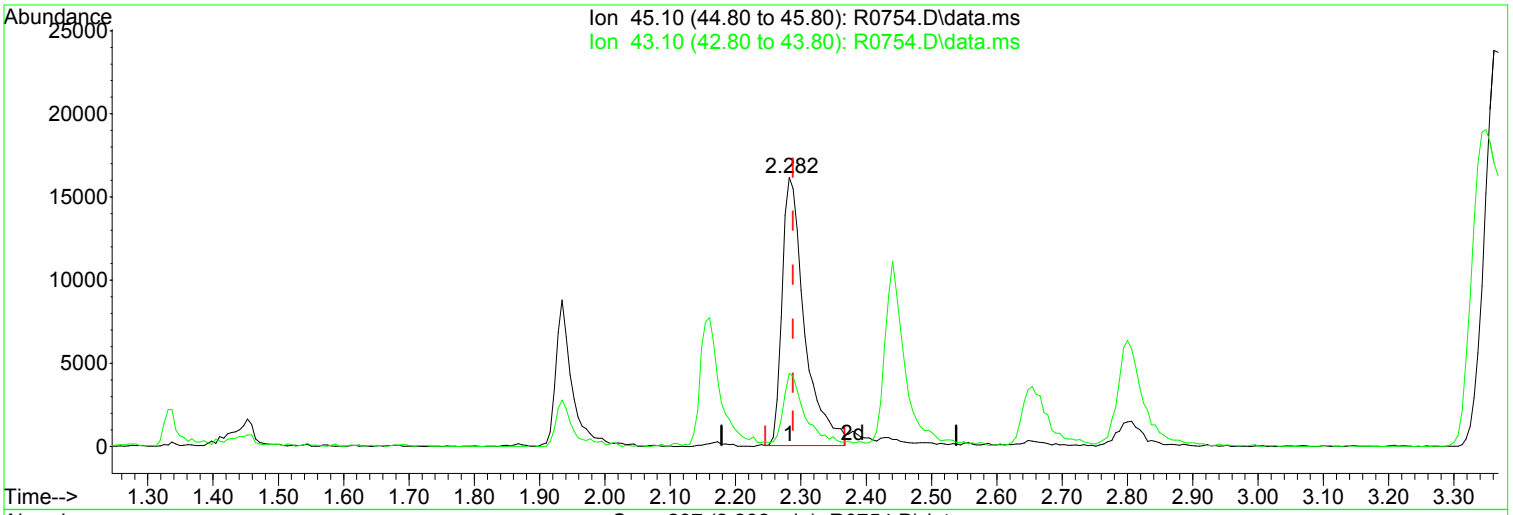
Poor integration.

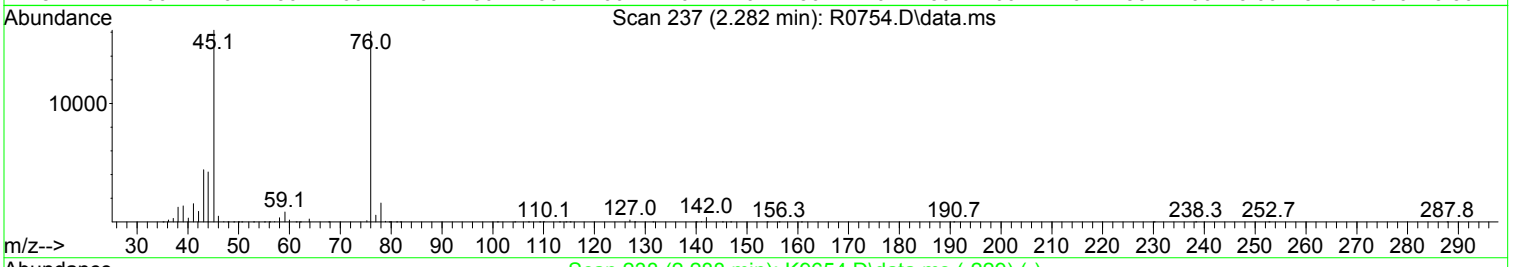
03/13/25

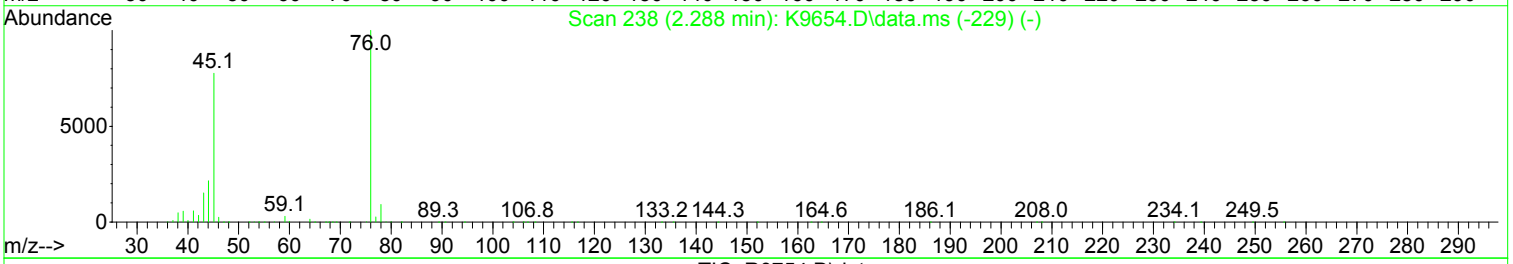
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(17) 2-Propanol

2.282min (-0.006) 93.80 ug/L

response 38619

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	20.70	27.20
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

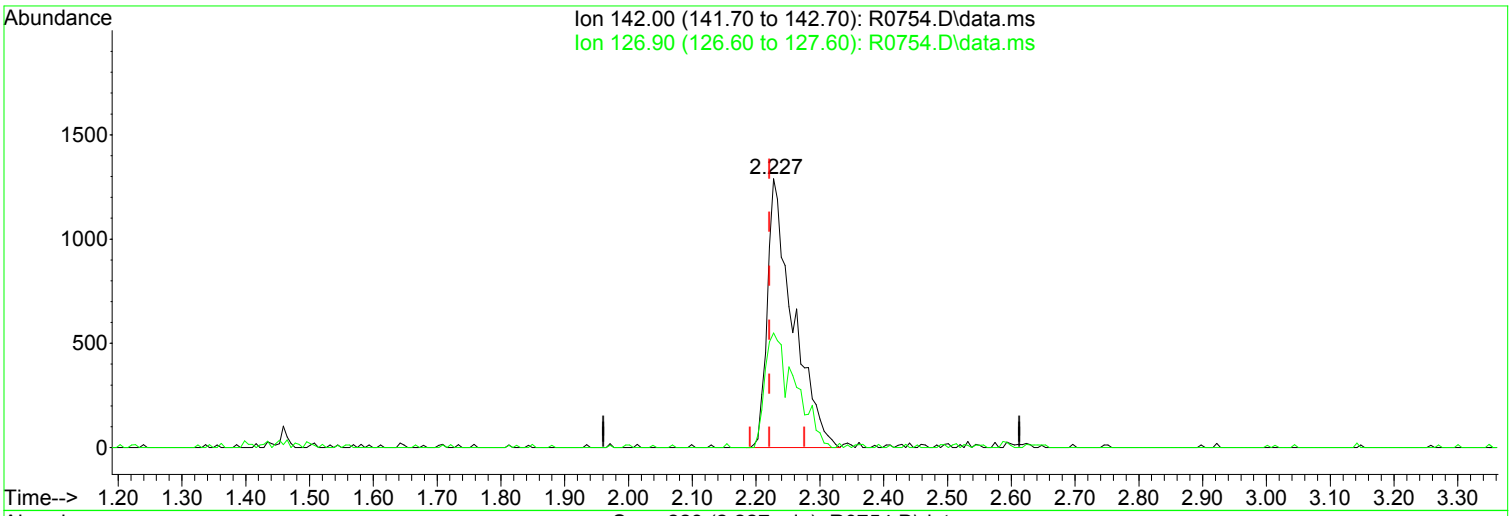
Before

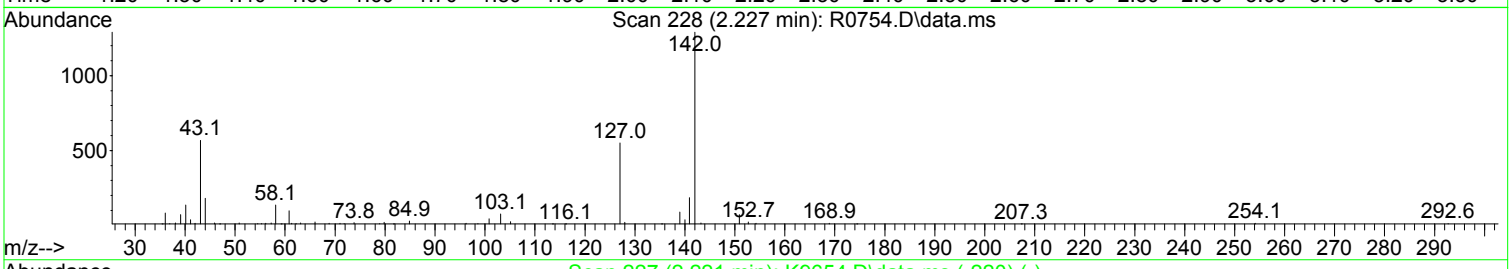
03/13/25

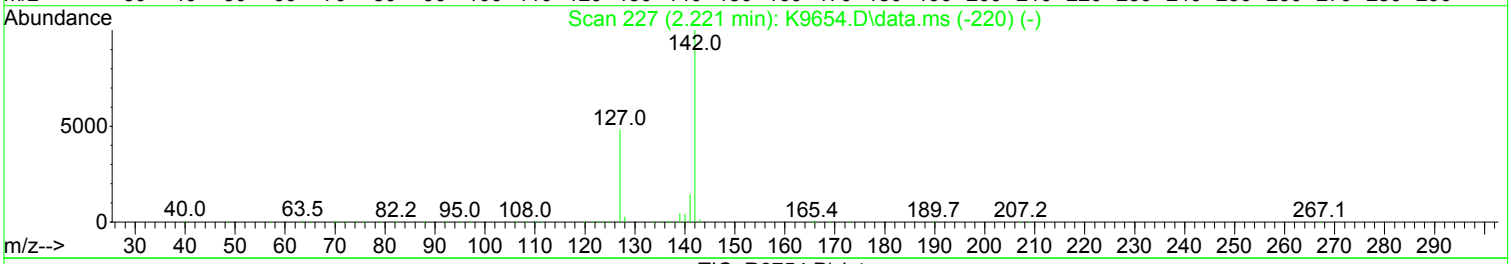
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(18) Iodomethane

2.227min (+ 0.006) 1.20 ug/L m

response 3591

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	42.64
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

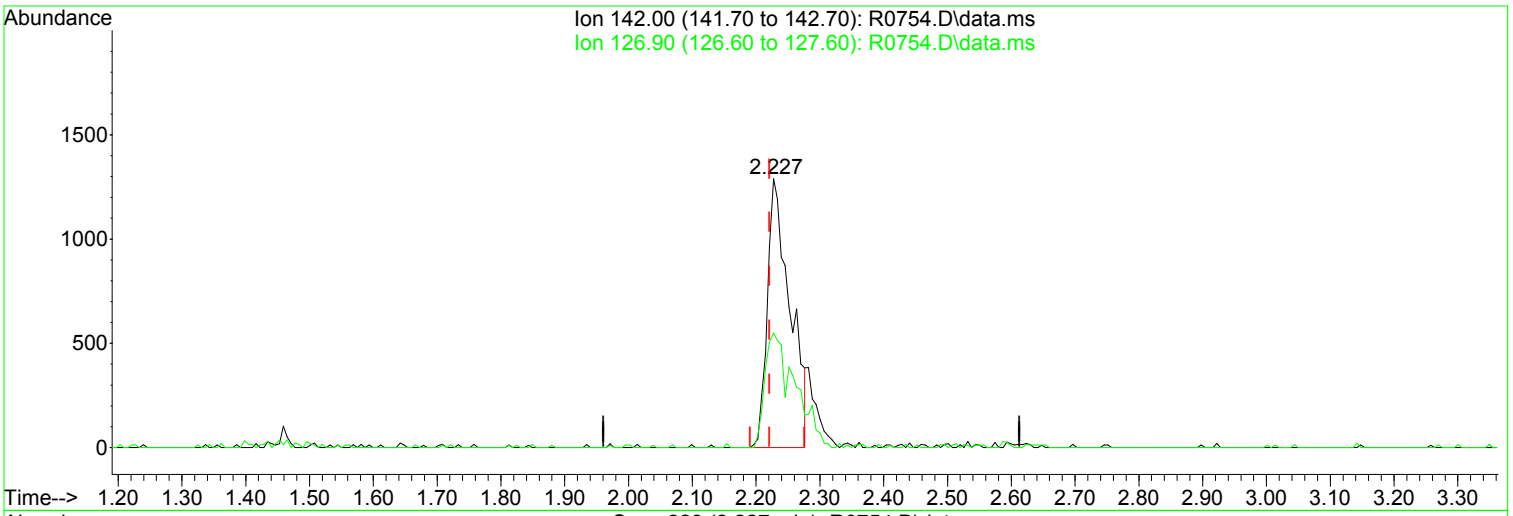
Split Peak.

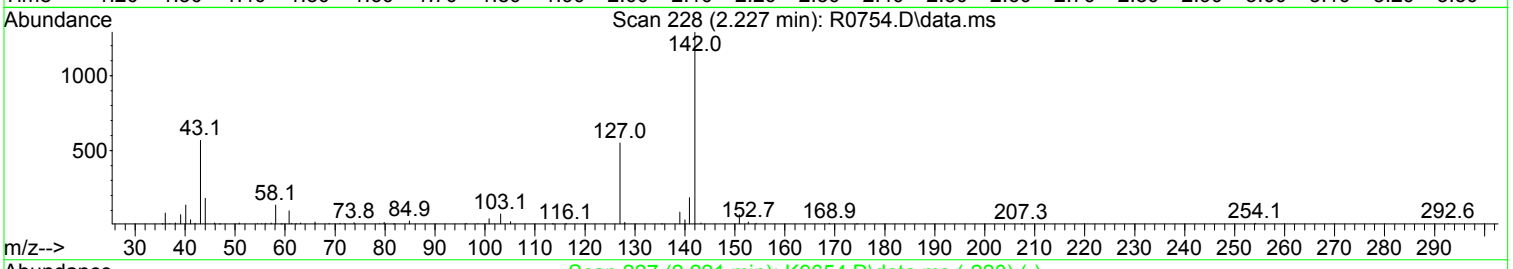
03/13/25

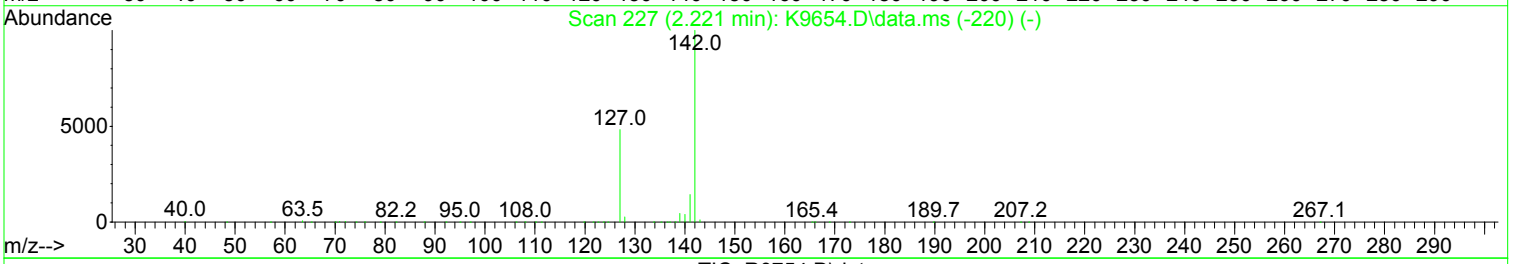
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(18) Iodomethane

2.227min (+ 0.006) 1.06 ug/L

response 3172

Ion	Exp%	Act%
142.00	100.00	100.00
126.90	48.20	42.64
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

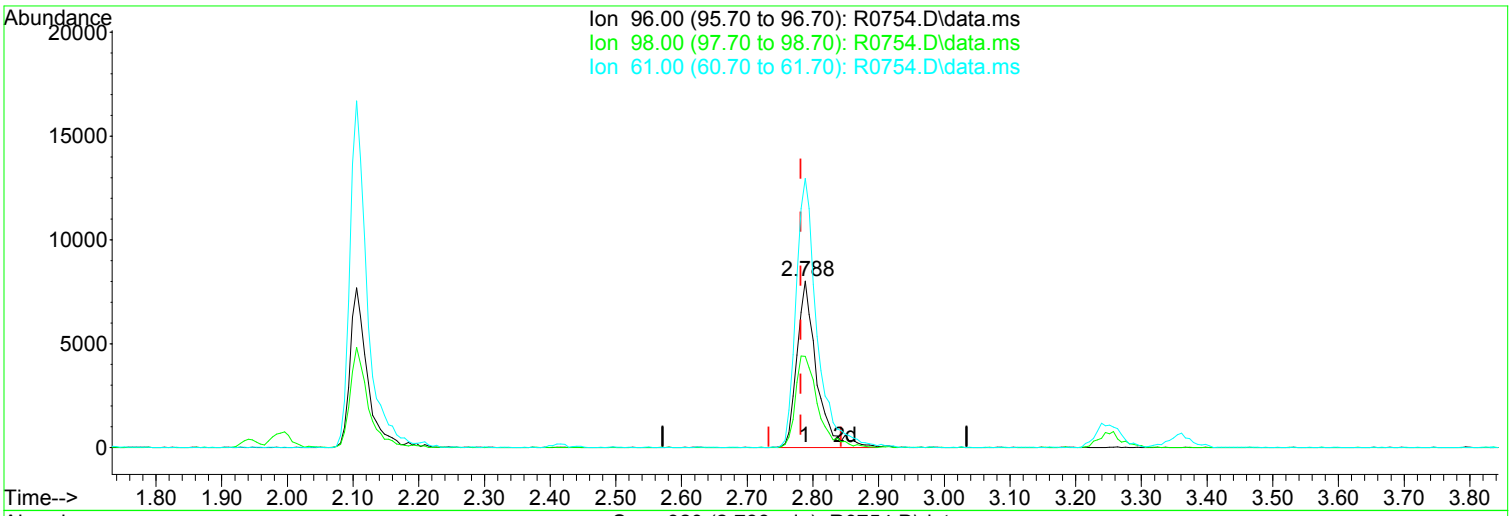
Before

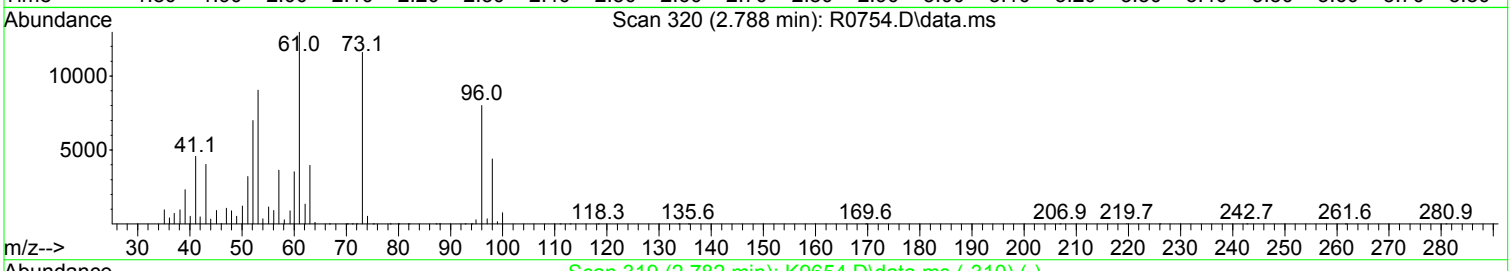
03/13/25

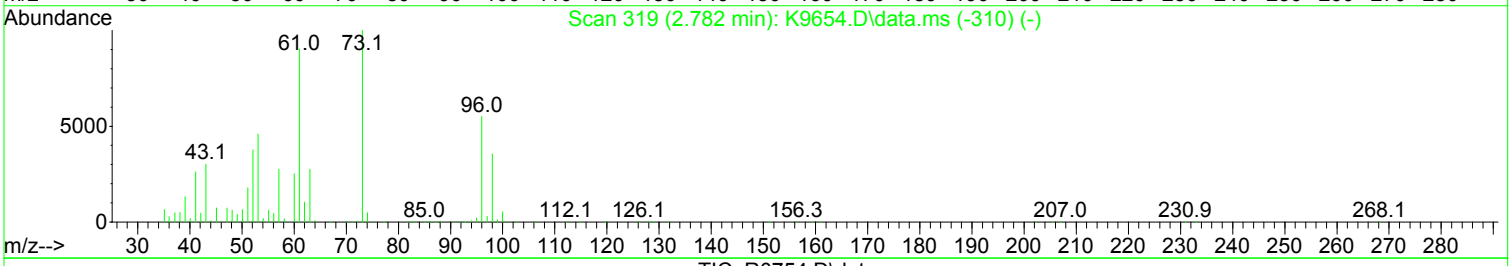
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.788min (+ 0.006) 5.59 ug/L m

response 16660

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	64.50	54.82
61.00	164.10	161.70
0.00	0.00	0.00

Manual Integration:

After

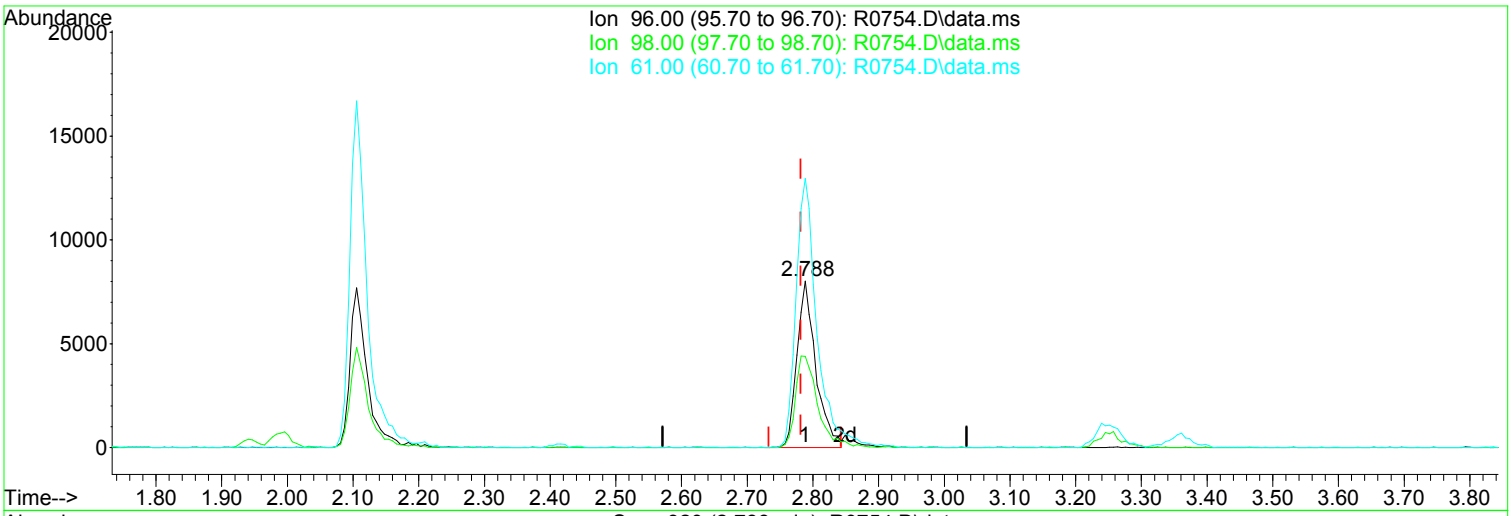
Poor integration.

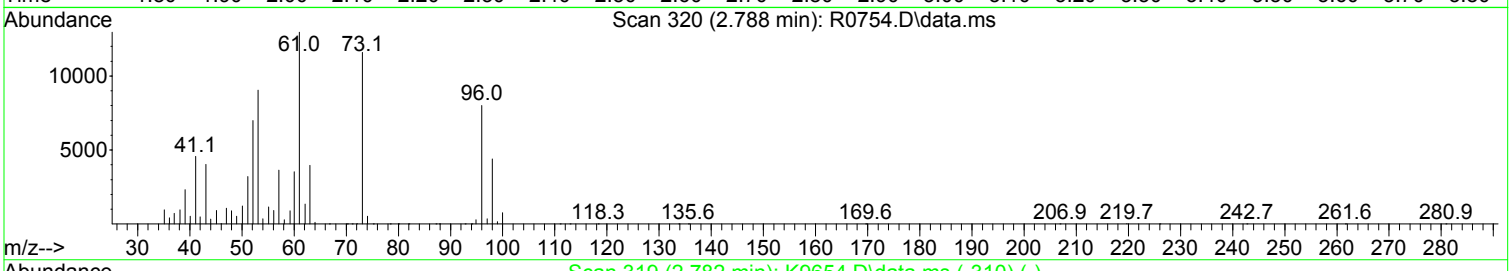
03/13/25

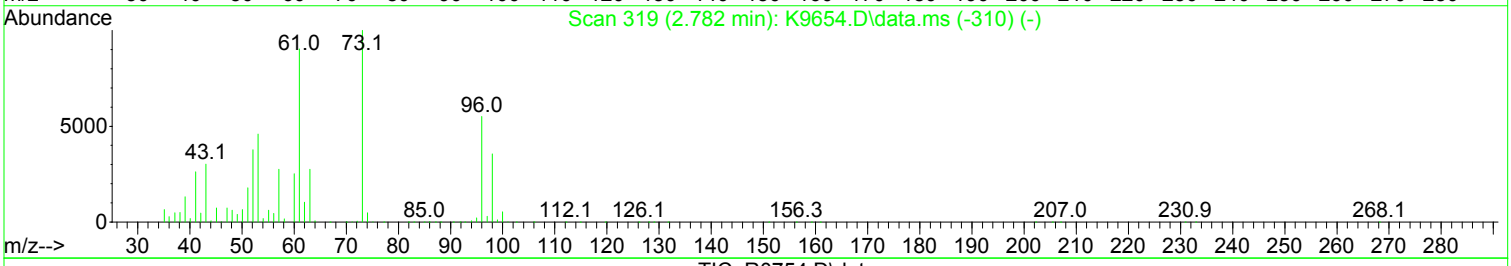
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.788min (+ 0.006) 5.34 ug/L

response 15926

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	64.50	54.82
61.00	164.10	161.70
0.00	0.00	0.00

Manual Integration:

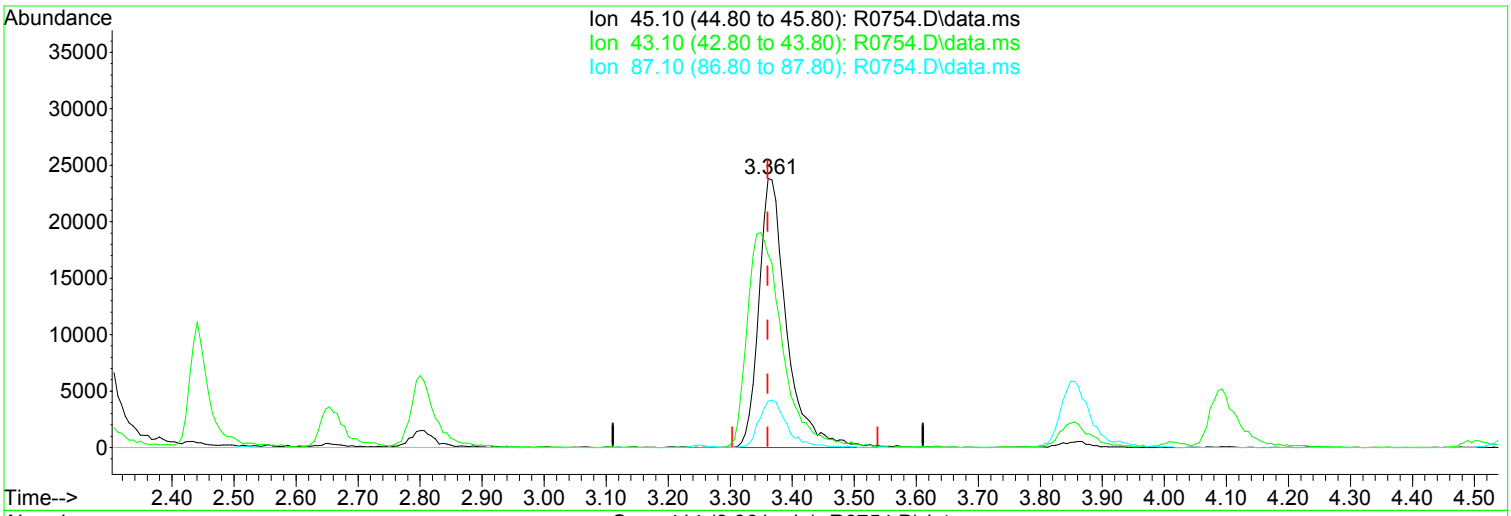
Before

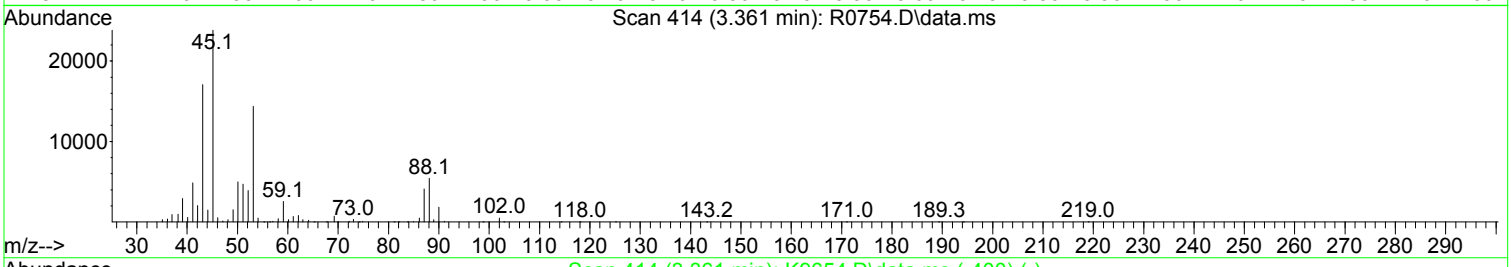
03/13/25

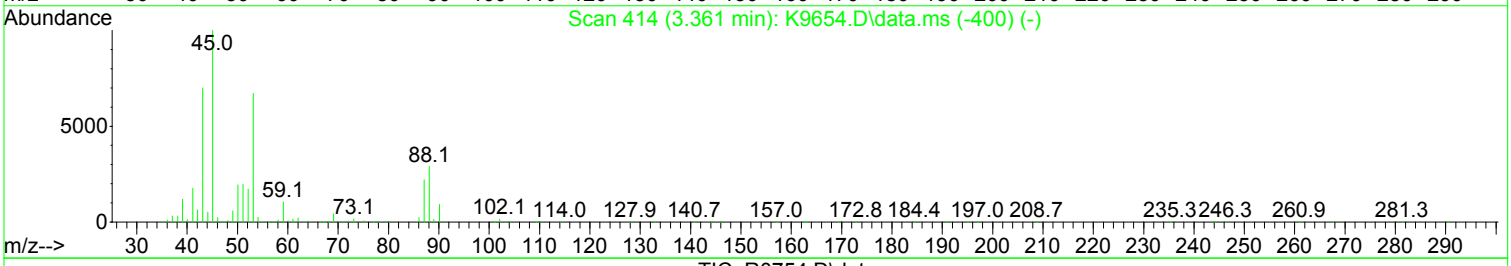
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(29) DIPE

3.361min (-0.000) 5.34 ug/L m

response 73956

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	70.10	71.66
87.10	22.30	17.28
0.00	0.00	0.00

Manual Integration:

After

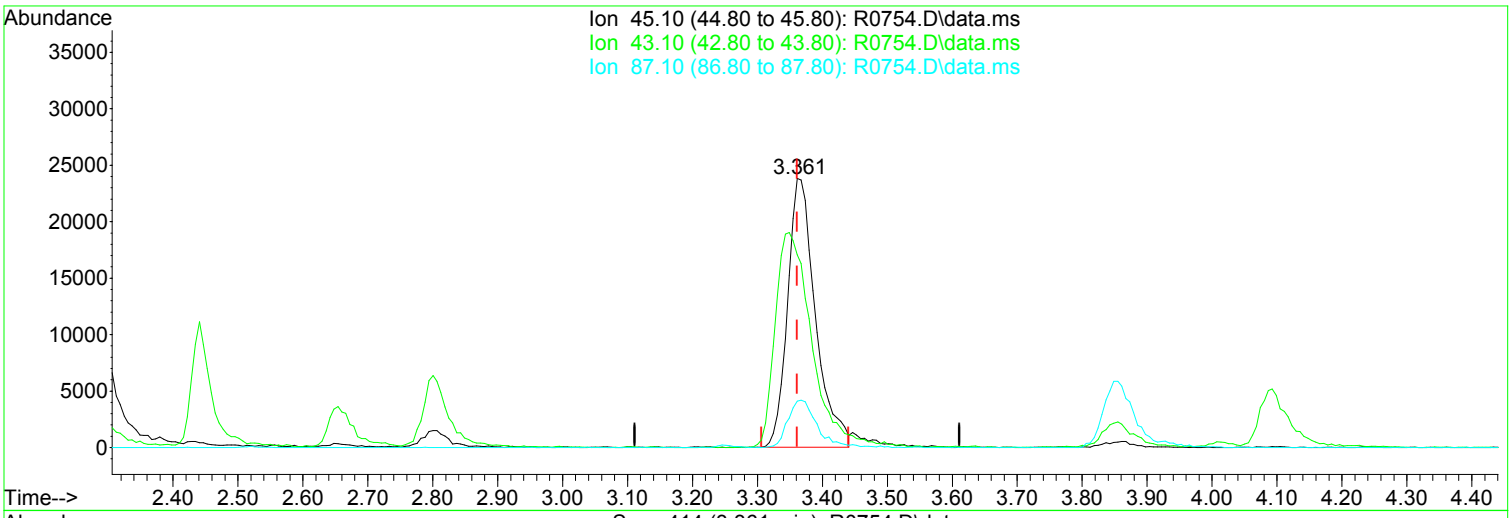
Poor integration.

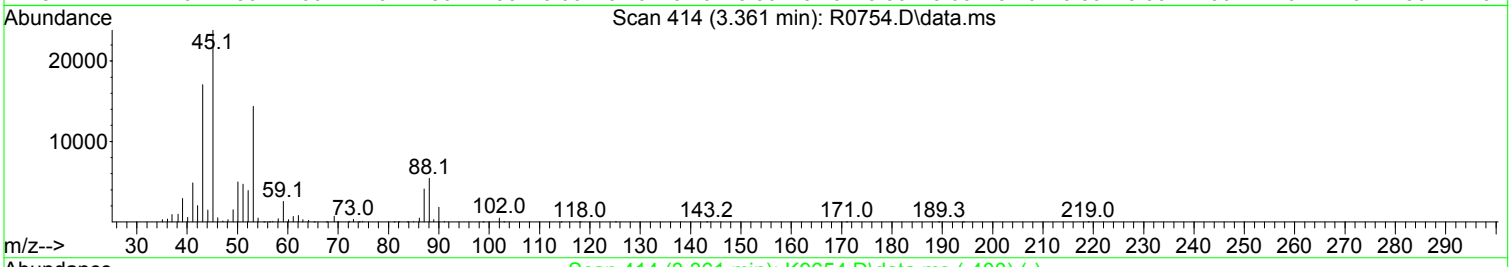
03/13/25

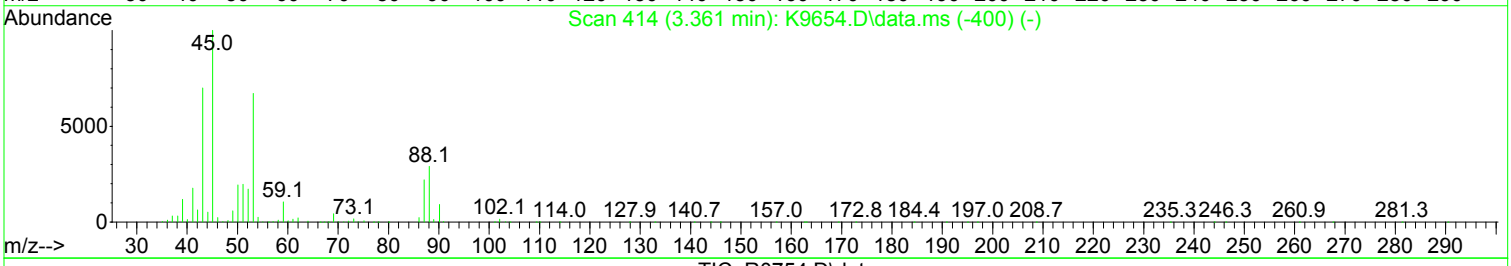
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(29) DIPE

3.361min (-0.000) 5.11 ug/L

response 70809

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	70.10	71.66
87.10	22.30	17.28
0.00	0.00	0.00

Manual Integration:

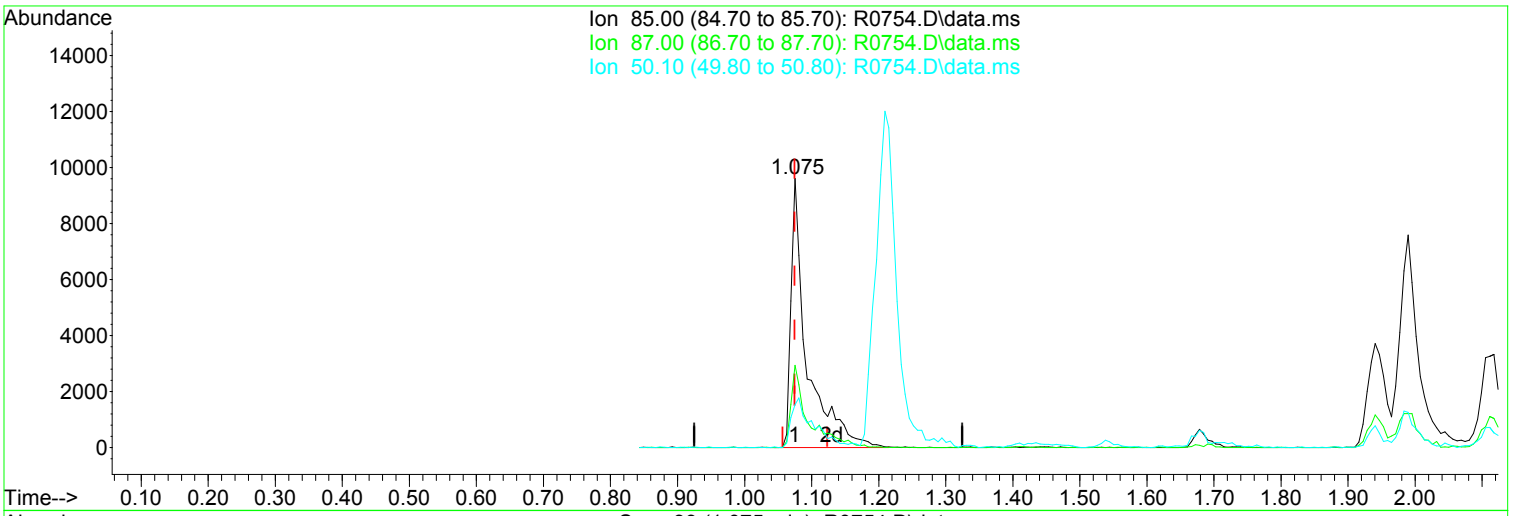
Before

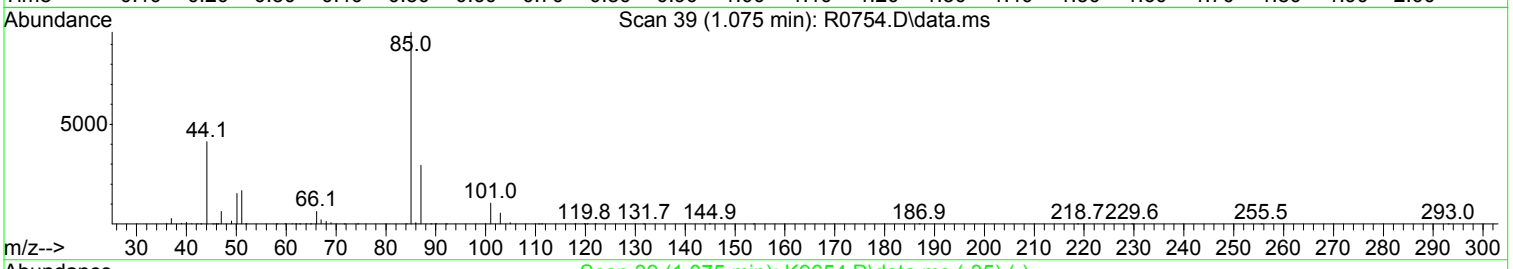
03/13/25

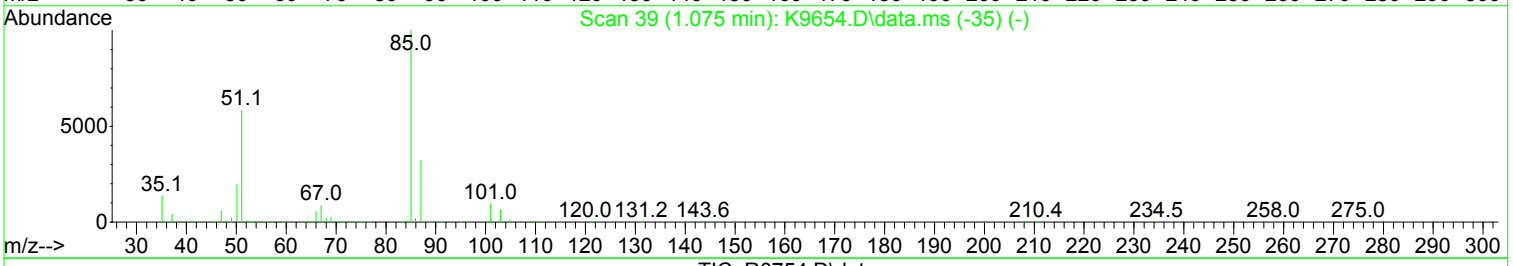
Quantitation Report (Qedit)

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Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 4.80 ug/L m

response 15997

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	30.57
50.10	19.70	15.88
0.00	0.00	0.00

Manual Integration:

After

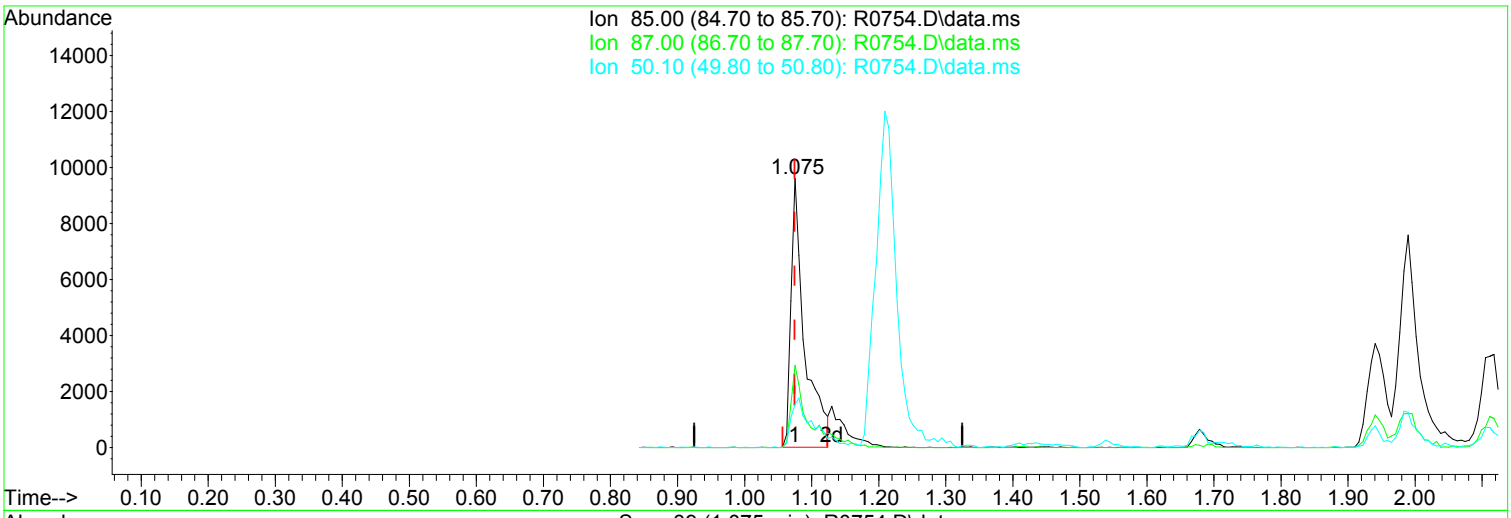
Split Peak.

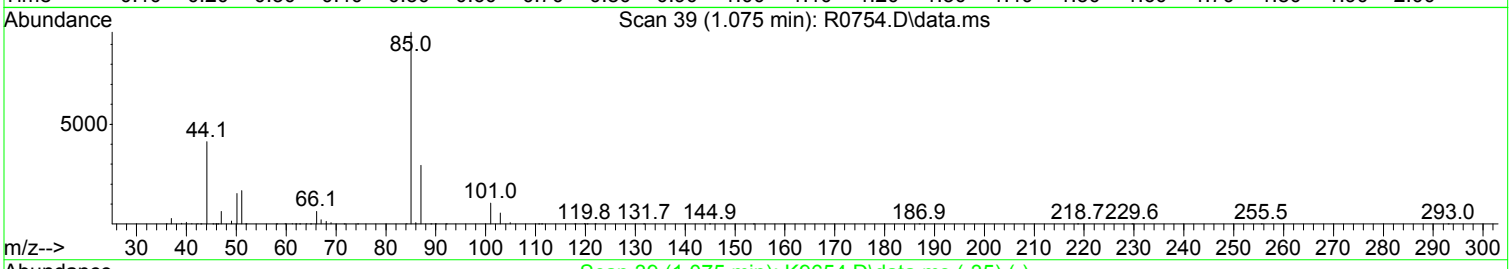
03/13/25

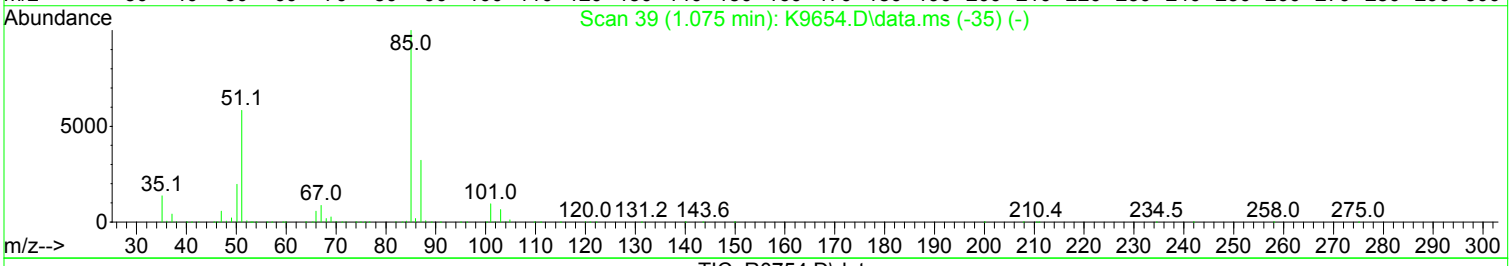
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(3) Dichlorodifluoromethane (P)

1.075min (-0.000) 4.07 ug/L

response 13567

Ion	Exp%	Act%
85.00	100.00	100.00
87.00	32.20	30.57
50.10	19.70	15.88
0.00	0.00	0.00

Manual Integration:

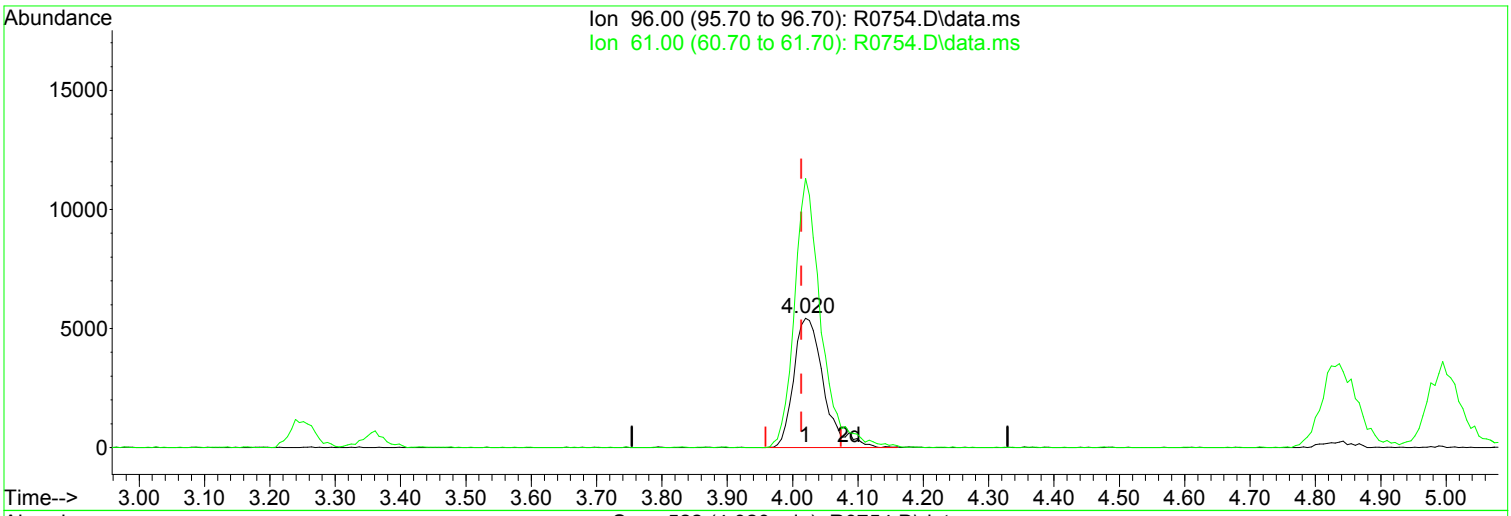
Before

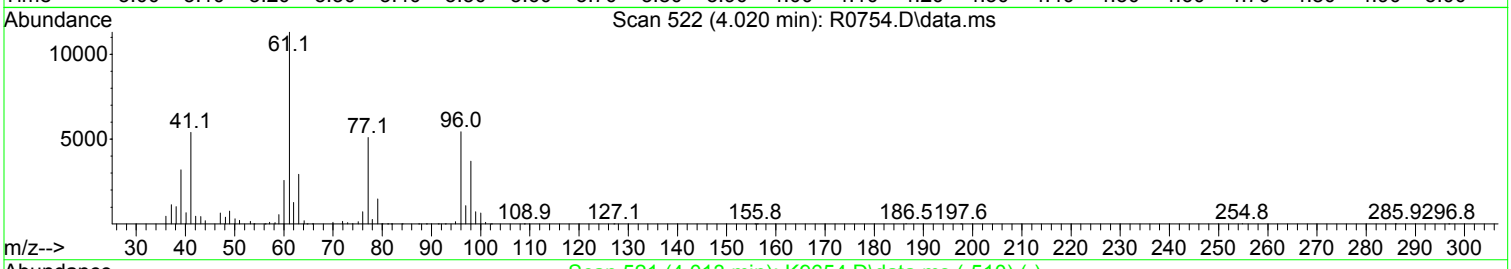
03/13/25

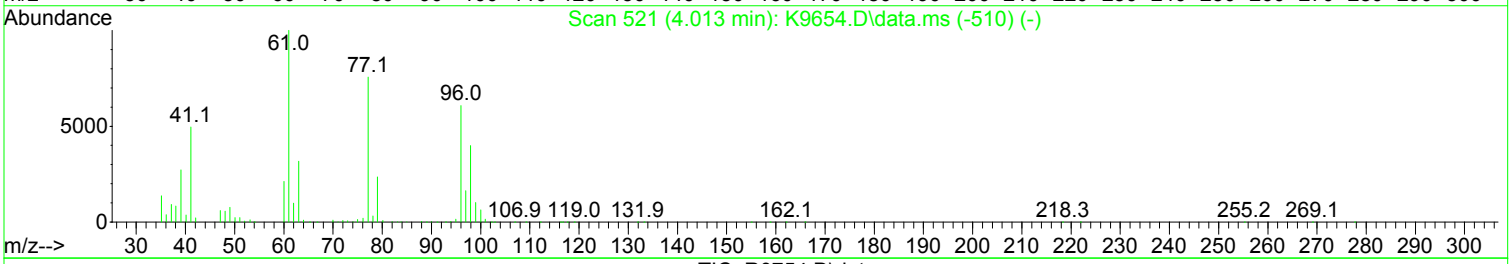
Quantitation Report (Qedit)

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Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.020min (+ 0.006) 5.26 ug/L m

response 17313

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	164.70	208.08#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

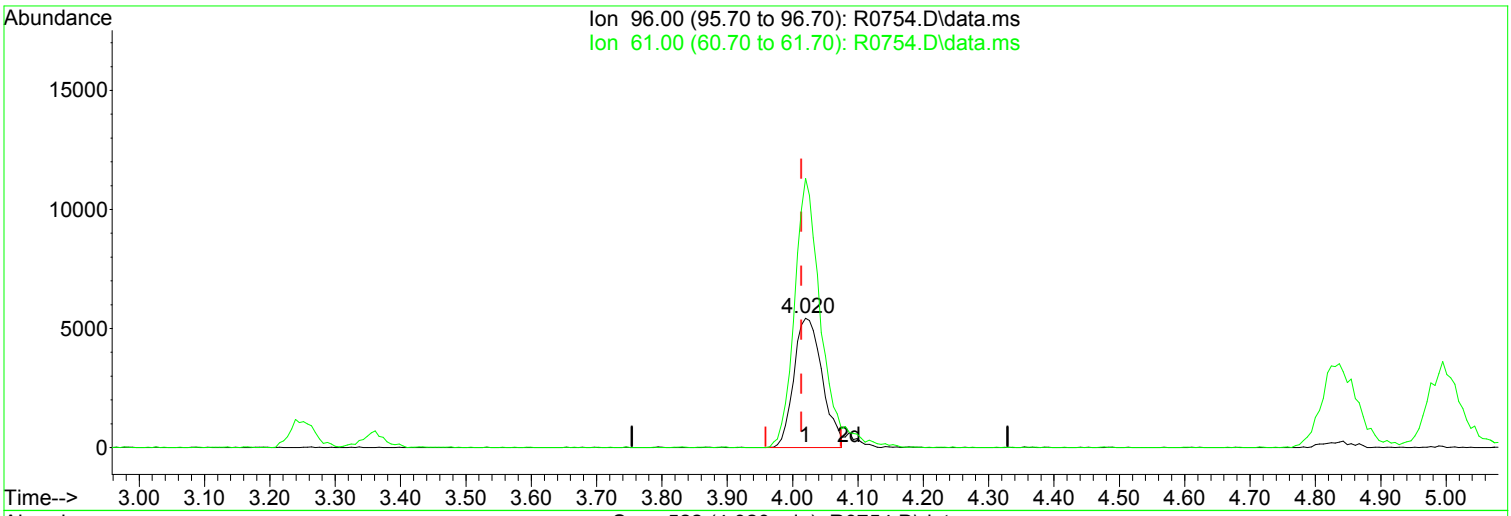
Poor integration.

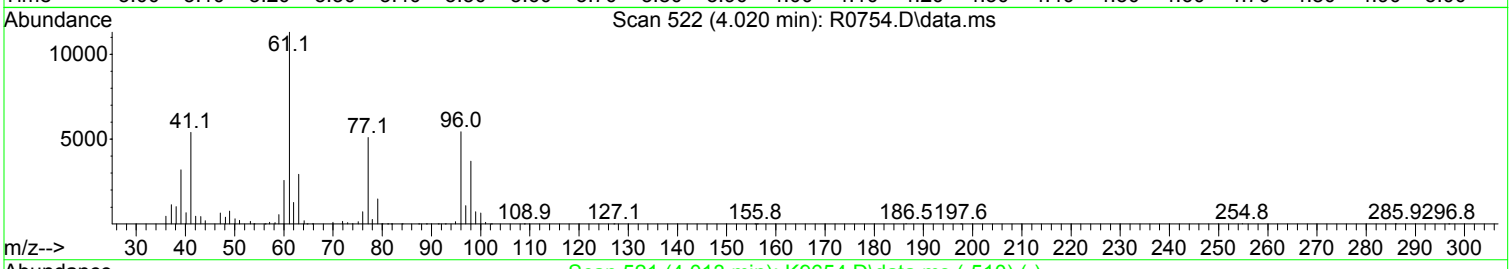
03/13/25

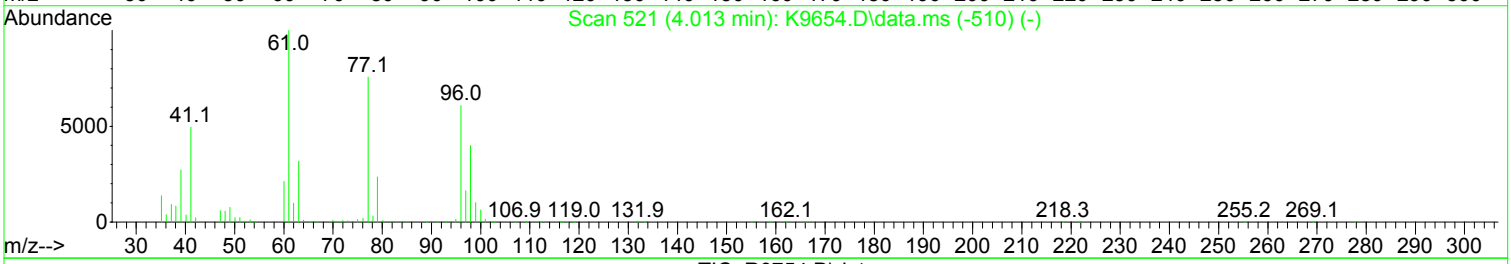
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
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TIC: R0754.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.020min (+ 0.006) 4.98 ug/L

response 16393

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	164.70	208.08#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

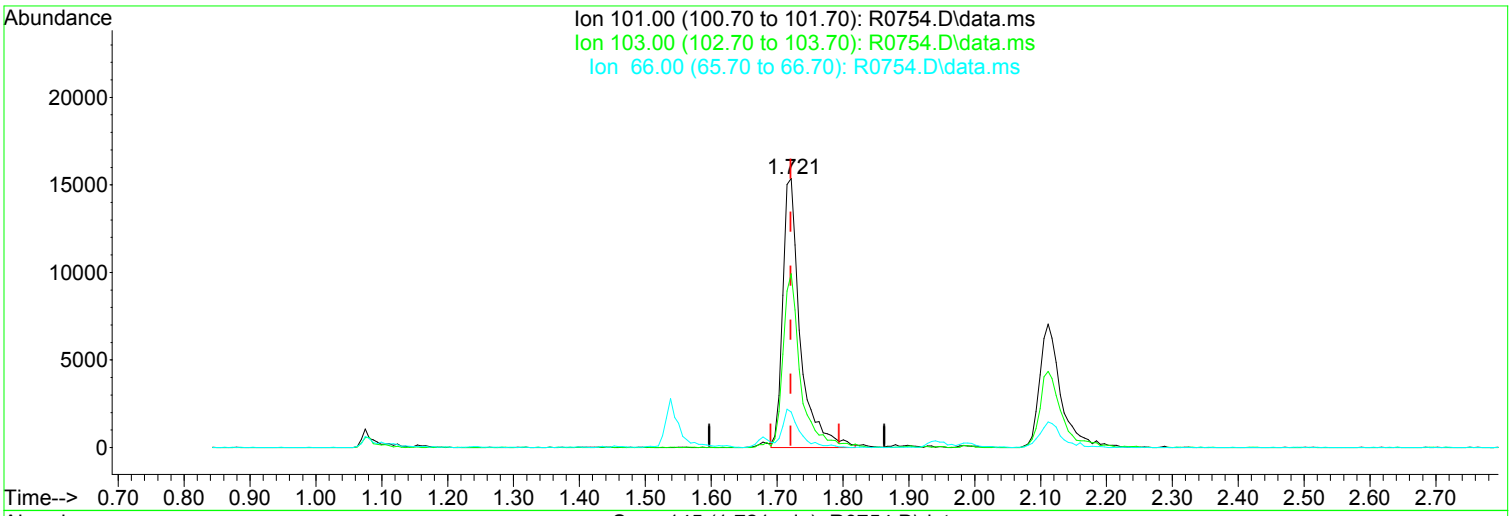
Before

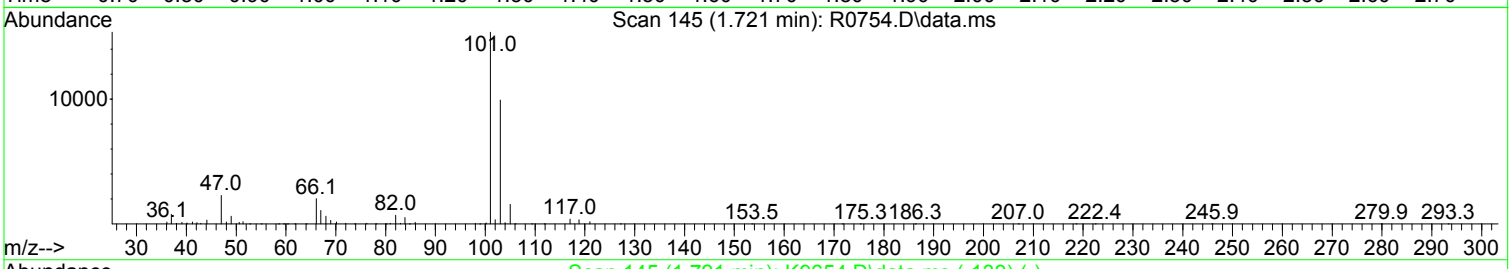
03/13/25

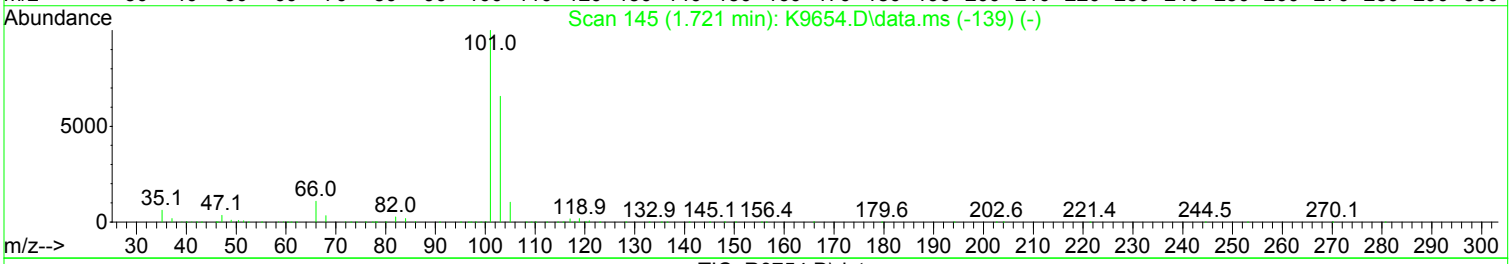
Quantitation Report (Qedit)

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Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
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Misc : WATER ICAL
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Quant Time: Mar 13 10:09:33 2025
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QLast Update : Thu Mar 13 10:01:36 2025
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TIC: R0754.D\data.ms

(9) Trichlorofluoromethane (P)

1.721min (-0.000) 5.40 ug/L m

response 28260

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	65.70	64.59
66.00	12.90	13.24
0.00	0.00	0.00

Manual Integration:

After

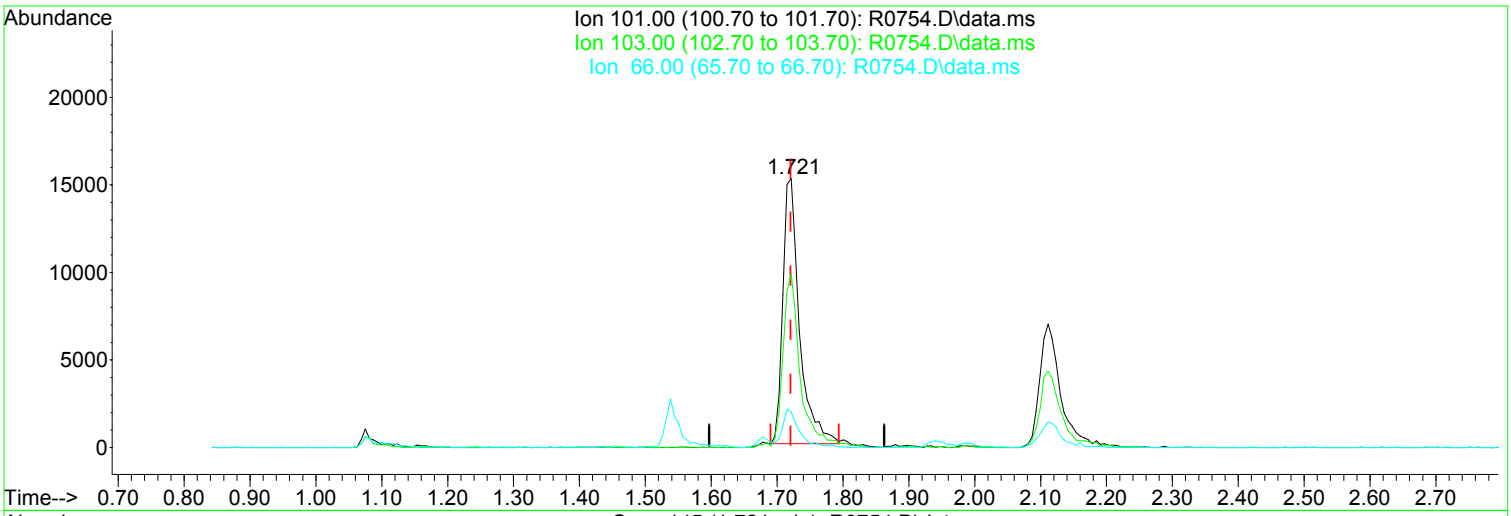
Poor integration.

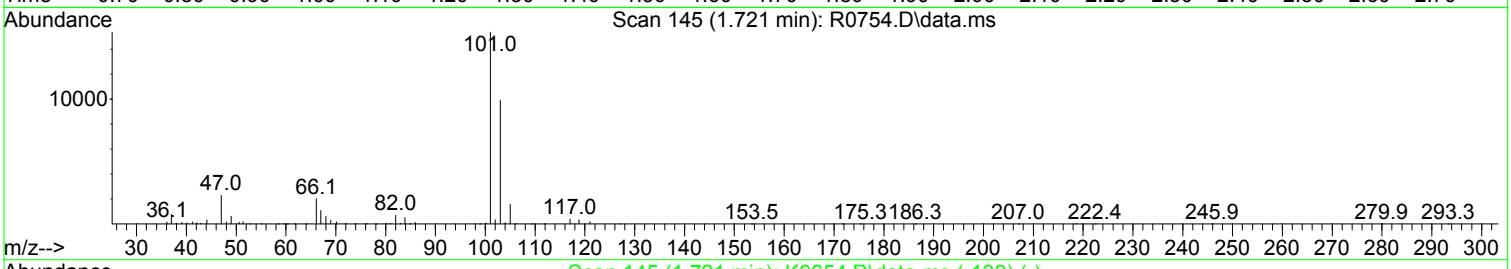
03/13/25

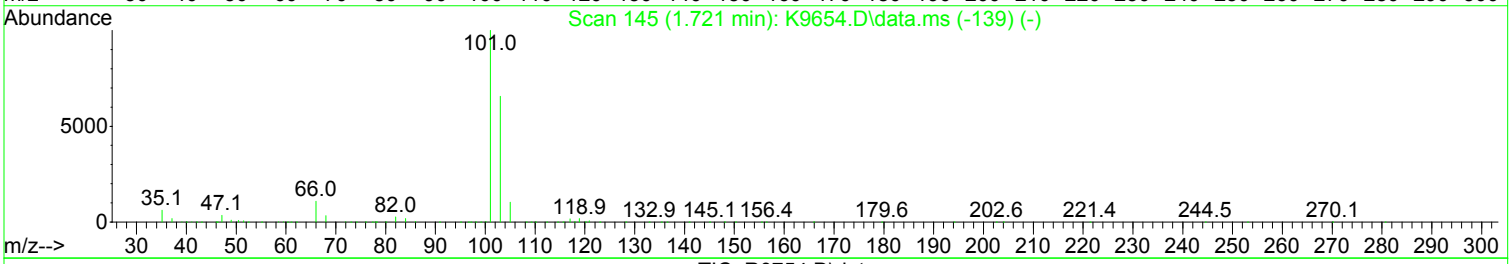
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0754.D\data.ms

(9) Trichlorofluoromethane (P)

1.721min (-0.000) 5.06 ug/L

response 26507

Ion	Exp%	Act%
101.00	100.00	100.00
103.00	65.70	64.59
66.00	12.90	13.24
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.001	168	312664	50.00	ug/L		0.01
42) 1,4-Difluorobenzene	6.178	114	531882	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	442642	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	214976	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	38044	10.73	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 21.46%#				
47) surr1,1,2-dichloroetha...	5.428	65	56648	11.32	ug/L		0.01
Spiked Amount 50.000	Range 73 - 125		Recovery = 22.64%#				
64) SURR3,Toluene-d8	8.049	98	139462	11.21	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 22.42%#				
69) SURR2,BFB	10.659	95	53255	11.22	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 22.44%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.099	51	17809	5.139	ug/L		95
3) Dichlorodifluoromethane	1.075	85	15997m	4.797	ug/L		
4) Chloromethane	1.209	50	25329	4.920	ug/L		99
5) Vinyl Chloride	1.264	62	20567	5.194	ug/L		95
6) Bromomethane	1.465	94	12824	5.937	ug/L		93
7) Chloroethane	1.538	64	13125	5.502	ug/L		93
8) Freon 21	1.679	67	29472	5.554	ug/L		98
9) Trichlorofluoromethane	1.721	101	28260m	5.398	ug/L		
10) Diethyl Ether	1.935	59	19942	5.330	ug/L		91
11) Freon 123a	1.941	67	17222m	5.314	ug/L		
12) Freon 123	1.989	83	21431m	5.449	ug/L		
13) Acrolein	2.032	56	28776	25.802	ug/L		100
14) 1,1-Diclethene	2.105	96	13894	5.007	ug/L	#	84
15) Freon 113	2.111	101	15665	5.319	ug/L		97
16) Acetone	2.160	43	15832	5.873	ug/L		96
17) 2-Propanol	2.282	45	40560m	98.512	ug/L		
18) Iodomethane	2.227	142	3591m	1.195	ug/L		
19) Carbon Disulfide	2.282	76	30794	4.595	ug/L		98
20) Acetonitrile/Allyl Chl...	2.410	41	48018	30.723	ug/L		94
21) Methyl Acetate	2.441	43	21673	5.147	ug/L		92
22) Methylene Chloride	2.520	84	16574	5.304	ug/L	#	67
23) TBA	2.654	59	54416	94.324	ug/L		67
24) Acrylonitrile	2.764	53	63021	26.787	ug/L		94
25) Methyl-t-Butyl Ether	2.800	73	48380	5.095	ug/L		87
26) trans-1,2-Dichloroethene	2.788	96	16660m	5.588	ug/L		
27) 1,1-Diclethane	3.251	63	33414	5.233	ug/L		97
28) Vinyl Acetate	3.343	86	2366	3.855	ug/L	#	1
29) DIPE	3.361	45	73956m	5.337	ug/L		
30) 2-Chloro-1,3-Butadiene	3.361	53	39404	5.200	ug/L		92
31) ETBE	3.855	59	63796	5.192	ug/L		96
32) 2,2-Dichloropropane	4.013	77	17298	4.570	ug/L		96
33) cis-1,2-Dichloroethene	4.020	96	17313m	5.261	ug/L		
34) 2-Butanone	4.093	43	15212	4.873	ug/L		91
35) Propionitrile	4.172	54	25148	26.424	ug/L		95
36) Bromochloromethane	4.385	130	12153	5.362	ug/L	#	81
37) Methacrylonitrile	4.404	67	9289	5.425	ug/L		92
38) Tetrahydrofuran	4.495	42	9988	5.284	ug/L		83
39) Chloroform	4.556	83	30443	5.296	ug/L		95
40) 1,1,1-Trichloroethane	4.836	97	24764	5.213	ug/L		91

1st 03/13/25
2nd 03/13/25

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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.775	73	40105	5.007	ug/L		91
43) Cyclohexane	4.916	41	20824	5.330	ug/L		100
45) Carbontetrachloride	5.129	117	19951	4.755	ug/L		98
46) 1,1-Dichloropropene	5.153	75	21918	5.280	ug/L		94
48) Benzene	5.495	78	62079	5.253	ug/L		89
49) 1,2-Dichloroethane	5.556	62	32803	5.312	ug/L		95
50) Iso-Butyl Alcohol	5.568	43	22982	85.128	ug/L		99
51) n-Heptane	6.031	43	31504	5.076	ug/L		88
52) 1-Butanol	6.598	56	28825	181.646	ug/L		86
53) Trichloroethene	6.507	130	17674	5.089	ug/L		97
54) Methylcyclohexane	6.751	55	30519	5.200	ug/L		85
55) 1,2-Diclpropane	6.806	63	19722	5.245	ug/L		99
56) Dibromomethane	6.952	93	10567	5.065	ug/L		98
57) 1,4-Dioxane	7.043	88	5748	99.092	ug/L		96
58) Methyl Methacrylate	7.062	69	12079	4.877	ug/L	#	74
59) Bromodichloromethane	7.196	83	18718	4.858	ug/L		98
60) 2-Nitropropane	7.501	41	5340	6.906	ug/L		96
61) 2-Chloroethylvinyl Ether	7.629	63	1956	4.030	ug/L		92
62) cis-1,3-Dichloropropene	7.751	75	19440	4.655	ug/L		97
63) 4-Methyl-2-pentanone	7.982	43	26800	4.769	ug/L		95
65) Toluene	8.122	91	68859	5.312	ug/L		99
66) trans-1,3-Dichloropropene	8.409	75	16339	4.356	ug/L		98
67) Ethyl Methacrylate	8.561	69	20796	4.918	ug/L		80
68) 1,1,2-Trichloroethane	8.598	97	16339	5.353	ug/L		97
71) Tetrachloroethene	8.720	164	13066	5.337	ug/L		97
72) 2-Hexanone	8.915	43	20356	4.925	ug/L		93
73) 1,3-Dichloropropane	8.769	76	26911	5.348	ug/L		88
74) Dibromochloromethane	9.000	129	13597	4.637	ug/L		96
75) N-Butyl Acetate	9.074	43	36318	4.733	ug/L		98
76) 1,2-Dibromoethane	9.092	107	16158	5.162	ug/L		99
77) 3-Chlorobenzotrifluoride	9.628	180	21868	5.348	ug/L		96
78) Chlorobenzene	9.598	112	46018	5.295	ug/L		98
79) 4-Chlorobenzotrifluoride	9.689	180	19030	5.300	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.689	131	15087	5.138	ug/L		96
81) Ethylbenzene	9.720	106	24349	5.462	ug/L	#	91
82) (m+p)Xylene	9.836	106	59138	10.950	ug/L		98
83) o-Xylene	10.195	106	28530	5.327	ug/L		99
84) Styrene	10.214	104	47004	5.264	ug/L		99
85) Bromoform	10.366	173	7101	4.370	ug/L		99
86) 2-Chlorobenzotrifluoride	10.451	180	20098	5.335	ug/L		97
87) Isopropylbenzene	10.537	105	71841	5.519	ug/L		98
88) Cyclohexanone	10.604	55	115622	101.987	ug/L		98
89) trans-1,4-Dichloro-2-B...	10.854	53	7368	4.580	ug/L	#	68
91) 1,1,2,2-Tetrachloroethane	10.805	83	21889	5.226	ug/L		98
92) Bromobenzene	10.781	156	18740	5.482	ug/L		96
93) 1,2,3-Trichloropropane	10.835	110	8297	5.491	ug/L	#	79
94) n-Propylbenzene	10.896	91	88074	5.508	ug/L		98
95) 2-Chlorotoluene	10.951	91	53332	5.575	ug/L		96
96) 3-Chlorotoluene	11.006	91	53200	5.404	ug/L		96
97) 4-Chlorotoluene	11.049	91	60633	5.424	ug/L		97
98) 1,3,5-Trimethylbenzene	11.049	105	64274	5.555	ug/L		97
99) tert-Butylbenzene	11.323	119	56697	5.582	ug/L		98
100) 1,2,4-Trimethylbenzene	11.360	105	63321	5.532	ug/L		98
101) 3,4-Dichlorobenzotrifl...	11.427	214	13219	5.172	ug/L		97
102) sec-Butylbenzene	11.506	105	78461	5.456	ug/L		98
103) p-Isopropyltoluene	11.628	119	67273	5.441	ug/L		97

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

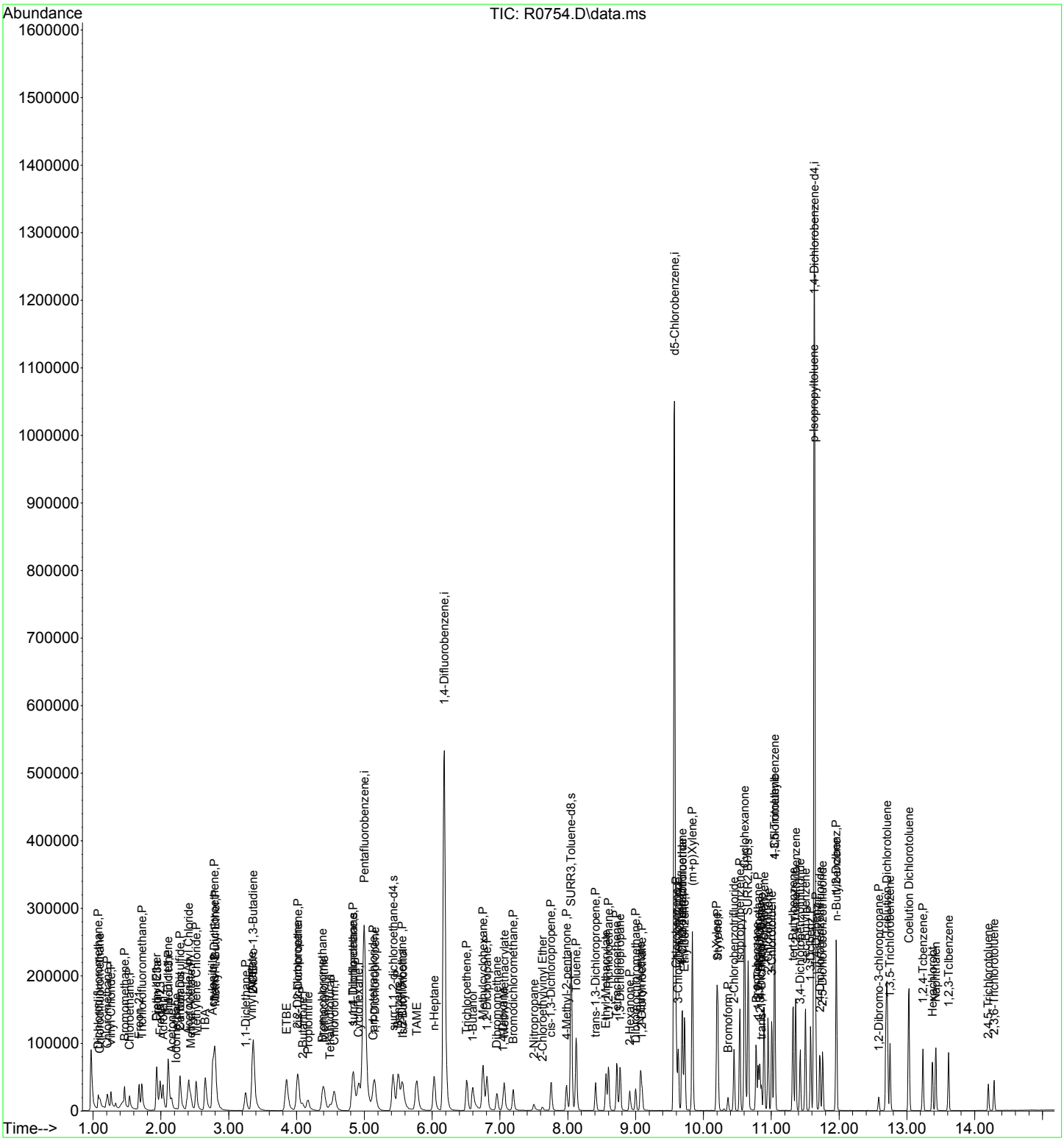
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	34425	5.286	ug/L	95
105) 1,4-Dclbenz	11.658	146	35796	5.357	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.719	214	11773	5.124	ug/L	91
107) 2,5-Dichlorobenzotrifl...	11.756	214	13272	5.217	ug/L	91
108) n-Butylbenzene	11.963	91	57168	5.429	ug/L	100
109) 1,2-Dclbenz	11.957	146	33431	5.292	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.585	157	3228	4.112	ug/L	95
111) Trielution Dichlorotol...	12.707	125	86242	15.748	ug/L	96
112) 1,3,5-Trichlorobenzene	12.750	180	20888	5.445	ug/L	99
113) Coelution Dichlorotoluene	13.030	125	60443	10.815	ug/L	97
114) 1,2,4-Tcbenzene	13.237	180	18323	5.328	ug/L	98
115) Hexachlorobt	13.378	225	7898	5.010	ug/L	95
116) Naphthalen	13.426	128	54321	4.860	ug/L	98
117) 1,2,3-Tclbenzene	13.615	180	17095	5.328	ug/L	95
118) 2,4,5-Trichlorotoluene	14.201	159	7589	3.959	ug/L	96
119) 2,3,6-Trichlorotoluene	14.286	159	7691	4.314	ug/L	97

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0754.D
Acq On : 12 Mar 2025 12:46 pm
Operator : K.Ruest
Sample : 5.0ppbMRL
Misc : WATER ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 10:09:33 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0755.D
Acq On : 12 Mar 2025 01:09 pm
Operator : K.Ruest
Sample : 20ppbMRL
Misc : WATER ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 10:09:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	316570	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	534480	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	448922	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	223750	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	65828	18.48	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 36.96%#				
47) surr1,1,2-dichloroetha...	5.428	65	92286	18.35	ug/L		0.01
Spiked Amount 50.000	Range 73 - 125		Recovery = 36.70%#				
64) SURR3,Toluene-d8	8.049	98	227013	18.16	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 36.32%#				
69) SURR2,BFB	10.658	95	86383	18.11	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 36.22%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.099	51	74118	21.125	ug/L		92
3) Dichlorodifluoromethane	1.075	85	75401	22.331	ug/L		99
4) Chloromethane	1.209	50	112431	21.570	ug/L		100
5) Vinyl Chloride	1.264	62	88371	22.041	ug/L		100
6) Bromomethane	1.471	94	51715	23.647	ug/L		99
7) Chloroethane	1.544	64	54510	22.569	ug/L		100
8) Freon 21	1.678	67	116798	21.740	ug/L		98
9) Trichlorofluoromethane	1.721	101	118480	22.350	ug/L		99
10) Diethyl Ether	1.934	59	82368	21.743	ug/L		90
11) Freon 123a	1.940	67	68939	21.008	ug/L		91
12) Freon 123	1.989	83	86080	21.617	ug/L		97
13) Acrolein	2.032	56	118970	105.360	ug/L		99
14) 1,1-Diclethene	2.105	96	60822	21.650	ug/L	#	86
15) Freon 113	2.111	101	65102	21.834	ug/L		98
16) Acetone	2.154	43	63359	23.214	ug/L		96
17) 2-Propanol	2.276	45	175802	421.719	ug/L		91
18) Iodomethane	2.227	142	46256	15.208	ug/L		99
19) Carbon Disulfide	2.282	76	139684	20.587	ug/L		99
20) Acetonitrile/Allyl Chl...	2.410	41	213783	135.094	ug/L		94
21) Methyl Acetate	2.440	43	94281	22.116	ug/L		98
22) Methylene Chloride	2.520	84	67693	21.394	ug/L	#	81
23) TBA	2.648	59	258486	442.529	ug/L		74
24) Acrylonitrile	2.764	53	267470	112.285	ug/L		98
25) Methyl-t-Butyl Ether	2.800	73	215434	22.410	ug/L		92
26) trans-1,2-Dichloroethene	2.788	96	65001	21.532	ug/L	#	88
27) 1,1-Diclethane	3.251	63	143915	22.260	ug/L		98
28) Vinyl Acetate	3.337	86	13401	21.568	ug/L	#	47
29) DIPE	3.361	45	302941	21.592	ug/L		95
30) 2-Chloro-1,3-Butadiene	3.361	53	163851	21.356	ug/L		90
31) ETBE	3.855	59	263891	21.212	ug/L		96
32) 2,2-Dichloropropane	4.013	77	82428	21.510	ug/L		98
33) cis-1,2-Dichloroethene	4.019	96	72673	21.810	ug/L		87
34) 2-Butanone	4.080	43	67849	21.469	ug/L		94
35) Propionitrile	4.166	54	112199	116.439	ug/L		98
36) Bromochloromethane	4.385	130	51232	22.324	ug/L	#	84
37) Methacrylonitrile	4.410	67	39211	22.618	ug/L	#	83
38) Tetrahydrofuran	4.489	42	43721	22.844	ug/L		92
39) Chloroform	4.556	83	126650	21.762	ug/L		97
40) 1,1,1-Trichloroethane	4.836	97	106483	22.138	ug/L		94

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0755.D
Acq On : 12 Mar 2025 01:09 pm
Operator : K.Ruest
Sample : 20ppbMRL
Misc : WATER ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 10:09:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	172055	21.214	ug/L		93
43) Cyclohexane	4.922	41	83625	21.301	ug/L		92
45) Carbontetrachloride	5.135	117	88878	21.078	ug/L		97
46) 1,1-Dichloropropene	5.153	75	88273	21.163	ug/L		96
48) Benzene	5.501	78	259478	21.848	ug/L		91
49) 1,2-Dichloroethane	5.556	62	136625	22.016	ug/L		95
50) Iso-Butyl Alcohol	5.568	43	117872	434.491	ug/L		97
51) n-Heptane	6.025	43	143373	22.986	ug/L		88
52) 1-Butanol	6.592	56	154477	968.732	ug/L		92
53) Trichloroethene	6.513	130	75758	21.707	ug/L		98
54) Methylcyclohexane	6.751	55	127794	21.668	ug/L		84
55) 1,2-Diclpropane	6.805	63	83448	22.085	ug/L		99
56) Dibromomethane	6.952	93	48409	23.091	ug/L		93
57) 1,4-Dioxane	7.031	88	25934	444.914	ug/L		81
58) Methyl Methacrylate	7.062	69	58311	23.429	ug/L	#	79
59) Bromodichloromethane	7.196	83	87820	22.681	ug/L		99
60) 2-Nitropropane	7.500	41	27554	35.460	ug/L		92
61) 2-Chloroethylvinyl Ether	7.628	63	9154	18.766	ug/L		99
62) cis-1,3-Dichloropropene	7.757	75	97147	23.150	ug/L		97
63) 4-Methyl-2-pentanone	7.976	43	117193	20.754	ug/L		94
65) Toluene	8.122	91	282974	21.724	ug/L		99
66) trans-1,3-Dichloropropene	8.409	75	88511	23.481	ug/L		98
67) Ethyl Methacrylate	8.561	69	100051	23.546	ug/L		84
68) 1,1,2-Trichloroethane	8.598	97	69277	22.588	ug/L		95
71) Tetrachloroethene	8.726	164	53344	21.483	ug/L		94
72) 2-Hexanone	8.909	43	89959	21.459	ug/L		95
73) 1,3-Dichloropropane	8.769	76	114478	22.431	ug/L		90
74) Dibromochloromethane	9.000	129	69063	23.221	ug/L		96
75) N-Butyl Acetate	9.073	43	176458	22.676	ug/L		96
76) 1,2-Dibromoethane	9.092	107	74147	23.358	ug/L		100
77) 3-Chlorobenzotrifluoride	9.628	180	85967	20.731	ug/L		99
78) Chlorobenzene	9.598	112	193224	21.921	ug/L		99
79) 4-Chlorobenzotrifluoride	9.683	180	75951	20.858	ug/L		98
80) 1,1,1,2-Tetrachloroethane	9.689	131	69259	23.259	ug/L		99
81) Ethylbenzene	9.720	106	100832	22.301	ug/L		98
82) (m+p)Xylene	9.835	106	248472	45.362	ug/L		99
83) o-Xylene	10.195	106	121123	22.300	ug/L		100
84) Styrene	10.213	104	208149	22.987	ug/L		98
85) Bromoform	10.360	173	37319	22.644	ug/L		98
86) 2-Chlorobenzotrifluoride	10.451	180	80821	21.153	ug/L		96
87) Isopropylbenzene	10.537	105	298732	22.630	ug/L		99
88) Cyclohexanone	10.604	55	598078	520.170	ug/L		100
89) trans-1,4-Dichloro-2-B...	10.854	53	38359	23.509	ug/L		75
91) 1,1,2,2-Tetrachloroethane	10.805	83	99029	22.716	ug/L		99
92) Bromobenzene	10.780	156	78896	22.174	ug/L		96
93) 1,2,3-Trichloropropane	10.829	110	34852	22.160	ug/L		95
94) n-Propylbenzene	10.896	91	378690	22.752	ug/L		99
95) 2-Chlorotoluene	10.951	91	222465	22.343	ug/L		98
96) 3-Chlorotoluene	11.006	91	218248	21.299	ug/L		96
97) 4-Chlorotoluene	11.049	91	261069	22.439	ug/L		98
98) 1,3,5-Trimethylbenzene	11.049	105	274979	22.835	ug/L		98
99) tert-Butylbenzene	11.323	119	238884	22.595	ug/L		99
100) 1,2,4-Trimethylbenzene	11.360	105	275788	23.149	ug/L		99
101) 3,4-Dichlorobenzotrifl...	11.427	214	53890	20.258	ug/L		97
102) sec-Butylbenzene	11.506	105	344059	22.987	ug/L		99
103) p-Isopropyltoluene	11.628	119	296739	23.058	ug/L		97

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0755.D
Acq On : 12 Mar 2025 01:09 pm
Operator : K.Ruest
Sample : 20ppbMRL
Misc : WATER ICAL
ALS Vial : 6 Sample Multiplier: 1

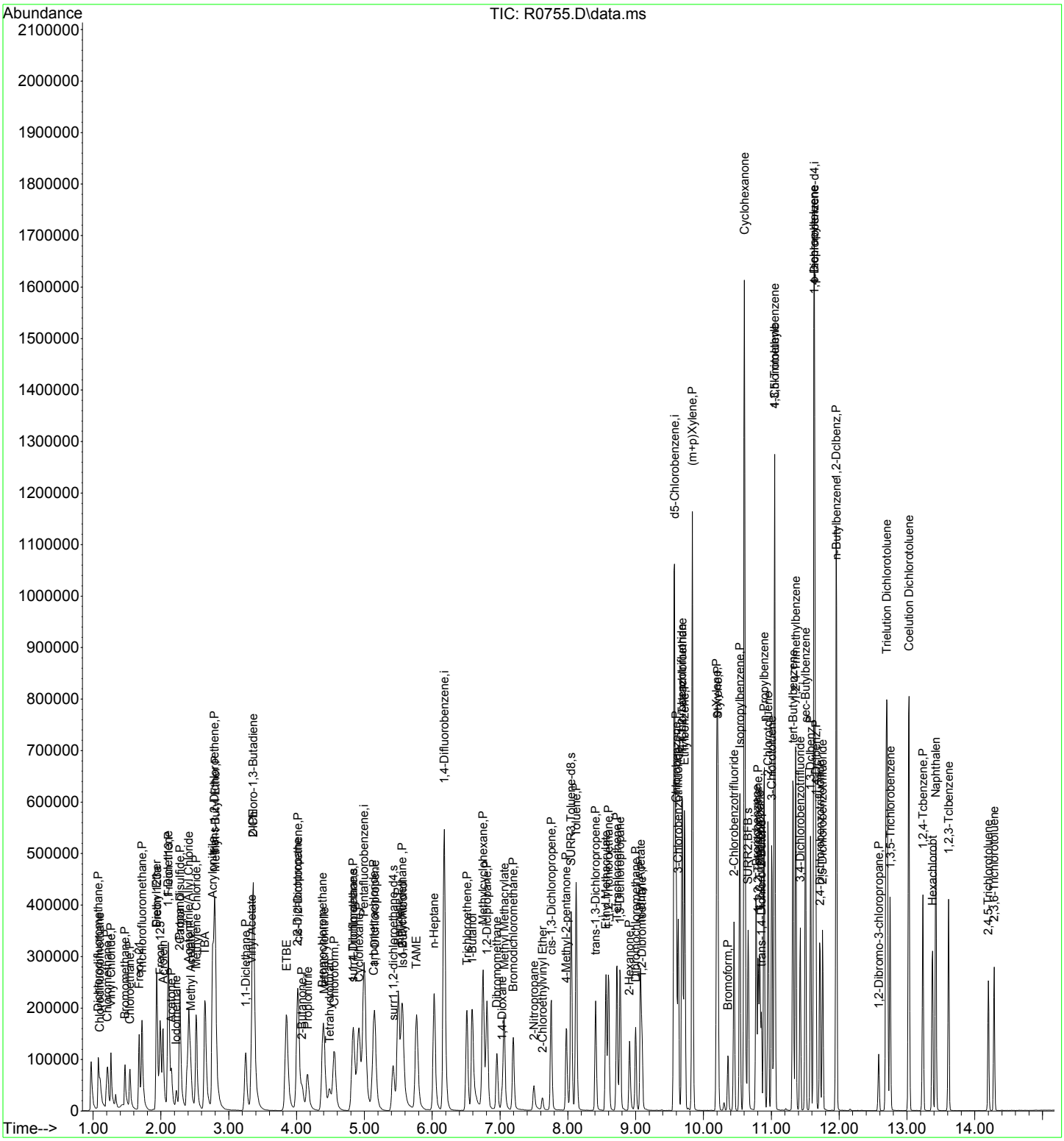
Quant Time: Mar 13 10:09:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	150832	22.251	ug/L	98
105) 1,4-Dclbenz	11.658	146	151420	21.773	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.719	214	49059	20.517	ug/L	97
107) 2,5-Dichlorobenzotrifl...	11.756	214	55156	20.830	ug/L	96
108) n-Butylbenzene	11.963	91	259211	23.651	ug/L	99
109) 1,2-Dclbenz	11.957	146	145489	22.128	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.585	157	18969	23.214	ug/L	95
111) Trielution Dichlorotol...	12.701	125	373359	65.503	ug/L	98
112) 1,3,5-Trichlorobenzene	12.756	180	86050	21.553	ug/L	97
113) Coelution Dichlorotoluene	13.030	125	262059	45.052	ug/L	97
114) 1,2,4-Tcbenzene	13.237	180	89454	24.991	ug/L	99
115) Hexachlorobt	13.377	225	37550	22.888	ug/L	98
116) Naphthalen	13.426	128	289760	24.907	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	84472	25.296	ug/L	99
118) 2,4,5-Trichlorotoluene	14.200	159	46590	23.351	ug/L	98
119) 2,3,6-Trichlorotoluene	14.286	159	45963	24.768	ug/L	98

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

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0755.D
Acq On : 12 Mar 2025 01:09 pm
Operator : K.Ruest
Sample : 20ppbMRL
Misc : WATER ICAL
ALS Vial : 6 Sample Multiplier: 1

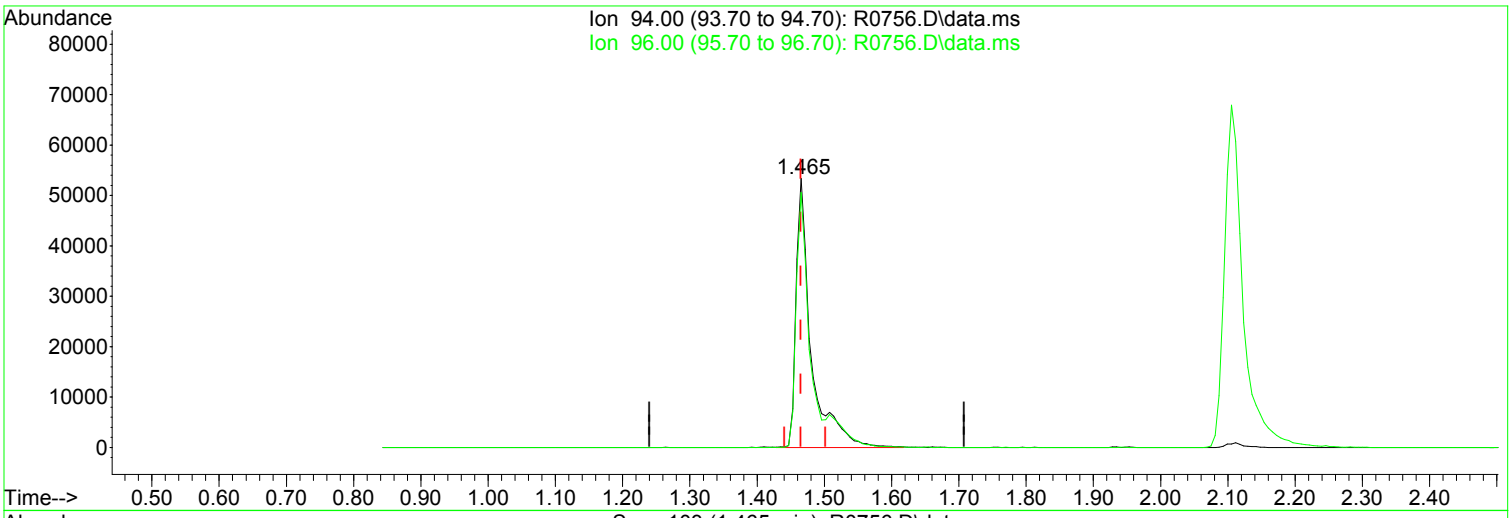
Quant Time: Mar 13 10:09:38 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

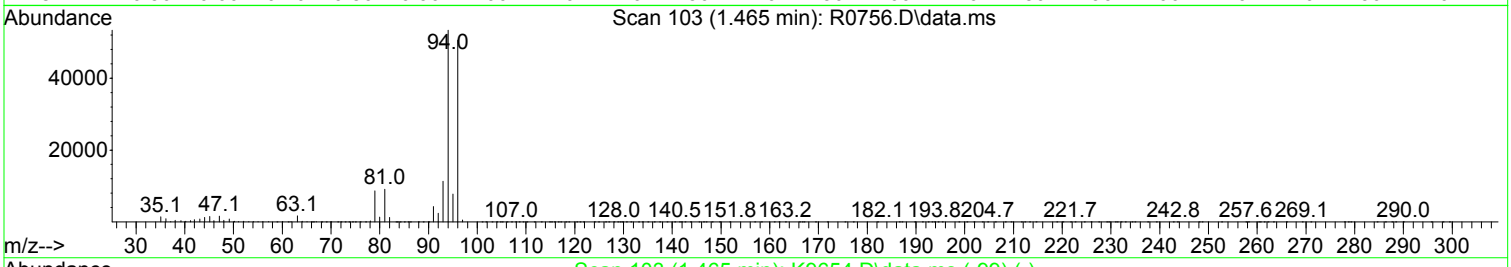


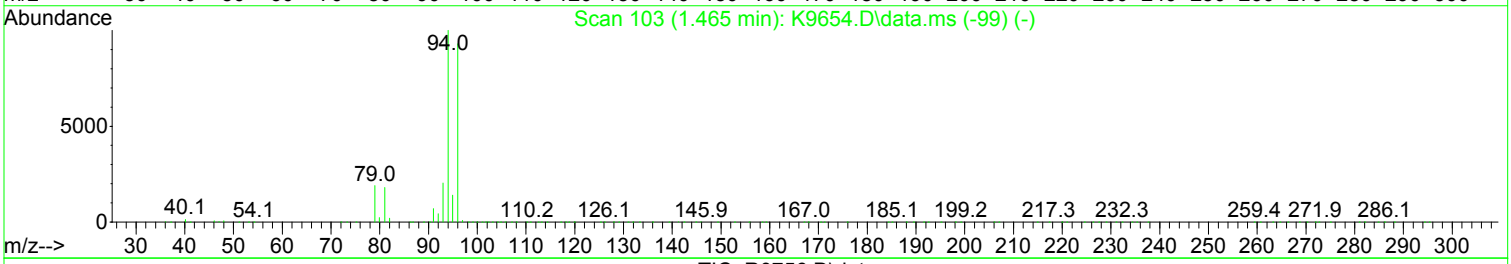
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0756.D\data.ms

(6) Bromomethane (P)

1.465min (+ 0.000) 37.46 ug/L m

response 84017

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.80
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

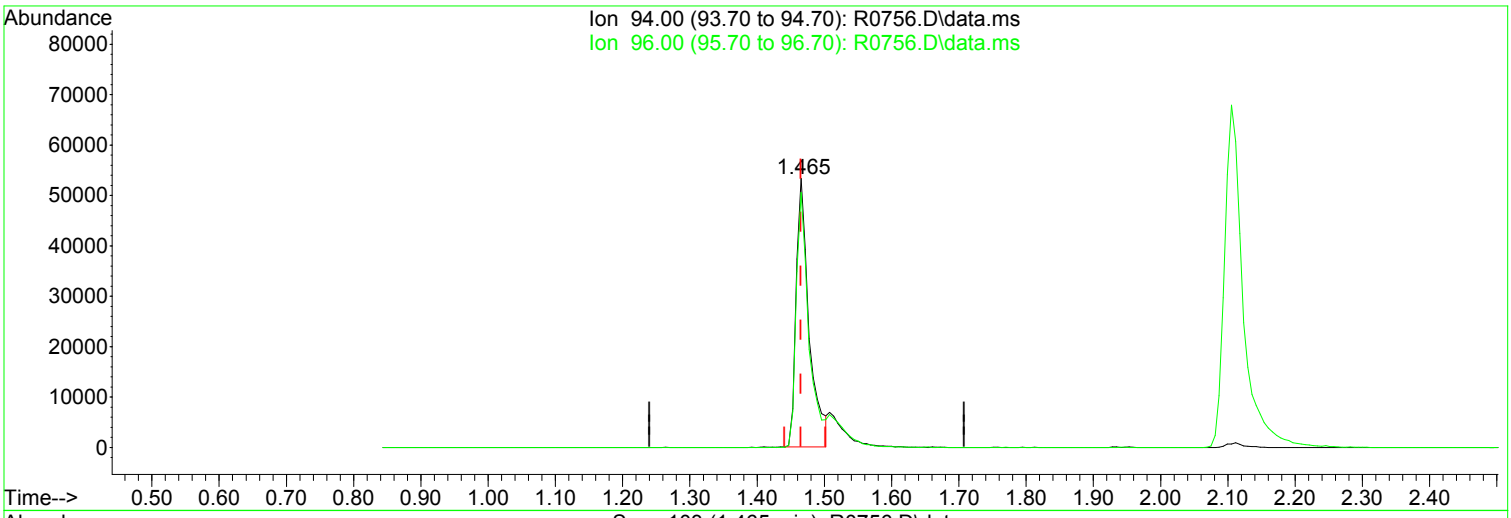
Split Peak.

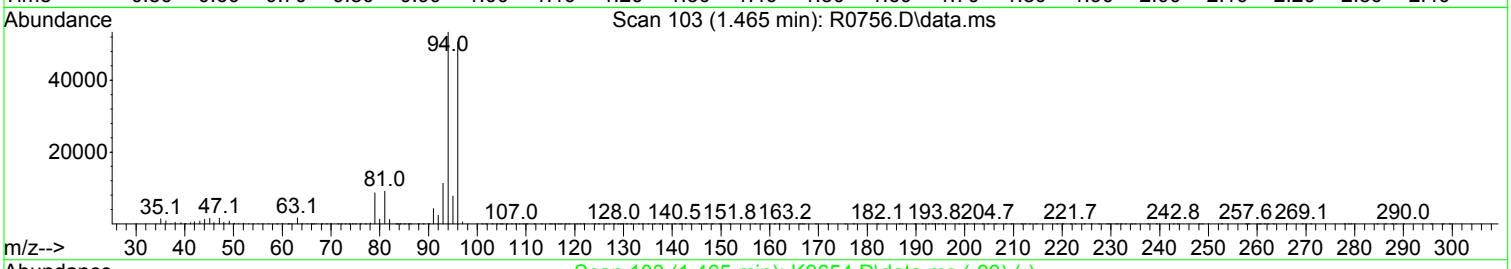
03/13/25

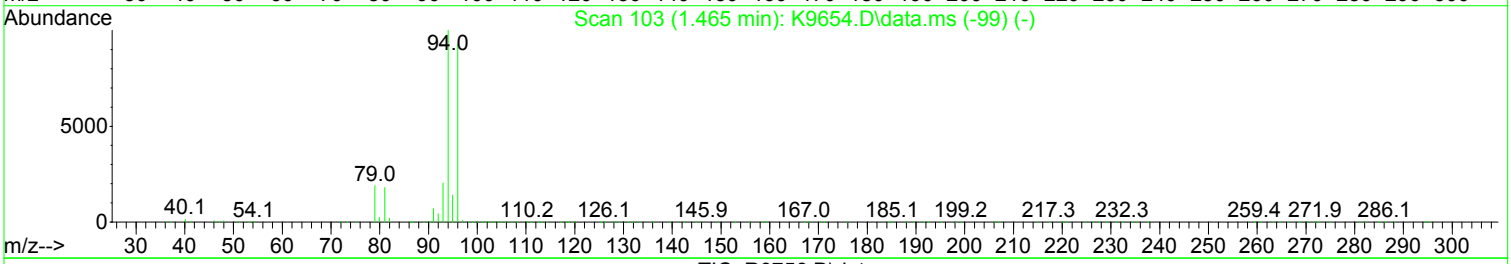
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0756.D\data.ms

(6) Bromomethane (P) **Manual Integration:**

1.465min (+ 0.000) 31.82 ug/L **Before**

response 71374

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.80
0.00	0.00	0.00
0.00	0.00	0.00

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.001	168	324658	50.00	ug/L		0.01
42) 1,4-Difluorobenzene	6.178	114	542940	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.574	117	476708	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	242640	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.837	113	184782	51.08	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.16%				
47) surr1,1,2-dichloroetha...	5.422	65	258303	50.57	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.14%				
64) SURR3,Toluene-d8	8.049	98	633343	49.88	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 99.76%				
69) SURR2,BFB	10.659	95	236924	48.91	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 97.82%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.099	51	174231	48.423	ug/L		93
3) Dichlorodifluoromethane	1.075	85	163317	47.164	ug/L		98
4) Chloromethane	1.209	50	244876	45.809	ug/L		98
5) Vinyl Chloride	1.264	62	189736	46.144	ug/L		98
6) Bromomethane	1.465	94	84017m	37.461	ug/L		
7) Chloroethane	1.538	64	117648	47.497	ug/L		97
8) Freon 21	1.679	67	271828	49.335	ug/L		99
9) Trichlorofluoromethane	1.715	101	248413	45.694	ug/L		98
10) Diethyl Ether	1.935	59	178300	45.894	ug/L		92
11) Freon 123a	1.941	67	158558	47.114	ug/L		94
12) Freon 123	1.990	83	201584	49.362	ug/L		96
13) Acrolein	2.032	56	289745	250.206	ug/L		99
14) 1,1-Diclethene	2.105	96	131269	45.562	ug/L	#	84
15) Freon 113	2.111	101	137226	44.876	ug/L		95
16) Acetone	2.154	43	140597	50.229	ug/L		97
17) 2-Propanol	2.282	45	436024	1019.890	ug/L		98
18) Iodomethane	2.227	142	192824	61.817	ug/L		100
19) Carbon Disulfide	2.282	76	361650	51.972	ug/L		98
20) Acetonitrile/Allyl Chl...	2.410	41	471608	290.595	ug/L		93
21) Methyl Acetate	2.441	43	221690	50.706	ug/L		97
22) Methylene Chloride	2.520	84	141145	43.497	ug/L	#	80
23) TBA	2.654	59	589300	983.750	ug/L		80
24) Acrylonitrile	2.764	53	579351	237.155	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	466044	47.271	ug/L		94
26) trans-1,2-Dichloroethene	2.788	96	141852	45.819	ug/L		90
27) 1,1-Diclethane	3.245	63	312805	47.178	ug/L		99
28) Vinyl Acetate	3.337	86	34183	53.644	ug/L	#	40
29) DIPE	3.361	45	717712	49.880	ug/L		95
30) 2-Chloro-1,3-Butadiene	3.361	53	398801	50.684	ug/L		93
31) ETBE	3.849	59	629848	49.367	ug/L		96
32) 2,2-Dichloropropane	4.014	77	192405	48.959	ug/L		98
33) cis-1,2-Dichloroethene	4.020	96	156688	45.853	ug/L	#	84
34) 2-Butanone	4.081	43	164230	50.671	ug/L		95
35) Propionitrile	4.160	54	240611	243.484	ug/L		98
36) Bromochloromethane	4.385	130	106227	45.135	ug/L	#	82
37) Methacrylonitrile	4.404	67	84031	47.265	ug/L	#	78
38) Tetrahydrofuran	4.483	42	91157	46.443	ug/L		90
39) Chloroform	4.550	83	269563	45.165	ug/L		97
40) 1,1,1-Trichloroethane	4.837	97	233550	47.347	ug/L		95

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	411698	49.497	ug/L		94
43) Cyclohexane	4.922	41	194541	48.780	ug/L		90
45) Carbontetrachloride	5.135	117	200505	46.810	ug/L		98
46) 1,1-Dichloropropene	5.154	75	190473	44.953	ug/L		100
48) Benzene	5.501	78	550261	45.611	ug/L		91
49) 1,2-Dichloroethane	5.550	62	280924	44.564	ug/L		95
50) Iso-Butyl Alcohol	5.568	43	274194	994.966	ug/L		99
51) n-Heptane	6.031	43	285000	44.981	ug/L		89
52) 1-Butanol	6.592	56	431209	2661.994	ug/L		93
53) Trichloroethene	6.513	130	159849	45.088	ug/L		98
54) Methylcyclohexane	6.751	55	301343	50.298	ug/L		87
55) 1,2-Diclpropane	6.806	63	177329	46.199	ug/L		97
56) Dibromomethane	6.952	93	102733	48.241	ug/L		94
57) 1,4-Dioxane	7.031	88	55977	945.357	ug/L		89
58) Methyl Methacrylate	7.062	69	127437	50.405	ug/L	#	82
59) Bromodichloromethane	7.196	83	196159	49.872	ug/L		98
60) 2-Nitropropane	7.501	41	74537	94.429	ug/L		99
61) 2-Chloroethylvinyl Ether	7.623	63	25702	51.870	ug/L		87
62) cis-1,3-Dichloropropene	7.751	75	225315	52.856	ug/L		98
63) 4-Methyl-2-pentanone	7.976	43	293081	51.093	ug/L		97
65) Toluene	8.123	91	601449	45.453	ug/L		99
66) trans-1,3-Dichloropropene	8.409	75	206140	53.835	ug/L		98
67) Ethyl Methacrylate	8.562	69	226865	52.559	ug/L		83
68) 1,1,2-Trichloroethane	8.598	97	146790	47.115	ug/L		97
71) Tetrachloroethene	8.726	164	114111	43.276	ug/L		97
72) 2-Hexanone	8.909	43	221839	49.833	ug/L		96
73) 1,3-Dichloropropane	8.769	76	248620	45.875	ug/L		92
74) Dibromochloromethane	9.000	129	161908	51.266	ug/L		99
75) N-Butyl Acetate	9.074	43	429141	51.932	ug/L		98
76) 1,2-Dibromoethane	9.092	107	158009	46.875	ug/L		98
77) 3-Chlorobenzotrifluoride	9.628	180	204233	46.379	ug/L		99
78) Chlorobenzene	9.598	112	414203	44.251	ug/L		99
79) 4-Chlorobenzotrifluoride	9.683	180	184665	47.759	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.689	131	156906	49.621	ug/L		99
81) Ethylbenzene	9.720	106	214277	44.630	ug/L		97
82) (m+p)Xylene	9.836	106	528782	90.909	ug/L		99
83) o-Xylene	10.195	106	263033	45.604	ug/L		99
84) Styrene	10.214	104	455418	47.362	ug/L		99
85) Bromoform	10.366	173	90295	51.595	ug/L		99
86) 2-Chlorobenzotrifluoride	10.451	180	193308	47.644	ug/L		99
87) Isopropylbenzene	10.537	105	630303	44.965	ug/L		99
88) Cyclohexanone	10.604	55	1277540	1046.358	ug/L		100
89) trans-1,4-Dichloro-2-B...	10.854	53	89830	51.845	ug/L		81
91) 1,1,2,2-Tetrachloroethane	10.805	83	215610	45.608	ug/L		99
92) Bromobenzene	10.781	156	169205	43.854	ug/L		98
93) 1,2,3-Trichloropropane	10.829	110	73564	43.134	ug/L		94
94) n-Propylbenzene	10.896	91	792509	43.908	ug/L		99
95) 2-Chlorotoluene	10.951	91	475444	44.033	ug/L		99
96) 3-Chlorotoluene	11.006	91	514360	46.288	ug/L		97
97) 4-Chlorotoluene	11.049	91	554147	43.921	ug/L		99
98) 1,3,5-Trimethylbenzene	11.049	105	578733	44.318	ug/L		99
99) tert-Butylbenzene	11.323	119	498520	43.482	ug/L		99
100) 1,2,4-Trimethylbenzene	11.360	105	582381	45.077	ug/L		99
101) 3,4-Dichlorobenzotrifl...	11.427	214	135200	46.868	ug/L		97
102) sec-Butylbenzene	11.506	105	711313	43.823	ug/L		99
103) p-Isopropyltoluene	11.628	119	622270	44.590	ug/L		99

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

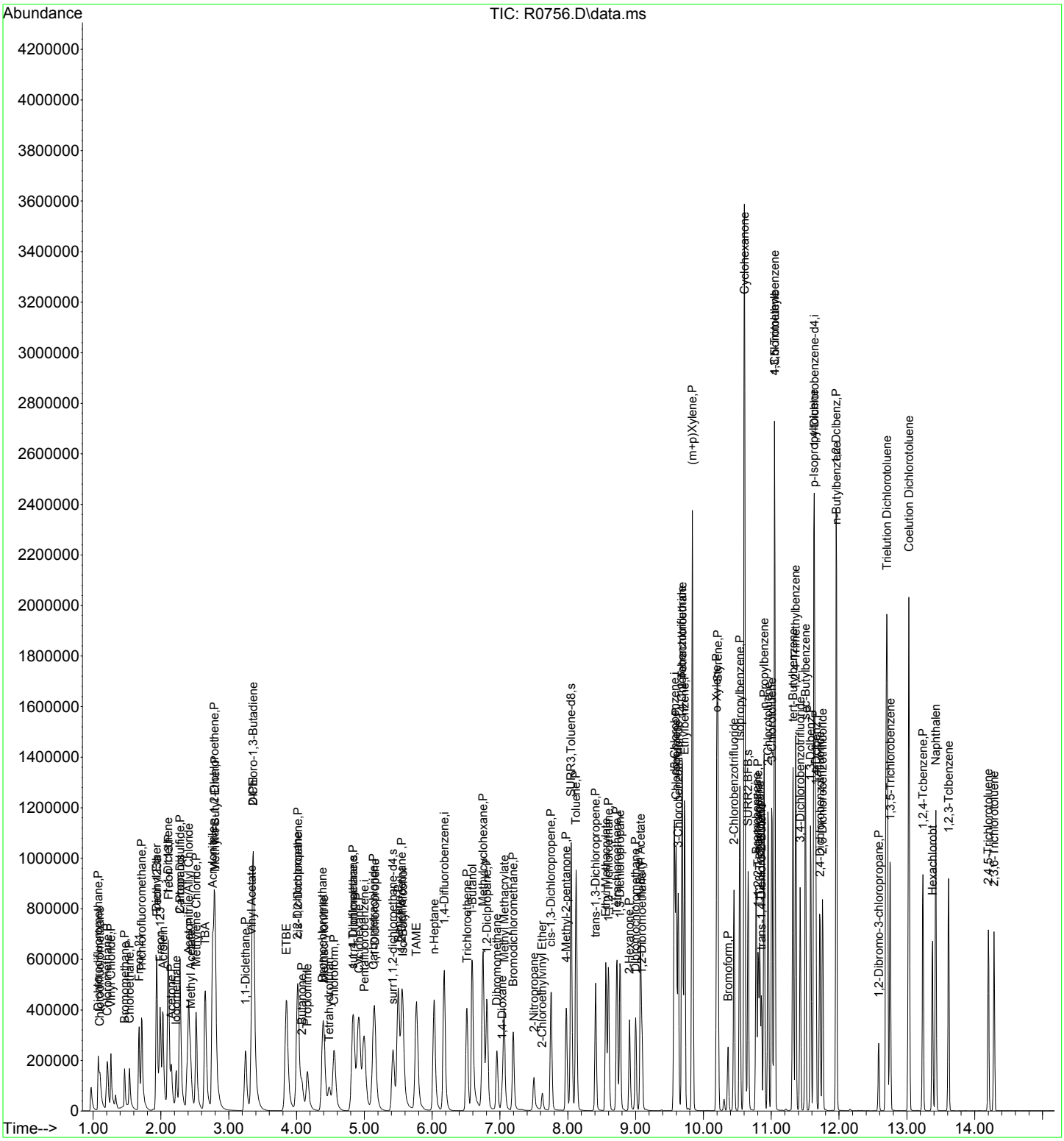
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	320905	43.656	ug/L	97
105) 1,4-Dclbenz	11.659	146	324843	43.073	ug/L	100
106) 2,4-Dichlorobenzotrifl...	11.719	214	120138	46.331	ug/L	98
107) 2,5-Dichlorobenzotrifl...	11.756	214	134191	46.732	ug/L	97
108) n-Butylbenzene	11.963	91	546093	45.947	ug/L	99
109) 1,2-Dclbenz	11.957	146	317110	44.476	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.585	157	46414	52.379	ug/L	95
111) Trielution Dichlorotol...	12.707	125	923303	149.375	ug/L	99
112) 1,3,5-Trichlorobenzene	12.756	180	212662	49.118	ug/L	98
113) Coelution Dichlorotoluene	13.030	125	649121	102.906	ug/L	98
114) 1,2,4-Tcbenzene	13.238	180	194058	49.994	ug/L	98
115) Hexachlorobt	13.378	225	77435	43.524	ug/L	98
116) Naphthalen	13.427	128	657392	52.108	ug/L	100
117) 1,2,3-Tclbenzene	13.615	180	184046	50.825	ug/L	98
118) 2,4,5-Trichlorotoluene	14.201	159	134794	62.298	ug/L	99
119) 2,3,6-Trichlorotoluene	14.286	159	122107	60.677	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0756.D
Acq On : 12 Mar 2025 01:32 pm
Operator : K.Ruest
Sample : 50ppbMRL
Misc : WATER ICAL
ALS Vial : 7 Sample Multiplier: 1

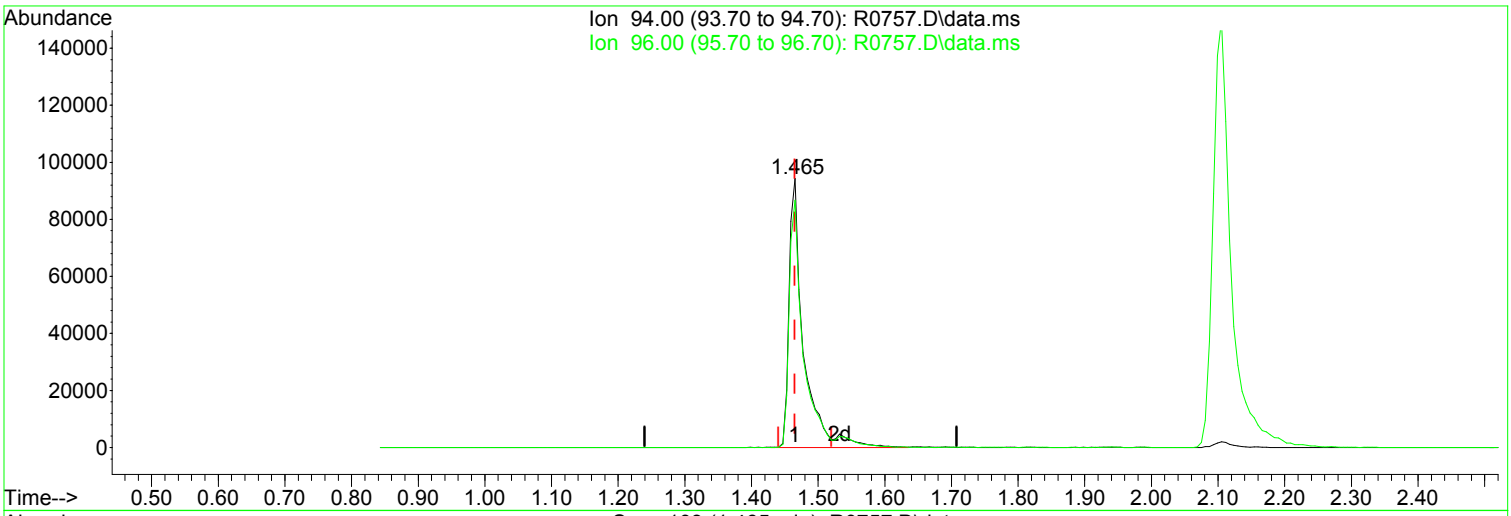
Quant Time: Mar 13 10:09:44 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

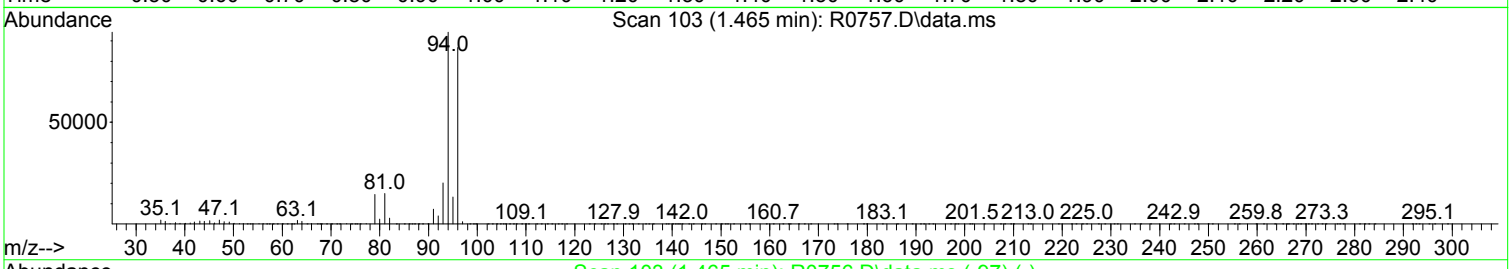


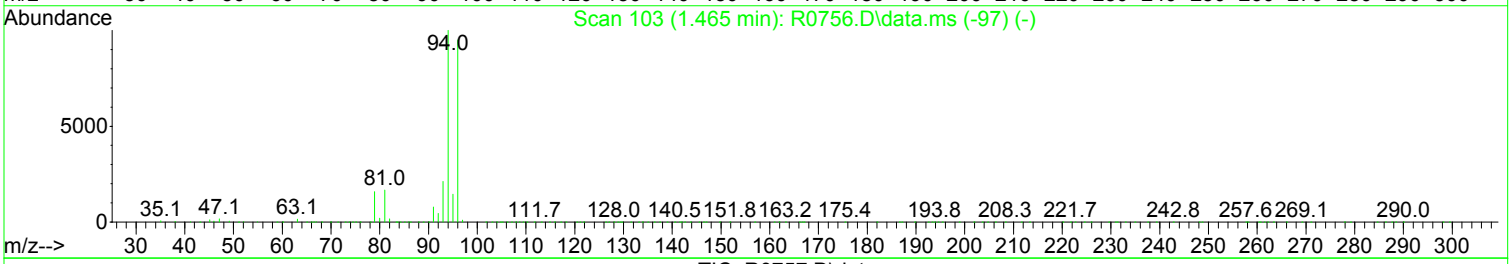
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0757.D\data.ms

(6) Bromomethane (P)

1.465min (+ 0.000) 63.20 ug/L m

response 143851

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	91.97
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

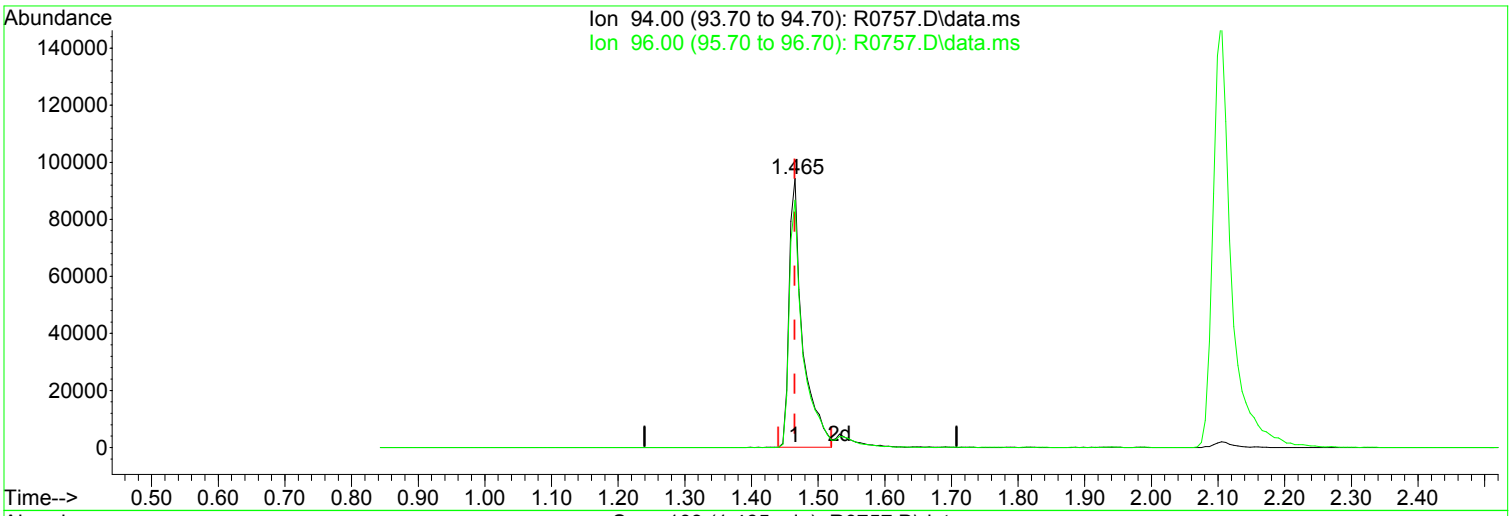
Poor integration.

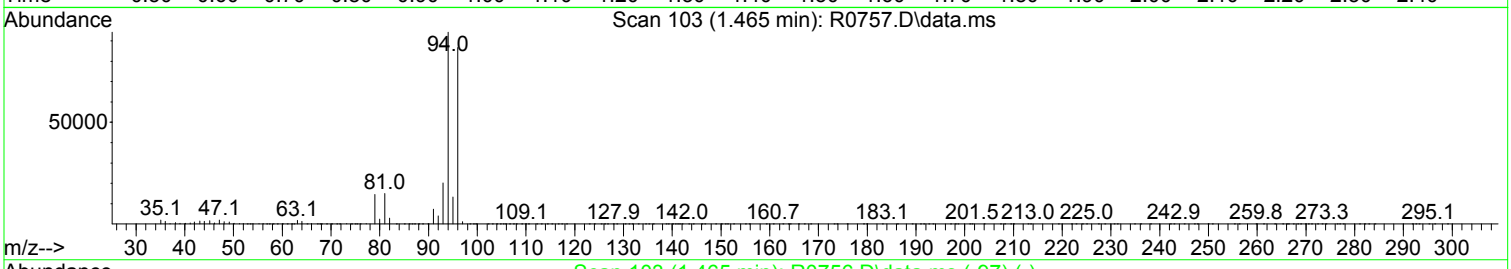
03/13/25

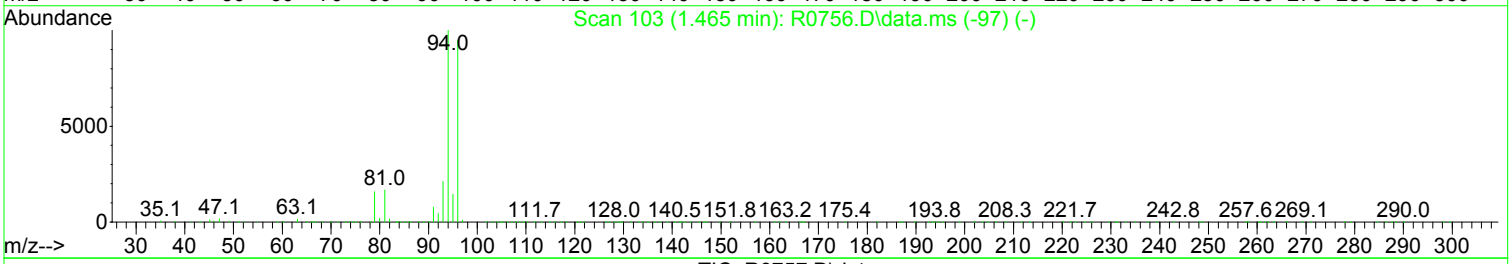
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0757.D\data.ms

(6) Bromomethane (P) **Manual Integration:**

1.465min (+ 0.000) 58.49 ug/L **Before**

response 133127

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	91.97
0.00	0.00	0.00
0.00	0.00	0.00

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	329489	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	554734	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	491155	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	261203	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.837	113	374391	101.29	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 202.58%#				
47) surr1,1,2-dichloroetha...	5.422	65	520841	99.80	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 199.60%#				
64) SURR3,Toluene-d8	8.049	98	1310806	101.04	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 202.08%#				
69) SURR2,BFB	10.659	95	502804	101.59	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 203.18%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.099	51	343663	94.111	ug/L		95
3) Dichlorodifluoromethane	1.075	85	353135	100.487	ug/L		99
4) Chloromethane	1.209	50	537886	99.147	ug/L		99
5) Vinyl Chloride	1.264	62	418283	100.236	ug/L		99
6) Bromomethane	1.465	94	143851m	63.198	ug/L		
7) Chloroethane	1.526	64	254415	101.207	ug/L		96
8) Freon 21	1.672	67	539135	96.416	ug/L		99
9) Trichlorofluoromethane	1.715	101	541564	98.157	ug/L		98
10) Diethyl Ether	1.935	59	386693	98.074	ug/L		92
11) Freon 123a	1.941	67	313356	91.745	ug/L		96
12) Freon 123	1.989	83	401284	96.822	ug/L		99
13) Acrolein	2.026	56	608801	518.015	ug/L		100
14) 1,1-Diclethene	2.105	96	286626	98.026	ug/L		90
15) Freon 113	2.111	101	307062	98.944	ug/L		98
16) Acetone	2.154	43	267326	94.104	ug/L		96
17) 2-Propanol	2.294	45	951866	2193.836	ug/L		99
18) Iodomethane	2.221	142	488951	154.452	ug/L		99
19) Carbon Disulfide	2.276	76	803763	113.814	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	1025299	622.504	ug/L		86
21) Methyl Acetate	2.435	43	458663	103.370	ug/L		97
22) Methylene Chloride	2.520	84	308792	93.765	ug/L	#	81
23) TBA	2.660	59	1349915	2220.444	ug/L		86
24) Acrylonitrile	2.764	53	1255480	506.391	ug/L		98
25) Methyl-t-Butyl Ether	2.800	73	1010503	100.993	ug/L		92
26) trans-1,2-Dichloroethene	2.788	96	312062	99.320	ug/L		92
27) 1,1-Diclethane	3.245	63	681869	101.334	ug/L		99
28) Vinyl Acetate	3.337	86	81800	126.488	ug/L	#	52
29) DIPE	3.361	45	1510321	103.426	ug/L		93
30) 2-Chloro-1,3-Butadiene	3.355	53	828167	103.710	ug/L		91
31) ETBE	3.849	59	1367681	105.627	ug/L		95
32) 2,2-Dichloropropane	4.013	77	455790	114.278	ug/L		99
33) cis-1,2-Dichloroethene	4.020	96	344583	99.361	ug/L		89
34) 2-Butanone	4.081	43	338473	102.899	ug/L		96
35) Propionitrile	4.160	54	519636	518.130	ug/L		100
36) Bromochloromethane	4.379	130	234818	98.310	ug/L	#	83
37) Methacrylonitrile	4.404	67	186301	103.252	ug/L	#	81
38) Tetrahydrofuran	4.483	42	199238	100.019	ug/L		90
39) Chloroform	4.556	83	576540	95.182	ug/L		96
40) 1,1,1-Trichloroethane	4.837	97	522911	104.453	ug/L		92

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	898289	106.414	ug/L		95
43) Cyclohexane	4.916	41	385200	94.534	ug/L		90
45) Carbontetrachloride	5.135	117	453824	103.698	ug/L		97
46) 1,1-Dichloropropene	5.147	75	414867	95.829	ug/L		99
48) Benzene	5.501	78	1197621	97.159	ug/L		92
49) 1,2-Dichloroethane	5.550	62	605731	94.047	ug/L		95
50) Iso-Butyl Alcohol	5.574	43	630351	2238.719	ug/L		99
51) n-Heptane	6.025	43	634155	97.959	ug/L		90
52) 1-Butanol	6.598	56	1006386	6080.662	ug/L		96
53) Trichloroethene	6.513	130	351678	97.087	ug/L		98
54) Methylcyclohexane	6.751	55	598894	97.838	ug/L		87
55) 1,2-Diclpropane	6.806	63	388859	99.154	ug/L		98
56) Dibromomethane	6.952	93	221674	101.879	ug/L		96
57) 1,4-Dioxane	7.037	88	124156	2052.207	ug/L		85
58) Methyl Methacrylate	7.062	69	281151	108.838	ug/L	#	86
59) Bromodichloromethane	7.196	83	434592	108.142	ug/L		99
60) 2-Nitropropane	7.501	41	206889	256.531	ug/L		98
61) 2-Chloroethylvinyl Ether	7.623	63	64065	126.543	ug/L		90
62) cis-1,3-Dichloropropene	7.751	75	510929	117.310	ug/L		99
63) 4-Methyl-2-pentanone	7.976	43	617386	105.341	ug/L		96
65) Toluene	8.123	91	1336839	98.881	ug/L		100
66) trans-1,3-Dichloropropene	8.409	75	480525	122.825	ug/L		98
67) Ethyl Methacrylate	8.561	69	503424	114.150	ug/L		83
68) 1,1,2-Trichloroethane	8.598	97	322690	101.372	ug/L		98
71) Tetrachloroethene	8.726	164	255209	93.940	ug/L		98
72) 2-Hexanone	8.909	43	464298	101.229	ug/L		95
73) 1,3-Dichloropropane	8.769	76	534421	95.711	ug/L		92
74) Dibromochloromethane	9.000	129	373359	114.742	ug/L		99
75) N-Butyl Acetate	9.067	43	912824	107.215	ug/L		98
76) 1,2-Dibromoethane	9.092	107	350276	100.856	ug/L		100
77) 3-Chlorobenzotrifluoride	9.628	180	449676	99.113	ug/L		100
78) Chlorobenzene	9.598	112	909766	94.335	ug/L		99
79) 4-Chlorobenzotrifluoride	9.683	180	400916	100.636	ug/L		95
80) 1,1,1,2-Tetrachloroethane	9.689	131	354019	108.664	ug/L		98
81) Ethylbenzene	9.726	106	470440	95.102	ug/L		100
82) (m+p)Xylene	9.836	106	1170268	195.276	ug/L		97
83) o-Xylene	10.195	106	583754	98.233	ug/L		97
84) Styrene	10.214	104	1006943	101.638	ug/L		99
85) Bromoform	10.360	173	219525	121.747	ug/L		99
86) 2-Chlorobenzotrifluoride	10.451	180	429221	102.678	ug/L		98
87) Isopropylbenzene	10.537	105	1407412	97.450	ug/L		100
88) Cyclohexanone	10.604	55	2560839	2035.738	ug/L		99
89) trans-1,4-Dichloro-2-B...	10.854	53	206982	115.945	ug/L		88
91) 1,1,2,2-Tetrachloroethane	10.805	83	474947	93.327	ug/L		100
92) Bromobenzene	10.781	156	374283	90.112	ug/L		98
93) 1,2,3-Trichloropropane	10.829	110	159702	86.985	ug/L		95
94) n-Propylbenzene	10.896	91	1762264	90.697	ug/L		99
95) 2-Chlorotoluene	10.951	91	1048156	90.177	ug/L		98
96) 3-Chlorotoluene	11.006	91	1103896	92.282	ug/L		96
97) 4-Chlorotoluene	11.049	91	1226684	90.315	ug/L		99
98) 1,3,5-Trimethylbenzene	11.049	105	1286101	91.488	ug/L		99
99) tert-Butylbenzene	11.323	119	1132412	91.752	ug/L		99
100) 1,2,4-Trimethylbenzene	11.360	105	1290227	92.768	ug/L		97
101) 3,4-Dichlorobenzotrifl...	11.427	214	302602	97.443	ug/L		96
102) sec-Butylbenzene	11.506	105	1605506	91.884	ug/L		98
103) p-Isopropyltoluene	11.628	119	1412993	94.055	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

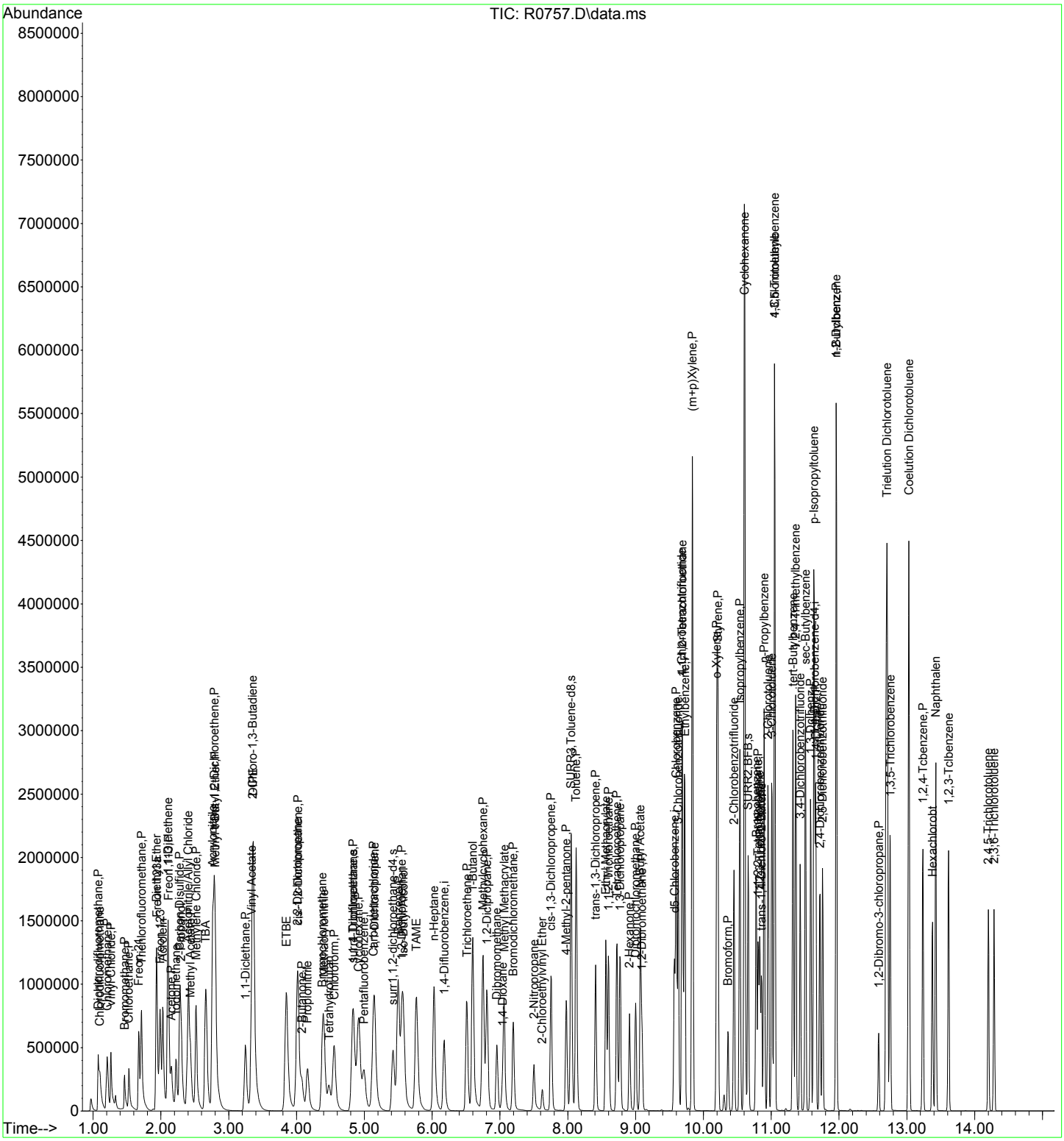
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	715839	90.461	ug/L	98
105) 1,4-Dclbenz	11.658	146	723150	89.073	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.719	214	271011	97.087	ug/L	99
107) 2,5-Dichlorobenzotrifl...	11.756	214	302069	97.719	ug/L	97
108) n-Butylbenzene	11.957	91	1259003	98.402	ug/L	98
109) 1,2-Dclbenz	11.957	146	704706	91.814	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	110406	115.741	ug/L	94
111) Trielution Dichlorotol...	12.707	125	2059488	309.512	ug/L	100
112) 1,3,5-Trichlorobenzene	12.756	180	468897	100.603	ug/L	97
113) Coelution Dichlorotoluene	13.030	125	1453151	213.999	ug/L	98
114) 1,2,4-Tcbenzene	13.237	180	443532	106.143	ug/L	98
115) Hexachlorobt	13.378	225	177794	92.831	ug/L	99
116) Naphthalen	13.426	128	1504761	110.799	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	414085	106.224	ug/L	99
118) 2,4,5-Trichlorotoluene	14.201	159	301990	129.653	ug/L	98
119) 2,3,6-Trichlorotoluene	14.286	159	270786	124.994	ug/L	98

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

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0757.D
Acq On : 12 Mar 2025 01:55 pm
Operator : K.Ruest
Sample : 100ppbMRL
Misc : WATER ICAL
ALS Vial : 8 Sample Multiplier: 1

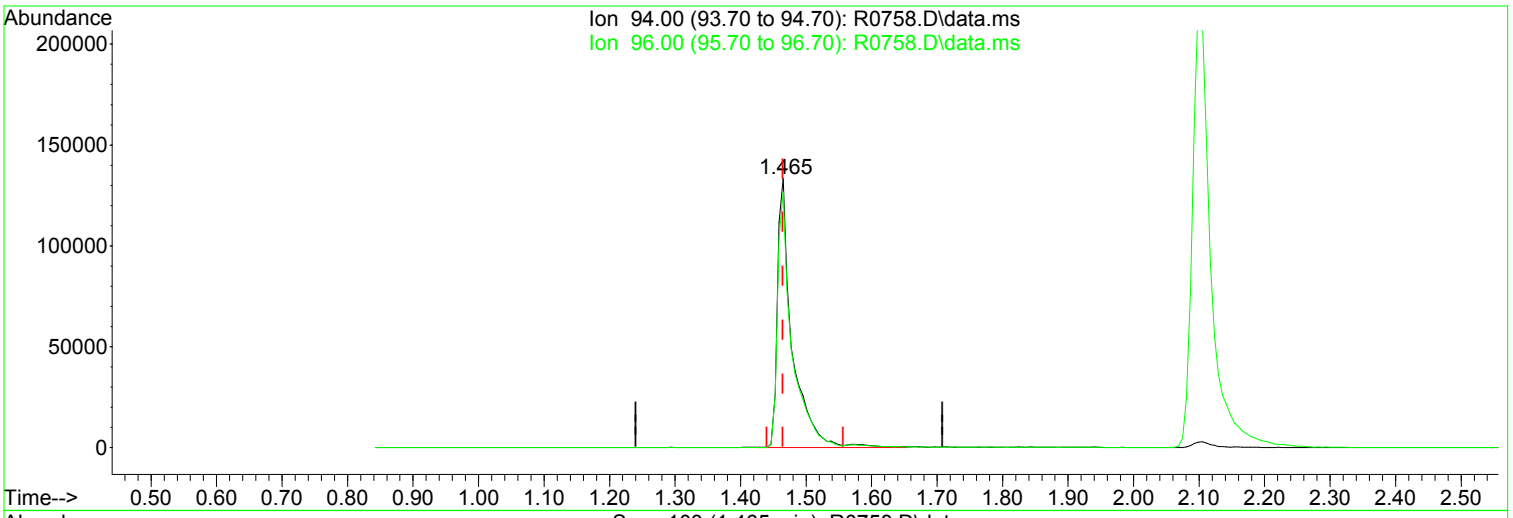
Quant Time: Mar 13 10:09:49 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

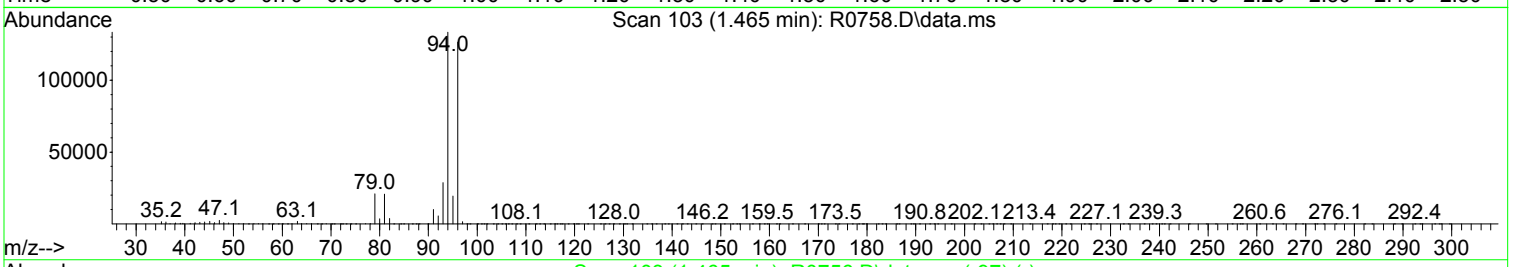


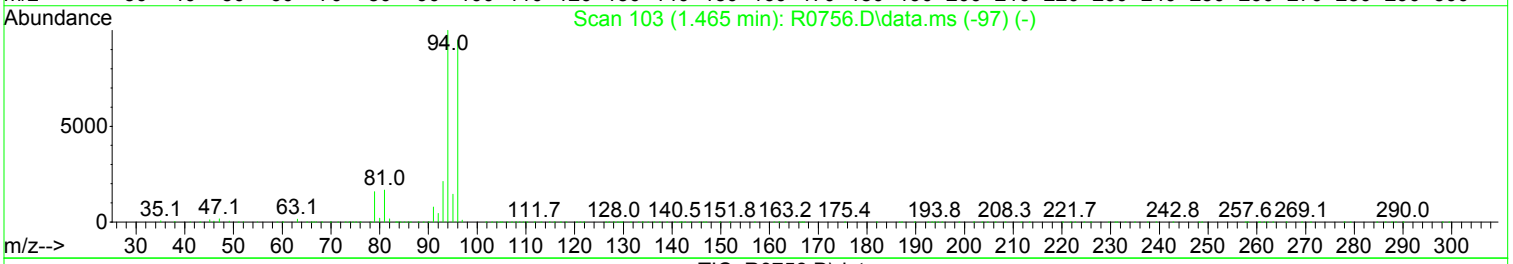
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0758.D\data.ms

(6) Bromomethane (P)

1.465min (-0.000) 92.01 ug/L m

response 210391

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.91
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

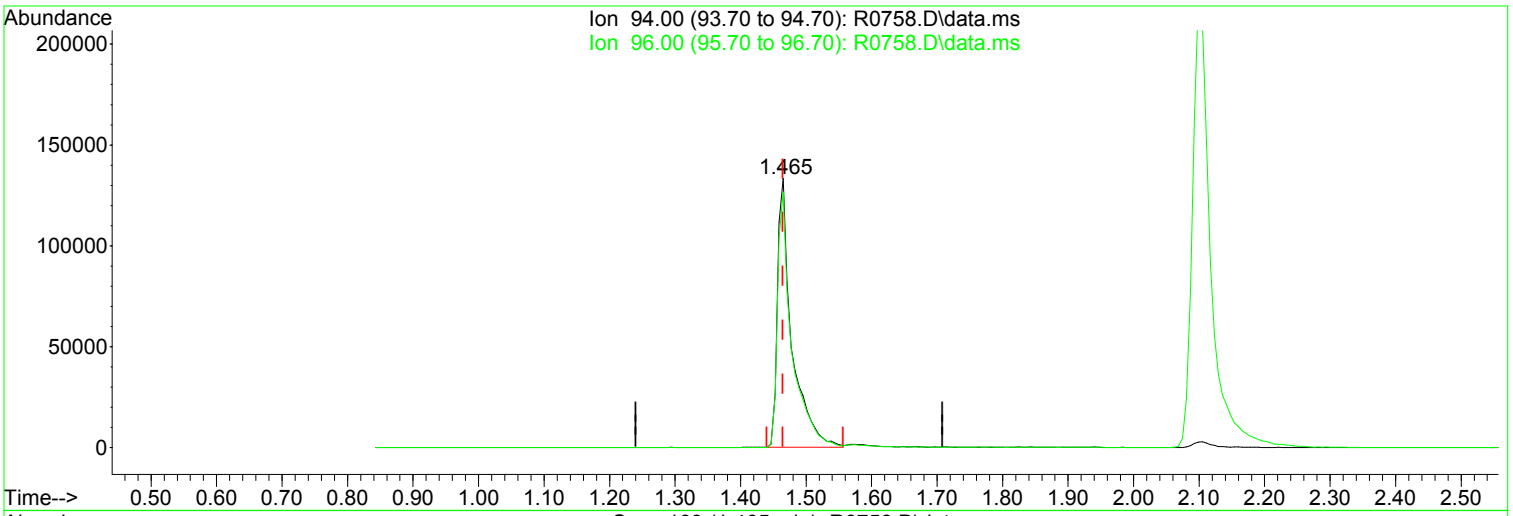
Poor integration.

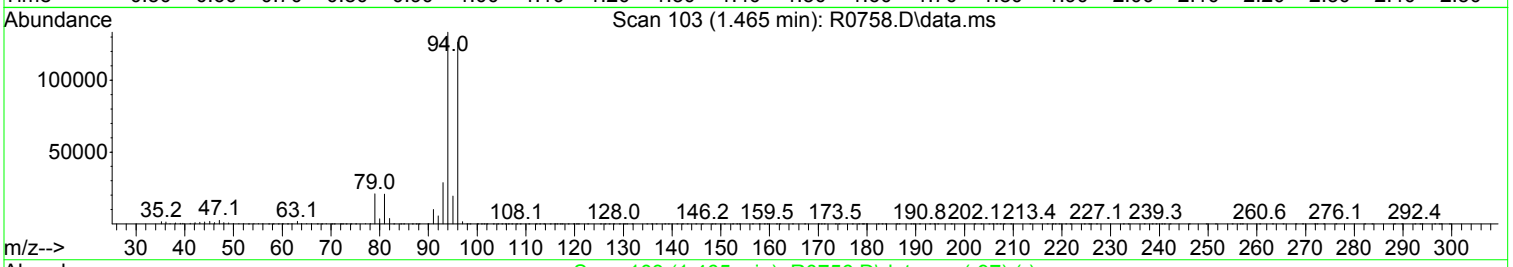
03/13/25

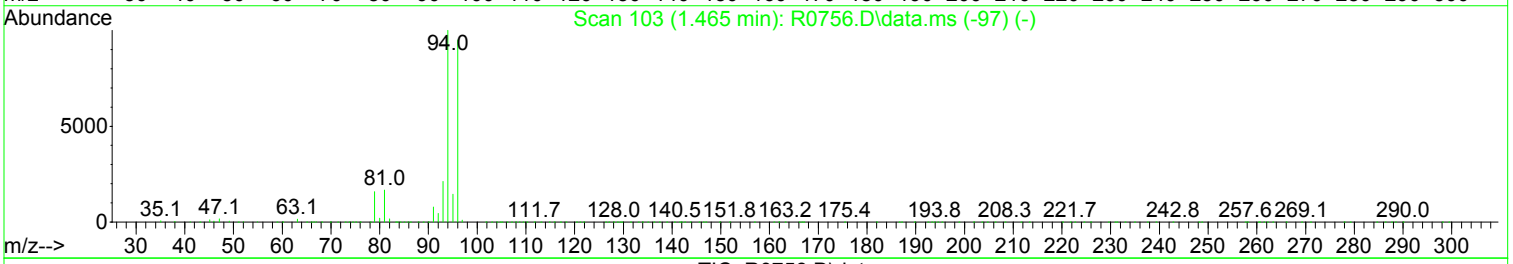
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0758.D\data.ms

(6) Bromomethane (P)

1.465min (-0.000) 89.43 ug/L

response 204484

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.91
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	330985	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	559721	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	499596	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	264293	50.00	ug/L		0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	721886	193.56	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 387.12%#				
47) surr1,1,2-dichloroetha...	5.422	65	990830	188.17	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 376.34%#				
64) SURR3,Toluene-d8	8.049	98	2519797	192.51	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 385.02%#				
69) SURR2,BFB	10.658	95	976796	195.60	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 391.20%#				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.099	51	523085	142.598	ug/L		95
3) Dichlorodifluoromethane	1.075	85	527587	149.450	ug/L		98
4) Chloromethane	1.209	50	810792	148.776	ug/L		100
5) Vinyl Chloride	1.264	62	638417	152.297	ug/L		98
6) Bromomethane	1.465	94	210391m	92.014	ug/L		
7) Chloroethane	1.526	64	251259	99.500	ug/L		100
8) Freon 21	1.672	67	827645	147.342	ug/L		98
9) Trichlorofluoromethane	1.709	101	792877	143.057	ug/L		99
10) Diethyl Ether	1.934	59	570879	144.134	ug/L		91
11) Freon 123a	1.941	67	485112	141.390	ug/L		96
12) Freon 123	1.989	83	617801	148.390	ug/L		99
13) Acrolein	2.032	56	903763	765.516	ug/L		99
14) 1,1-Diclethene	2.099	96	431123	146.777	ug/L	#	86
15) Freon 113	2.105	101	456034	146.283	ug/L		98
16) Acetone	2.160	43	390373	136.798	ug/L		98
17) 2-Propanol	2.325	45	1378703	3163.236	ug/L		99
18) Iodomethane	2.221	142	723919	227.642	ug/L		99
19) Carbon Disulfide	2.276	76	1226619	172.906	ug/L		99
20) Acetonitrile/Allyl Chl...	2.404	41	1452791	878.066	ug/L		85
21) Methyl Acetate	2.440	43	675567	151.566	ug/L		97
22) Methylene Chloride	2.520	84	463476	140.099	ug/L	#	84
23) TBA	2.684	59	1996918	3269.837	ug/L		88
24) Acrylonitrile	2.764	53	1807801	725.870	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	1499466	149.185	ug/L		94
26) trans-1,2-Dichloroethene	2.782	96	468953	148.579	ug/L		93
27) 1,1-Diclethane	3.245	63	1007682	149.077	ug/L		99
28) Vinyl Acetate	3.337	86	124667	191.902	ug/L	#	68
29) DIPE	3.361	45	2211466	150.755	ug/L		95
30) 2-Chloro-1,3-Butadiene	3.355	53	1228567	153.156	ug/L		94
31) ETBE	3.849	59	2016917	155.064	ug/L		96
32) 2,2-Dichloropropane	4.007	77	704276	175.782	ug/L		99
33) cis-1,2-Dichloroethene	4.019	96	514413	147.661	ug/L	#	85
34) 2-Butanone	4.080	43	490536	148.454	ug/L		96
35) Propionitrile	4.166	54	748760	743.216	ug/L		97
36) Bromochloromethane	4.385	130	351869	146.649	ug/L	#	85
37) Methacrylonitrile	4.410	67	274241	151.303	ug/L		86
38) Tetrahydrofuran	4.483	42	284279	142.065	ug/L		89
39) Chloroform	4.556	83	858927	141.160	ug/L		96
40) 1,1,1-Trichloroethane	4.836	97	789597	157.012	ug/L		96

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	1355231	159.819	ug/L		95
43) Cyclohexane	4.916	41	585050	142.301	ug/L		92
45) Carbontetrachloride	5.135	117	691543	156.608	ug/L		98
46) 1,1-Dichloropropene	5.147	75	622809	142.579	ug/L		99
48) Benzene	5.501	78	1787400	143.714	ug/L		93
49) 1,2-Dichloroethane	5.550	62	892672	137.363	ug/L		96
50) Iso-Butyl Alcohol	5.604	43	892863	3142.789	ug/L		100
51) n-Heptane	6.025	43	948831	145.261	ug/L		90
52) 1-Butanol	6.617	56	1452395	8697.296	ug/L		98
53) Trichloroethene	6.513	130	530432	145.131	ug/L		98
54) Methylcyclohexane	6.745	55	923127	149.462	ug/L		87
55) 1,2-Diclpropane	6.805	63	575432	145.421	ug/L		97
56) Dibromomethane	6.952	93	334857	152.526	ug/L		97
57) 1,4-Dioxane	7.043	88	177337	2905.133	ug/L		79
58) Methyl Methacrylate	7.062	69	420171	161.206	ug/L	#	87
59) Bromodichloromethane	7.196	83	661741	163.198	ug/L		99
60) 2-Nitropropane	7.500	41	337381	414.606	ug/L		96
61) 2-Chloroethylvinyl Ether	7.622	63	107556	210.556	ug/L		94
62) cis-1,3-Dichloropropene	7.757	75	778922	177.247	ug/L		100
63) 4-Methyl-2-pentanone	7.982	43	899110	152.043	ug/L		99
65) Toluene	8.122	91	1959376	143.637	ug/L		98
66) trans-1,3-Dichloropropene	8.409	75	734501	186.070	ug/L		99
67) Ethyl Methacrylate	8.561	69	757916	170.325	ug/L		85
68) 1,1,2-Trichloroethane	8.604	97	471968	146.946	ug/L		98
71) Tetrachloroethene	8.726	164	387780	140.326	ug/L		98
72) 2-Hexanone	8.915	43	679166	145.574	ug/L		98
73) 1,3-Dichloropropane	8.775	76	788205	138.777	ug/L		95
74) Dibromochloromethane	9.000	129	567719	171.525	ug/L		99
75) N-Butyl Acetate	9.073	43	1349652	155.844	ug/L		98
76) 1,2-Dibromoethane	9.092	107	519018	146.917	ug/L		99
77) 3-Chlorobenzotrifluoride	9.628	180	665330	144.168	ug/L		100
78) Chlorobenzene	9.598	112	1352490	137.873	ug/L		99
79) 4-Chlorobenzotrifluoride	9.683	180	596024	147.084	ug/L		96
80) 1,1,1,2-Tetrachloroethane	9.689	131	539260	162.727	ug/L		98
81) Ethylbenzene	9.726	106	693803	137.886	ug/L		99
82) (m+p)Xylene	9.842	106	1735036	284.624	ug/L		93
83) o-Xylene	10.201	106	870912	144.079	ug/L		92
84) Styrene	10.213	104	1493487	148.202	ug/L		100
85) Bromoform	10.366	173	341463	186.173	ug/L		100
86) 2-Chlorobenzotrifluoride	10.451	180	636810	149.763	ug/L		98
87) Isopropylbenzene	10.537	105	2087939	142.127	ug/L		99
88) Cyclohexanone	10.610	55	3619803	2828.943	ug/L		98
89) trans-1,4-Dichloro-2-B...	10.860	53	307476	169.329	ug/L		96
91) 1,1,2,2-Tetrachloroethane	10.811	83	694015	134.779	ug/L		99
92) Bromobenzene	10.780	156	555478	132.173	ug/L		99
93) 1,2,3-Trichloropropane	10.835	110	230258	123.949	ug/L		98
94) n-Propylbenzene	10.896	91	2609092	132.710	ug/L		99
95) 2-Chlorotoluene	10.957	91	1540353	130.973	ug/L		99
96) 3-Chlorotoluene	11.012	91	1600626	132.242	ug/L		99
97) 4-Chlorotoluene	11.049	91	1807385	131.514	ug/L		98
98) 1,3,5-Trimethylbenzene	11.049	105	1896050	133.300	ug/L		100
99) tert-Butylbenzene	11.323	119	1676121	134.218	ug/L		99
100) 1,2,4-Trimethylbenzene	11.360	105	1904014	135.300	ug/L		97
101) 3,4-Dichlorobenzotrifl...	11.427	214	441676	140.565	ug/L		95
102) sec-Butylbenzene	11.506	105	2354039	133.148	ug/L		99
103) p-Isopropyltoluene	11.628	119	2078362	136.727	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

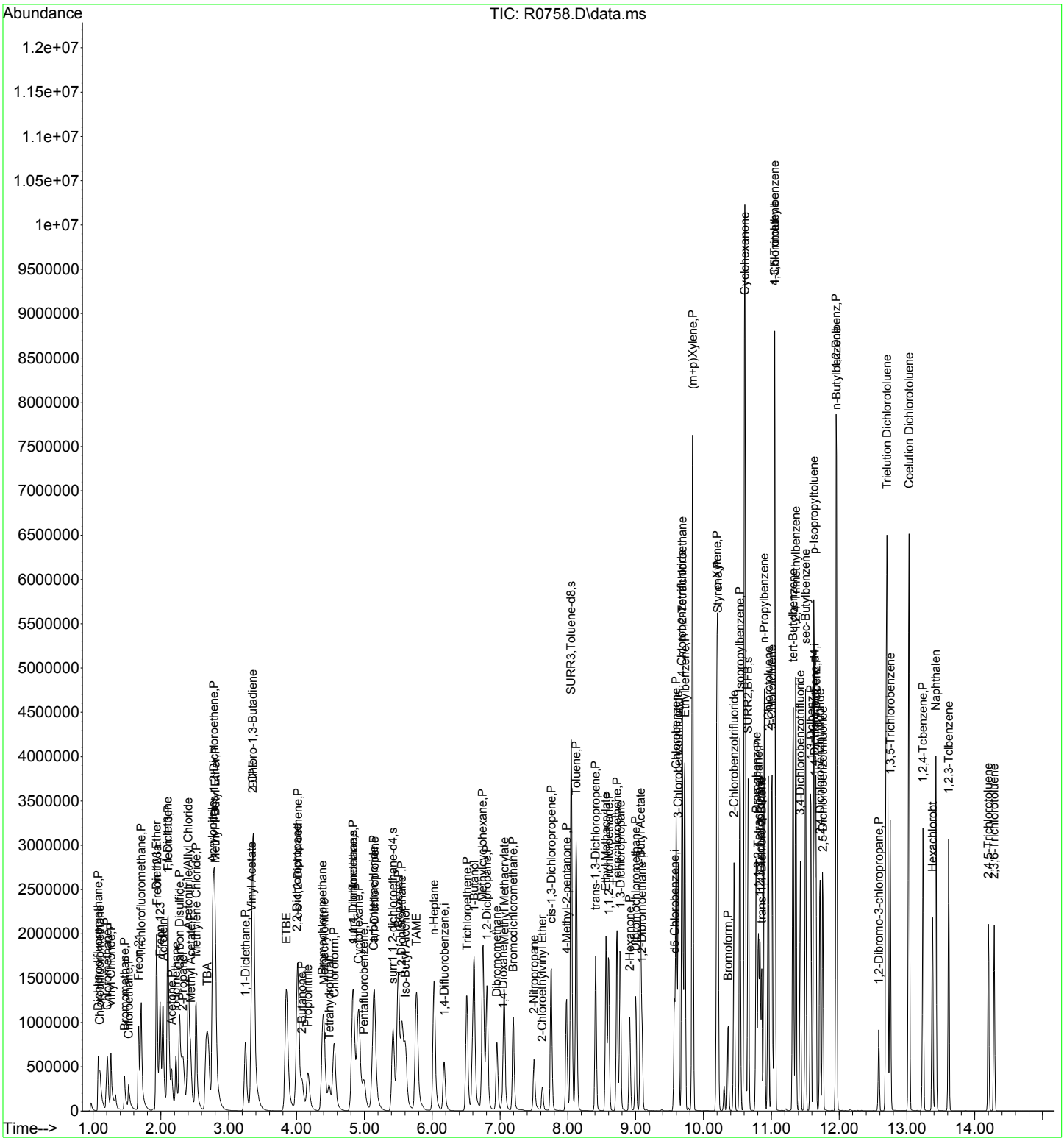
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	1068982	133.509	ug/L	99
105) 1,4-Dclbenz	11.658	146	1068761	130.105	ug/L	100
106) 2,4-Dichlorobenzotrifl...	11.719	214	398378	141.047	ug/L	97
107) 2,5-Dichlorobenzotrifl...	11.762	214	447802	143.170	ug/L	97
108) n-Butylbenzene	11.963	91	1838887	142.044	ug/L	99
109) 1,2-Dclbenz	11.957	146	1042143	134.189	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	167971	174.029	ug/L	95
111) Trielution Dichlorotol...	12.707	125	2998069	445.299	ug/L	100
112) 1,3,5-Trichlorobenzene	12.756	180	677561	143.672	ug/L	99
113) Coelution Dichlorotoluene	13.030	125	2113180	307.560	ug/L	99
114) 1,2,4-Tcbenzene	13.237	180	652308	154.281	ug/L	99
115) Hexachlorobt	13.377	225	256256	132.233	ug/L	98
116) Naphthalen	13.426	128	2205863	160.523	ug/L	100
117) 1,2,3-Tclbenzene	13.615	180	610067	154.669	ug/L	96
118) 2,4,5-Trichlorotoluene	14.201	159	403080	171.030	ug/L	99
119) 2,3,6-Trichlorotoluene	14.286	159	370990	169.246	ug/L	99

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

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0758.D
Acq On : 12 Mar 2025 02:18 pm
Operator : K.Ruest
Sample : 150ppbMRL
Misc : WATER ICAL
ALS Vial : 9 Sample Multiplier: 1

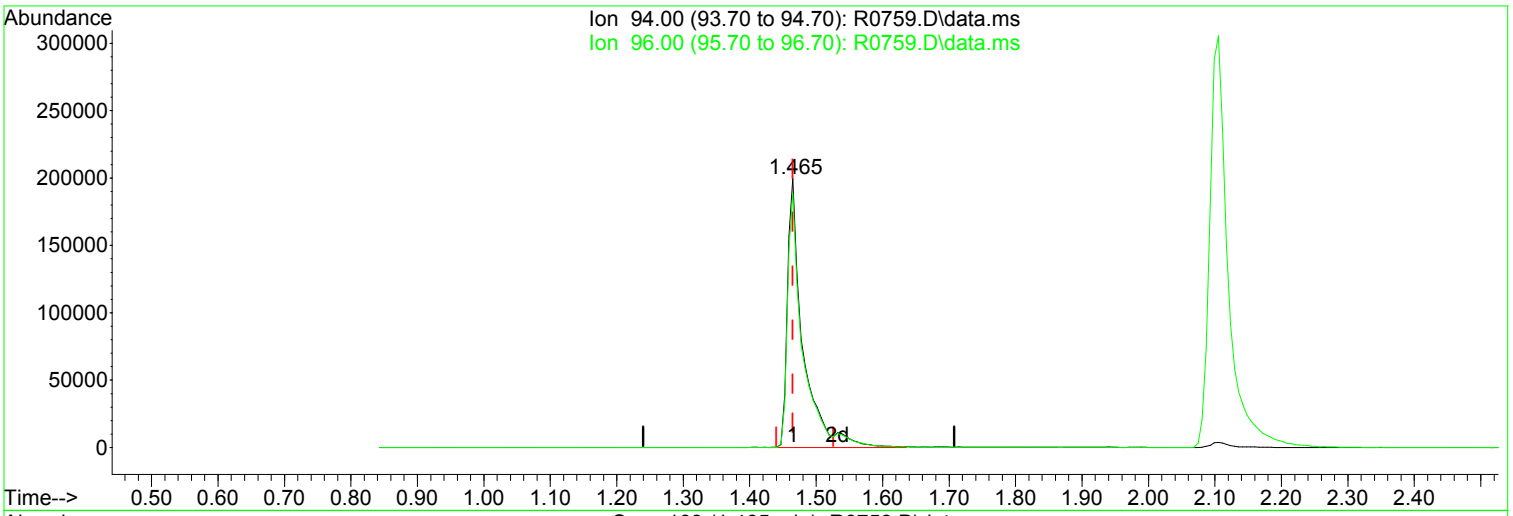
Quant Time: Mar 13 10:09:54 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

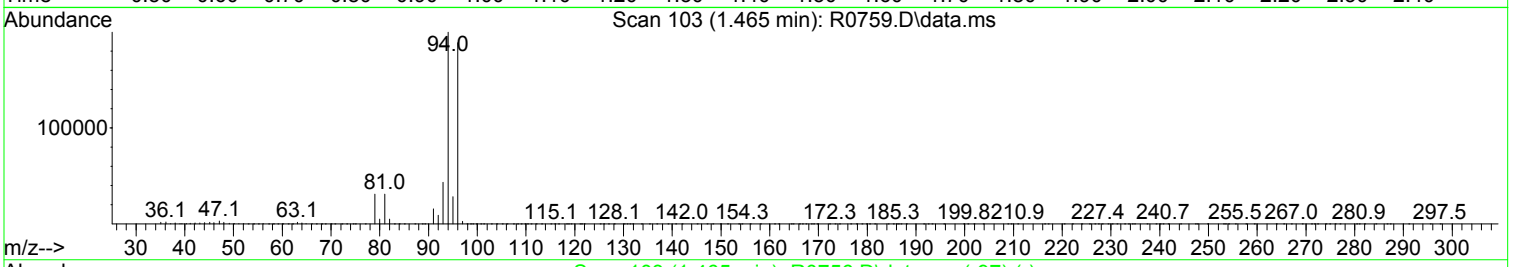


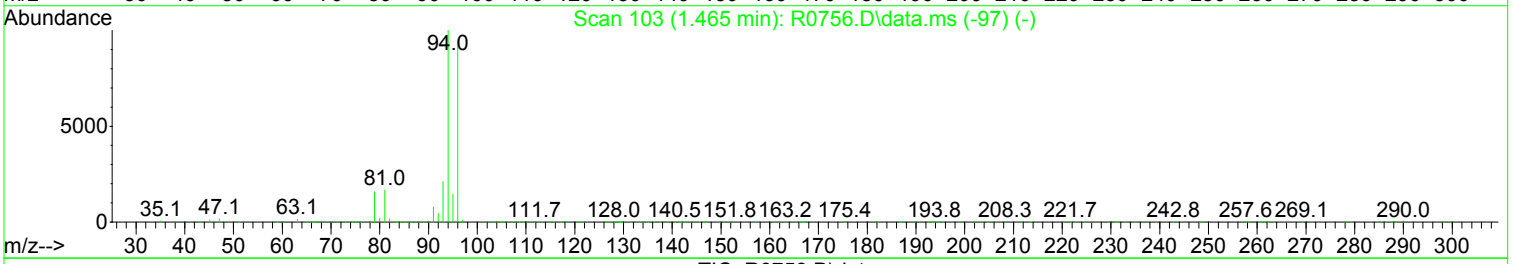
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0759.D\data.ms

(6) Bromomethane (P)

1.465min (+ 0.000) 142.02 ug/L m

response 327569

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.42
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

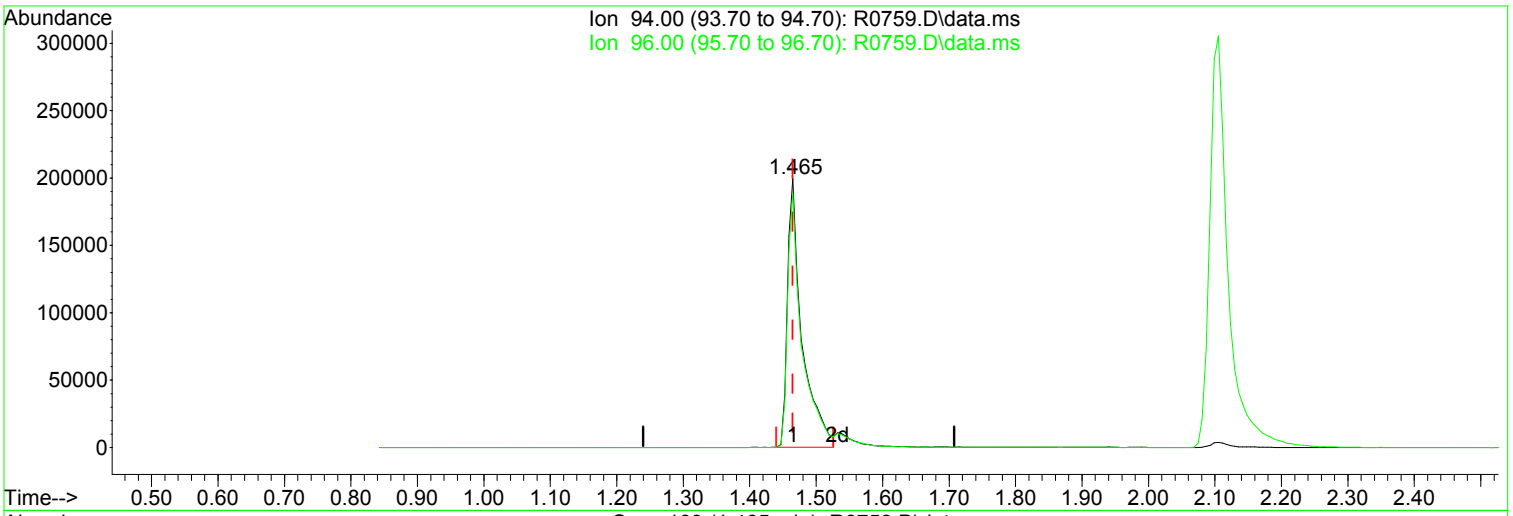
Poor integration.

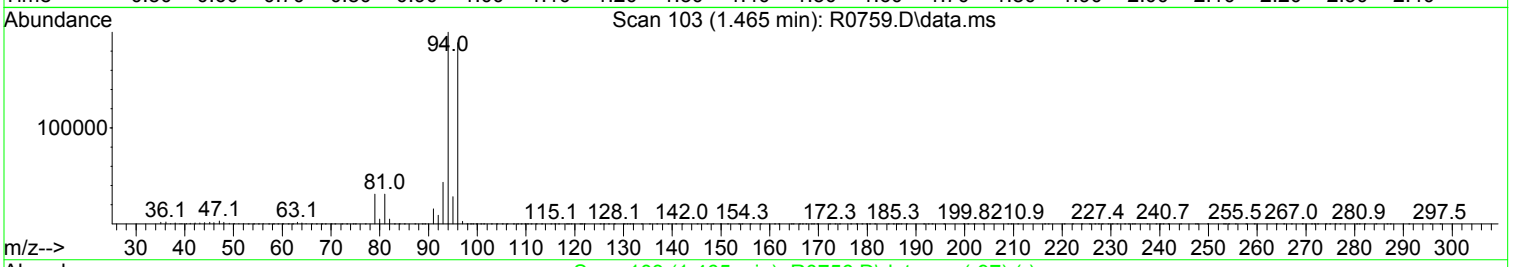
03/13/25

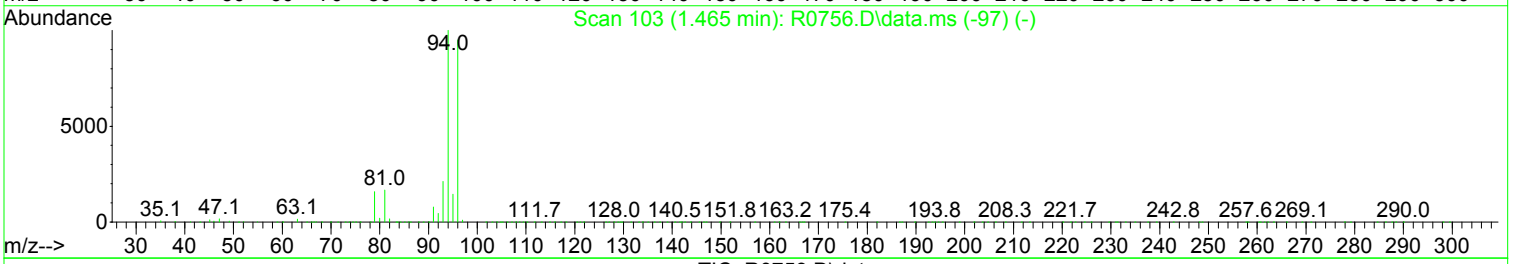
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration







TIC: R0759.D\data.ms

(6) Bromomethane (P)

1.465min (+ 0.000) 131.62 ug/L

response 303582

Ion	Exp%	Act%
94.00	100.00	100.00
96.00	93.00	94.42
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.001	168	333874	50.00	ug/L		0.01
42) 1,4-Difluorobenzene	6.178	114	555056	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	484731	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	239568	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	194510	52.59	ug/L		0.01
Spiked Amount 50.000	Range 80 - 116		Recovery = 105.18%				
47) surr1,1,2-dichloroetha...	5.422	65	265231	50.79	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.58%				
64) SURR3,Toluene-d8	8.049	98	678353	52.26	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 104.52%				
69) SURR2,BFB	10.659	95	259646	52.43	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 104.86%				
Target Compounds							Qvalue
2) Chlorodifluoromethane	1.093	51	726640	196.375	ug/L		94
3) Dichlorodifluoromethane	1.075	85	733134	205.878	ug/L		98
4) Chloromethane	1.209	50	1099611	200.027	ug/L		99
5) Vinyl Chloride	1.264	62	894059	211.435	ug/L		98
6) Bromomethane	1.465	94	327569m	142.021	ug/L		
7) Chloroethane	1.532	64	526524	206.702	ug/L		99
8) Freon 21	1.672	67	1137927	200.827	ug/L		99
9) Trichlorofluoromethane	1.715	101	1111935	198.887	ug/L		99
10) Diethyl Ether	1.934	59	772621	193.381	ug/L		93
11) Freon 123a	1.941	67	661970	191.268	ug/L		95
12) Freon 123	1.989	83	855402	203.681	ug/L		98
13) Acrolein	2.026	56	1209876	1015.936	ug/L		98
14) 1,1-Diclethene	2.105	96	592409	199.942	ug/L		90
15) Freon 113	2.111	101	625014	198.753	ug/L		97
16) Acetone	2.154	43	464648	161.417	ug/L		98
17) 2-Propanol	2.294	45	1858772	4227.783	ug/L		98
18) Iodomethane	2.227	142	981301	305.907	ug/L		97
19) Carbon Disulfide	2.276	76	1659273	231.870	ug/L		100
20) Acetonitrile/Allyl Chl...	2.410	41	2057148	1232.581	ug/L		90
21) Methyl Acetate	2.434	43	894503	198.949	ug/L		97
22) Methylene Chloride	2.520	84	626063	187.608	ug/L	#	86
23) TBA	2.666	59	2701309	4384.963	ug/L		92
24) Acrylonitrile	2.764	53	2393312	952.650	ug/L		99
25) Methyl-t-Butyl Ether	2.800	73	2029281	200.150	ug/L		93
26) trans-1,2-Dichloroethene	2.788	96	635318	199.547	ug/L		93
27) 1,1-Diclethane	3.245	63	1375455	201.724	ug/L		98
28) Vinyl Acetate	3.337	86	169792	259.102	ug/L	#	62
29) DIPE	3.361	45	2964837	200.364	ug/L		94
30) 2-Chloro-1,3-Butadiene	3.361	53	1621053	200.335	ug/L		95
31) ETBE	3.849	59	2749473	209.555	ug/L		96
32) 2,2-Dichloropropane	4.013	77	974719	241.177	ug/L		99
33) cis-1,2-Dichloroethene	4.019	96	702987	200.045	ug/L	#	85
34) 2-Butanone	4.080	43	628448	188.545	ug/L		97
35) Propionitrile	4.166	54	1000153	984.158	ug/L		100
36) Bromochloromethane	4.385	130	477090	197.118	ug/L	#	84
37) Methacrylonitrile	4.404	67	366267	200.326	ug/L	#	82
38) Tetrahydrofuran	4.477	42	382602	189.547	ug/L		90
39) Chloroform	4.556	83	1174816	191.404	ug/L		97
40) 1,1,1-Trichloroethane	4.830	97	1097150	216.281	ug/L		96

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) TAME	5.769	73	1863733	217.883	ug/L		96
43) Cyclohexane	4.916	41	794205	194.797	ug/L		92
45) Carbontetrachloride	5.129	117	968477	221.167	ug/L		99
46) 1,1-Dichloropropene	5.153	75	862511	199.114	ug/L		99
48) Benzene	5.501	78	2453856	198.957	ug/L		94
49) 1,2-Dichloroethane	5.550	62	1205612	187.077	ug/L		95
50) Iso-Butyl Alcohol	5.580	43	1231051	4369.595	ug/L		98
51) n-Heptane	6.031	43	1286665	198.637	ug/L		91
52) 1-Butanol	6.604	56	2015135	12168.539	ug/L		97
53) Trichloroethene	6.513	130	734346	202.613	ug/L		98
54) Methylcyclohexane	6.751	55	1254538	204.828	ug/L		89
55) 1,2-Diclpropane	6.812	63	776541	197.894	ug/L		97
56) Dibromomethane	6.952	93	451198	207.246	ug/L		96
57) 1,4-Dioxane	7.037	88	240978	3980.878	ug/L		83
58) Methyl Methacrylate	7.062	69	570510	220.726	ug/L	#	87
59) Bromodichloromethane	7.196	83	919105	228.574	ug/L		99
60) 2-Nitropropane	7.501	41	506390	627.530	ug/L		96
61) 2-Chloroethylvinyl Ether	7.622	63	143181	282.652	ug/L		92
62) cis-1,3-Dichloropropene	7.757	75	1073047	246.229	ug/L		99
63) 4-Methyl-2-pentanone	7.976	43	1202272	205.017	ug/L		98
65) Toluene	8.122	91	2684708	198.463	ug/L		97
66) trans-1,3-Dichloropropene	8.409	75	1014462	259.151	ug/L		98
67) Ethyl Methacrylate	8.561	69	1036959	234.992	ug/L		88
68) 1,1,2-Trichloroethane	8.604	97	641246	201.329	ug/L		97
71) Tetrachloroethene	8.726	164	530709	197.937	ug/L		98
72) 2-Hexanone	8.909	43	887228	196.003	ug/L		96
73) 1,3-Dichloropropane	8.775	76	1067820	193.773	ug/L		95
74) Dibromochloromethane	9.000	129	794877	247.521	ug/L		99
75) N-Butyl Acetate	9.073	43	1835069	218.393	ug/L		98
76) 1,2-Dibromoethane	9.098	107	703977	205.384	ug/L		100
77) 3-Chlorobenzotrifluoride	9.634	180	911223	203.504	ug/L		96
78) Chlorobenzene	9.598	112	1846018	193.954	ug/L		97
79) 4-Chlorobenzotrifluoride	9.689	180	815378	207.385	ug/L		99
80) 1,1,1,2-Tetrachloroethane	9.689	131	736125	228.944	ug/L		98
81) Ethylbenzene	9.726	106	954730	195.562	ug/L		99
82) (m+p)Xylene	9.842	106	2370228	400.748	ug/L		92
83) o-Xylene	10.201	106	1186618	202.328	ug/L		94
84) Styrene	10.213	104	2050871	209.753	ug/L		98
85) Bromoform	10.366	173	475747	267.342	ug/L		98
86) 2-Chlorobenzotrifluoride	10.451	180	875231	212.146	ug/L		98
87) Isopropylbenzene	10.537	105	2839064	199.183	ug/L		98
88) Cyclohexanone	10.610	55	4332080	3489.425	ug/L		98
89) trans-1,4-Dichloro-2-B...	10.860	53	427126	242.435	ug/L		97
91) 1,1,2,2-Tetrachloroethane	10.811	83	939540	201.291	ug/L		99
92) Bromobenzene	10.780	156	753353	197.757	ug/L		97
93) 1,2,3-Trichloropropane	10.835	110	314622	186.842	ug/L		99
94) n-Propylbenzene	10.896	91	3538215	198.543	ug/L		99
95) 2-Chlorotoluene	10.957	91	2099695	196.958	ug/L		99
96) 3-Chlorotoluene	11.012	91	2187551	199.386	ug/L		100
97) 4-Chlorotoluene	11.049	91	2480962	199.159	ug/L		98
98) 1,3,5-Trimethylbenzene	11.055	105	2579251	200.046	ug/L		96
99) tert-Butylbenzene	11.323	119	2273038	200.803	ug/L		99
100) 1,2,4-Trimethylbenzene	11.366	105	2590145	203.052	ug/L		94
101) 3,4-Dichlorobenzotrifl...	11.433	214	598201	210.028	ug/L		98
102) sec-Butylbenzene	11.506	105	3189685	199.033	ug/L		99
103) p-Isopropyltoluene	11.628	119	2806257	203.666	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

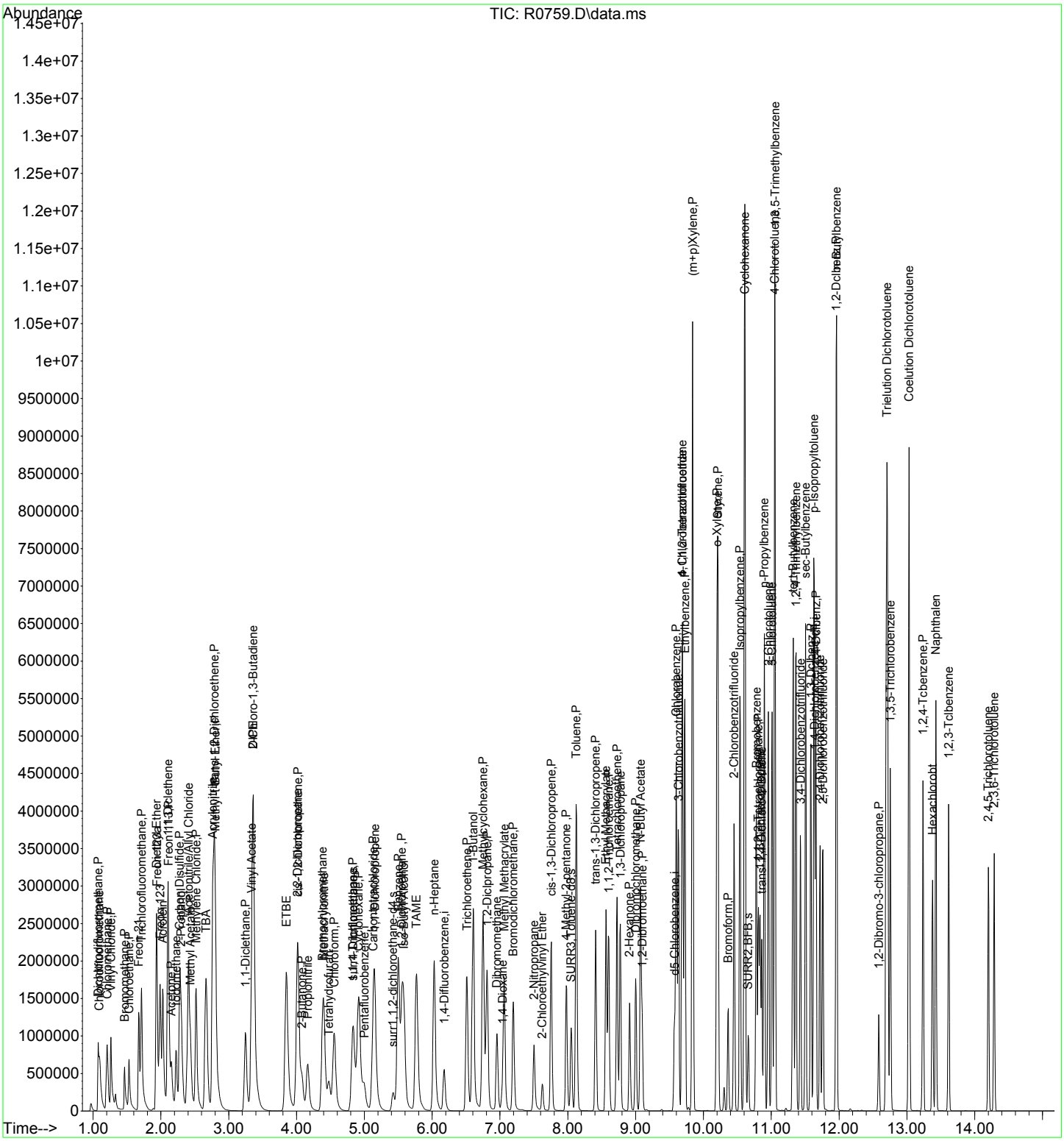
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.585	146	1455407	200.531	ug/L	97
105) 1,4-Dclbenz	11.658	146	1465262	196.782	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.719	214	541483	211.500	ug/L	97
107) 2,5-Dichlorobenzotrifl...	11.762	214	601791	212.261	ug/L	99
108) n-Butylbenzene	11.963	91	2467801	210.298	ug/L	100
109) 1,2-Dclbenz	11.957	146	1417335	201.336	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	234987	268.589	ug/L	95
111) Trielution Dichlorotol...	12.707	125	3986881	653.281	ug/L	99
112) 1,3,5-Trichlorobenzene	12.756	180	914876	214.015	ug/L	98
113) Coelution Dichlorotoluene	13.030	125	2824108	453.452	ug/L	99
114) 1,2,4-Tcbenzene	13.237	180	880519	229.750	ug/L	99
115) Hexachlorobt	13.378	225	363720	207.057	ug/L	99
116) Naphthalen	13.426	128	2942826	236.255	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	829076	231.887	ug/L	98
118) 2,4,5-Trichlorotoluene	14.201	159	632119	295.895	ug/L	98
119) 2,3,6-Trichlorotoluene	14.286	159	584731	294.286	ug/L	98

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

1st 03/13/25
2nd 03/13/25

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0759.D
Acq On : 12 Mar 2025 02:41 pm
Operator : K.Ruest
Sample : 200ppbMRL
Misc : WATER ICAL
ALS Vial : 10 Sample Multiplier: 1

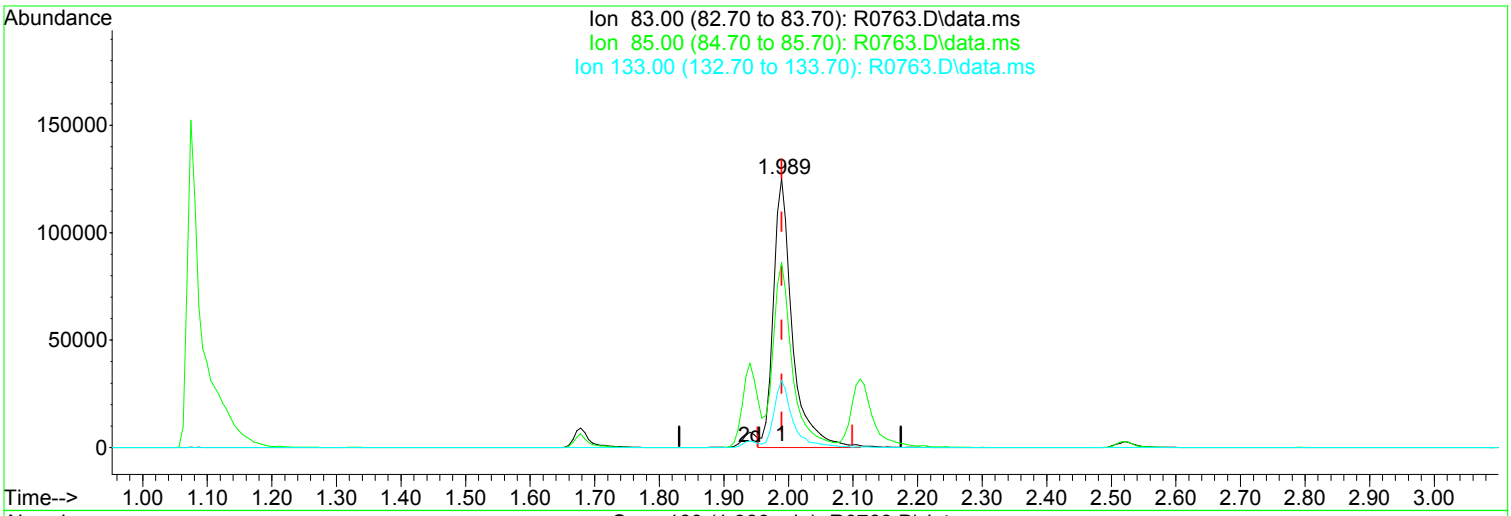
Quant Time: Mar 13 10:09:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 10:01:36 2025
Response via : Initial Calibration

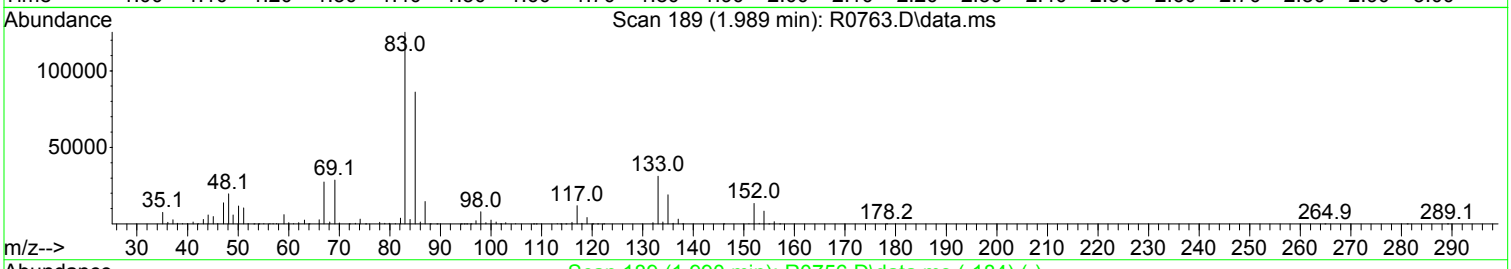


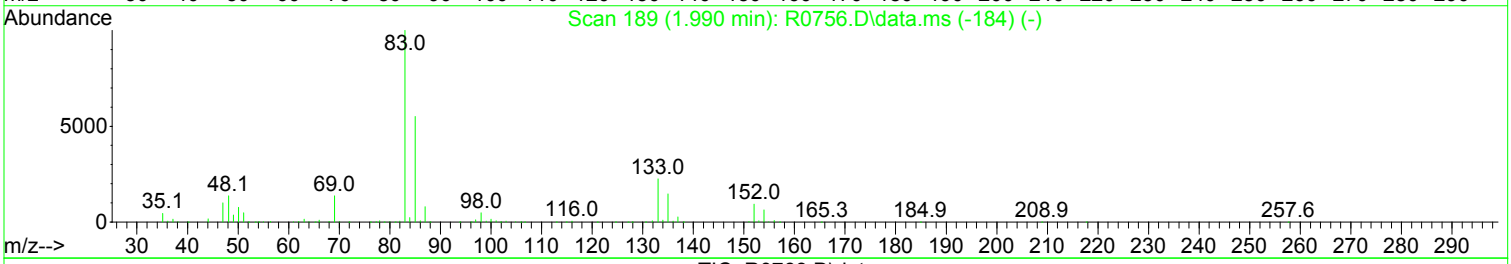
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration







TIC: R0763.D\data.ms

(12) Freon 123

1.989min (-0.000) 59.18 ug/L m

response 255230

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	66.70	68.75
133.00	23.10	24.95
0.00	0.00	0.00

Manual Integration:

After

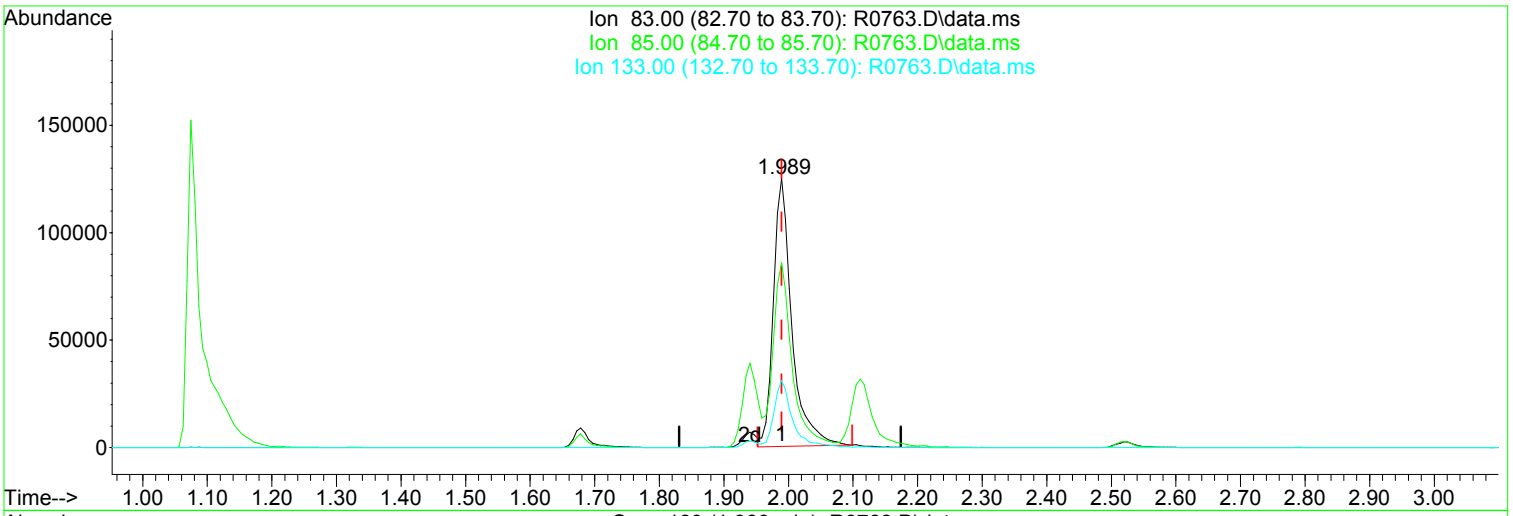
Poor integration.

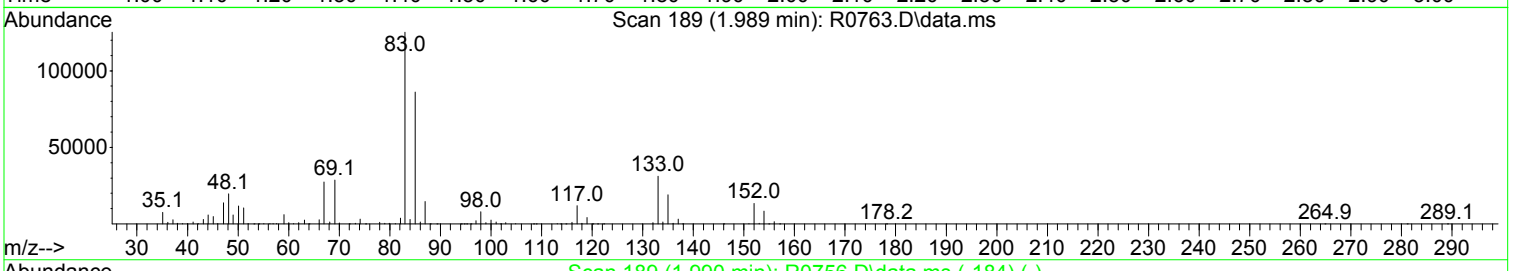
03/13/25

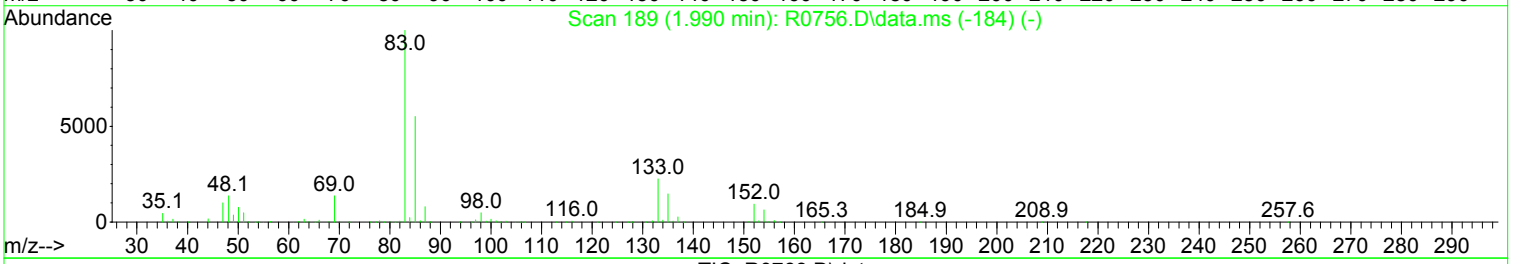
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031225\
Data File : R0763.D
Acq On : 12 Mar 2025 04:13 pm
Operator : K.Ruest
Sample : ICV-50
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 13 12:52:32 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 11:33:55 2025
Response via : Initial Calibration







TIC: R0763.D\data.ms

(12) Freon 123

1.989min (-0.000) 57.50 ug/L

response 247984

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	66.70	68.75
133.00	23.10	24.95
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Analysis: 8260+624 water | Analyst: KWest | pH strips: N/A | Tune Method: W03125

Date: 3/12/25 | Balance ID: N/A | ResCl strips: ↓ | Run Method: ↓

Instr. 17 | 50 mL Class A used for dilution FV | Syringes: 239797, 237329 | LIMS Run#: — ICAL —

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./			RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK										20047		
2	↓										20048		
3	TUNE			Atomx							20049	YT	(auto) whole peak · 10:36
1	1 BLK	5ppm	500ppm	5450	FV						20050	YB	
2	0.5ppb	.5mL	—	—	50mL						20051	Y	
3	1.0	1mL	—	—	↓						20052	Y	
4	2.0	2mL	—	—							20053	Y	
5	5.0	5mL	—	1mL							20054	Y	
6	20	—	4mL	2mL	100mL						20055	Y	
7	50	—	5mL	5mL	50mL						20056	Y	
8	100	—	10mL	10mL	↓						20057	Y	
9	150	—	15mL	20mL							20058	Y	
10	200	—	20mL	—	↓						20059	Y	
11	BLK										20060	—	
12	↓										20061	—	
13											20062	—	
14	ICV·50										20063	YB	
15	BLK										20064	—	

EOD
KR
3/13/25

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr :

Surrogate 50 : 240492

Internal Std 50 : 240493

Reagents:

500 → 1.0mL MeOH = 5ppm

Primary DCC : 239763
Primary Fr : 240376
Primary TB : 240385
Primary HSL : 240537
Primary 236 : 240252
JT

200 Secondary Fr : 240544 · 12.5uL
500 Secondary DCC : 239423
Secondary TB : 240387
Secondary HSL : 240309
Secondary 236 : 240255
JT

5mL → 50mL = ICV

ALS Group USA, Corp.

DBA ALS Environmetal

QC/QC Report

Date Analyzed: 3/12/25 10:36

ICAL Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA17\DATA\031225\R0749.D Analytical Method: 8260C/624.1

Instrument ID: R-MS-17

Target Mass	Relative to Mass	Lower Limit %	Upper Limit %	Relative Abundance %	Raw Abundance	Results Pass/Fail
50	95	15	40	28.9	55984	PASS
75	95	30	60	51.2	99256	PASS
95	95	100	100	100.0	193920	PASS
96	95	5	9	6.9	13386	PASS
173	174	0	2	1.1	1495	PASS
174	95	50	120	68.5	132864	PASS
175	174	5	9	7.3	9650	PASS
176	174	95	101	95.8	127264	PASS
177	176	5	9	6.6	8373	PASS

Sample Name	Lab Code	File ID:	Date Analyzes:	Q
IBLK	IBLK	I:\ACQUDATA\MSVOA17\Data\031225\R0750.D	3/12/25 11:13	
0.5ppbMRL	0.5ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0751.D	3/12/25 11:36	
1.0ppbMRL	1.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0752.D	3/12/25 11:59	
2.0ppbMRL	2.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0753.D	3/12/25 12:22	
5.0ppbMRL	5.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0754.D	3/12/25 12:46	
20ppbMRL	20ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0755.D	3/12/25 13:09	
50ppbMRL	50ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0756.D	3/12/25 13:32	
100ppbMRL	100ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0757.D	3/12/25 13:55	
150ppbMRL	150ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0758.D	3/12/25 14:18	
200ppbMRL	200ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0759.D	3/12/25 14:41	
ICV-50	ICV-50	I:\ACQUDATA\MSVOA17\Data\031225\R0763.D	3/12/25 16:13	

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500048-01	0.5ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0751.D	03/12/2025 11:36
02	RC2500048-02	1.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0752.D	03/12/2025 11:59
03	RC2500048-03	2.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0753.D	03/12/2025 12:22
04	RC2500048-04	5.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0754.D	03/12/2025 12:46
05	RC2500048-05	20ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0755.D	03/12/2025 13:09
06	RC2500048-06	50ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0756.D	03/12/2025 13:32
07	RC2500048-07	100ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0757.D	03/12/2025 13:55
08	RC2500048-08	150ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0758.D	03/12/2025 14:18
09	RC2500048-09	200ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0759.D	03/12/2025 14:41

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.7215	02	1.000	0.6556	03	2.000	0.7151	04	5.000	0.792
05	20.000	0.8409	06	50.000	0.7194	07	100.000	0.7935	08	150.000	0.7952
09	200.000	0.8215									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.9361	02	1.000	0.9625	03	2.000	1.009	04	5.000	1.069
05	20.000	1.137	06	50.000	0.9635	07	100.000	1.035	08	150.000	1.015
09	200.000	1.03									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.4765	02	1.000	0.4148	03	2.000	0.4603	04	5.000	0.4444
05	20.000	0.4803	06	50.000	0.4043	07	100.000	0.435	08	150.000	0.4342
09	200.000	0.4436									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.5006	05	20.000	0.4041	06	50.000	0.4364	07	100.000	0.4532
08	200.000	0.4363									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.3576	05	20.000	0.3079	06	50.000	0.3403	07	100.000	0.3375
08	200.000	0.3224									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.295	02	1.000	0.2775	03	2.000	0.2927	04	5.000	0.2952
05	20.000	0.2971	06	50.000	0.2394	07	100.000	0.2598	08	150.000	0.2587
09	200.000	0.2737									

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	1.311	05	20.000	1.062	06	50.000	1.167	07	100.000	1.181
08	200.000	1.125									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.3517	02	1.000	0.2968	03	2.000	0.3452	04	5.000	0.3323
05	20.000	0.3544	06	50.000	0.2944	07	100.000	0.317	08	150.000	0.3159
09	200.000	0.3308									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.5927	02	1.000	0.5535	03	2.000	0.666	04	5.000	0.6578
05	20.000	0.6979	06	50.000	0.5844	07	100.000	0.6347	08	150.000	0.6429
09	200.000	0.6695									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.5157	02	1.000	0.5016	03	2.000	0.5428	04	5.000	0.5537
05	20.000	0.5739	06	50.000	0.4826	07	100.000	0.5229	08	150.000	0.5181
09	200.000	0.5264									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.4853	02	1.000	0.4158	03	2.000	0.4882	04	5.000	0.5328
05	20.000	0.5133	06	50.000	0.4369	07	100.000	0.4736	08	150.000	0.4723
09	200.000	0.4757									

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	8.0	≤20	0.7616	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	6.0	≤20	1.017	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	5.8	≤20	0.4437	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	7.9	≤20	0.4461	
Dibromofluoromethane	SURR	Average RF	% RSD	5.7	≤20	0.3332	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	7.4	≤20	0.2766	0.200
Toluene-d8	SURR	Average RF	% RSD	7.9	≤20	1.169	
Trichloroethene (TCE)	TRG	Average RF	% RSD	6.8	≤20	0.3265	0.200
Vinyl Chloride	TRG	Average RF	% RSD	7.4	≤20	0.6333	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	5.2	≤20	0.5264	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.4771	0.100

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500048-10	ICV-50	I:\ACQUDATA\MSVOA17\Data\031225\R0763.D	03/12/2025 16:13

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	55.4	7.616E-1	8.441E-1	10.83	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.6	1.017E0	1.091E0	7.25	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	50.8	4.437E-1	4.507E-1	1.57	±30	Average RF
Tetrachloroethene (PCE)	50.0	52.7	2.766E-1	2.916E-1	5.43	±30	Average RF
Trichloroethene (TCE)	50.0	53.6	3.265E-1	3.501E-1	7.22	±30	Average RF
Vinyl Chloride	50.0	58.2	6.333E-1	7.374E-1	16.44	±30	Average RF
cis-1,2-Dichloroethene	50.0	52.6	5.264E-1	5.539E-1	5.22	±30	Average RF
trans-1,2-Dichloroethene	50.0	52.8	4.771E-1	5.04E-1	5.64	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	51.8	4.461E-1	4.623E-1	3.63	±30	Average RF
Dibromofluoromethane	50.0	49.8	3.332E-1	3.317E-1	-0.438	±30	Average RF
Toluene-d8	50.0	49.8	1.169E0	1.163E0	-0.498	±30	Average RF

Client: Verina Consulting Group, LLC
Project: Dover-Binghamton/5101.0003

Service Request: R2502494
Date Analyzed: 03/13/25 11:05

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\
Signal ID: 1

Calibration Date: 3/12/2025
Calibration ID: RC2500048
Analysis Lot: 872635
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	47.0	0.7616	0.7155	-6.1	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	45.3	1.0174	0.9213	-9.4	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	44.3	0.4437	0.3933	-11.4	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	42.1	0.2766	0.2326	-15.9	NA	±20	Average RF
Trichloroethene (TCE)	50.0	43.9	0.3265	0.2864	-12.3	NA	±20	Average RF
Vinyl Chloride	50.0	44.7	0.6333	0.5657	-10.7	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	43.7	0.5264	0.4601	-12.6	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	44.6	0.4771	0.4251	-10.9	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.8	0.4461	0.4529	1.5	NA	±20	Average RF
Dibromofluoromethane	50.0	51.4	0.3332	0.3421	2.7	NA	±20	Average RF
Toluene-d8	50.0	51.1	1.1693	1.1942	2.1	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**872635
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\	Continuing Calibration Verification	RQ2502780-01	3/13/2025	11:05:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0769.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	11:38:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0770.D\	Lab Control Sample	RQ2502780-03	3/13/2025	12:01:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0772.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	12:48:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0773.D\	Method Blank	RQ2502780-05	3/13/2025	13:11:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0774.D\	FB-031125	R2502494-009	3/13/2025	13:43:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0775.D\	TB-031125	R2502494-010	3/13/2025	14:06:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0776.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	14:29:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0777.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	14:53:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0778.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	15:16:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0779.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	15:39:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0782.D\	MW-14-031125	R2502494-001	3/13/2025	16:48:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0783.D\	MW-13-031125	R2502494-002	3/13/2025	17:11:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0784.D\	MW-10-031125	R2502494-005	3/13/2025	17:34:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0785.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	17:57:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0786.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	18:20:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0787.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	18:43:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0788.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	19:06:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0789.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	19:29:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0790.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	19:52:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0792.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	20:38:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0793.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:01:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0794.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:24:00	

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**872635
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\031325\R0795.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:47:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0796.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	22:10:00	

Analysis: 5760/624 | Analyst: KRuest | pH strips: 224924 | Tune Method: W03225

Date: 3/13/25 | Balance ID: 2/A | ResCl strips: N/A | Run Method: ↓

Instr. 17 | 50 mL Class A used for dilution FV | Syringes: 238797 | LIMS Run#: 872635

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK								R0765		
2	↓								R0766		
3	TUNE								R0767	YT	(auto) 10:32 - not reached
1	CCV		R025 02780 · 01						R0768	YL	(11:05)
1	LCS · MP		02						R0769	YD	
2	LCS · FP		03						R0770	YD	
3	BLK		—						R0771	(N)	npt c/o
4	MBLK · MP		04						R0772	YB	
5	MBLK · FP		05	26399 60					R0773	YD	
1	R2502494 · 009		(MD) 20576	~~26399~~	1	N	N/A	12	R0774	Y	
2	010				1			12	R0775	Y	
3	008		(MD) 20576		1			(2)	R0776	~	
4	004				1			(2)	R0777	Y	
5	007				1			(2)	R0778	Y	
6	005				1			(2)	R0779	(Y)	npt (2) TCE
7	006	10	5/50mL		1			—	R0780	(N)	(matrix) POS c/o npt (5)
8	BLK	—						—	R0781	—	
9	001			26399	1	N	N/A	12	R0782	Y	
10	002				1			12	R0783	~	
11	005				1			12	R0784	Y	
12	R2502509 · 002			26402	1			12	R0785	(Y)	npt (5) PCE
13	↓ 001	2.5	20/50mL	↓	1			12	R0786	(Y)	npt (5) ↓
14	R2502488 · 002			26408	1			12	R0787	Y	
15	R2502494 · 006	5.0	10/50mL (MD)	~~26399~~	2			(2)	~~R0788~~	Y	Foamy/sediment R0785 (FR)
16	↓ 006	2.0	25/50mL	26516	2			(2)	~~R0789~~	(Y)	(DD) TCE R0789
17	R2502488 · 004			26408	1			12	R0790	Y	
18	↓ 001	2.5	20/50mL	↓	1			12	R0791	(N)	npt (1)
19	003	2.5	↓		1			12	R0792	Y	(OK)
20	R2502509 · 001	5.0	10/50mL	26402	2			12	R0793	(Y)	DL
21	002	5.0			2			12	R0794	(Y)	(DL)
22	↓ MS 002	5.0			2			12	R0795	YD	
23	↓ MSD 002	5.0	↓	↓	2			12	R0796	YD	22:10 ✓

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr :

Surrogate 5D : 240492

Internal Std 4D : 240493

Reagents:

500 Primary CCC : 239763

Primary FR : 240376

Primary TB : 240385 5uL → 50mL

Primary HSL : 240537 = CCV

Primary 2B : 240252

200 Secondary FR : 240544 · 5uL

500 Secondary CCC : 239423

Secondary TB : 240387 2uL → 50mL = LCS

Secondary HSL : 240309

Secondary 2B : 240255

-10.8mL → 4.3mL

4.3mL vial = MSD

24) BLK · R2093

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Runlog-MSVOAr5 1/11/22

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-8-031125	**Units:**	ug/L
Lab Code:	R2502494-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.9**		1.0	0.20	1	03/13/25 14:29	
1,1-Dichloroethane (1,1-DCA)	**2.7**		1.0	0.20	1	03/13/25 14:29	
1,1-Dichloroethene (1,1-DCE)	**1.5**		1.0	0.20	1	03/13/25 14:29	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 14:29	
Trichloroethene (TCE)	**170**		1.0	0.20	1	03/13/25 14:29	
Vinyl Chloride	**0.31**	**J**	1.0	0.20	1	03/13/25 14:29	
cis-1,2-Dichloroethene	**67**		1.0	0.23	1	03/13/25 14:29	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 14:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/13/25 14:29	
Dibromofluoromethane	98	80 - 116	03/13/25 14:29	
Toluene-d8	96	87 - 121	03/13/25 14:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:40
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-9-031125	**Units:**	ug/L
Lab Code:	R2502494-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.20	1	03/13/25 14:53	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	03/13/25 14:53	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	03/13/25 14:53	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 14:53	
Trichloroethene (TCE)	**4.5**		1.0	0.20	1	03/13/25 14:53	
Vinyl Chloride	1.0	U	1.0	0.20	1	03/13/25 14:53	
cis-1,2-Dichloroethene	**0.25**	**J**	1.0	0.23	1	03/13/25 14:53	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 14:53	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	03/13/25 14:53	
Dibromofluoromethane	100	80 - 116	03/13/25 14:53	
Toluene-d8	101	87 - 121	03/13/25 14:53	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 16:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-16-031125	**Units:**	ug/L
Lab Code:	R2502494-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**6.6**	5.0	1.0	5	03/13/25 19:06	
1,1-Dichloroethane (1,1-DCA)	**18**	5.0	1.0	5	03/13/25 19:06	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1.0	5	03/13/25 19:06	
Tetrachloroethene (PCE)	**2.2 J**	5.0	1.1	5	03/13/25 19:06	
Trichloroethene (TCE)	**1.5 J**	5.0	1.0	5	03/13/25 19:06	
Vinyl Chloride	5.0 U	5.0	1.0	5	03/13/25 19:06	
cis-1,2-Dichloroethene	**5.0**	5.0	1.2	5	03/13/25 19:06	
trans-1,2-Dichloroethene	5.0 U	5.0	1.0	5	03/13/25 19:06	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 19:06	
Dibromofluoromethane	99	80 - 116	03/13/25 19:06	
Toluene-d8	101	87 - 121	03/13/25 19:06	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 17:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-17-031125	**Units:**	ug/L
Lab Code:	R2502494-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0	U	1.0	0.20	1	03/13/25 15:16	
1,1-Dichloroethane (1,1-DCA)	**1.7**		1.0	0.20	1	03/13/25 15:16	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	03/13/25 15:16	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 15:16	
Trichloroethene (TCE)	**0.60**	**J**	1.0	0.20	1	03/13/25 15:16	
Vinyl Chloride	1.0	U	1.0	0.20	1	03/13/25 15:16	
cis-1,2-Dichloroethene	**0.62**	**J**	1.0	0.23	1	03/13/25 15:16	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	03/13/25 15:16	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/25 15:16	
Dibromofluoromethane	98	80 - 116	03/13/25 15:16	
Toluene-d8	98	87 - 121	03/13/25 15:16	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**2.1**		1.0	0.20	1	03/13/25 15:39	
1,1-Dichloroethane (1,1-DCA)	**2.9**		1.0	0.20	1	03/13/25 15:39	
1,1-Dichloroethene (1,1-DCE)	**1.8**		1.0	0.20	1	03/13/25 15:39	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	03/13/25 15:39	
Trichloroethene (TCE)	**210**	**E**	1.0	0.20	1	03/13/25 15:39	
Vinyl Chloride	**0.49**	**J**	1.0	0.20	1	03/13/25 15:39	
cis-1,2-Dichloroethene	**83**		1.0	0.23	1	03/13/25 15:39	
trans-1,2-Dichloroethene	**0.25**	**J**	1.0	0.20	1	03/13/25 15:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	03/13/25 15:39	
Dibromofluoromethane	100	80 - 116	03/13/25 15:39	
Toluene-d8	100	87 - 121	03/13/25 15:39	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

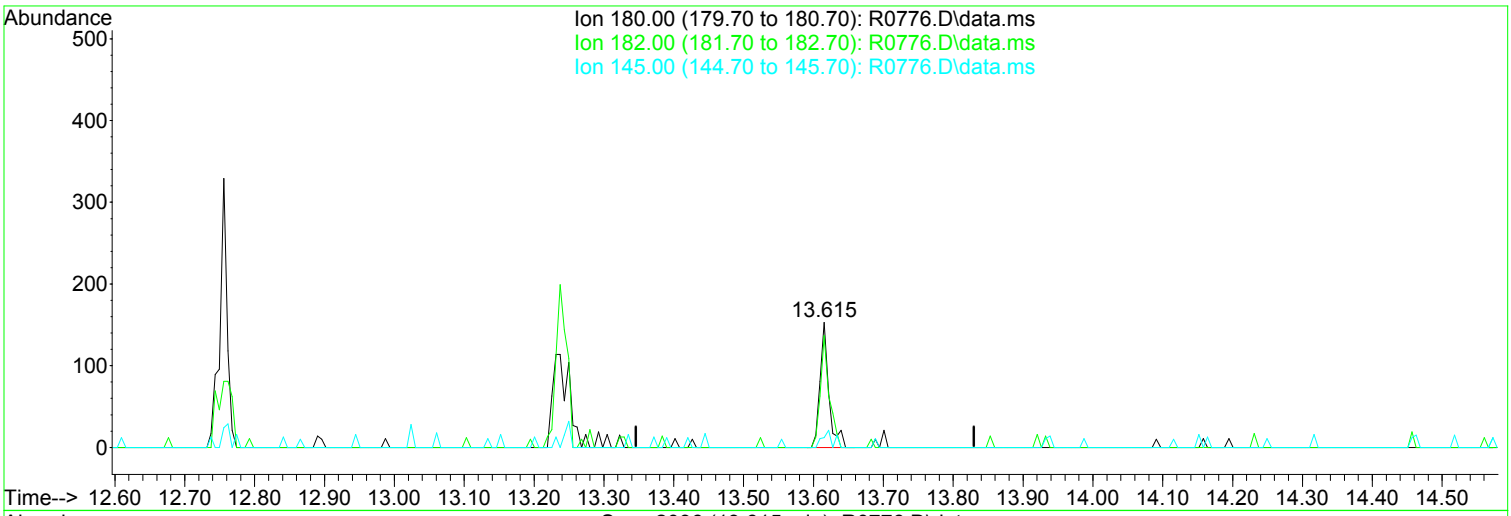
Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.9**	**DJ**	2.0	0.40	2	03/13/25 19:29	
1,1-Dichloroethane (1,1-DCA)	**2.6**	**D**	2.0	0.40	2	03/13/25 19:29	
1,1-Dichloroethene (1,1-DCE)	**1.8**	**DJ**	2.0	0.40	2	03/13/25 19:29	
Tetrachloroethene (PCE)	**0.50**	**DJ**	2.0	0.42	2	03/13/25 19:29	
Trichloroethene (TCE)	**200**	**D**	2.0	0.40	2	03/13/25 19:29	
Vinyl Chloride	**0.42**	**DJ**	2.0	0.40	2	03/13/25 19:29	
cis-1,2-Dichloroethene	**81**	**D**	2.0	0.46	2	03/13/25 19:29	
trans-1,2-Dichloroethene	2.0	U	2.0	0.40	2	03/13/25 19:29	

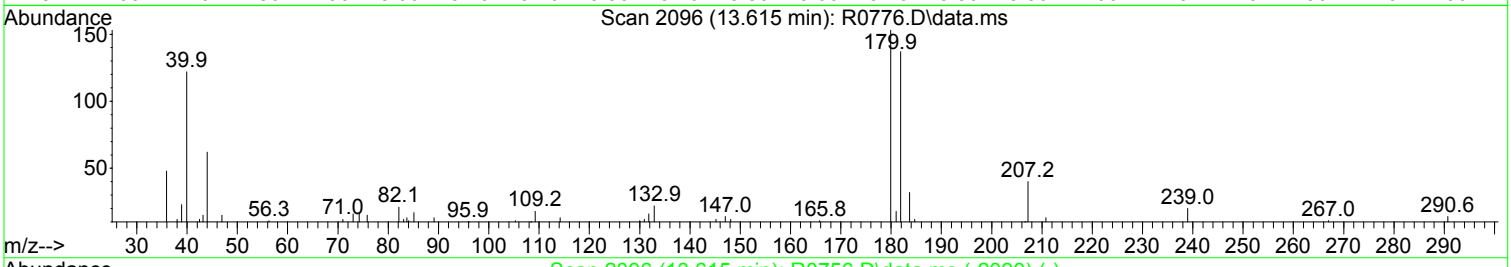
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/25 19:29	
Dibromofluoromethane	100	80 - 116	03/13/25 19:29	
Toluene-d8	101	87 - 121	03/13/25 19:29	

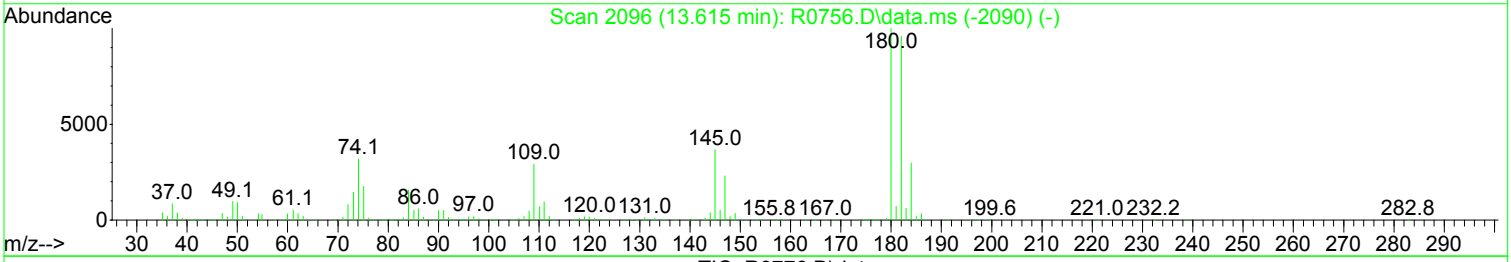
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0776.D\data.ms

(117) 1,2,3-Tclbenzene

13.615min (+ 0.000) 0.25 ug/L m

response 135

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	96.00	89.54
145.00	36.70	7.84#
0.00	0.00	0.00

Manual Integration:

After

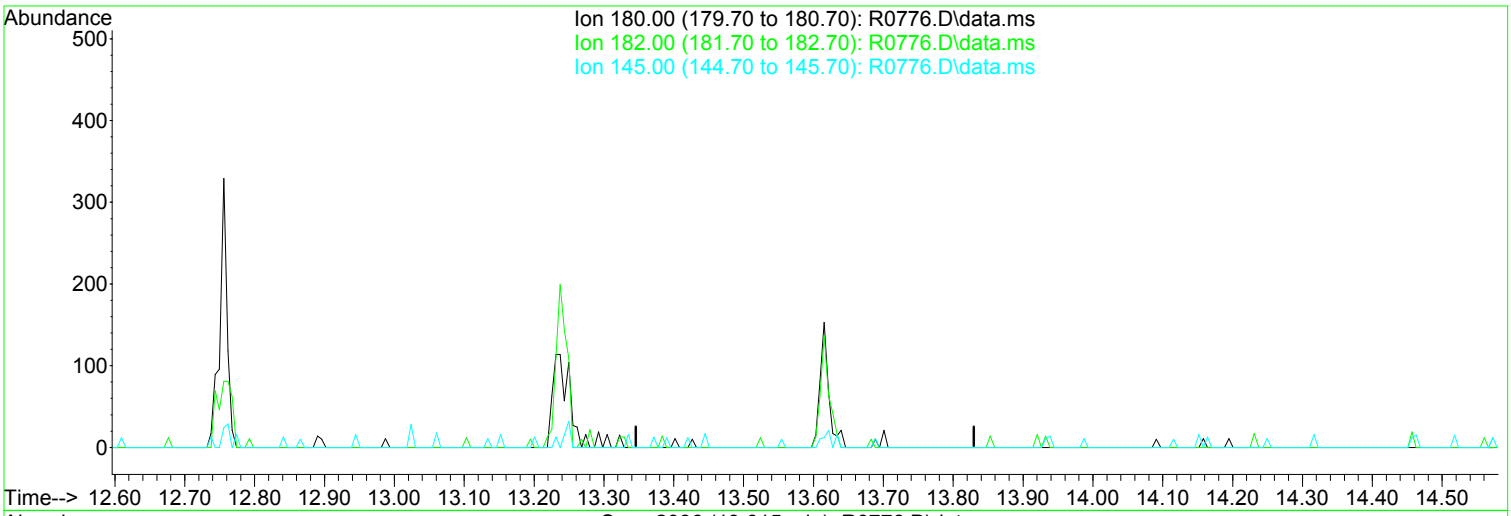
Peak not found.

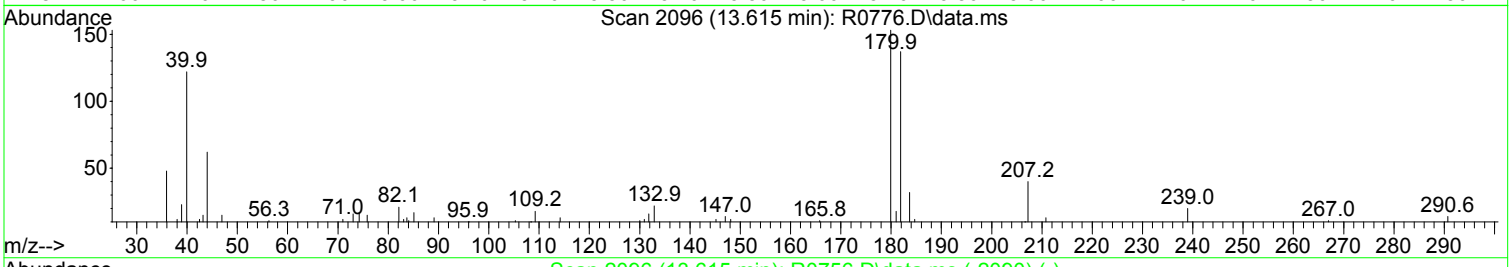
03/17/25

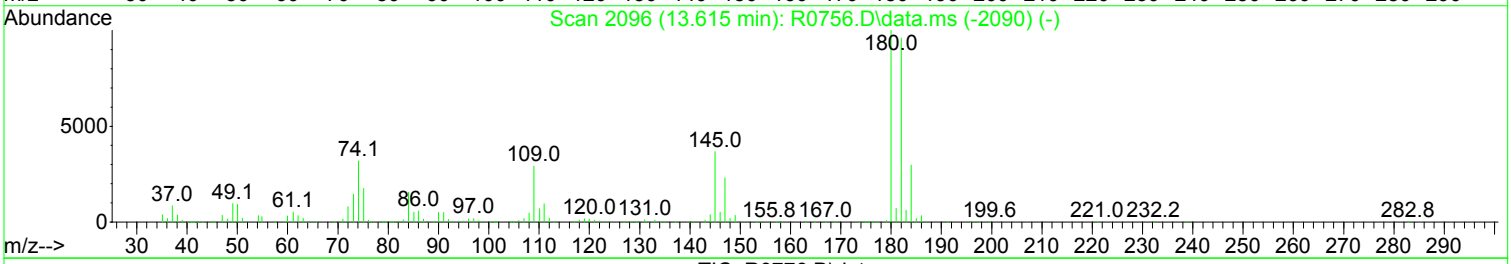
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
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Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0776.D\data.ms

(117) 1,2,3-Tclbenzene

13.615min (-13.615) 0.00 ug/L

response 0

Ion	Exp%	Act%
180.00	100.00	0.00
182.00	96.00	0.00#
145.00	36.70	0.00#
0.00	0.00	0.00

Manual Integration:

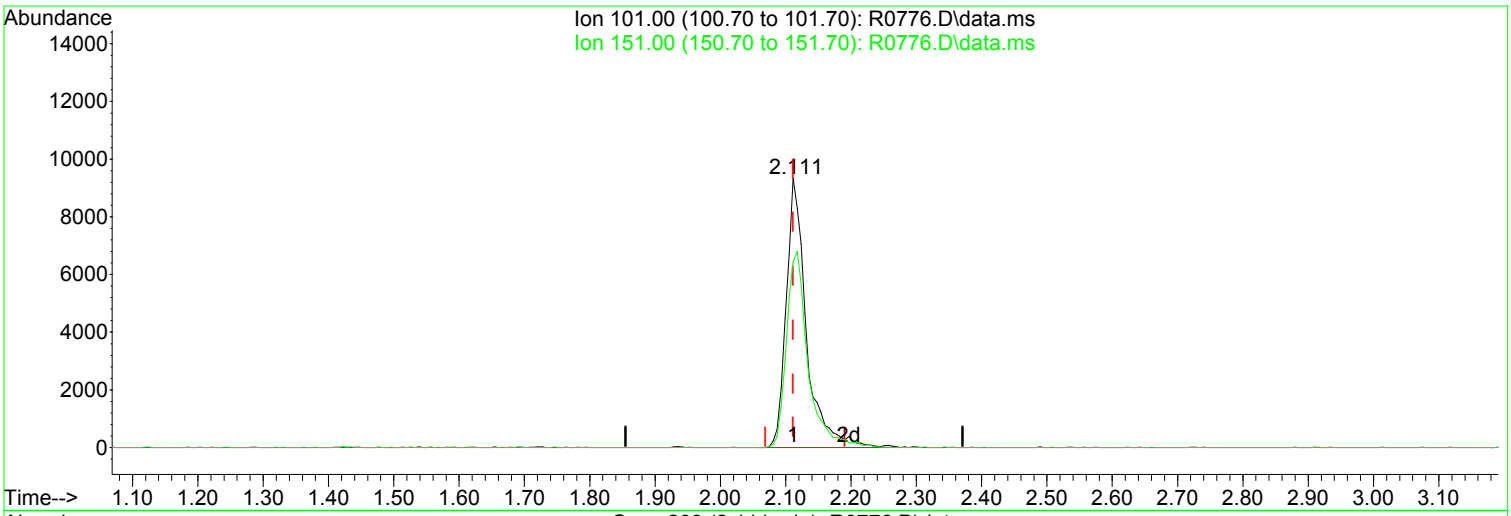
Before

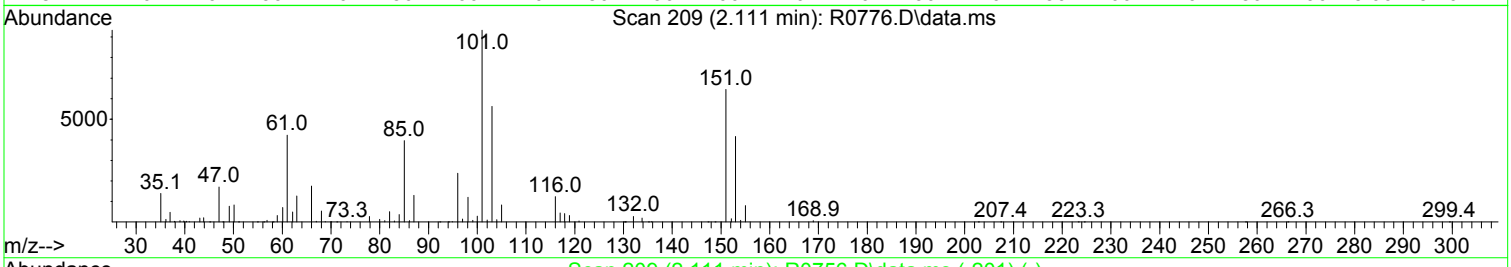
03/17/25

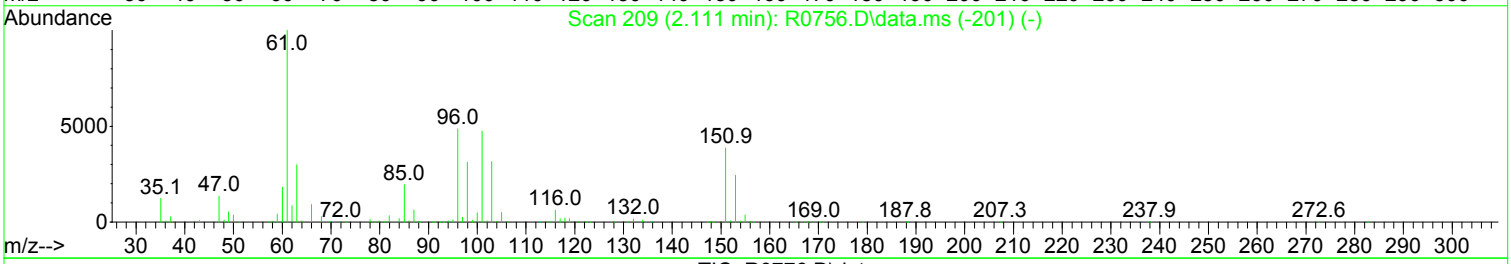
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0776.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 6.44 ug/L m

response 20108

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	69.14
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

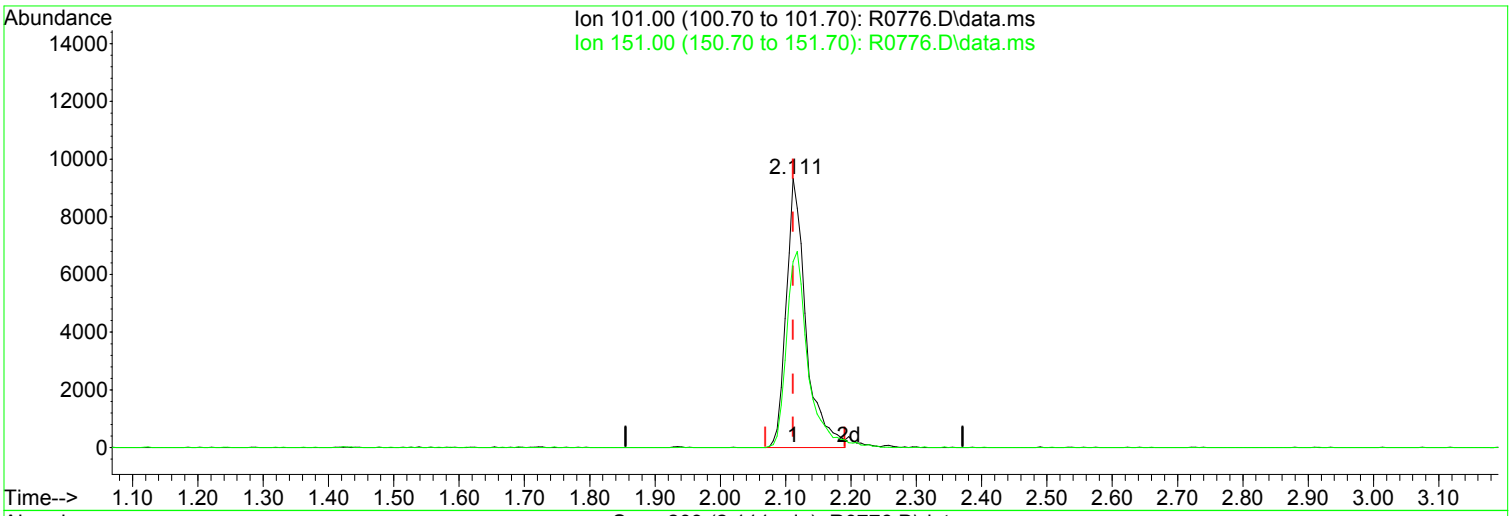
Poor integration.

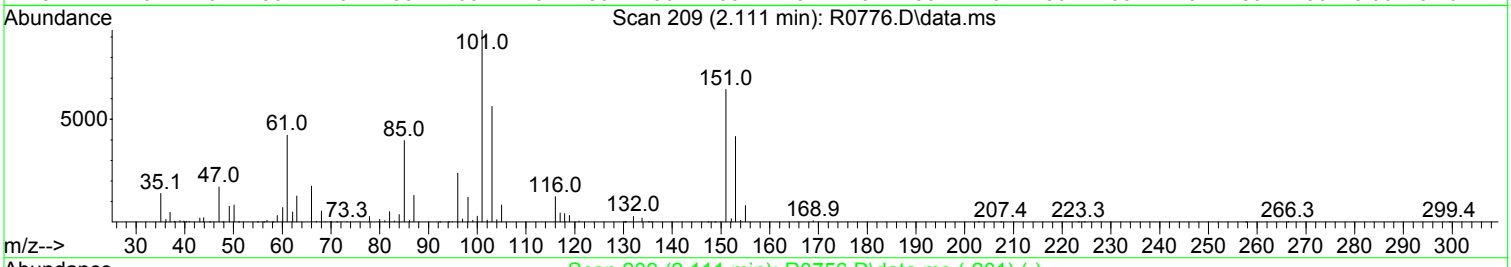
03/17/25

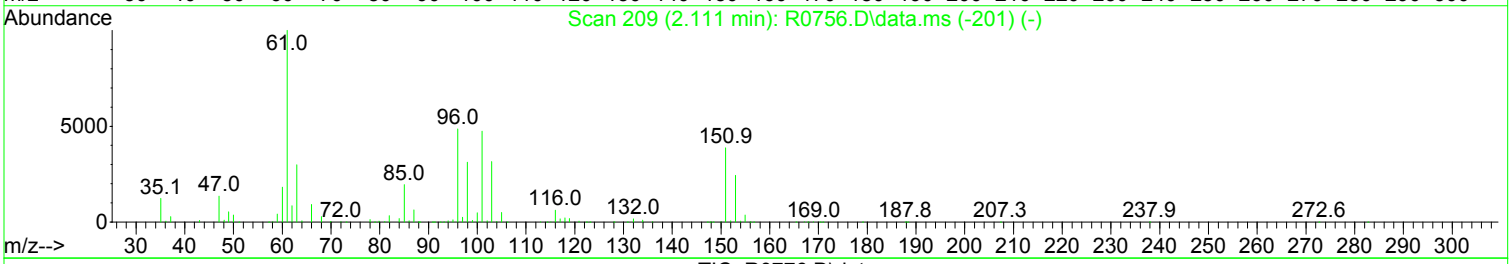
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0776.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 6.27 ug/L

response 19582

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	69.14
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

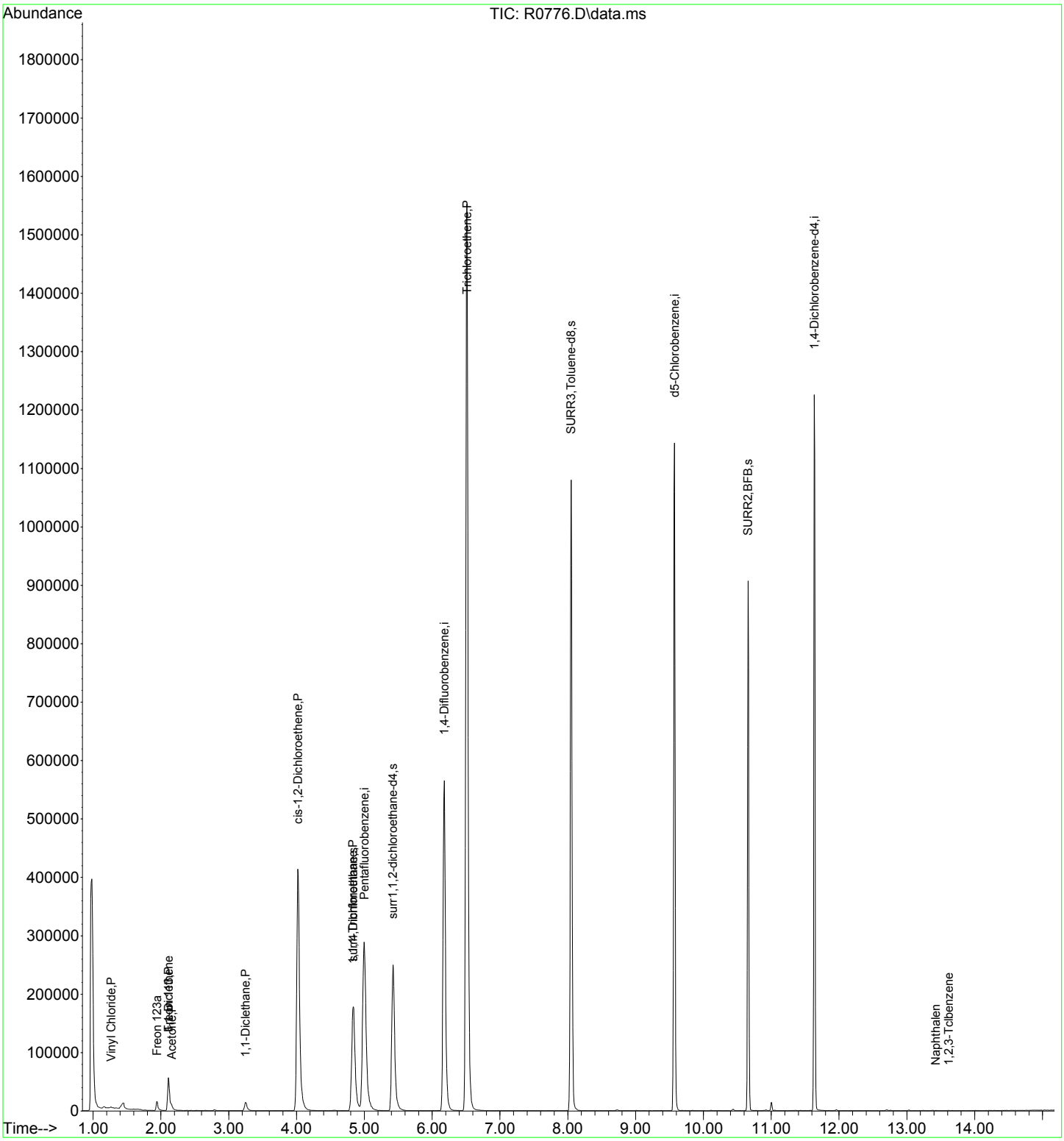
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	332689	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	559917	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	474853	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	220672	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	182371	48.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 97.76%			
47) surr1,1,2-dichloroetha...	5.422	65	268785	51.03	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 102.06%			
64) SURR3,Toluene-d8	8.049	98	629504	48.08	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 96.16%			
69) SURR2,BFB	10.659	95	232311	46.50	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 93.00%			
Target Compounds						Qvalue
5) Vinyl Chloride	1.270	62	1318	0.313	ug/L #	23
11) Freon 123a	1.941	67	8310	2.423	ug/L	96
14) 1,1-Diclethene	2.111	96	4411	1.494	ug/L #	78
15) Freon 113	2.111	101	20108m	6.441	ug/L	
16) Acetone	2.160	43	6308	2.199	ug/L	93
27) 1,1-Diclethane	3.245	63	18206	2.690	ug/L	93
33) cis-1,2-Dichloroethene	4.020	96	235375	67.199	ug/L #	84
40) 1,1,1-Trichloroethane	4.830	97	9762	1.926	ug/L	93
53) Trichloroethene	6.513	130	609123	166.603	ug/L	99
116) Naphthalen	13.426	128	407	0.531	ug/L	77
117) 1,2,3-Tclbenzene	13.615	180	135m	0.246	ug/L	

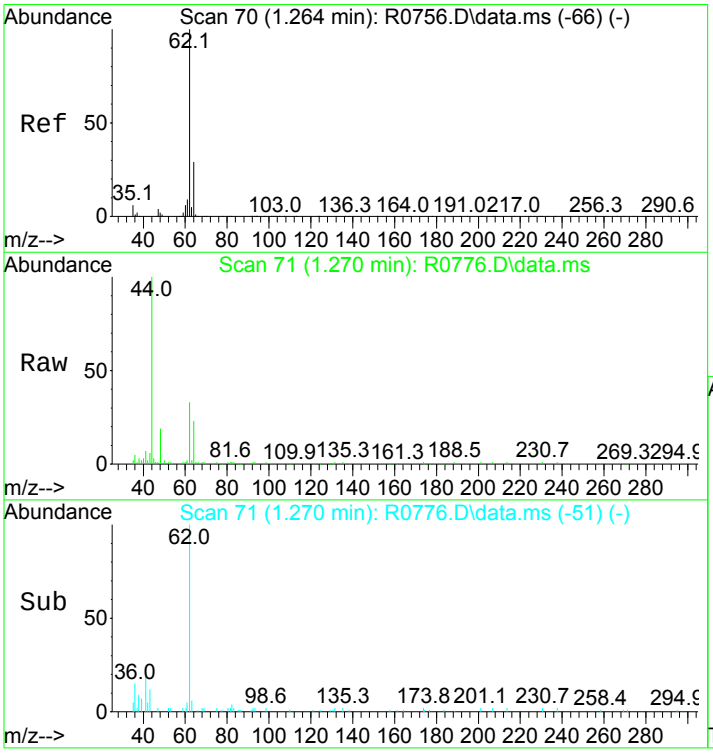
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0776.D
Acq On : 13 Mar 2025 02:29 pm
Operator : K.Ruest
Sample : R2502494-003
Misc : VERINA 8260 T4
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 13 17:01:59 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

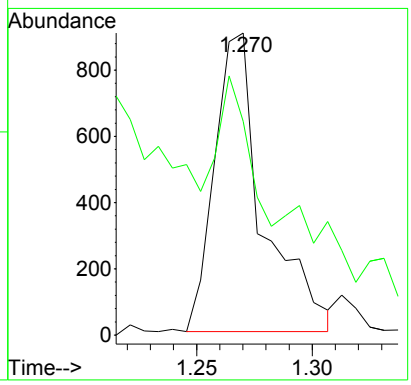


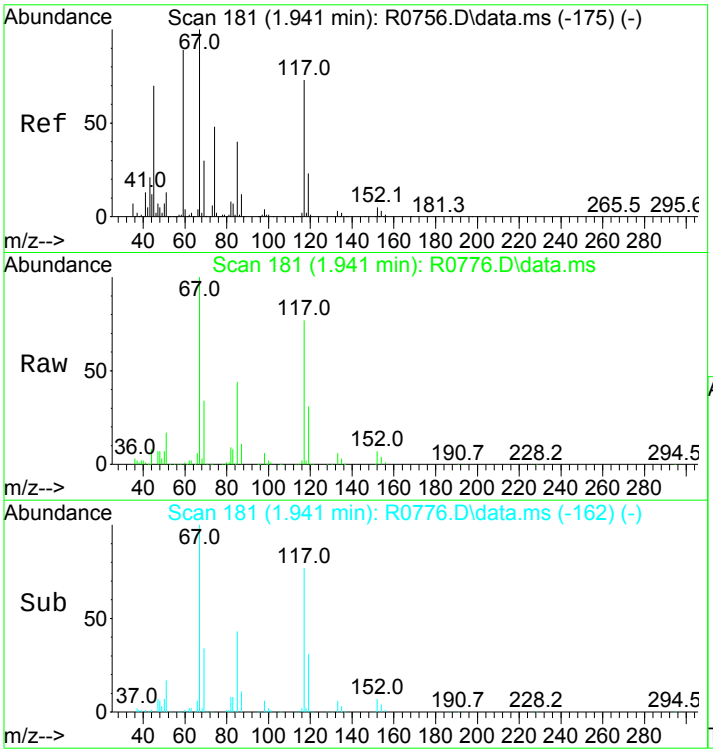


#5
Vinyl Chloride
Concen: 0.31 ug/L
RT: 1.270 min Scan# 71
Delta R.T. 0.006 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 62 Resp: 1318

Ion	Ratio	Lower	Upper
62	100		
64	70.7	9.5	49.5#

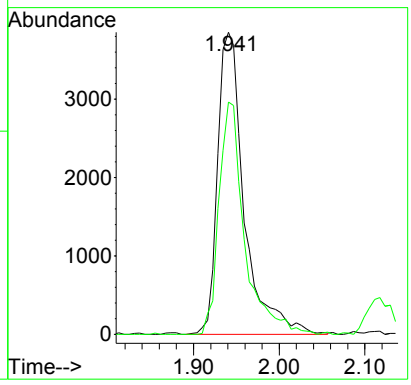


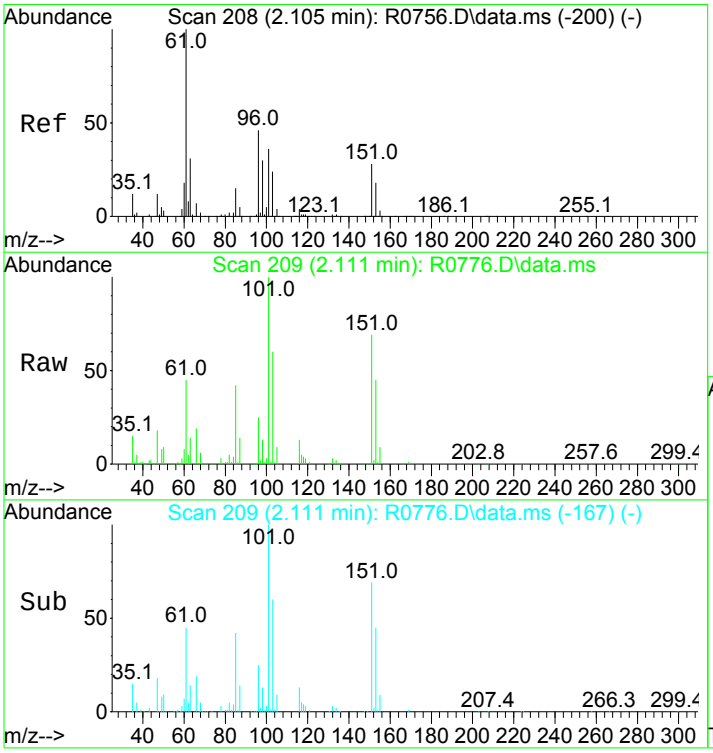


#11
Freon 123a
Concen: 2.42 ug/L
RT: 1.941 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 67 Resp: 8310

Ion	Ratio	Lower	Upper
67	100		
117	76.9	53.9	93.9

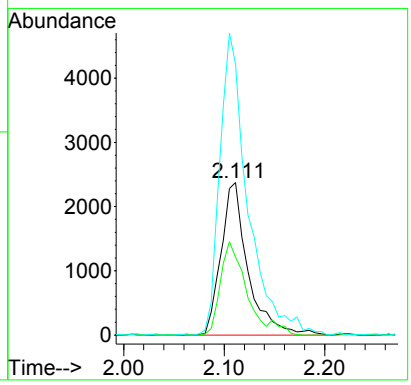


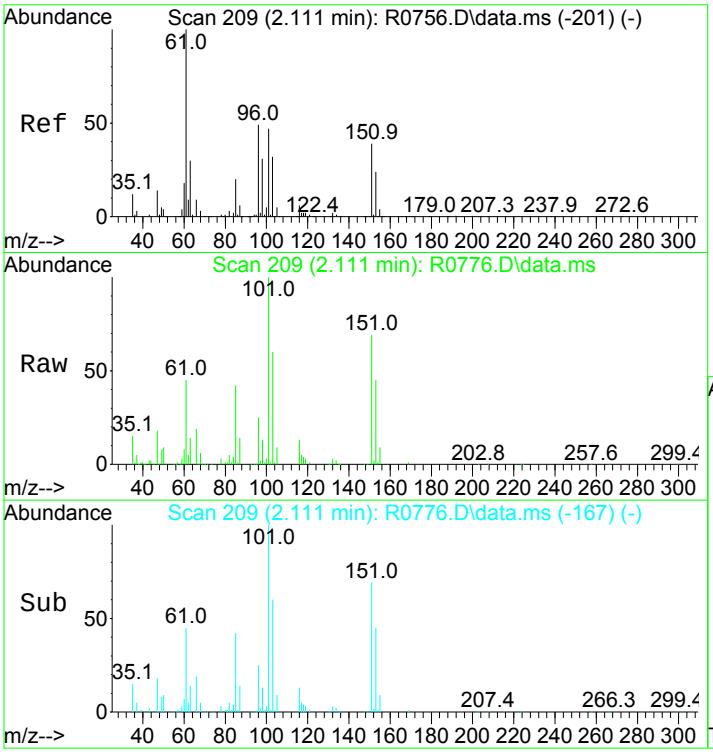


#14
1,1-Diclethene
Concen: 1.49 ug/L
RT: 2.111 min Scan# 209
Delta R.T. 0.006 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 96 Resp: 4411

Ion	Ratio	Lower	Upper
96	100		
98	51.1	44.1	84.1
61	177.6	196.1	236.1#

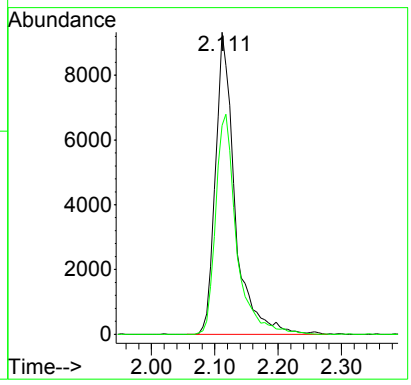


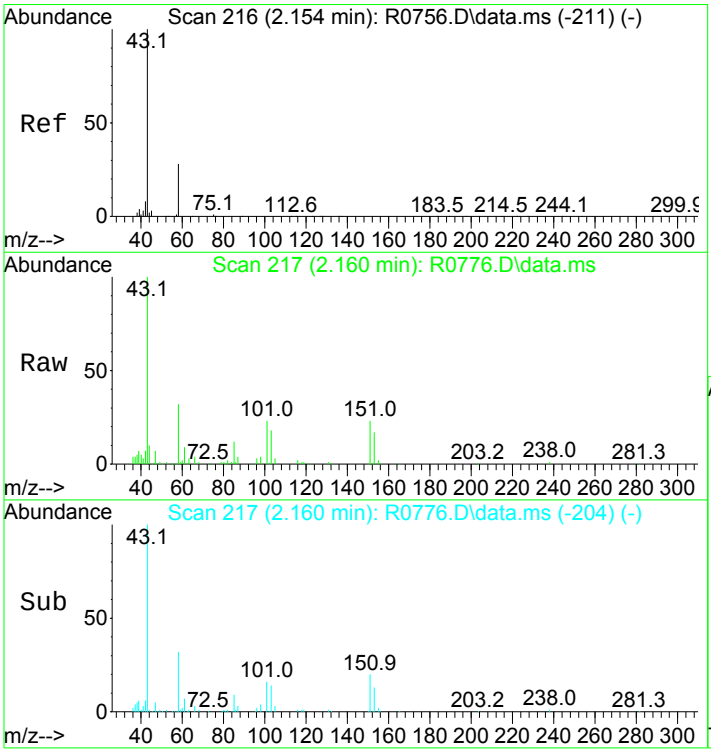


#15
Freon 113
Concen: 6.44 ug/L m
RT: 2.111 min Scan# 209
Delta R.T. -0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion:101 Resp: 20108

Ion	Ratio	Lower	Upper
101	100		
151	69.1	61.7	101.7

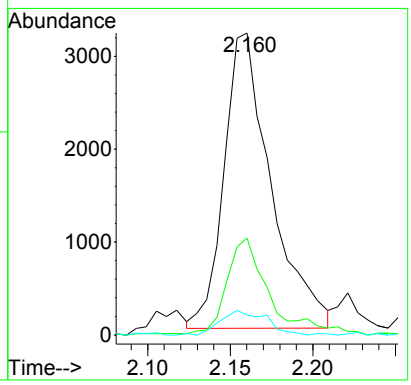


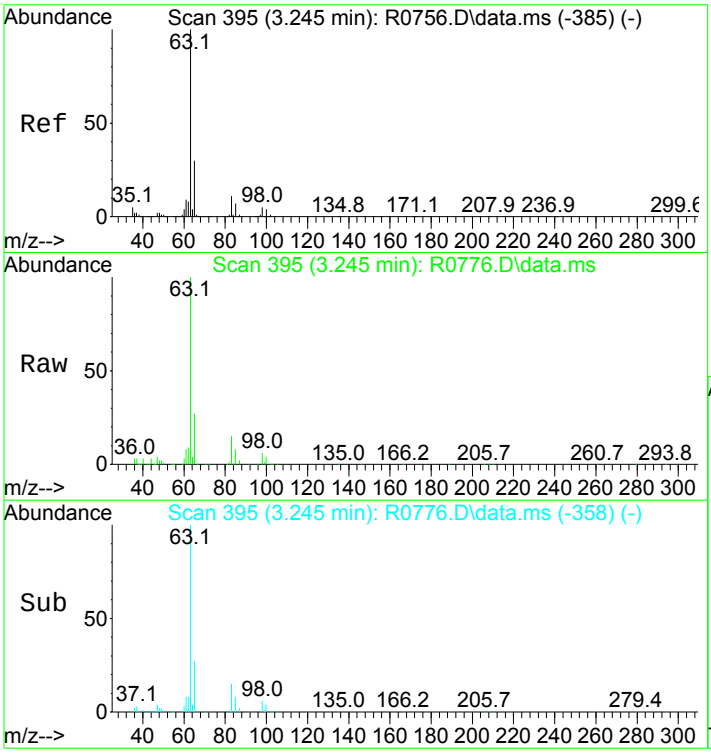


#16
Acetone
Concen: 2.20 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 43 Resp: 6308

Ion	Ratio	Lower	Upper
43	100		
58	32.1	8.0	48.0
42	6.6	0.0	27.8

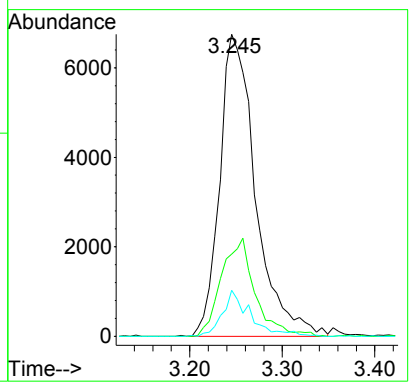


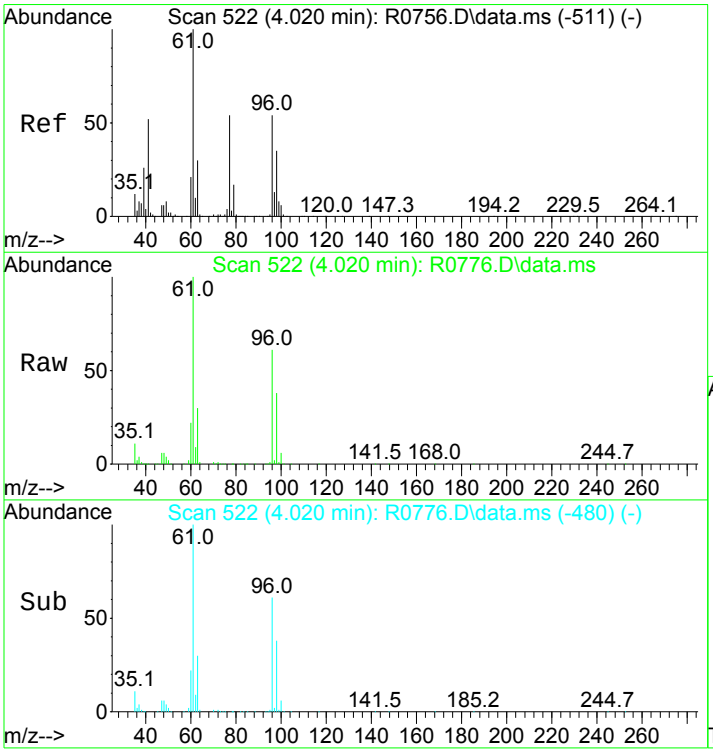


#27
1,1-Diclethane
Concen: 2.69 ug/L
RT: 3.245 min Scan# 395
Delta R.T. -0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 63 Resp: 18206

Ion	Ratio	Lower	Upper
63	100		
65	27.2	9.9	49.9
83	15.3	0.0	31.2

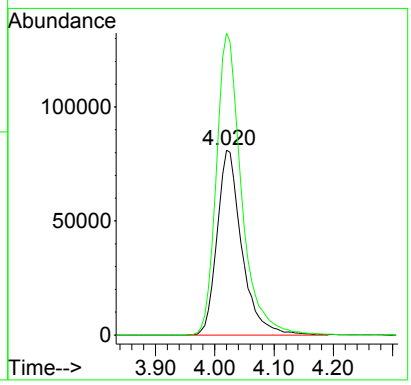


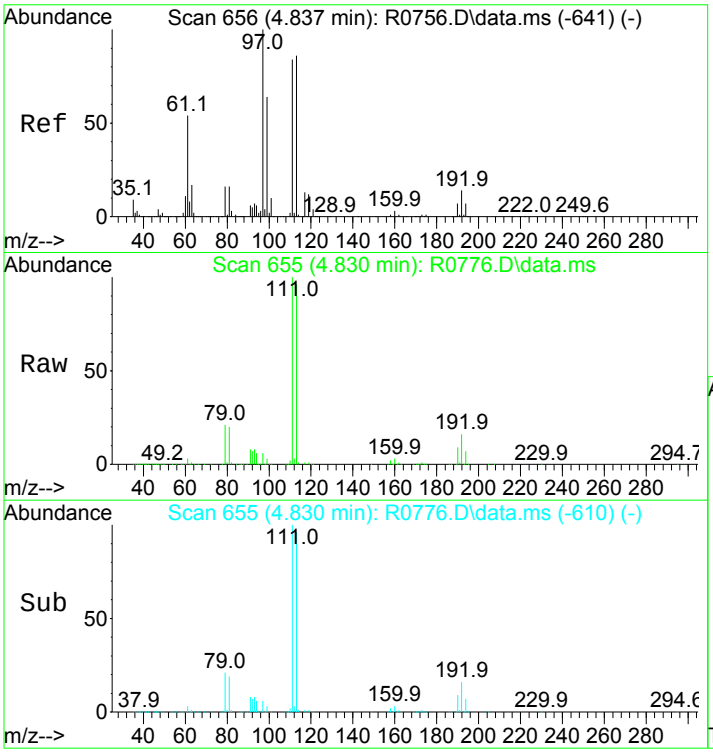


#33
cis-1,2-Dichloroethene
Concen: 67.20 ug/L
RT: 4.020 min Scan# 522
Delta R.T. -0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 96 Resp: 235375

Ion	Ratio	Lower	Upper
96	100		
61	163.3	166.8	206.8#

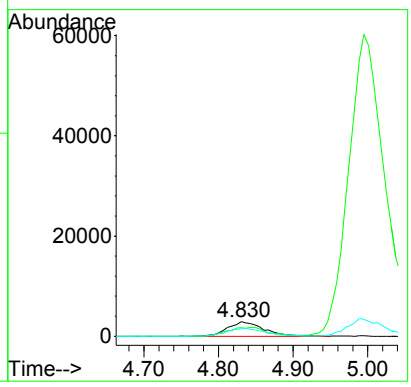


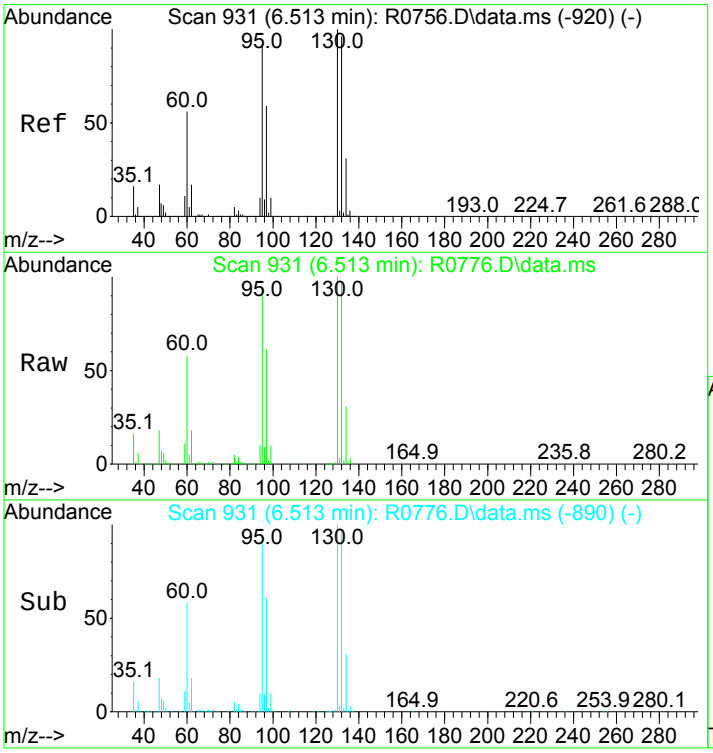


#40
1,1,1-Trichloroethane
Concen: 1.93 ug/L
RT: 4.830 min Scan# 655
Delta R.T. -0.006 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion: 97 Resp: 9762

Ion	Ratio	Lower	Upper
97	100		
99	57.7	43.6	83.6
61	49.8	33.6	73.6

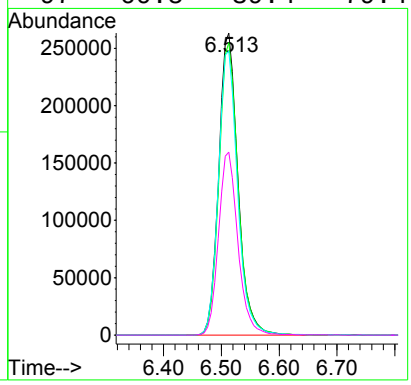


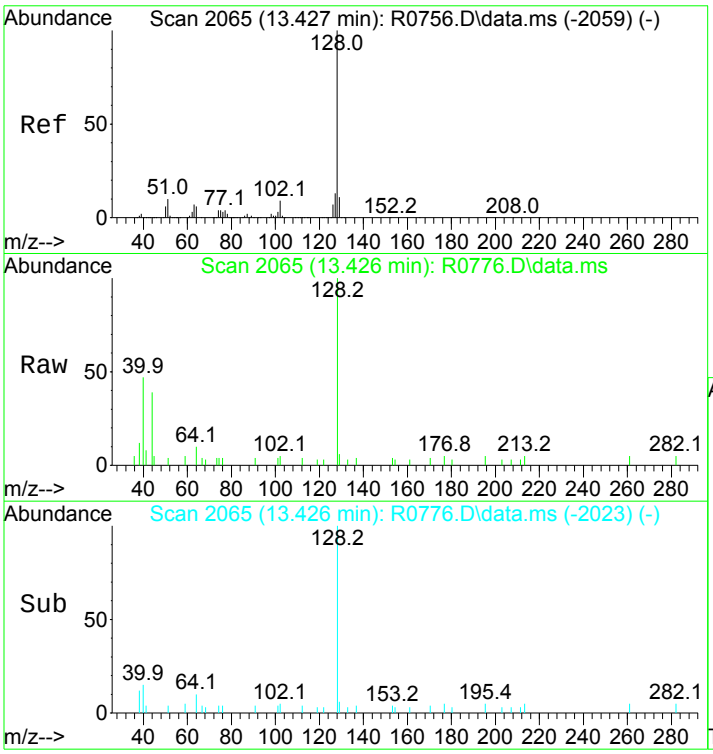


#53
Trichloroethene
Concen: 166.60 ug/L
RT: 6.513 min Scan# 931
Delta R.T. -0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion:130 Resp: 609123

Ion	Ratio	Lower	Upper
130	100		
132	96.8	76.4	116.4
95	94.1	72.1	112.1
97	60.5	39.4	79.4

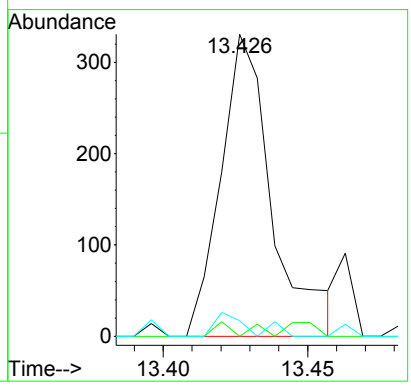


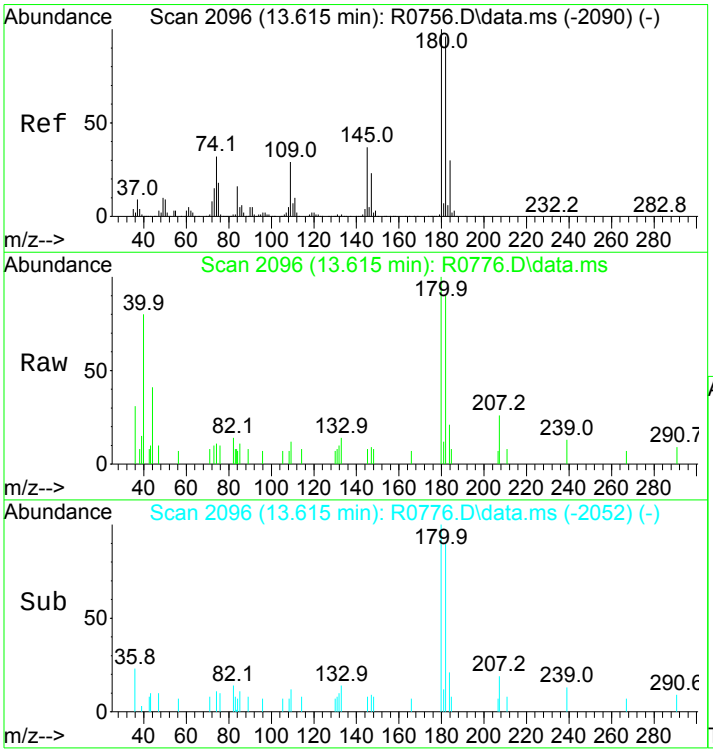


#116
Naphthalen
Concen: 0.53 ug/L
RT: 13.426 min Scan# 2065
Delta R.T. 0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion:128 Resp: 407

Ion	Ratio	Lower	Upper
128	100		
127	0.0	0.0	32.8
102	5.1	0.0	29.1

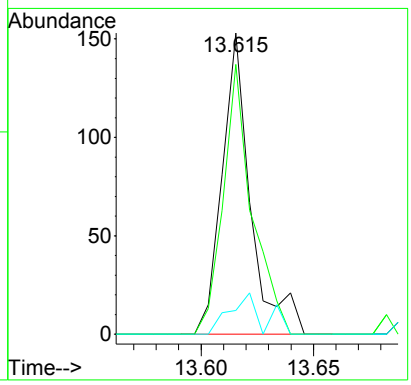




#117
1,2,3-Tclbenzene
Concen: 0.25 ug/L m
RT: 13.615 min Scan# 2096
Delta R.T. 0.000 min
Lab File: R0776.D
Acq: 13 Mar 2025 02:29 pm

Tgt Ion:180 Resp: 135

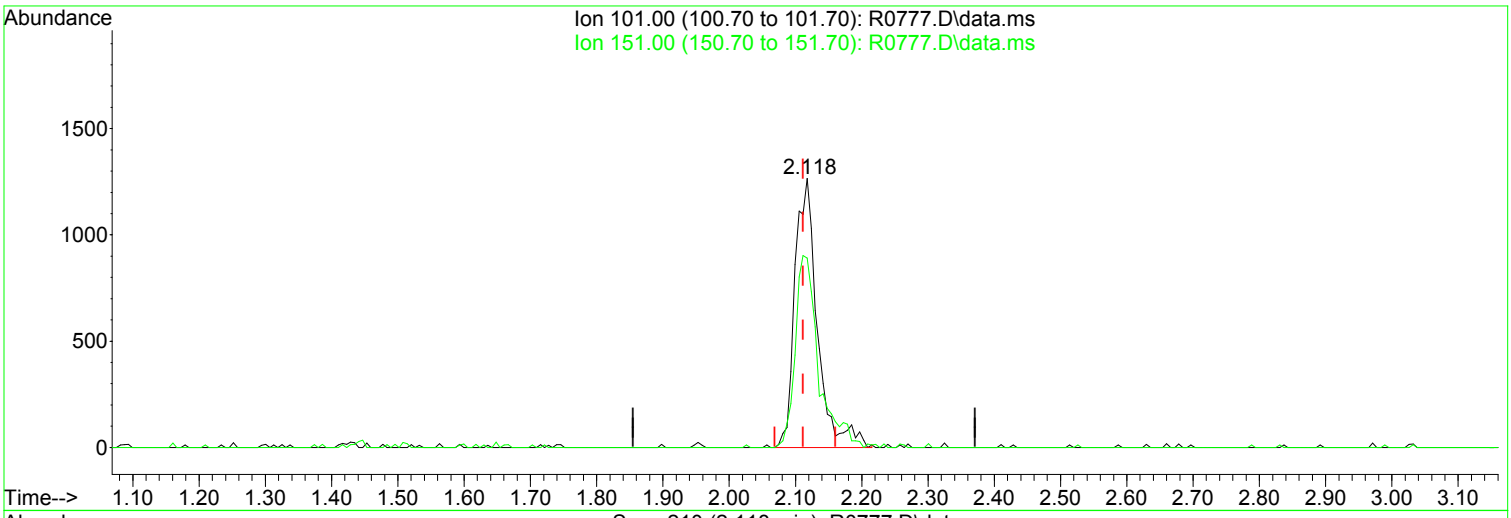
Ion	Ratio	Lower	Upper
180	100		
182	89.5	76.0	116.0
145	7.8	16.7	56.7#

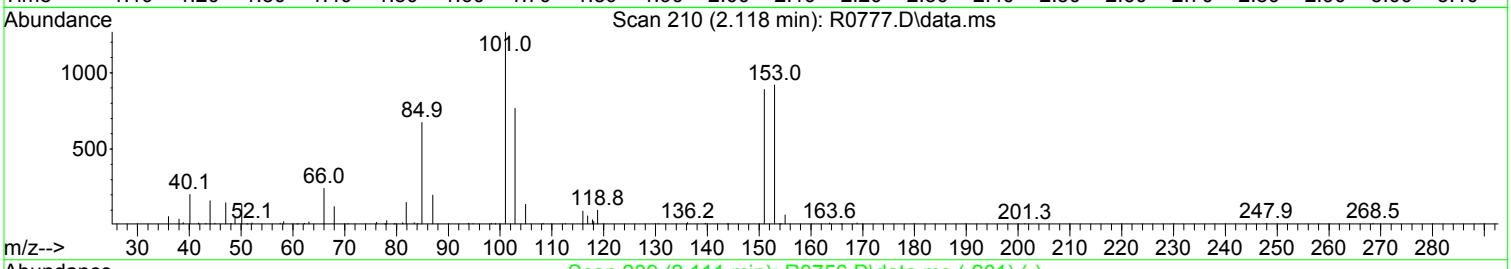


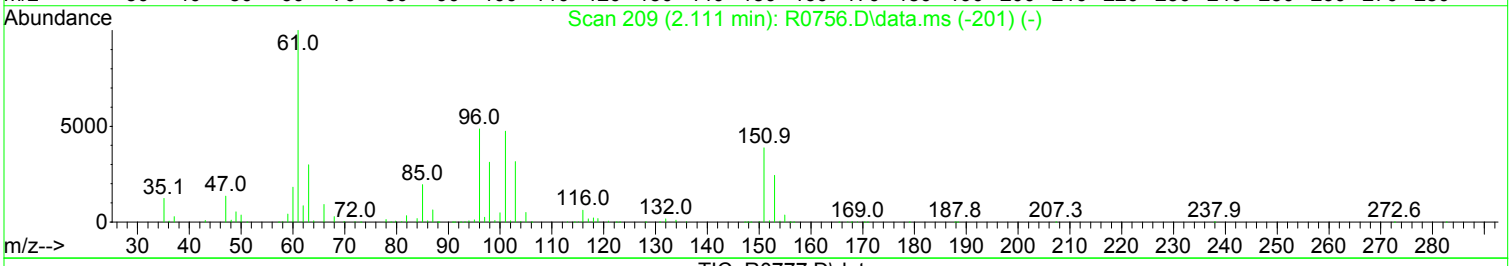
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0777.D\data.ms

(15) Freon 113 (P)

2.118min (+ 0.006) 0.95 ug/L m

response 2978

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	70.43
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

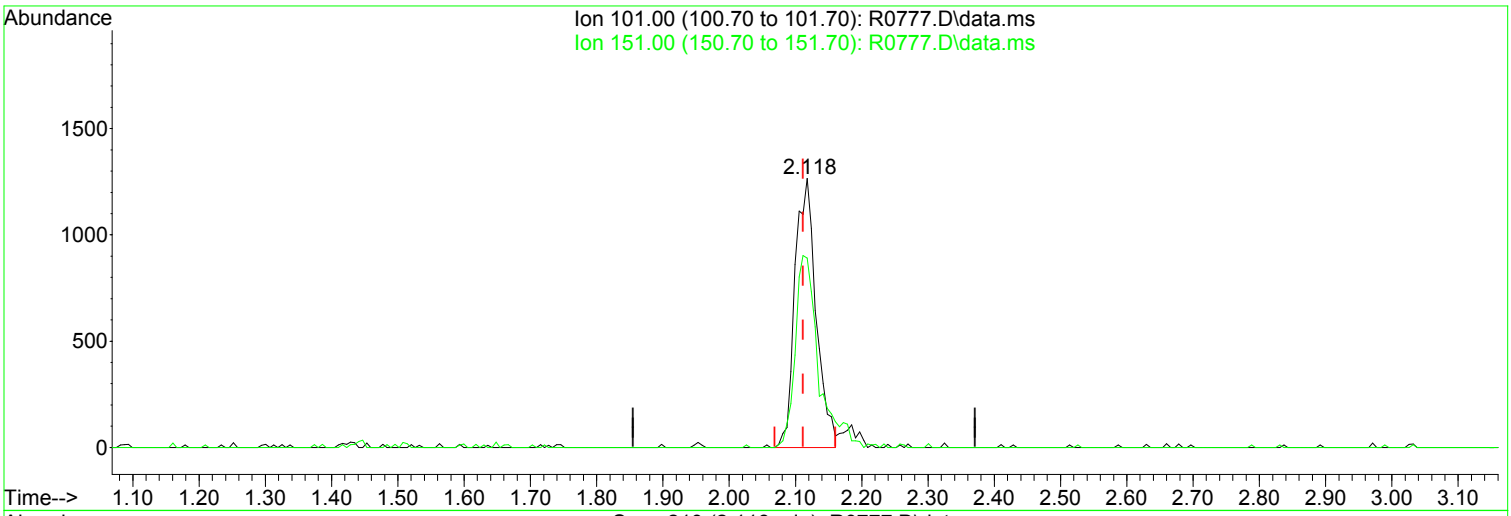
Poor integration.

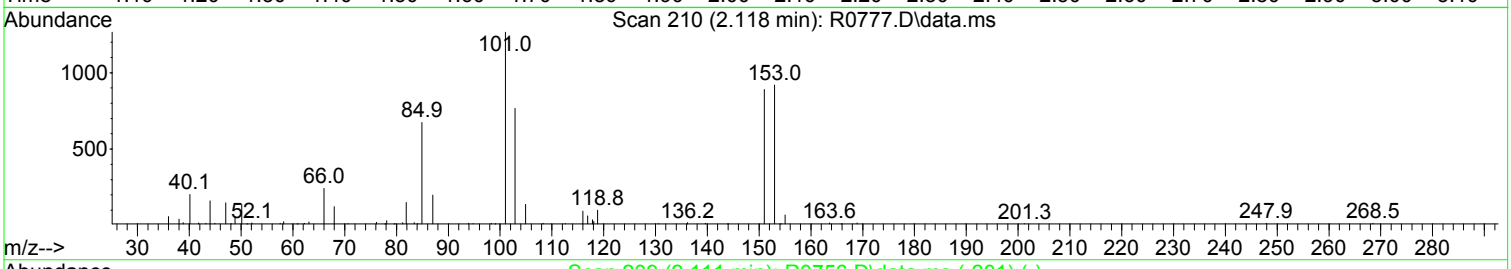
03/17/25

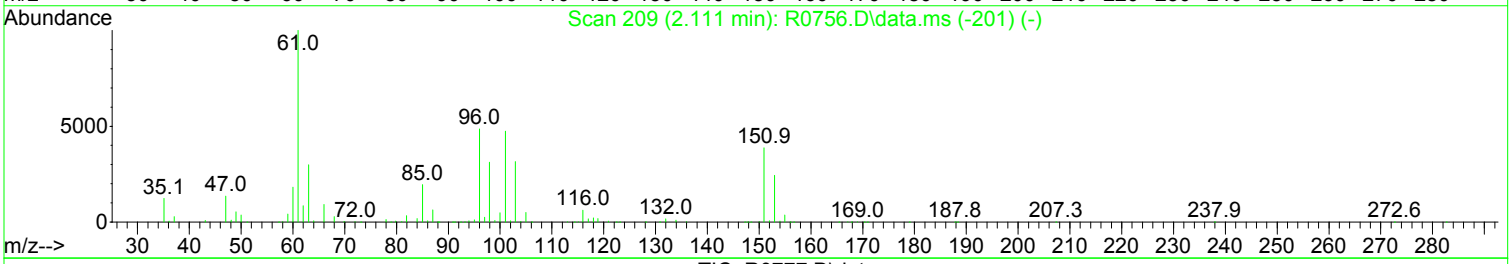
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0777.D\data.ms

(15) Freon 113 (P)

2.118min (+ 0.006) 0.89 ug/L

response 2802

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	70.43
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

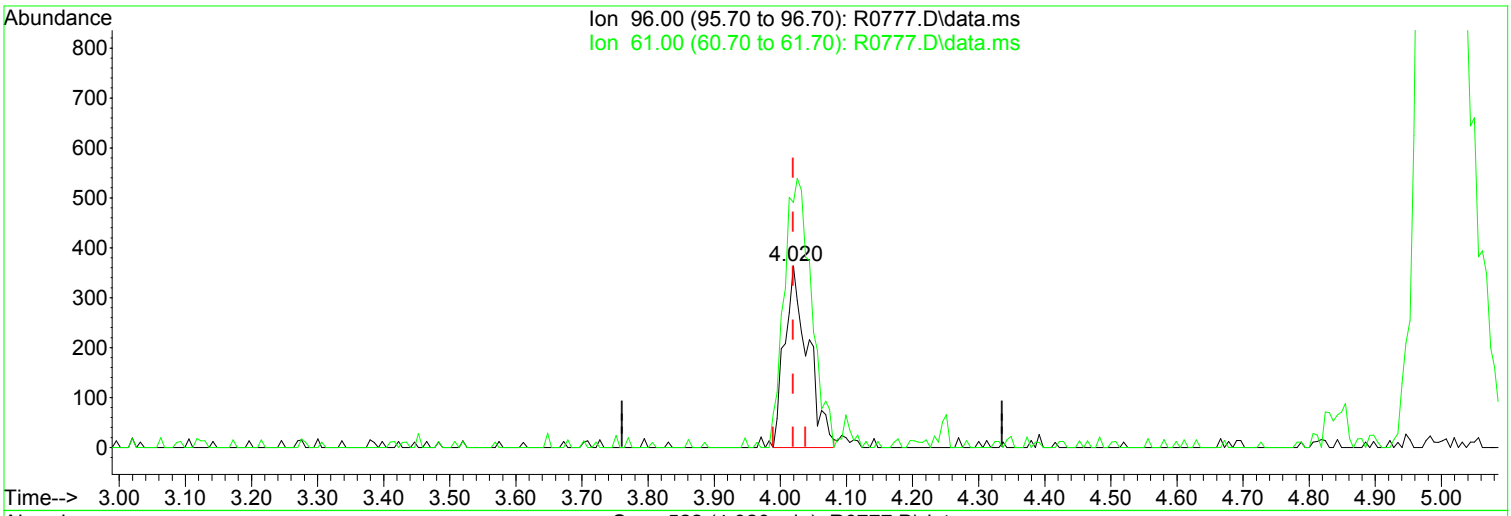
Before

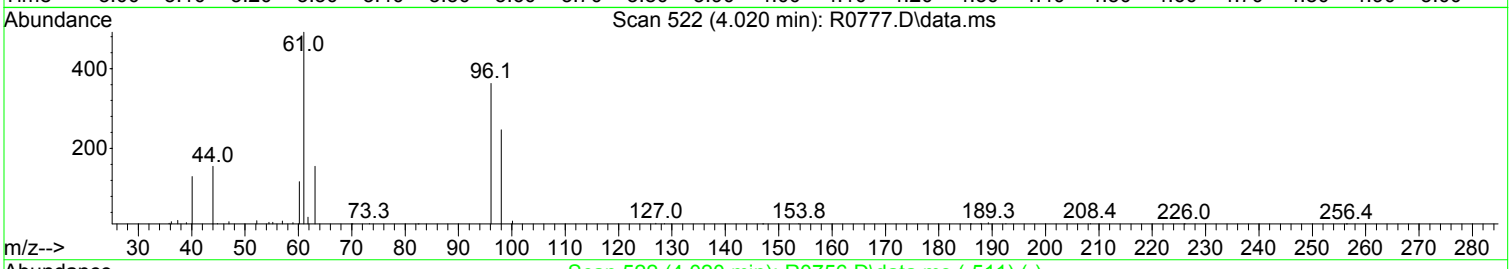
03/17/25

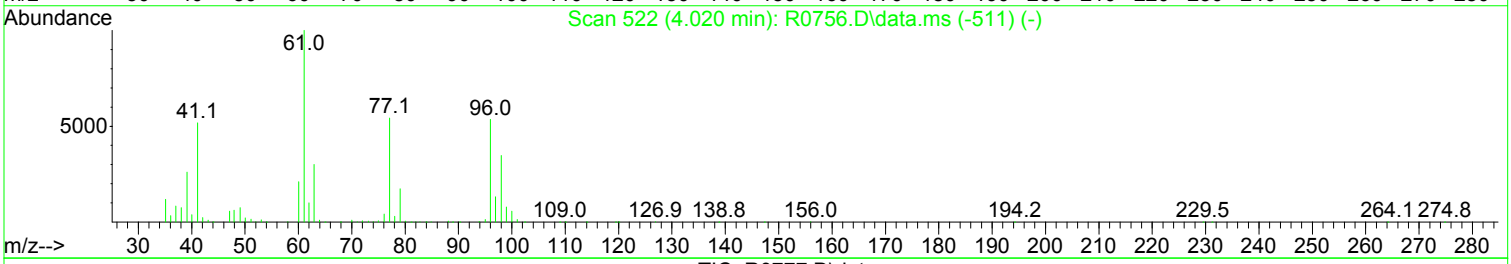
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0777.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.020min (+ 0.000) 0.25 ug/L m

response 895

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	186.80	135.26#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

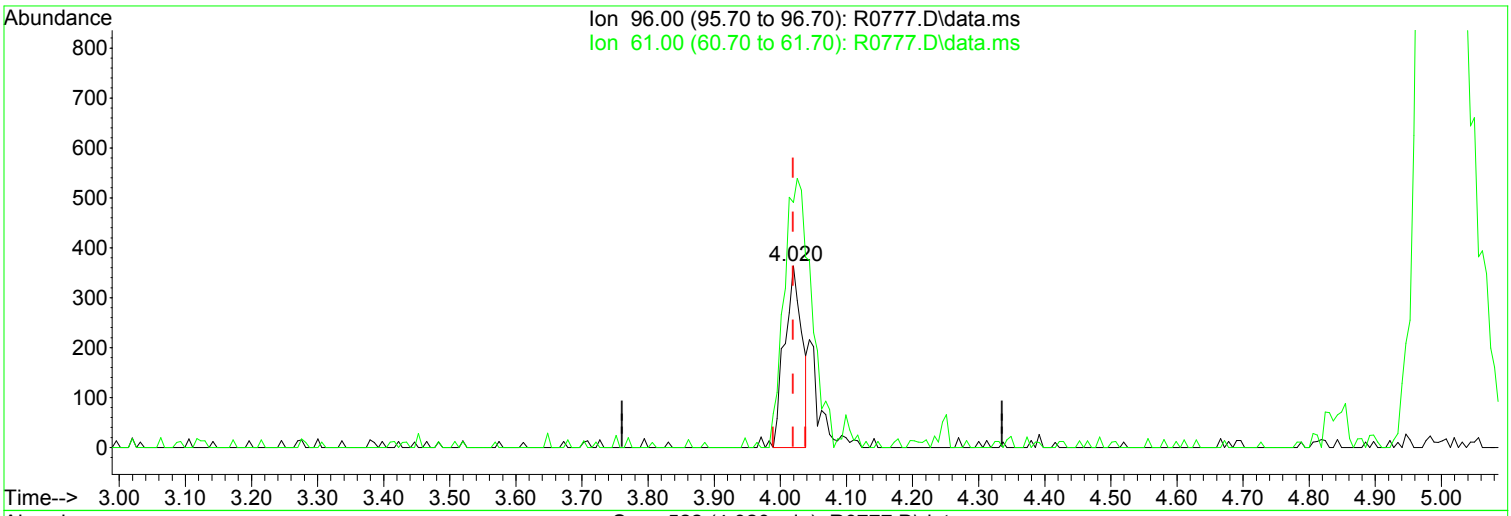
Split Peak.

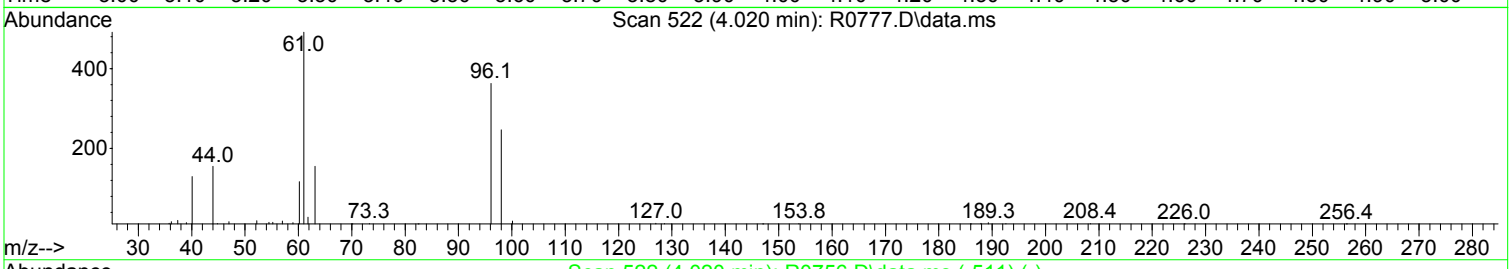
03/17/25

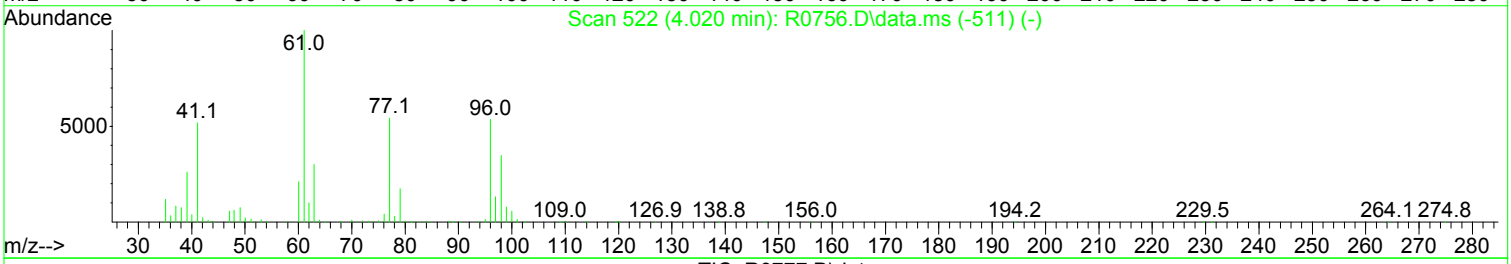
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0777.D\data.ms

(33) cis-1,2-Dichloroethene (P)

4.020min (+ 0.000) 0.19 ug/L

response 660

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	186.80	135.26#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

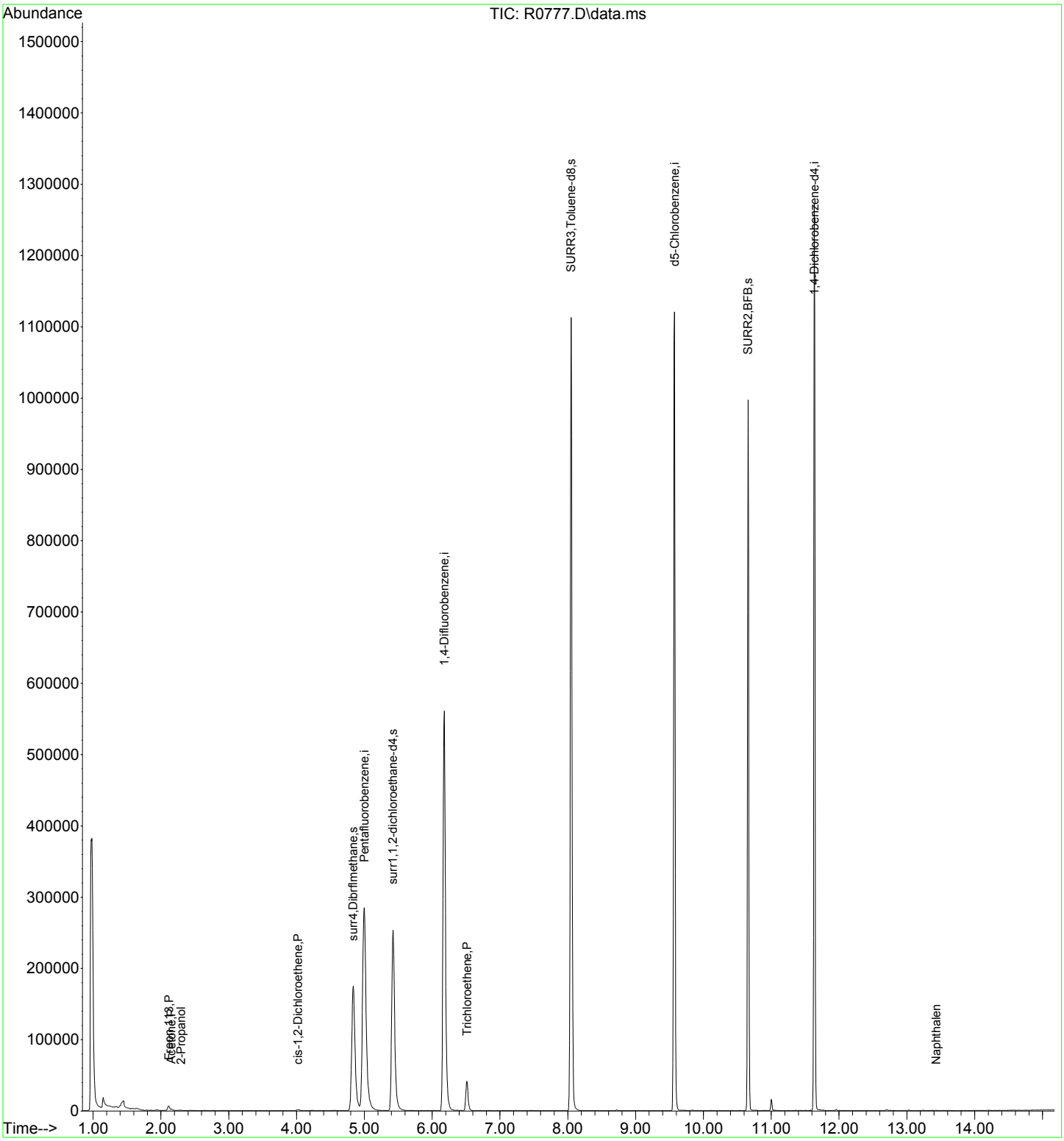
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	335495	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	557183	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.574	117	477435	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.634	152	229538	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.837	113	185269	49.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 99.80%			
47) surr1,1,2-dichloroetha...	5.422	65	274722	52.41	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 104.82%			
64) SURR3,Toluene-d8	8.049	98	657329	50.45	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 100.90%			
69) SURR2,BFB	10.659	95	248928	50.07	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 100.14%			
Target Compounds						Qvalue
15) Freon 113	2.118	101	2978m	0.946	ug/L	
16) Acetone	2.154	43	1686	0.583	ug/L	85
17) 2-Propanol	2.294	45	482	1.082	ug/L #	52
33) cis-1,2-Dichloroethene	4.020	96	895m	0.253	ug/L	
53) Trichloroethene	6.513	130	16240	4.464	ug/L	92
116) Naphthalen	13.433	128	305	0.522	ug/L	71

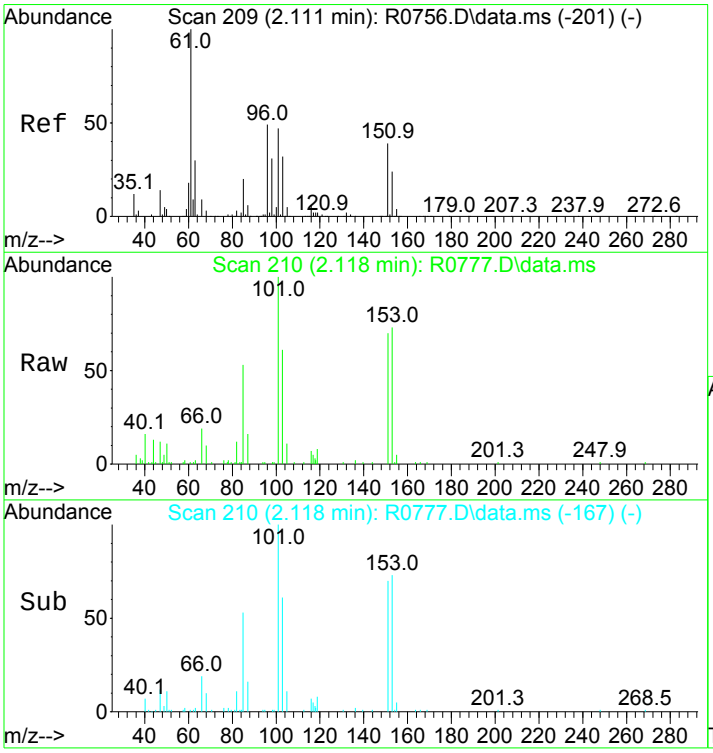
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0777.D
Acq On : 13 Mar 2025 02:53 pm
Operator : K.Ruest
Sample : R2502494-004
Misc : VERINA 8260 T4
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:02:04 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

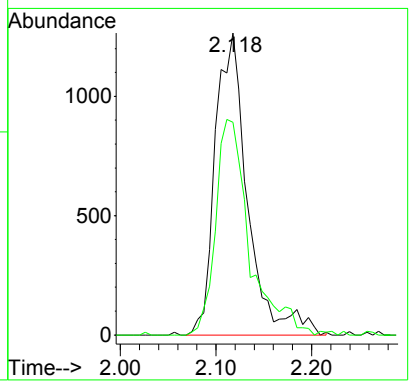


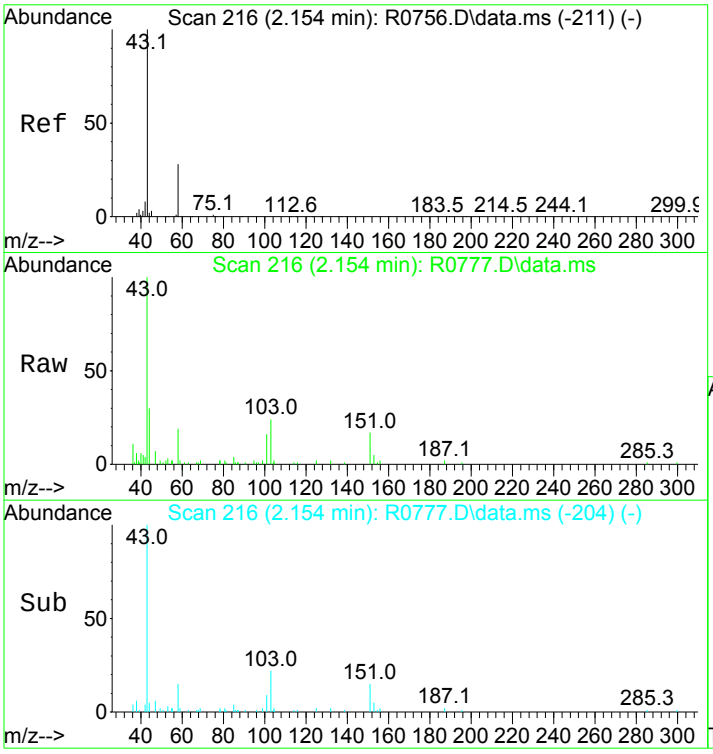


#15
Freon 113
Concen: 0.95 ug/L m
RT: 2.118 min Scan# 210
Delta R.T. 0.006 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion:101 Resp: 2978

Ion	Ratio	Lower	Upper
101	100		
151	70.4	61.7	101.7

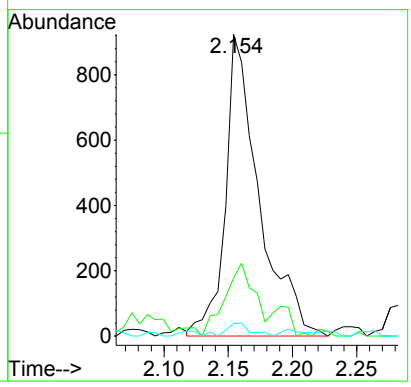


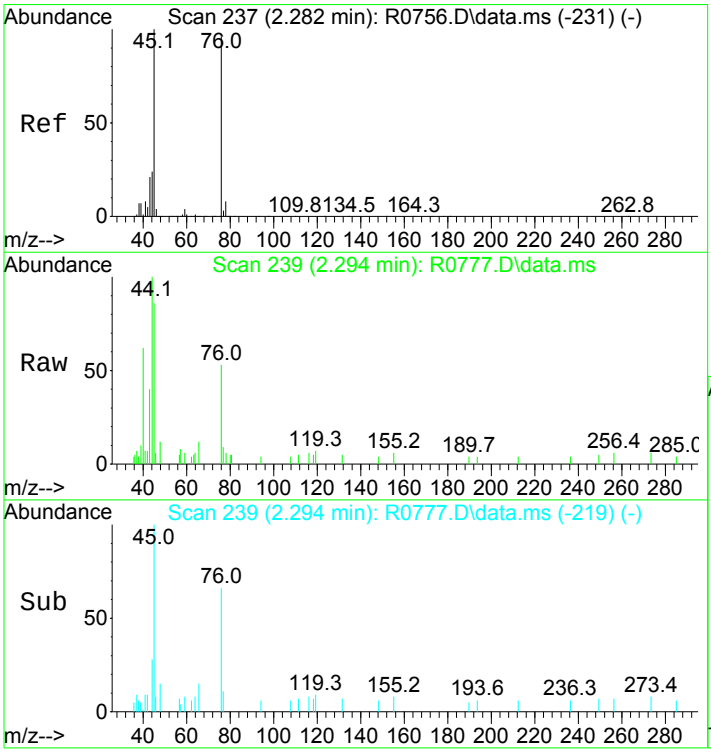


#16
Acetone
Concen: 0.58 ug/L
RT: 2.154 min Scan# 216
Delta R.T. 0.000 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion: 43 Resp: 1686

Ion	Ratio	Lower	Upper
43	100		
58	19.3	8.0	48.0
42	4.2	0.0	27.8

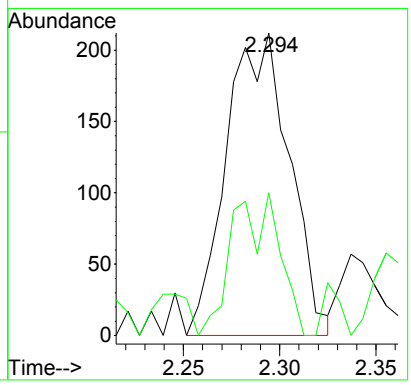


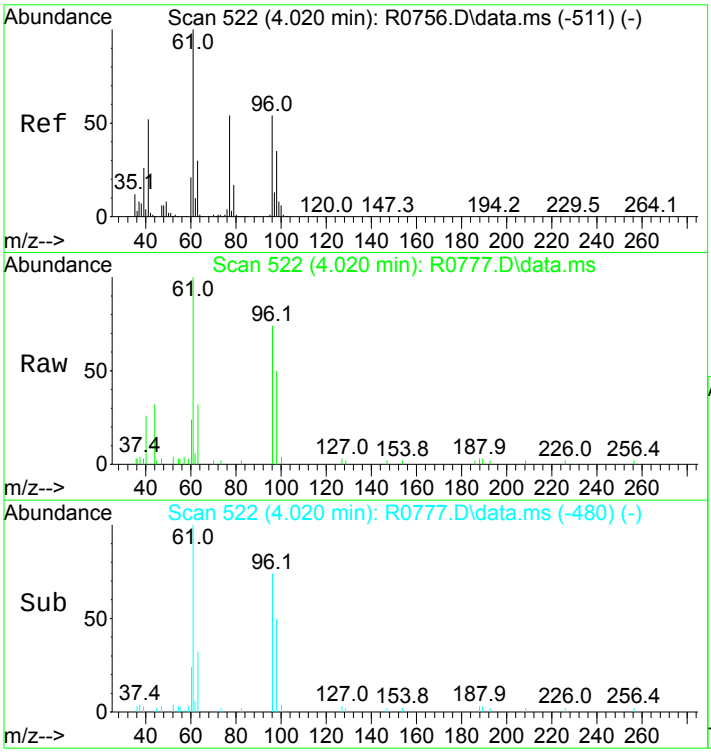


#17
2-Propanol
Concen: 1.08 ug/L
RT: 2.294 min Scan# 239
Delta R.T. 0.012 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion: 45 Resp: 482

Ion	Ratio	Lower	Upper
45	100		
43	44.1	1.5	41.5#

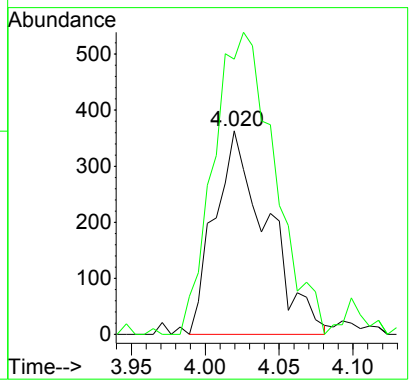


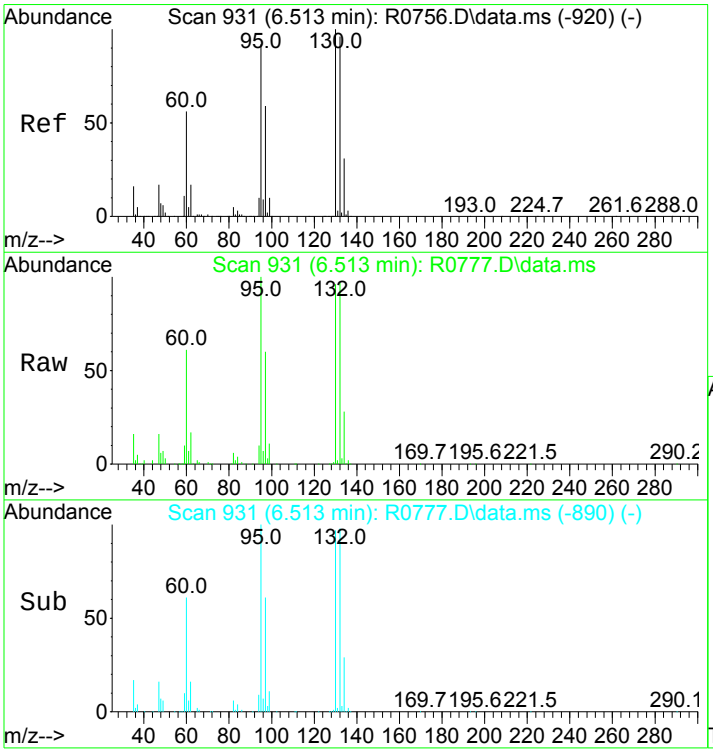


#33
cis-1,2-Dichloroethene
Concen: 0.25 ug/L m
RT: 4.020 min Scan# 522
Delta R.T. 0.000 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion: 96 Resp: 895

Ion	Ratio	Lower	Upper
96	100		
61	135.3	166.8	206.8#

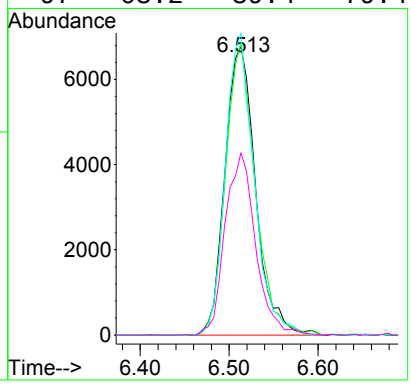


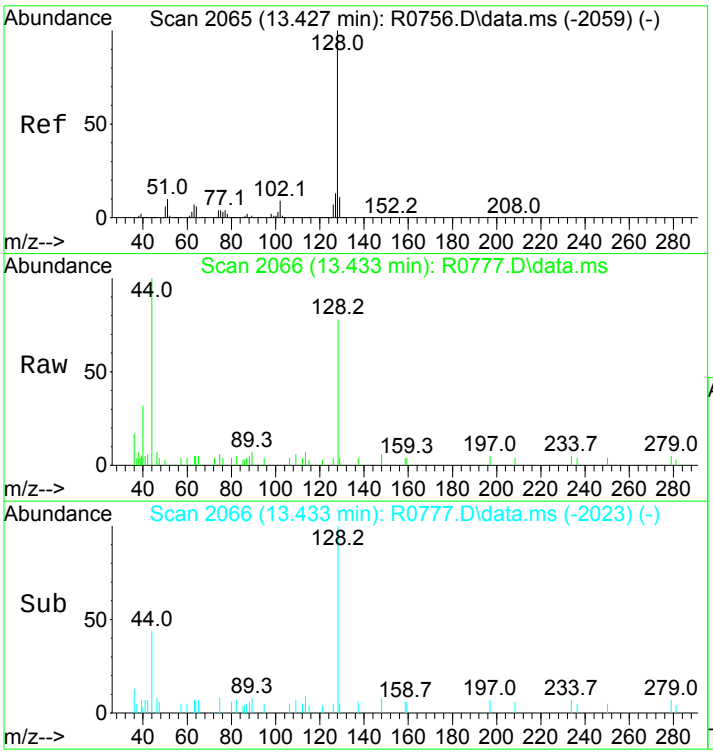


#53
Trichloroethene
Concen: 4.46 ug/L
RT: 6.513 min Scan# 931
Delta R.T. 0.000 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion:130 Resp: 16240

Ion	Ratio	Lower	Upper
130	100		
132	101.4	76.4	116.4
95	104.7	72.1	112.1
97	63.2	39.4	79.4

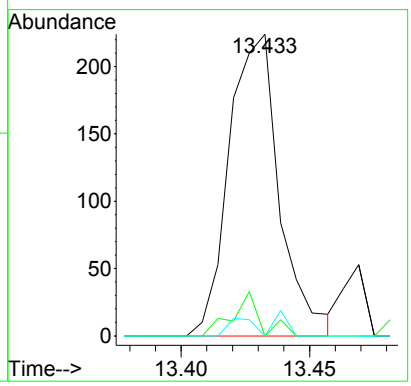




#116
Naphthalen
Concen: 0.52 ug/L
RT: 13.433 min Scan# 2066
Delta R.T. 0.007 min
Lab File: R0777.D
Acq: 13 Mar 2025 02:53 pm

Tgt Ion:128 Resp: 305

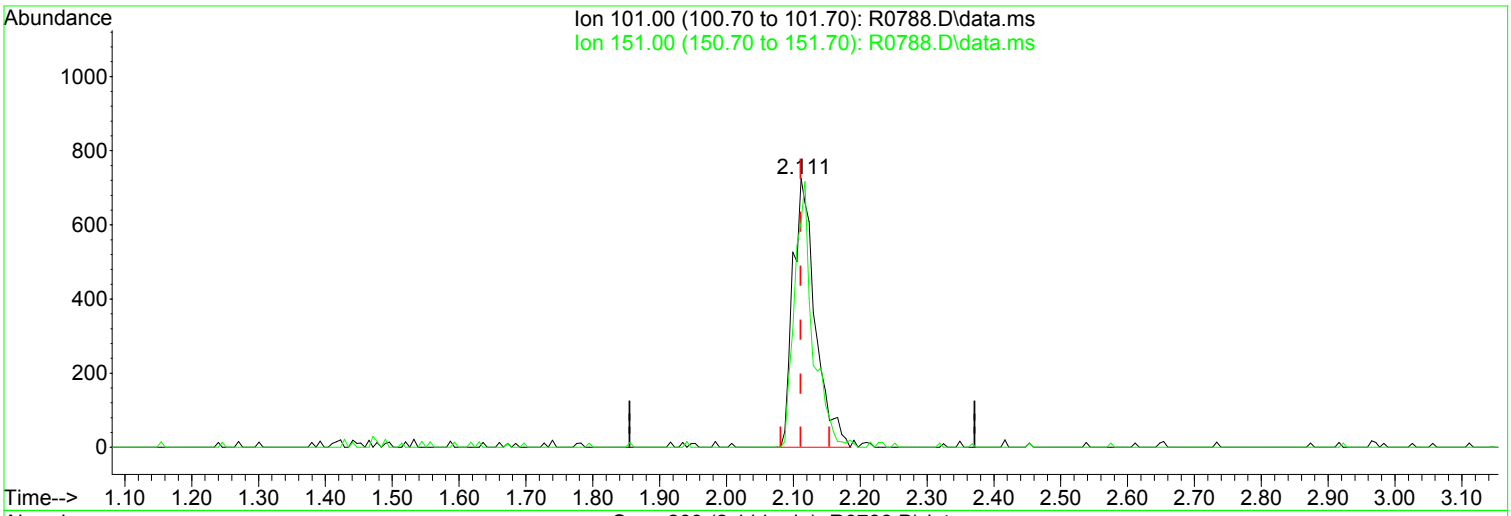
Ion	Ratio	Lower	Upper
128	100		
127	0.0	0.0	32.8
102	0.0	0.0	29.1

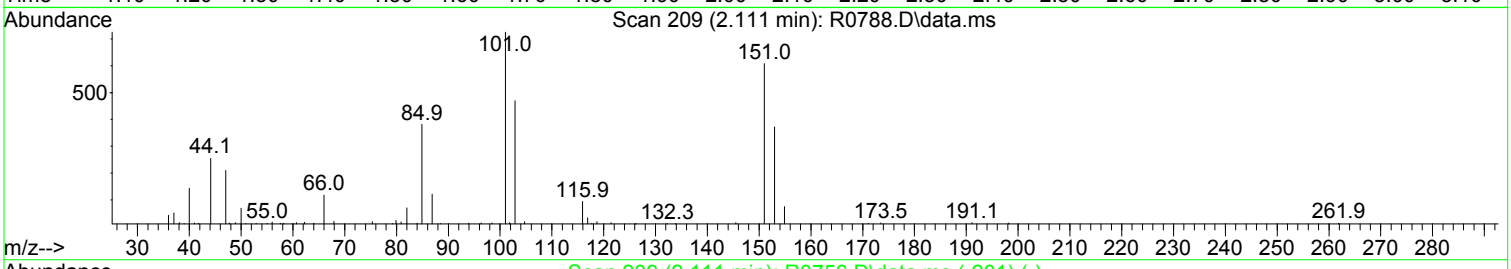


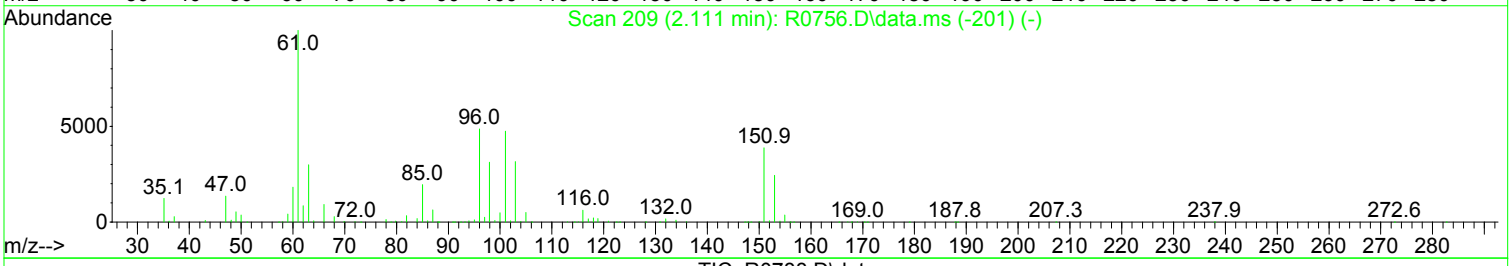
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0788.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 0.54 ug/L m

response 1679

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	83.86
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

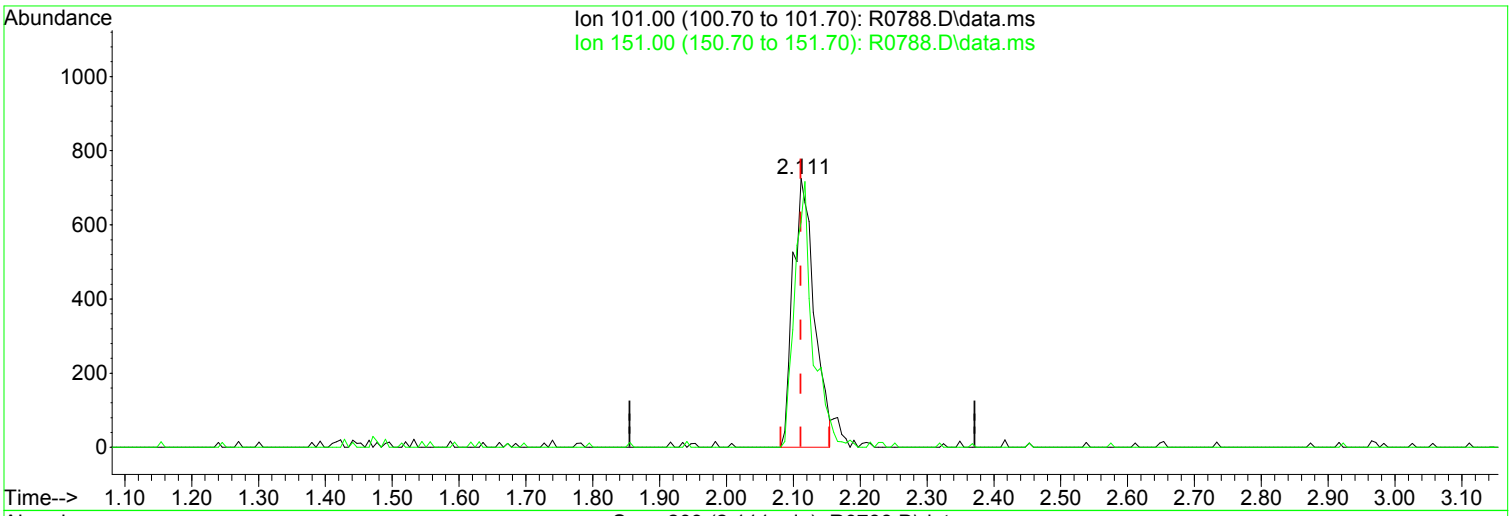
Poor integration.

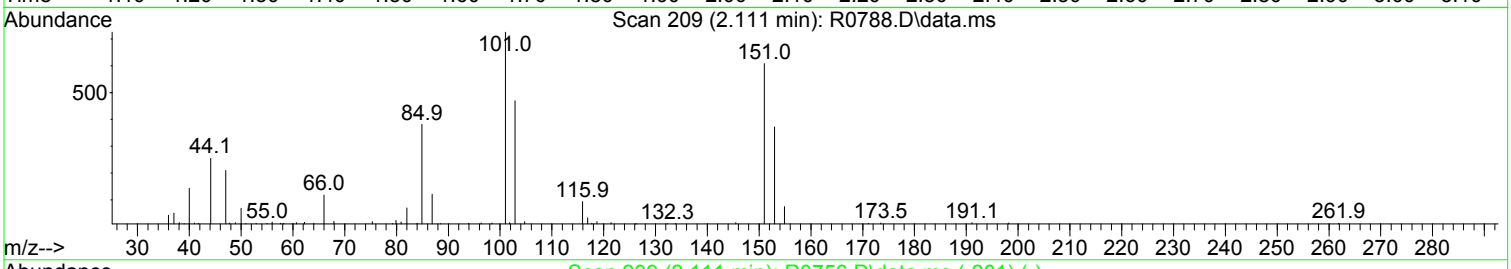
03/17/25

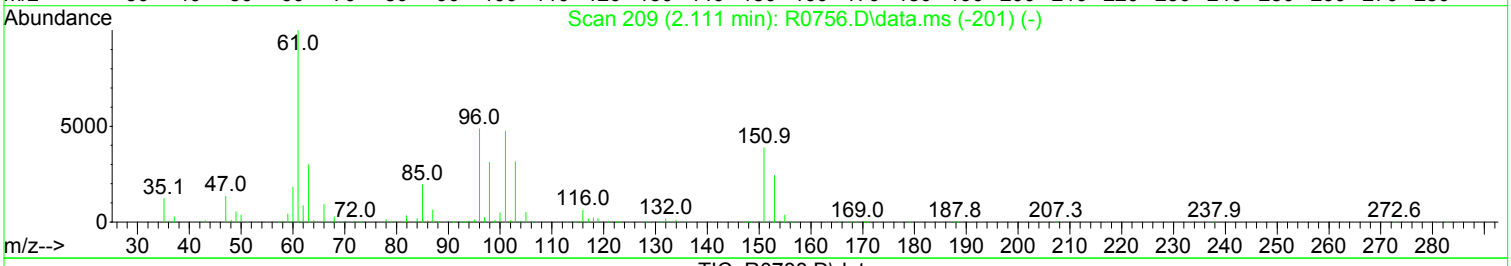
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0788.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 0.51 ug/L

response 1600

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	83.86
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

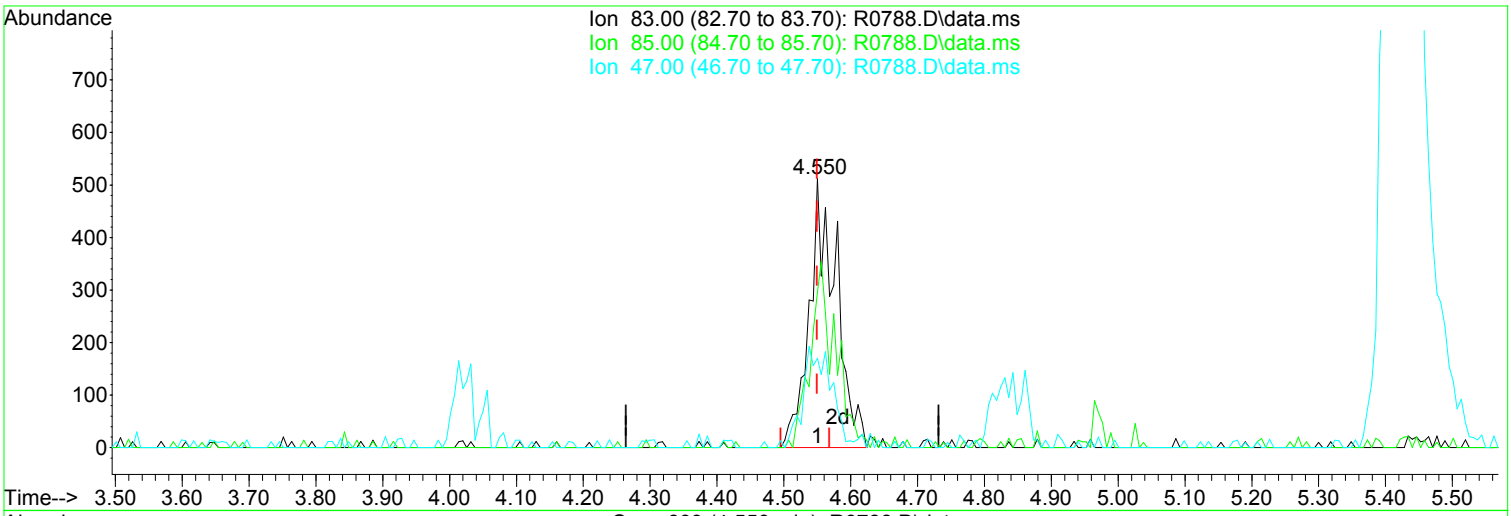
Before

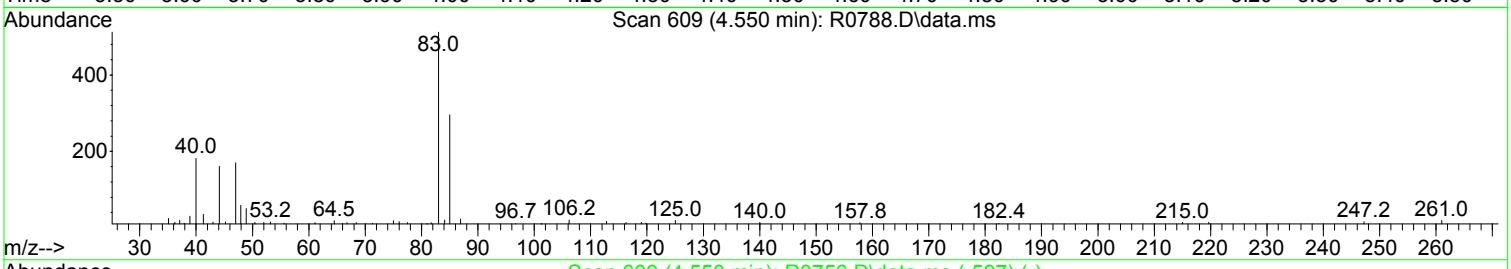
03/17/25

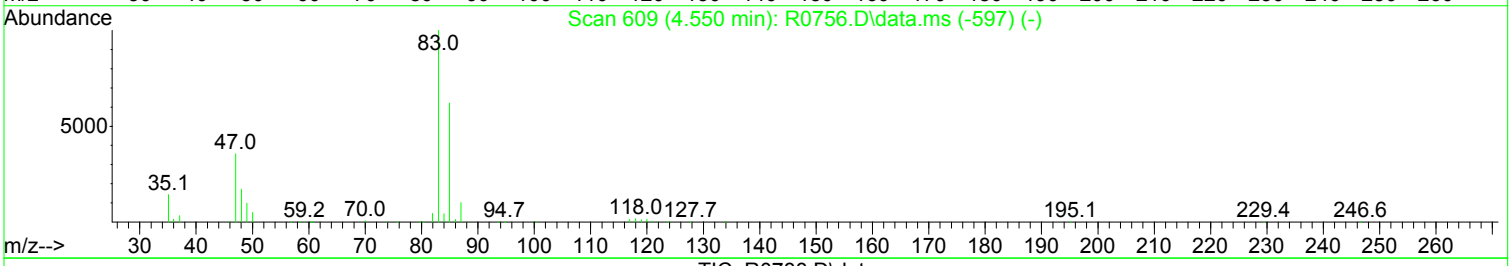
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0788.D\data.ms

(39) Chloroform (P)

4.550min (0.000) 0.23 ug/L m

response 1432

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	62.10	57.81
47.00	35.70	33.20
0.00	0.00	0.00

Manual Integration:

After

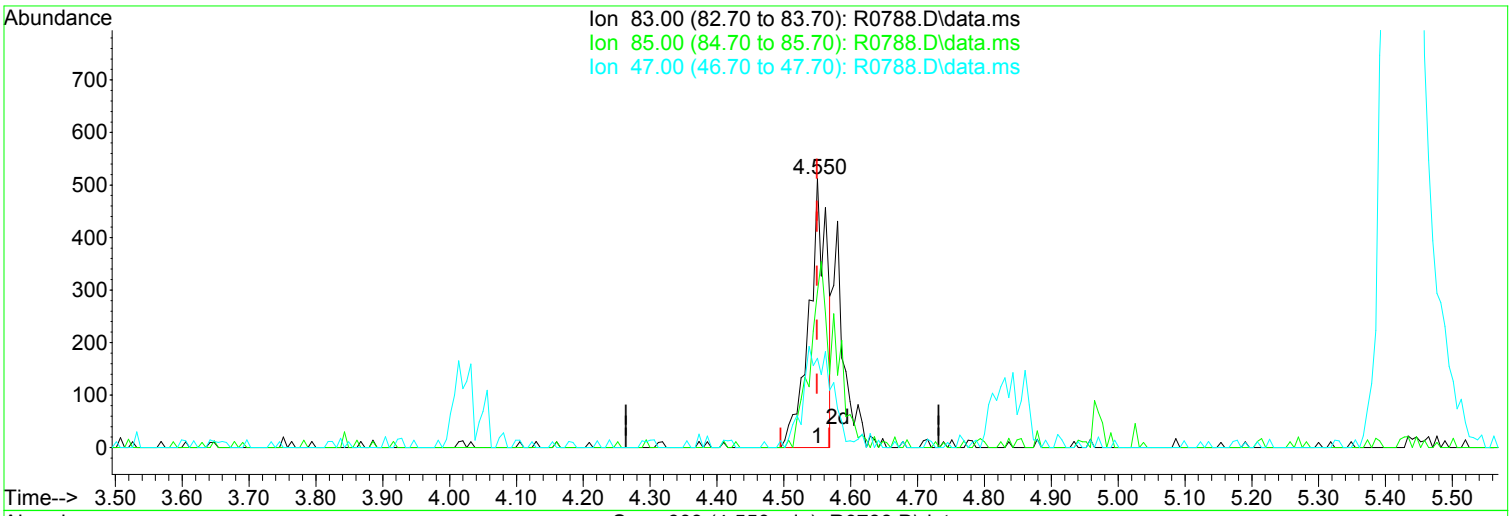
Split Peak.

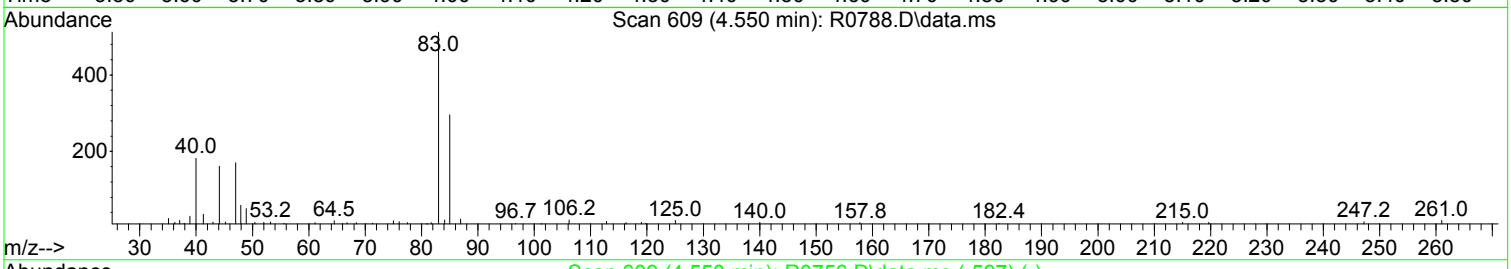
03/17/25

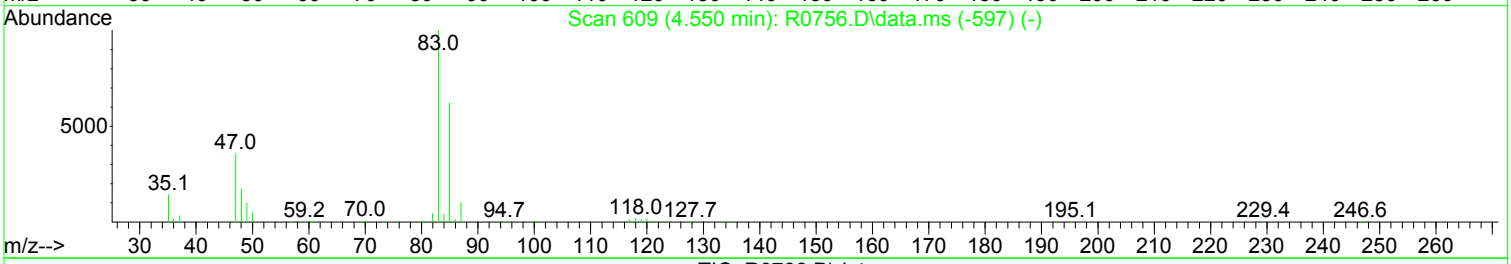
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0788.D\data.ms

(39) Chloroform (P)

4.550min (0.000) 0.16 ug/L

response 951

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	62.10	57.81
47.00	35.70	33.20
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

foamy sample

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

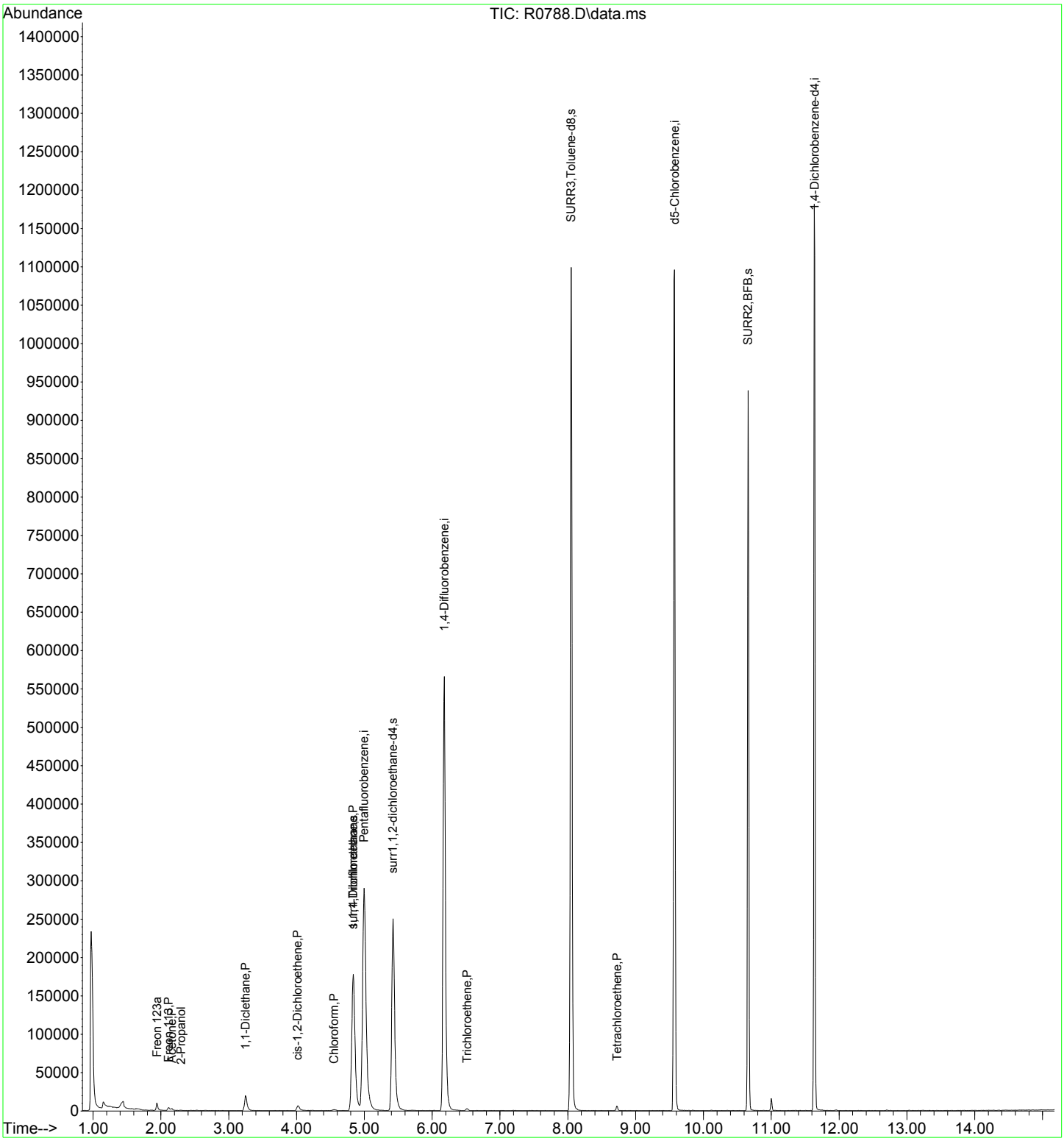
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	333661	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	550845	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.574	117	464007	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	219303	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.837	113	181482	49.45	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 98.90%				
47) surr1,1,2-dichloroetha...	5.422	65	267214	51.56	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.12%				
64) SURR3,Toluene-d8	8.049	98	647514	50.27	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 100.54%				
69) SURR2,BFB	10.659	95	236303	48.08	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 96.16%				
Target Compounds							Qvalue
11) Freon 123a	1.941	67	4336	1.260	ug/L		82
15) Freon 113	2.111	101	1679m	0.536	ug/L		
16) Acetone	2.160	43	3240	1.126	ug/L		91
17) 2-Propanol	2.294	45	461	1.040	ug/L		88
27) 1,1-Diclethane	3.245	63	25079	3.694	ug/L		98
33) cis-1,2-Dichloroethene	4.014	96	3518	1.001	ug/L	#	82
39) Chloroform	4.550	83	1432m	0.233	ug/L		
40) 1,1,1-Trichloroethane	4.837	97	6727	1.324	ug/L		90
53) Trichloroethene	6.513	130	1039	0.289	ug/L	#	84
71) Tetrachloroethene	8.726	164	1140	0.444	ug/L	#	75

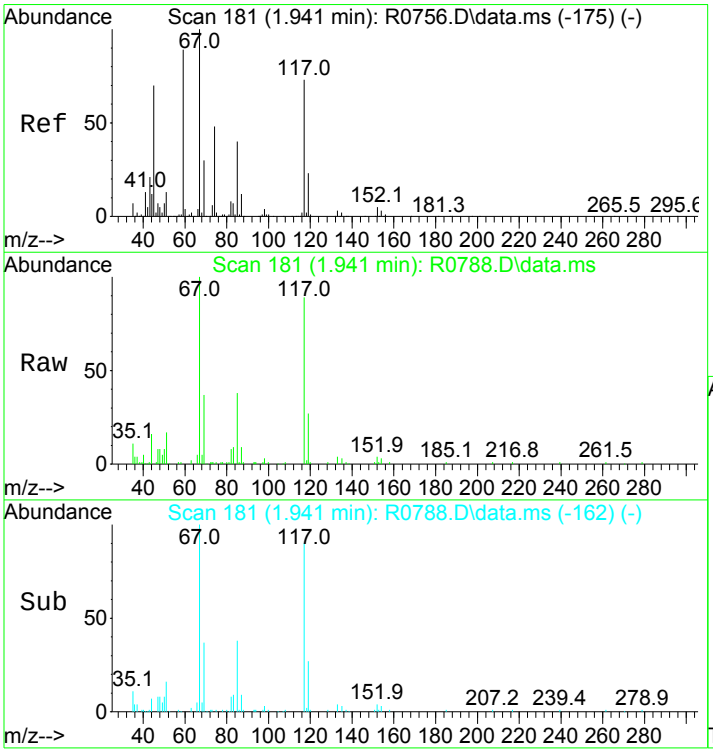
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0788.D
Acq On : 13 Mar 2025 07:06 pm
Operator : K.Ruest
Sample : R2502494-006|5.0
Misc : VERINA 8260 T4
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 14 09:48:51 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

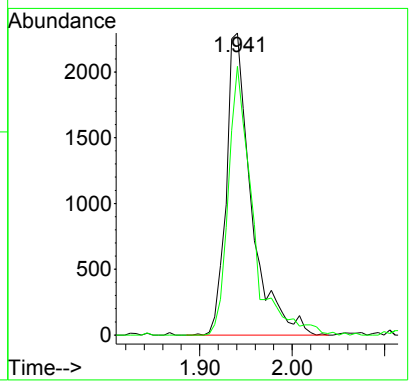


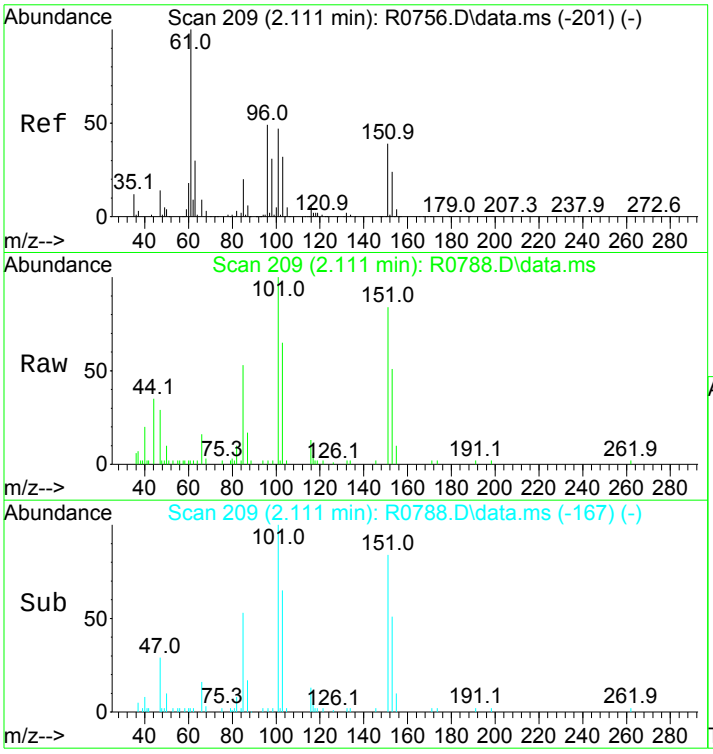


#11
Freon 123a
Concen: 1.26 ug/L
RT: 1.941 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 67 Resp: 4336

Ion	Ratio	Lower	Upper
67	100		
117	89.0	53.9	93.9

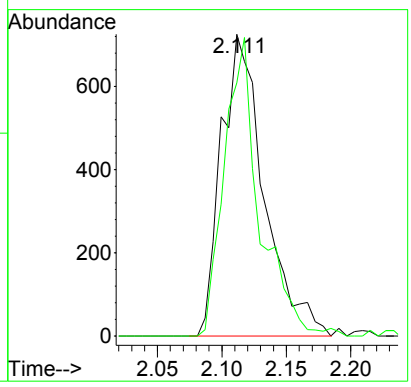


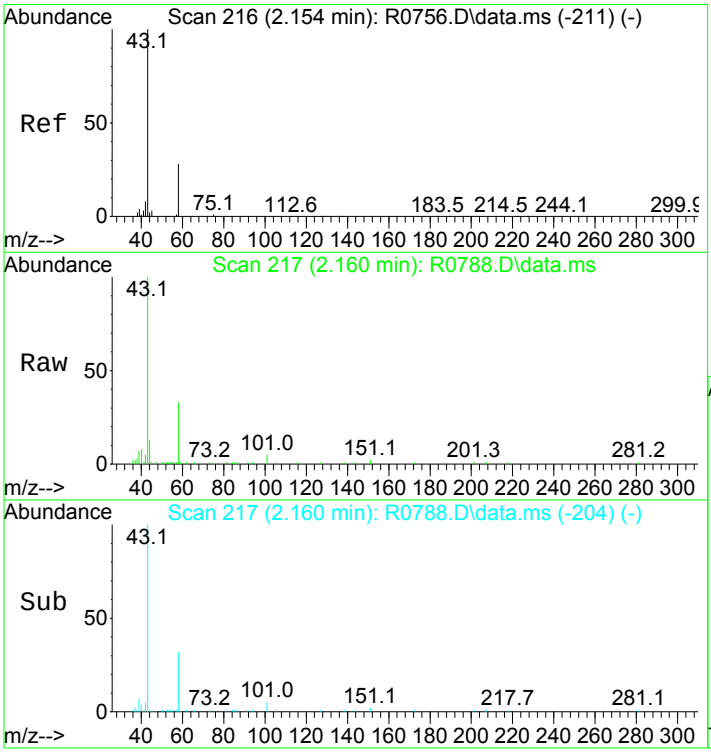


#15
Freon 113
Concen: 0.54 ug/L m
RT: 2.111 min Scan# 209
Delta R.T. -0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion:101 Resp: 1679

Ion	Ratio	Lower	Upper
101	100		
151	83.9	61.7	101.7

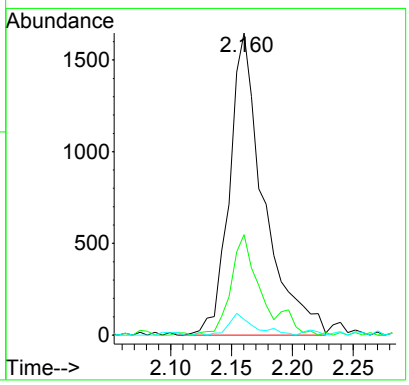


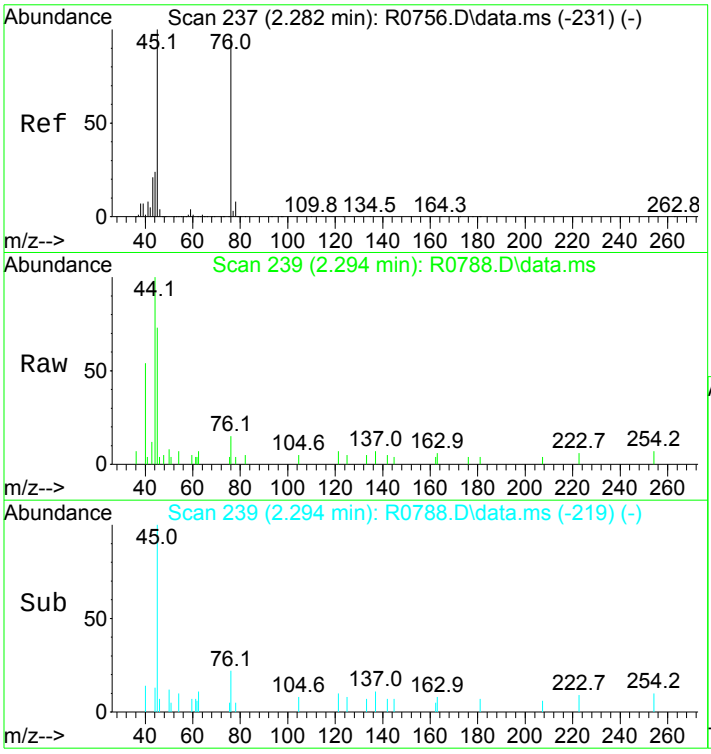


#16
Acetone
Concen: 1.13 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 43 Resp: 3240

Ion	Ratio	Lower	Upper
43	100		
58	33.3	8.0	48.0
42	5.2	0.0	27.8

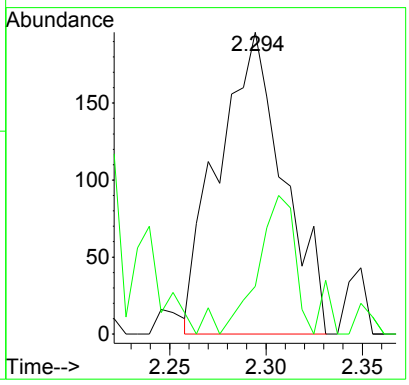


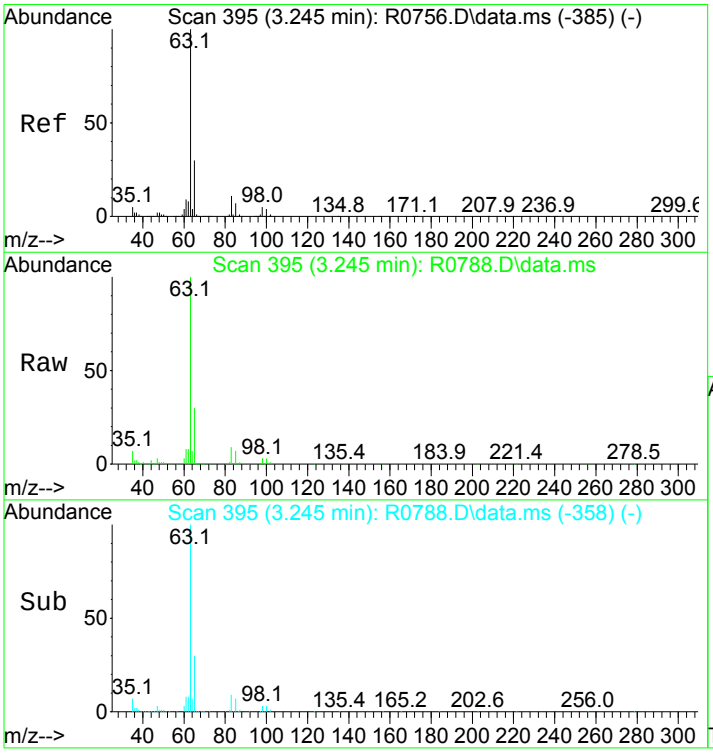


#17
2-Propanol
Concen: 1.04 ug/L
RT: 2.294 min Scan# 239
Delta R.T. 0.012 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 45 Resp: 461

Ion	Ratio	Lower	Upper
45	100		
43	15.8	1.5	41.5

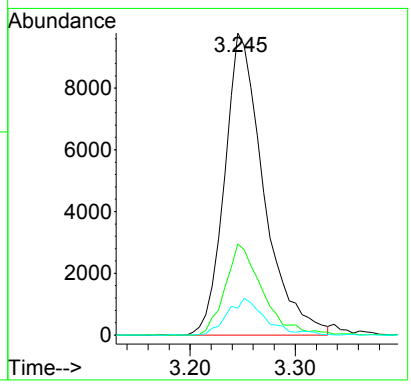


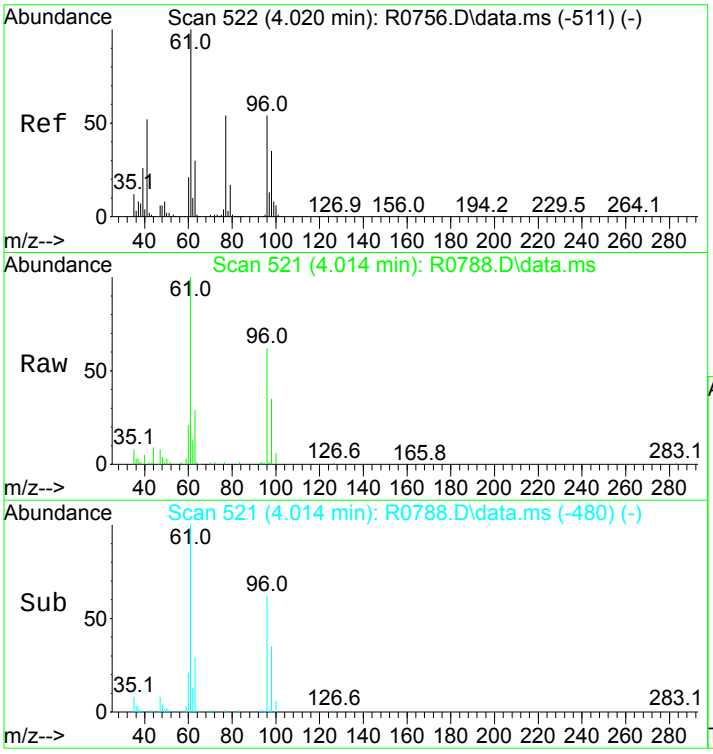


#27
1,1-Diclethane
Concen: 3.69 ug/L
RT: 3.245 min Scan# 395
Delta R.T. -0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 63 Resp: 25079

Ion	Ratio	Lower	Upper
63	100		
65	30.2	9.9	49.9
83	8.9	0.0	31.2

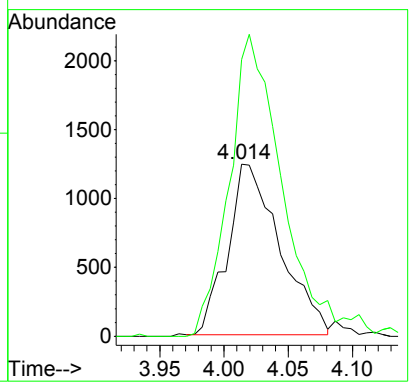


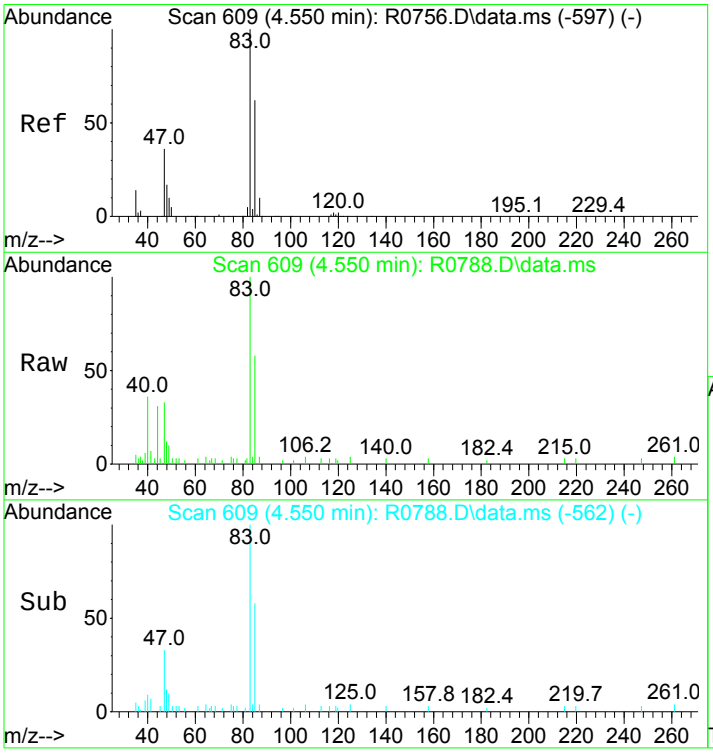


#33
cis-1,2-Dichloroethene
Concen: 1.00 ug/L
RT: 4.014 min Scan# 521
Delta R.T. -0.006 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 96 Resp: 3518

Ion	Ratio	Lower	Upper
96	100		
61	160.8	166.8	206.8#

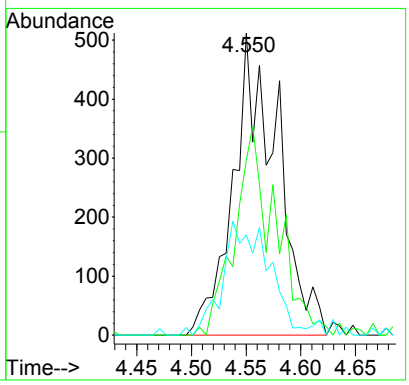


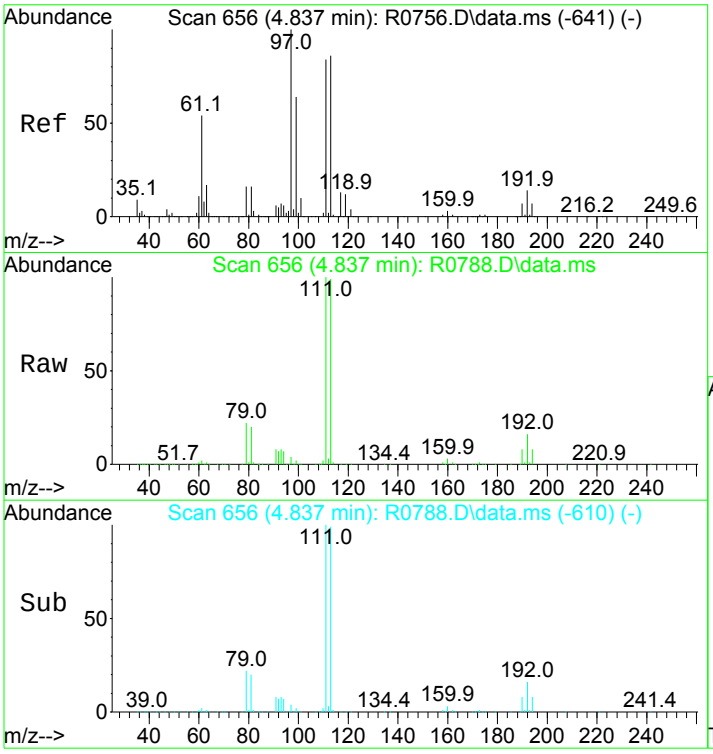


#39
Chloroform
Concen: 0.23 ug/L m
RT: 4.550 min Scan# 609
Delta R.T. 0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 83 Resp: 1432

Ion	Ratio	Lower	Upper
83	100		
85	57.8	42.1	82.1
47	33.2	15.7	55.7

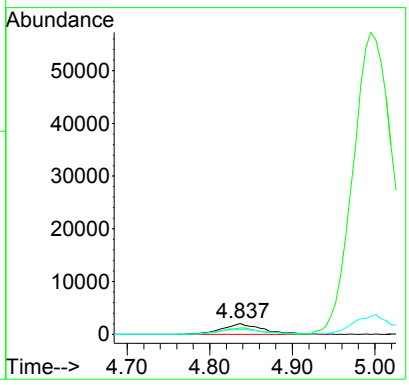


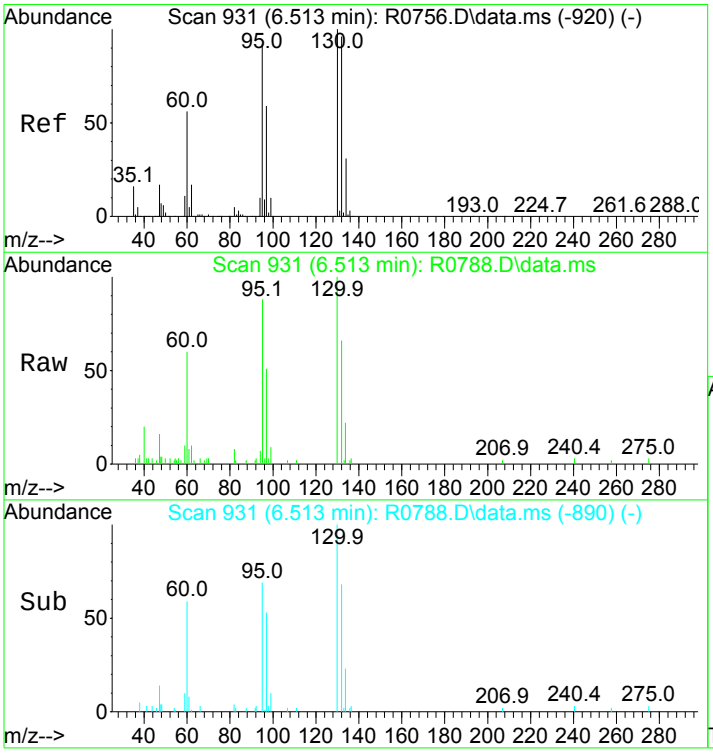


#40
1,1,1-Trichloroethane
Concen: 1.32 ug/L
RT: 4.837 min Scan# 656
Delta R.T. 0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion: 97 Resp: 6727

Ion	Ratio	Lower	Upper
97	100		
99	57.7	43.6	83.6
61	44.5	33.6	73.6

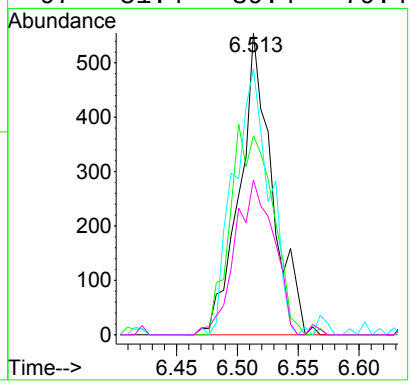


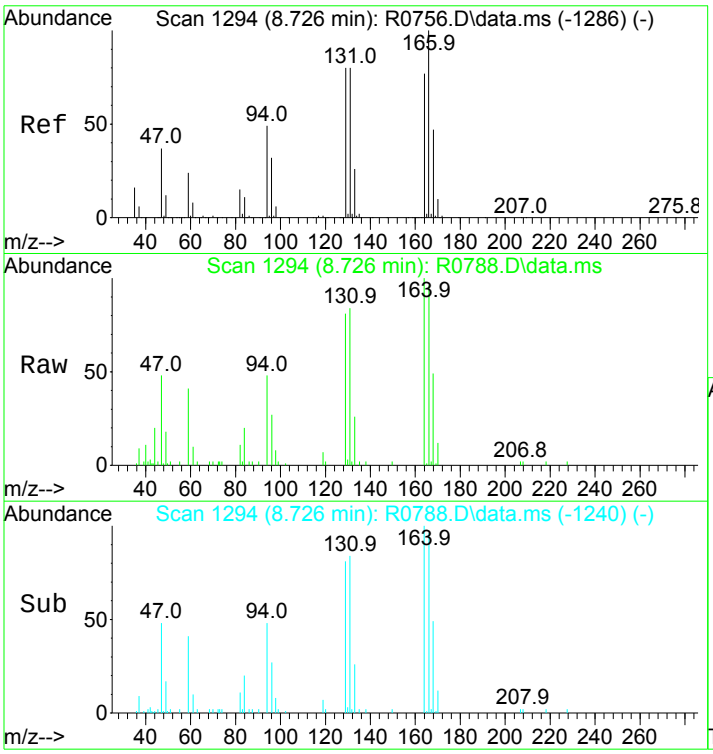


#53
Trichloroethene
Concen: 0.29 ug/L
RT: 6.513 min Scan# 931
Delta R.T. -0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion:130 Resp: 1039

Ion	Ratio	Lower	Upper
130	100		
132	65.9	76.4	116.4#
95	88.1	72.1	112.1
97	51.4	39.4	79.4

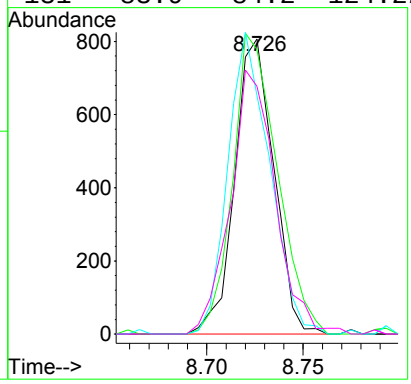




#71
Tetrachloroethene
Concen: 0.44 ug/L
RT: 8.726 min Scan# 1294
Delta R.T. -0.000 min
Lab File: R0788.D
Acq: 13 Mar 2025 07:06 pm

Tgt Ion:164 Resp: 1140

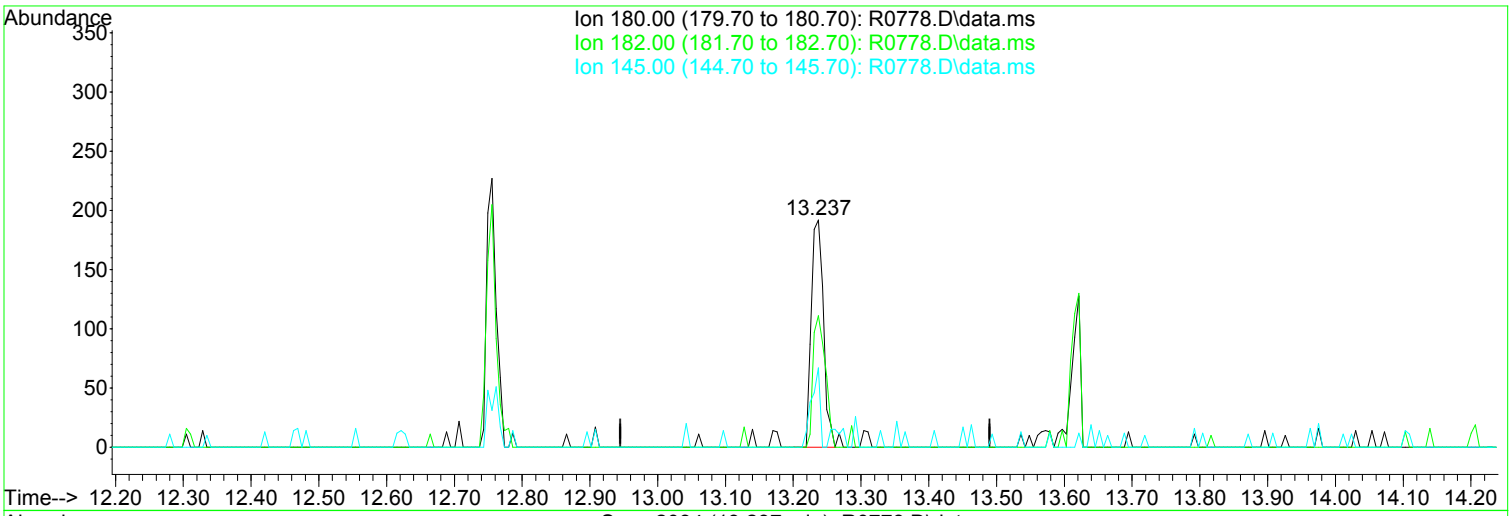
Ion	Ratio	Lower	Upper
164	100		
166	96.4	110.6	150.6#
129	80.8	84.7	124.7#
131	83.9	84.2	124.2#

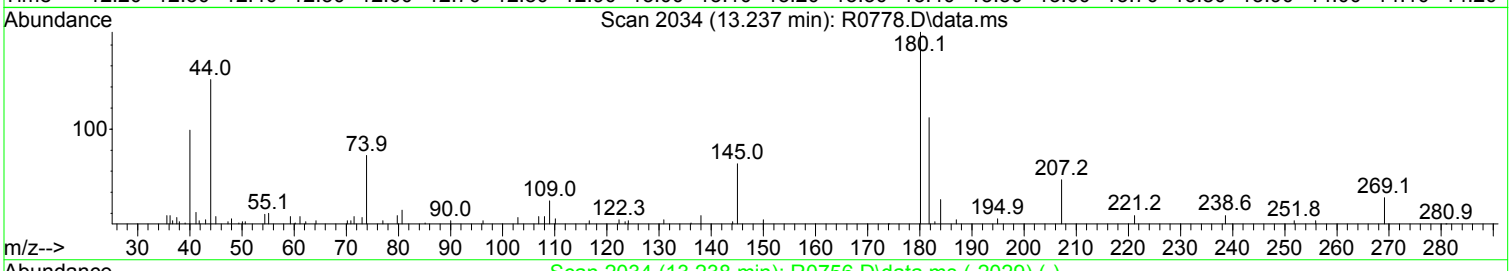


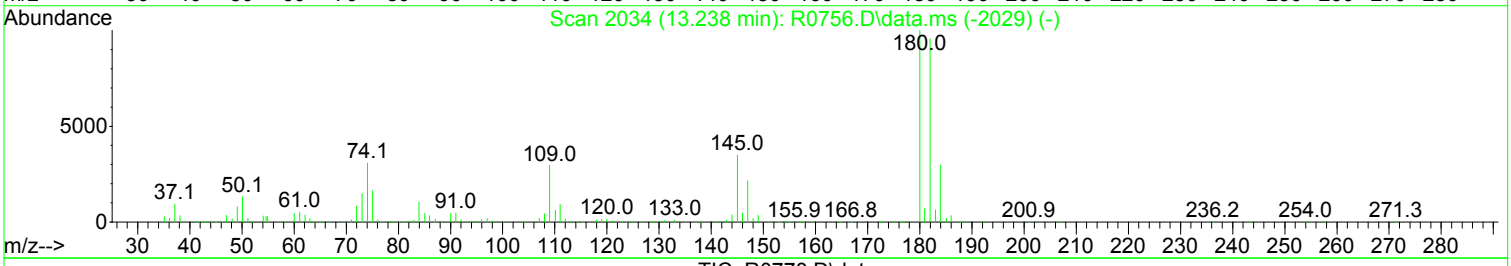
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0778.D\data.ms

(114) 1,2,4-Tcbenzene (P)

13.237min (+ 0.000) 0.25 ug/L m

response 238

Ion	Exp%	Act%
180.00	100.00	100.00
182.00	95.70	57.81#
145.00	34.90	34.90
0.00	0.00	0.00

Manual Integration:

After

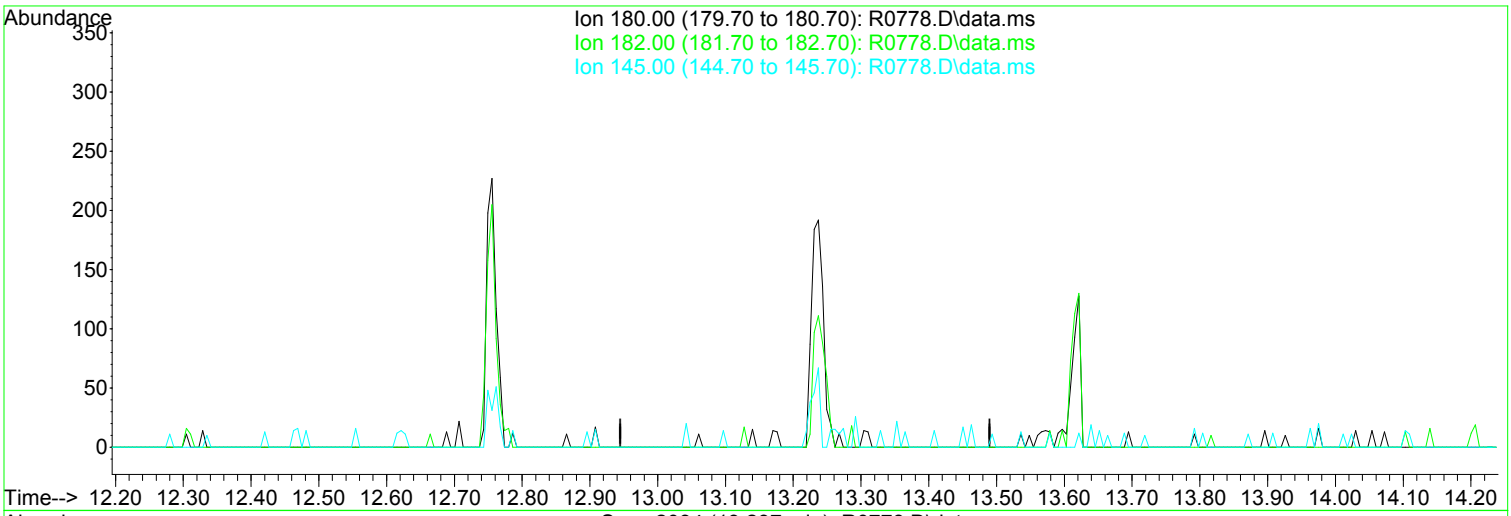
Peak not found.

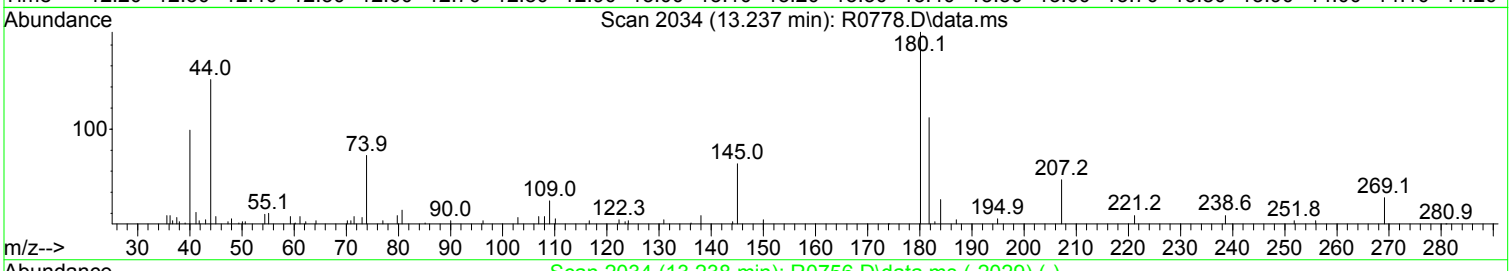
03/17/25

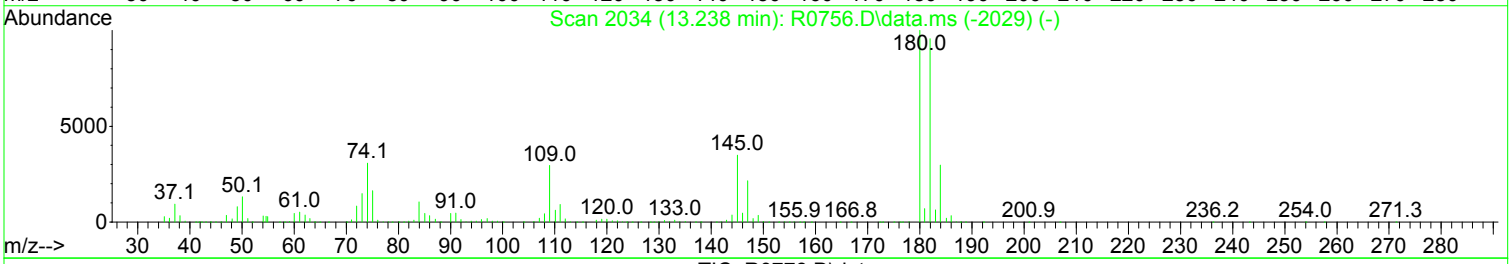
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0778.D\data.ms

(114) 1,2,4-Tcbenzene (P)

13.237min (-13.237) 0.00 ug/L

response 0

Ion	Exp%	Act%
180.00	100.00	0.00
182.00	95.70	0.00#
145.00	34.90	0.00#
0.00	0.00	0.00

Manual Integration:

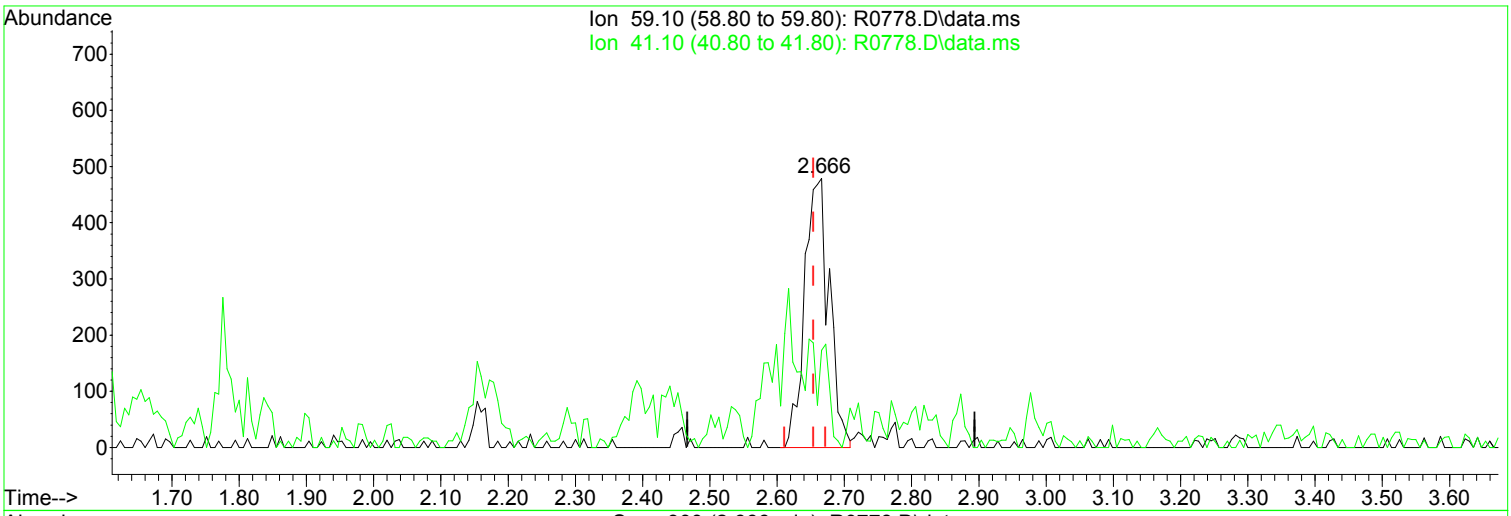
Before

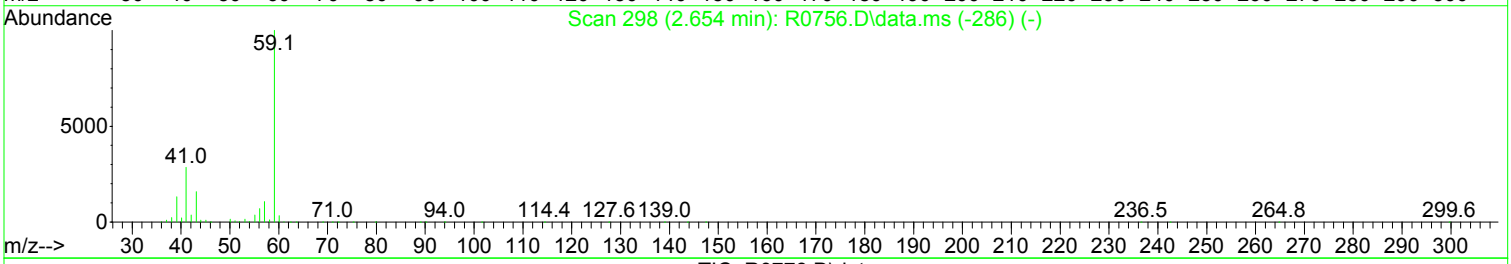
03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration





TIC: R0778.D\data.ms

(23) TBA

2.666min (+ 0.012) 1.96 ug/L m

response 1214

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	28.90	36.12
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

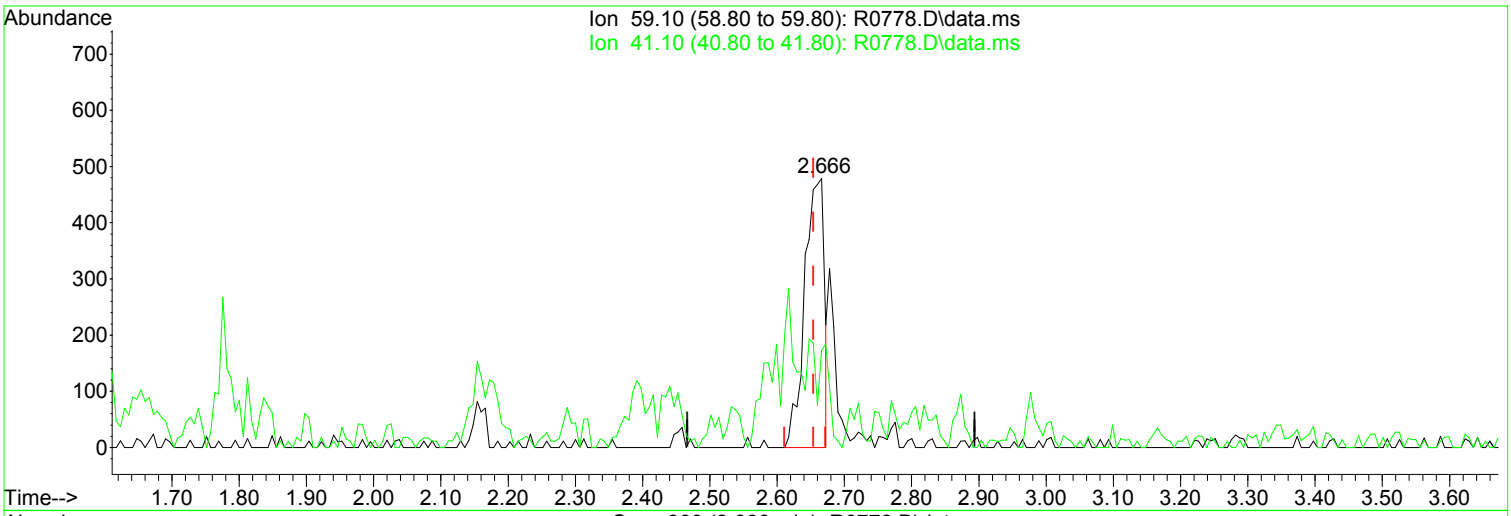
Poor integration.

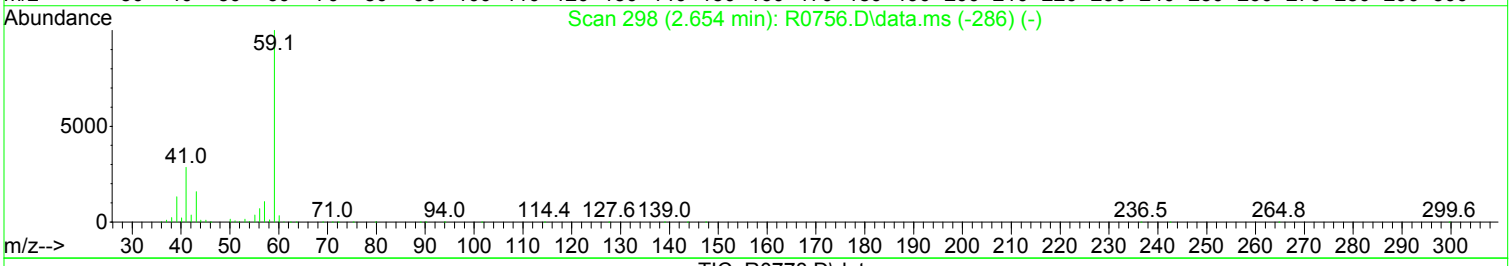
03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration





TIC: R0778.D\data.ms

(23) TBA

2.666min (+ 0.012) 1.56 ug/L

response 964

Ion	Exp%	Act%
59.10	100.00	100.00
41.10	28.90	36.12
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

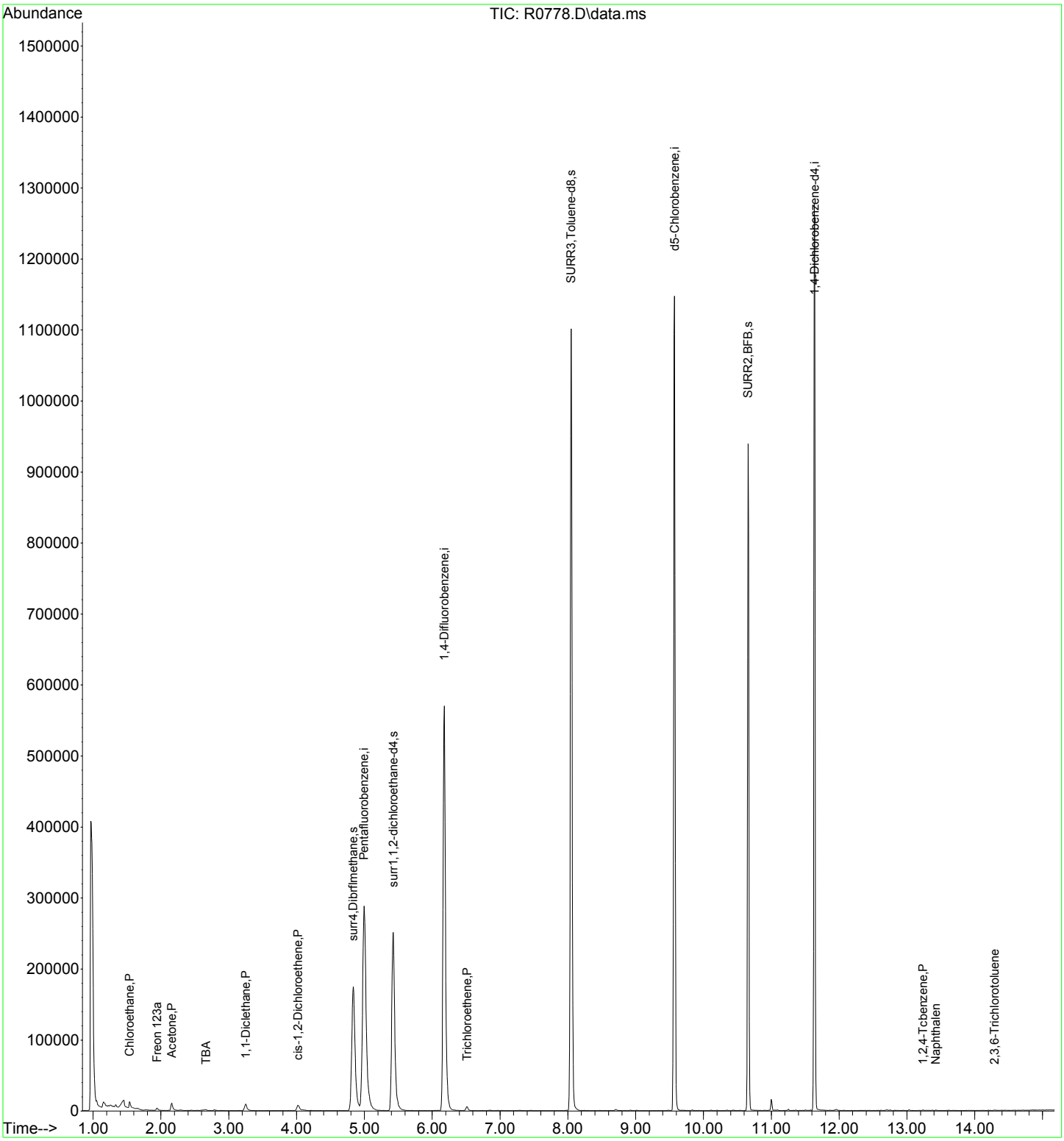
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	335730	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	560934	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	482935	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	234891	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	182187	48.75	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 97.50%				
47) surr1,1,2-dichloroetha...	5.428	65	273693	51.86	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.72%				
64) SURR3,Toluene-d8	8.049	98	640128	48.80	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 97.60%				
69) SURR2,BFB	10.658	95	238195	47.59	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 95.18%				
Target Compounds							Qvalue
7) Chloroethane	1.538	64	6728	2.463	ug/L		98
11) Freon 123a	1.940	67	1549	0.447	ug/L		85
16) Acetone	2.160	43	13912	4.806	ug/L		94
23) TBA	2.666	59	1214m	1.959	ug/L		
27) 1,1-Diclethane	3.251	63	11415	1.671	ug/L		95
33) cis-1,2-Dichloroethene	4.019	96	2207	0.624	ug/L	#	76
53) Trichloroethene	6.513	130	2188	0.597	ug/L		94
114) 1,2,4-Tcbenzene	13.237	180	238m	0.252	ug/L		
116) Naphthalen	13.426	128	407	0.529	ug/L		71
119) 2,3,6-Trichlorotoluene	14.292	159	105	0.869	ug/L	#	67

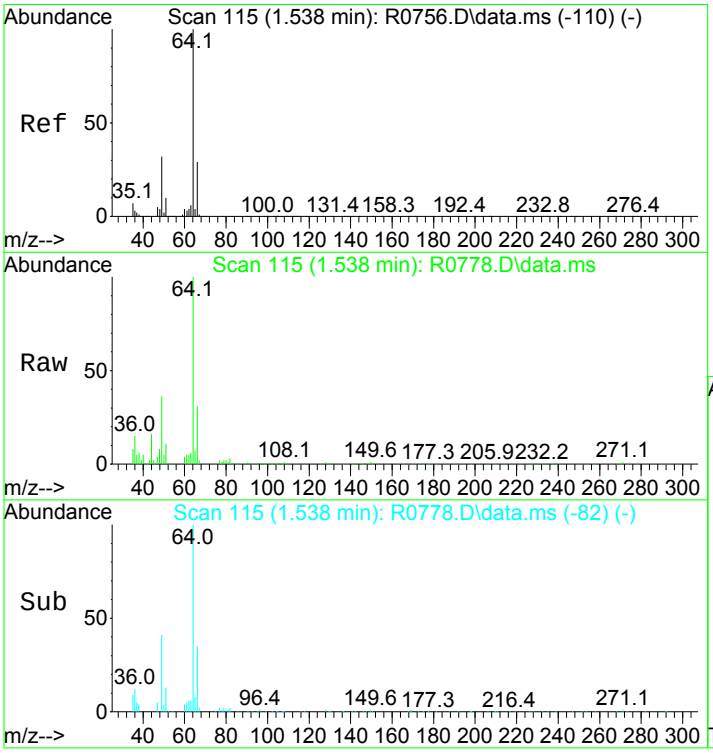
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0778.D
Acq On : 13 Mar 2025 03:16 pm
Operator : K.Ruest
Sample : R2502494-007
Misc : VERINA 8260 T4
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 17:02:10 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

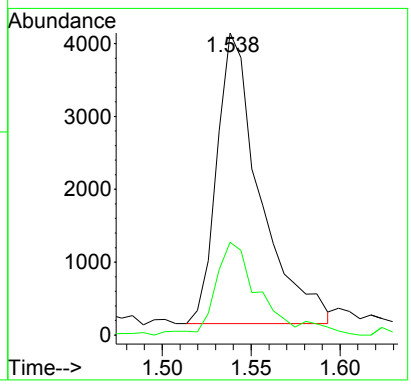


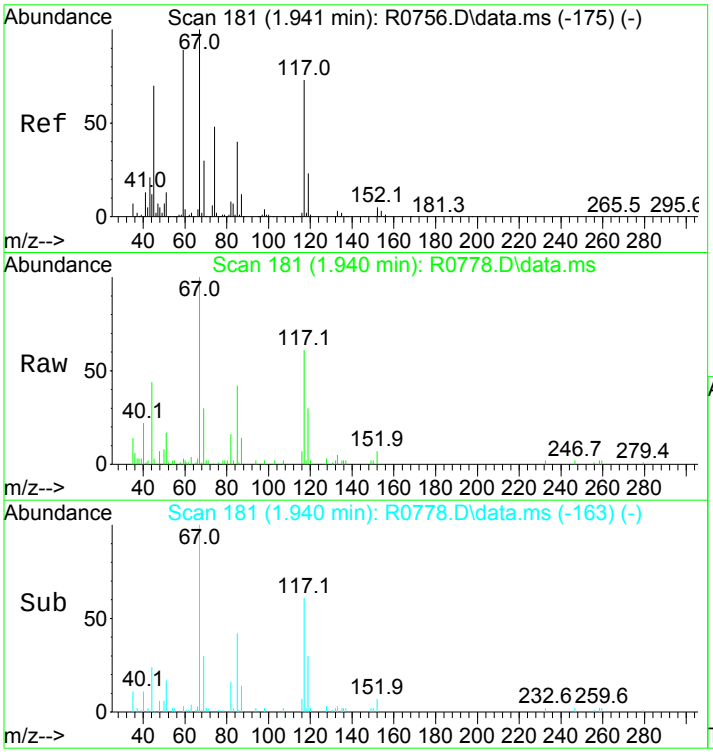


#7
Chloroethane
Concen: 2.46 ug/L
RT: 1.538 min Scan# 115
Delta R.T. 0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 64 Resp: 6728

Ion	Ratio	Lower	Upper
64	100		
66	30.7	9.4	49.4

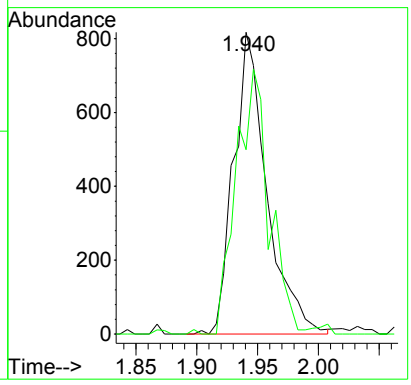


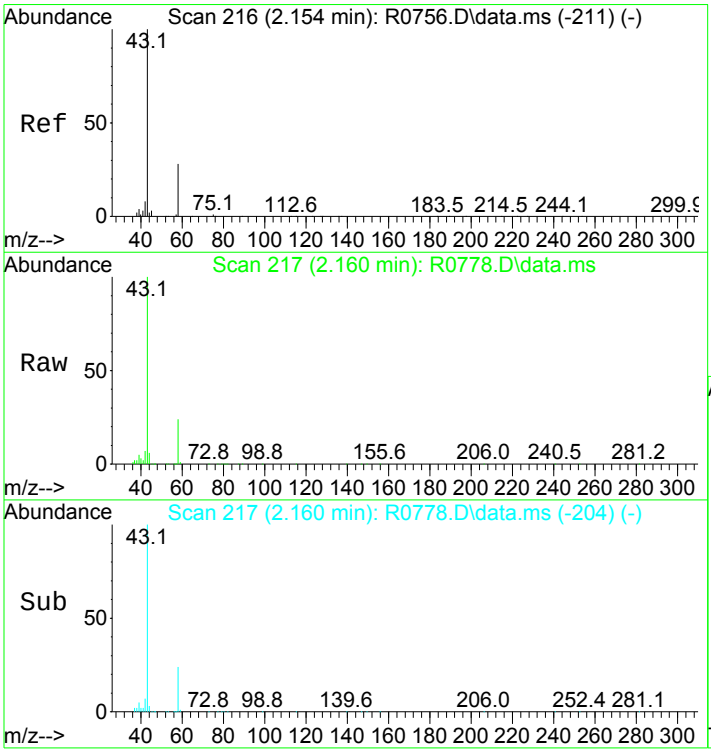


#11
Freon 123a
Concen: 0.45 ug/L
RT: 1.940 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 67 Resp: 1549

Ion	Ratio	Lower	Upper
67	100		
117	61.1	53.9	93.9

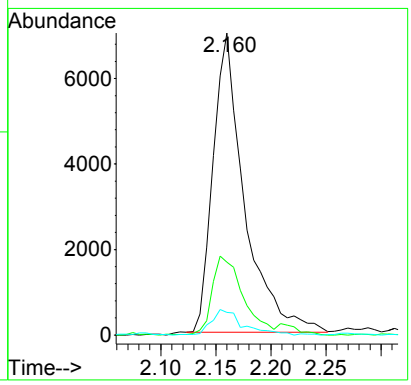


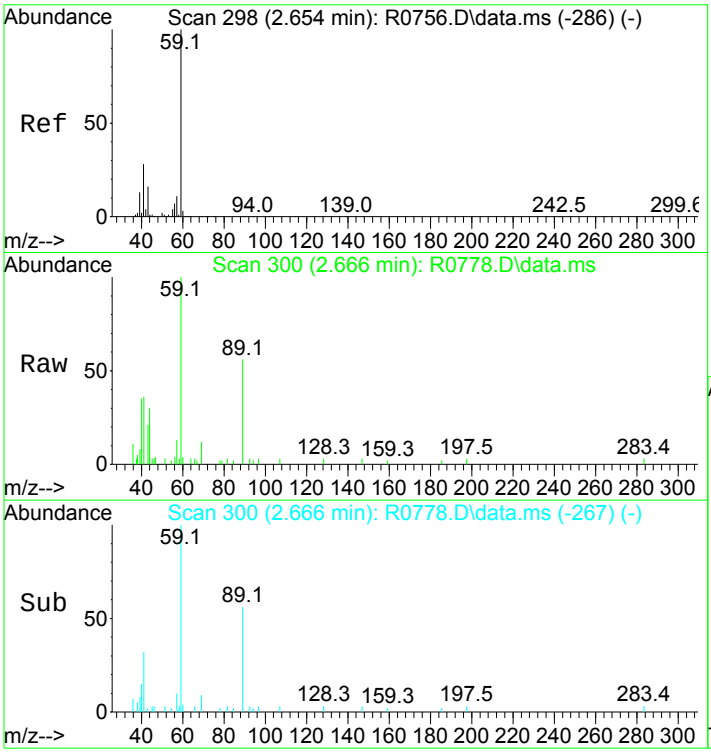


#16
Acetone
Concen: 4.81 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 43 Resp: 13912

Ion	Ratio	Lower	Upper
43	100		
58	24.1	8.0	48.0
42	7.5	0.0	27.8

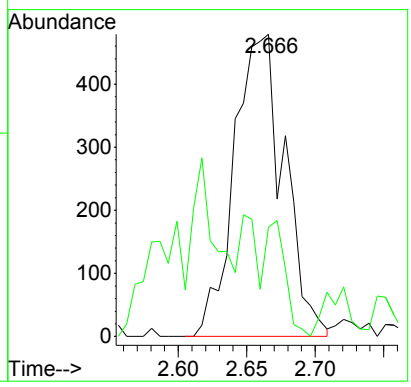


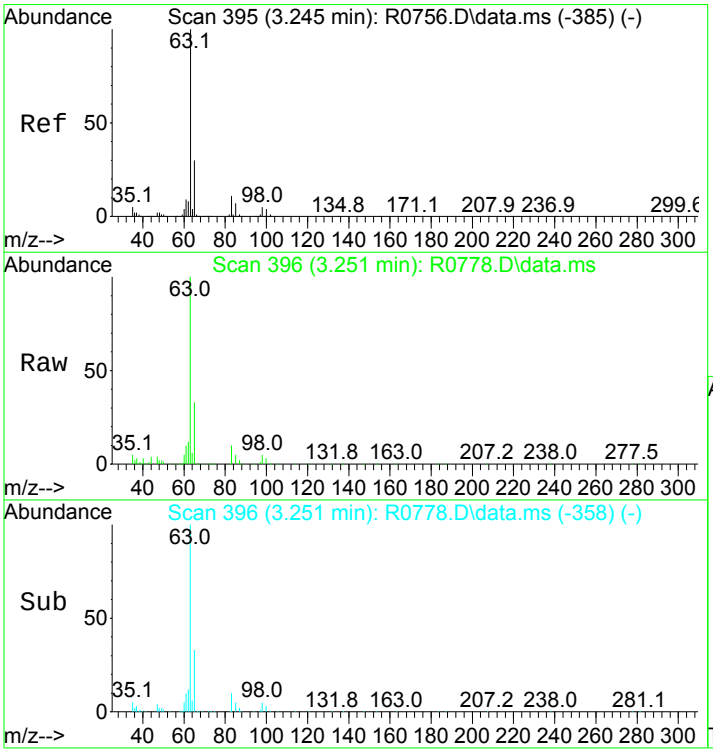


#23
TBA
Concen: 1.96 ug/L m
RT: 2.666 min Scan# 300
Delta R.T. 0.012 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 59 Resp: 1214

Ion	Ratio	Lower	Upper
59	100		
41	36.1	8.9	48.9

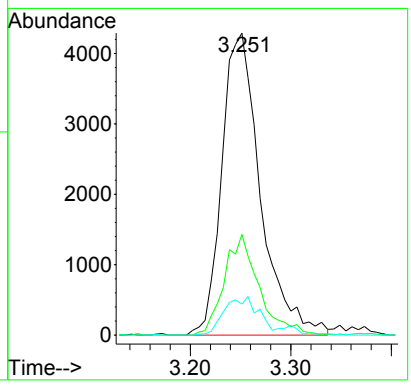


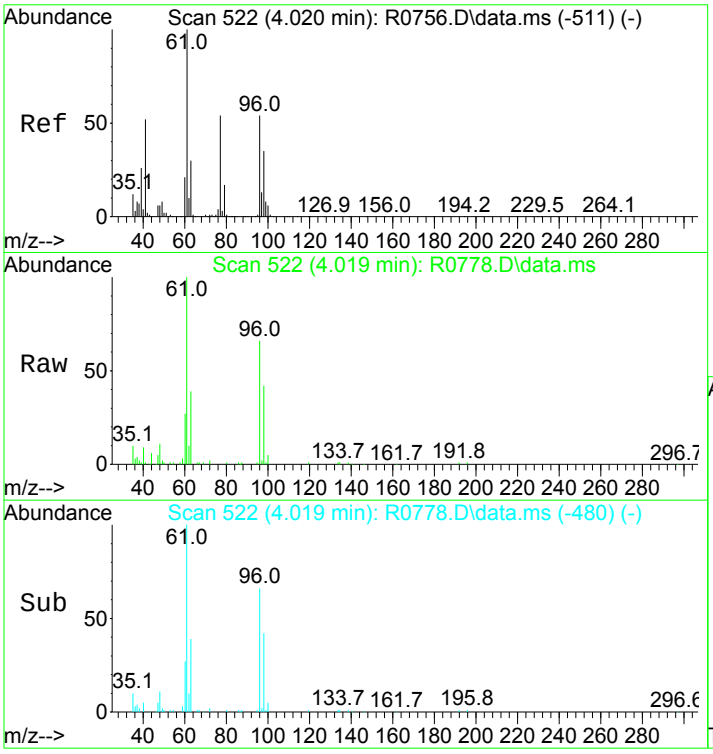


#27
1,1-Diclethane
Concen: 1.67 ug/L
RT: 3.251 min Scan# 396
Delta R.T. 0.006 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 63 Resp: 11415

Ion	Ratio	Lower	Upper
63	100		
65	33.3	9.9	49.9
83	10.3	0.0	31.2

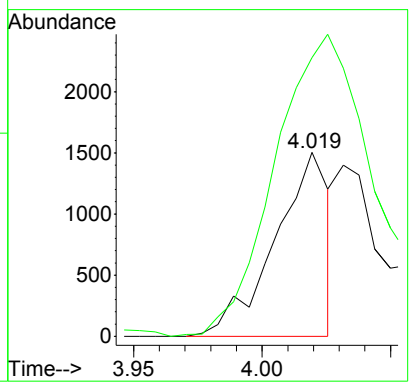


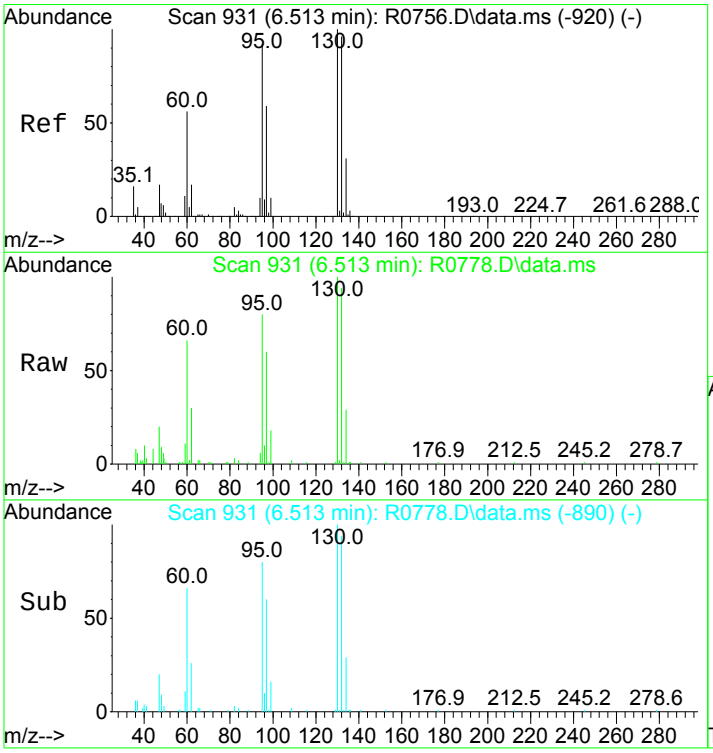


#33
cis-1,2-Dichloroethene
Concen: 0.62 ug/L
RT: 4.019 min Scan# 522
Delta R.T. -0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion: 96 Resp: 2207

Ion	Ratio	Lower	Upper
96	100		
61	151.5	166.8	206.8#

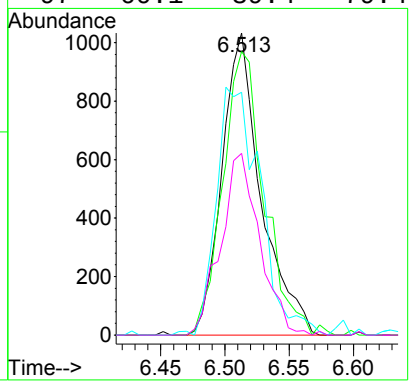


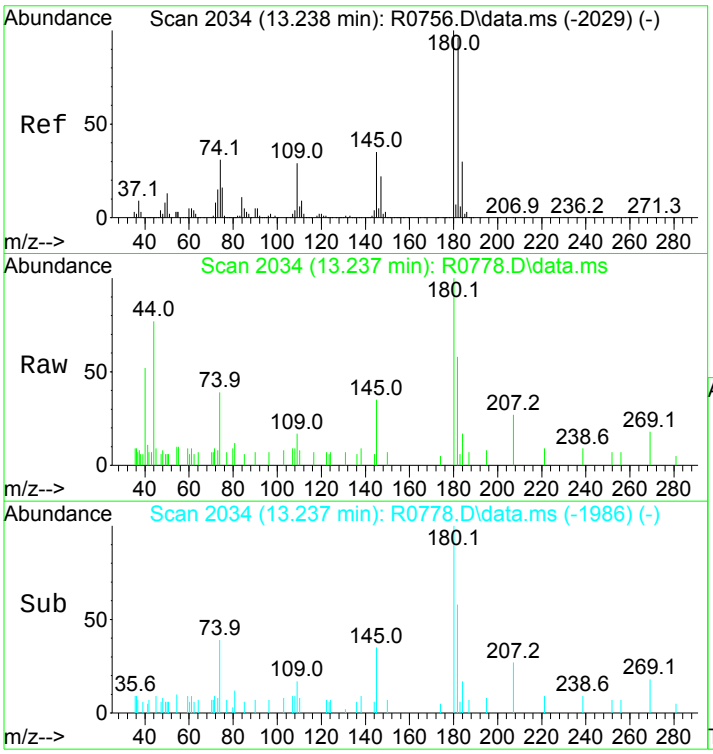


#53
Trichloroethene
Concen: 0.60 ug/L
RT: 6.513 min Scan# 931
Delta R.T. -0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion:130 Resp: 2188

Ion	Ratio	Lower	Upper
130	100		
132	93.9	76.4	116.4
95	80.4	72.1	112.1
97	60.1	39.4	79.4

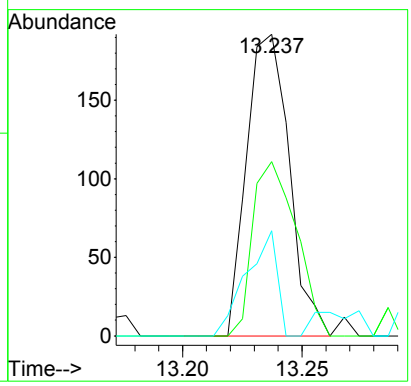


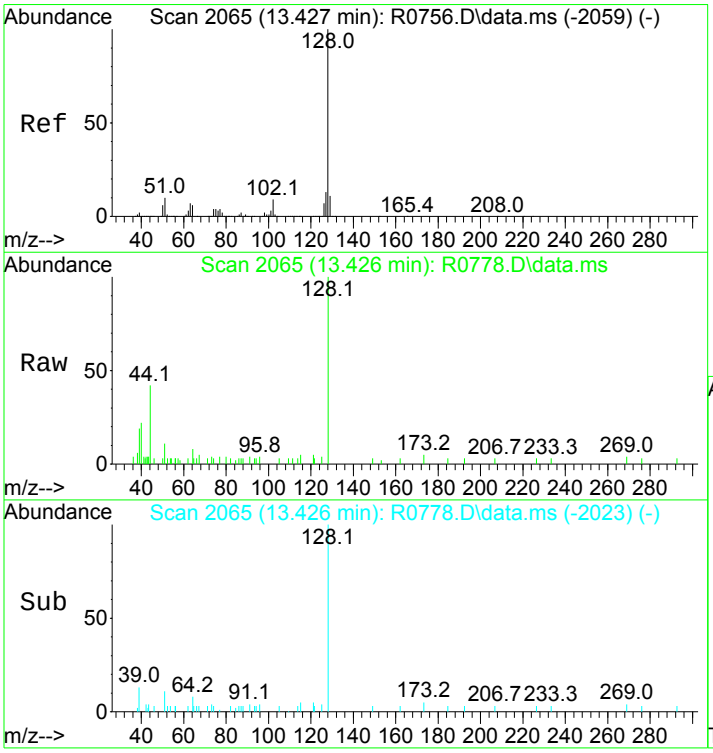


#114
1,2,4-Tcbenzene
Concen: 0.25 ug/L m
RT: 13.237 min Scan# 2034
Delta R.T. 0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion:180 Resp: 238

Ion	Ratio	Lower	Upper
180	100		
182	57.8	75.7	115.7#
145	34.9	14.9	54.9

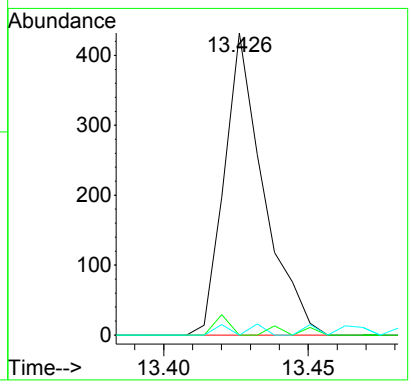


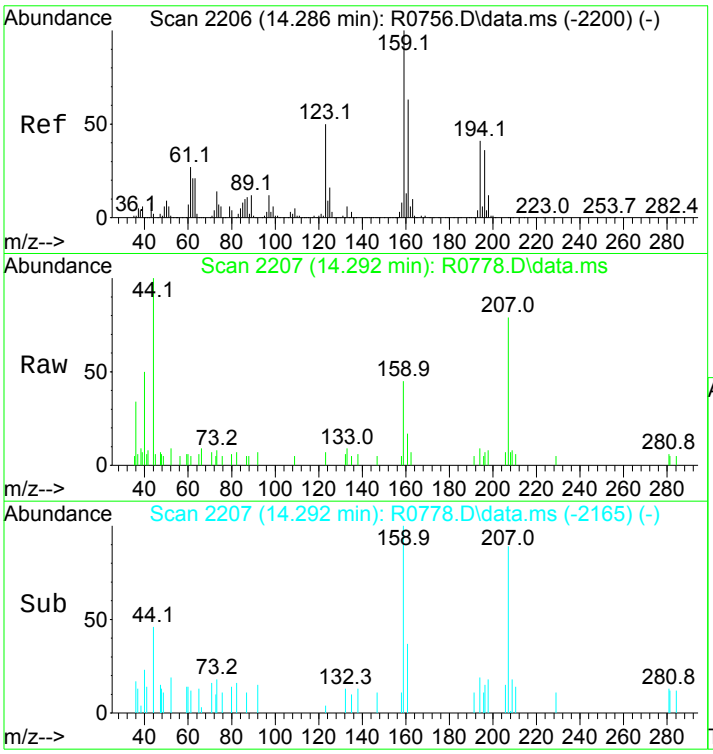


#116
Naphthalen
Concen: 0.53 ug/L
RT: 13.426 min Scan# 2065
Delta R.T. 0.000 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion:128 Resp: 407

Ion	Ratio	Lower	Upper
128	100		
127	0.0	0.0	32.8
102	0.0	0.0	29.1

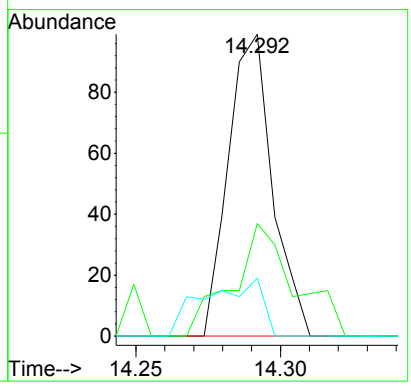




#119
2,3,6-Trichlorotoluene
Concen: 0.87 ug/L
RT: 14.292 min Scan# 2207
Delta R.T. 0.006 min
Lab File: R0778.D
Acq: 13 Mar 2025 03:16 pm

Tgt Ion:159 Resp: 105

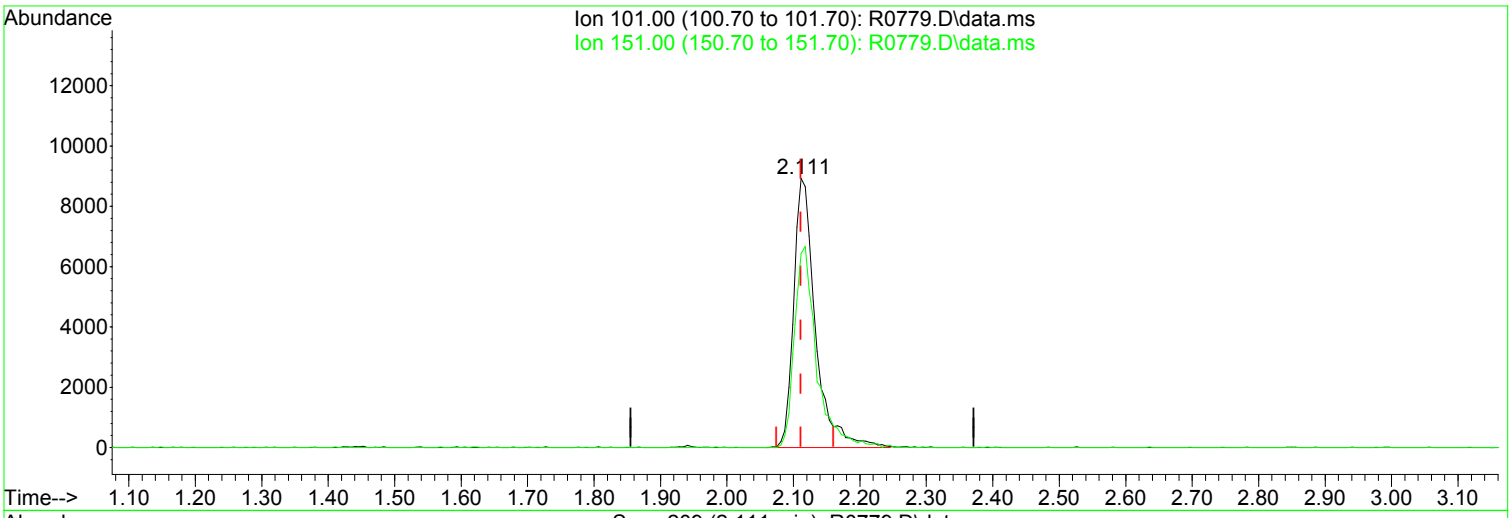
Ion	Ratio	Lower	Upper
159	100		
161	37.4	42.6	82.6#
194	19.2	20.8	60.8#

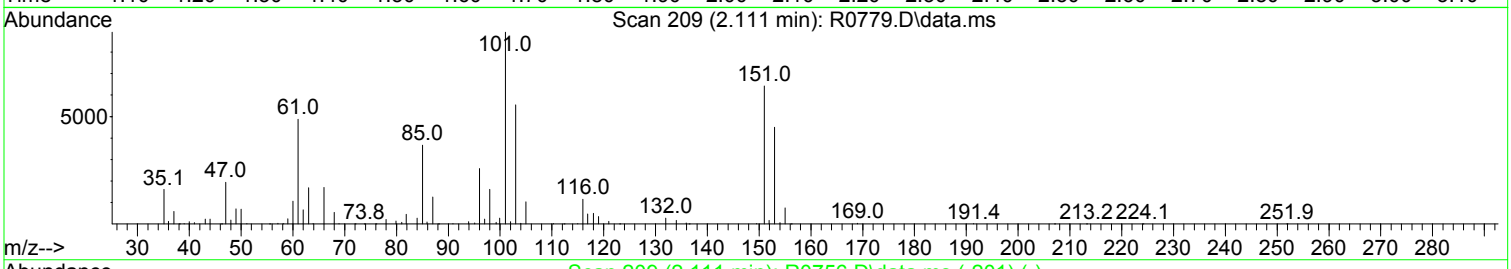


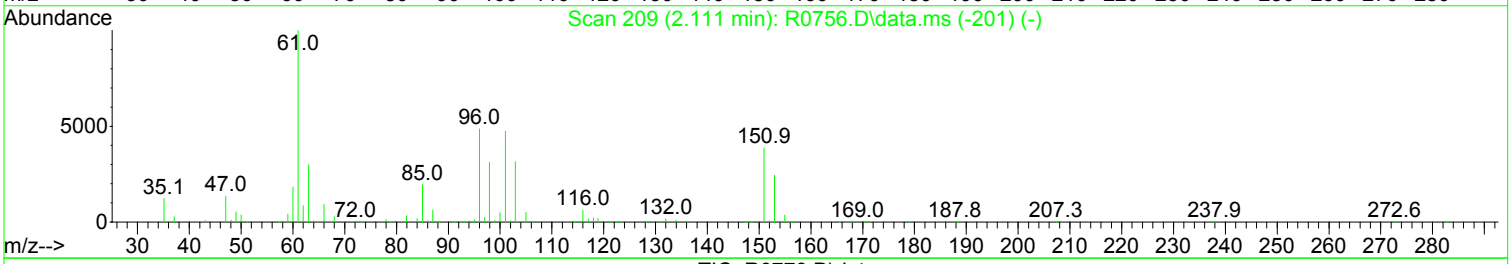
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0779.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 6.56 ug/L m

response 20314

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	72.03
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

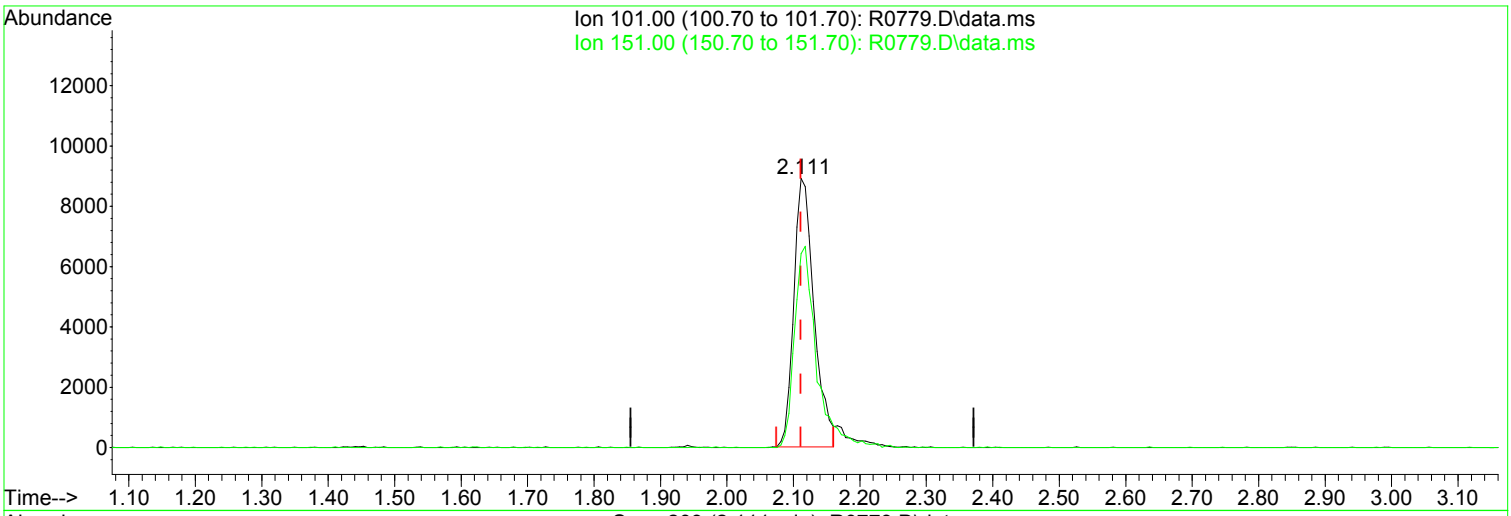
Poor integration.

03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



TIC: R0779.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 6.11 ug/L

response 18911

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	72.03
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

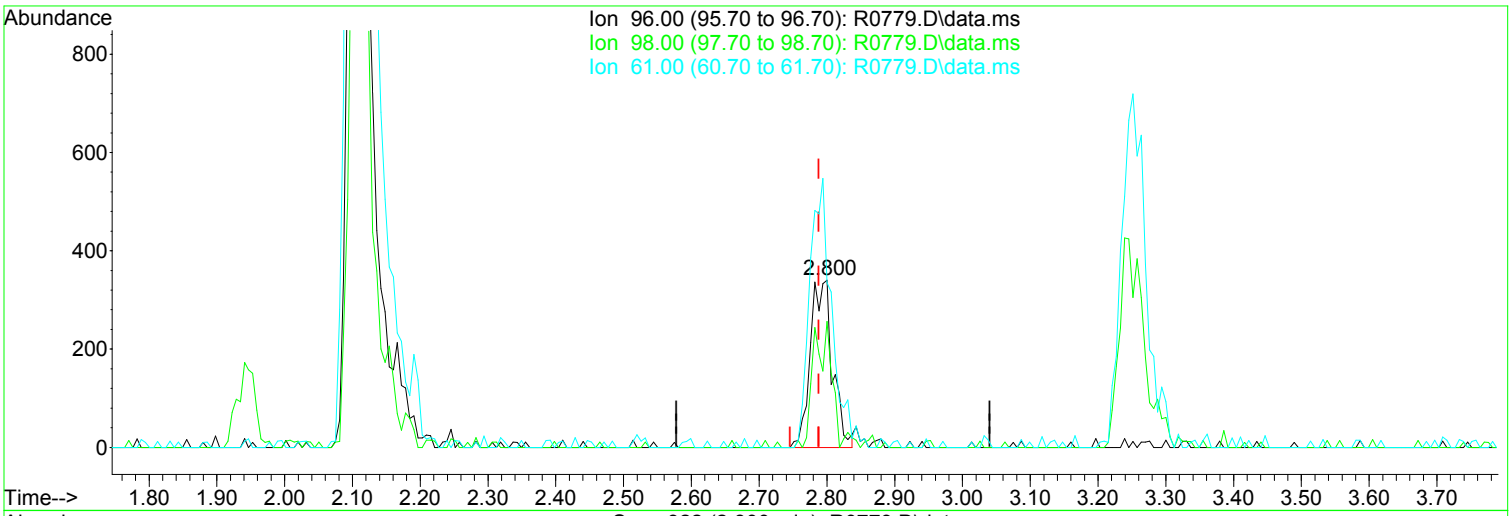
Before

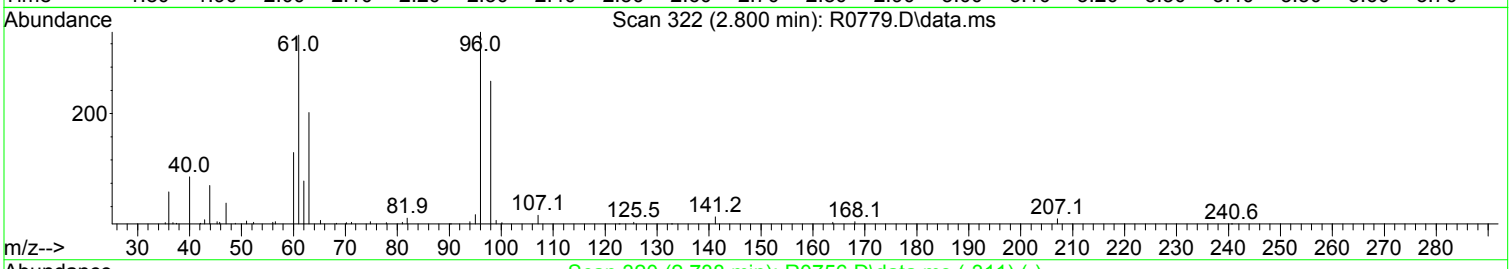
03/17/25

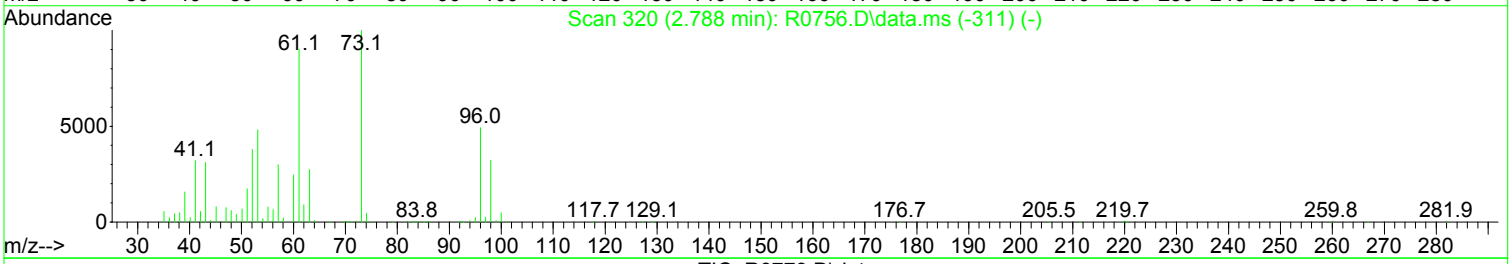
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0779.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.800min (+ 0.012) 0.25 ug/L m

response 775

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	65.30	75.29
61.00	183.00	98.53#
0.00	0.00	0.00

Manual Integration:

After

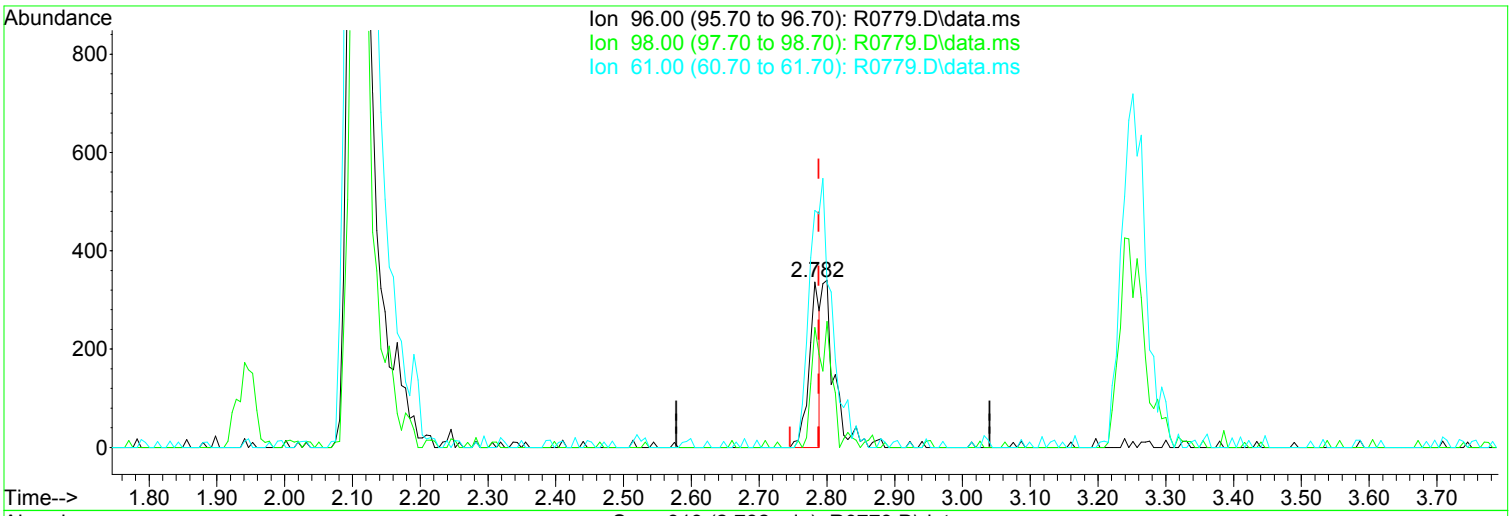
Split Peak.

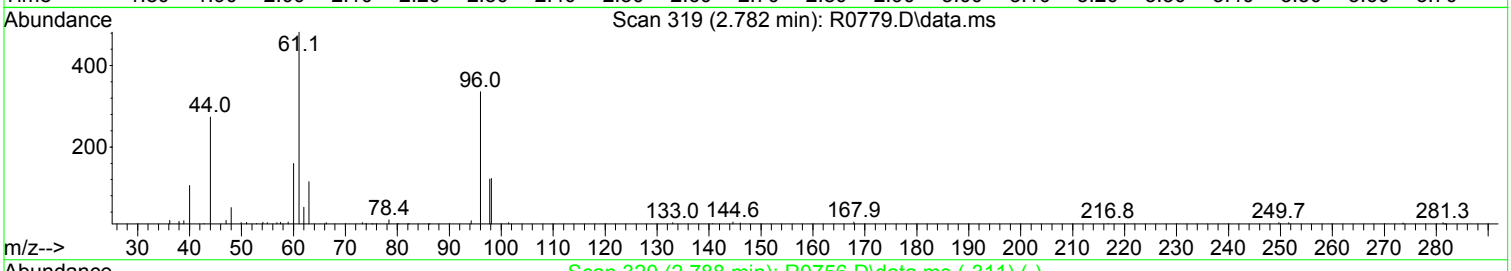
03/17/25

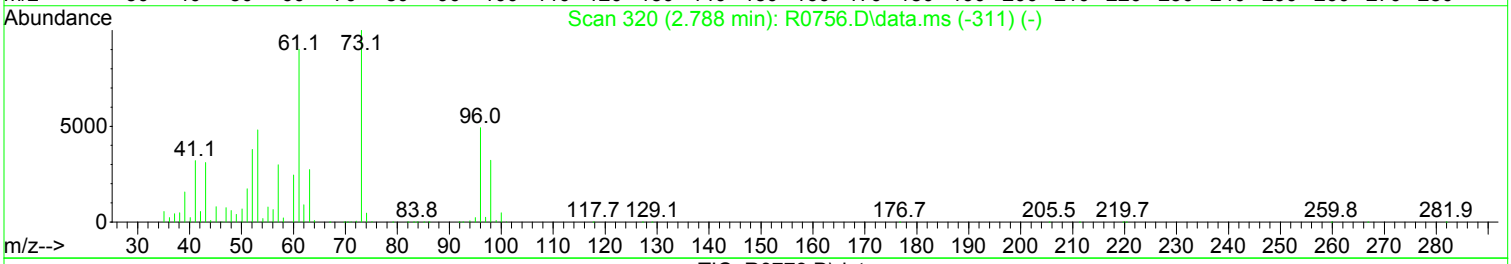
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0779.D\data.ms

(26) trans-1,2-Dichloroethene (P)

2.782min (-0.006) 0.12 ug/L

response 364

Ion	Exp%	Act%
96.00	100.00	100.00
98.00	65.30	72.62
61.00	183.00	143.45#
0.00	0.00	0.00

Manual Integration:

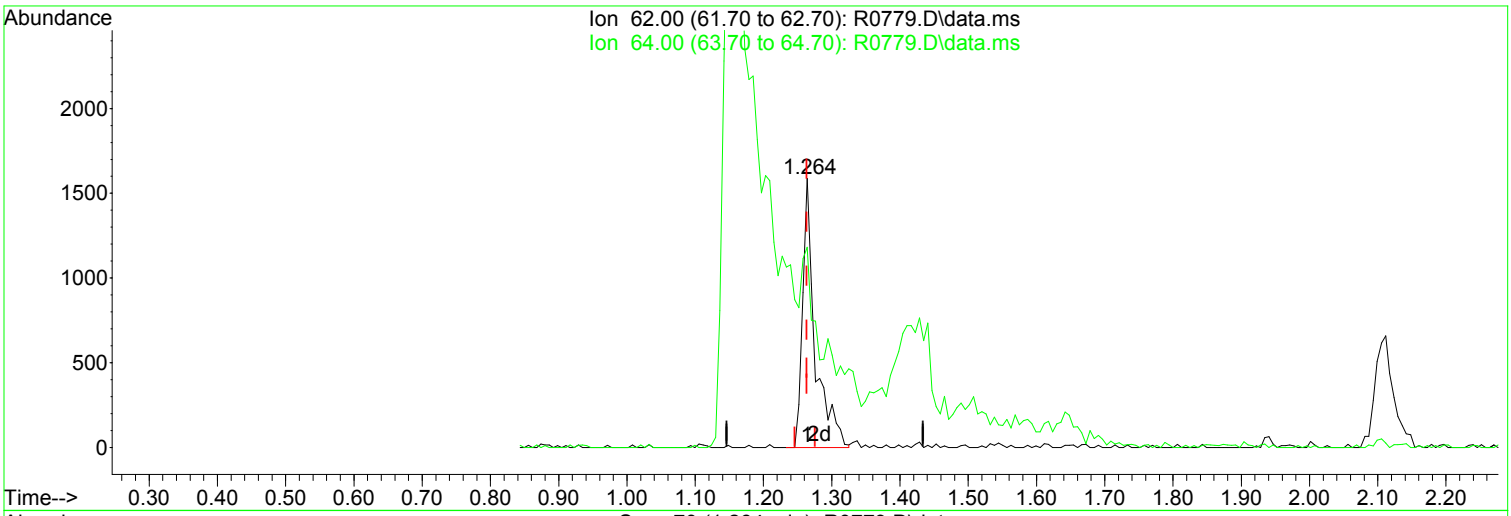
Before

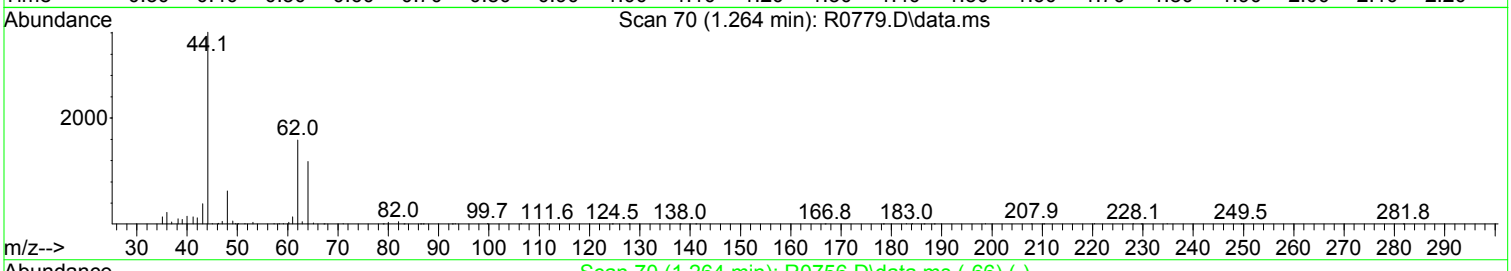
03/17/25

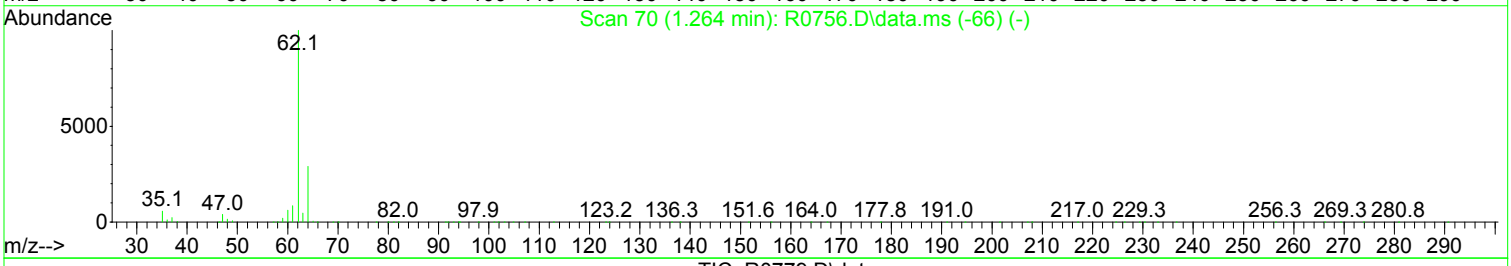
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0779.D\data.ms

(5) Vinyl Chloride (P)

1.264min (-0.000) 0.49 ug/L m

response 2036

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	29.50	74.48#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

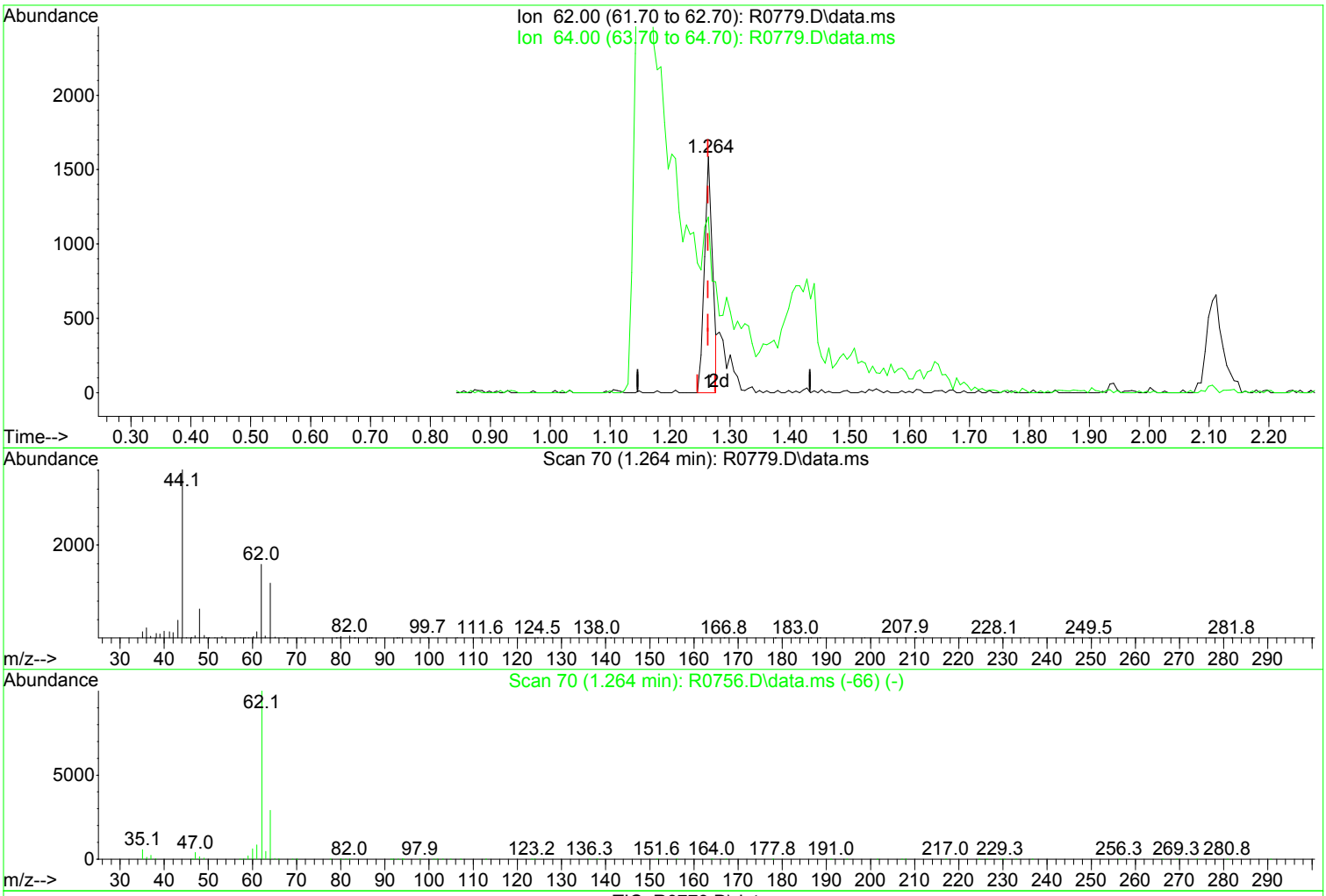
Split Peak.

03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



TIC: R0779.D\data.ms

(5) Vinyl Chloride (P)

1.264min (-0.000) 0.36 ug/L

response 1501

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	29.50	74.48#
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4 repeat 2.0
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

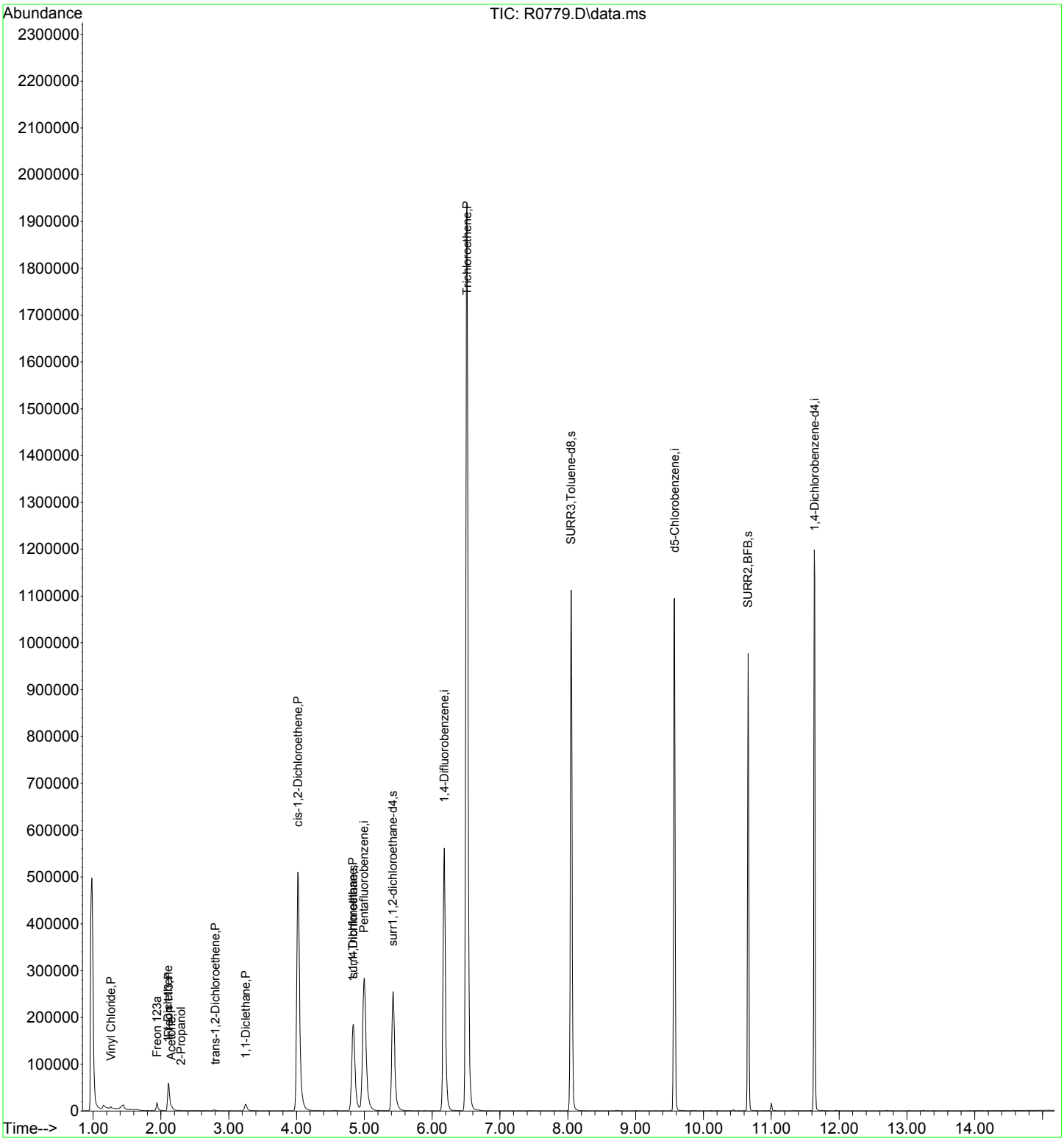
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	329872	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	552972	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	469633	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	221598	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.837	113	184560	50.09	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.18%				
47) surr1,1,2-dichloroetha...	5.422	65	274317	52.73	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 105.46%				
64) SURR3,Toluene-d8	8.049	98	645050	49.88	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 99.76%				
69) SURR2,BFB	10.659	95	241015	48.85	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 97.70%				
Target Compounds							Qvalue
5) Vinyl Chloride	1.264	62	2036m	0.487	ug/L		
11) Freon 123a	1.941	67	8551	2.514	ug/L		91
14) 1,1-Diclethene	2.105	96	5158	1.762	ug/L		93
15) Freon 113	2.111	101	20314m	6.562	ug/L		
16) Acetone	2.154	43	6837	2.404	ug/L		98
17) 2-Propanol	2.294	45	519	1.185	ug/L		81
26) trans-1,2-Dichloroethene	2.800	96	775m	0.246	ug/L		
27) 1,1-Diclethane	3.251	63	19262	2.870	ug/L		99
33) cis-1,2-Dichloroethene	4.020	96	289414	83.332	ug/L		88
40) 1,1,1-Trichloroethane	4.830	97	10313	2.052	ug/L	#	84
53) Trichloroethene	6.513	130	755390	209.204	ug/L		99 E-Over Calibration

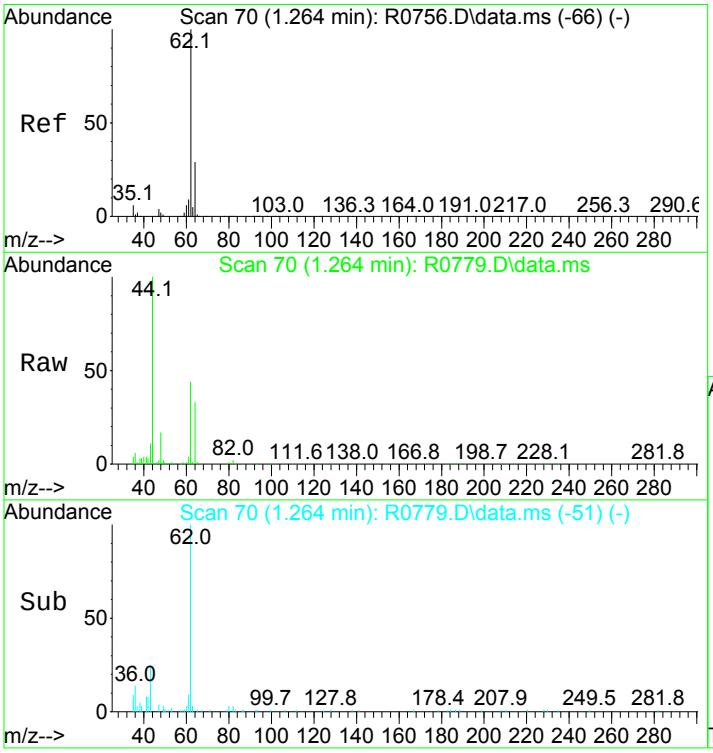
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0779.D
Acq On : 13 Mar 2025 03:39 pm
Operator : K.Ruest
Sample : R2502494-008
Misc : VERINA 8260 T4
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 13 17:02:16 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

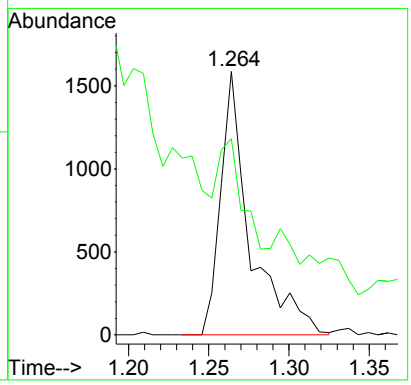


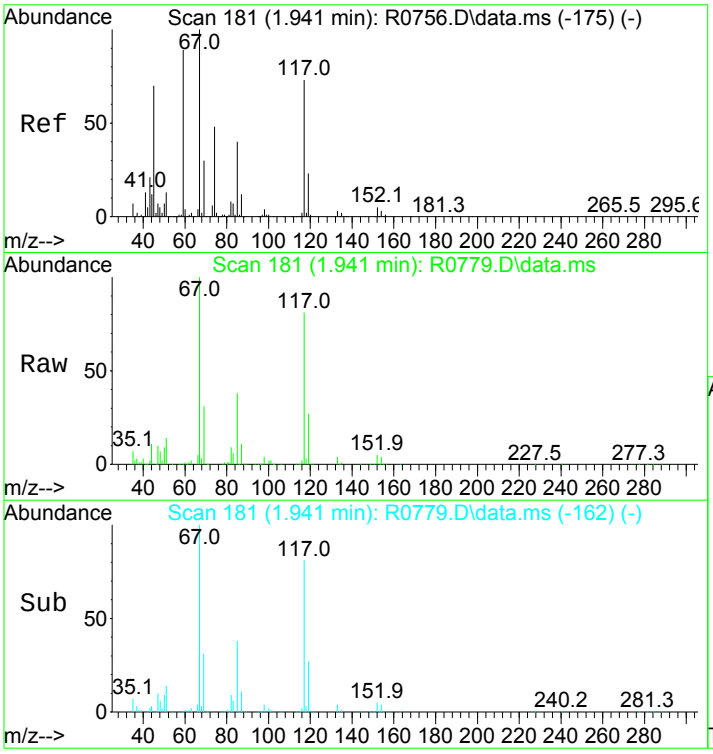


#5
Vinyl Chloride
Concen: 0.49 ug/L m
RT: 1.264 min Scan# 70
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 62 Resp: 2036

Ion	Ratio	Lower	Upper
62	100		
64	74.5	9.5	49.5#

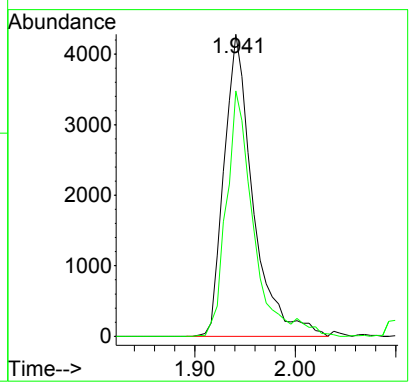


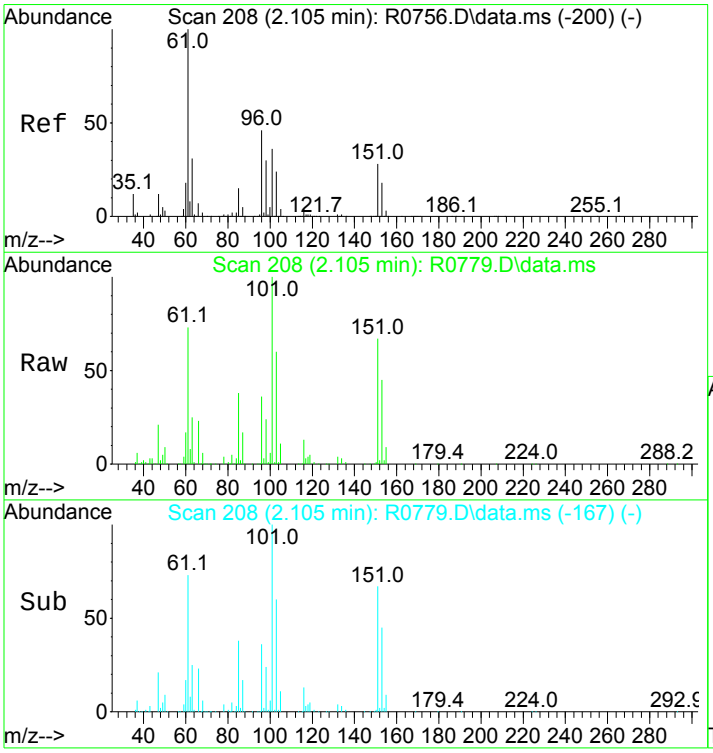


#11
Freon 123a
Concen: 2.51 ug/L
RT: 1.941 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 67 Resp: 8551

Ion	Ratio	Lower	Upper
67	100		
117	81.3	53.9	93.9

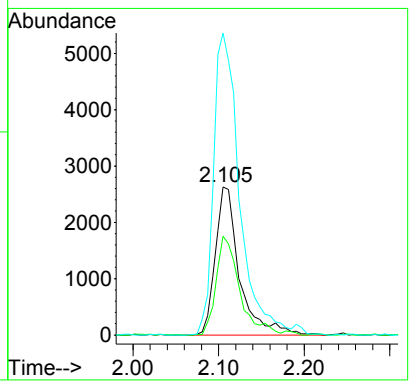


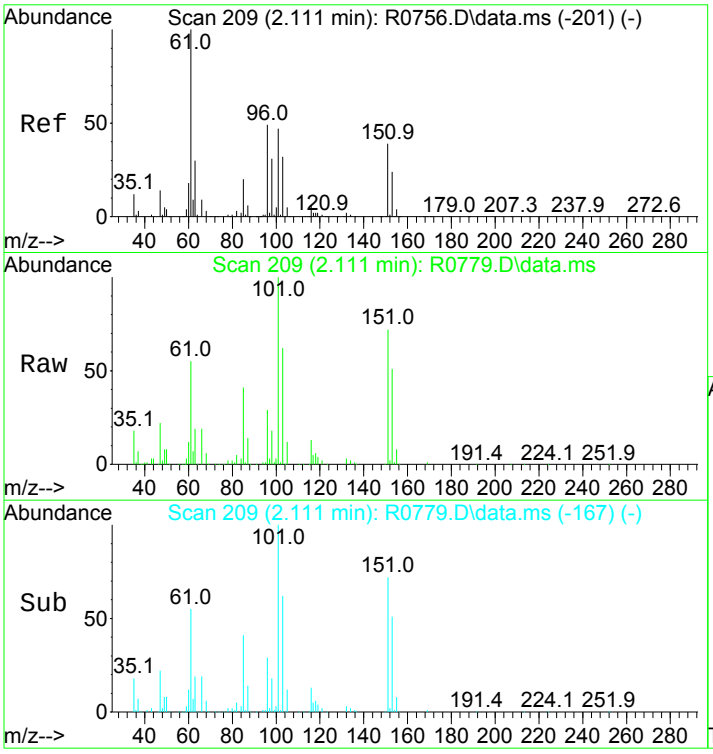


#14
1,1-Diclethene
Concen: 1.76 ug/L
RT: 2.105 min Scan# 208
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 96 Resp: 5158

Ion	Ratio	Lower	Upper
96	100		
98	66.6	44.1	84.1
61	203.9	196.1	236.1

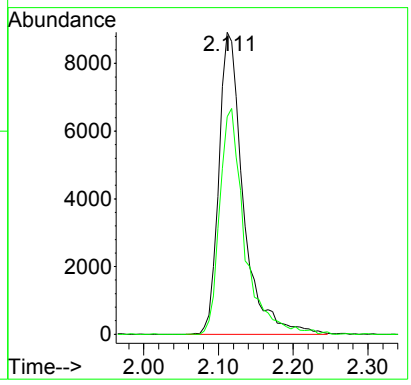


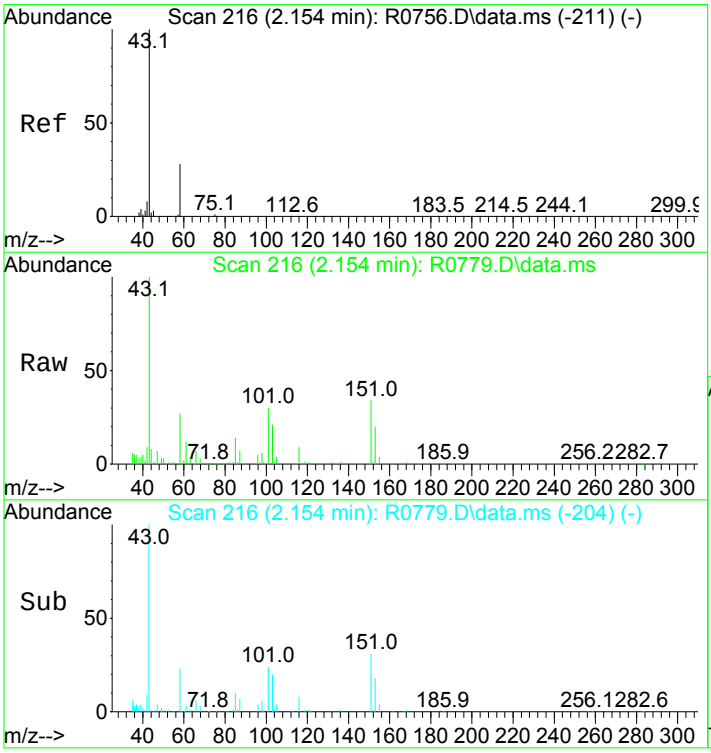


#15
Freon 113
Concen: 6.56 ug/L m
RT: 2.111 min Scan# 209
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion:101 Resp: 20314

Ion	Ratio	Lower	Upper
101	100		
151	72.0	61.7	101.7

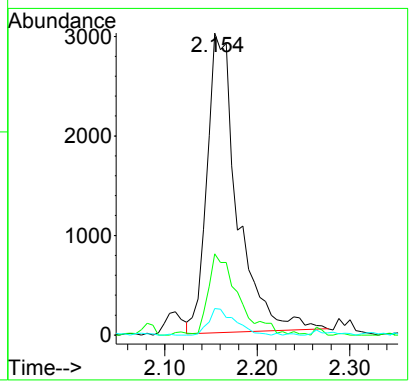


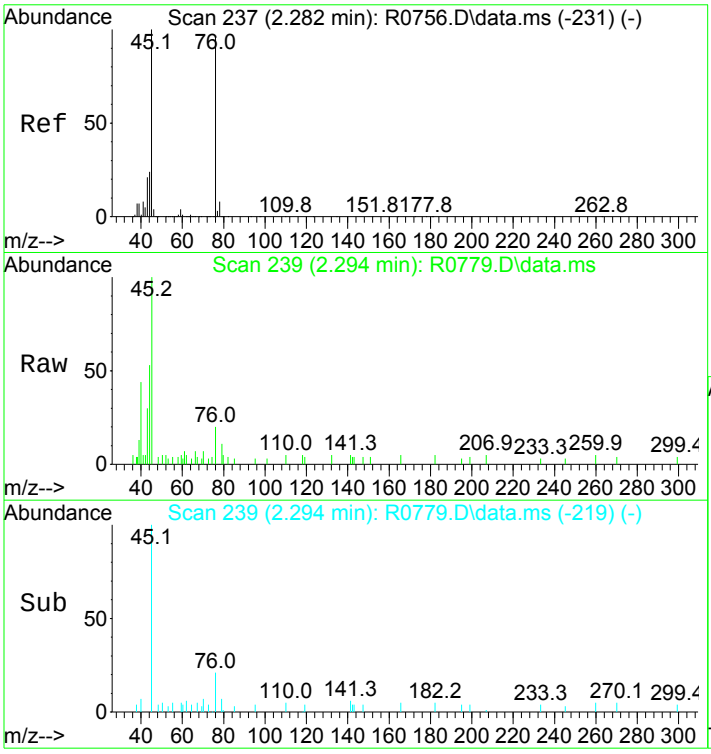


#16
Acetone
Concen: 2.40 ug/L
RT: 2.154 min Scan# 216
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 43 Resp: 6837

Ion	Ratio	Lower	Upper
43	100		
58	27.3	8.0	48.0
42	8.7	0.0	27.8

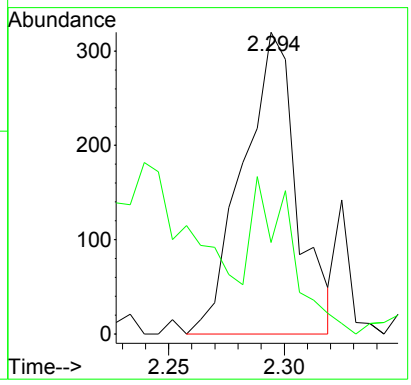


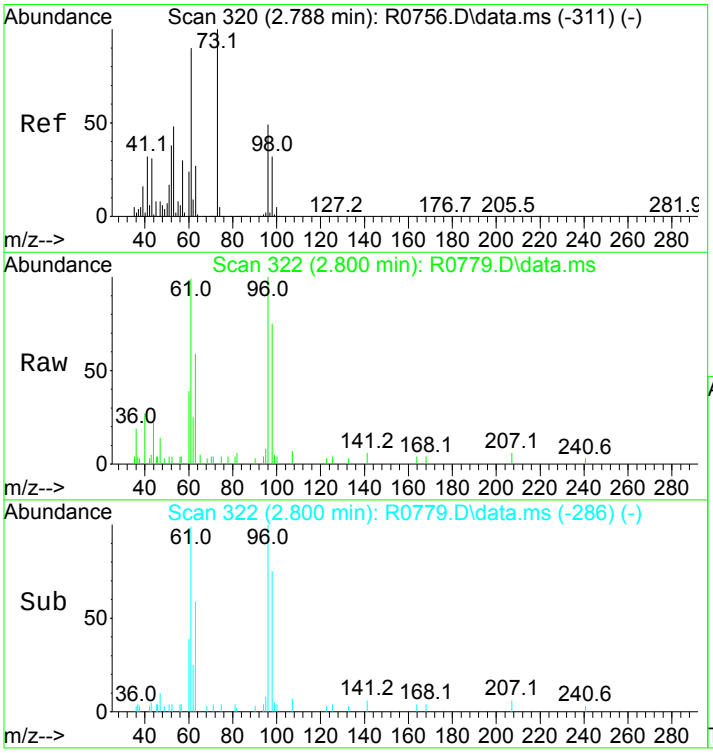


#17
2-Propanol
Concen: 1.18 ug/L
RT: 2.294 min Scan# 239
Delta R.T. 0.012 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 45 Resp: 519

Ion	Ratio	Lower	Upper
45	100		
43	30.3	1.5	41.5

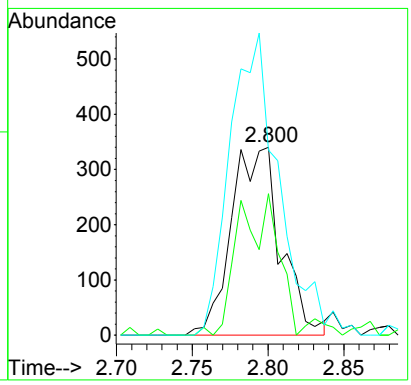


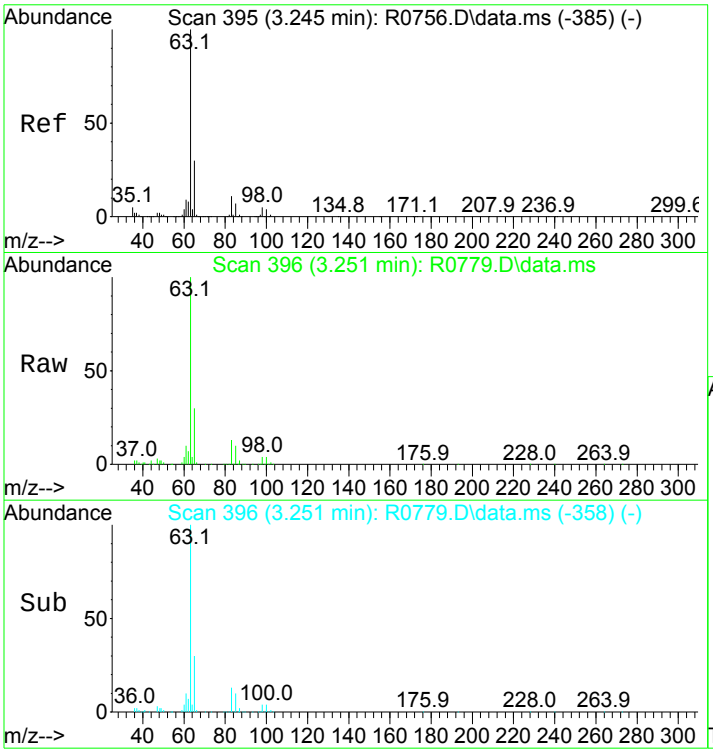


#26
trans-1,2-Dichloroethene
Concen: 0.25 ug/L m
RT: 2.800 min Scan# 322
Delta R.T. 0.012 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 96 Resp: 775

Ion	Ratio	Lower	Upper
96	100		
98	75.3	45.3	85.3
61	98.5	163.0	203.0#

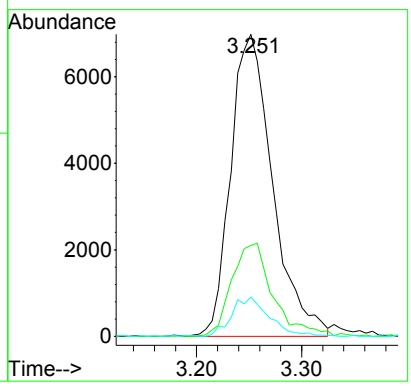


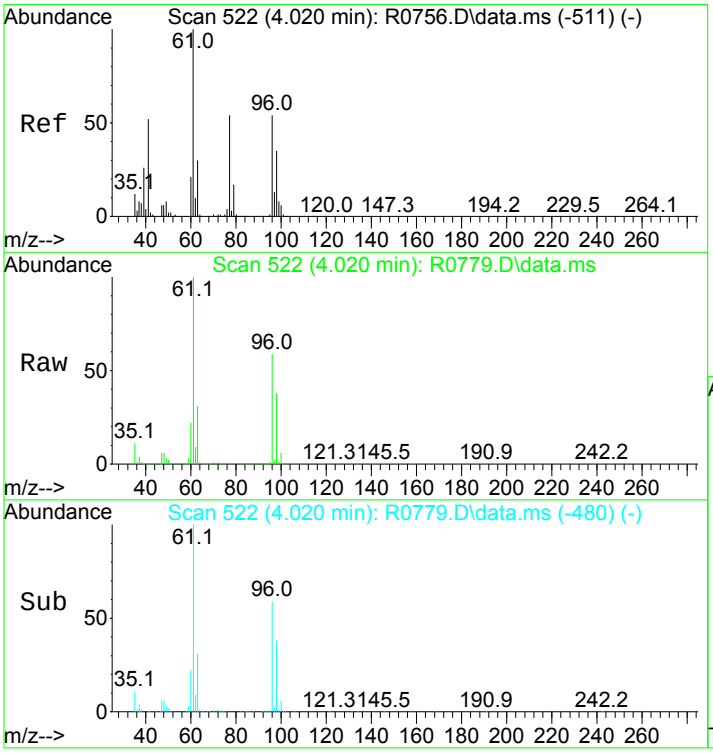


#27
1,1-Diclethane
Concen: 2.87 ug/L
RT: 3.251 min Scan# 396
Delta R.T. 0.006 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 63 Resp: 19262

Ion	Ratio	Lower	Upper
63	100		
65	30.1	9.9	49.9
83	13.0	0.0	31.2

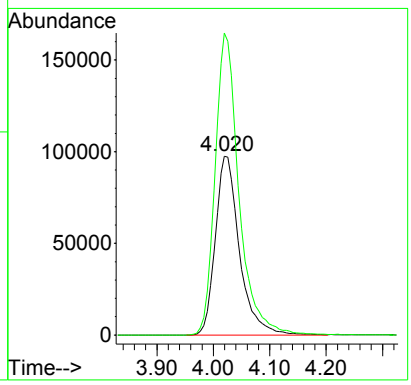


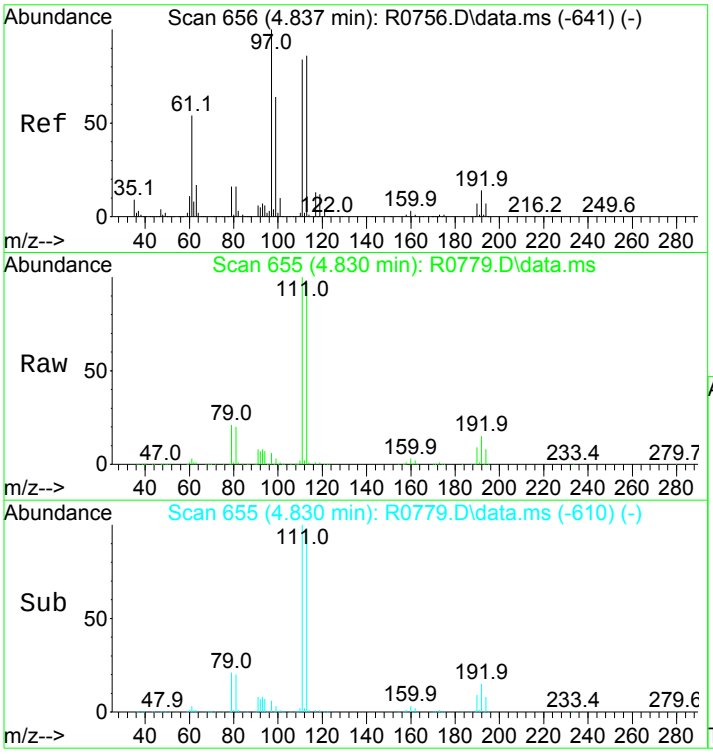


#33
cis-1,2-Dichloroethene
Concen: 83.33 ug/L
RT: 4.020 min Scan# 522
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 96 Resp: 289414

Ion	Ratio	Lower	Upper
96	100		
61	168.9	166.8	206.8

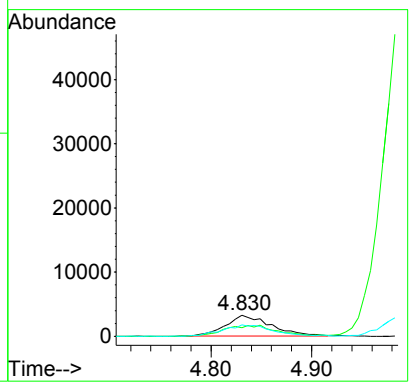


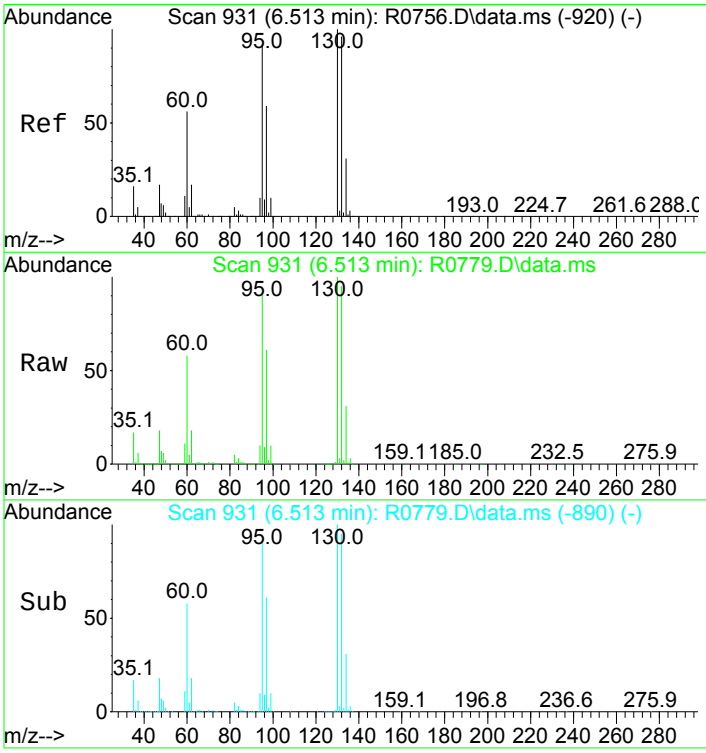


#40
1,1,1-Trichloroethane
Concen: 2.05 ug/L
RT: 4.830 min Scan# 655
Delta R.T. -0.006 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion: 97 Resp: 10313

Ion	Ratio	Lower	Upper
97	100		
99	41.0	43.6	83.6#
61	54.4	33.6	73.6

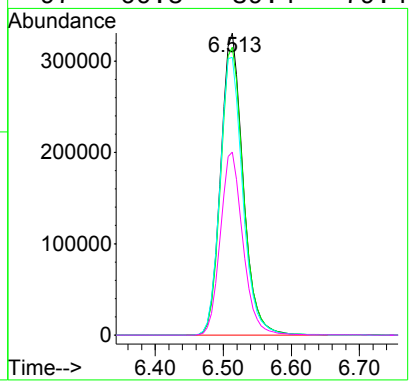




#53
Trichloroethene
Concen: 209.20 ug/L
RT: 6.513 min Scan# 931
Delta R.T. -0.000 min
Lab File: R0779.D
Acq: 13 Mar 2025 03:39 pm

Tgt Ion:130 Resp: 755390

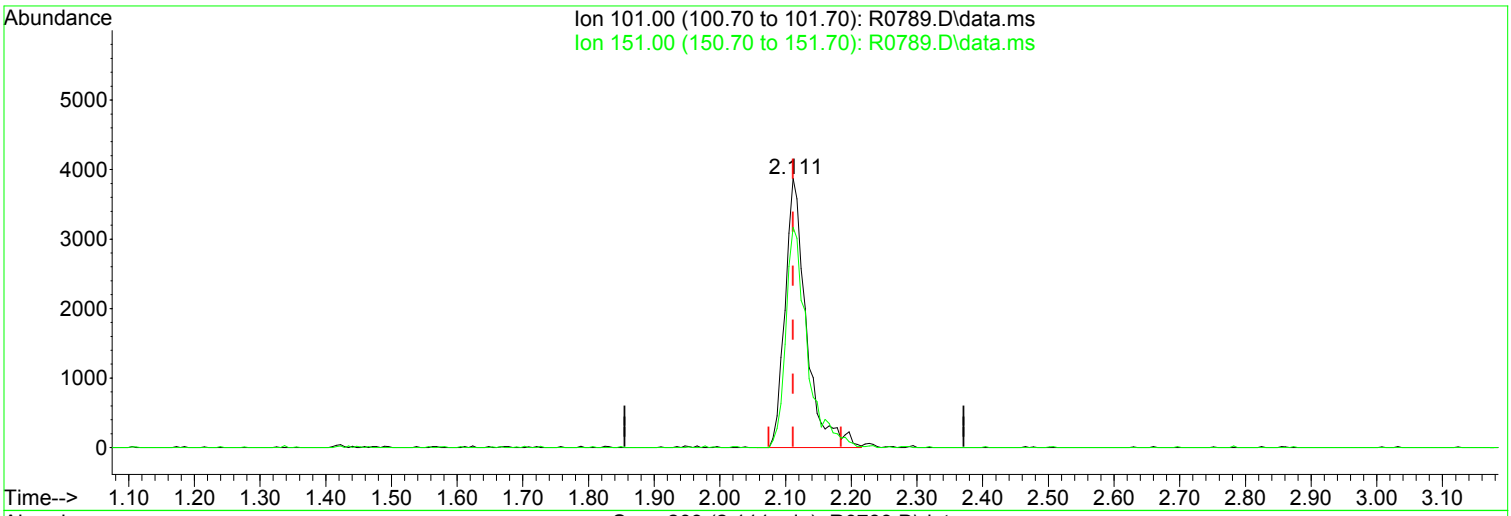
Ion	Ratio	Lower	Upper
130	100		
132	95.3	76.4	116.4
95	92.0	72.1	112.1
97	60.5	39.4	79.4

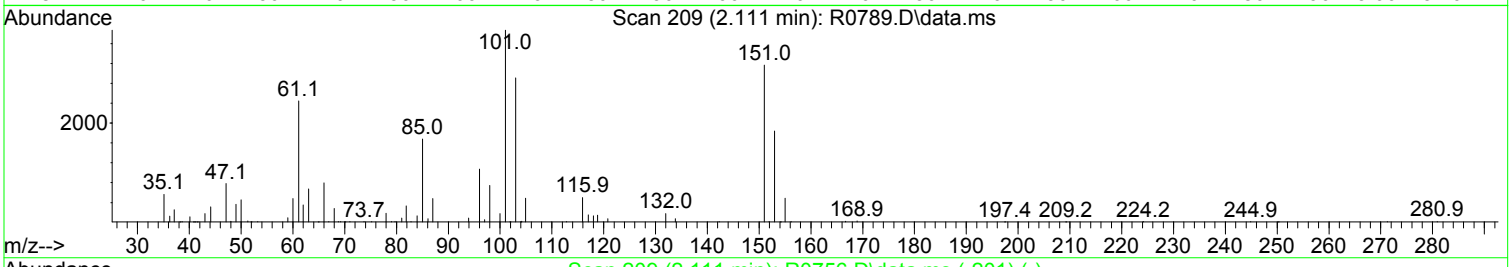


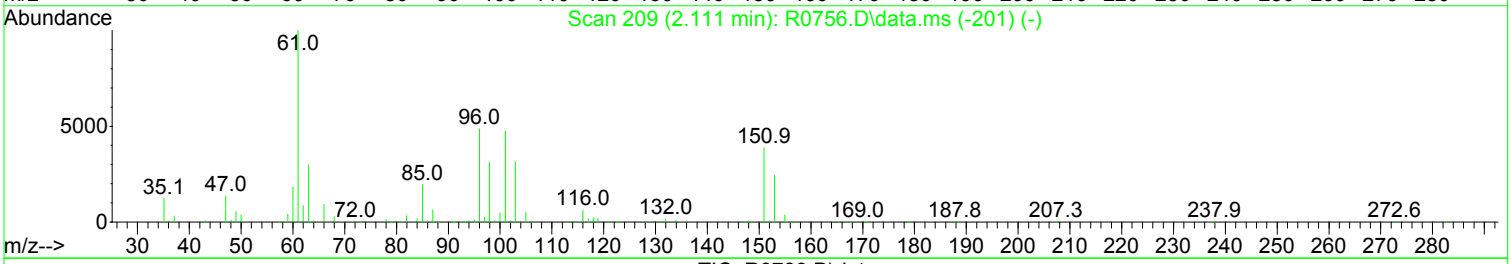
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 2.82 ug/L m

response 8696

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	81.81
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

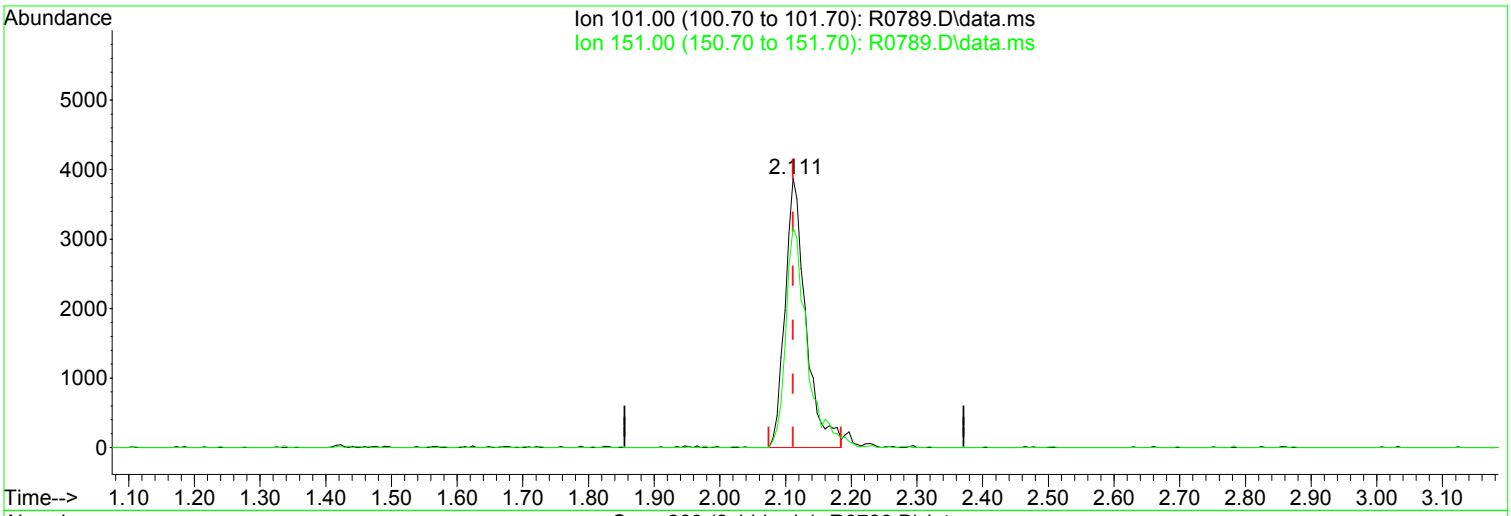
Poor integration.

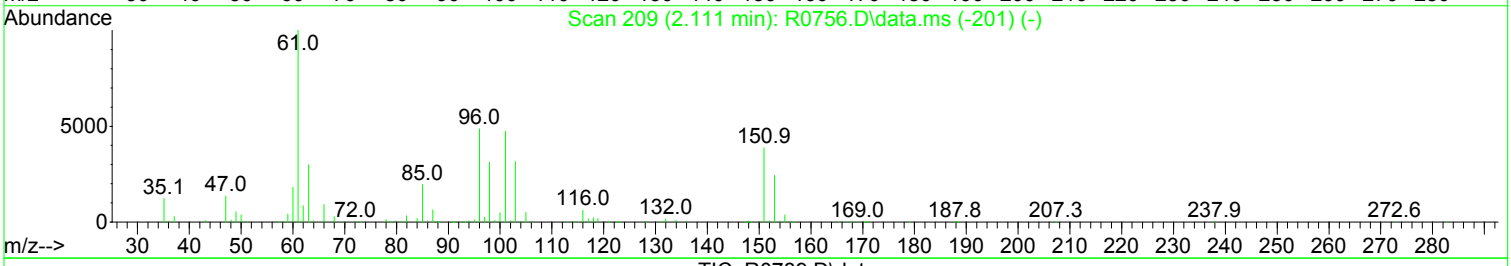
03/17/25

Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration





TIC: R0789.D\data.ms

(15) Freon 113 (P)

2.111min (-0.000) 2.75 ug/L

response 8500

Ion	Exp%	Act%
101.00	100.00	100.00
151.00	81.70	81.81
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

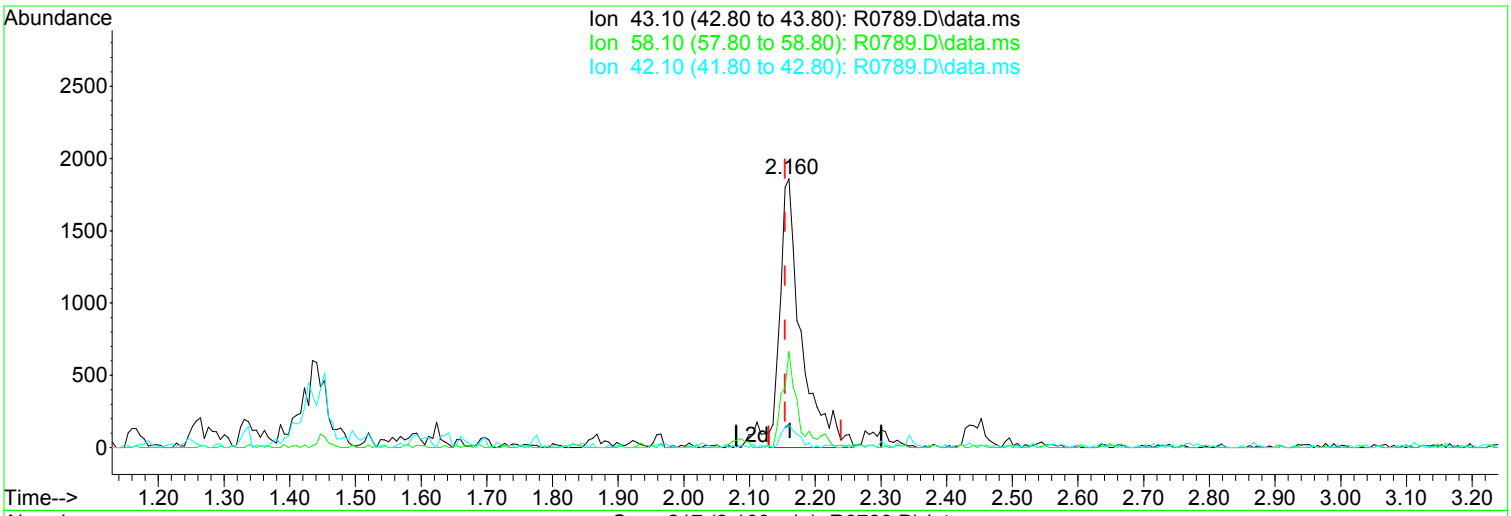
Before

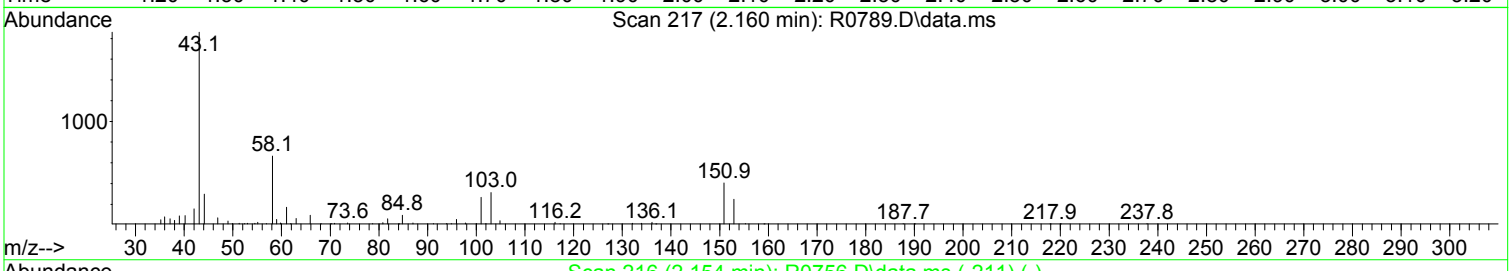
03/17/25

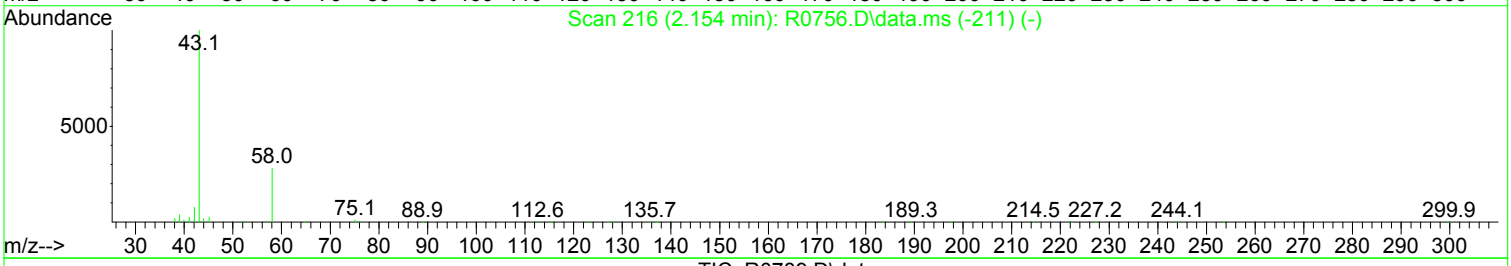
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(16) Acetone (P)

2.160min (+ 0.006) 1.46 ug/L m

response 4150

Ion	Exp%	Act%
43.10	100.00	100.00
58.10	28.00	35.68
42.10	7.80	8.28
0.00	0.00	0.00

Manual Integration:

After

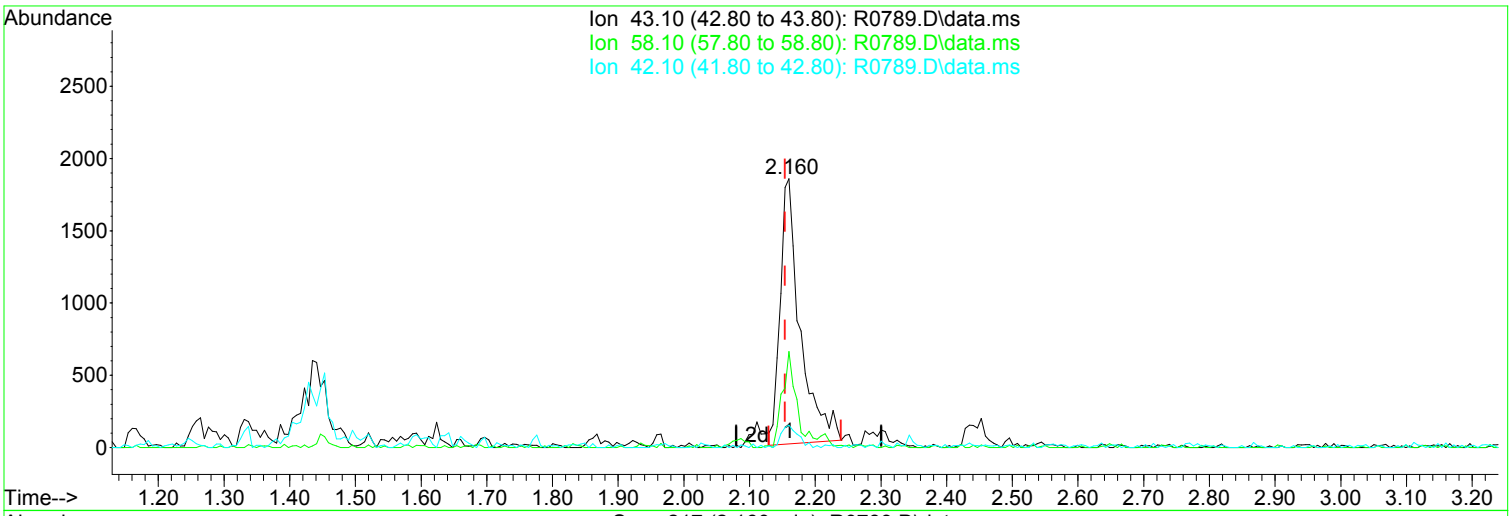
Poor integration.

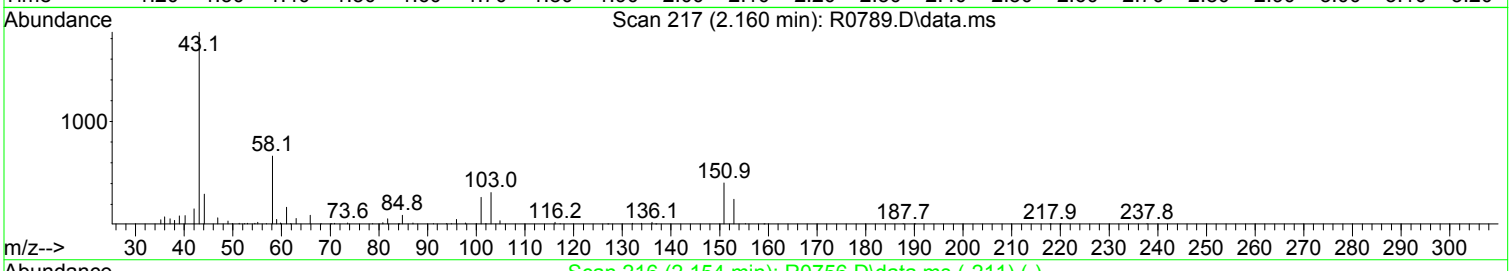
03/17/25

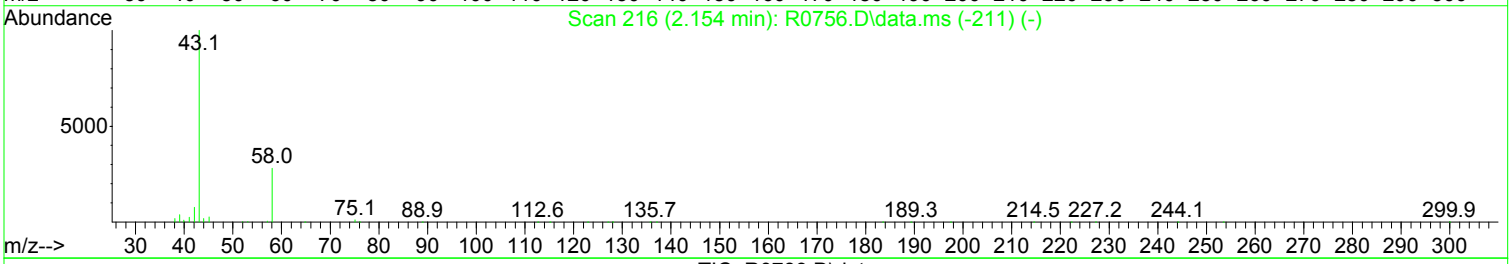
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(16) Acetone (P)

2.160min (+ 0.006) 1.36 ug/L

response 3860

Ion	Exp%	Act%
43.10	100.00	100.00
58.10	28.00	35.68
42.10	7.80	8.28
0.00	0.00	0.00

Manual Integration:

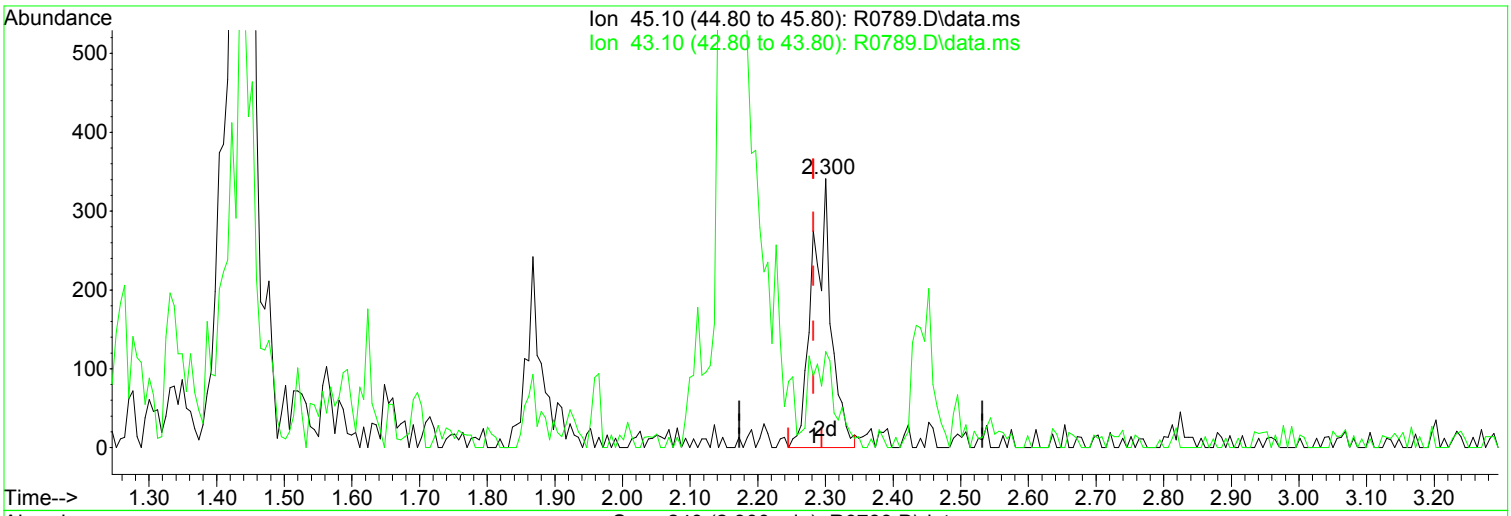
Before

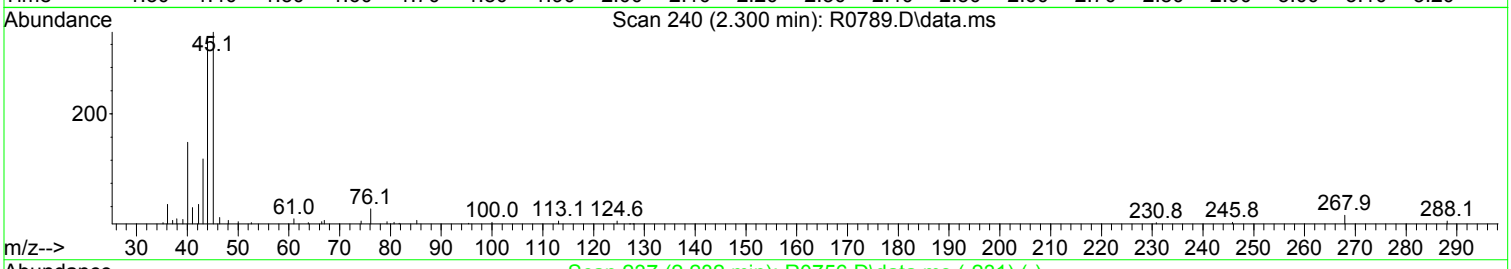
03/17/25

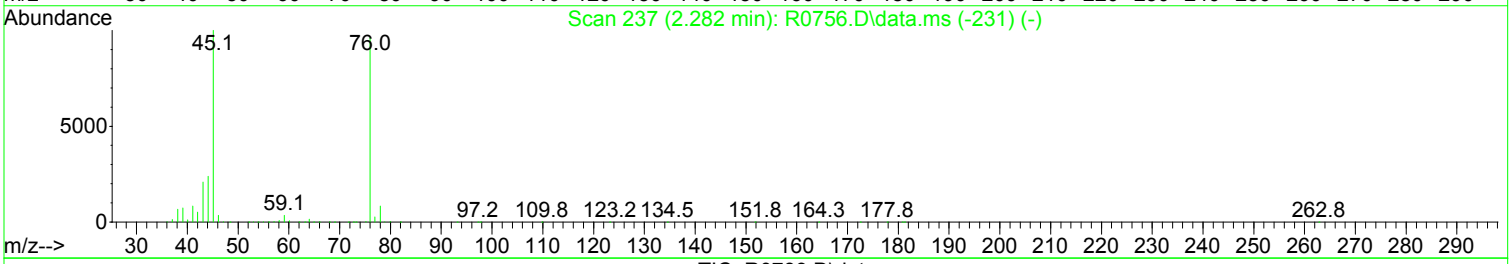
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(17) 2-Propanol

2.300min (+ 0.018) 1.51 ug/L m

response 659

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	35.78
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

After

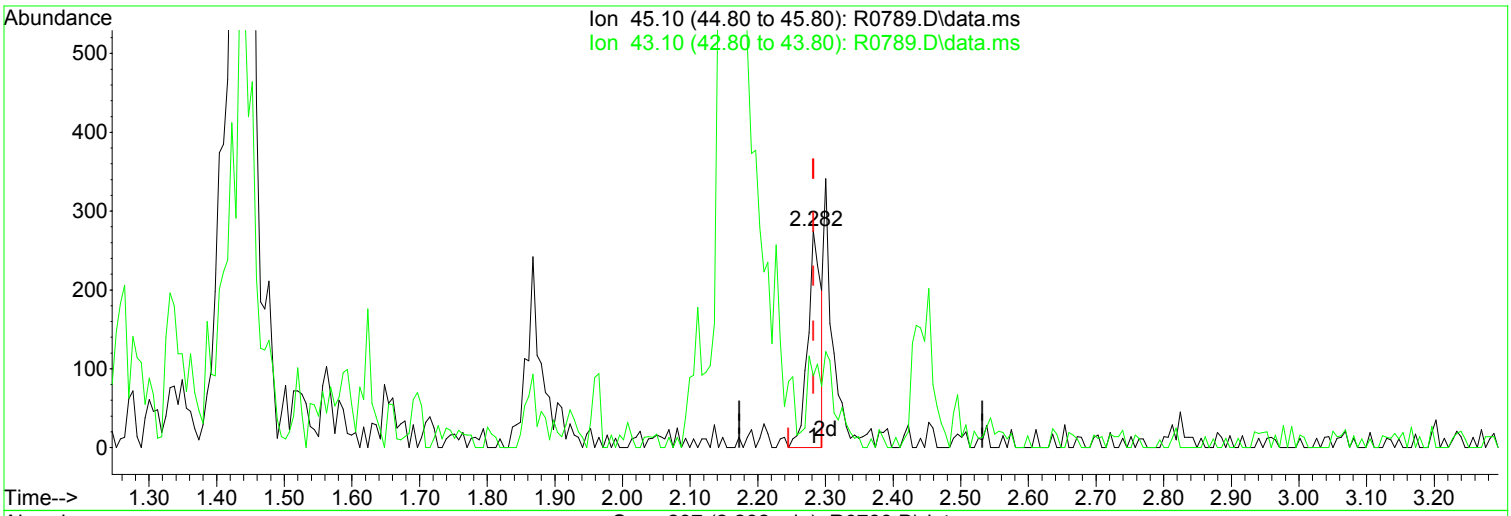
Split Peak.

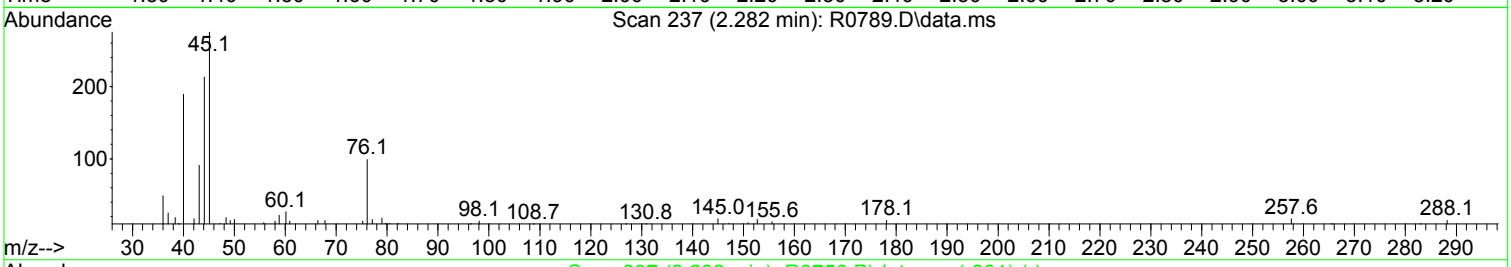
03/17/25

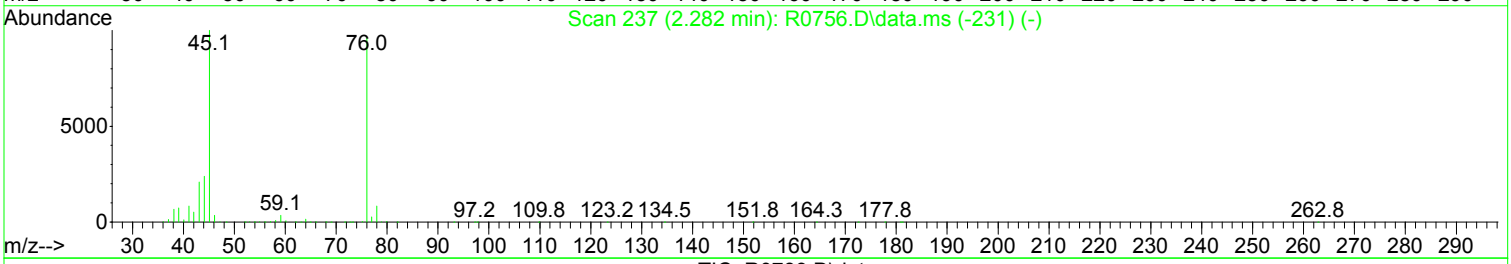
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(17) 2-Propanol

2.282min (-0.000) 0.84 ug/L

response 367

Ion	Exp%	Act%
45.10	100.00	100.00
43.10	21.50	33.09
0.00	0.00	0.00
0.00	0.00	0.00

Manual Integration:

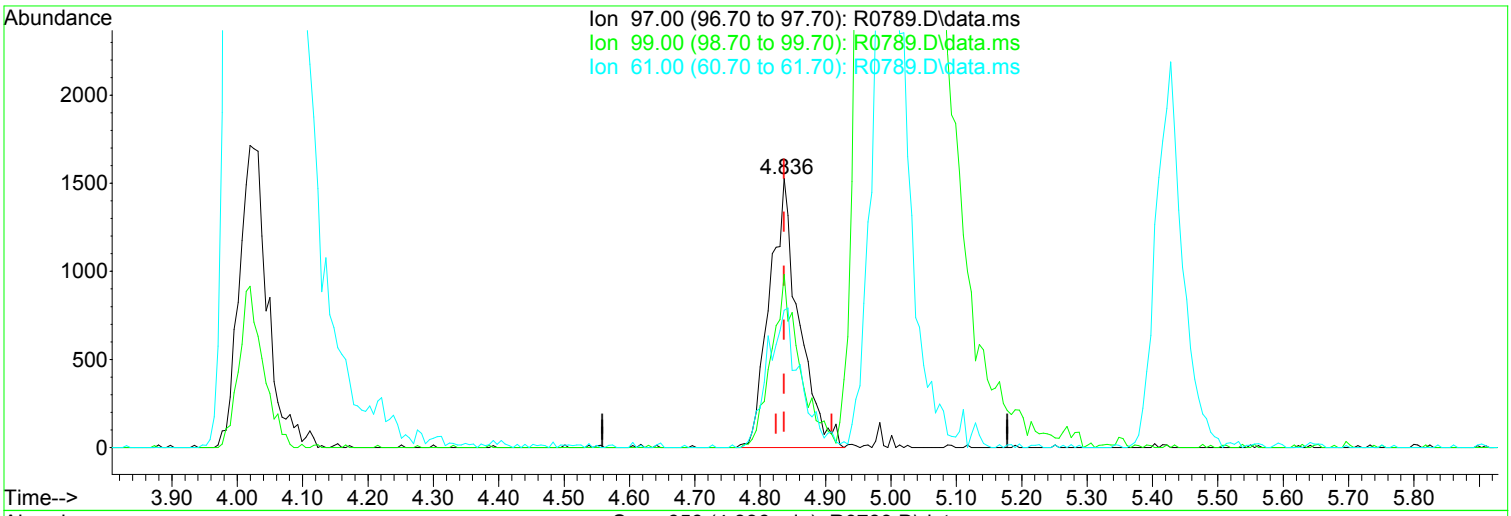
Before

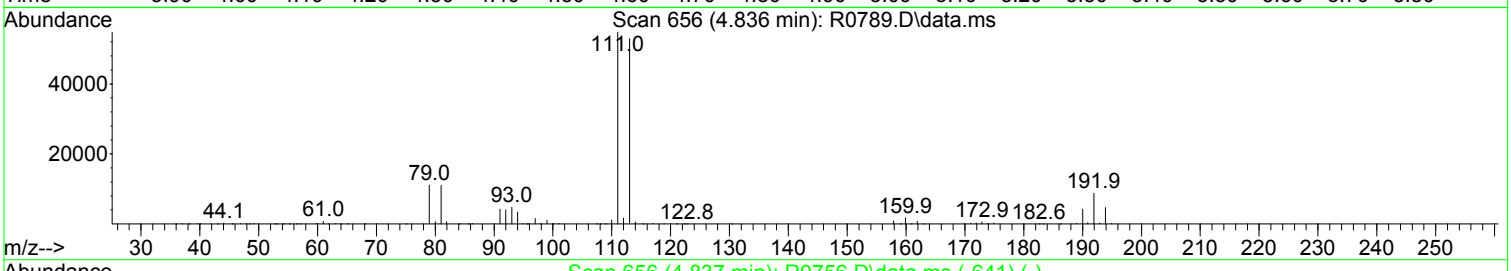
03/17/25

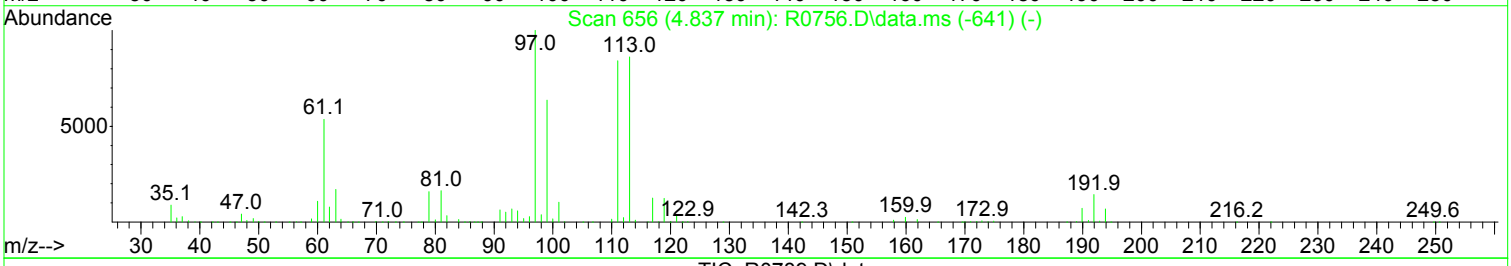
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.836min (-0.000) 0.95 ug/L m

response 4766

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.60	64.31
61.00	53.60	51.08
0.00	0.00	0.00

Manual Integration:

After

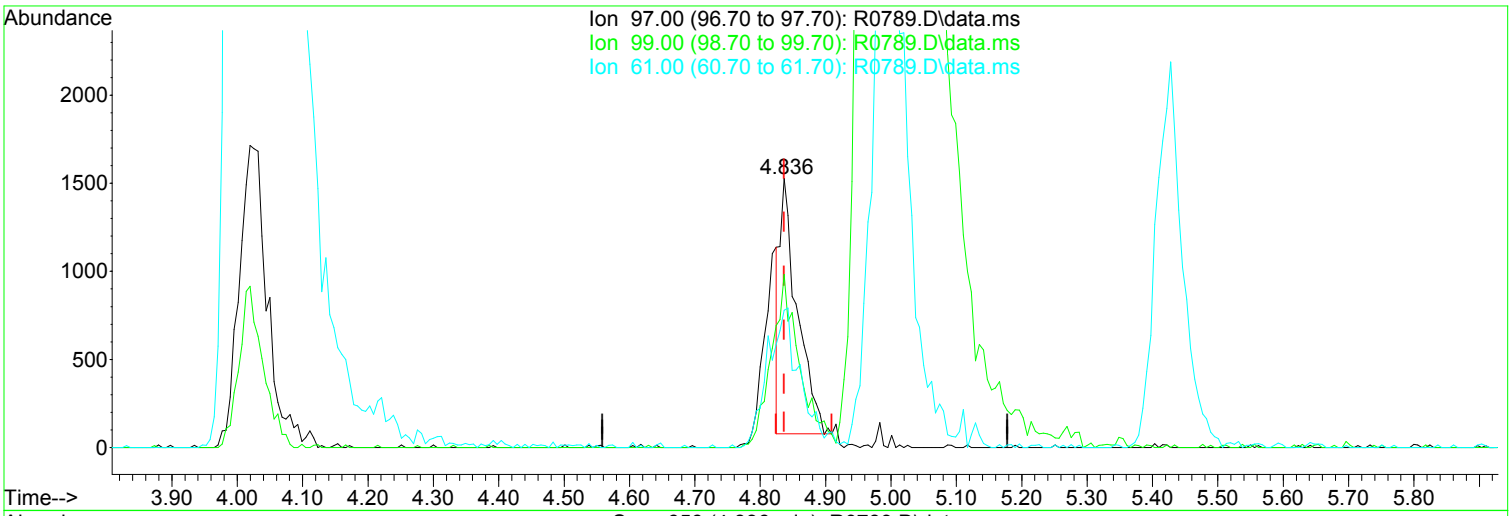
Split Peak.

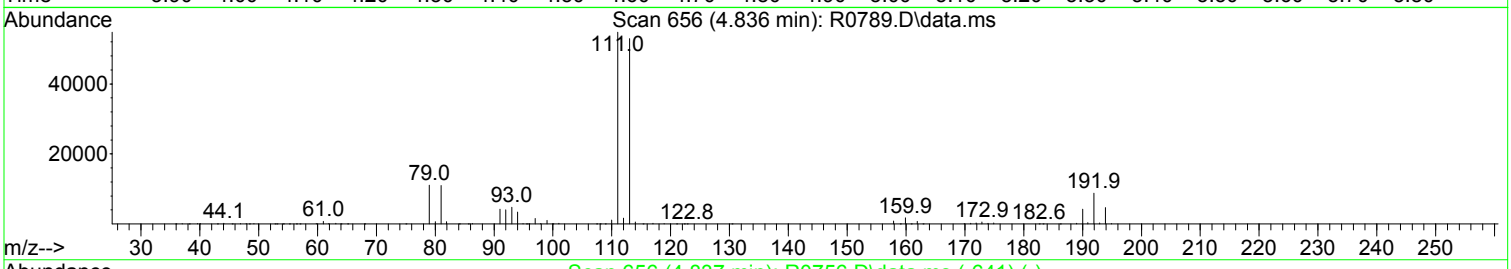
03/17/25

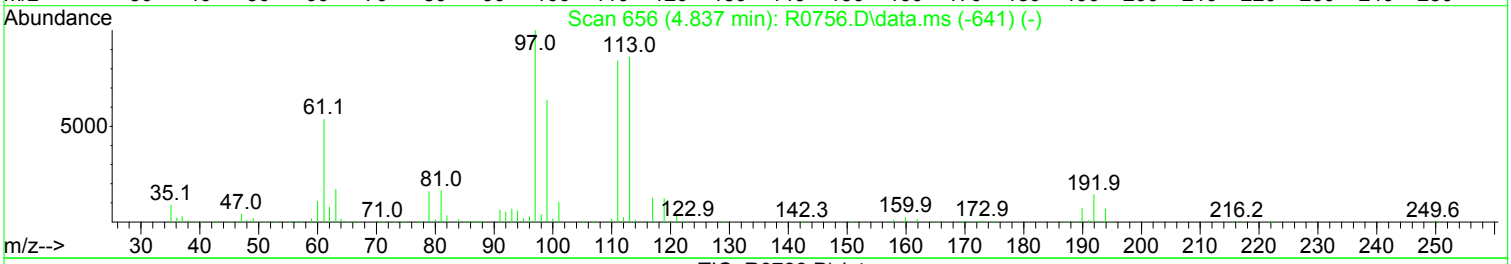
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0789.D\data.ms

(40) 1,1,1-Trichloroethane (P)

4.836min (-0.000) 0.54 ug/L

response 2689

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	63.60	64.31
61.00	53.60	51.08
0.00	0.00	0.00

Manual Integration:

Before

03/17/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

DL

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

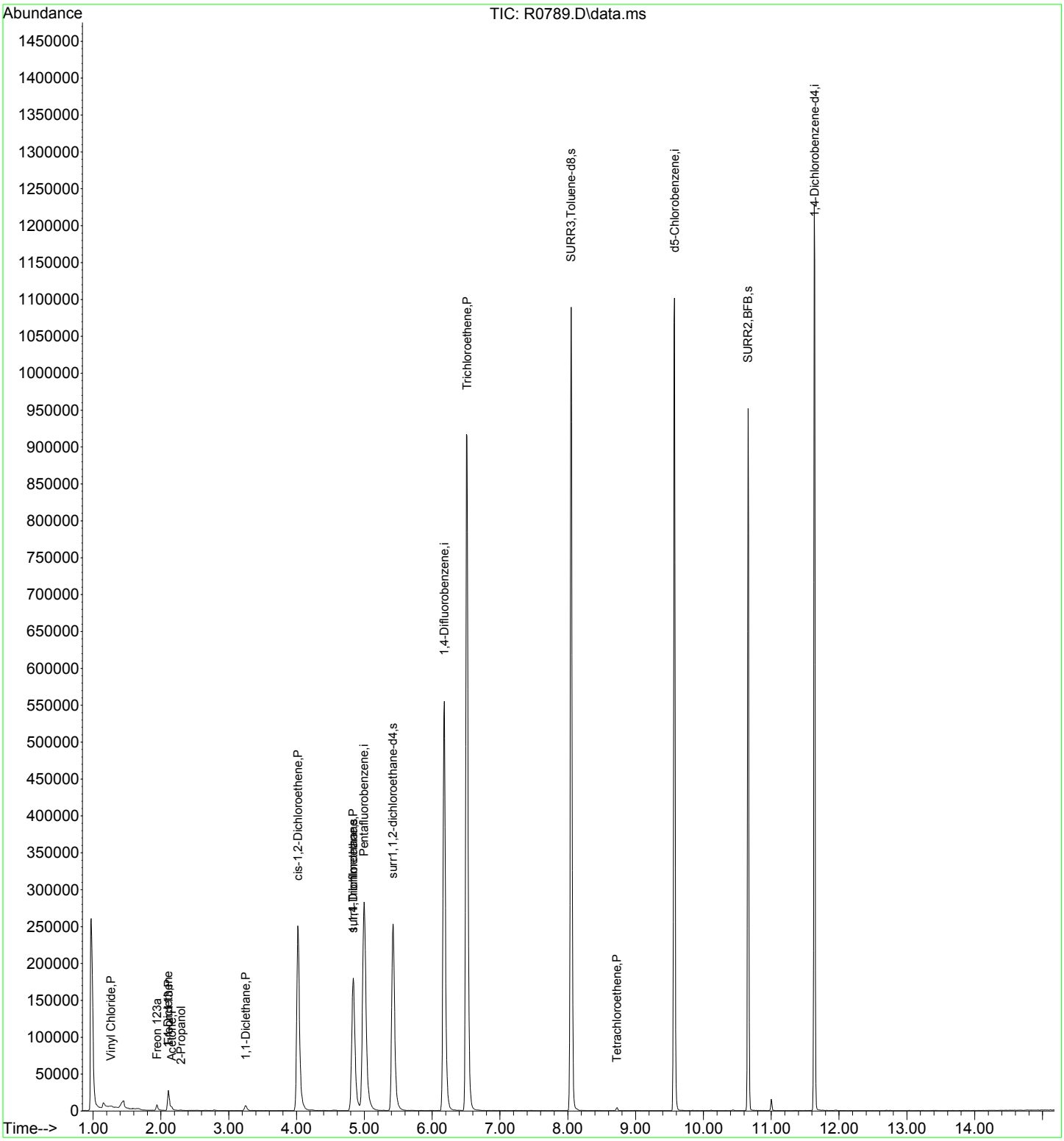
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	4.995	168	328836	50.00	ug/L		0.00
42) 1,4-Difluorobenzene	6.178	114	549829	50.00	ug/L		0.00
70) d5-Chlorobenzene	9.573	117	468803	50.00	ug/L		0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	226077	50.00	ug/L	#	0.00
System Monitoring Compounds							
44) surr4,Dibrflmethane	4.836	113	183472	50.08	ug/L		0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 100.16%				
47) surr1,1,2-dichloroetha...	5.422	65	276420	53.44	ug/L		0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 106.88%				
64) SURR3,Toluene-d8	8.049	98	648452	50.43	ug/L		0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 100.86%				
69) SURR2,BFB	10.659	95	236175	48.14	ug/L		0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 96.28%				
Target Compounds							Qvalue
5) Vinyl Chloride	1.264	62	884	0.212	ug/L	#	1
11) Freon 123a	1.941	67	4225	1.246	ug/L		91
14) 1,1-Diclethene	2.105	96	2585	0.886	ug/L	#	87
15) Freon 113	2.111	101	8696m	2.818	ug/L		
16) Acetone	2.160	43	4150m	1.464	ug/L		
17) 2-Propanol	2.300	45	659m	1.509	ug/L		
27) 1,1-Diclethane	3.251	63	8644	1.292	ug/L		98
33) cis-1,2-Dichloroethene	4.020	96	140203	40.496	ug/L	#	84
40) 1,1,1-Trichloroethane	4.836	97	4766m	0.951	ug/L		
53) Trichloroethene	6.513	130	359977	100.265	ug/L		99
71) Tetrachloroethene	8.726	164	658	0.254	ug/L	#	70

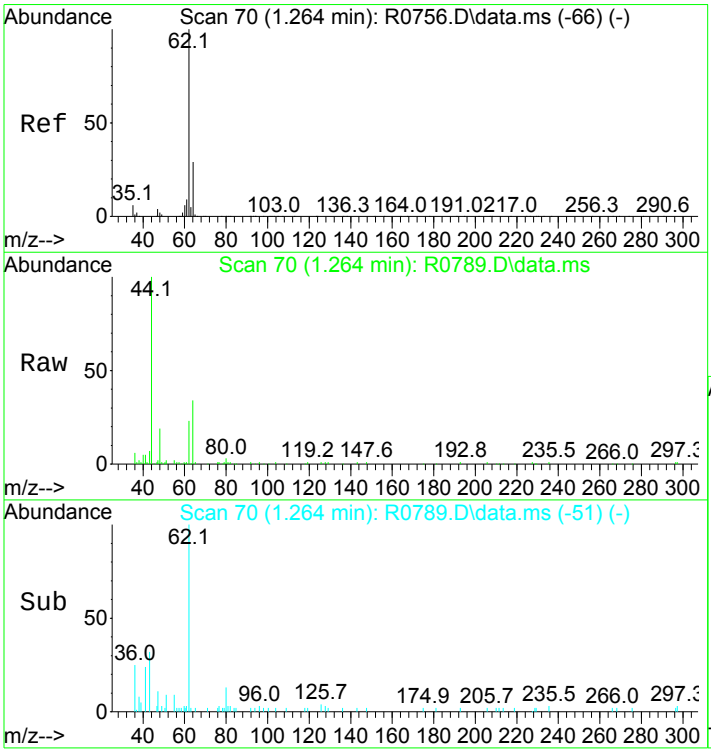
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0789.D
Acq On : 13 Mar 2025 07:29 pm
Operator : K.Ruest
Sample : R2502494-008|2.0
Misc : VERINA 8260 T4
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 14 09:49:27 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

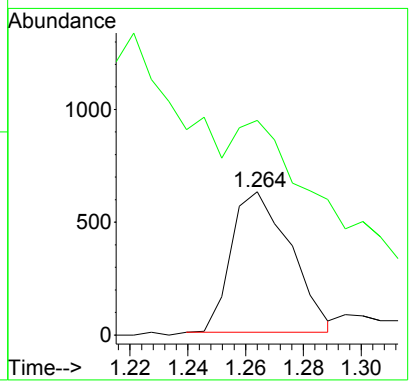


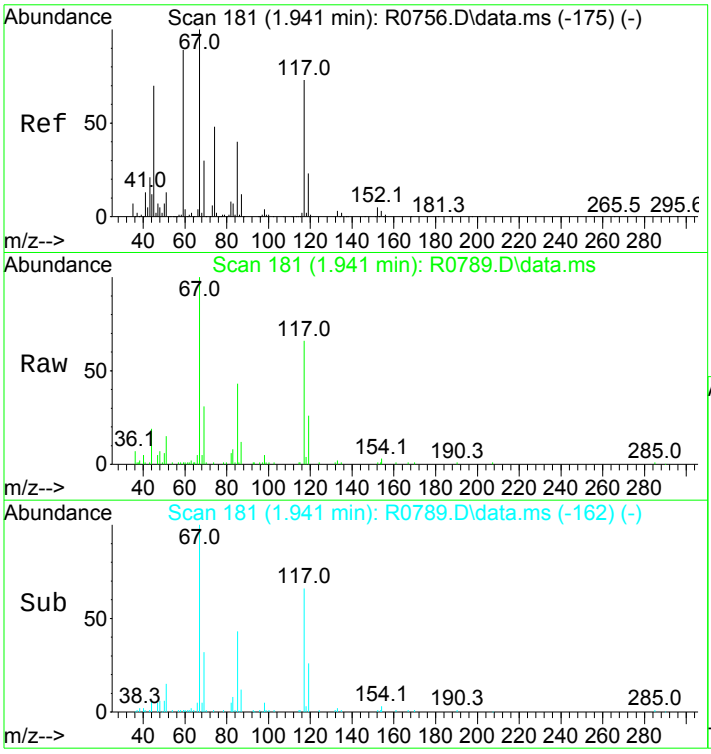


#5
Vinyl Chloride
Concen: 0.21 ug/L
RT: 1.264 min Scan# 70
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 62 Resp: 884

Ion	Ratio	Lower	Upper
62	100		
64	149.9	9.5	49.5#

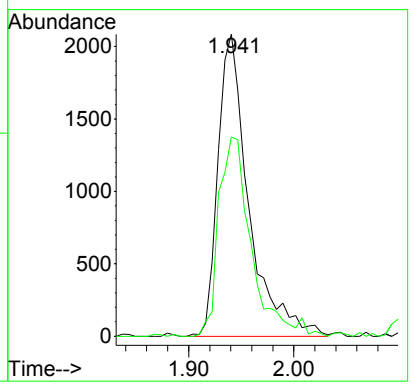


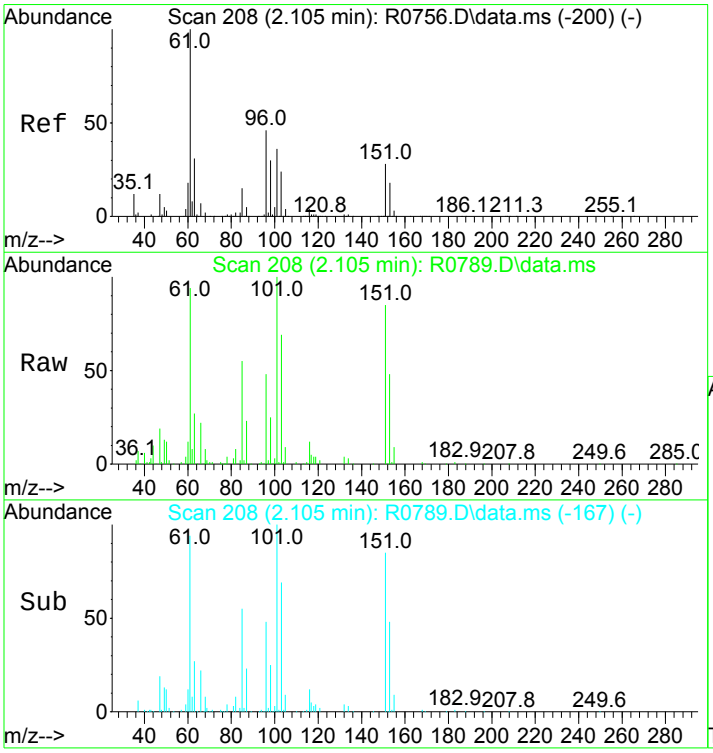


#11
Freon 123a
Concen: 1.25 ug/L
RT: 1.941 min Scan# 181
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 67 Resp: 4225

Ion	Ratio	Lower	Upper
67	100		
117	66.0	53.9	93.9

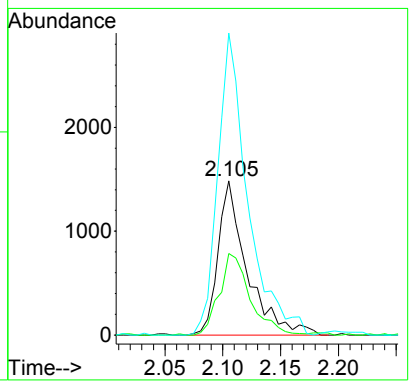


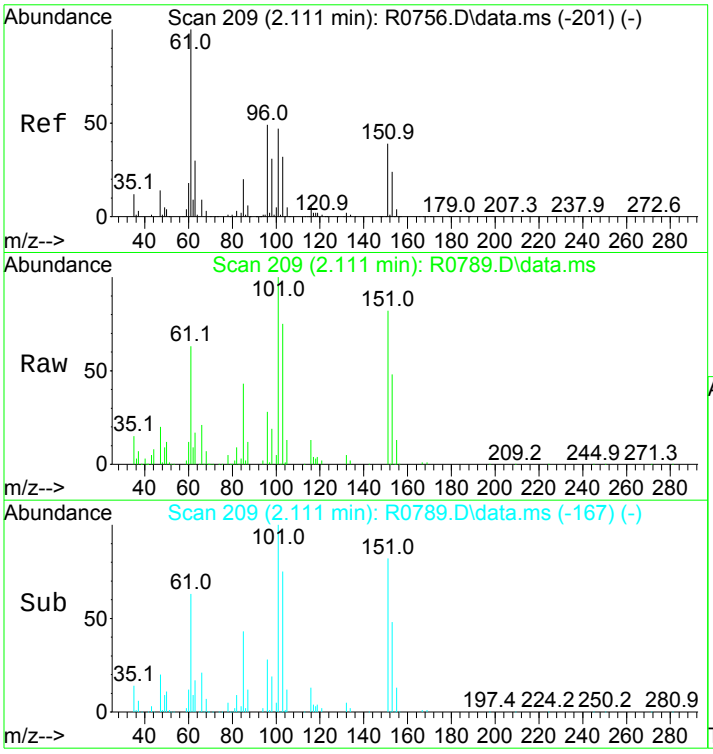


#14
1,1-Diclethene
Concen: 0.89 ug/L
RT: 2.105 min Scan# 208
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 96 Resp: 2585

Ion	Ratio	Lower	Upper
96	100		
98	52.9	44.1	84.1
61	195.9	196.1	236.1#

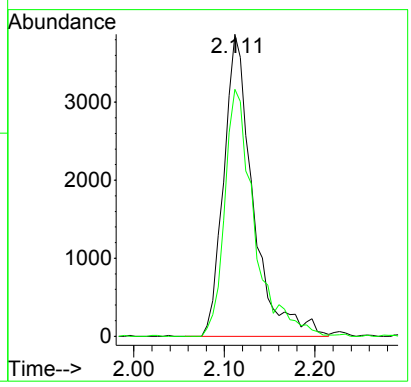


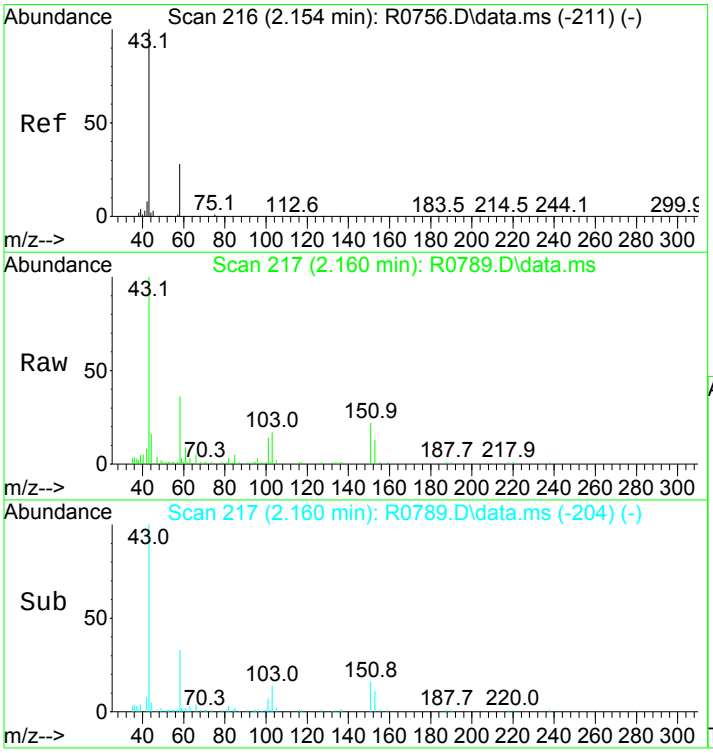


#15
Freon 113
Concen: 2.82 ug/L m
RT: 2.111 min Scan# 209
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion:101 Resp: 8696

Ion	Ratio	Lower	Upper
101	100		
151	81.8	61.7	101.7

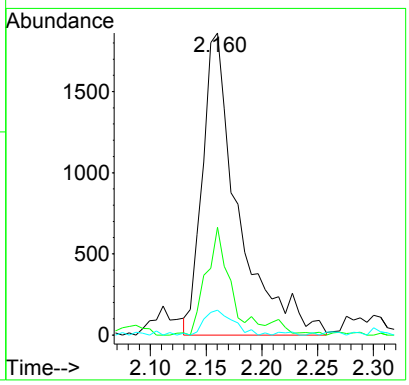


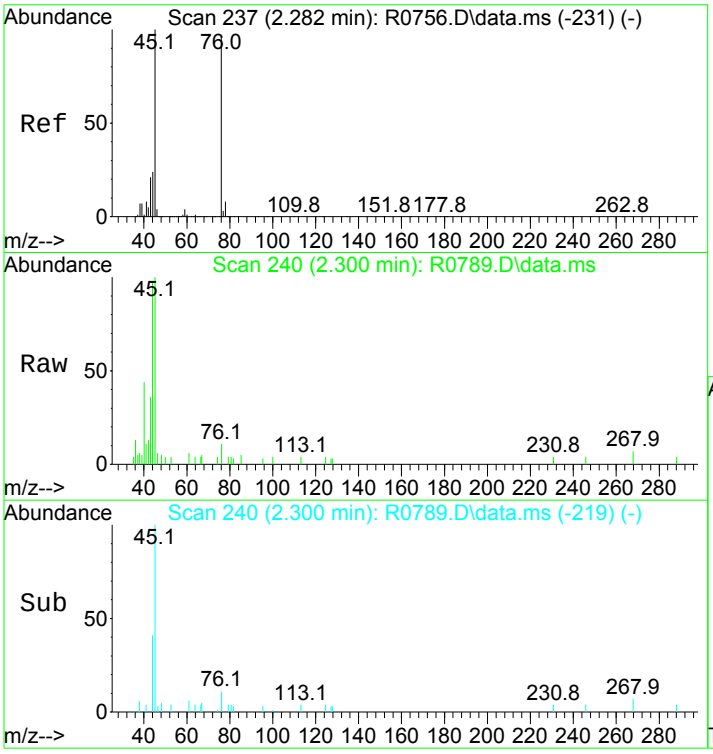


#16
Acetone
Concen: 1.46 ug/L m
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 43 Resp: 4150

Ion	Ratio	Lower	Upper
43	100		
58	35.7	8.0	48.0
42	8.3	0.0	27.8

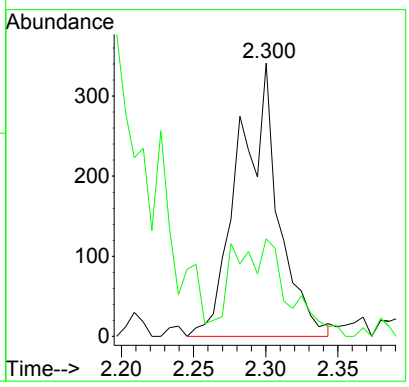


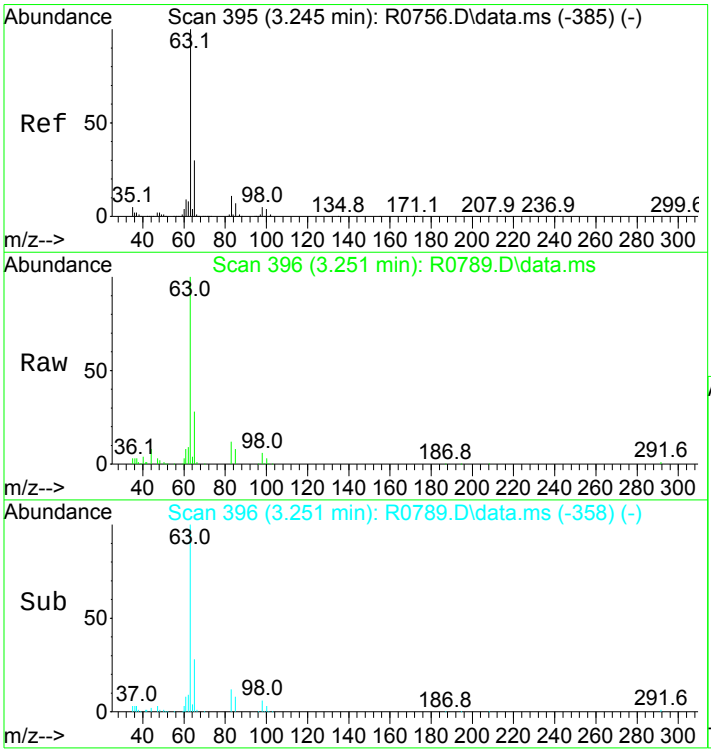


#17
2-Propanol
Concen: 1.51 ug/L m
RT: 2.300 min Scan# 240
Delta R.T. 0.018 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 45 Resp: 659

Ion	Ratio	Lower	Upper
45	100		
43	35.8	1.5	41.5

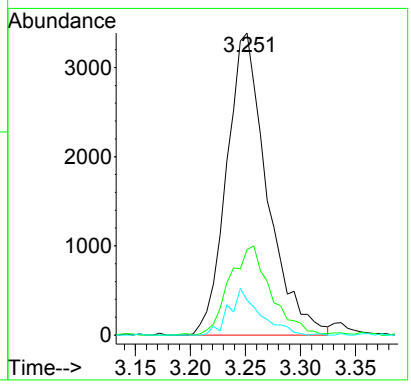


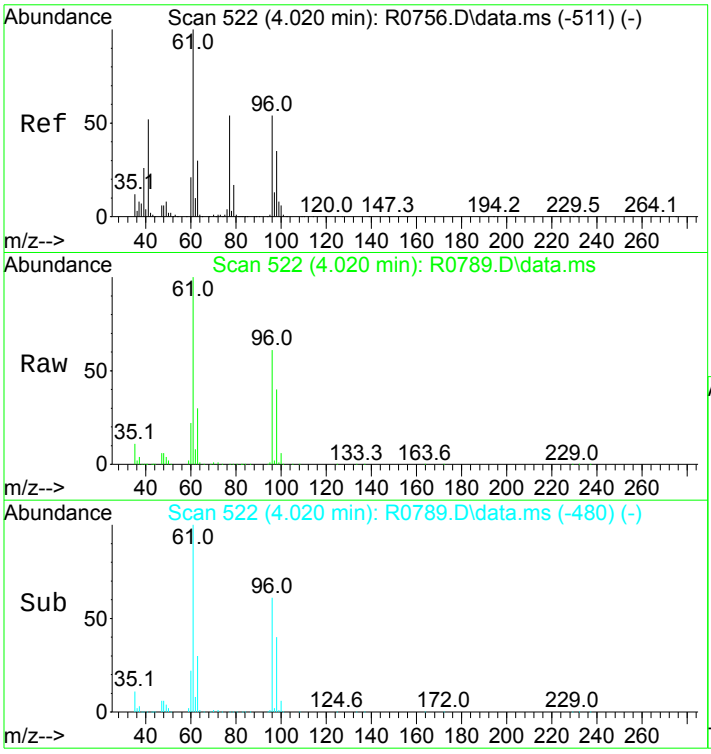


#27
1,1-Diclethane
Concen: 1.29 ug/L
RT: 3.251 min Scan# 396
Delta R.T. 0.006 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 63 Resp: 8644

Ion	Ratio	Lower	Upper
63	100		
65	28.3	9.9	49.9
83	11.5	0.0	31.2

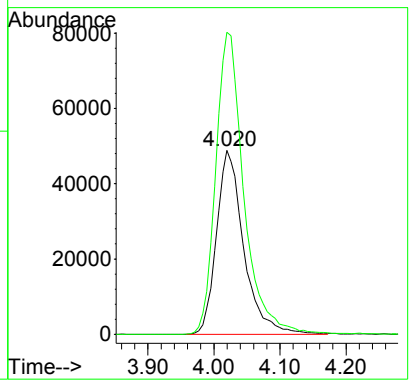


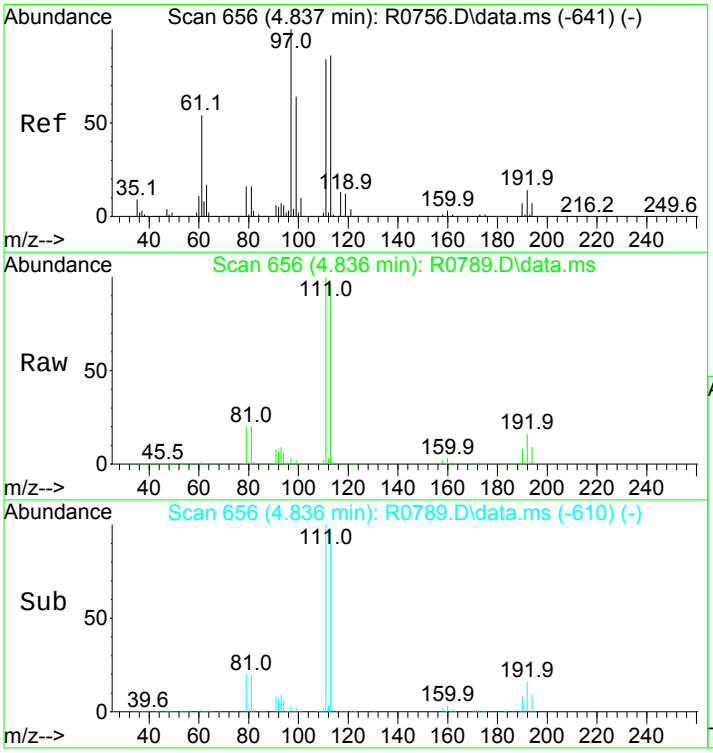


#33
cis-1,2-Dichloroethene
Concen: 40.50 ug/L
RT: 4.020 min Scan# 522
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 96 Resp: 140203

Ion	Ratio	Lower	Upper
96	100		
61	164.2	166.8	206.8#

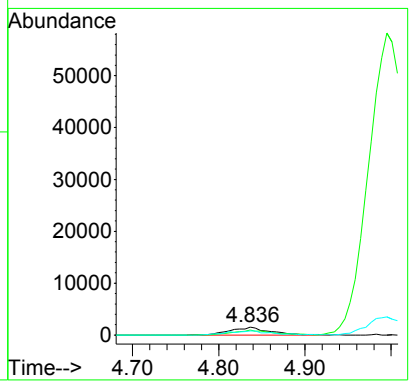


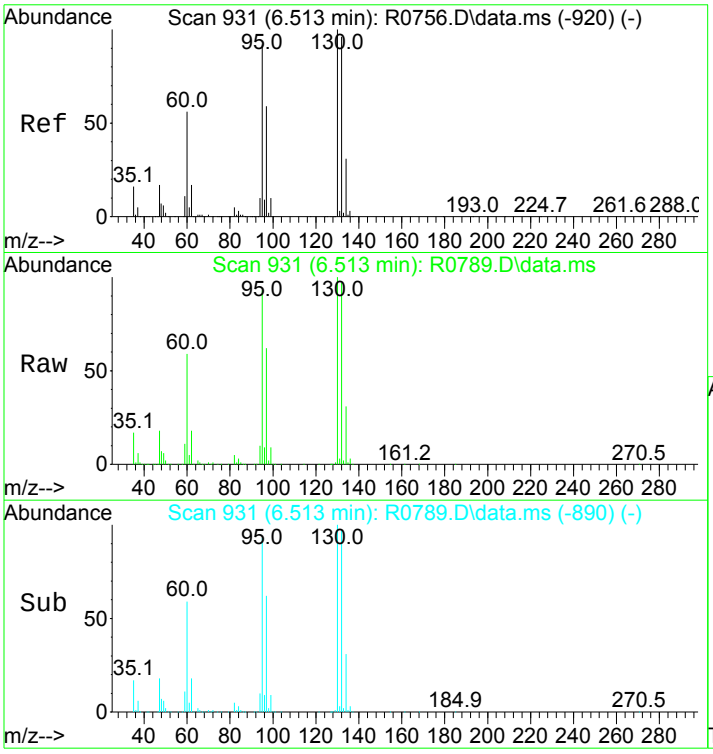


#40
1,1,1-Trichloroethane
Concen: 0.95 ug/L m
RT: 4.836 min Scan# 656
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion: 97 Resp: 4766

Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.6	83.6
61	51.1	33.6	73.6

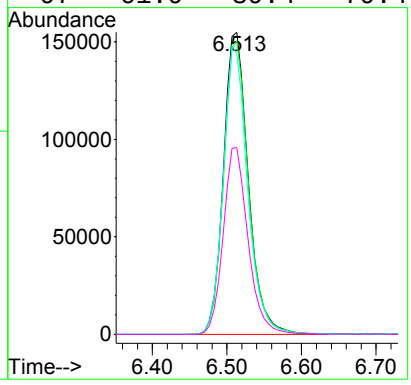


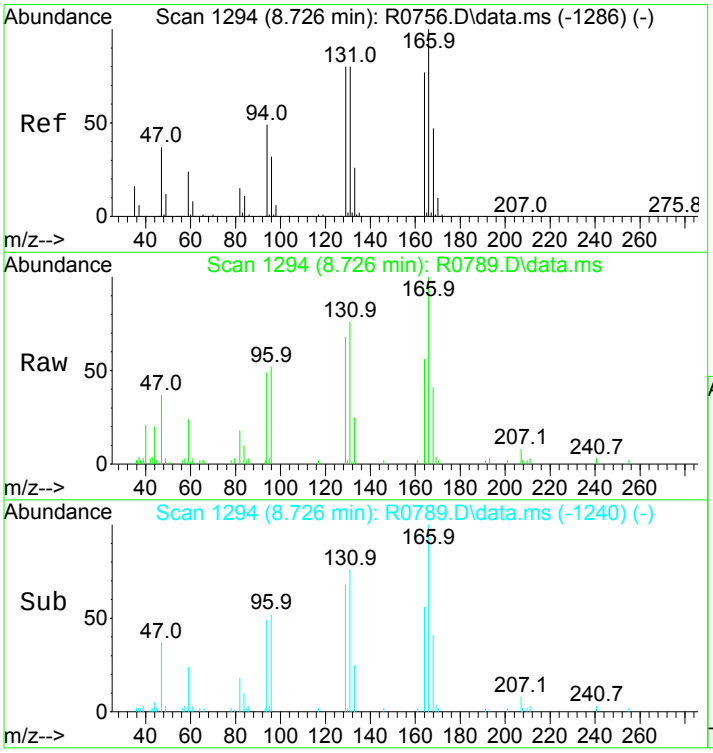


#53
Trichloroethene
Concen: 100.27 ug/L
RT: 6.513 min Scan# 931
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion:130 Resp: 359977

Ion	Ratio	Lower	Upper
130	100		
132	97.2	76.4	116.4
95	92.9	72.1	112.1
97	61.9	39.4	79.4

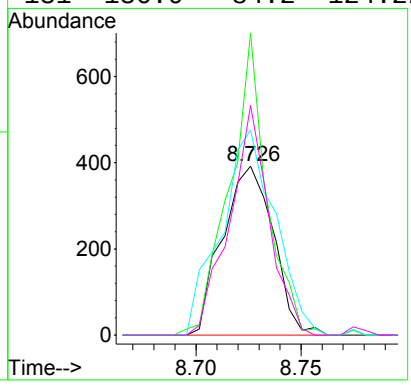




#71
Tetrachloroethene
Concen: 0.25 ug/L
RT: 8.726 min Scan# 1294
Delta R.T. -0.000 min
Lab File: R0789.D
Acq: 13 Mar 2025 07:29 pm

Tgt Ion:164 Resp: 658

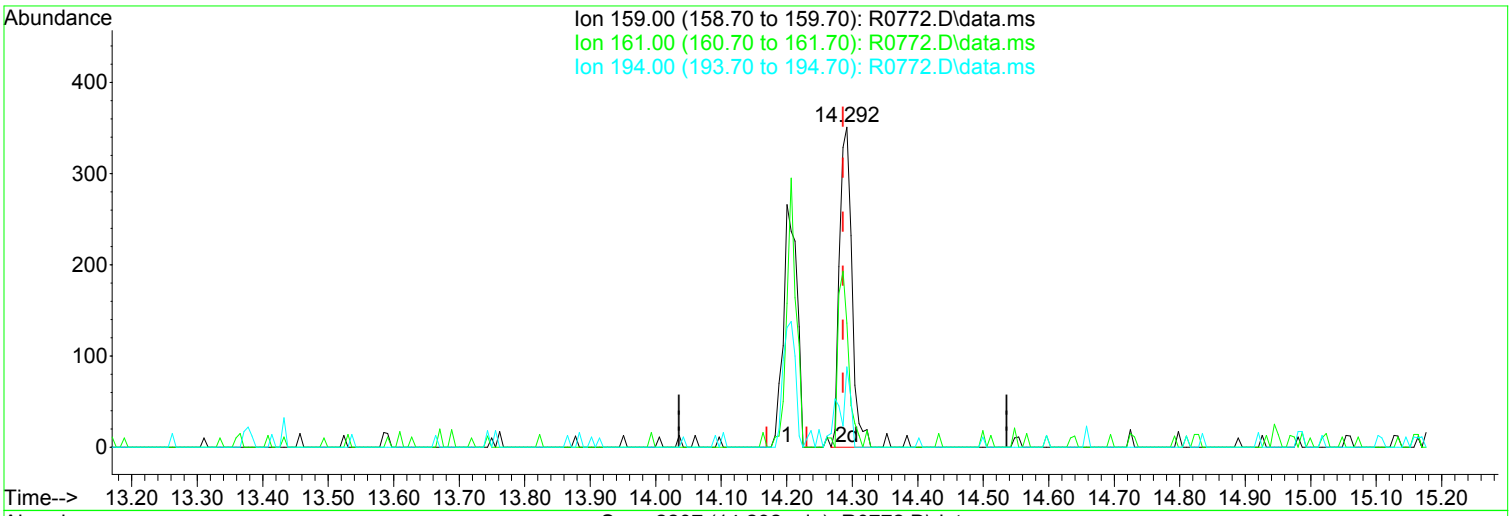
Ion	Ratio	Lower	Upper
164	100		
166	178.8	110.6	150.6#
129	121.4	84.7	124.7
131	136.0	84.2	124.2#

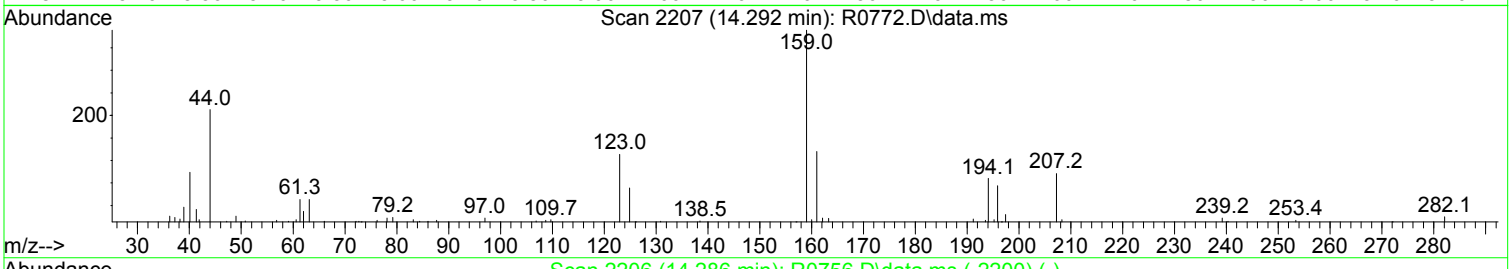


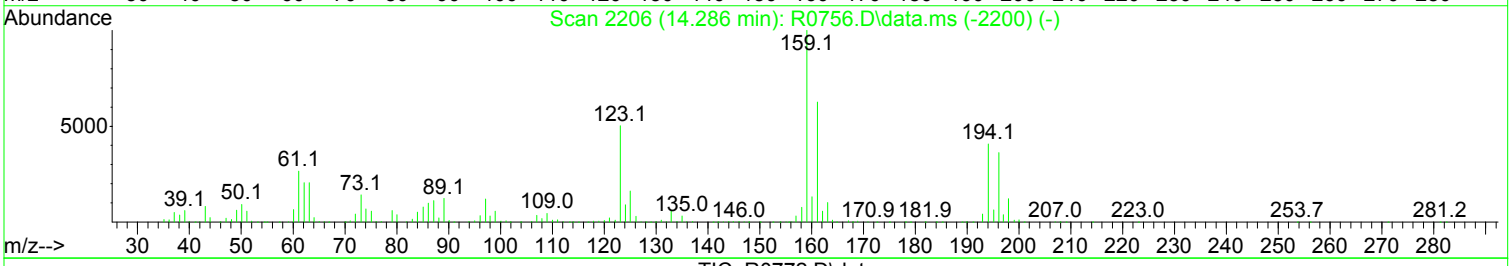
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0772.D
Acq On : 13 Mar 2025 12:48 pm
Operator : K.Ruest
Sample : MBLK-UNP
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:01:39 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0772.D\data.ms

(119) 2,3,6-Trichlorotoluene

14.292min (+ 0.006) 1.04 ug/L m

response 460

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	62.60	38.75#
194.00	40.80	25.07
0.00	0.00	0.00

Manual Integration:

After

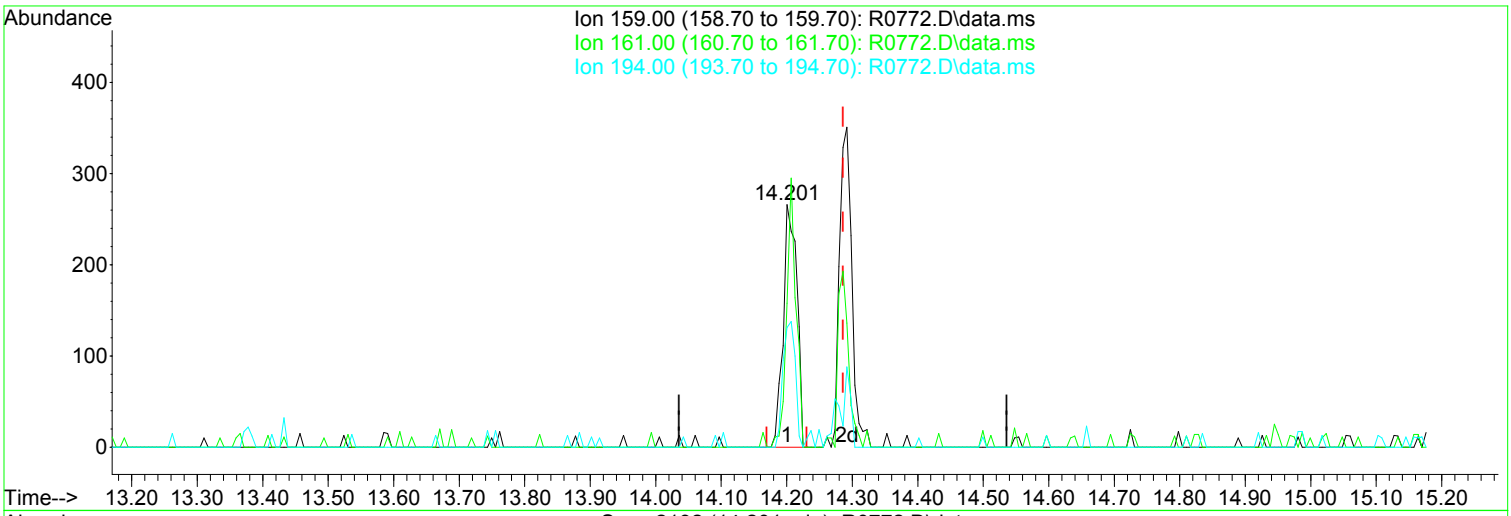
Wrong peak selected.

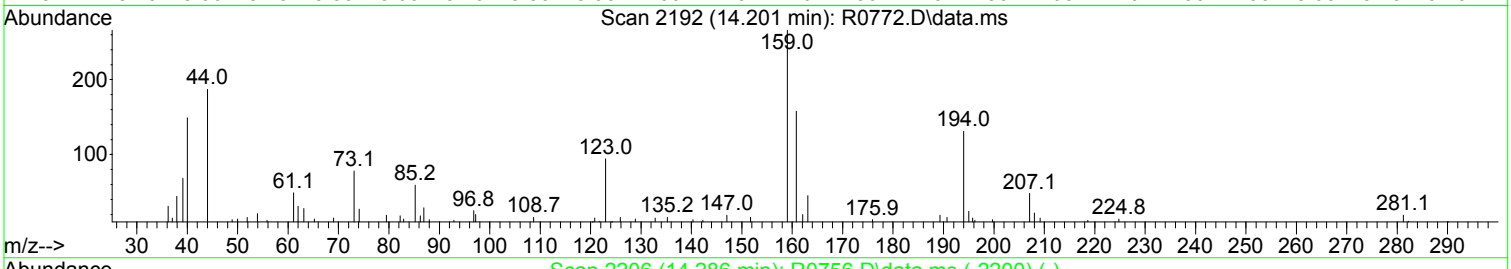
03/13/25

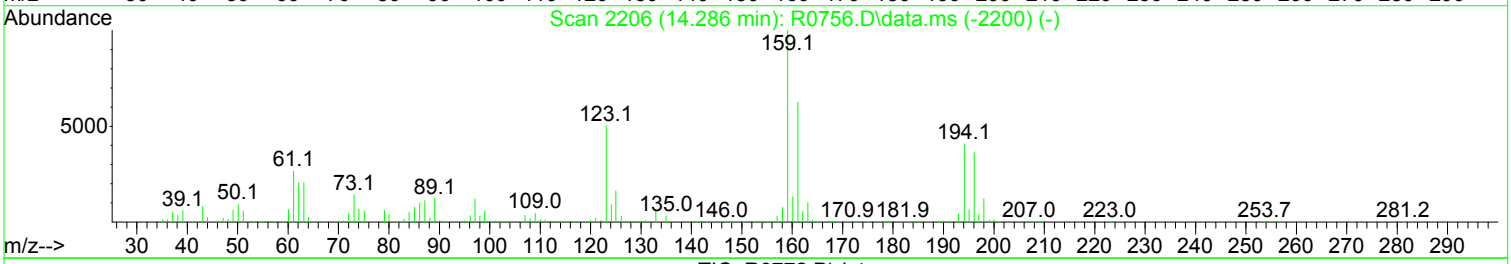
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0772.D
Acq On : 13 Mar 2025 12:48 pm
Operator : K.Ruest
Sample : MBLK-UNP
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:01:39 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration







TIC: R0772.D\data.ms

(119) 2,3,6-Trichlorotoluene

14.201min (-0.085) 1.00 ug/L

response 386

Ion	Exp%	Act%
159.00	100.00	100.00
161.00	62.60	59.40
194.00	40.80	49.25
0.00	0.00	0.00

Manual Integration:

Before

03/13/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0772.D
Acq On : 13 Mar 2025 12:48 pm
Operator : K.Ruest
Sample : MBLK-UNP
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:01:39 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

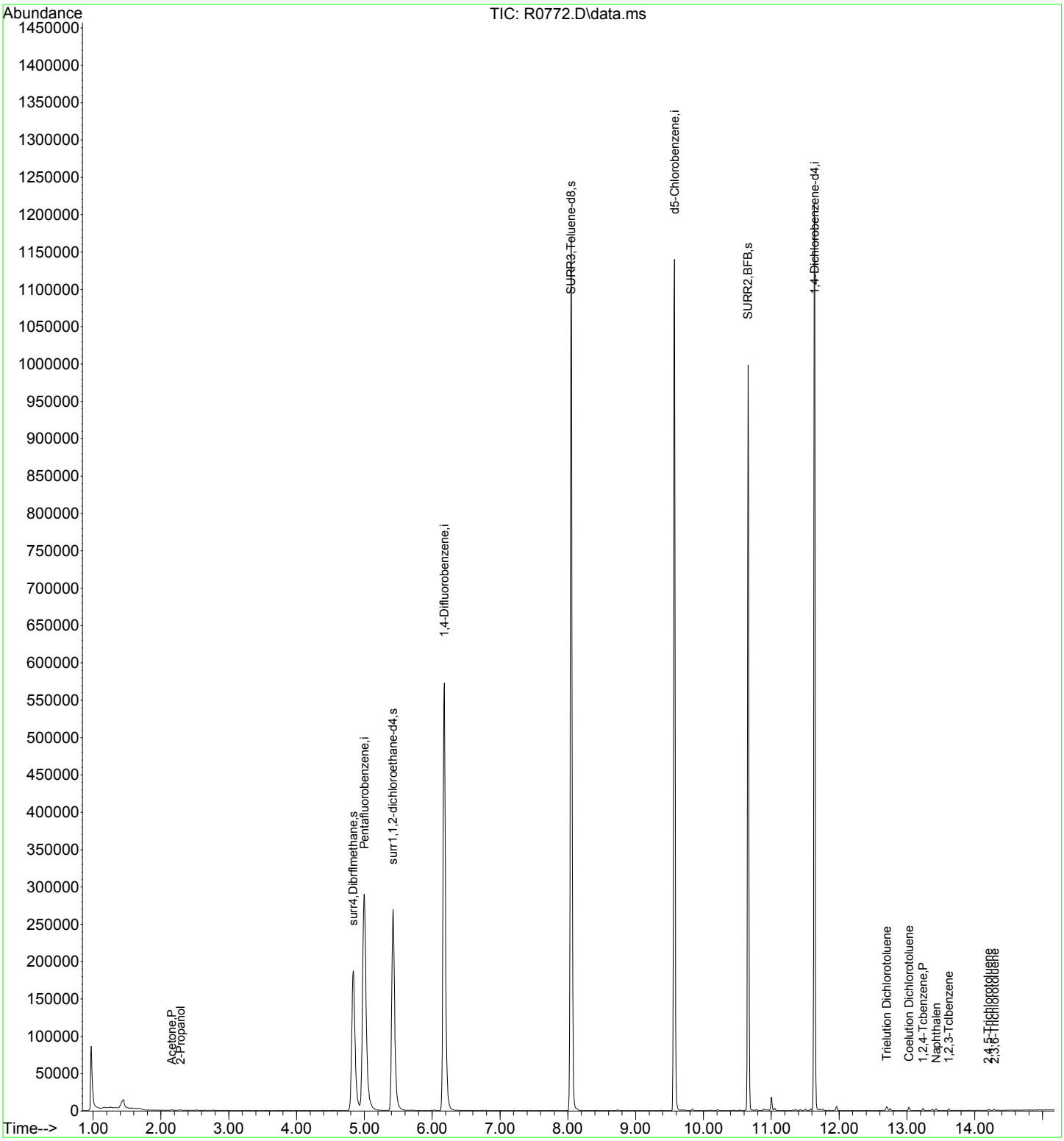
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.001	168	340351	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	566907	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	482481	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	223648	50.00	ug/L	# 0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	199692	52.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 105.74%			
47) surr1,1,2-dichloroetha...	5.422	65	289435	54.27	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 108.54%			
64) SURR3,Toluene-d8	8.049	98	686062	51.75	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 103.50%			
69) SURR2,BFB	10.658	95	256759	50.76	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.52%			
Target Compounds						Qvalue
16) Acetone	2.160	43	830	0.283	ug/L	88
17) 2-Propanol	2.288	45	591	1.307	ug/L	91
111) Trielution Dichlorotol...	12.701	125	2626	0.461	ug/L	90
113) Coelution Dichlorotoluene	13.030	125	1766	0.304	ug/L	86
114) 1,2,4-Tcbenzene	13.237	180	703	0.374	ug/L	98
116) Naphthalen	13.432	128	1925	0.647	ug/L	89
117) 1,2,3-Tclbenzene	13.615	180	578	0.366	ug/L	95
118) 2,4,5-Trichlorotoluene	14.201	159	386	1.082	ug/L	91
119) 2,3,6-Trichlorotoluene	14.292	159	460m	1.036	ug/L	

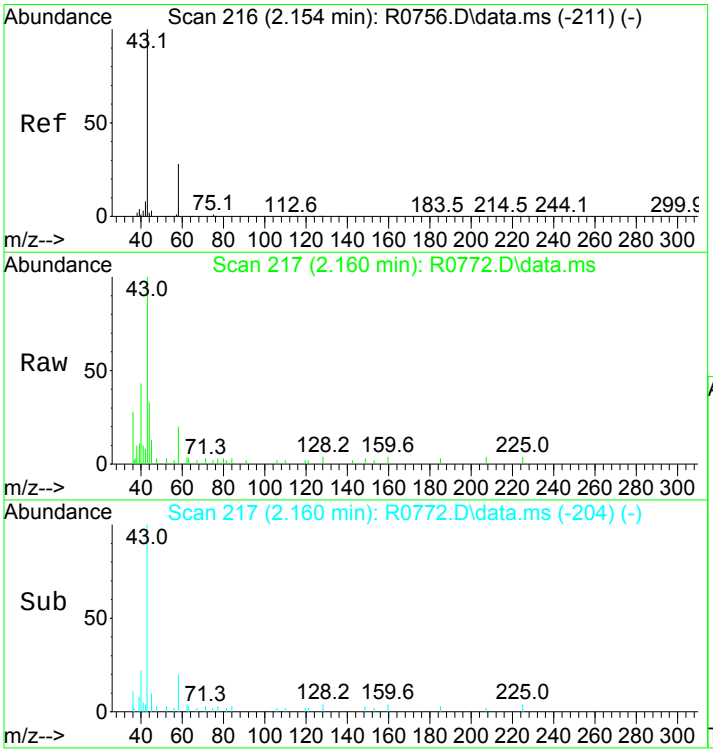
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0772.D
Acq On : 13 Mar 2025 12:48 pm
Operator : K.Ruest
Sample : MBLK-UNP
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 13 17:01:39 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

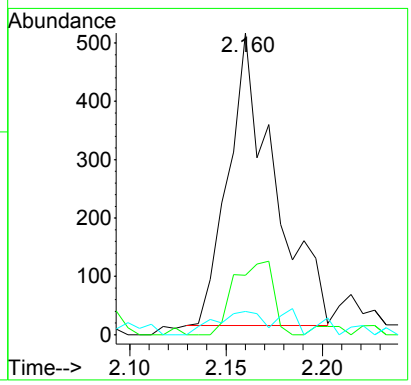


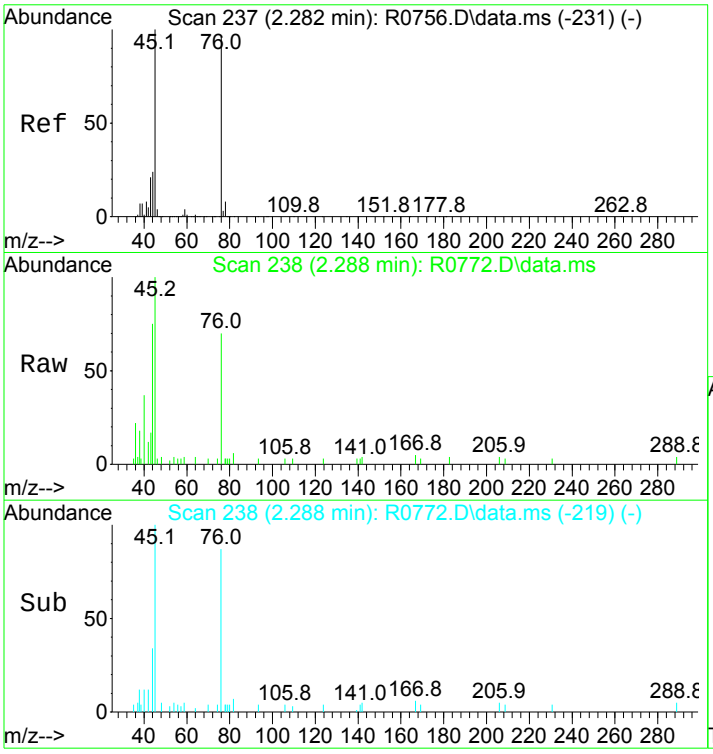


#16
Acetone
Concen: 0.28 ug/L
RT: 2.160 min Scan# 217
Delta R.T. 0.006 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion: 43 Resp: 830

Ion	Ratio	Lower	Upper
43	100		
58	19.7	8.0	48.0
42	7.7	0.0	27.8

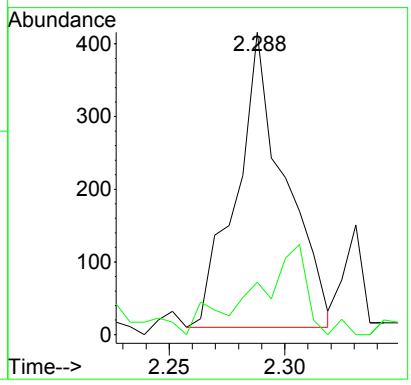


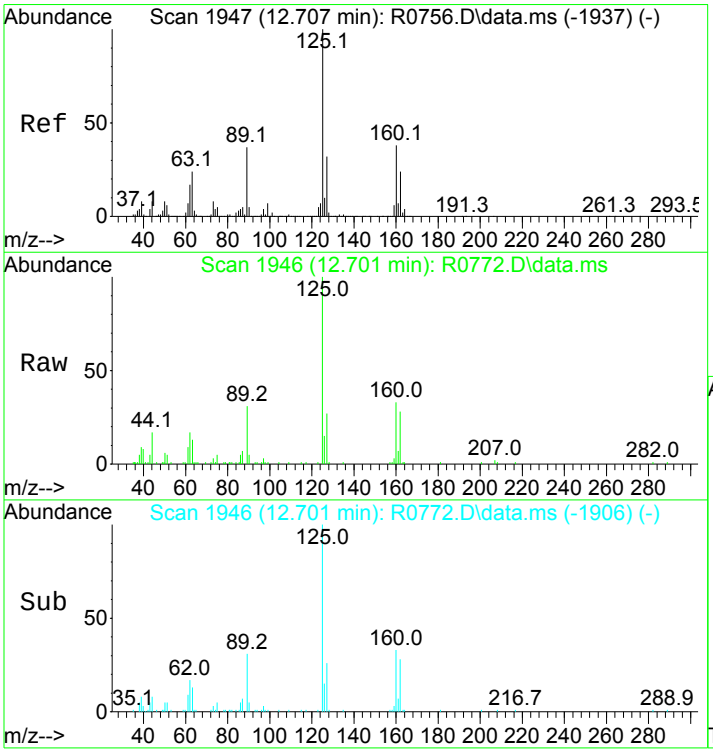


#17
2-Propanol
Concen: 1.31 ug/L
RT: 2.288 min Scan# 238
Delta R.T. 0.006 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion: 45 Resp: 591

Ion	Ratio	Lower	Upper
45	100		
43	17.3	1.5	41.5

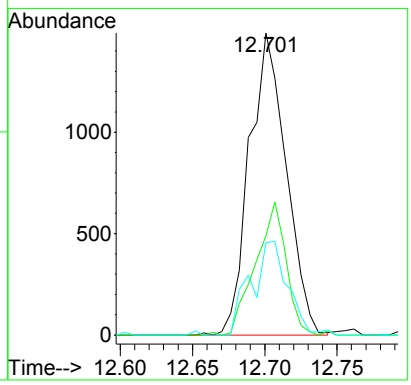


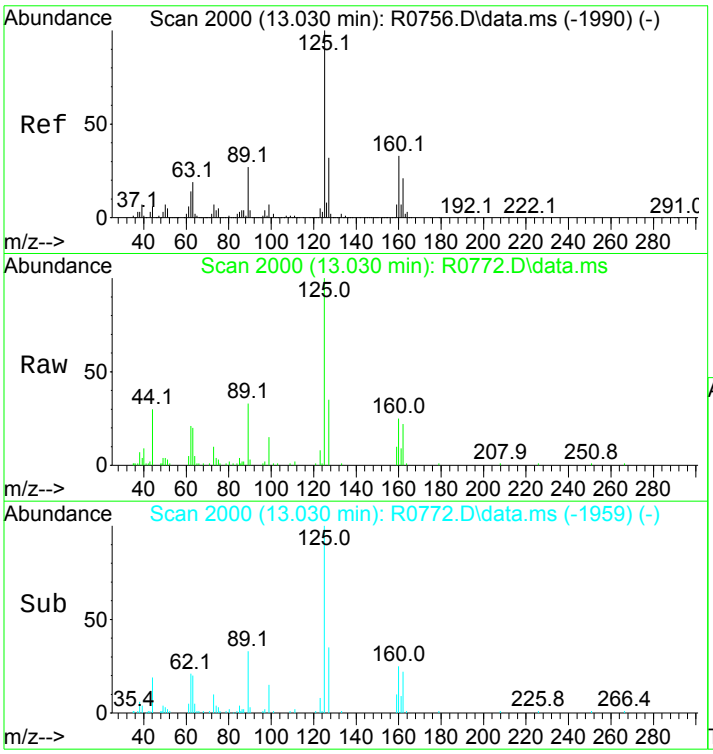


#111
Trielution Dichlorotoluene
Concen: 0.46 ug/L
RT: 12.701 min Scan# 1946
Delta R.T. -0.006 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:125 Resp: 2626

Ion	Ratio	Lower	Upper
125	100		
160	32.8	17.8	57.8
89	30.6	17.3	57.3

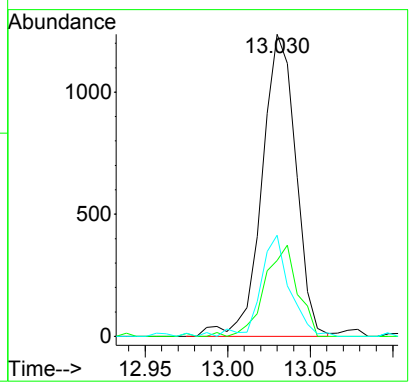


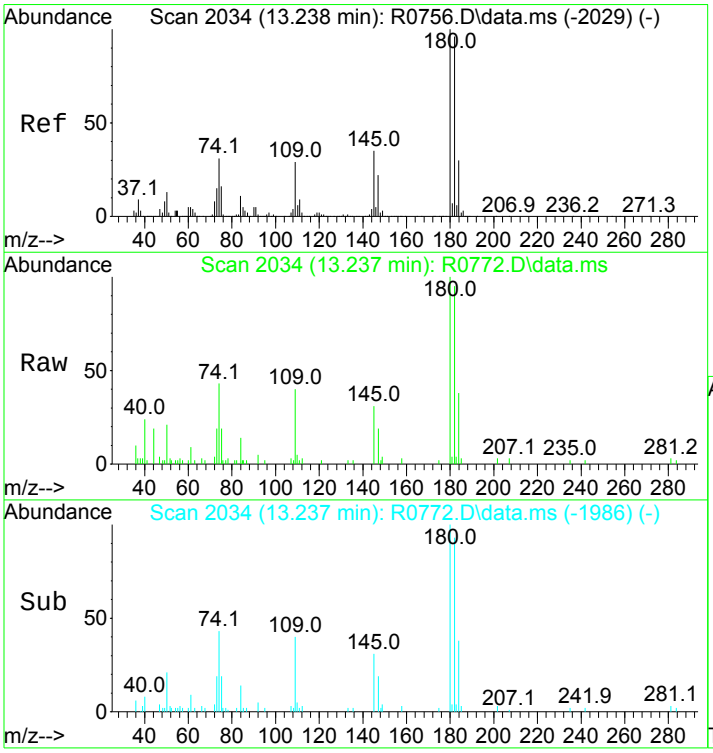


#113
Coelution Dichlorotoluene
Concen: 0.30 ug/L
RT: 13.030 min Scan# 2000
Delta R.T. -0.000 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:125 Resp: 1766

Ion	Ratio	Lower	Upper
125	100		
160	25.1	13.3	53.3
89	33.5	6.7	46.7

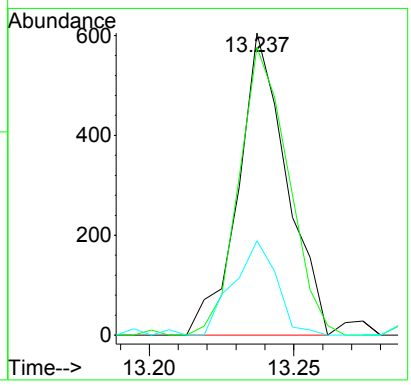


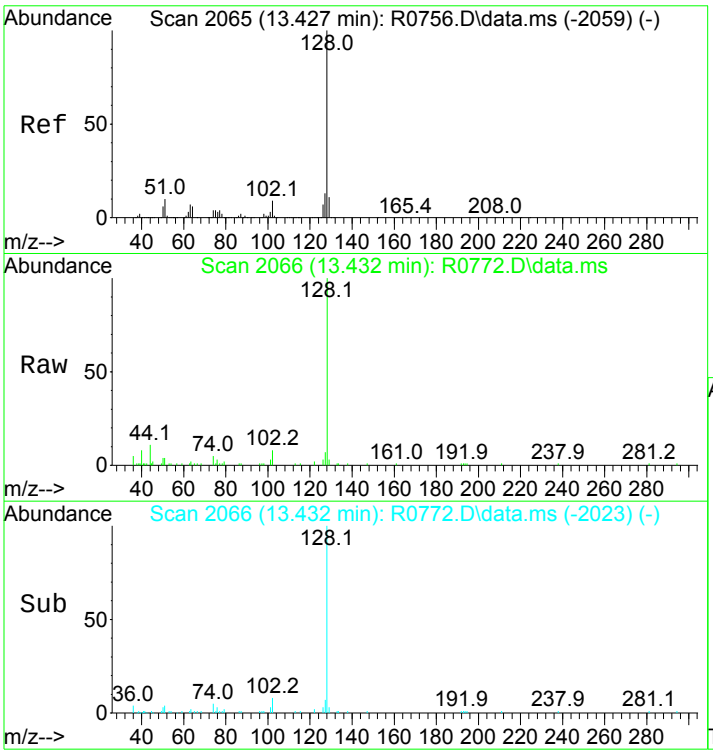


#114
1,2,4-Tcbenzene
Concen: 0.37 ug/L
RT: 13.237 min Scan# 2034
Delta R.T. 0.000 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:180 Resp: 703

Ion	Ratio	Lower	Upper
180	100		
182	95.4	75.7	115.7
145	31.2	14.9	54.9

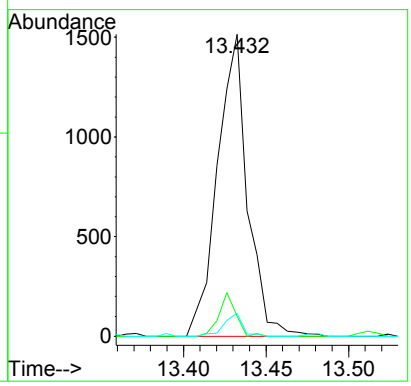


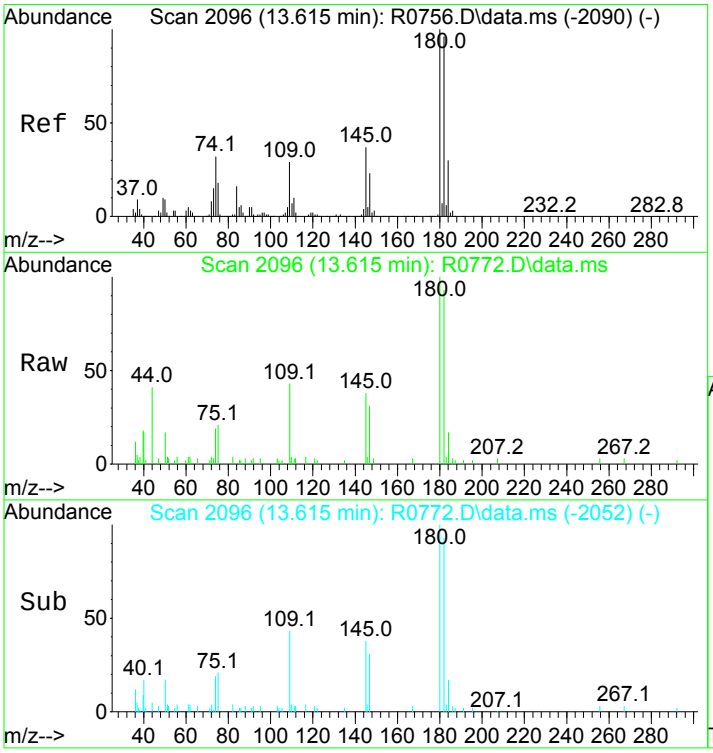


#116
Naphthalen
Concen: 0.65 ug/L
RT: 13.432 min Scan# 2066
Delta R.T. 0.006 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:128 Resp: 1925

Ion	Ratio	Lower	Upper
128	100		
127	6.7	0.0	32.8
102	7.7	0.0	29.1

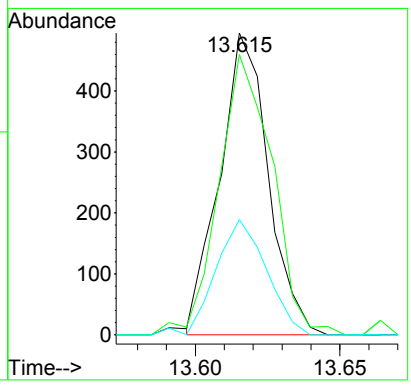


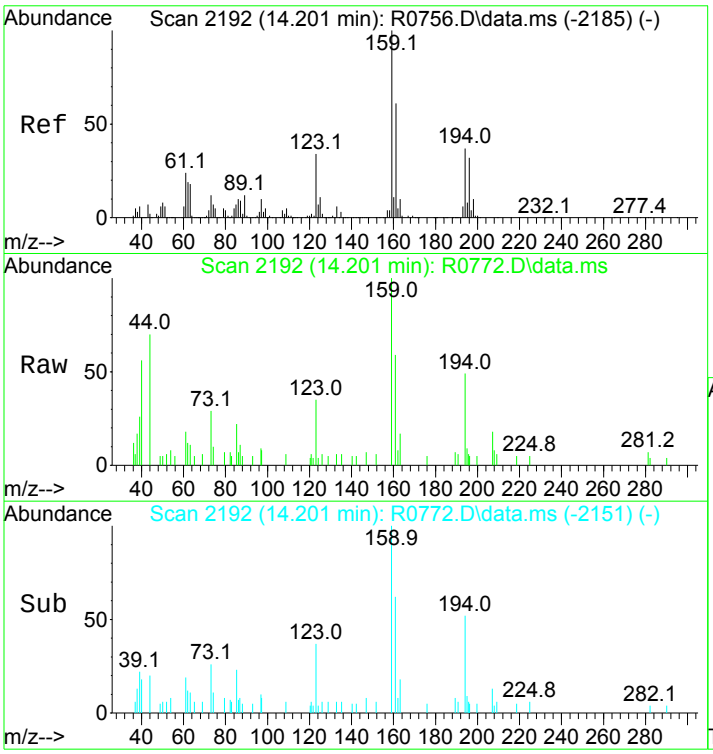


#117
1,2,3-Tclbenzene
Concen: 0.37 ug/L
RT: 13.615 min Scan# 2096
Delta R.T. 0.000 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:180 Resp: 578

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.0	116.0
145	42.6	16.7	56.7

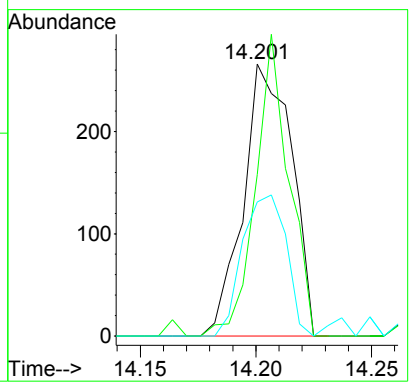


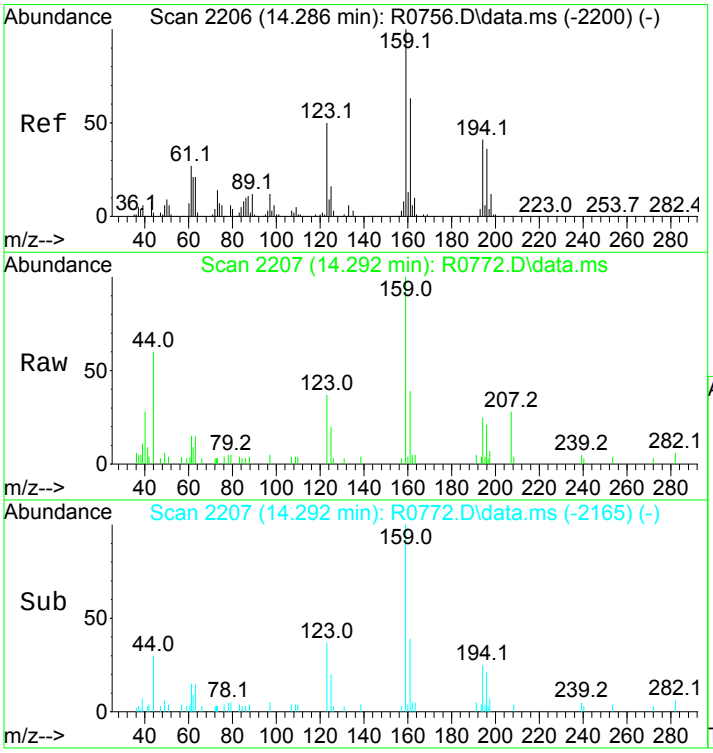


#118
2,4,5-Trichlorotoluene
Concen: 1.08 ug/L
RT: 14.201 min Scan# 2192
Delta R.T. 0.001 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:159 Resp: 386

Ion	Ratio	Lower	Upper
159	100		
161	59.4	41.1	81.1
194	49.2	16.6	56.6

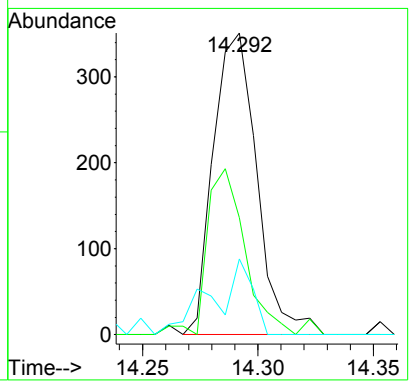




#119
2,3,6-Trichlorotoluene
Concen: 1.04 ug/L m
RT: 14.292 min Scan# 2207
Delta R.T. 0.006 min
Lab File: R0772.D
Acq: 13 Mar 2025 12:48 pm

Tgt Ion:159 Resp: 460

Ion	Ratio	Lower	Upper
159	100		
161	38.7	42.6	82.6#
194	25.1	20.8	60.8



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0769.D
Acq On : 13 Mar 2025 11:38 am
Operator : K.Ruest
Sample : LCS-UNP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:24 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	347964	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.178	114	580813	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.567	117	493671	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	245928	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.836	113	197533	51.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.08%			
47) surr1,1,2-dichloroetha...	5.422	65	282189	51.64	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 103.28%			
64) SURR3,Toluene-d8	8.049	98	682862	50.28	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 100.56%			
69) SURR2,BFB	10.659	95	259251	50.03	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 100.06%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	107443	27.861	ug/L	100
3) Dichlorodifluoromethane	1.075	85	85366	22.998	ug/L	99
4) Chloromethane	1.209	50	111533	19.467	ug/L	94
5) Vinyl Chloride	1.264	62	86802	19.695	ug/L	100
6) Bromomethane	1.465	94	50241	20.916	ug/L	99
7) Chloroethane	1.538	64	48798	17.233	ug/L	97
8) Freon 21	1.678	67	94119	15.790	ug/L	97
9) Trichlorofluoromethane	1.721	101	103361	17.742	ug/L	100
10) Diethyl Ether	1.935	59	74073	17.789	ug/L	99
11) Freon 123a	1.941	67	60625	16.898	ug/L	95
12) Freon 123	1.989	83	87199	19.770	ug/L	97
13) Acrolein	2.032	56	41011	33.045	ug/L	96
14) 1,1-Diclethene	2.105	96	52804	17.100	ug/L	97
15) Freon 113	2.111	101	57715	17.676	ug/L	92
16) Acetone	2.154	43	47719	15.906	ug/L	98
17) 2-Propanol	2.282	45	147695	319.571	ug/L	95
18) Iodomethane	2.227	142	41367	13.831	ug/L	99
19) Carbon Disulfide	2.282	76	142332	19.084	ug/L	99
20) Acetonitrile/Allyl Chl...	2.410	41	194949	112.078	ug/L	93
21) Methyl Acetate	2.434	43	81181	17.204	ug/L	98
22) Methylene Chloride	2.520	84	60413	17.396	ug/L	98
23) TBA	2.648	59	224494	349.516	ug/L	97
24) Acrylonitrile	2.764	53	223563	85.372	ug/L	99
25) Methyl-t-Butyl Ether	2.800	73	195077	18.462	ug/L	98
26) trans-1,2-Dichloroethene	2.788	96	60094	18.099	ug/L	98
27) 1,1-Diclethane	3.245	63	126526	17.871	ug/L	99
28) Vinyl Acetate	3.337	86	10662	15.768	ug/L #	92
29) DIPE	3.361	45	266700	17.210	ug/L	97
30) 2-Chloro-1,3-Butadiene	3.361	53	149575	17.610	ug/L	99
31) ETBE	3.849	59	251636	18.366	ug/L	99
32) 2,2-Dichloropropane	4.013	77	81117	19.525	ug/L	96
33) cis-1,2-Dichloroethene	4.019	96	65426	17.859	ug/L	93
34) 2-Butanone	4.080	43	55541	15.989	ug/L	96
35) Propionitrile	4.154	54	90485	85.432	ug/L	95
36) Bromochloromethane	4.385	130	45303	17.992	ug/L	93
37) Methacrylonitrile	4.404	67	33242	17.445	ug/L	99
38) Tetrahydrofuran	4.483	42	35225	16.744	ug/L	100
39) Chloroform	4.556	83	110653	17.298	ug/L	98
40) 1,1,1-Trichloroethane	4.830	97	98123	18.512	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0769.D
Acq On : 13 Mar 2025 11:38 am
Operator : K.Ruest
Sample : LCS-UNP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:24 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.769	73	168695	18.919	ug/L	99
43) Cyclohexane	4.910	41	74081	17.364	ug/L	94
45) Carbontetrachloride	5.135	117	83809	18.290	ug/L	97
46) 1,1-Dichloropropene	5.147	75	78043	17.218	ug/L	99
48) Benzene	5.501	78	227378	17.615	ug/L	98
49) 1,2-Dichloroethane	5.550	62	119724	17.754	ug/L	99
50) Iso-Butyl Alcohol	5.568	43	94304	317.510	ug/L	97
51) n-Heptane	6.025	43	120069	17.714	ug/L	97
52) 1-Butanol	6.592	56	140289	843.744	ug/L	98
53) Trichloroethene	6.513	130	66480	17.529	ug/L	96
54) Methylcyclohexane	6.751	55	112164	17.501	ug/L	98
55) 1,2-Diclpropane	6.806	63	71335	17.373	ug/L	96
56) Dibromomethane	6.952	93	43776	19.216	ug/L	97
57) 1,4-Dioxane	7.031	88	21464	338.854	ug/L	89
58) Methyl Methacrylate	7.056	69	51144	18.922	ug/L	97
59) Bromodichloromethane	7.190	83	82292	19.558	ug/L	98
60) 2-Nitropropane	7.501	41	28426	39.588	ug/L	97
61) 2-Chloroethylvinyl Ether	7.623	63	13677	26.805	ug/L	92
62) cis-1,3-Dichloropropene	7.751	75	94419	20.669	ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	104475	17.026	ug/L	99
65) Toluene	8.122	91	253212	17.888	ug/L	97
66) trans-1,3-Dichloropropene	8.409	75	87337	21.443	ug/L	97
67) Ethyl Methacrylate	8.561	69	88637	18.602	ug/L	100
68) 1,1,2-Trichloroethane	8.598	97	60932	18.282	ug/L	98
71) Tetrachloroethene	8.726	164	48463	17.748	ug/L	91
72) 2-Hexanone	8.909	43	76905	16.682	ug/L	98
73) 1,3-Dichloropropane	8.769	76	103361	18.417	ug/L	99
74) Dibromochloromethane	9.000	129	66065	20.076	ug/L	98
75) N-Butyl Acetate	9.067	43	145484	17.001	ug/L	98
76) 1,2-Dibromoethane	9.092	107	65246	18.691	ug/L	97
77) 3-Chlorobenzotrifluoride	9.628	180	78646	17.225	ug/L	100
78) Chlorobenzene	9.598	112	173409	17.889	ug/L	98
79) 4-Chlorobenzotrifluoride	9.683	180	69159	17.272	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.689	131	63468	19.382	ug/L	98
81) Ethylbenzene	9.720	106	87949	17.689	ug/L	96
82) (m+p)Xylene	9.836	106	221251	36.731	ug/L	99
83) o-Xylene	10.195	106	106504	17.831	ug/L	97
84) Styrene	10.214	104	184653	18.543	ug/L	98
85) Bromoform	10.360	173	38224	21.849	ug/L	94
86) 2-Chlorobenzotrifluoride	10.451	180	72776	17.321	ug/L	99
87) Isopropylbenzene	10.537	105	272448	18.768	ug/L	99
88) Cyclohexanone	10.604	55	464294	367.209	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.854	53	28751	15.908	ug/L	95
91) 1,1,2,2-Tetrachloroethane	10.805	83	82015	17.117	ug/L	99
92) Bromobenzene	10.780	156	70302	17.977	ug/L	96
93) 1,2,3-Trichloropropane	10.829	110	29575	17.109	ug/L	98
94) n-Propylbenzene	10.896	91	320295	17.508	ug/L	99
95) 2-Chlorotoluene	10.951	91	196291	17.937	ug/L	99
96) 3-Chlorotoluene	11.006	91	200246	17.780	ug/L	98
97) 4-Chlorotoluene	11.049	91	229125	17.917	ug/L	99
98) 1,3,5-Trimethylbenzene	11.049	105	230647	17.426	ug/L	100
99) tert-Butylbenzene	11.323	119	207925	17.893	ug/L	98
100) 1,2,4-Trimethylbenzene	11.360	105	235605	17.992	ug/L	99
101) 3,4-Dichlorobenzotrifl...	11.427	214	52263	17.875	ug/L	99
102) sec-Butylbenzene	11.506	105	297449	18.080	ug/L	99
103) p-Isopropyltoluene	11.628	119	259949	18.378	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0769.D
Acq On : 13 Mar 2025 11:38 am
Operator : K.Ruest
Sample : LCS-UNP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:24 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

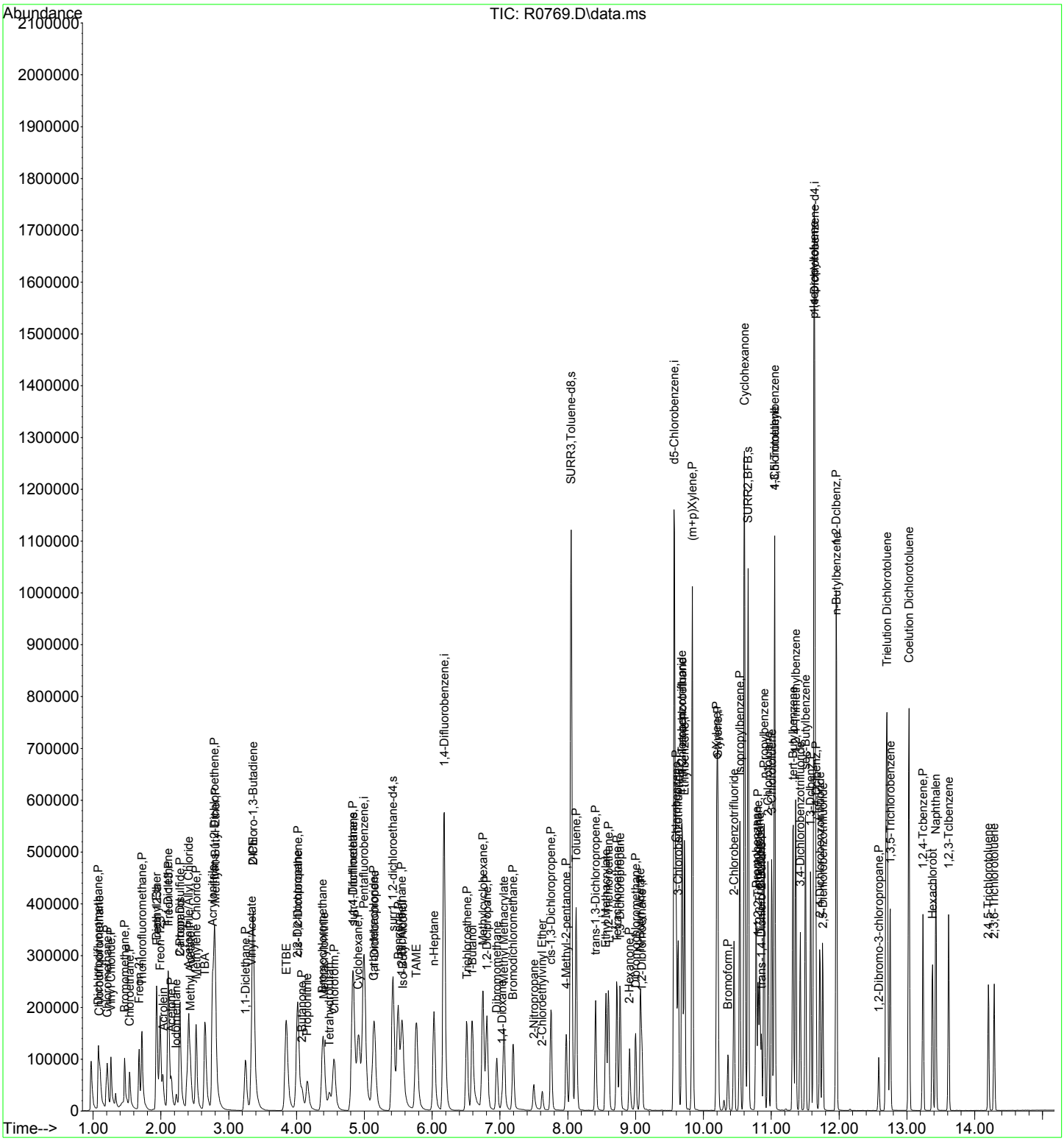
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	135711	18.215	ug/L	98
105) 1,4-Dclbenz	11.658	146	136634	17.875	ug/L	99
106) 2,4-Dichlorobenzotrifl...	11.719	214	46099	17.540	ug/L	98
107) 2,5-Dichlorobenzotrifl...	11.762	214	51084	17.552	ug/L	94
108) n-Butylbenzene	11.963	91	229467	19.049	ug/L	98
109) 1,2-Dclbenz	11.957	146	131024	18.131	ug/L	98
110) 1,2-Dibromo-3-chloropr...	12.585	157	16873	18.825	ug/L	94
111) Trielution Dichlorotol...	12.707	125	357122	57.004	ug/L	100
112) 1,3,5-Trichlorobenzene	12.756	180	84079	19.160	ug/L	97
113) Coelution Dichlorotoluene	13.030	125	248943	38.938	ug/L	99
114) 1,2,4-Tcbenzene	13.237	180	77740	18.341	ug/L	100
115) Hexachlorobt	13.378	225	32932	18.263	ug/L	98
116) Naphthalen	13.426	128	248761	17.816	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	73945	18.588	ug/L	97
118) 2,4,5-Trichlorotoluene	14.201	159	46561	18.354	ug/L	97
119) 2,3,6-Trichlorotoluene	14.286	159	43929	19.252	ug/L	98

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0769.D
Acq On : 13 Mar 2025 11:38 am
Operator : K.Ruest
Sample : LCS-UNP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:24 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	i	Pentafluorobenzene	50.000	50.000	0.0	107	0.00
2		Chlorodifluoromethane	50.000	45.819	8.4	102	0.00
3	P	Dichlorodifluoromethane	50.000	45.796	8.4	104	0.00
4	P	Chloromethane	50.000	43.304	13.4	102	0.00
5	P	Vinyl Chloride	50.000	44.660	10.7	104	0.00
6	P	Bromomethane	50.000	48.343	3.3	139	0.00
7	P	Chloroethane	50.000	42.942	14.1	104	0.00
8		Freon 21	50.000	47.499	5.0	104	0.00
9	P	Trichlorofluoromethane	50.000	44.395	11.2	104	0.00
10		Diethyl Ether	50.000	42.744	14.5	100	0.00
11		Freon 123a	50.000	46.178	7.6	105	0.00
12		Freon 123	50.000	47.627	4.7	105	0.00
13		Acrolein	250.000	204.679	18.1	88	0.00
14		1,1-Diclethene	50.000	44.315	11.4	105	0.00
15	P	Freon 113	50.000	43.565	12.9	104	0.00
16	P	Acetone	50.000	40.234	19.5	86	0.00
17		2-Propanol	1000.000	816.063	18.4	87	0.00
18		Iodomethane	50.000	32.263	35.5#	68	0.00
19	P	Carbon Disulfide	50.000	46.558	6.9	96	0.00
20		Acetonitrile/Allyl Chloride	300.000	265.375	11.5	98	0.00
21	P	Methyl Acetate	50.000	42.750	14.5	91	0.00
22	P	Methylene Chloride	50.000	42.313	15.4	104	0.00
23		TBA	1000.000	814.367	18.6	89	0.00
24		Acrylonitrile	250.000	204.247	18.3	93	0.00
25	P	Methyl-t-Butyl Ether	50.000	44.850	10.3	102	0.00
26	P	trans-1,2-Dichloroethene	50.000	44.548	10.9	105	0.00
27	P	1,1-Diclethane	50.000	45.277	9.4	103	0.00
28		Vinyl Acetate	50.000	44.425	11.2	95	0.00
29		DIPE	50.000	44.716	10.6	97	0.00
30		2-Chloro-1,3-Butadiene	50.000	44.377	11.2	95	0.00
31		ETBE	50.000	45.593	8.8	99	0.00
32		2,2-Dichloropropane	50.000	48.444	3.1	109	0.00
33	P	cis-1,2-Dichloroethene	50.000	43.698	12.6	102	0.00
34	P	2-Butanone	50.000	39.428	21.1#	84	0.00
35		Propionitrile	250.000	204.241	18.3	90	0.00
36		Bromochloromethane	50.000	43.968	12.1	105	0.00
37		Methacrylonitrile	50.000	41.761	16.5	95	0.00
38		Tetrahydrofuran	50.000	39.364	21.3#	91	0.00
39	P	Chloroform	50.000	43.380	13.2	103	0.00
40	P	1,1,1-Trichloroethane	50.000	46.970	6.1	107	0.00
41		TAME	50.000	46.498	7.0	101	0.00
42	i	1,4-Difluorobenzene	50.000	50.000	0.0	107	0.00
43	P	Cyclohexane	50.000	47.256	5.5	104	0.00
44	s	surr4,Dibrflmethane	50.000	51.346	-2.7	108	0.00
45	P	Carbontetrachloride	50.000	46.282	7.4	106	0.00
46		1,1-Dichloropropene	50.000	43.211	13.6	103	0.00
47	s	surr1,1,2-dichloroethane-d4	50.000	50.508	-1.0	107	0.00
48	P	Benzene	50.000	43.798	12.4	103	0.00
49	P	1,2-Dichloroethane	50.000	43.566	12.9	105	0.00
50		Iso-Butyl Alcohol	1000.000	774.049	22.6#	84	0.00
51		n-Heptane	50.000	41.468	17.1	99	0.00

Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
52		1-Butanol	2500.000	2006.227	19.8	82	0.00
53	P	Trichloroethene	50.000	43.856	12.3	104	0.00
54	P	Methylcyclohexane	50.000	48.150	3.7	103	0.00
55	P	1,2-Diclpropane	50.000	43.751	12.5	102	0.00
56		Dibromomethane	50.000	45.922	8.2	102	0.00
57		1,4-Dioxane	1000.000	777.997	22.2#	88	0.00
58		Methyl Methacrylate	50.000	45.392	9.2	97	0.00
59	P	Bromodichloromethane	50.000	49.493	1.0	107	0.00
60		2-Nitropropane	100.000	93.130	6.9	102	0.00
61		2-Chloroethylvinyl Ether	50.000	37.146	25.7#	77	0.00
62	P	cis-1,3-Dichloropropene	50.000	49.176	1.6	105	0.00
63	P	4-Methyl-2-pentanone	50.000	40.453	19.1	85	0.00
64	s	SURR3,Toluene-d8	50.000	51.064	-2.1	110	0.00
65	P	Toluene	50.000	43.579	12.8	103	0.00
66	P	trans-1,3-Dichloropropene	50.000	50.626	-1.3	107	0.00
67		Ethyl Methacrylate	50.000	45.176	9.6	98	0.00
68	P	1,1,2-Trichloroethane	50.000	44.302	11.4	101	0.00
69	s	SURR2,BFB	50.000	50.763	-1.5	111	0.00
70	i	d5-Chlorobenzene	50.000	50.000	0.0	107	0.00
71	P	Tetrachloroethene	50.000	42.058	15.9	104	0.00
72	P	2-Hexanone	50.000	39.076	21.8#	84	0.00
73		1,3-Dichloropropane	50.000	43.203	13.6	100	0.00
74	P	Dibromochloromethane	50.000	48.406	3.2	105	0.00
75		N-Butyl Acetate	50.000	46.397	7.2	95	0.00
76	P	1,2-Dibromoethane	50.000	44.719	10.6	102	0.00
77		3-Chlorobenzotrifluoride	50.000	43.624	12.8	100	0.00
78	P	Chlorobenzene	50.000	41.851	16.3	101	0.00
79		4-Chlorobenzotrifluoride	50.000	44.890	10.2	100	0.00
80		1,1,1,2-Tetrachloroethane	50.000	48.166	3.7	104	0.00
81	P	Ethylbenzene	50.000	42.005	16.0	100	0.00
82	P	(m+p)Xylene	100.000	86.248	13.8	101	0.00
83	P	o-Xylene	50.000	43.266	13.5	101	0.00
84	P	Styrene	50.000	45.411	9.2	102	0.00
85	P	Bromoform	50.000	49.256	1.5	105	0.00
86		2-Chlorobenzotrifluoride	50.000	45.239	9.5	101	0.00
87	P	Isopropylbenzene	50.000	42.689	14.6	101	0.00
88		Cyclohexanone	1000.000	836.987	16.3	85	0.00
89		trans-1,4-Dichloro-2-Butene	50.000	44.910	10.2	97	0.00
90	i	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
91	P	1,1,2,2-Tetrachloroethane	50.000	42.146	15.7	97	0.00
92		Bromobenzene	50.000	42.767	14.5	102	0.00
93		1,2,3-Trichloropropane	50.000	39.534	20.9#	96	0.00
94		n-Propylbenzene	50.000	41.889	16.2	100	0.00
95		2-Chlorotoluene	50.000	42.173	15.7	101	0.00
96		3-Chlorotoluene	50.000	43.690	12.6	99	0.00
97		4-Chlorotoluene	50.000	42.737	14.5	102	0.00
98		1,3,5-Trimethylbenzene	50.000	42.777	14.4	101	0.00
99		tert-Butylbenzene	50.000	41.533	16.9	100	0.00
100		1,2,4-Trimethylbenzene	50.000	43.027	13.9	100	0.00
101		3,4-Dichlorobenzotrifluorid	50.000	46.059	7.9	103	0.00

Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
102		sec-Butylbenzene	50.000	41.455	17.1	99	0.00
103		p-Isopropyltoluene	50.000	42.383	15.2	100	0.00
104	P	1,3-Dclbenz	50.000	42.337	15.3	102	0.00
105	P	1,4-Dclbenz	50.000	41.768	16.5	102	0.00
106		2,4-Dichlorobenzotrifluorid	50.000	45.041	9.9	102	0.00
107		2,5-Dichlorobenzotrifluorid	50.000	46.028	7.9	103	0.00
108		n-Butylbenzene	50.000	43.569	12.9	100	0.00
109	P	1,2-Dclbenz	50.000	42.280	15.4	100	0.00
110	P	1,2-Dibromo-3-chloropropane	50.000	44.722	10.6	94	0.00
111		Trielution Dichlorotoluene	150.000	141.316	5.8	99	0.00
112		1,3,5-Trichlorobenzene	50.000	47.497	5.0	102	0.00
113		Coelution Dichlorotoluene	100.000	97.855	2.1	100	0.00
114	P	1,2,4-Tcbenzene	50.000	44.103	11.8	100	0.00
115		Hexachlorobt	50.000	40.897	18.2	99	0.00
116		Naphthalen	50.000	42.030	15.9	94	0.00
117		1,2,3-Tclbenzene	50.000	43.929	12.1	99	0.00
118		2,4,5-Trichlorotoluene	50.000	49.556	0.9	100	0.00
119		2,3,6-Trichlorotoluene	50.000	52.514	-5.0	105	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
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Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	4.995	168	348971	50.00	ug/L	0.00
42) 1,4-Difluorobenzene	6.177	114	582963	50.00	ug/L	0.00
70) d5-Chlorobenzene	9.573	117	508476	50.00	ug/L	0.00
90) 1,4-Dichlorobenzene-d4	11.640	152	254859	50.00	ug/L	0.00
System Monitoring Compounds						
44) surr4,Dibrflmethane	4.830	113	199444	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 116		Recovery = 102.70%			
47) surr1,1,2-dichloroetha...	5.421	65	277007	50.51	ug/L	0.00
Spiked Amount 50.000	Range 73 - 125		Recovery = 101.02%			
64) SURR3,Toluene-d8	8.049	98	696147	51.06	ug/L	0.00
Spiked Amount 50.000	Range 87 - 121		Recovery = 102.12%			
69) SURR2,BFB	10.658	95	264031	50.76	ug/L	0.00
Spiked Amount 50.000	Range 85 - 122		Recovery = 101.52%			
Target Compounds						Qvalue
2) Chlorodifluoromethane	1.093	51	177210	45.819	ug/L	98
3) Dichlorodifluoromethane	1.075	85	170483	45.796	ug/L	99
4) Chloromethane	1.209	50	248823	43.304	ug/L	100
5) Vinyl Chloride	1.264	62	197397	44.660	ug/L	98
6) Bromomethane	1.465	94	116456	48.343	ug/L	100
7) Chloroethane	1.538	64	121945	42.942	ug/L	100
8) Freon 21	1.678	67	283941	47.499	ug/L	100
9) Trichlorofluoromethane	1.721	101	259383	44.395	ug/L	99
10) Diethyl Ether	1.934	59	178498	42.744	ug/L	99
11) Freon 123a	1.940	67	166149	46.178	ug/L	99
12) Freon 123	1.989	83	210679	47.627	ug/L	98
13) Acrolein	2.032	56	254753	204.679	ug/L	98
14) 1,1-Diclethene	2.105	96	137238	44.315	ug/L	97
15) Freon 113	2.111	101	142663	43.565	ug/L	96
16) Acetone	2.154	43	121054	40.234	ug/L	99
17) 2-Propanol	2.282	45	378249	816.063	ug/L	100
18) Iodomethane	2.227	142	130596	32.263	ug/L	99
19) Carbon Disulfide	2.282	76	348236	46.558	ug/L	100
20) Acetonitrile/Allyl Chl...	2.410	41	462931	265.375	ug/L	97
21) Methyl Acetate	2.434	43	202314	42.750	ug/L	99
22) Methylene Chloride	2.519	84	147370	42.313	ug/L	99
23) TBA	2.654	59	524581	814.367	ug/L	97
24) Acrylonitrile	2.763	53	536411	204.247	ug/L	98
25) Methyl-t-Butyl Ether	2.800	73	475276	44.850	ug/L	98
26) trans-1,2-Dichloroethene	2.788	96	148338	44.548	ug/L	96
27) 1,1-Diclethane	3.245	63	321493	45.277	ug/L	99
28) Vinyl Acetate	3.336	86	32363	44.425	ug/L	98
29) DIPE	3.361	45	694963	44.716	ug/L	98
30) 2-Chloro-1,3-Butadiene	3.355	53	378018	44.377	ug/L	96
31) ETBE	3.848	59	626467	45.593	ug/L	99
32) 2,2-Dichloropropane	4.013	77	210329	48.444	ug/L	96
33) cis-1,2-Dichloroethene	4.019	96	160550	43.698	ug/L	98
34) 2-Butanone	4.080	43	137362	39.428	ug/L	99
35) Propionitrile	4.159	54	216946	204.241	ug/L	100
36) Bromochloromethane	4.385	130	111033	43.968	ug/L	98
37) Methacrylonitrile	4.403	67	79806	41.761	ug/L	99
38) Tetrahydrofuran	4.476	42	83050	39.364	ug/L	98
39) Chloroform	4.556	83	278302	43.380	ug/L	98
40) 1,1,1-Trichloroethane	4.830	97	249683	46.970	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) TAME	5.763	73	415805	46.498	ug/L	99
43) Cyclohexane	4.915	41	202355	47.256	ug/L	99
45) Carbontetrachloride	5.135	117	212854	46.282	ug/L	99
46) 1,1-Dichloropropene	5.147	75	196592	43.211	ug/L	99
48) Benzene	5.501	78	567455	43.798	ug/L	99
49) 1,2-Dichloroethane	5.549	62	294879	43.566	ug/L	98
50) Iso-Butyl Alcohol	5.568	43	230752	774.049	ug/L	98
51) n-Heptane	6.025	43	282110	41.468	ug/L	99
52) 1-Butanol	6.586	56	355146	2006.227	ug/L	98
53) Trichloroethene	6.507	130	166943	43.856	ug/L	98
54) Methylcyclohexane	6.744	55	309739	48.150	ug/L	99
55) 1,2-Diclpropane	6.805	63	180313	43.751	ug/L	100
56) Dibromomethane	6.952	93	105005	45.922	ug/L	98
57) 1,4-Dioxane	7.031	88	49463	777.997	ug/L	96
58) Methyl Methacrylate	7.055	69	123146	45.392	ug/L	98
59) Bromodichloromethane	7.195	83	209019	49.493	ug/L	99
60) 2-Nitropropane	7.500	41	76308	93.130	ug/L	100
61) 2-Chloroethylvinyl Ether	7.622	63	19721	37.146	ug/L	96
62) cis-1,3-Dichloropropene	7.750	75	235595	49.176	ug/L	99
63) 4-Methyl-2-pentanone	7.976	43	249151	40.453	ug/L	100
65) Toluene	8.122	91	619156	43.579	ug/L	100
66) trans-1,3-Dichloropropene	8.409	75	219700	50.626	ug/L	99
67) Ethyl Methacrylate	8.561	69	221848	45.176	ug/L	99
68) 1,1,2-Trichloroethane	8.598	97	148201	44.302	ug/L	99
71) Tetrachloroethene	8.726	164	118291	42.058	ug/L	96
72) 2-Hexanone	8.909	43	185549	39.076	ug/L	99
73) 1,3-Dichloropropane	8.768	76	249742	43.203	ug/L	99
74) Dibromochloromethane	9.000	129	170573	48.406	ug/L	100
75) N-Butyl Acetate	9.067	43	408952	46.397	ug/L	97
76) 1,2-Dibromoethane	9.091	107	160788	44.719	ug/L	98
77) 3-Chlorobenzotrifluoride	9.628	180	205148	43.624	ug/L	97
78) Chlorobenzene	9.597	112	417847	41.851	ug/L	99
79) 4-Chlorobenzotrifluoride	9.683	180	185138	44.890	ug/L	99
80) 1,1,1,2-Tetrachloroethane	9.689	131	162454	48.166	ug/L	100
81) Ethylbenzene	9.725	106	215113	42.005	ug/L	99
82) (m+p)Xylene	9.835	106	535102	86.248	ug/L	98
83) o-Xylene	10.195	106	266179	43.266	ug/L	99
84) Styrene	10.213	104	465761	45.411	ug/L	98
85) Bromoform	10.366	173	94749	49.256	ug/L	100
86) 2-Chlorobenzotrifluoride	10.451	180	195779	45.239	ug/L	99
87) Isopropylbenzene	10.536	105	638276	42.689	ug/L	99
88) Cyclohexanone	10.603	55	1090011	836.987	ug/L	99
89) trans-1,4-Dichloro-2-B...	10.853	53	86756	44.910	ug/L	95
91) 1,1,2,2-Tetrachloroethane	10.805	83	209277	42.146	ug/L	99
92) Bromobenzene	10.780	156	173321	42.767	ug/L	99
93) 1,2,3-Trichloropropane	10.835	110	70821	39.534	ug/L	97
94) n-Propylbenzene	10.896	91	794138	41.889	ug/L	99
95) 2-Chlorotoluene	10.957	91	478285	42.173	ug/L	98
96) 3-Chlorotoluene	11.006	91	509935	43.690	ug/L	100
97) 4-Chlorotoluene	11.048	91	566363	42.737	ug/L	99
98) 1,3,5-Trimethylbenzene	11.048	105	586739	42.777	ug/L	99
99) tert-Butylbenzene	11.323	119	500150	41.533	ug/L	100
100) 1,2,4-Trimethylbenzene	11.359	105	583892	43.027	ug/L	100
101) 3,4-Dichlorobenzotrifl...	11.426	214	139558	46.059	ug/L	98
102) sec-Butylbenzene	11.506	105	706762	41.455	ug/L	99
103) p-Isopropyltoluene	11.628	119	621264	42.383	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration

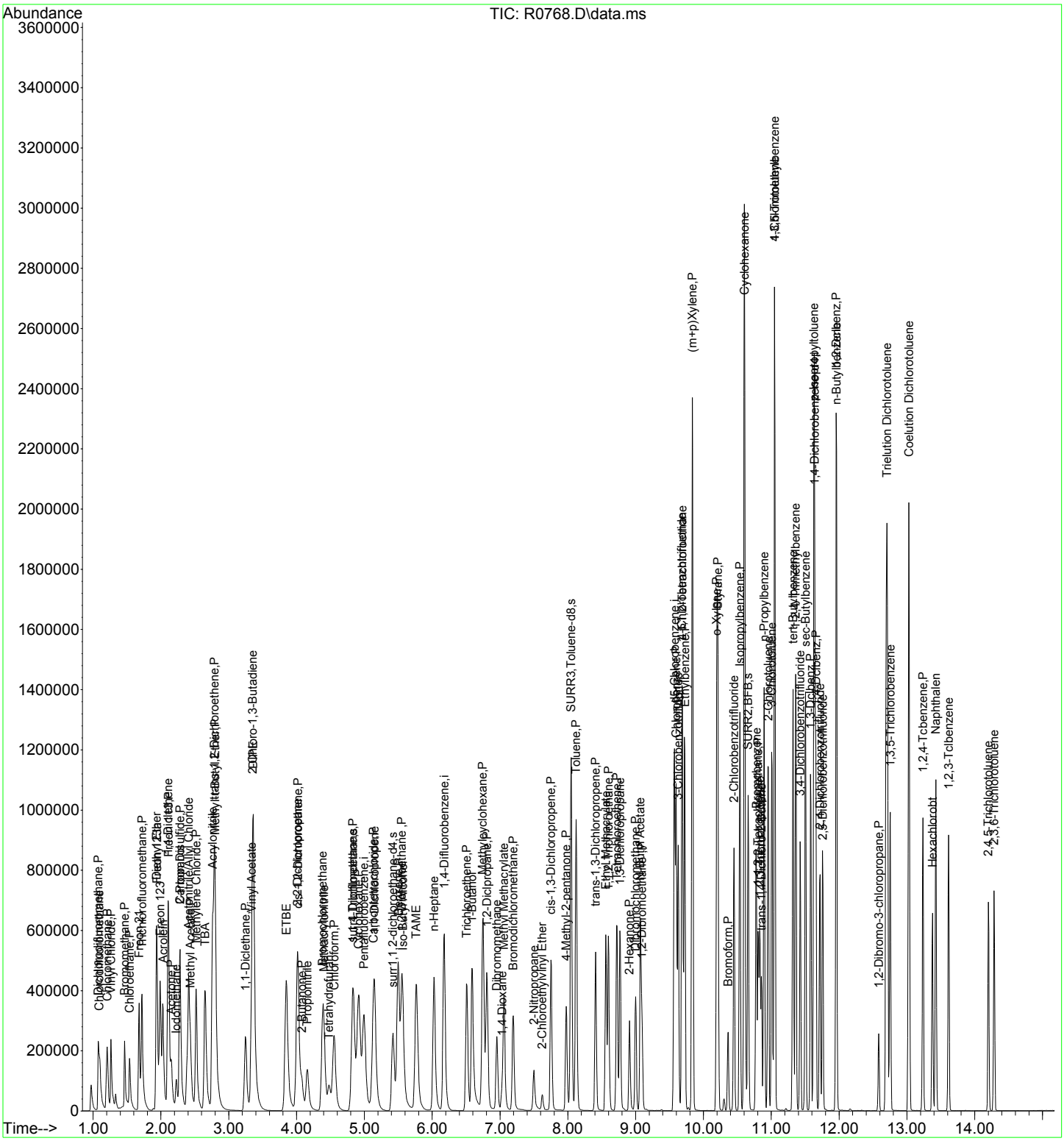
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
104) 1,3-Dclbenz	11.579	146	326887	42.337	ug/L	100
105) 1,4-Dclbenz	11.658	146	330861	41.768	ug/L	98
106) 2,4-Dichlorobenzotrifl...	11.719	214	122674	45.041	ug/L	99
107) 2,5-Dichlorobenzotrifl...	11.762	214	138826	46.028	ug/L	95
108) n-Butylbenzene	11.963	91	543912	43.569	ug/L	98
109) 1,2-Dclbenz	11.957	146	316633	42.280	ug/L	99
110) 1,2-Dibromo-3-chloropr...	12.585	157	43577	44.722	ug/L	97
111) Trielution Dichlorotol...	12.707	125	917475	141.316	ug/L	99
112) 1,3,5-Trichlorobenzene	12.755	180	216003	47.497	ug/L	99
113) Coelution Dichlorotoluene	13.030	125	648340	97.855	ug/L	100
114) 1,2,4-Tcbenzene	13.237	180	194929	44.103	ug/L	98
115) Hexachlorobt	13.377	225	76426	40.897	ug/L	98
116) Naphthalen	13.426	128	618857	42.030	ug/L	99
117) 1,2,3-Tclbenzene	13.615	180	182289	43.929	ug/L	98
118) 2,4,5-Trichlorotoluene	14.200	159	134625	49.556	ug/L	99
119) 2,3,6-Trichlorotoluene	14.286	159	128792	52.514	ug/L	99

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

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\MSVOA17\Data\031325\
Data File : R0768.D
Acq On : 13 Mar 2025 11:05 am
Operator : K.Ruest
Sample : CCV
Misc :
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 13 17:01:19 2025
Quant Method : I:\ACQUDATA\MSVOA17\Methods\W031225.m
Quant Title : MS#17 - 8260 WATERS 5mL Purge
QLast Update : Thu Mar 13 15:42:09 2025
Response via : Initial Calibration



ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500048-01	0.5ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0751.D	03/12/2025 11:36
02	RC2500048-02	1.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0752.D	03/12/2025 11:59
03	RC2500048-03	2.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0753.D	03/12/2025 12:22
04	RC2500048-04	5.0ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0754.D	03/12/2025 12:46
05	RC2500048-05	20ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0755.D	03/12/2025 13:09
06	RC2500048-06	50ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0756.D	03/12/2025 13:32
07	RC2500048-07	100ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0757.D	03/12/2025 13:55
08	RC2500048-08	150ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0758.D	03/12/2025 14:18
09	RC2500048-09	200ppbMRL	I:\ACQUDATA\MSVOA17\Data\031225\R0759.D	03/12/2025 14:41

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.7215	02	1.000	0.6556	03	2.000	0.7151	04	5.000	0.792
05	20.000	0.8409	06	50.000	0.7194	07	100.000	0.7935	08	150.000	0.7952
09	200.000	0.8215									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.9361	02	1.000	0.9625	03	2.000	1.009	04	5.000	1.069
05	20.000	1.137	06	50.000	0.9635	07	100.000	1.035	08	150.000	1.015
09	200.000	1.03									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.4765	02	1.000	0.4148	03	2.000	0.4603	04	5.000	0.4444
05	20.000	0.4803	06	50.000	0.4043	07	100.000	0.435	08	150.000	0.4342
09	200.000	0.4436									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.5006	05	20.000	0.4041	06	50.000	0.4364	07	100.000	0.4532
08	200.000	0.4363									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	0.3576	05	20.000	0.3079	06	50.000	0.3403	07	100.000	0.3375
08	200.000	0.3224									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.295	02	1.000	0.2775	03	2.000	0.2927	04	5.000	0.2952
05	20.000	0.2971	06	50.000	0.2394	07	100.000	0.2598	08	150.000	0.2587
09	200.000	0.2737									

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10.000	1.311	05	20.000	1.062	06	50.000	1.167	07	100.000	1.181
08	200.000	1.125									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.3517	02	1.000	0.2968	03	2.000	0.3452	04	5.000	0.3323
05	20.000	0.3544	06	50.000	0.2944	07	100.000	0.317	08	150.000	0.3159
09	200.000	0.3308									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.5927	02	1.000	0.5535	03	2.000	0.666	04	5.000	0.6578
05	20.000	0.6979	06	50.000	0.5844	07	100.000	0.6347	08	150.000	0.6429
09	200.000	0.6695									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.5157	02	1.000	0.5016	03	2.000	0.5428	04	5.000	0.5537
05	20.000	0.5739	06	50.000	0.4826	07	100.000	0.5229	08	150.000	0.5181
09	200.000	0.5264									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.500	0.4853	02	1.000	0.4158	03	2.000	0.4882	04	5.000	0.5328
05	20.000	0.5133	06	50.000	0.4369	07	100.000	0.4736	08	150.000	0.4723
09	200.000	0.4757									

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	8.0	≤20	0.7616	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	6.0	≤20	1.017	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	5.8	≤20	0.4437	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	7.9	≤20	0.4461	
Dibromofluoromethane	SURR	Average RF	% RSD	5.7	≤20	0.3332	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	7.4	≤20	0.2766	0.200
Toluene-d8	SURR	Average RF	% RSD	7.9	≤20	1.169	
Trichloroethene (TCE)	TRG	Average RF	% RSD	6.8	≤20	0.3265	0.200
Vinyl Chloride	TRG	Average RF	% RSD	7.4	≤20	0.6333	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	5.2	≤20	0.5264	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.4771	0.100

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 3/12/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500048 **Signal ID:** 1
Instrument ID: R-MS-17

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500048-10	ICV-50	I:\ACQUDATA\MSVOA17\Data\031225\R0763.D	03/12/2025 16:13

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	55.4	7.616E-1	8.441E-1	10.83	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.6	1.017E0	1.091E0	7.25	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	50.8	4.437E-1	4.507E-1	1.57	±30	Average RF
Tetrachloroethene (PCE)	50.0	52.7	2.766E-1	2.916E-1	5.43	±30	Average RF
Trichloroethene (TCE)	50.0	53.6	3.265E-1	3.501E-1	7.22	±30	Average RF
Vinyl Chloride	50.0	58.2	6.333E-1	7.374E-1	16.44	±30	Average RF
cis-1,2-Dichloroethene	50.0	52.6	5.264E-1	5.539E-1	5.22	±30	Average RF
trans-1,2-Dichloroethene	50.0	52.8	4.771E-1	5.04E-1	5.64	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	51.8	4.461E-1	4.623E-1	3.63	±30	Average RF
Dibromofluoromethane	50.0	49.8	3.332E-1	3.317E-1	-0.438	±30	Average RF
Toluene-d8	50.0	49.8	1.169E0	1.163E0	-0.498	±30	Average RF

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/13/25 11:05

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method:	8260D	**Calibration Date:**	3/12/2025
File ID:	I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\	**Calibration ID:**	RC2500048
Signal ID:	1	**Analysis Lot:**	872635
		Units:	ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	47.0	0.7616	0.7155	-6.1	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	45.3	1.0174	0.9213	-9.4	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	44.3	0.4437	0.3933	-11.4	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	42.1	0.2766	0.2326	-15.9	NA	±20	Average RF
Trichloroethene (TCE)	50.0	43.9	0.3265	0.2864	-12.3	NA	±20	Average RF
Vinyl Chloride	50.0	44.7	0.6333	0.5657	-10.7	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	43.7	0.5264	0.4601	-12.6	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	44.6	0.4771	0.4251	-10.9	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.8	0.4461	0.4529	1.5	NA	±20	Average RF
Dibromofluoromethane	50.0	51.4	0.3332	0.3421	2.7	NA	±20	Average RF
Toluene-d8	50.0	51.1	1.1693	1.1942	2.1	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**872635
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\031325\R0768.D\	Continuing Calibration Verification	RQ2502780-01	3/13/2025	11:05:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0769.D\	Lab Control Sample	RQ2502780-02	3/13/2025	11:38:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0770.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	12:01:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0772.D\	Method Blank	RQ2502780-04	3/13/2025	12:48:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0773.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	13:11:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0774.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	13:43:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0775.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	14:06:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0776.D\	MW-8-031125	R2502494-003	3/13/2025	14:29:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0777.D\	MW-9-031125	R2502494-004	3/13/2025	14:53:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0778.D\	MW-17-031125	R2502494-007	3/13/2025	15:16:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0779.D\	DUP-031125	R2502494-008	3/13/2025	15:39:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0782.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	16:48:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0783.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	17:11:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0784.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	17:34:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0785.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	17:57:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0786.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	18:20:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0787.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	18:43:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0788.D\	MW-16-031125	R2502494-006	3/13/2025	19:06:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0789.D\	DUP-031125	R2502494-008	3/13/2025	19:29:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0790.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	19:52:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0792.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	20:38:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0793.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:01:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0794.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:24:00	

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**872635
Instrument ID:R-MS-17

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA17\Data\031325\R0795.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	21:47:00	
I:\ACQUDATA\MSVOA17\Data\031325\R0796.D\	ZZZZZZZ	ZZZZZZZ	3/13/2025	22:10:00	

Analysis: 8260D_624 | Analyst: KRuest | pH strips: 224924 | Tune Method: W03225

Date: 3/13/25 | Balance ID: 2/A | ResCl strips: N/A | Run Method: ↓

Instr. 17 | 50 mL Class A used for dilution FV | Syringes: 238797 | LIMS Run#: 872635

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK								R0765		
2	↓								R0766		
3	TUNE								R0767	YT	(auto) 10:32 - not reached
1	CCV		R025 02780 · 01						R0768	YL	(11:05)
1	LCS · MP		02						R0769	YD	
2	LCS · FP		03						R0770	YD	
3	BLK		—						R0771	N	npt c/o
4	MBLK · MP		04						R0772	YB	
5	MBLK · FP		05	26399 60					R0773	YD	
1	R2502494 · 009		(MD) 20576	~~26399~~	1	N	N/A	c2	R0774	Y	
2	010				1			c2	R0775	Y	
3	003		(MD) 20576		1			(2)	R0776	Y	
4	004				1			(2)	R0777	Y	
5	007				1			(2)	R0778	Y	
6	008				1			(2)	R0779	(Y)	npt (2) TCE
7	006	10	5/50mL		1			—	R0780	(N)	(matrix) POS c/o npt (5)
8	BLK	—						—	R0781	—	
9	001			26399	1	N	N/A	c2	R0782	Y	
10	002				1			c2	R0783	Y	
11	005				1			c2	R0784	Y	
12	R2502509 · 002			26402	1			12	R0785	(Y)	npt (5) PCE
13	↓ 001	2.5	20/50mL	↓	1			c2	R0786	(Y)	npt (5) ↓
14	R2502488 · 002			26408	1			c2	R0787	Y	
15	R2502494 · 006	5.0	10/50mL (MD)	~~26399~~	2			(2)	~~R0788~~	Y	Foamy/sediment R2085 (PR)
16	↓ 006	2.0	25/50mL	26516	2			(2)	~~R0789~~	(Y)	(DD) TCE R2089
17	R2502488 · 004			26408	1			c2	R2090	Y	
18	↓ 001	2.5	20/50mL	↓	1			c2	R2091	(N)	npt (1)
19	003	2.5	↓		1			c2	R2092	Y	(OK)
20	R2502509 · 001	5.0	10/50mL	26402	2			c2	R2093	(Y)	DL
21	002	5.0			2			c2	R2094	(Y)	(DL)
22	↓ MS 002	5.0			2			c2	R2095	YD	
23	↓ MSD 002	5.0	↓	↓	2			c2	R2096	YD	22:10 ✓

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr :

Surrogate 5D : 240492

Internal Std 4D : 240493

Reagents:

500 Primary CC : 239763

Primary Fr : 240376

Primary TG : 240385 5uL→50mL

Primary HSL : 240537 = CCV

Primary 2,3,6 TMT : 240252

200 Secondary Fr : 240544 · 5uL

500 Secondary CC : 239423

Secondary TG : 240387 2uL

Secondary HSL : 240309 } 50mL = LCS

Secondary 2,3,6 TMT : 240255

-10.8mL

41.3mL

41.3mL vial = MSD

24) BLK · R2093

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Runlog-MSVOAr5 1/11/22

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 13:30
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-8-031125	**Units:**	ug/L
Lab Code:	R2502494-003	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**2.9**	0.040	0.035	1	03/14/25 17:49	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	83	64 - 124	03/14/25 17:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 16:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	MW-16-031125	**Units:**	ug/L
Lab Code:	R2502494-006	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**3.0**	0.13	0.12	1	03/14/25 18:06	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	84	64 - 124	03/14/25 18:06	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Collected:**	03/11/25 00:00
Sample Matrix:	Water	**Date Received:**	03/12/25 10:20
Sample Name:	DUP-031125	**Units:**	ug/L
Lab Code:	R2502494-008	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**2.7**	0.040	0.035	1	03/14/25 18:23	3/14/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Tetrahydrofuran-d8 (SUR)	97	64 - 124	03/14/25 18:23	

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91690.D
Acq On : 14 Mar 2025 05:49 pm
Operator : KProcopio
Sample : R2502494-003
Misc : 453857
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 08:22:14 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

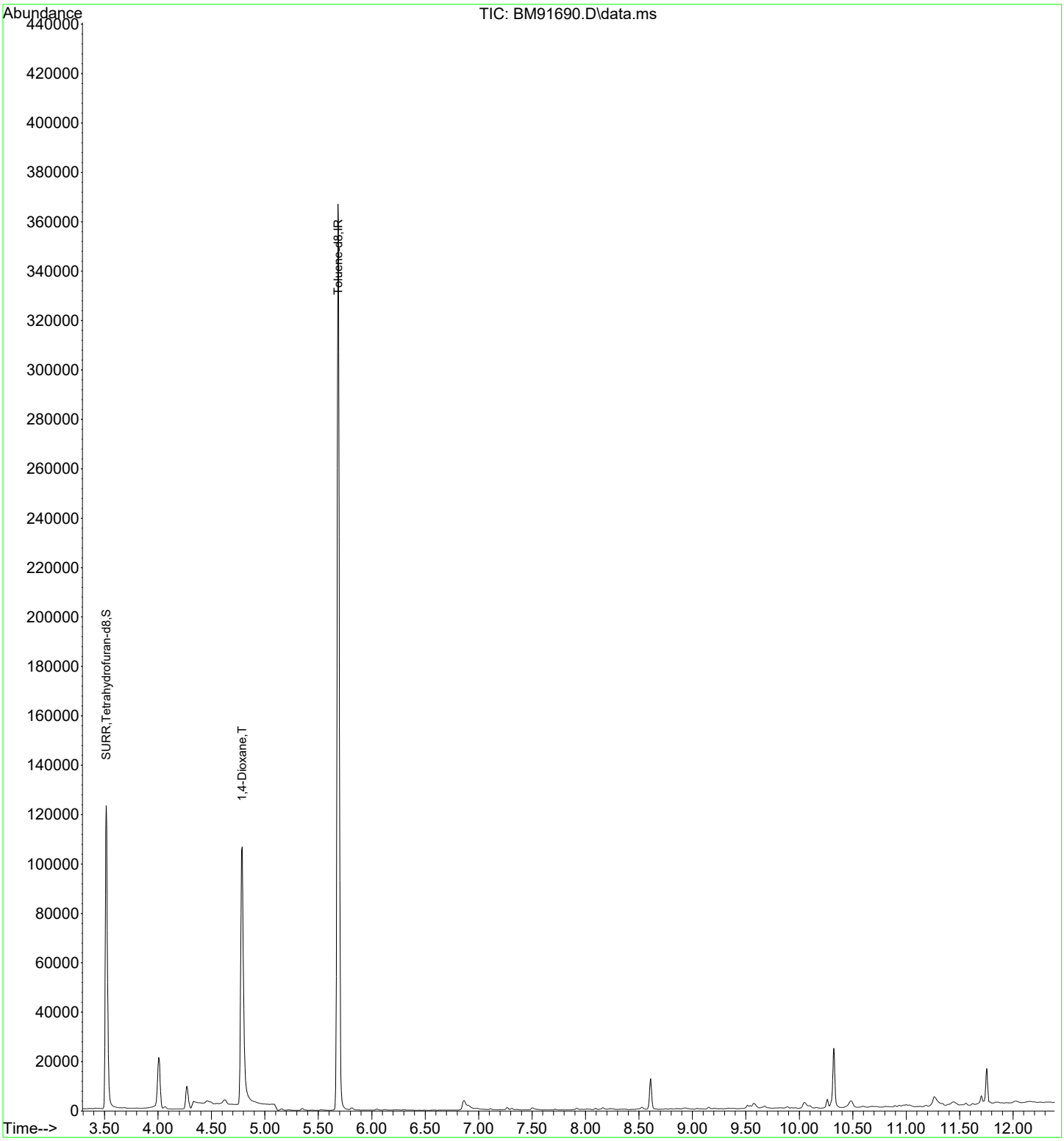
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.685	98	316779	100.00	ppb	0.00
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.516	46	63846	82.80	ppb	0.00
Spiked Amount 100.000	Range 70 - 130		Recovery = 82.80%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.787	88	121389	146.713	ppb	96

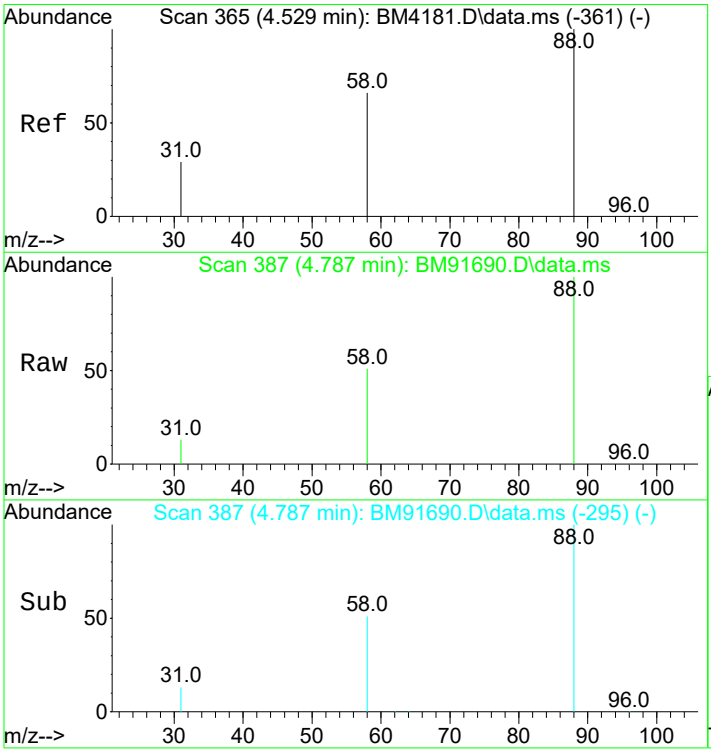
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91690.D
Acq On : 14 Mar 2025 05:49 pm
Operator : KProcopio
Sample : R2502494-003
Misc : 453857
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 18 08:22:14 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

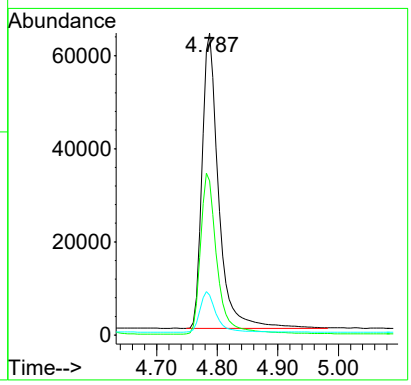




#2
1,4-Dioxane
Concen: 146.71 ppb
RT: 4.787 min Scan# 387
Delta R.T. 0.003 min
Lab File: BM91690.D
Acq: 14 Mar 2025 05:49 pm

Tgt Ion: 88 Resp: 121389

Ion	Ratio	Lower	Upper
88	100		
58	51.8	34.8	74.8
31	12.5	0.0	31.4



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91691.D
Acq On : 14 Mar 2025 06:06 pm
Operator : KProcopio
Sample : R2502494-006
Misc : 453857
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 08:22:17 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

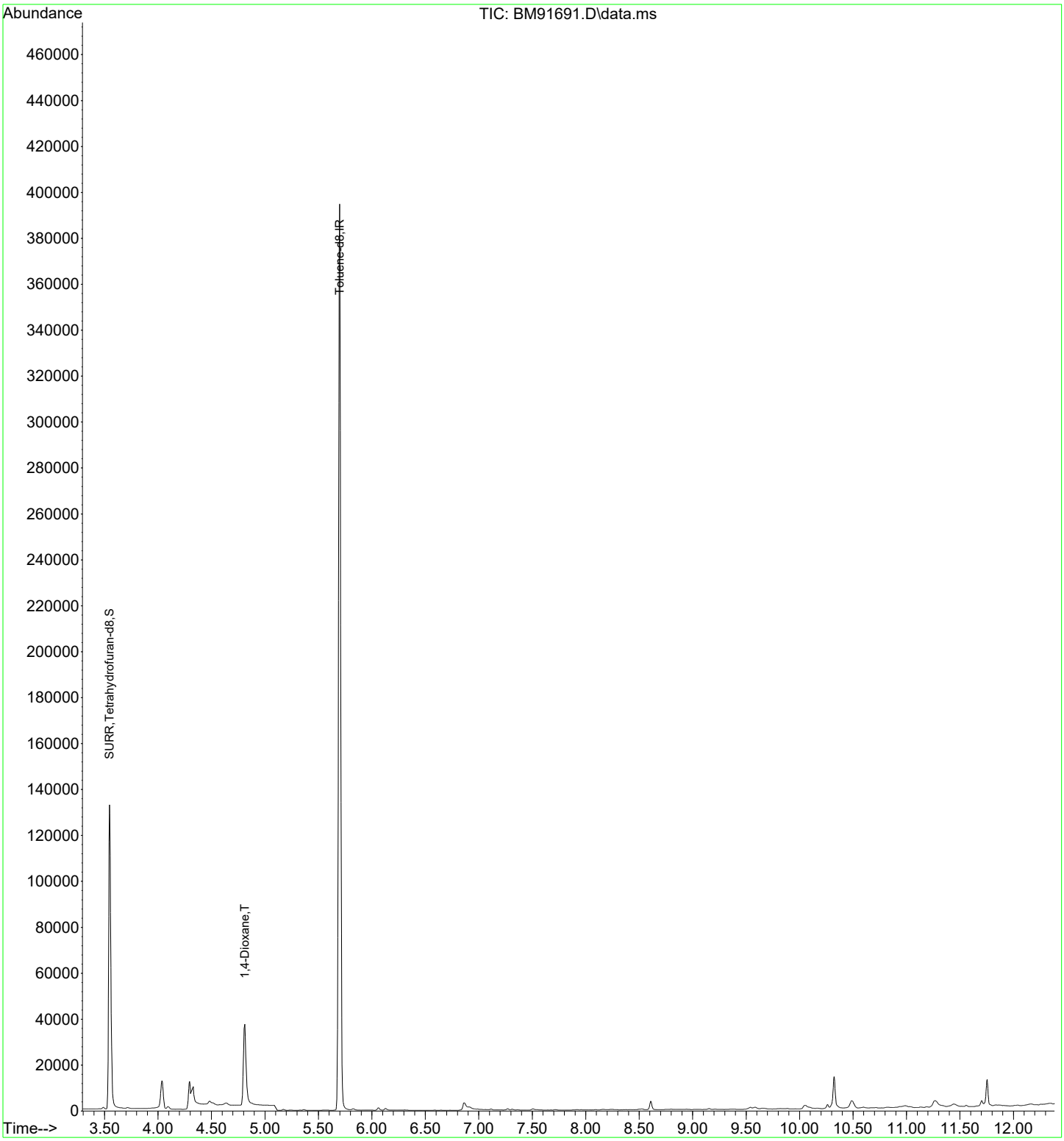
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.698	98	333827	100.00	ppb	0.01
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.546	46	68640	84.47	ppb	0.03
Spiked Amount 100.000	Range 70 - 130		Recovery = 84.47%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.811	88	39063	44.801	ppb	97

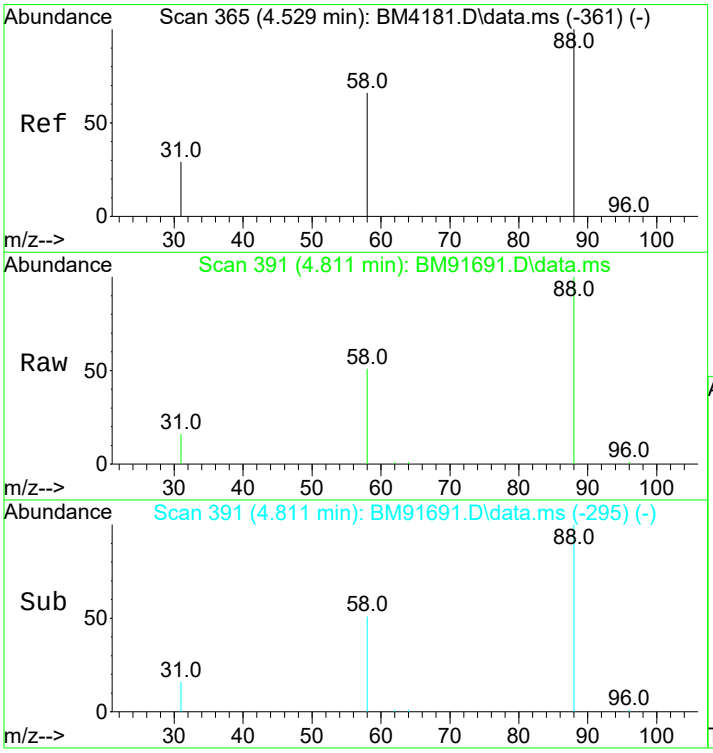
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91691.D
Acq On : 14 Mar 2025 06:06 pm
Operator : KProcopio
Sample : R2502494-006
Misc : 453857
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 18 08:22:17 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

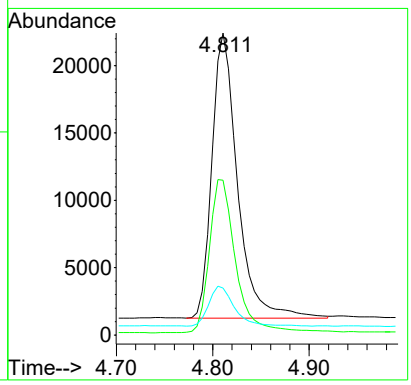




#2
1,4-Dioxane
Concen: 44.80 ppb
RT: 4.811 min Scan# 391
Delta R.T. 0.027 min
Lab File: BM91691.D
Acq: 14 Mar 2025 06:06 pm

Tgt Ion: 88 Resp: 39063

Ion	Ratio	Lower	Upper
88	100		
58	53.3	34.8	74.8
31	13.4	0.0	31.4



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91692.D
Acq On : 14 Mar 2025 06:23 pm
Operator : KProcopio
Sample : R2502494-008
Misc : 453857
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 08:22:20 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

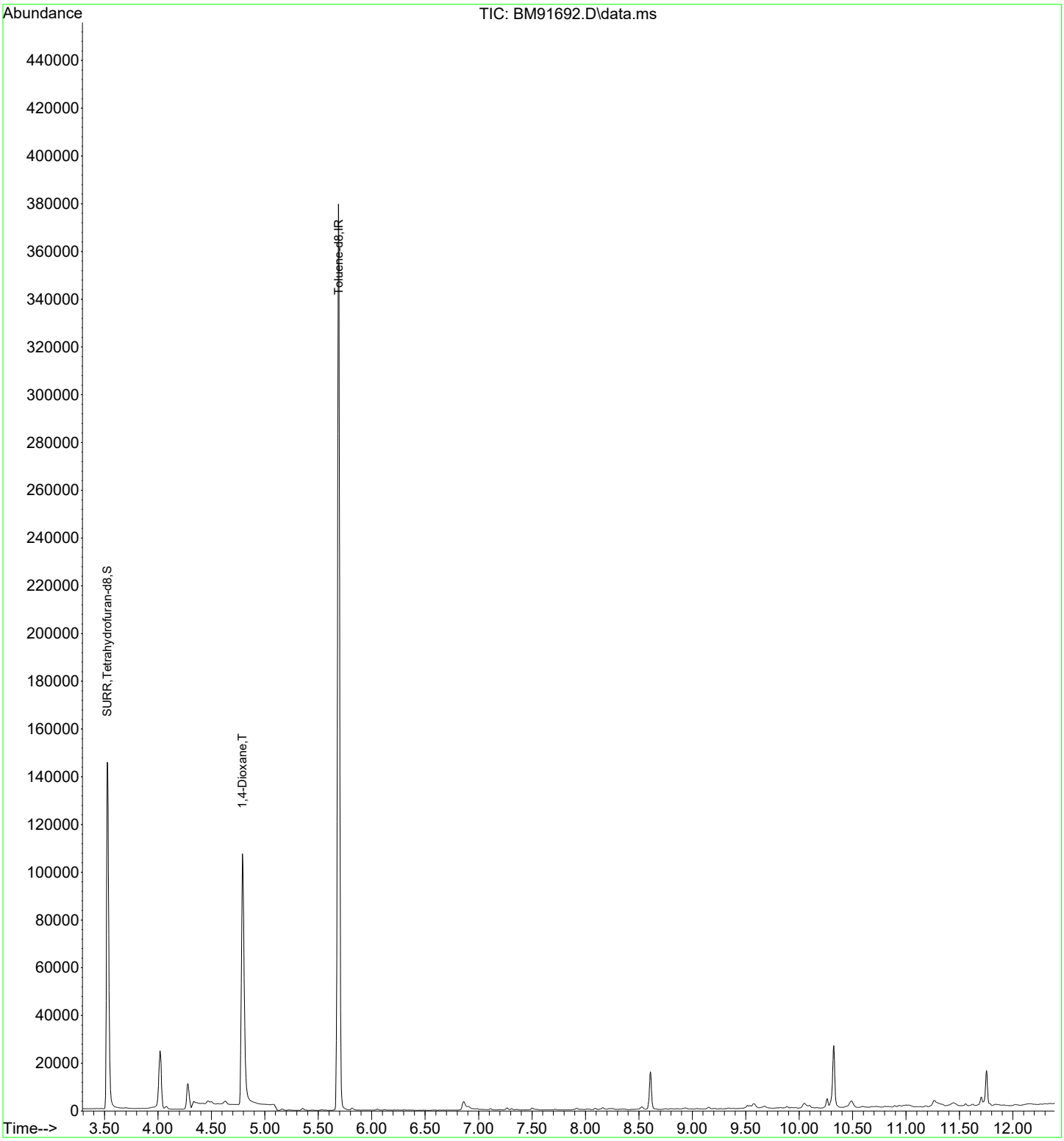
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.689	98	321216	100.00	ppb	0.00
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.526	46	75812	96.96	ppb	0.01
Spiked Amount 100.000	Range 70 - 130		Recovery = 96.96%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.790	88	115256	137.376	ppb	98

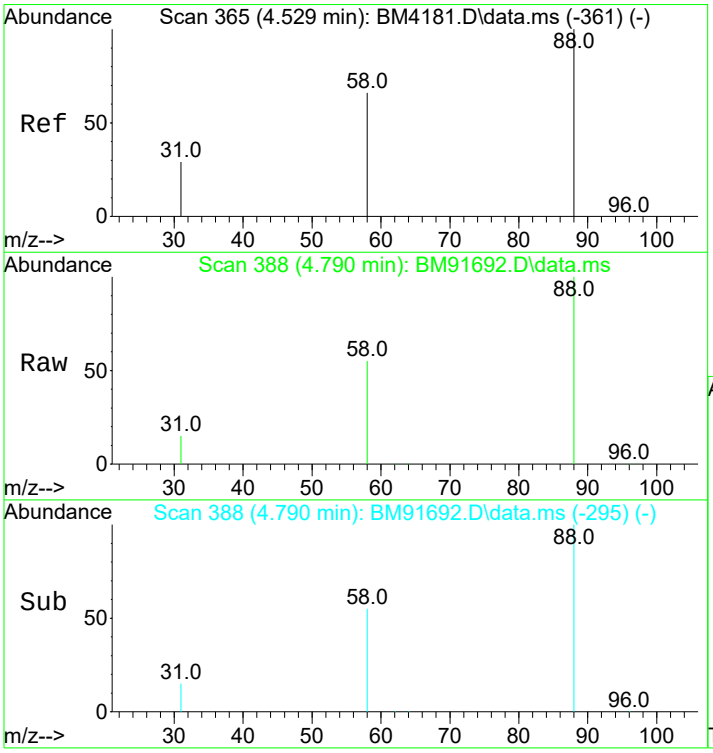
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91692.D
Acq On : 14 Mar 2025 06:23 pm
Operator : KProcopio
Sample : R2502494-008
Misc : 453857
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 18 08:22:20 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

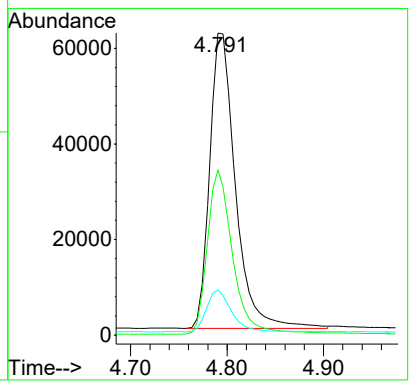




#2
1,4-Dioxane
Concen: 137.38 ppb
RT: 4.790 min Scan# 388
Delta R.T. 0.006 min
Lab File: BM91692.D
Acq: 14 Mar 2025 06:23 pm

Tgt Ion: 88 Resp: 115256

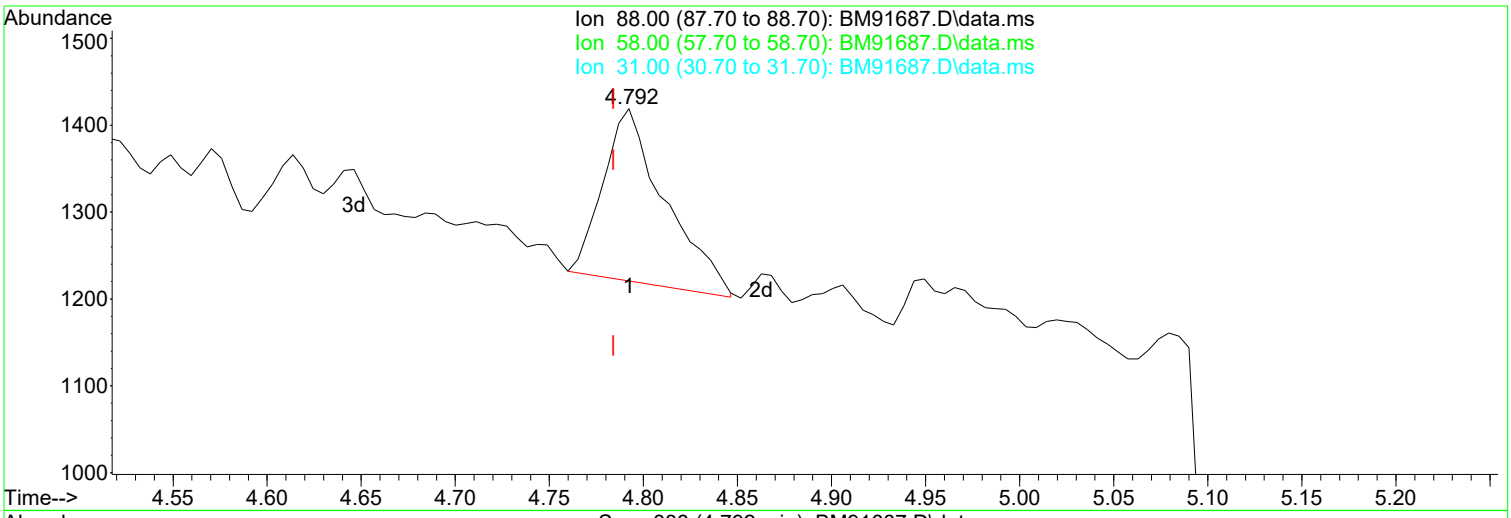
Ion	Ratio	Lower	Upper
88	100		
58	55.7	34.8	74.8
31	14.2	0.0	31.4

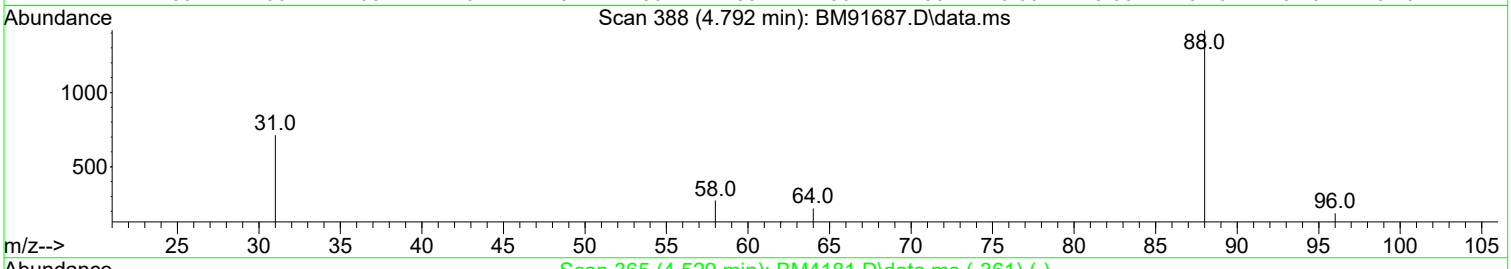


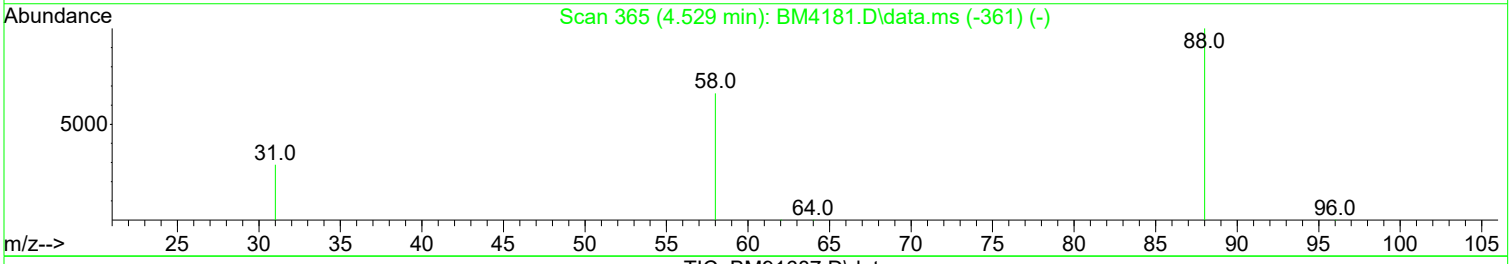
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91687.D
Acq On : 14 Mar 2025 04:59 pm
Operator : KProcopio
Sample : RQ2502811-01
Misc : 453857
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 08:22:05 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration







TIC: BM91687.D\data.ms

(2) 1,4-Dioxane (T)

4.792min (+ 0.008) 0.53 ppb m

response 450

Ion	Exp%	Act%
88.00	100.00	100.00
58.00	54.80	19.24#
31.00	11.40	50.18#
0.00	0.00	0.00

Manual Integration:

After

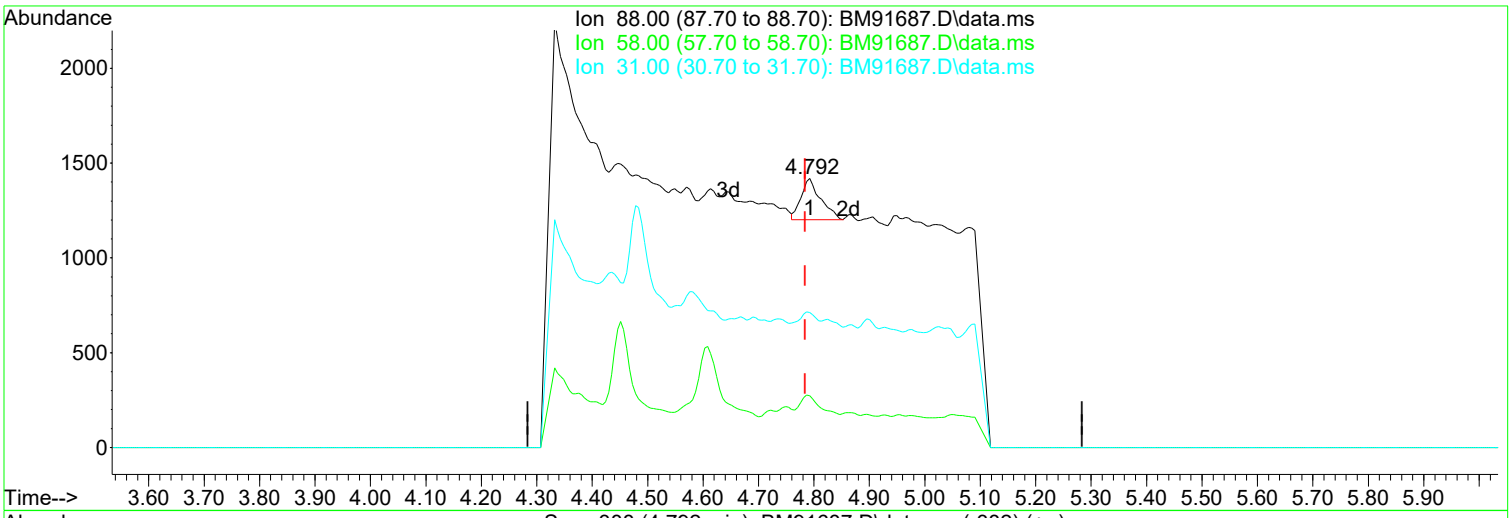
Poor integration.

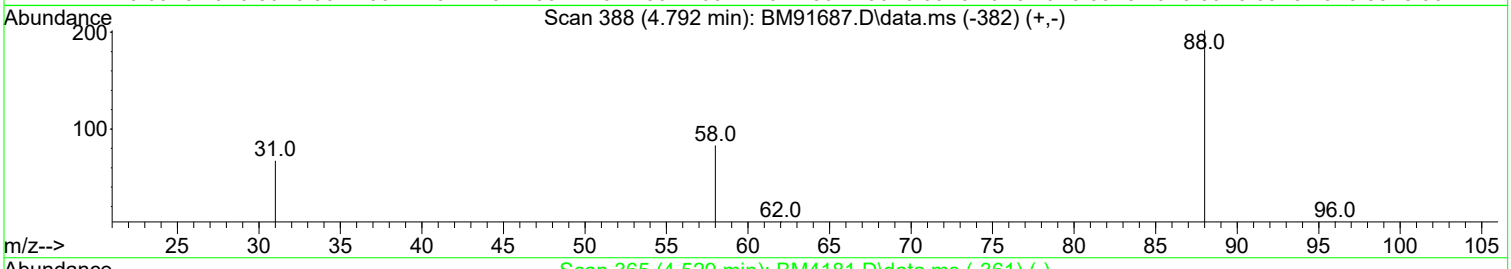
03/18/25

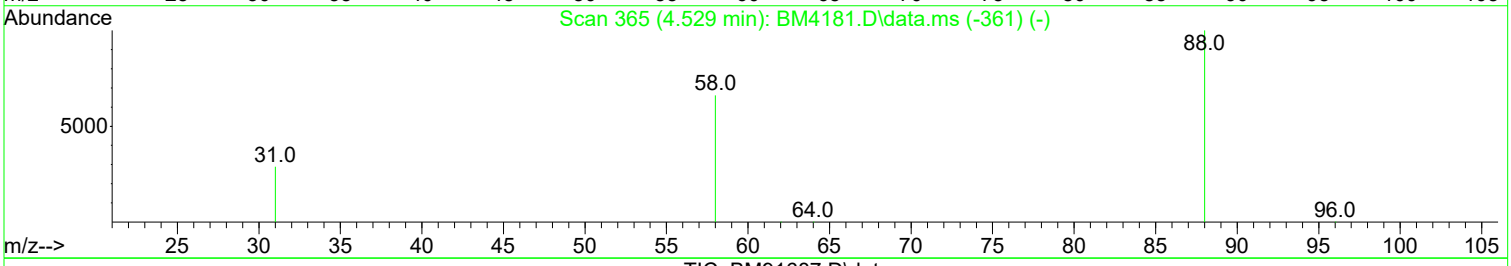
Quantitation Report (Qedit)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91687.D
Acq On : 14 Mar 2025 04:59 pm
Operator : KProcopio
Sample : RQ2502811-01
Misc : 453857
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 08:22:05 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration







TIC: BM91687.D\data.ms

(2) 1,4-Dioxane (T)

4.792min (+ 0.008) 0.63 ppb

response 533

Ion	Exp%	Act%
88.00	100.00	100.00
58.00	54.80	41.23
31.00	11.40	33.09#
0.00	0.00	0.00

Manual Integration:

Before

03/18/25

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91687.D
Acq On : 14 Mar 2025 04:59 pm
Operator : KProcopio
Sample : RQ2502811-01
Misc : 453857
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 08:22:05 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

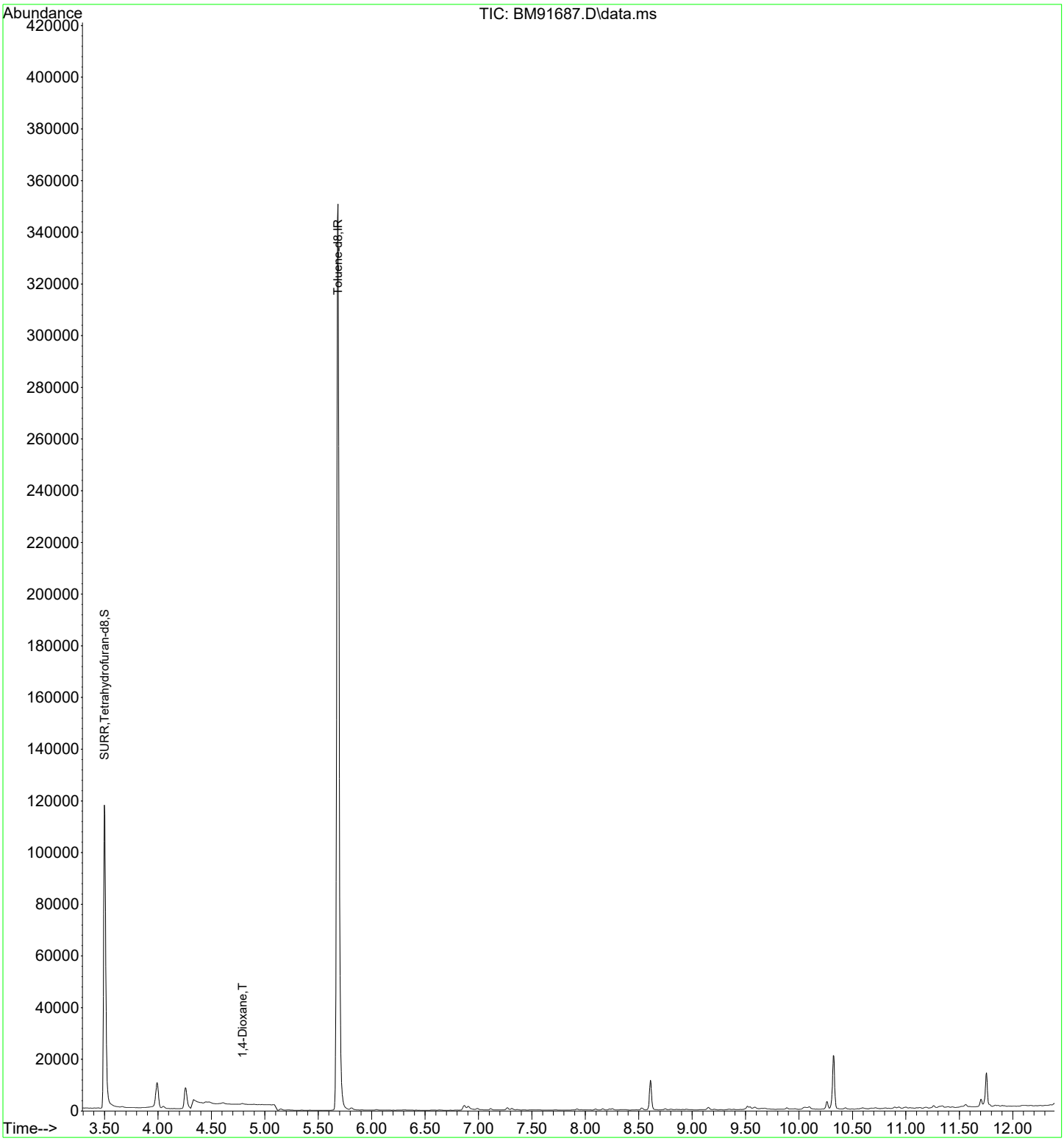
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.685	98	326192	100.00	ppb	0.00
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.498	46	62614	78.86	ppb	-0.01
Spiked Amount 100.000	Range 70 - 130		Recovery = 78.86%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.792	88	450m	0.528	ppb	

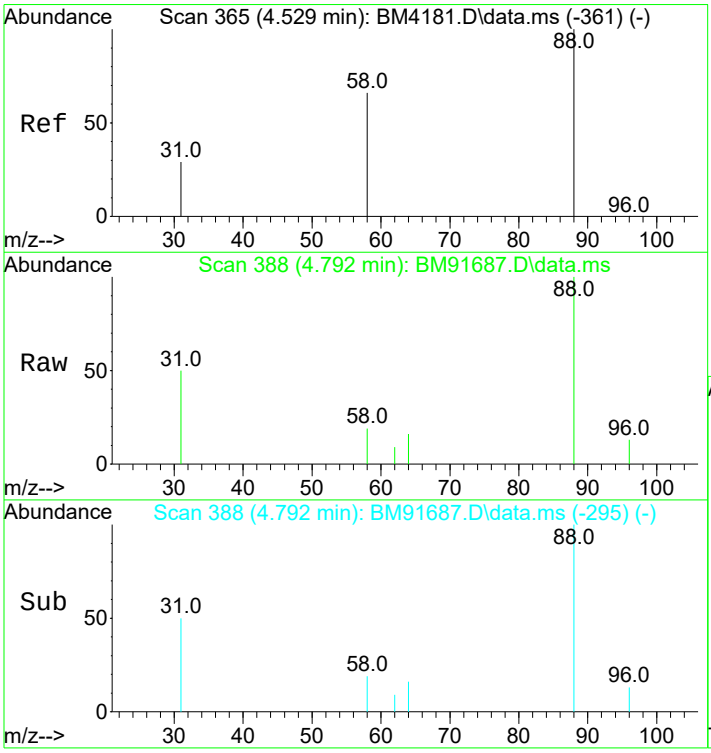
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91687.D
Acq On : 14 Mar 2025 04:59 pm
Operator : KProcopio
Sample : RQ2502811-01
Misc : 453857
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 18 08:22:05 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

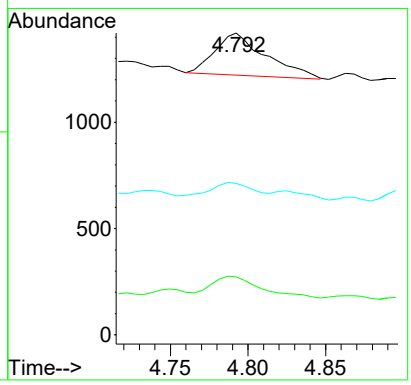




#2
1,4-Dioxane
Concen: 0.53 ppb m
RT: 4.792 min Scan# 388
Delta R.T. 0.008 min
Lab File: BM91687.D
Acq: 14 Mar 2025 04:59 pm

Tgt Ion: 88 Resp: 450

Ion	Ratio	Lower	Upper
88	100		
58	19.2	34.8	74.8#
31	50.2	0.0	31.4#



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91688.D
Acq On : 14 Mar 2025 05:16 pm
Operator : KProcopio
Sample : RQ2502811-02
Misc : 453857
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 08:22:08 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

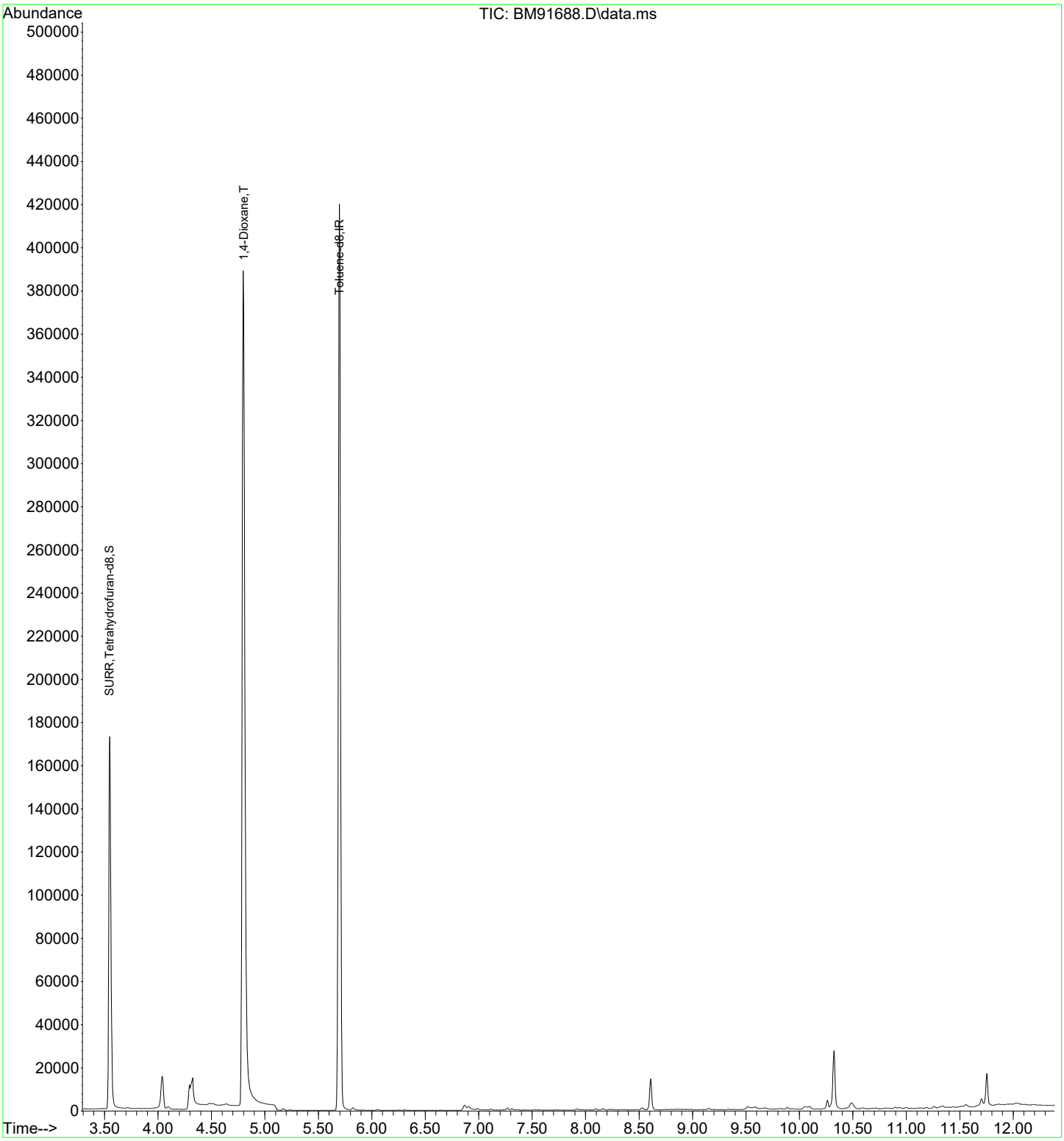
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.697	98	349779	100.00	ppb	0.01
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.546	46	88169	103.55	ppb	0.03
Spiked Amount 100.000	Range 70 - 130		Recovery = 103.55%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.802	88	425667	465.930	ppb	95

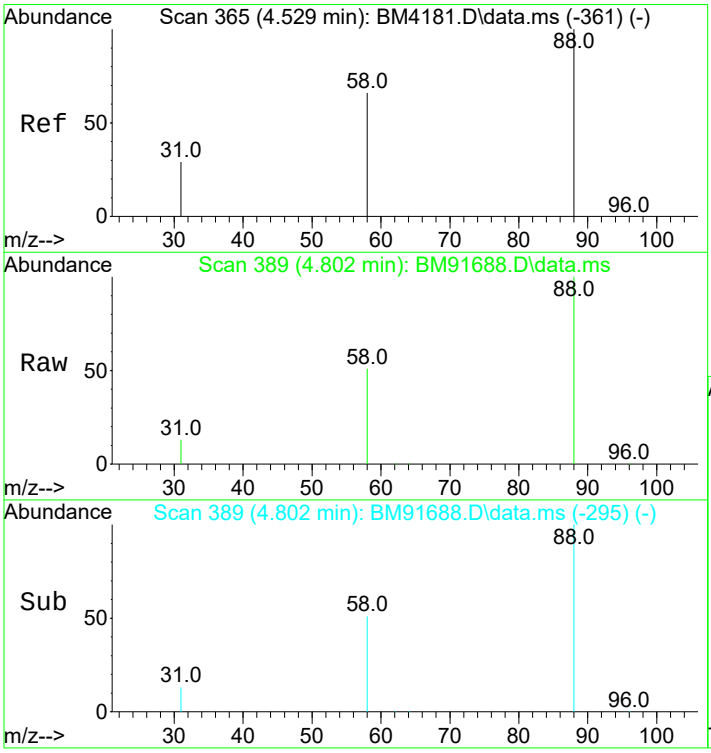
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91688.D
Acq On : 14 Mar 2025 05:16 pm
Operator : KProcopio
Sample : RQ2502811-02
Misc : 453857
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 18 08:22:08 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

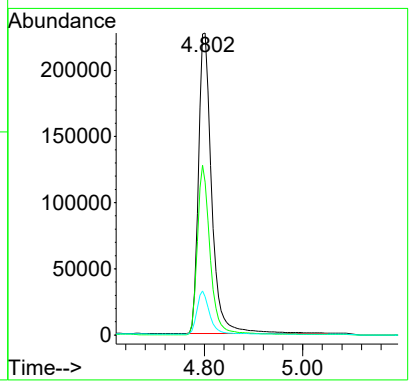




#2
1,4-Dioxane
Concen: 465.93 ppb
RT: 4.802 min Scan# 389
Delta R.T. 0.018 min
Lab File: BM91688.D
Acq: 14 Mar 2025 05:16 pm

Tgt Ion: 88 Resp: 425667

Ion	Ratio	Lower	Upper
88	100		
58	50.8	34.8	74.8
31	12.4	0.0	31.4



Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91689.D
Acq On : 14 Mar 2025 05:33 pm
Operator : KProcopio
Sample : RQ2502811-03
Misc : 453857
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 08:22:11 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

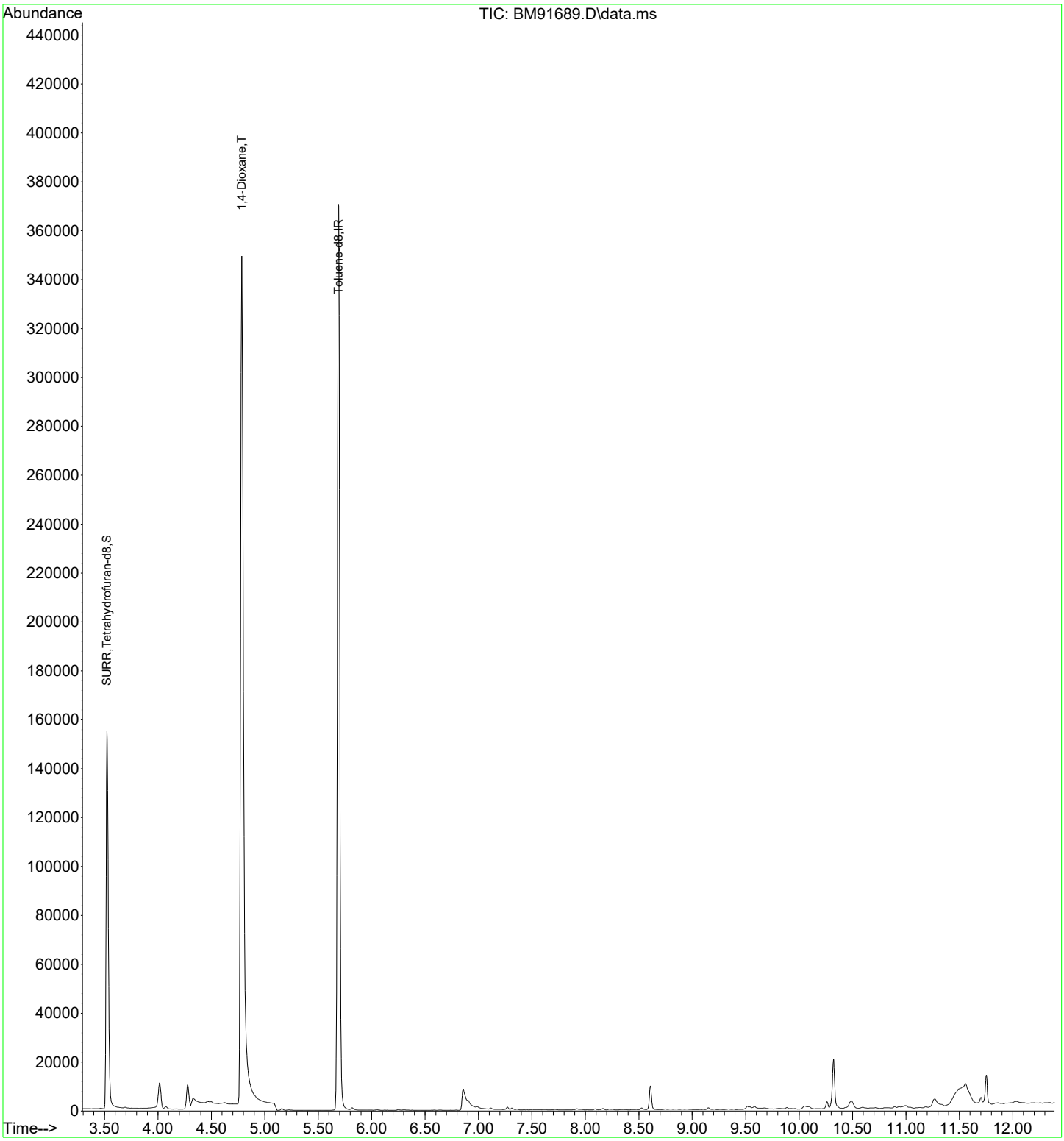
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.688	98	329234	100.00	ppb	0.00
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.522	46	80252	100.14	ppb	0.00
Spiked Amount 100.000	Range 70 - 130		Recovery = 100.14%			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.784	88	408286	474.793	ppb	98

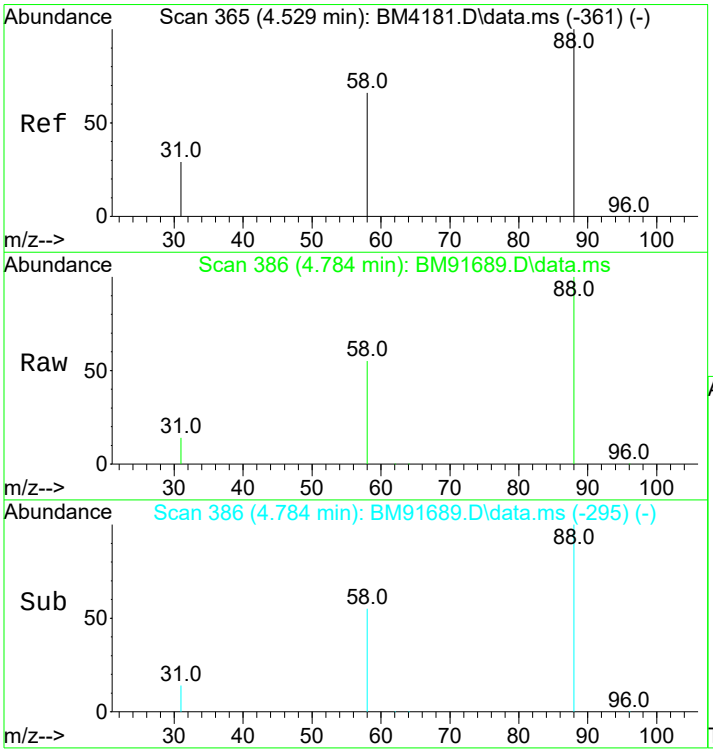
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91689.D
Acq On : 14 Mar 2025 05:33 pm
Operator : KProcopio
Sample : RQ2502811-03
Misc : 453857
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 18 08:22:11 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

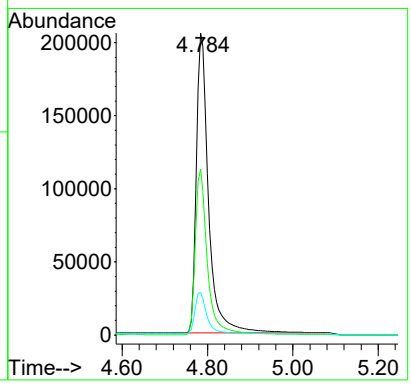




#2
1,4-Dioxane
Concen: 474.79 ppb
RT: 4.784 min Scan# 386
Delta R.T. -0.000 min
Lab File: BM91689.D
Acq: 14 Mar 2025 05:33 pm

Tgt Ion: 88 Resp: 408286

Ion	Ratio	Lower	Upper
88	100		
58	55.2	34.8	74.8
31	13.8	0.0	31.4



Evaluate Continuing Calibration Report

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91686.D
Acq On : 14 Mar 2025 04:42 pm
Operator : KProcopio
Sample : 1000PPB CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 08:22:03 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 IR	Toluene-d8	100.000	100.000	0.0	152	0.00
2 T	1,4-Dioxane	1000.000	1007.498	-0.7	148	0.00
3 S	SURR,Tetrahydrofuran-d8	1000.000	923.028	7.7	136	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91686.D
Acq On : 14 Mar 2025 04:42 pm
Operator : KProcopio
Sample : 1000PPB CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 08:22:03 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

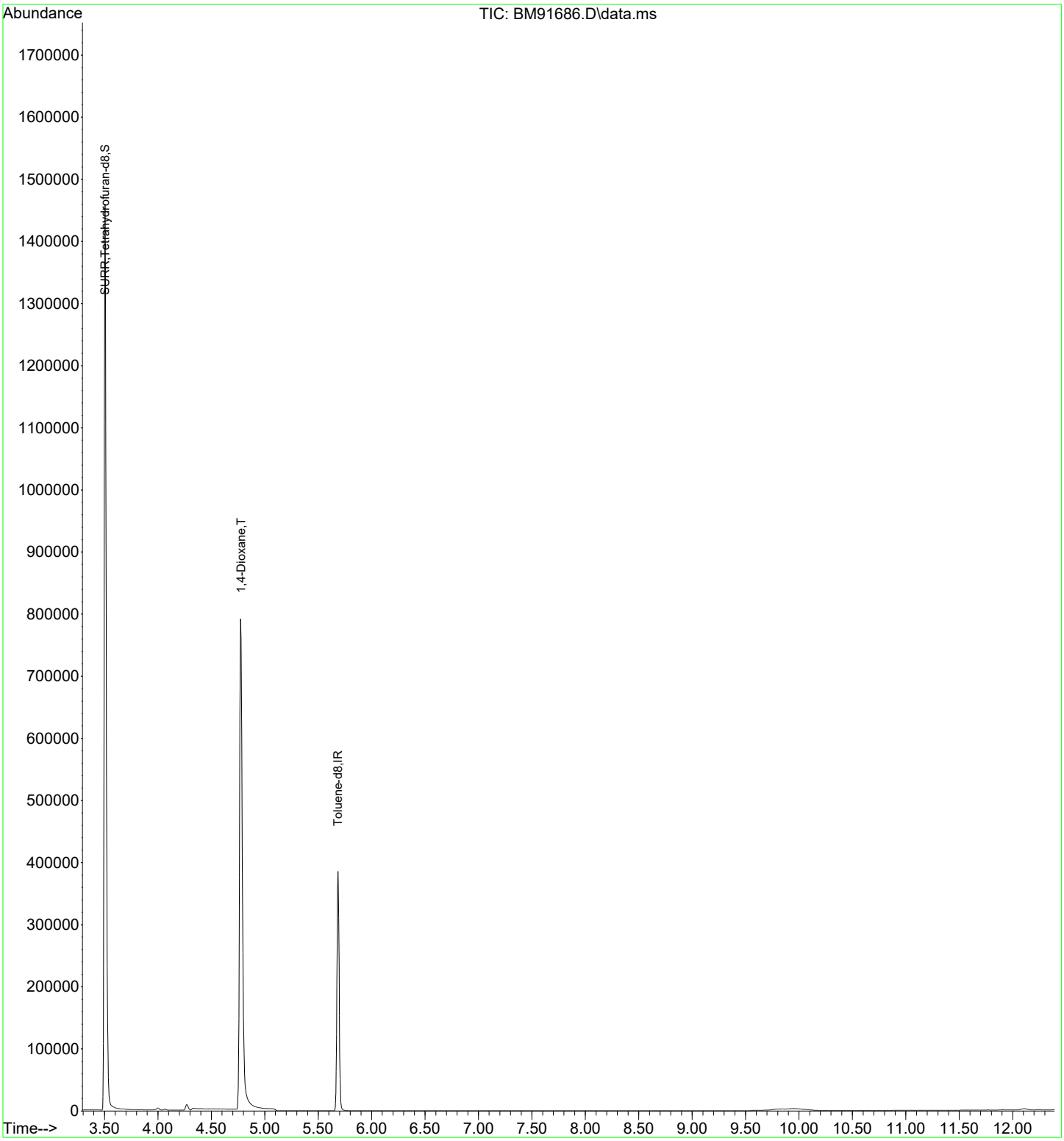
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Toluene-d8	5.685	98	332751	100.00	ppb	0.00
System Monitoring Compounds						
3) SURR,Tetrahydrofuran-d8	3.506	46	747645	923.03	ppb	0.00
Spiked Amount 100.000	Range 70 - 130		Recovery = 923.03%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	4.778	88	875627	1007.498	ppb	96

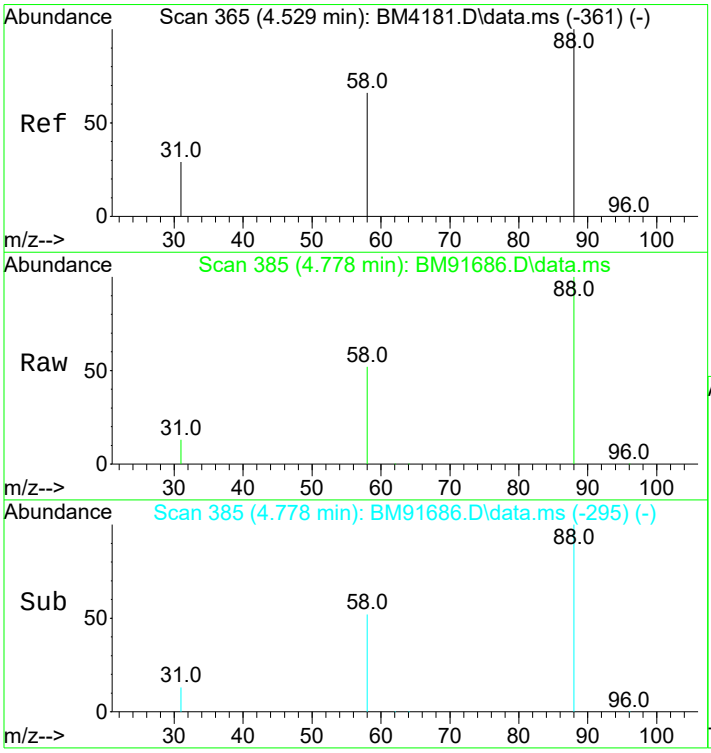
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\ACQUDATA\5975E\data\031425\
Data File : BM91686.D
Acq On : 14 Mar 2025 04:42 pm
Operator : KProcopio
Sample : 1000PPB CCV
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 18 08:22:03 2025
Quant Method : I:\ACQUDATA\5975E\METHODS\8270DIOX021125.M
Quant Title : 8270 BNA ANALYSIS
QLast Update : Wed Feb 12 09:34:07 2025
Response via : Initial Calibration

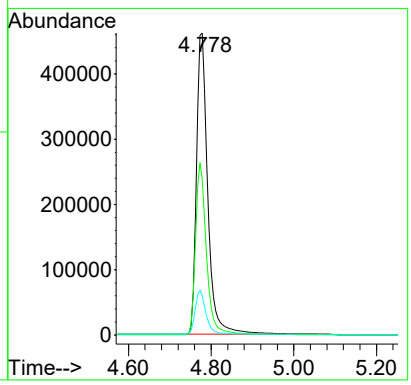




#2
1,4-Dioxane
Concen: 1007.50 ppb
RT: 4.778 min Scan# 385
Delta R.T. -0.006 min
Lab File: BM91686.D
Acq: 14 Mar 2025 04:42 pm

Tgt Ion: 88 Resp: 875627

Ion	Ratio	Lower	Upper
88	100		
58	51.6	34.8	74.8
31	12.7	0.0	31.4



GC/MS QA-QC Check Report

Tune File : I:\ACQUDATA\5975E\data\031425\BM91686.D
Tune Time : 14 Mar 2025 04:42 pm

Daily Calibration File : I:\ACQUDATA\5975E\data\031425\BM91686.D

RC2500027 Internal Limits: 109,118-436,474. All samples and QC pass

File	Sample	Surrogate Recovery %	Internal Standard Responses
BM91686.D			332751
	1000PPB CC	923*	332751
BM91687.D			
	RQ2502811-	79	326192
BM91688.D			
	RQ2502811-	104	349779
BM91689.D			
	RQ2502811-	100	329234
BM91690.D			
	R2502494-0	83	316779
BM91691.D			
	R2502494-0	84	333827
BM91692.D			
	R2502494-0	97	321216
BM91693.D			
	R2502639-0	88	322081
BM91694.D			
	R2502652-0	432*	334348
BM91695.D			
	R2502652-0	96	364347
BM91696.D			
	R2502652-0	95	330158
BM91697.D			
	R2502652-0	86	332503
BM91698.D			
	R2502652-0	83	343801
BM91699.D			
	R2502652-0	84	323994
BM91700.D			
	R2502652-0	86	318973
BM91701.D			
	R2502652-0	96	335996
BM91702.D			
	R2502652-0	92	339988

(fails) - fails 12hr time check   * - fails criteria

Created: Tue Mar 18 09:47:03 2025 MS-56 (5975E)

8270 Dioxanes
RC2500027
Analyst: KP

	Name	Vial	Method Path	Method File	Data Path	Data File	Type	Comment	Keyword	
✗	BLK	1	I:\ACQUDATA\5975E\METHODS	DFTPPDIO.M	I:\ACQUDATA\5975E\data\021125	BM8897	Sample	239040		
✗	BLK	1	I:\ACQUDATA\5975E\METHODS	DFTPPDIO.M	I:\ACQUDATA\5975E\data\021125	BM8898	Sample			
✗	BLK	1	I:\ACQUDATA\5975E\METHODS	DFTPPDIO.M	I:\ACQUDATA\5975E\data\021125	BM8899	Sample			
✓	8270 tune	2	I:\ACQUDATA\5975E\METHODS	DFTPPDIO.M	I:\ACQUDATA\5975E\data\021125	BM8900	Sample	239515		start: 13:06
✓	IB	3	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8901	Sample	10uL/2mL 239384		
✓	1ppb	4	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8902	Sample	240090 exp. 6/16/25		
✓	2ppb	5	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8903	Sample	240088 exp. 6/16/25		
✗	10ppb	6	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8904	Sample			
✓	20ppb	7	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8905	Sample	239434 exp. 6/16/25		
✗	100ppb	8	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8906	Sample			Syringe broke, nothing injected KP 2/12/25
✗	200ppb	9	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8907	Sample			
✗	500ppb	10	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8908	Sample			
✗	1000ppb	11	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8909	Sample			
✗	5000ppb	12	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8910	Sample			
✓	100ppb	8	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8911	Sample	239516 exp 6/16/25		
✓	200ppb	9	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8912	Sample	239434 exp. 6/16/25		
✓	500ppb	10	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8913	Sample	239433 exp. 6/16/25		
✓	1000ppb	11	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8914	Sample	239432 exp. 6/16/25		
✓	5000ppb	12	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8915	Sample	239431 exp. 6/16/25		
✓	ICV	13	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\021125	BM8916	Sample	239396 exp.7/2/25		Stop:18:05

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 2/11/2025

Initial Calibration Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500027 **Signal ID:** 1
Instrument ID: R-MS-56

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500027-01	1ppb	I:\ACQUDATA\5975E\data\021125\BM8902.D	02/11/2025 14:05
02	RC2500027-02	2ppb	I:\ACQUDATA\5975E\data\021125\BM8903.D	02/11/2025 14:23
03	RC2500027-03	20ppb	I:\ACQUDATA\5975E\data\021125\BM8905.D	02/11/2025 14:56
04	RC2500027-04	100ppb	I:\ACQUDATA\5975E\data\021125\BM8911.D	02/11/2025 16:44
05	RC2500027-05	200ppb	I:\ACQUDATA\5975E\data\021125\BM8912.D	02/11/2025 17:00
06	RC2500027-06	500ppb	I:\ACQUDATA\5975E\data\021125\BM8913.D	02/11/2025 17:17
07	RC2500027-07	1000ppb	I:\ACQUDATA\5975E\data\021125\BM8914.D	02/11/2025 17:34
08	RC2500027-08	5000ppb	I:\ACQUDATA\5975E\data\021125\BM8915.D	02/11/2025 17:52

Analyte

1,4-Dioxane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	1.000	0.2285	02	2.000	0.2116	03	20.000	0.2943	04	100.000	0.2773
05	200.000	0.2775	06	500.000	0.272	07	1000.000	0.2703	08	5000.000	0.258

Tetrahydrofuran-d8 (SUR)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	1.000	0.1966	02	2.000	0.1863	03	20.000	0.2485	04	100.000	0.2833
05	200.000	0.2785	06	500.000	0.2681	07	1000.000	0.2515	08	5000.000	0.2345

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 2/11/2025

Initial Calibration Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500027 **Signal ID:** 1
Instrument ID: R-MS-56

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,4-Dioxane	TRG	Average RF	% RSD	10.6	≤	0.2612	
Tetrahydrofuran-d8 (SUR)	SURR	Average RF	% RSD	14.8	≤	0.2434	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton **Calibration Date:** 2/11/2025

Initial Calibration Verification Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500027 **Signal ID:** 1
Instrument ID: R-MS-56

#	Lab Code	Sample Name	File Location	Acquisition Date
09	RC2500027-09	ICV	I:\ACQUDATA\5975E\data\021125\BM8916.D	02/11/2025 18:09

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,4-Dioxane	200	224	2.612E-1	2.921E-1	11.83	±30	Average RF

Client:	Verina Consulting Group, LLC	**Service Request:**	R2502494
Project:	Dover-Binghamton/5101.0003	**Date Analyzed:**	03/14/25 16:42

Continuing Calibration Verification (CCV) Summary
1,4-Dioxane by GC/MS

Analysis Method:	8270E SIM	**Calibration Date:**	2/11/2025
File ID:	I:\ACQUDATA\5975E\data\031425\BM91686.D\	**Calibration ID:**	RC2500027
Signal ID:	1	**Analysis Lot:**	872963
		Units:	ppb

Analyte Name	Expected	Result	Average RF	CCV RF	Rec.	% Drift	Criteria	Curve Fit
1,4-Dioxane	1000	1010	0.2612	0.2631	101	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	Rec.	% Drift	Criteria	Curve Fit
Tetrahydrofuran-d8 (SUR)	1000	923	0.2434	0.2247	92.3	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2502494
Project: Dover-Binghamton/5101.0003

Analysis Run Log
1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM **Analysis Lot:**872963
Instrument ID:R-MS-56

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\5975E\data\031425\BM91686.D\	Continuing Calibration Verification	RQ2502871-01	3/14/2025	16:42:00	
I:\ACQUDATA\5975E\data\031425\BM91687.D\	Method Blank	RQ2502811-01	3/14/2025	16:59:00	
I:\ACQUDATA\5975E\data\031425\BM91688.D\	Lab Control Sample	RQ2502811-02	3/14/2025	17:16:00	
I:\ACQUDATA\5975E\data\031425\BM91689.D\	Duplicate Lab Control Sample	RQ2502811-03	3/14/2025	17:33:00	
I:\ACQUDATA\5975E\data\031425\BM91690.D\	MW-8-031125	R2502494-003	3/14/2025	17:49:00	
I:\ACQUDATA\5975E\data\031425\BM91691.D\	MW-16-031125	R2502494-006	3/14/2025	18:06:00	
I:\ACQUDATA\5975E\data\031425\BM91692.D\	DUP-031125	R2502494-008	3/14/2025	18:23:00	
I:\ACQUDATA\5975E\data\031425\BM91693.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	18:39:00	
I:\ACQUDATA\5975E\data\031425\BM91695.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	19:13:00	
I:\ACQUDATA\5975E\data\031425\BM91696.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	19:29:00	
I:\ACQUDATA\5975E\data\031425\BM91697.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	19:46:00	
I:\ACQUDATA\5975E\data\031425\BM91698.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	20:02:00	
I:\ACQUDATA\5975E\data\031425\BM91699.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	20:19:00	
I:\ACQUDATA\5975E\data\031425\BM91700.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	20:35:00	
I:\ACQUDATA\5975E\data\031425\BM91701.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	20:52:00	
I:\ACQUDATA\5975E\data\031425\BM91702.D\	ZZZZZZZ	ZZZZZZZ	3/14/2025	21:09:00	

8270 Dioxane
Analyst: KP
RC2500027
LIMS Run: 872963

	Name	Vial	Method Path	Method File	Data Path	Data File	Comment	Keyword	Type	
✗	BLK	1	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91684		240210	Sample	
✗	BLK	1	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91685			Sample	
✓	1000PPB CCV	2	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91686		239432	Sample	Start: 16:38
✓	RQ2502811-01	3	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91687	453857		Sample	
✓	RQ2502811-02	4	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91688	453857		Sample	
✓	RQ2502811-03	5	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91689	453857		Sample	
✓	R2502494-003	6	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91690	453857		Sample	
✓	R2502494-006	7	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91691	453857		Sample	
✓	R2502494-008	8	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91692	453857		Sample	
✓	R2502639-006	9	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91693	453857		Sample	
✗	R2502652-005	10	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91694	453857		Sample	
✓	R2502652-006	11	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91695	453857		Sample	
✓	R2502652-011	12	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91696	453857		Sample	
✓	R2502652-016	13	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91697	453857		Sample	
✓	R2502652-017	14	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91698	453857		Sample	
✓	R2502652-019	15	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91699	453857		Sample	
✓	R2502652-020	16	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91700	453857		Sample	
✓	R2502652-021	17	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91701	453857		Sample	
✓	R2502652-022	18	I:\ACQUDATA\5975E\METHODS	ISODIOXANE.M	I:\ACQUDATA\5975E\data\031425	BM91702	453857		Sample	End: 21:05

Prep Summary Report

Client: Verina Consulting Group, LLC **Service Request:** R2502494
Project: Dover-Binghamton/5101.0003
Sample Matrix: Water

1,4-Dioxane by GC/MS

Prep Method: EPA 3535A **Extraction Lot:** 453857
Analytical Method: 8270E SIM **Extraction Date:** 03/14/25 12:56

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
MW-8-031125	R2502494-003	3/11/25	3/12/25	100 mL	2 mL	
MW-16-031125	R2502494-006	3/11/25	3/12/25	30.0000 mL	2 mL	
DUP-031125	R2502494-008	3/11/25	3/12/25	100 mL	2 mL	
Method Blank	RQ2502811-01MB	NA	NA	100 mL	2 mL	
Lab Control Sample	RQ2502811-02LCS	NA	NA	100 mL	2 mL	
Duplicate Lab Control Sample	RQ2502811-03DLCS	NA	NA	100 mL	2 mL	

Preparation Information Benchsheet

Prep Run#: 453857
Team: Semivoa GCMS/KPROCOPIO

Prep WorkFlow: OrgExtSPEaq(7)
Prep Method: EPA 3535A

Status: Prepped
Prep Date/Time: 3/14/25 12:56

#	Lab Code	Client ID	B#	Amt. Ext.	Method /Test	pH	AE	BN	Final Vol	Sample Desc. (Initial/Final)	SpikeAmt./Inv. ID	Comments
1	RQ2502811-01	MB		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
2	RQ2502811-02	LCS		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/239413; 200.0000 uL/239427; 10.0000 uL/240480	
3	RQ2502811-03	DLCS		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/239427; 200.0000 uL/239413; 10.0000 uL/240480	
4	R2502494-003	MW-8-031125	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	Fuchsia/pink, clear	10.0000 uL/240480; 200.0000 uL/239427	
5	R2502494-006	MW-16-031125	.05	30mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	Fuchsia, opaque	10.0000 uL/240480; 200.0000 uL/239427	
6	R2502494-008	DUP-031125	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	Fuchsia/pink, clear	10.0000 uL/240480; 200.0000 uL/239427	
7	R2502639-006	2503111150B ST-6-678	.01	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
8	R2502652-005	WD-MW-12B-X80-XL 0325	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/239427; 10.0000 uL/240480	
9	R2502652-006	WD-MW-12C-157-XL 0325	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	orange tint, slightly cloudy	200.0000 uL/239427; 10.0000 uL/240480	
10	R2502652-011	WD-0MW-X28-X23-XL 0325	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
11	R2502652-016	WD-MW-X34-149-XL 0325	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
12	R2502652-017	WD-MW-X35-178-XL 0325	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
13	R2502652-019	AR-PW2 0325	.01	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/239427; 10.0000 uL/240480	
14	R2502652-020	AR-PW3 0325	.01	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/239427; 10.0000 uL/240480	
15	R2502652-021	WD-SUMP1A 0325	.01	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/240480; 200.0000 uL/239427	
16	R2502652-022	WD-SUMP3 0325	.01	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/239427; 10.0000 uL/240480	

Spiking Solutions

Name:	EPA 522 LCS Spike 5ppm	Inventory ID	239413	Logbook Ref:		Expires On:	07/06/2025
Name:	Tetrahydrofuran-D8 1ppm Surr Std	Inventory ID	239427	Logbook Ref:		Expires On:	07/06/2025
Name:	SVOA Toluene-D8 20ppm	Inventory ID	240480	Logbook Ref:	8270 Int.	Expires On:	09/03/2025

Preparation Materials

Method 522 400mg charcoal filters	(239577)	Eppendorf Pipette Repeater	EXT #25 (229294)	Dichloromethane (Methylene Chloride) 99.9% MeCl2	(240210)
Methanol Purge & Trap MeOH	Diox (239237)	Prepared Sodium Sulfate Na2SO4	Diox (239586)	pH Paper 0-14	CoA not available (238844)
Sodium Bisulfate Monohydrate RG	Desicator (239005)				

Preparation Information Benchsheet

Prep Run#: 453857
Team: Semivoa GCMS/KPROCOPIO

Prep WorkFlow: OrgExtSPEaq(7)
Prep Method: EPA 3535A

Status: Prepped
Prep Date/Time: 3/14/25 12:56

Preparation Steps

Step: Extraction
Started: 3/14/25 12:56
Finished: 3/14/25 16:00
By: KPROCOPIO
Comments

Comments: _____

Reviewed By: _____ Date: _____ Spike Witness: JMCCAFFERY Date: _____

Chain of Custody

Relinquished By: _____ Date: _____

Received By: _____ Date: _____

Extracts Examined
Yes No

October 02, 2025 Service Request No:R2511647

Ms. Sarah MacCarter, LSRP
Verina Consulting Group, LLC
1011 US Highway 22, Suite 302
Bridgewater, NJ 08807

Laboratory Results for: Dover Binghamton

Dear Ms.MacCarter, LSRP,

Enclosed are the results of the sample(s) submitted to our laboratory September 16, 2025
For your reference, these analyses have been assigned our service request number **R2511647.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

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Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC
Project: Dover Binghamton
Sample Matrix: Water

Service Request: R2511647
Date Received: 09/16/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Eleven water samples were received for analysis at ALS Environmental on 09/16/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Volatiles by GC/MS:

Method 8260D, R2511647-003: Sample(s) required dilution due to the nature of the matrix. The reporting limits are adjusted to reflect the dilution.

Approved by _____ Date 10/01/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2511647-001	MW-7-091525	9/15/2025	1120
R2511647-002	MW-6-091525	9/15/2025	1120
R2511647-003	MW-11-091525	9/15/2025	1125
R2511647-004	MW-14-091525	9/15/2025	1245
R2511647-005	MW-13-091525	9/15/2025	1250
R2511647-006	DMW-3-091525	9/15/2025	1300
R2511647-007	MW-9-091525	9/15/2025	1410
R2511647-008	DMW-4-091525	9/15/2025	1420
R2511647-009	TMP-A-091525	9/15/2025	1430
R2511647-010	FB-091525	9/15/2025	1440
R2511647-011	TB-091525	9/15/2025	

Chain of Custody / Analytical Request Form

080895

SR#:

Page 1 of 2

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Report To:	ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER
Company: Verina Consulting LLC	Project Name: Dover Binghamton
Contact: Sarah MacCarter	Project Number: 5101. 0003
Email: SMaccarter@vcg-llc.com	ALS Quote #:
Phone: 908-864-4400	Sampler's Signature:
Address: 1011 US Highway 22 Suite 302, Bridgewater NJ, 08807	Email CC:
	Email CC:
	State Samples Collected (Circle or Write): NY MA, PA, CT, Other:

Preservative: 0/1 = 0

Matrix: GW, WW, SW, DW, S, L, NA

Lab ID (ALS)	Sample ID:	Date	Time	Matrix	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	SSPL VOCs	1,4 - Dioxane	Notes:
	MW-7-091525	9/15/25	1120	GW	3									X		
	MW-6-091525	9/15/25	1120	GW	3									X		
	MW-11-091525	9/15/25	1125	GW	3									X		NaHSO4 added. NO HCL
	MW-14-091525	9/15/25	1245	GW	3									X		
	MW-13-091525	9/15/25	1250	GW	3									X		
	DMW-3-091525	9/15/25	1300	GW	3									X		
	MW-9-091525	9/15/25	14:10	GW	3									X		NaHSO4 added. NO HCL
	DMW-4-091525	9/15/25	14:20	GW	3									X		
	TMP-A-091525	9/15/25	14:30	GW	3									X		
	FB-091525	9/15/25	14:40	GW	3									X		

Special Instructions / Comments:
* Sodium Thiosulfate added to all unpreserved sample vials, except for jars to be analyzed for 1,4-Dioxane
* SSPL VOCs = "1,1-DCA", "1,1-DCE", "CIS-1,2-DCE" "trans-1,2-DCE", "PCE", "TCE", "1,1,1-TCA" "VC"

Turnaround Requirements
____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements
X Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____No
EDD Type: NYSDEC EQUIS

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (□ Same as Report To)
PO #: 5101.0003
Company: Verina Consulting LLC
Contact: Robert Gan
Email: RGan@vcg-llc.com
Phone: 908-864-4400
Address: 1011 US Highway 22
Suite 302, Bridgewater NJ, 08807

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Michael Vaenzi	Thomas Potter				
Company	VERINA	ALS				
Date/Time	15:45 / 9/15/25	9/16/25 0745				

R2511647 5
Verina Consulting Group, LLC
Dover Binghamton

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Chain of Custody / Analytical Request Form

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SR#:

Page 2 of 2

Report To:

Company: Verina Consulting LLC
Contact: Sarah MacCarter
Email: SMaccarter@veg-llc.com
Phone: 908-864-4400
Address: 1011 US 22, Suite 302
Bridgewater NJ, 08807

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Dover Binghamton
Project Number: 5101.0003
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): NY, MA, PA, CT, Other:

Lab ID (ALS)	Sample Collection Information: Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Preservative	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	0/1 SSPL VOCs					Notes:
	TB-091525	9/15/25	0000	GW		2									X					

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Special Instructions / Comments:
* SSPL VOCs = "1,1-DCA", "1,1-DCE", "CIS-1,2-DCE", "trans-1,2-DCE", "PCE", "TCE", "1,1,1-TCA", "VC"

Turnaround Requirements
____Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
X Standard (10 Business Days)
Date Required:

Report Requirements
X Tier II/Cat A -Results/QC
____Tier IV/Cat B - Data Validation Report w/. Data
EDD: X Yes ____ No
EDD Type: NYS DEC EQUIS

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (□ Same as Report To)
PO #: 5101.0003
Company: Verina Consulting
Contact: Robert Gan
Email: RGan@veg-llc.com
Phone: 908-864-4400
Address: 1011 US 22, Suite 302
Bridgewater NJ, 08807

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Michael Vaunzi	Thomas Potter				
Company	VERINA	ALS				
Date/Time	9/15/25 / 15:45	9/16/25 745				

Distribution: White - Lab Copy; Yellow - Return to Originator

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R2511647 5
Verina Consulting Group, LLC
Dover Binghamton

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 9/16/25 by: TSP

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y N		5a	Did **VOA** vials have sig* **bubbles?**		Y (N) NA
2	**Custody papers** properly completed (ink, signed)?	(Y) N		5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
3	Did all bottles arrive in good **condition** (unbroken)?	Y N		6	Where did the bottles originate?		(ALS/ROC) CLIENT
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N		7	Soil VOA received as:	Bulk Encore 5035set	(NA)

8. Temperature Readings Date: 9/16/25 Time: 750 ID: (IR#12) IR#11 From: Temp Blank (Sample Bottle)

Temp (°C)	1.9						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Icc melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by TSP on 9/16 at 750
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 9/16/25 Time: 906 by: TSP

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO N/A
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives)."			
		HCl	**	**	24015681	10/27				

Bottle lot numbers: 051225-3AXH
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: TSP *significant air bubbles: VOA > 5-6 mm ; WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton/5101.0003

Sample Name: MW-7-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-001 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-6-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-002 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-11-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-003 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-14-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-004 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: MW-13-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-005 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton/5101.0003

Sample Name: DMW-3-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-006 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		JMCCAFFERY

Sample Name: MW-9-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-007 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name: DMW-4-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-008 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		JMCCAFFERY

Sample Name: TMP-A-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-009 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		JMCCAFFERY

Sample Name: FB-091525 **Date Collected:** 09/15/25
Lab Code: R2511647-010 **Date Received:** 09/16/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		JMCCAFFERY

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003		

Sample Name:	TB-091525	**Date Collected:**	09/15/25
Lab Code:	R2511647-011	**Date Received:**	09/16/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		JMCCAFFERY

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7 / 200.8	200.2
6010D	3005A/3010A
6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010D	3050B
6010D TCLP (1311) extract	3005A/3010A
6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:25
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-11-091525	**Units:**	ug/L
Lab Code:	R2511647-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**7.3 J**	10	2.0	10	09/20/25 18:19	
1,1-Dichloroethane (1,1-DCA)	**2.4 J**	10	2.0	10	09/20/25 18:19	
1,1-Dichloroethene (1,1-DCE)	10 U	10	2.0	10	09/20/25 18:19	
Tetrachloroethene (PCE)	10 U	10	2.1	10	09/20/25 18:19	
Trichloroethene (TCE)	10 U	10	2.0	10	09/20/25 18:19	
Vinyl Chloride	10 U	10	2.0	10	09/20/25 18:19	
cis-1,2-Dichloroethene	10 U	10	2.3	10	09/20/25 18:19	
trans-1,2-Dichloroethene	10 U	10	2.0	10	09/20/25 18:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	09/20/25 18:19	
Dibromofluoromethane	102	80 - 116	09/20/25 18:19	
Toluene-d8	100	87 - 121	09/20/25 18:19	

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:10
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-9-091525	**Units:**	ug/L
Lab Code:	R2511647-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.34**	**J**	1.0	0.20	1	09/20/25 19:27	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	09/20/25 19:27	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	09/20/25 19:27	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	09/20/25 19:27	
Trichloroethene (TCE)	**5.6**		1.0	0.20	1	09/20/25 19:27	
Vinyl Chloride	1.0	U	1.0	0.20	1	09/20/25 19:27	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	09/20/25 19:27	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	09/20/25 19:27	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/20/25 19:27	
Dibromofluoromethane	104	80 - 116	09/20/25 19:27	
Toluene-d8	102	87 - 121	09/20/25 19:27	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-7-091525	**Units:**	ug/L
Lab Code:	R2511647-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 17:33	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 17:33	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 17:33	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 17:33	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 17:33	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 17:33	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 17:33	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 17:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	09/20/25 17:33	
Dibromofluoromethane	104	80 - 116	09/20/25 17:33	
Toluene-d8	102	87 - 121	09/20/25 17:33	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-6-091525	**Units:**	ug/L
Lab Code:	R2511647-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 17:56	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 17:56	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 17:56	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 17:56	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 17:56	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 17:56	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 17:56	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 17:56	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/20/25 17:56	
Dibromofluoromethane	105	80 - 116	09/20/25 17:56	
Toluene-d8	100	87 - 121	09/20/25 17:56	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 12:45
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-14-091525	**Units:**	ug/L
Lab Code:	R2511647-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 18:42	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 18:42	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 18:42	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 18:42	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 18:42	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 18:42	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 18:42	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 18:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	09/20/25 18:42	
Dibromofluoromethane	103	80 - 116	09/20/25 18:42	
Toluene-d8	100	87 - 121	09/20/25 18:42	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 12:50
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-13-091525	**Units:**	ug/L
Lab Code:	R2511647-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 19:04	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 19:04	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 19:04	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 19:04	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 19:04	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 19:04	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 19:04	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 19:04	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	09/20/25 19:04	
Dibromofluoromethane	103	80 - 116	09/20/25 19:04	
Toluene-d8	100	87 - 121	09/20/25 19:04	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 13:00
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	DMW-3-091525	**Units:**	ug/L
Lab Code:	R2511647-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 14:35	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 14:35	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 14:35	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 14:35	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 14:35	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 14:35	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 14:35	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 14:35	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	116	85 - 122	09/24/25 14:35	
Dibromofluoromethane	104	80 - 116	09/24/25 14:35	
Toluene-d8	96	87 - 121	09/24/25 14:35	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	DMW-4-091525	**Units:**	ug/L
Lab Code:	R2511647-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.22**	**J**	1.0	0.20	1	09/24/25 14:58	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	09/24/25 14:58	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	09/24/25 14:58	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	09/24/25 14:58	
Trichloroethene (TCE)	1.0	U	1.0	0.20	1	09/24/25 14:58	
Vinyl Chloride	1.0	U	1.0	0.20	1	09/24/25 14:58	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	09/24/25 14:58	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	09/24/25 14:58	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/24/25 14:58	
Dibromofluoromethane	103	80 - 116	09/24/25 14:58	
Toluene-d8	99	87 - 121	09/24/25 14:58	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:30
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	TMP-A-091525	**Units:**	ug/L
Lab Code:	R2511647-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.57 J**	1.0	0.20	1	09/24/25 15:21	
1,1-Dichloroethane (1,1-DCA)	**0.88 J**	1.0	0.20	1	09/24/25 15:21	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 15:21	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 15:21	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 15:21	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 15:21	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 15:21	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 15:21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	112	85 - 122	09/24/25 15:21	
Dibromofluoromethane	111	80 - 116	09/24/25 15:21	
Toluene-d8	96	87 - 121	09/24/25 15:21	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:40
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	FB-091525	**Units:**	ug/L
Lab Code:	R2511647-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 13:49	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 13:49	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 13:49	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 13:49	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 13:49	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 13:49	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 13:49	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 13:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	85 - 122	09/24/25 13:49	
Dibromofluoromethane	103	80 - 116	09/24/25 13:49	
Toluene-d8	98	87 - 121	09/24/25 13:49	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	TB-091525	**Units:**	ug/L
Lab Code:	R2511647-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 14:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 14:12	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 14:12	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 14:12	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 14:12	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 14:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 14:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 14:12	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	09/24/25 14:12	
Dibromofluoromethane	103	80 - 116	09/24/25 14:12	
Toluene-d8	98	87 - 121	09/24/25 14:12	

QC Summary Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-11-091525	R2511647-003	103	102	100
MW-9-091525	R2511647-007	105	104	102
Lab Control Sample	RQ2512977-02	116	102	102
Method Blank	RQ2512977-04	110	101	101

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 12:14
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Method Blank	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-04	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2512977-02	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	09/20/25 10:53
MW-11-091525	R2511647-003	I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	09/20/25 18:19
MW-9-091525	R2511647-007	I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	09/20/25 19:27

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2512977-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 12:14	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 12:14	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 12:14	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 12:14	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 12:14	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 12:14	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 12:14	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 12:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	09/20/25 12:14	
Dibromofluoromethane	101	80 - 116	09/20/25 12:14	
Toluene-d8	101	87 - 121	09/20/25 12:14	

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 10:53
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-02	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2512977-04	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	09/20/25 12:14
MW-11-091525	R2511647-003	I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	09/20/25 18:19
MW-9-091525	R2511647-007	I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	09/20/25 19:27

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511647
Date Analyzed: 09/20/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2512977-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	21.5	20.0	108	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	22.3	20.0	112	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	22.4	20.0	112	71-118
Tetrachloroethene (PCE)	8260D	21.0	20.0	105	72-125
Trichloroethene (TCE)	8260D	20.3	20.0	101	74-122
Vinyl Chloride	8260D	24.4	20.0	122	74-159
cis-1,2-Dichloroethene	8260D	21.9	20.0	109	80-121
trans-1,2-Dichloroethene	8260D	20.8	20.0	104	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Tune Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 893977

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2512977-01	I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	09/20/25 10:06	
Lab Control Sample	RQ2512977-02	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	09/20/25 10:53	
Method Blank	RQ2512977-04	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	09/20/25 12:14	
MW-11-091525	R2511647-003	I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	09/20/25 18:19	
MW-9-091525	R2511647-007	I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	09/20/25 19:27	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	223,511	11.95	416,924	6.67	369,002	9.92
	Upper Limit ==>	447,023	12.12	833,849	6.84	738,005	10.09
	Lower Limit ==>	111,756	11.78	208,462	6.50	184,501	9.75
Associated Analyses							
Lab Control Sample	RQ2512977-02	193624	11.950	412975	6.665	354626	9.920
Method Blank	RQ2512977-04	171527	11.957	387646	6.671	342711	9.920
MW-11-091525	R2511647-003	177424	11.957	373837	6.671	338341	9.921
MW-9-091525	R2511647-007	172391	11.957	364467	6.671	329369	9.920

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QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	248,913	5.62
	Upper Limit ==>	497,826	5.79
	Lower Limit ==>	124,456	5.45
Associated Analyses			
Lab Control Sample	RQ2512977-02	249546	5.616
Method Blank	RQ2512977-04	231196	5.622
MW-11-091525	R2511647-003	221265	5.623
MW-9-091525	R2511647-007	216450	5.622

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-7-091525	R2511647-001	104	104	102
MW-6-091525	R2511647-002	105	105	100
MW-14-091525	R2511647-004	106	103	100
MW-13-091525	R2511647-005	103	103	100
DMW-3-091525	R2511647-006	116	104	96
DMW-4-091525	R2511647-008	105	103	99
TMP-A-091525	R2511647-009	112	111	96
FB-091525	R2511647-010	111	103	98
TB-091525	R2511647-011	110	103	98
Lab Control Sample	RQ2512977-03	103	100	98
Method Blank	RQ2512977-05	108	101	101
Lab Control Sample	RQ2513226-02	109	99	96
Method Blank	RQ2513226-03	107	99	96

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 12:37
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: RQ2512977-05
Instrument ID: R-MS-16
File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1204.D

Analysis Method: 8260D
Prep Method: EPA 5030C
Analysis Lot: 893977

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2512977-03	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	09/20/25 11:16
MW-7-091525	R2511647-001	I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	09/20/25 17:33
MW-6-091525	R2511647-002	I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	09/20/25 17:56
MW-14-091525	R2511647-004	I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	09/20/25 18:42
MW-13-091525	R2511647-005	I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	09/20/25 19:04

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/24/25 13:27
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name: Method Blank
Lab Code: RQ2513226-03
Instrument ID: R-MS-16
File ID: I:\ACQUDATA\MSVOA16\Data\092425\H1353.D

Analysis Method: 8260D
Prep Method: EPA 5030C
Analysis Lot: 894458

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2513226-02	I:\ACQUDATA\MSVOA16\Data\092425\H1350.D	09/24/25 12:06
FB-091525	R2511647-010	I:\ACQUDATA\MSVOA16\Data\092425\H1354.D	09/24/25 13:49
TB-091525	R2511647-011	I:\ACQUDATA\MSVOA16\Data\092425\H1355.D	09/24/25 14:12
DMW-3-091525	R2511647-006	I:\ACQUDATA\MSVOA16\Data\092425\H1356.D	09/24/25 14:35
DMW-4-091525	R2511647-008	I:\ACQUDATA\MSVOA16\Data\092425\H1357.D	09/24/25 14:58
TMP-A-091525	R2511647-009	I:\ACQUDATA\MSVOA16\Data\092425\H1358.D	09/24/25 15:21

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2512977-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 12:37	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 12:37	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 12:37	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 12:37	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 12:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 12:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 12:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 12:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	09/20/25 12:37	
Dibromofluoromethane	101	80 - 116	09/20/25 12:37	
Toluene-d8	101	87 - 121	09/20/25 12:37	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2513226-03	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 13:27	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 13:27	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 13:27	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 13:27	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 13:27	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 13:27	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 13:27	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 13:27	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	09/24/25 13:27	
Dibromofluoromethane	99	80 - 116	09/24/25 13:27	
Toluene-d8	96	87 - 121	09/24/25 13:27	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 11:16
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-03	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2512977-05	I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	09/20/25 12:37
MW-7-091525	R2511647-001	I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	09/20/25 17:33
MW-6-091525	R2511647-002	I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	09/20/25 17:56
MW-14-091525	R2511647-004	I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	09/20/25 18:42
MW-13-091525	R2511647-005	I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	09/20/25 19:04

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/24/25 12:06
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2513226-02	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092425\H1350.D
Analysis Method:	8260D	**Analysis Lot:**	894458
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2513226-03	I:\ACQUDATA\MSVOA16\Data\092425\H1353.D	09/24/25 13:27
FB-091525	R2511647-010	I:\ACQUDATA\MSVOA16\Data\092425\H1354.D	09/24/25 13:49
TB-091525	R2511647-011	I:\ACQUDATA\MSVOA16\Data\092425\H1355.D	09/24/25 14:12
DMW-3-091525	R2511647-006	I:\ACQUDATA\MSVOA16\Data\092425\H1356.D	09/24/25 14:35
DMW-4-091525	R2511647-008	I:\ACQUDATA\MSVOA16\Data\092425\H1357.D	09/24/25 14:58
TMP-A-091525	R2511647-009	I:\ACQUDATA\MSVOA16\Data\092425\H1358.D	09/24/25 15:21

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511647
Date Analyzed: 09/20/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2512977-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	22.1	20.0	111	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	23.1	20.0	116	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	22.6	20.0	113	71-118
Tetrachloroethene (PCE)	8260D	21.5	20.0	108	72-125
Trichloroethene (TCE)	8260D	20.5	20.0	102	74-122
Vinyl Chloride	8260D	24.9	20.0	124	74-159
cis-1,2-Dichloroethene	8260D	22.9	20.0	114	80-121
trans-1,2-Dichloroethene	8260D	21.7	20.0	108	73-118

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511647
Date Analyzed: 09/24/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2513226-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	20.6	20.0	103	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	21.6	20.0	108	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	21.4	20.0	107	71-118
Tetrachloroethene (PCE)	8260D	19.5	20.0	97	72-125
Trichloroethene (TCE)	8260D	18.4	20.0	92	74-122
Vinyl Chloride	8260D	24.2	20.0	121	74-159
cis-1,2-Dichloroethene	8260D	21.5	20.0	107	80-121
trans-1,2-Dichloroethene	8260D	20.6	20.0	103	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 893977

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2512977-01	I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	09/20/25 10:06	
Lab Control Sample	RQ2512977-03	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	09/20/25 11:16	
Method Blank	RQ2512977-05	I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	09/20/25 12:37	
MW-7-091525	R2511647-001	I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	09/20/25 17:33	
MW-6-091525	R2511647-002	I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	09/20/25 17:56	
MW-14-091525	R2511647-004	I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	09/20/25 18:42	
MW-13-091525	R2511647-005	I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	09/20/25 19:04	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/24/25 11:29

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092425\H1349.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 894458

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2513226-01	I:\ACQUDATA\MSVOA16\Data\092425\H1349.D	09/24/25 11:29	
Lab Control Sample	RQ2513226-02	I:\ACQUDATA\MSVOA16\Data\092425\H1350.D	09/24/25 12:06	
Method Blank	RQ2513226-03	I:\ACQUDATA\MSVOA16\Data\092425\H1353.D	09/24/25 13:27	
FB-091525	R2511647-010	I:\ACQUDATA\MSVOA16\Data\092425\H1354.D	09/24/25 13:49	
TB-091525	R2511647-011	I:\ACQUDATA\MSVOA16\Data\092425\H1355.D	09/24/25 14:12	
DMW-3-091525	R2511647-006	I:\ACQUDATA\MSVOA16\Data\092425\H1356.D	09/24/25 14:35	
DMW-4-091525	R2511647-008	I:\ACQUDATA\MSVOA16\Data\092425\H1357.D	09/24/25 14:58	
TMP-A-091525	R2511647-009	I:\ACQUDATA\MSVOA16\Data\092425\H1358.D	09/24/25 15:21	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	223,511	11.95	416,924	6.67	369,002	9.92
	Upper Limit ==>	447,023	12.12	833,849	6.84	738,005	10.09
	Lower Limit ==>	111,756	11.78	208,462	6.50	184,501	9.75
Associated Analyses							
Lab Control Sample	RQ2512977-03	202690	11.957	422611	6.671	359059	9.920
Method Blank	RQ2512977-05	183718	11.951	386984	6.671	349412	9.920
MW-7-091525	R2511647-001	175250	11.951	370449	6.671	338424	9.920
MW-6-091525	R2511647-002	164207	11.957	360052	6.671	321826	9.921
MW-14-091525	R2511647-004	171715	11.957	379441	6.671	338044	9.920
MW-13-091525	R2511647-005	170781	11.956	372671	6.671	336991	9.920

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	248,913	5.62
	Upper Limit ==>	497,826	5.79
	Lower Limit ==>	124,456	5.45
Associated Analyses			
Lab Control Sample	RQ2512977-03	255736	5.623
Method Blank	RQ2512977-05	227846	5.623
MW-7-091525	R2511647-001	218745	5.623
MW-6-091525	R2511647-002	212968	5.623
MW-14-091525	R2511647-004	224670	5.623
MW-13-091525	R2511647-005	219114	5.622

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/24/25 11:29

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092425\H1349.D **Lab Code:**RQ2513226-01
Instrument ID: R-MS-16 **Analysis Lot:**894458
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	219,190	11.95	449,794	6.67	385,901	9.92
	Upper Limit ==>	438,381	12.12	899,588	6.84	771,801	10.09
	Lower Limit ==>	109,595	11.78	224,897	6.50	192,950	9.75
Associated Analyses							
Lab Control Sample	RQ2513226-02	210087.682	11.951	454400.764	6.671	392203.418	9.920
Method Blank	RQ2513226-03	188364.903	11.950	418050.469	6.671	368894.375	9.920
FB-091525	R2511647-010	181238	11.957	402676	6.671	358426	9.921
TB-091525	R2511647-011	175193	11.950	399402	6.671	352580	9.920
DMW-3-091525	R2511647-006	170043	11.957	393583	6.671	332989	9.920
DMW-4-091525	R2511647-008	186370	11.957	397968	6.671	360542	9.920
TMP-A-091525	R2511647-009	161473	11.951	371069	6.671	319327	9.920

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/24/25 11:29

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092425\H1349.D **Lab Code:**RQ2513226-01
Instrument ID: R-MS-16 **Analysis Lot:**894458
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	276,511	5.62
	Upper Limit ==>	553,022	5.79
	Lower Limit ==>	138,255	5.45
Associated Analyses			
Lab Control Sample	RQ2513226-02	275245.167	5.616
Method Blank	RQ2513226-03	249097.558	5.622
FB-091525	R2511647-010	240472	5.623
TB-091525	R2511647-011	240222	5.622
DMW-3-091525	R2511647-006	236526	5.623
DMW-4-091525	R2511647-008	236996	5.622
TMP-A-091525	R2511647-009	220461	5.629

Raw Data

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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www.alsglobal.com

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-7-091525	**Units:**	ug/L
Lab Code:	R2511647-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 17:33	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 17:33	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 17:33	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 17:33	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 17:33	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 17:33	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 17:33	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 17:33	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	09/20/25 17:33	
Dibromofluoromethane	104	80 - 116	09/20/25 17:33	
Toluene-d8	102	87 - 121	09/20/25 17:33	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-6-091525	**Units:**	ug/L
Lab Code:	R2511647-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 17:56	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 17:56	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 17:56	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 17:56	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 17:56	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 17:56	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 17:56	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 17:56	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/20/25 17:56	
Dibromofluoromethane	105	80 - 116	09/20/25 17:56	
Toluene-d8	100	87 - 121	09/20/25 17:56	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 12:45
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-14-091525	**Units:**	ug/L
Lab Code:	R2511647-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 18:42	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 18:42	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 18:42	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 18:42	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 18:42	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 18:42	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 18:42	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 18:42	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	09/20/25 18:42	
Dibromofluoromethane	103	80 - 116	09/20/25 18:42	
Toluene-d8	100	87 - 121	09/20/25 18:42	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 12:50
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-13-091525	**Units:**	ug/L
Lab Code:	R2511647-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 19:04	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 19:04	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 19:04	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 19:04	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 19:04	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 19:04	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 19:04	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 19:04	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	09/20/25 19:04	
Dibromofluoromethane	103	80 - 116	09/20/25 19:04	
Toluene-d8	100	87 - 121	09/20/25 19:04	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 13:00
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	DMW-3-091525	**Units:**	ug/L
Lab Code:	R2511647-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 14:35	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 14:35	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 14:35	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 14:35	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 14:35	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 14:35	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 14:35	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 14:35	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	116	85 - 122	09/24/25 14:35	
Dibromofluoromethane	104	80 - 116	09/24/25 14:35	
Toluene-d8	96	87 - 121	09/24/25 14:35	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:20
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	DMW-4-091525	**Units:**	ug/L
Lab Code:	R2511647-008	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.22**	**J**	1.0	0.20	1	09/24/25 14:58	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	09/24/25 14:58	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	09/24/25 14:58	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	09/24/25 14:58	
Trichloroethene (TCE)	1.0	U	1.0	0.20	1	09/24/25 14:58	
Vinyl Chloride	1.0	U	1.0	0.20	1	09/24/25 14:58	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	09/24/25 14:58	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	09/24/25 14:58	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/24/25 14:58	
Dibromofluoromethane	103	80 - 116	09/24/25 14:58	
Toluene-d8	99	87 - 121	09/24/25 14:58	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:30
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	TMP-A-091525	**Units:**	ug/L
Lab Code:	R2511647-009	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.57**	**J**	1.0	0.20	1	09/24/25 15:21	
1,1-Dichloroethane (1,1-DCA)	**0.88**	**J**	1.0	0.20	1	09/24/25 15:21	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	09/24/25 15:21	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	09/24/25 15:21	
Trichloroethene (TCE)	1.0	U	1.0	0.20	1	09/24/25 15:21	
Vinyl Chloride	1.0	U	1.0	0.20	1	09/24/25 15:21	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	09/24/25 15:21	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	09/24/25 15:21	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	112	85 - 122	09/24/25 15:21	
Dibromofluoromethane	111	80 - 116	09/24/25 15:21	
Toluene-d8	96	87 - 121	09/24/25 15:21	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:40
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	FB-091525	**Units:**	ug/L
Lab Code:	R2511647-010	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 13:49	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 13:49	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 13:49	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 13:49	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 13:49	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 13:49	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 13:49	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 13:49	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	111	85 - 122	09/24/25 13:49	
Dibromofluoromethane	103	80 - 116	09/24/25 13:49	
Toluene-d8	98	87 - 121	09/24/25 13:49	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	TB-091525	**Units:**	ug/L
Lab Code:	R2511647-011	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/24/25 14:12	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/24/25 14:12	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/24/25 14:12	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/24/25 14:12	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/24/25 14:12	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/24/25 14:12	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/24/25 14:12	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/24/25 14:12	

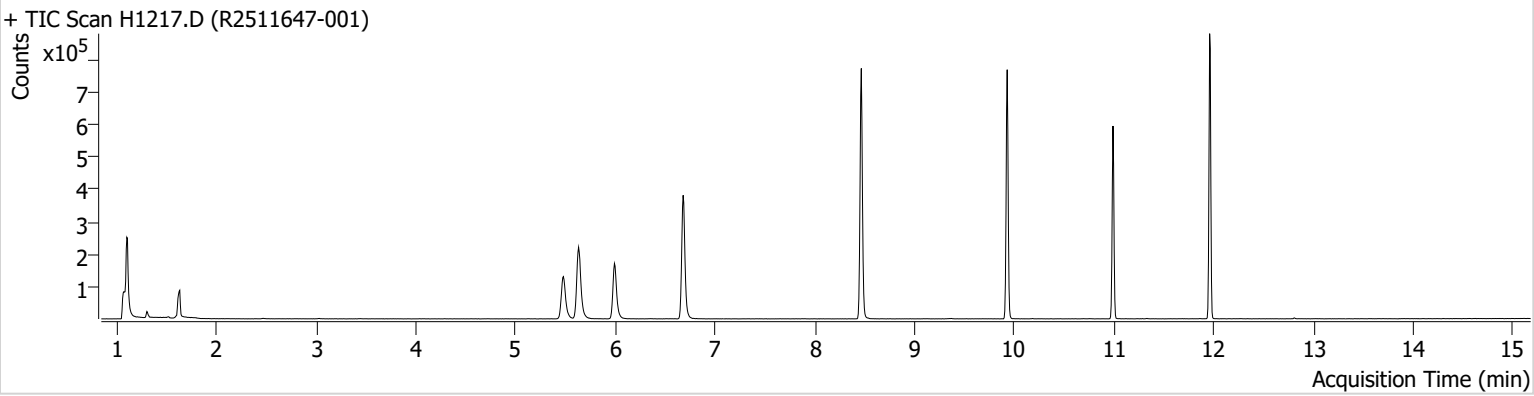
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	09/24/25 14:12	
Dibromofluoromethane	103	80 - 116	09/24/25 14:12	
Toluene-d8	98	87 - 121	09/24/25 14:12	

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\MSVOA16\Data\092025\H1217.D
Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1217.D

Acq. Date-Time	9/20/2025 5:33:43 PM	**Name**	R2511647-001
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	218745	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	370449	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	338424	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	175250	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	124671	52.2024	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	469189	50.8289	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	145951	51.7582	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	160067	58.0685	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.438	0.001	2.463	0.007	1826	1.8665	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

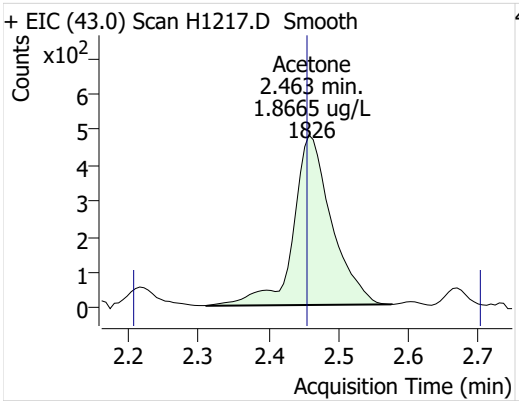
Masshunter Quantitative Analysis Sample Report

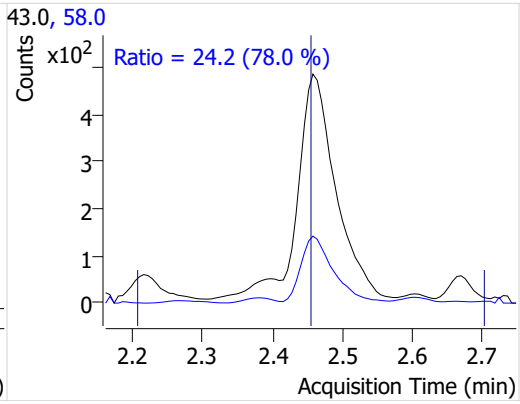
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

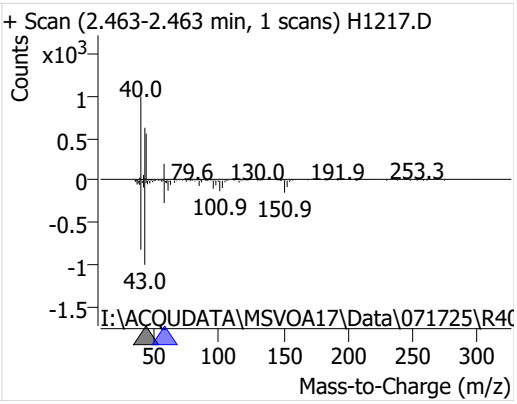
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

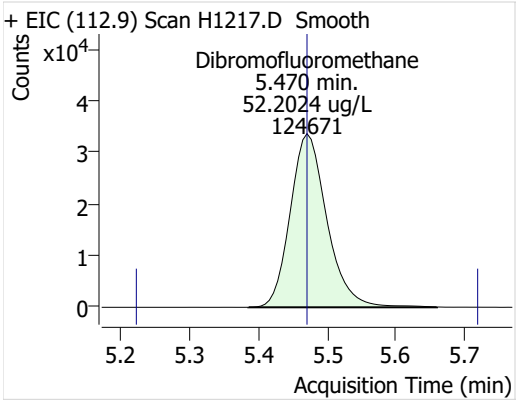
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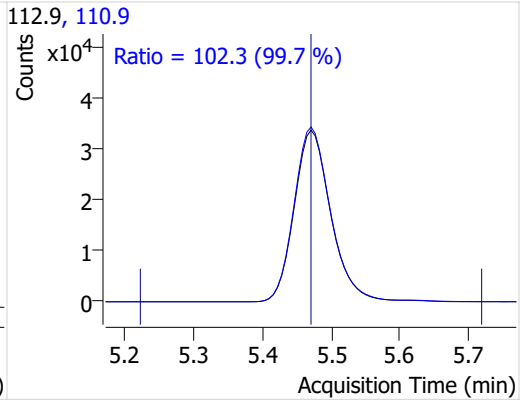


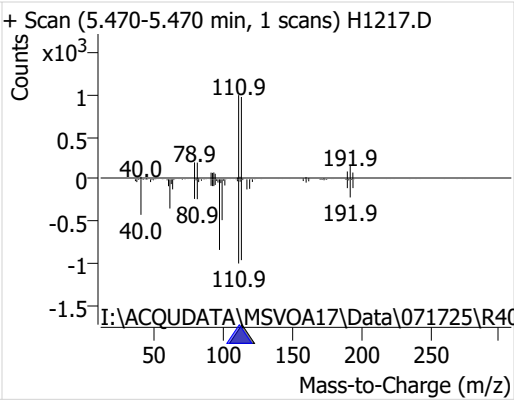




Dibromofluoromethane

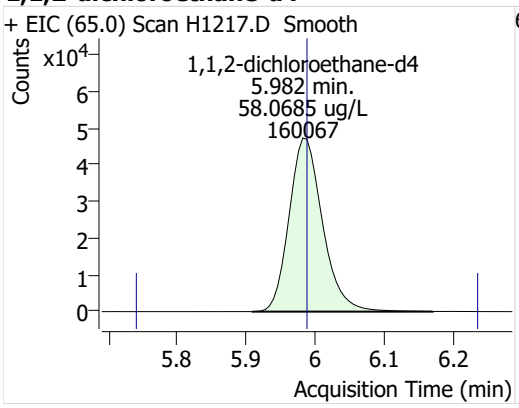


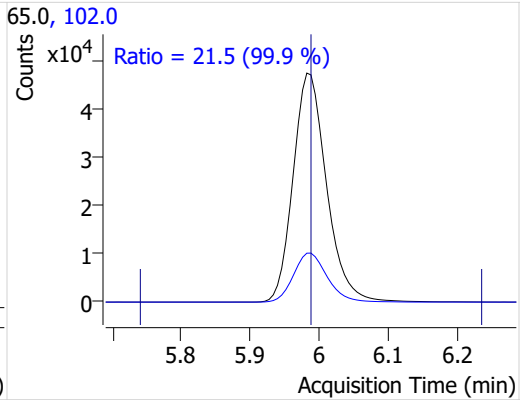


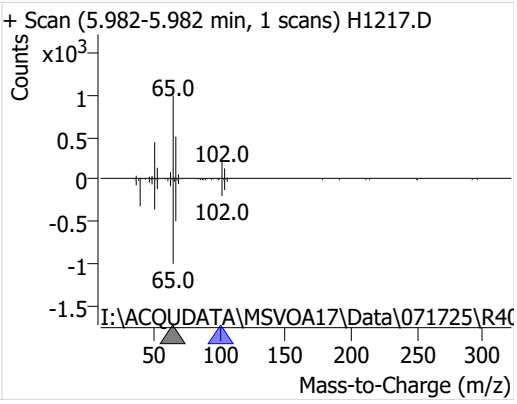


Masshunter Quantitative Analysis Sample Report

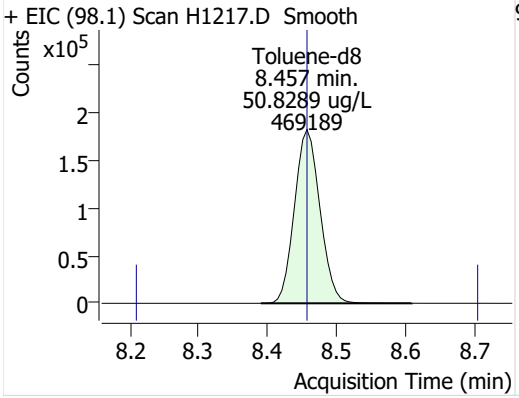
1,1,2-dichloroethane-d4

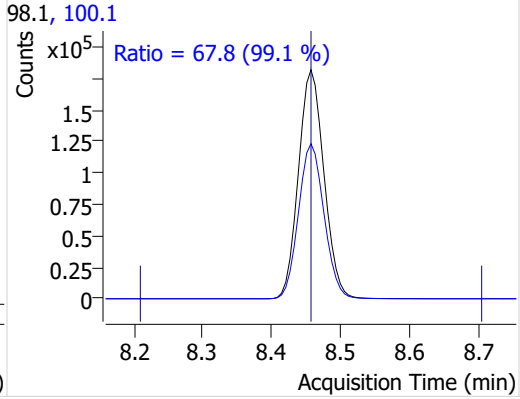


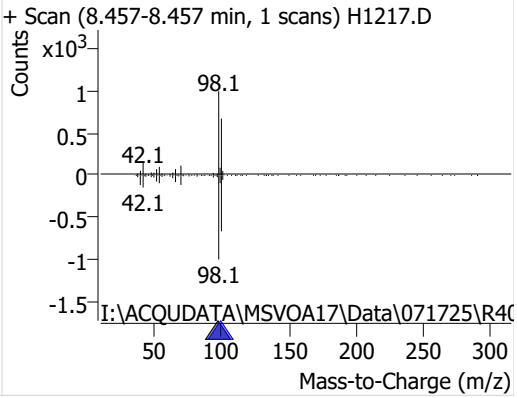




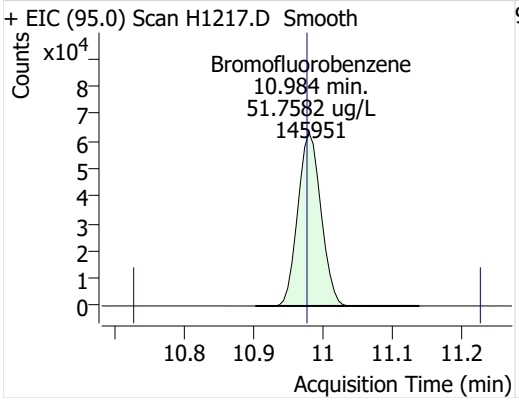
Toluene-d8

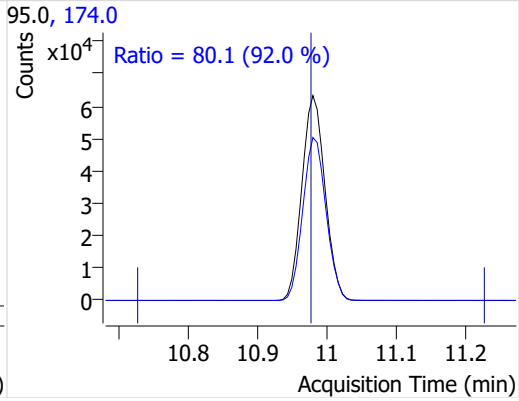


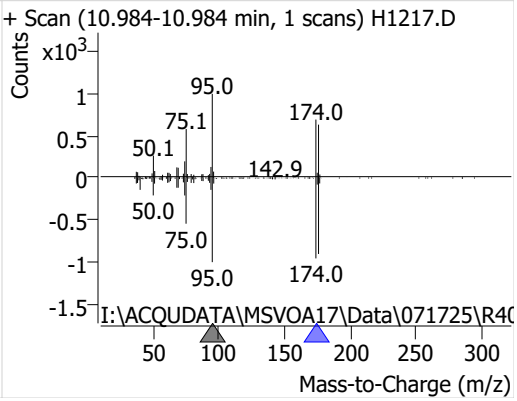




Bromofluorobenzene





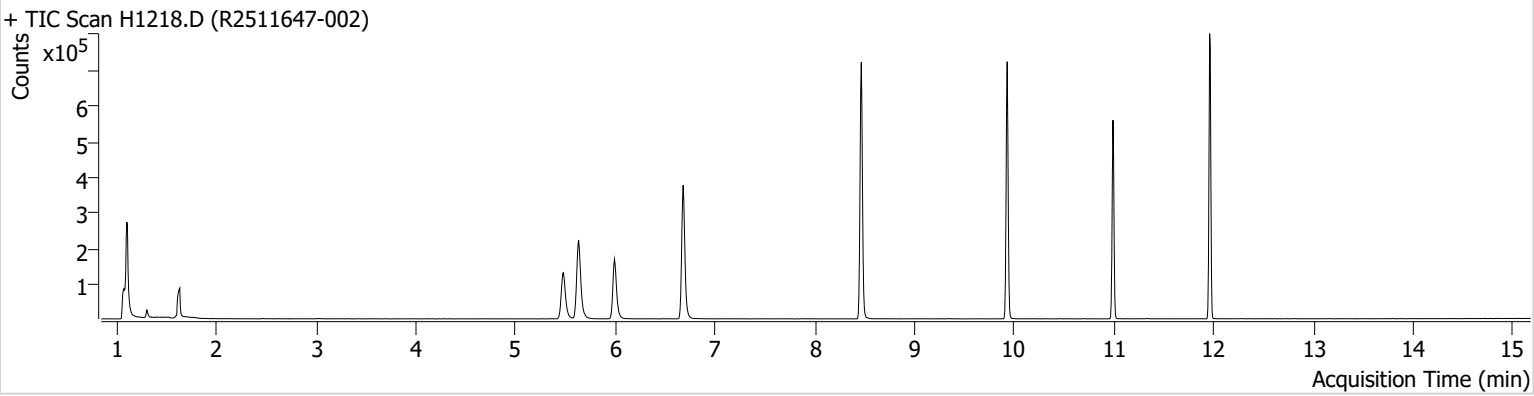


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1218.D

Acq. Date-Time	9/20/2025 5:56:31 PM	**Name**	R2511647-002
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	212968	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	360052	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	321826	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	164207	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	121486	52.3375	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	447618	49.8922	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	139062	52.6313	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	157039	58.6150	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

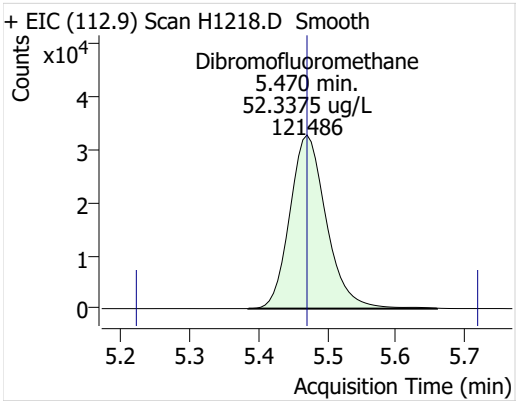
Masshunter Quantitative Analysis Sample Report

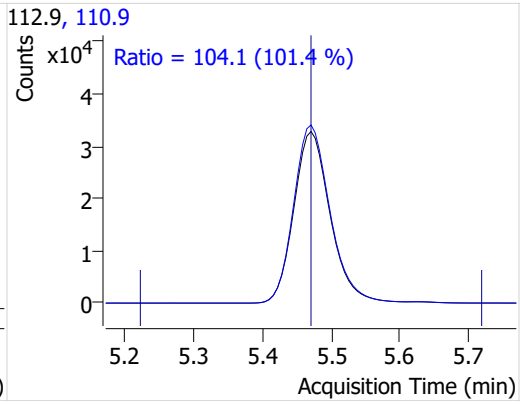
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

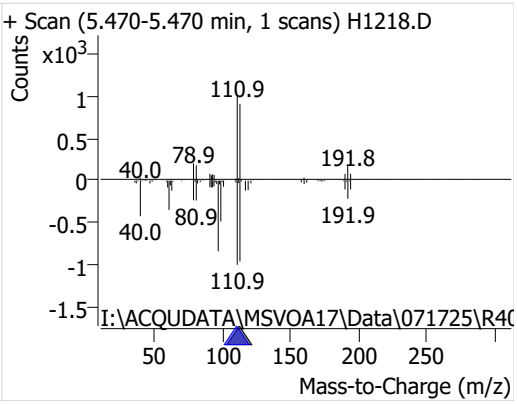
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

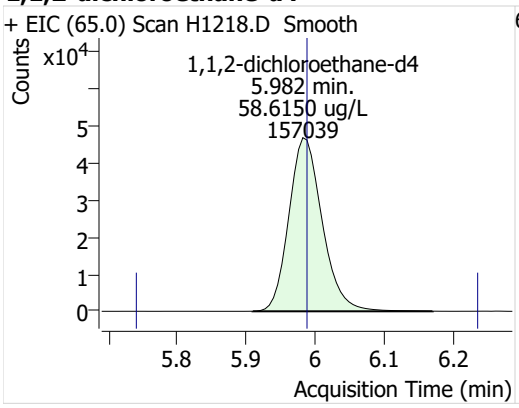
Dibromofluoromethane

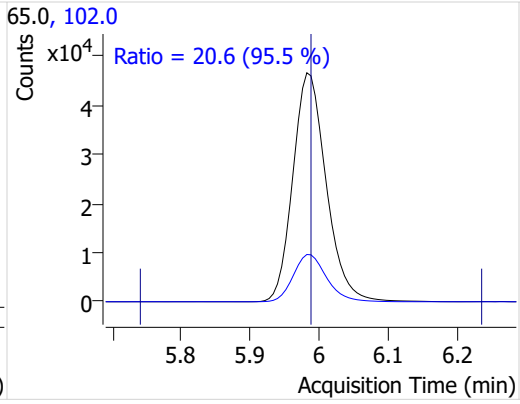


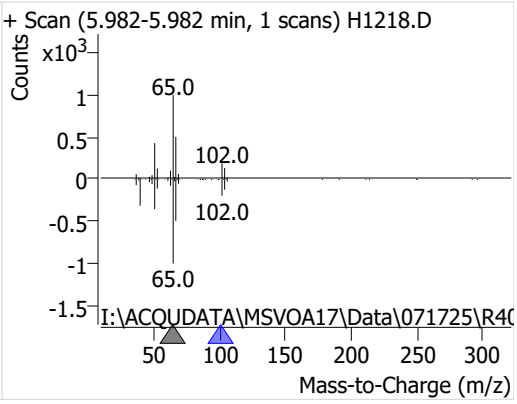




1,1,2-dichloroethane-d4

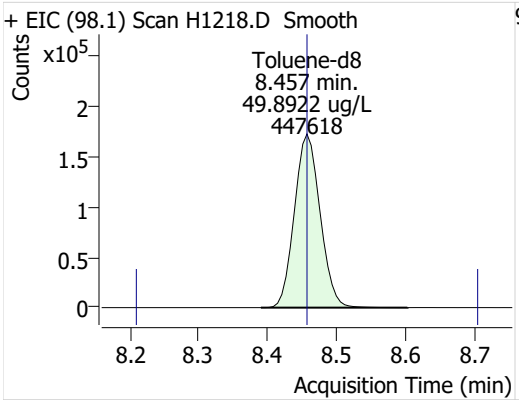


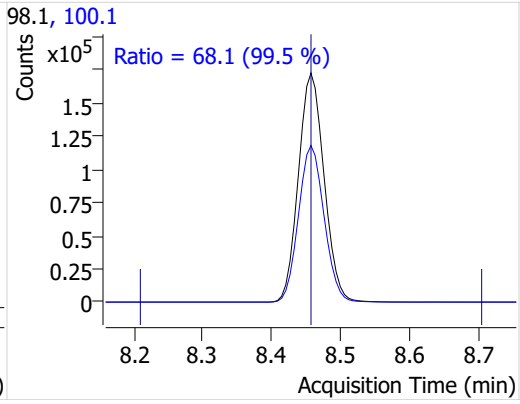


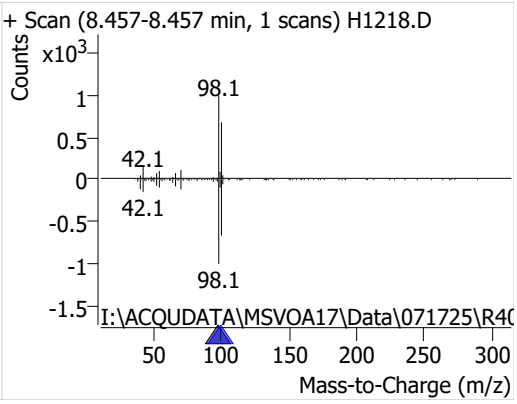


Masshunter Quantitative Analysis Sample Report

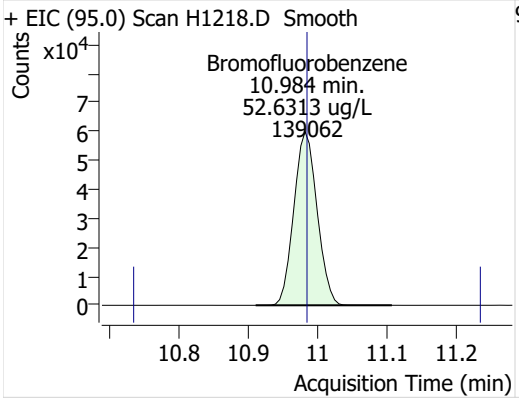
Toluene-d8

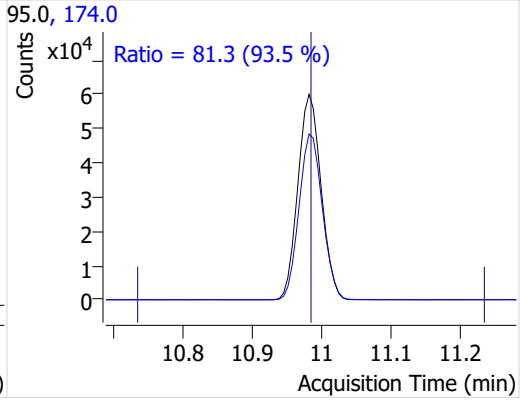


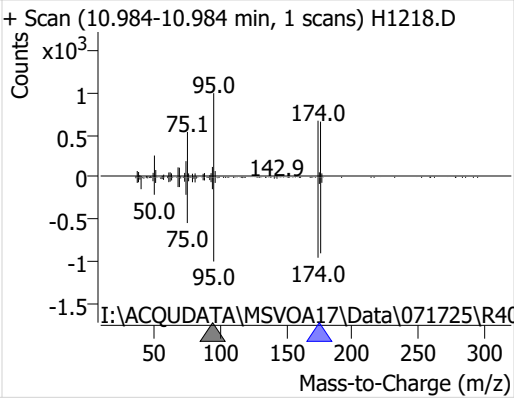




Bromofluorobenzene





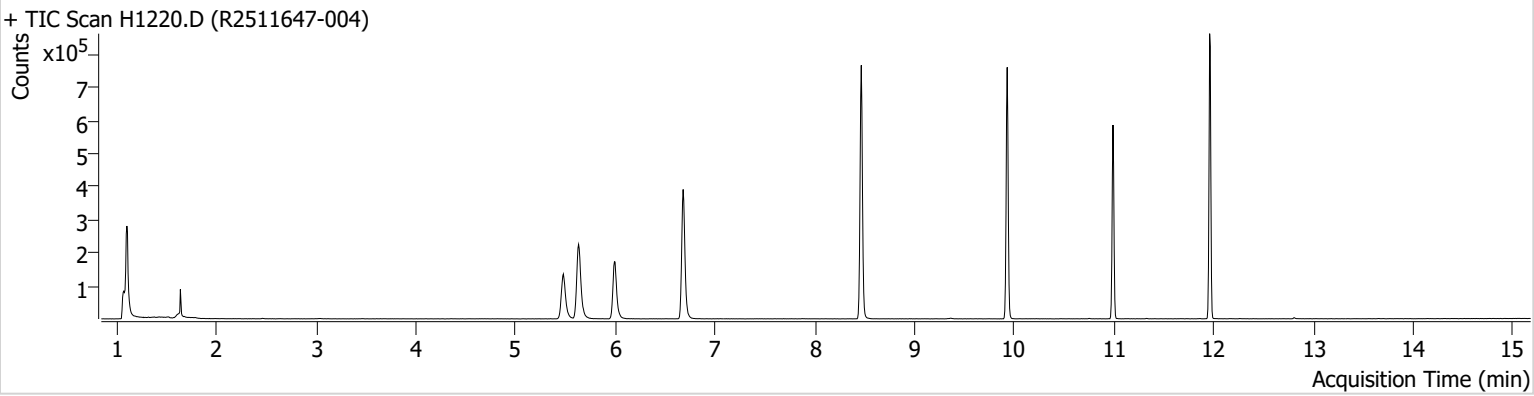


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1220.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	224670	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	379441	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	338044	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	171715	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	126357	51.6544	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	470889	49.8041	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	145910	52.8088	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	164458	58.2474	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.438	0.001	2.461	0.005	1982	1.9726	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

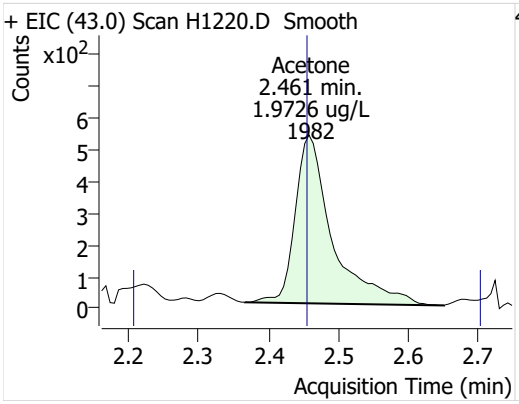
Masshunter Quantitative Analysis Sample Report

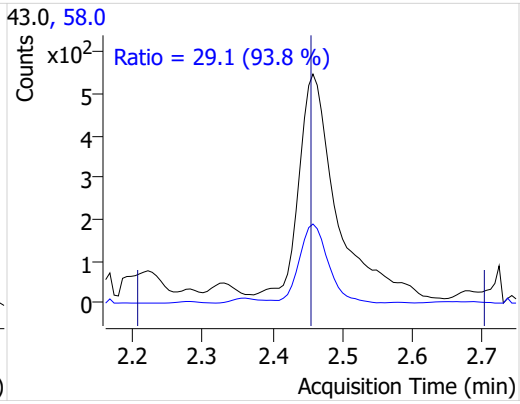
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

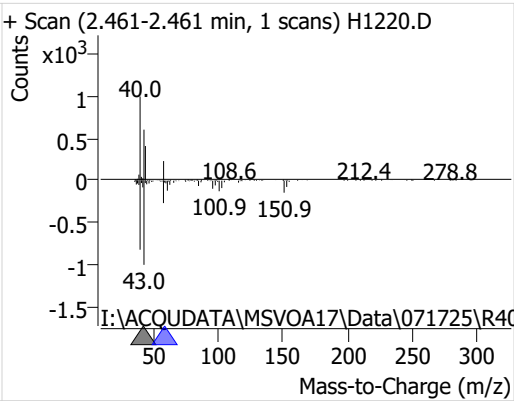
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

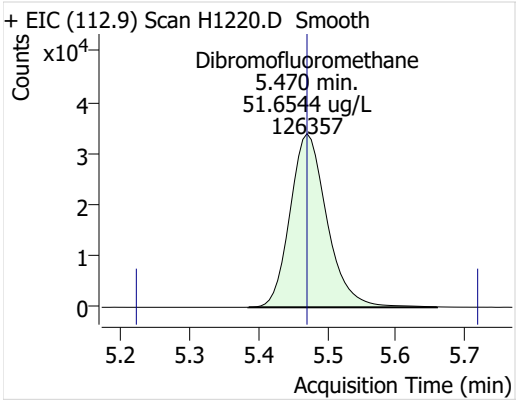
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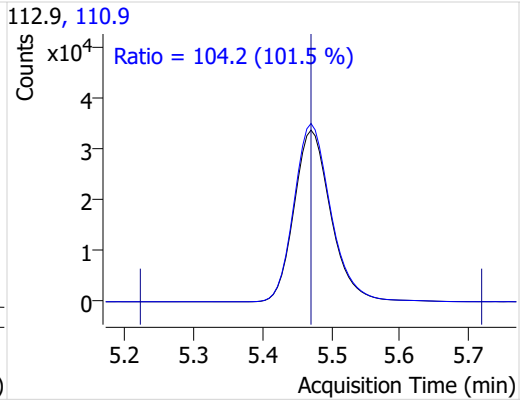


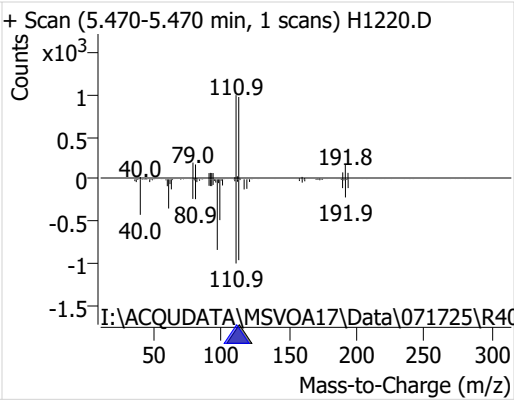




Dibromofluoromethane

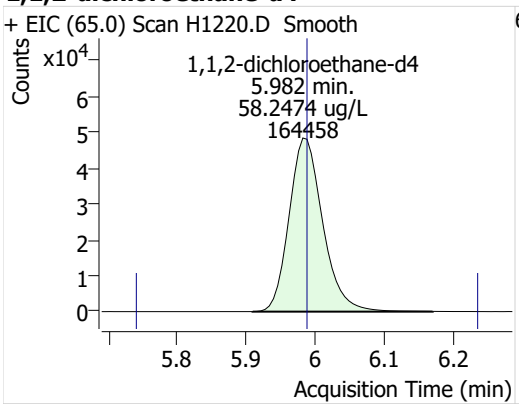


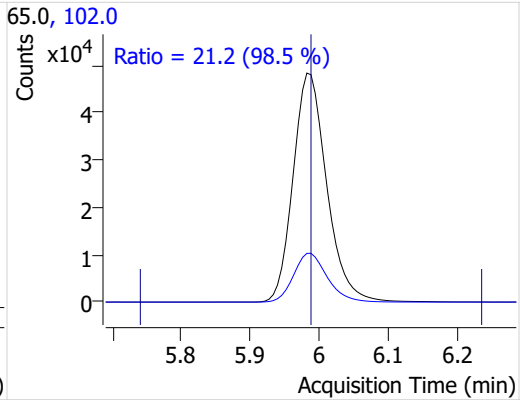


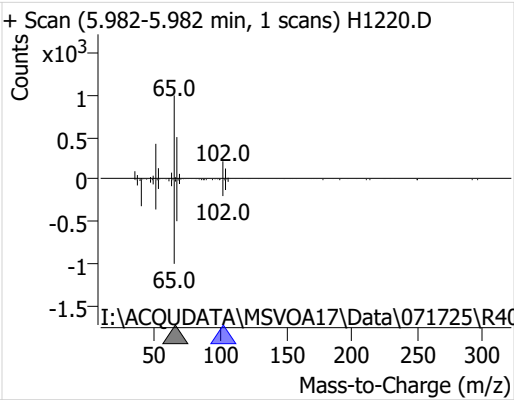


Masshunter Quantitative Analysis Sample Report

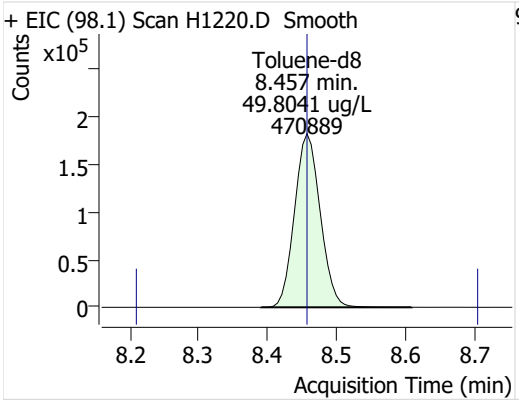
1,1,2-dichloroethane-d4

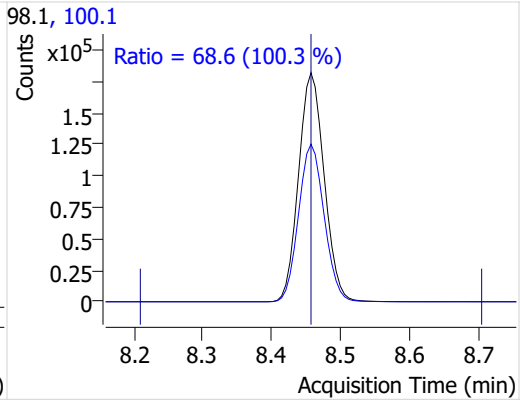


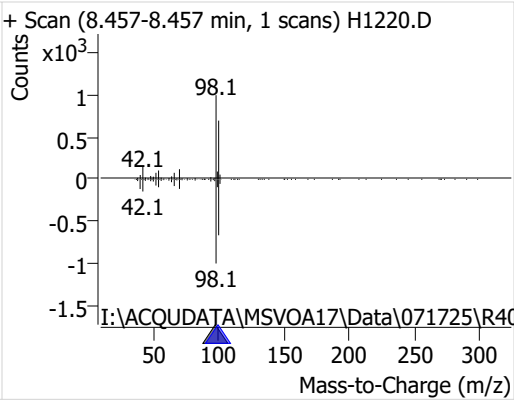




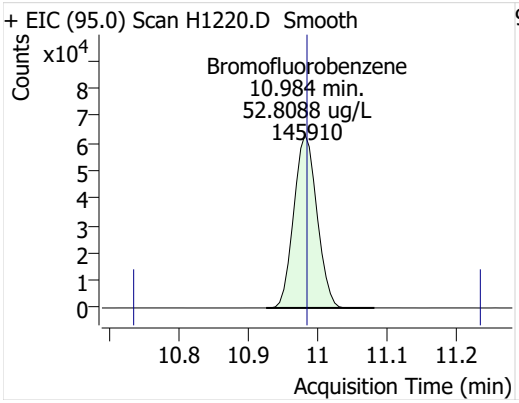
Toluene-d8

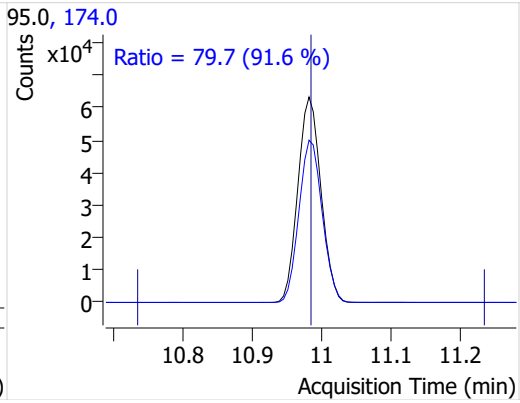


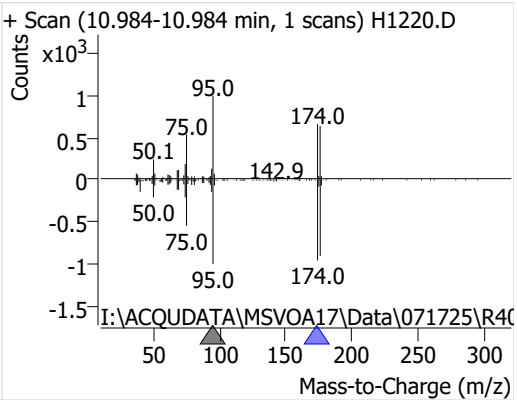




Bromofluorobenzene





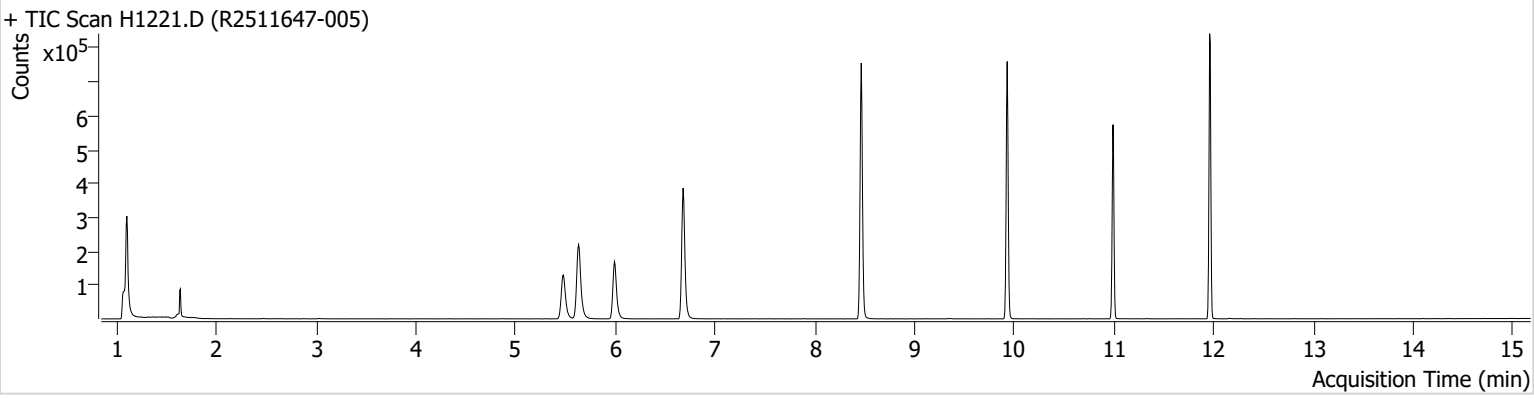


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1221.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon			RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0			5.622	0.000	219114	50.0000	ug/L
1,4-Difluorobenzene	114.0			6.671	0.000	372671	50.0000	ug/L
Chlorobenzene-d5	117.0			9.920	0.000	336991	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0			11.956	0.000	170781	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	124326	51.7474	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	463354	49.8974	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	140911	51.2783	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	162147	58.4720	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.438	0.001	2.462	0.010	815	0.8320	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

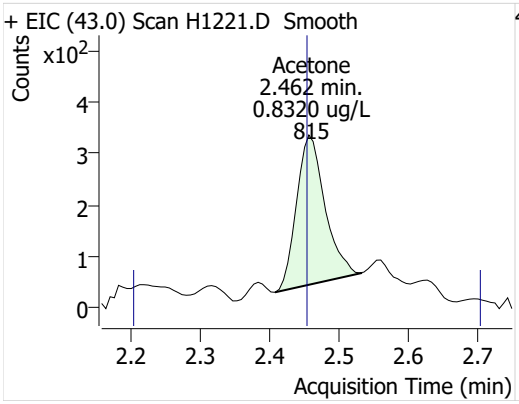
Masshunter Quantitative Analysis Sample Report

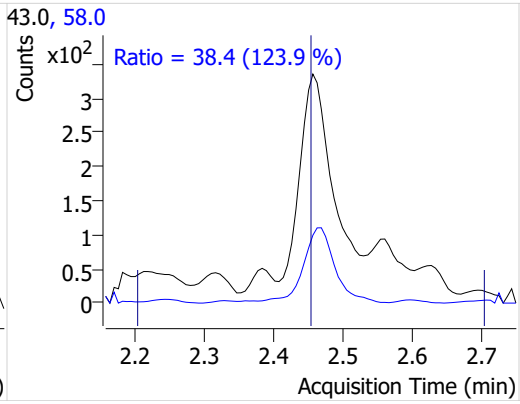
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

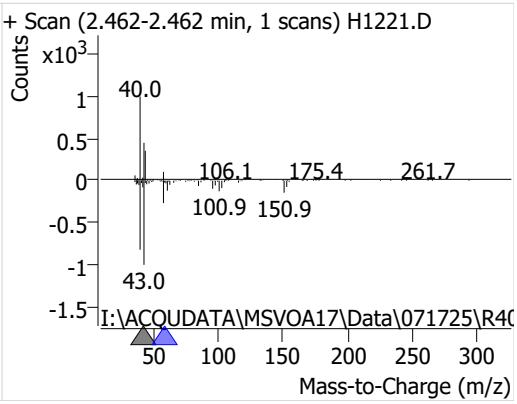
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

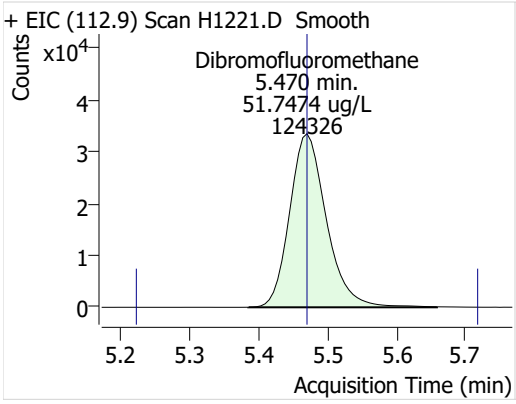
Acetone

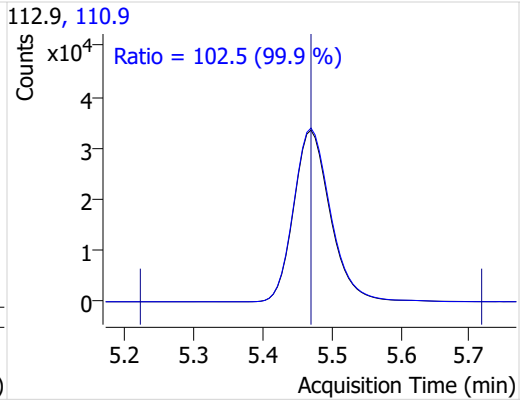


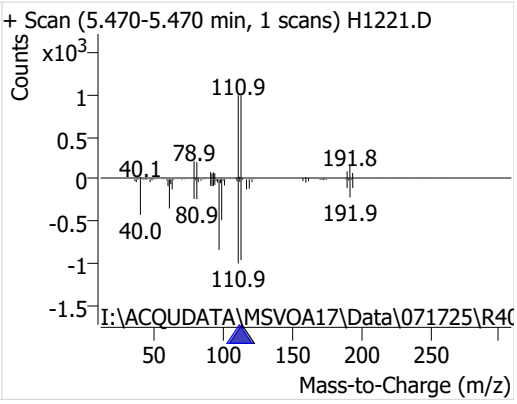




Dibromofluoromethane

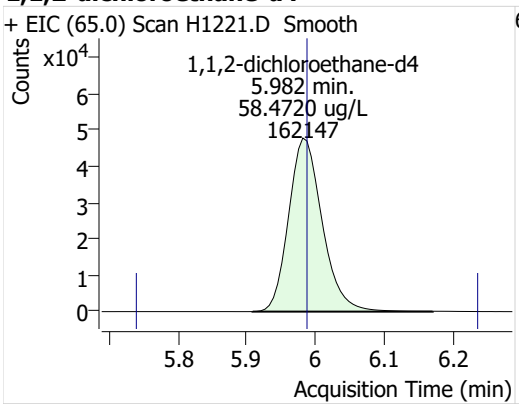


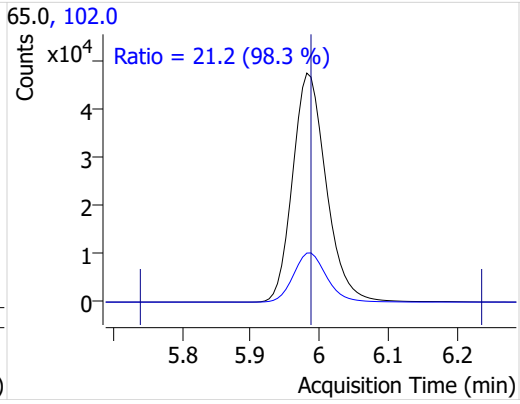


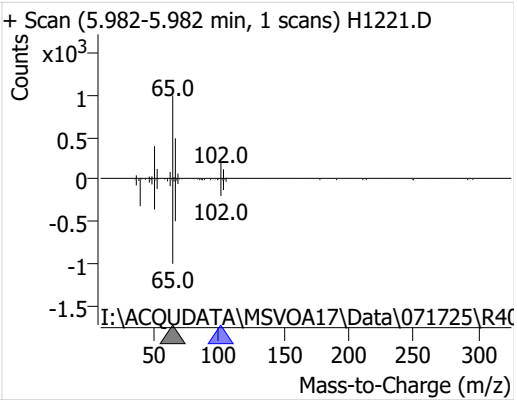


Masshunter Quantitative Analysis Sample Report

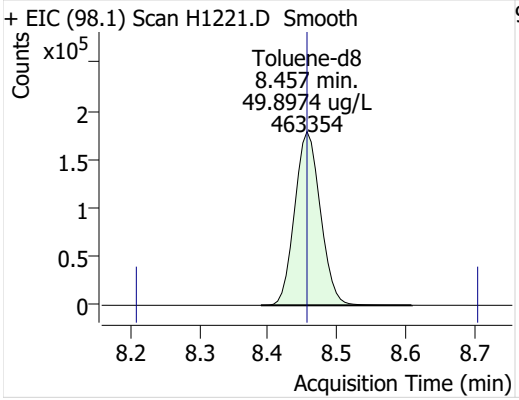
1,1,2-dichloroethane-d4

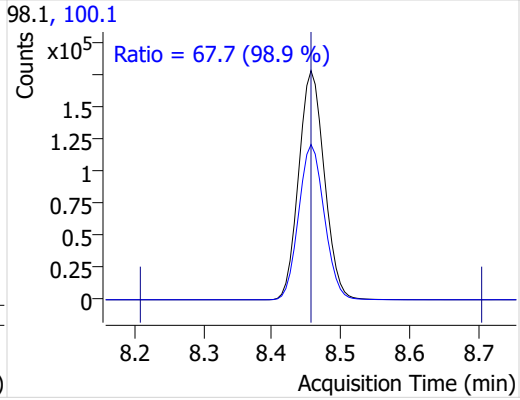


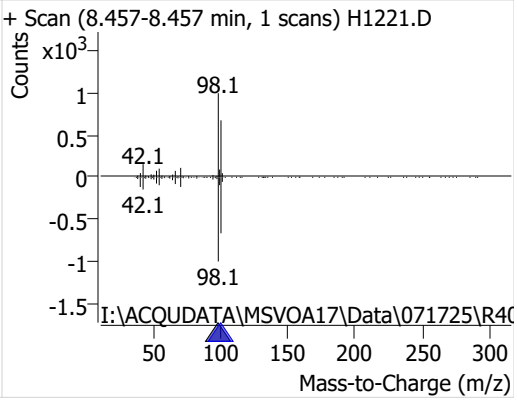




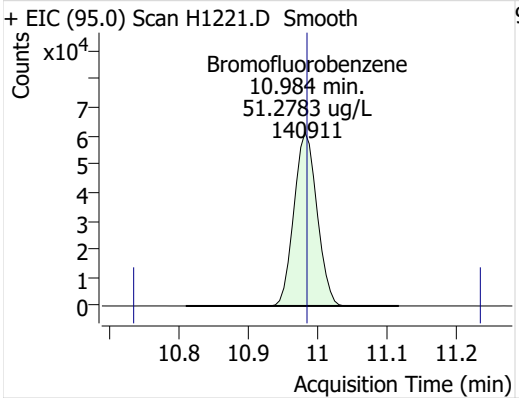
Toluene-d8

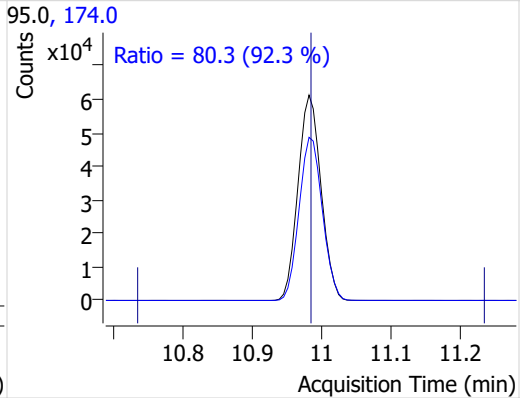


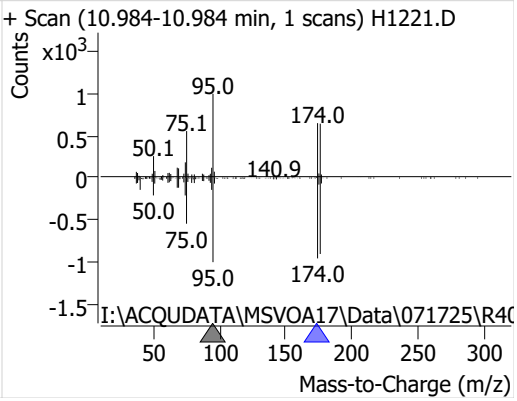




Bromofluorobenzene





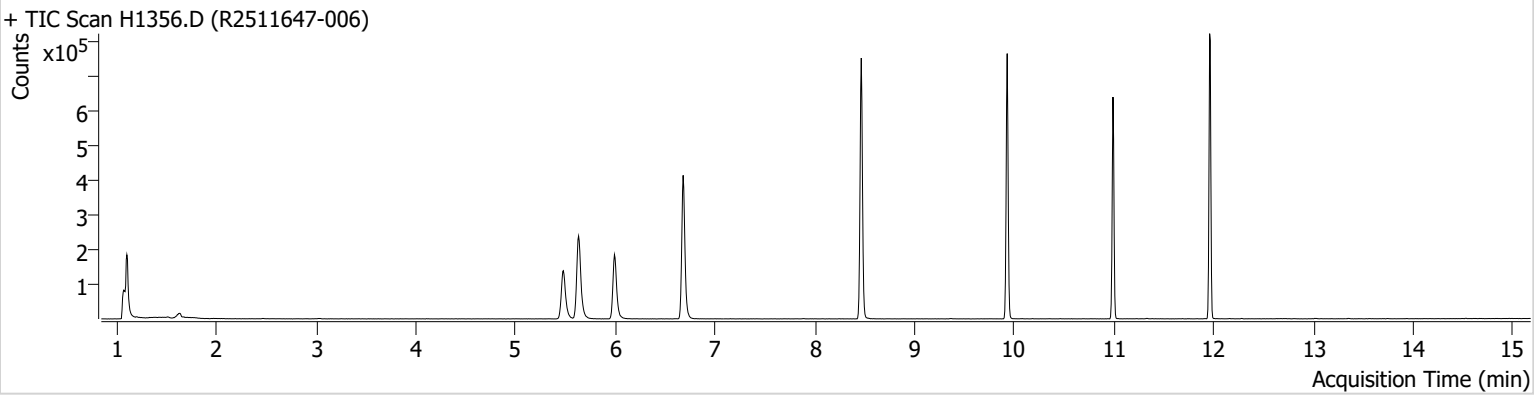


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1356.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	236526	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	393583	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	332989	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	170043	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	131910	51.9871	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	470106	47.9348	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	159322	58.2298	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	176831	60.3793	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.438	0.001	2.461	0.004	1729	1.6340	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

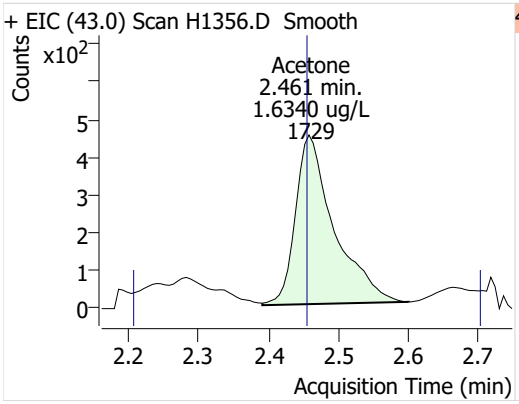
Masshunter Quantitative Analysis Sample Report

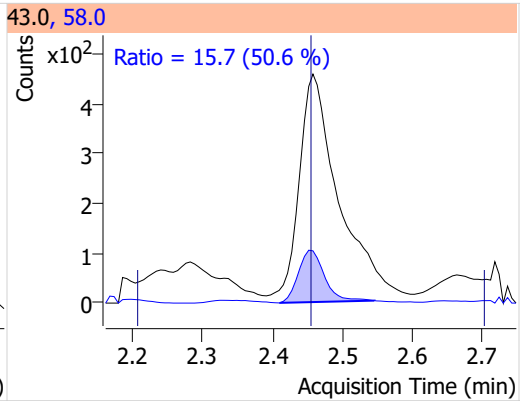
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

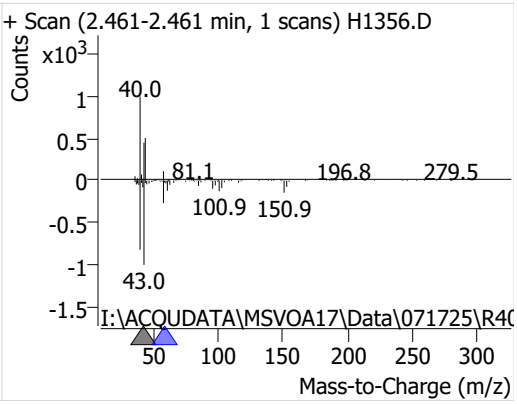
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

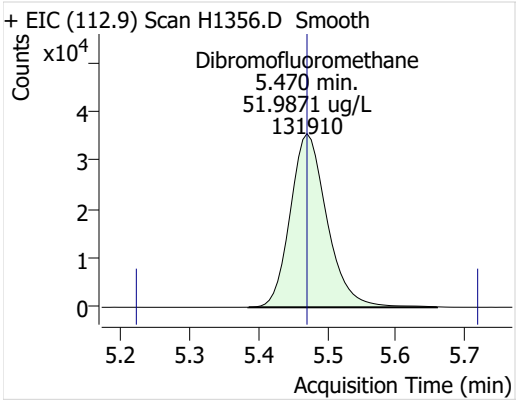
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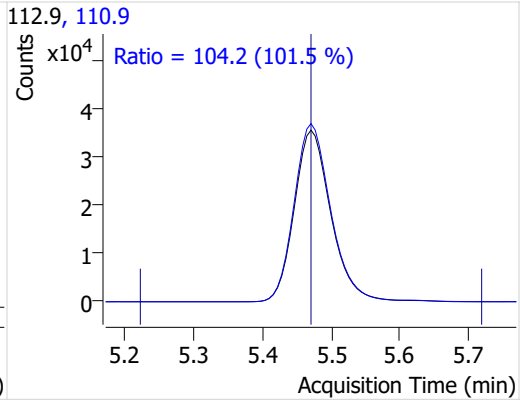


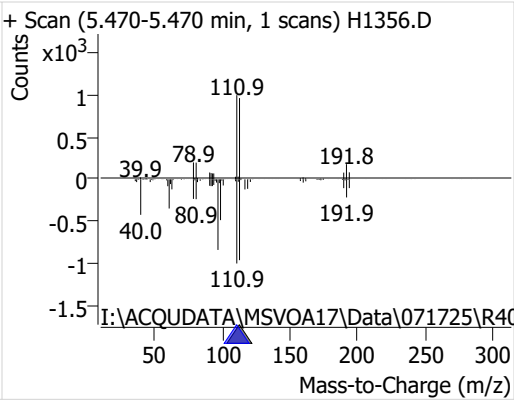




Dibromofluoromethane

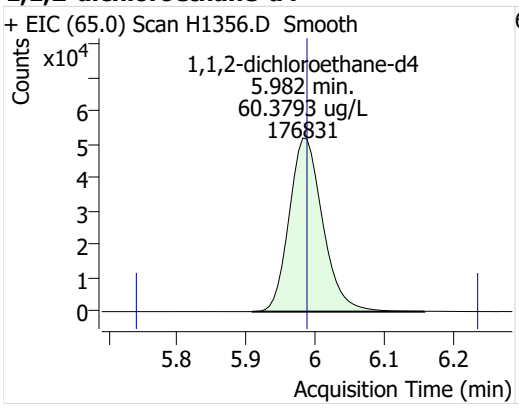


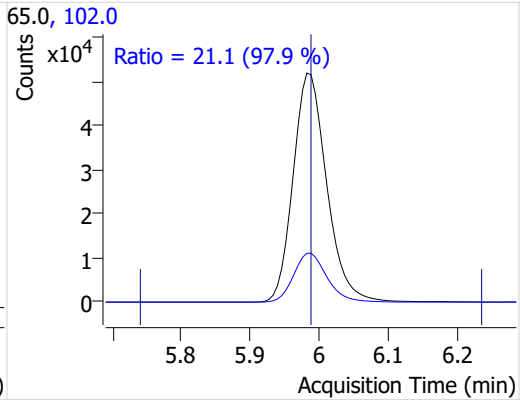


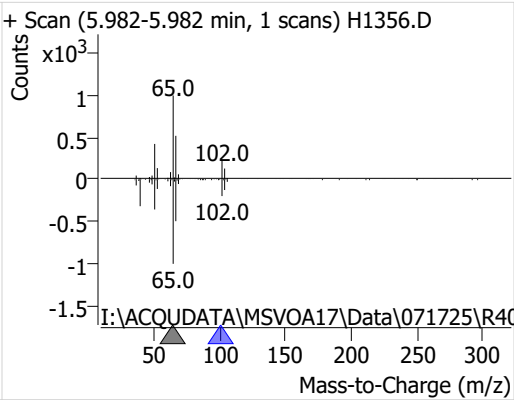


Masshunter Quantitative Analysis Sample Report

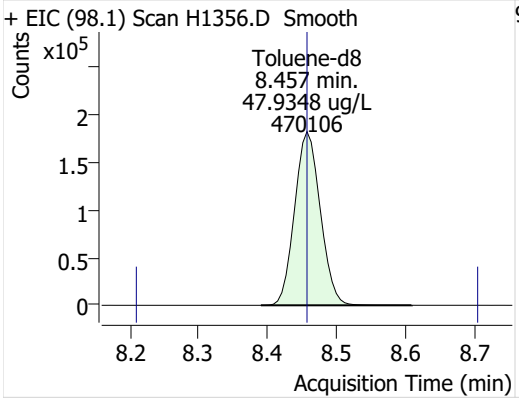
1,1,2-dichloroethane-d4

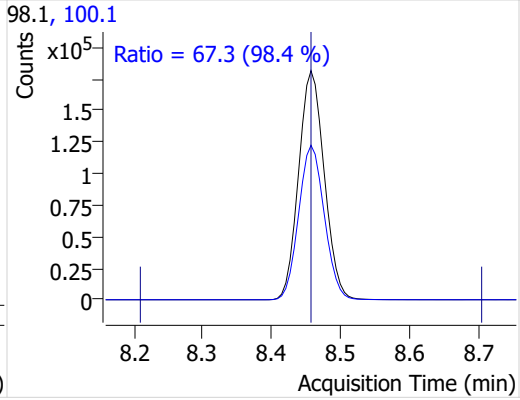


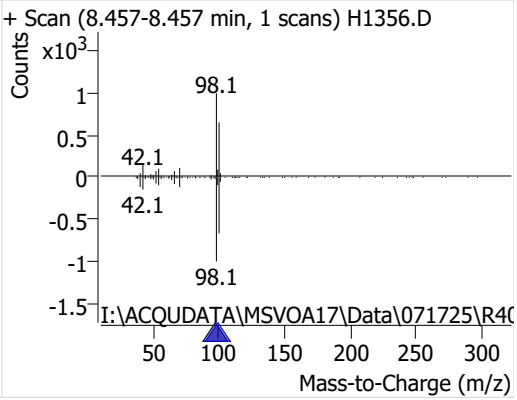




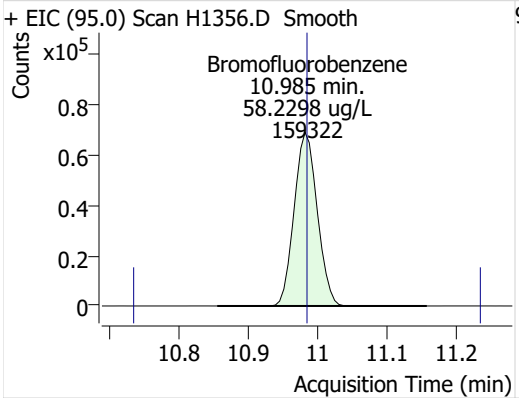
Toluene-d8

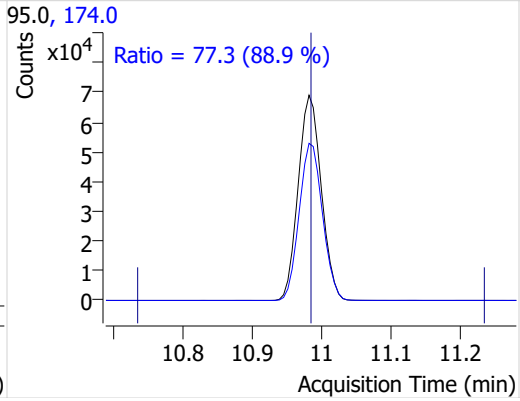


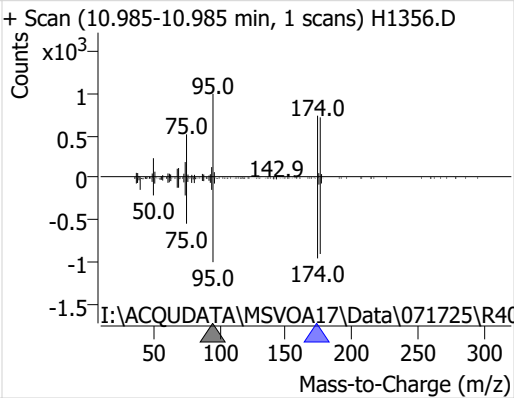




Bromofluorobenzene





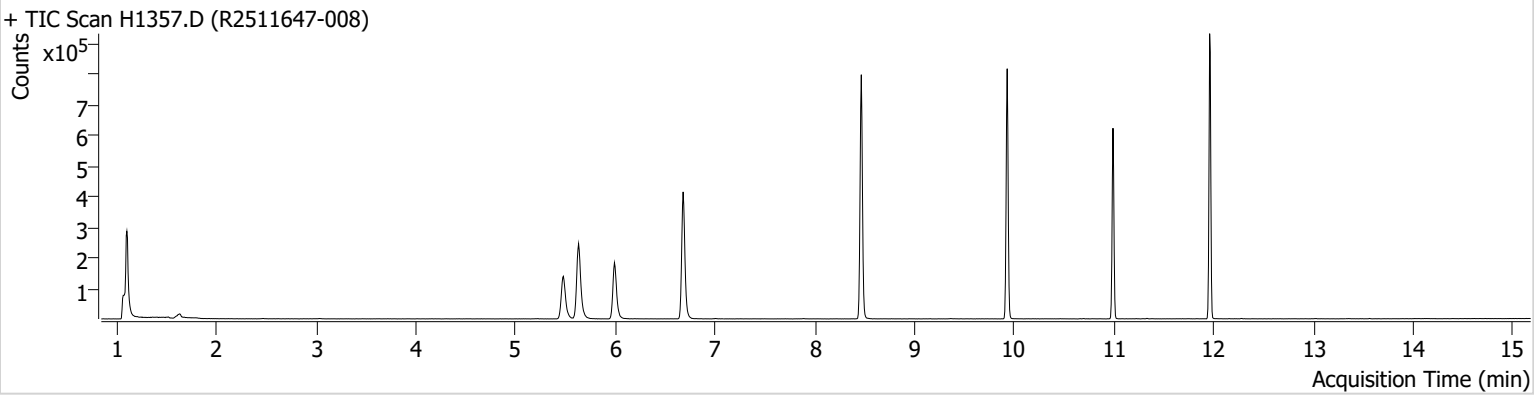


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1357.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	236996	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	397968	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	360542	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	186370	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	131767	51.3586	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	489421	49.3544	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	157432	52.4982	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	174411	58.8969	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.438	0.001	2.462	0.007	1165	1.0993	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

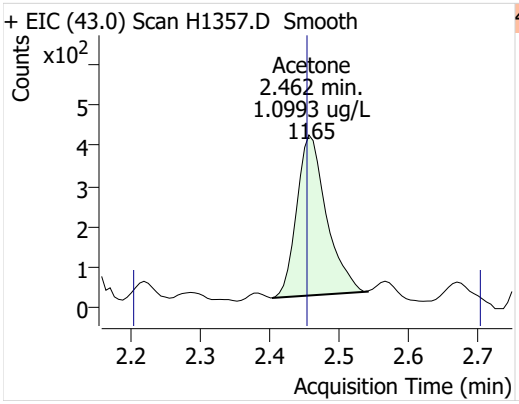
Masshunter Quantitative Analysis Sample Report

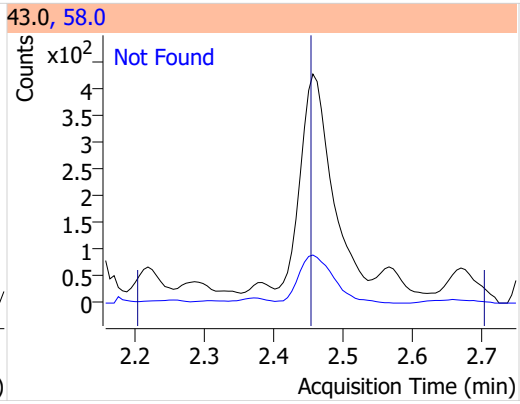
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.500	0.000	810	0.2207	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

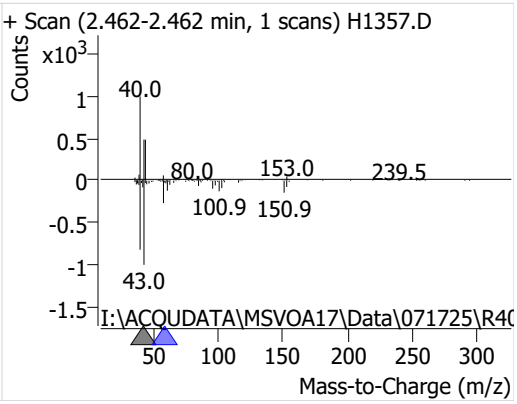
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

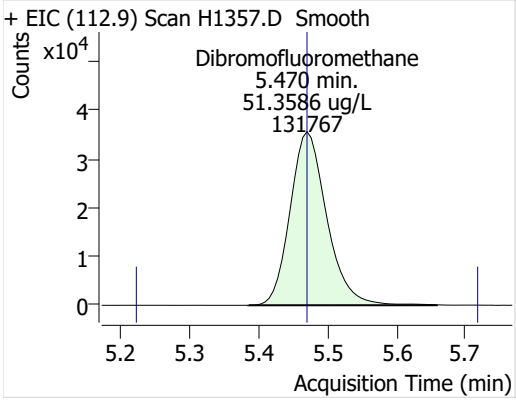
Acetone

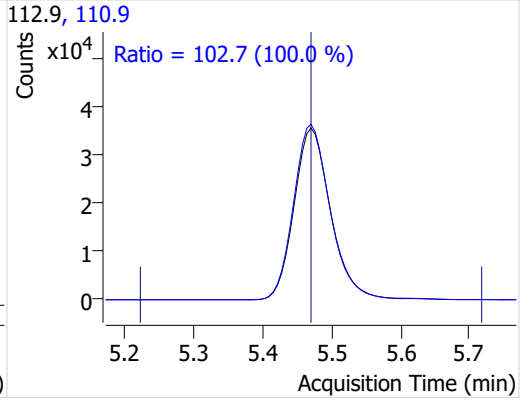


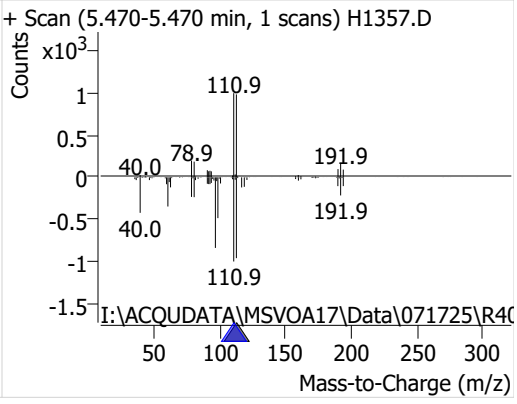




Dibromofluoromethane

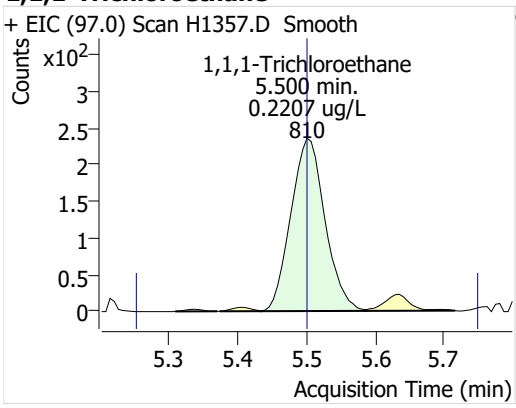


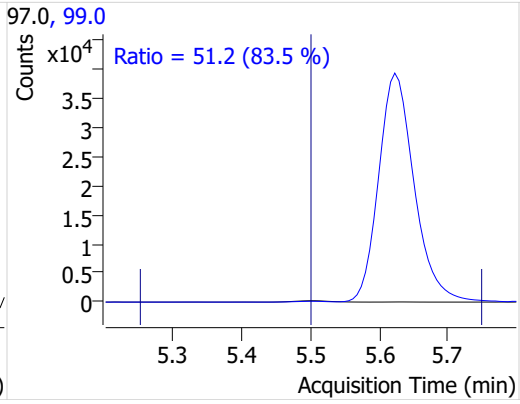


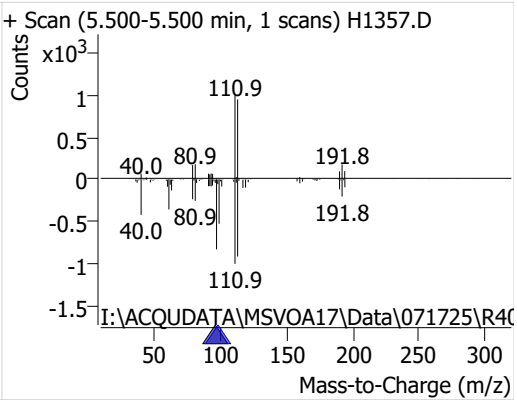


Masshunter Quantitative Analysis Sample Report

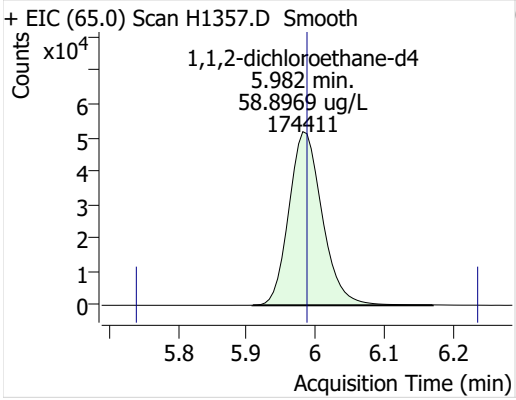
1,1,1-Trichloroethane

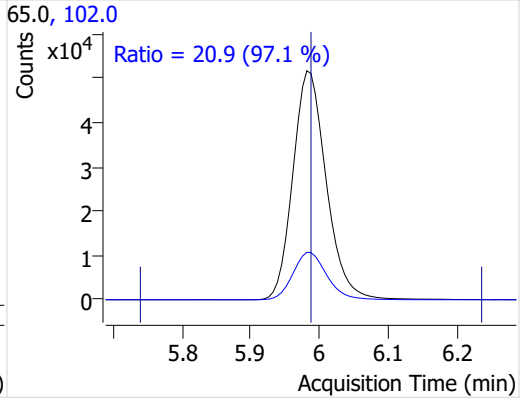


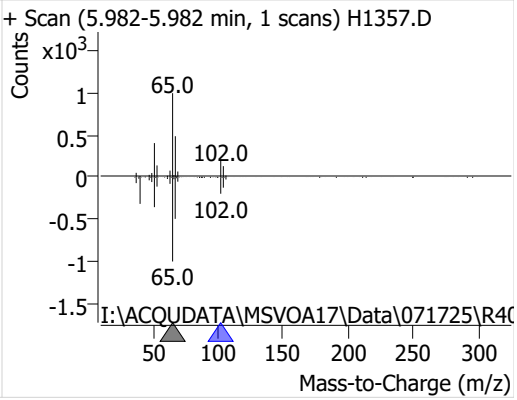




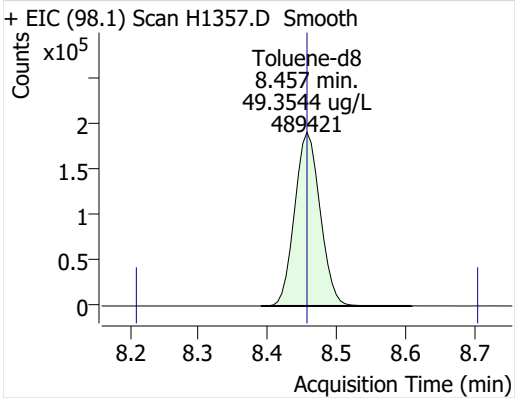
1,1,2-dichloroethane-d4

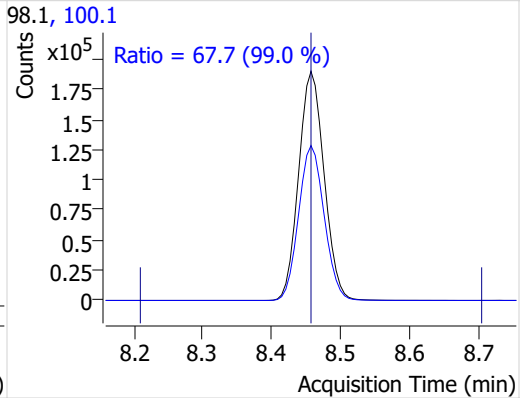


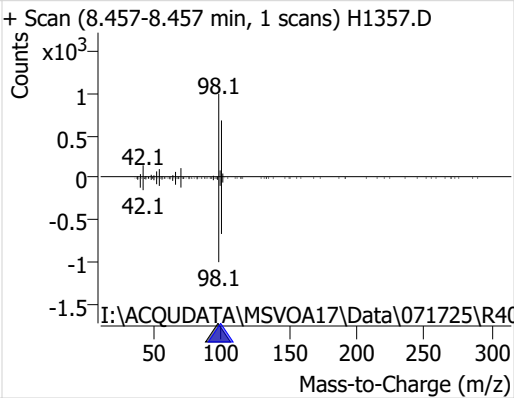




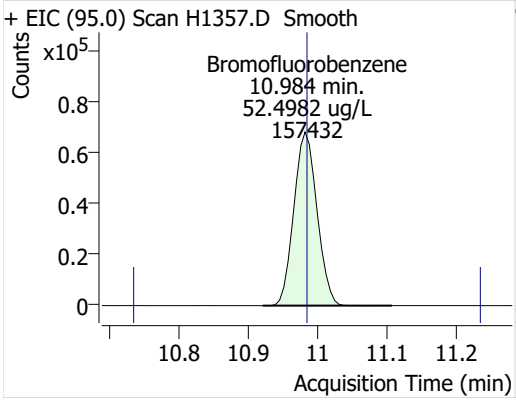
Toluene-d8

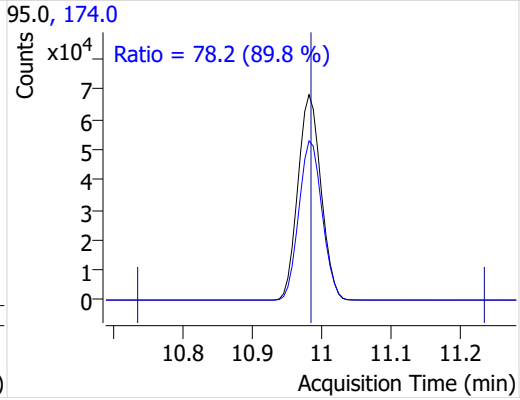


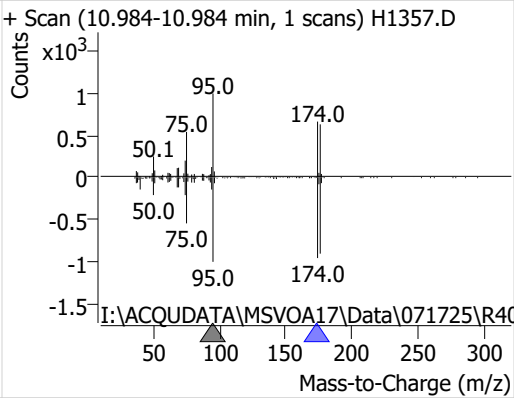




Bromofluorobenzene





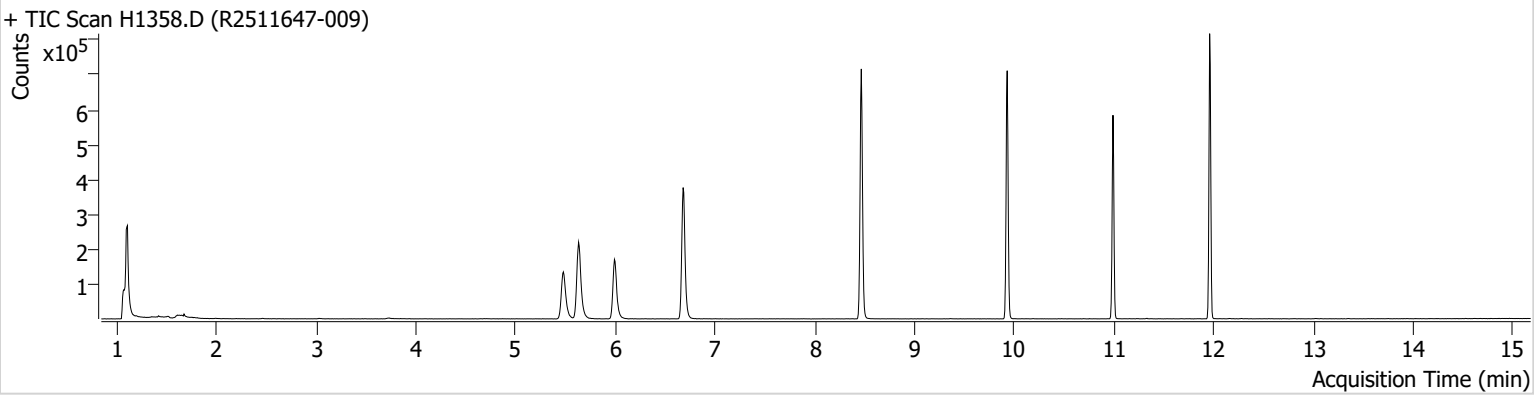


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1358.D

Acq. Date-Time	9/24/2025 3:21:01 PM	**Name**	R2511647-009
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.629	0.003	220461	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	371069	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	319327	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	161473	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	132179	55.2535	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	443676	47.9846	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	145190	55.8813	ug/L
1,1,2-dichloroethane-d4	65.0	0.898	0.000	5.988	0.000	166533	60.3132	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.437	0.000	2.459	0.002	1894	1.9213	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

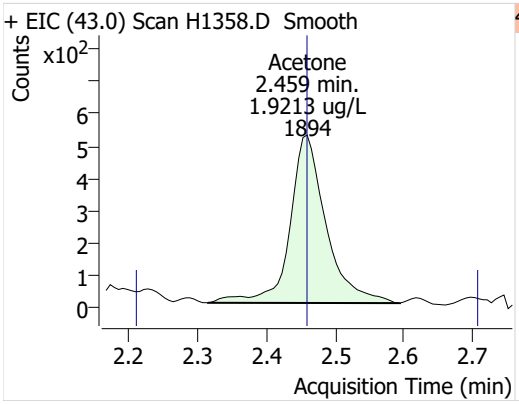
Masshunter Quantitative Analysis Sample Report

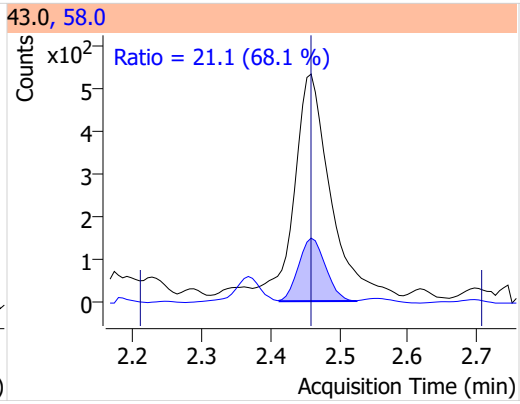
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.720	0.002	3576	0.8838	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000	0.977	0.001	5.501	0.009	1939	0.5680	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

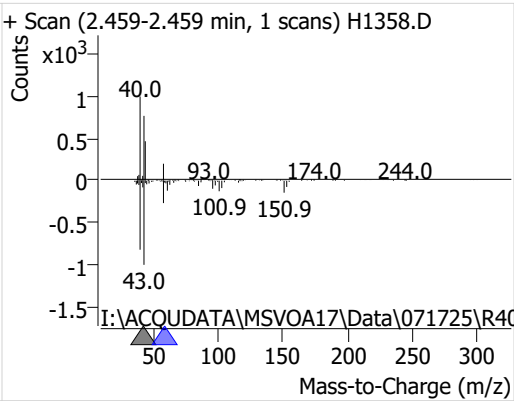
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

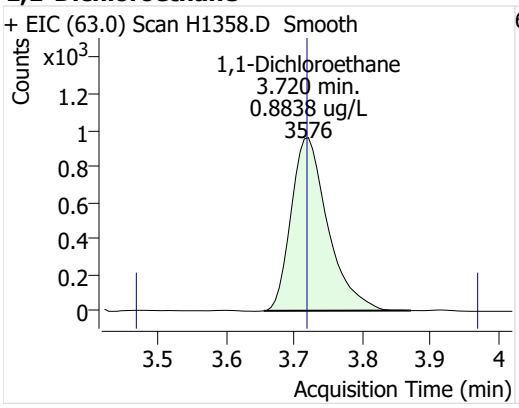
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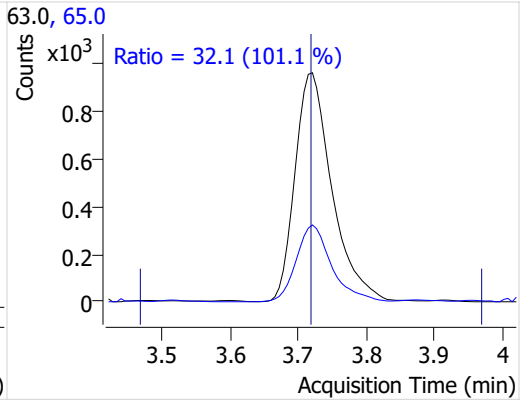


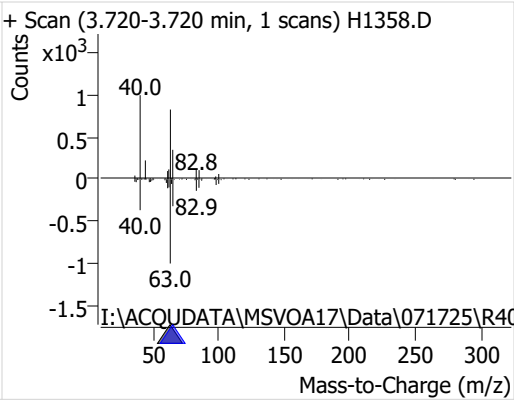




1,1-Dichloroethane

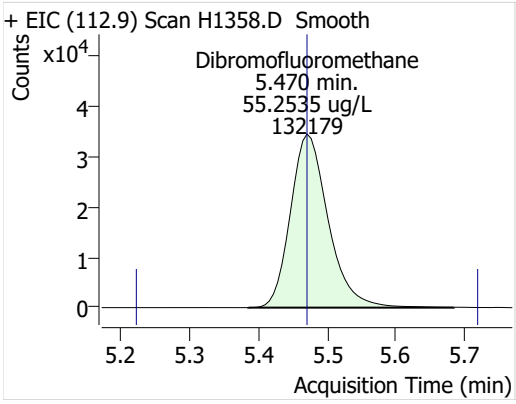


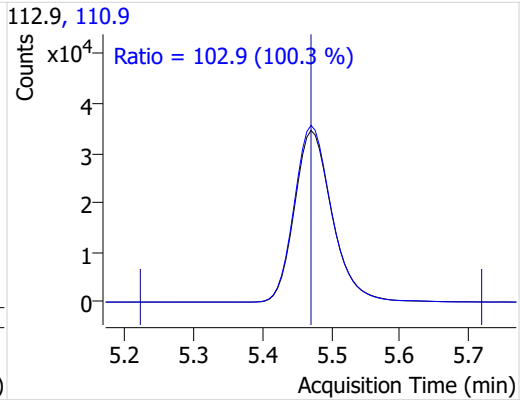


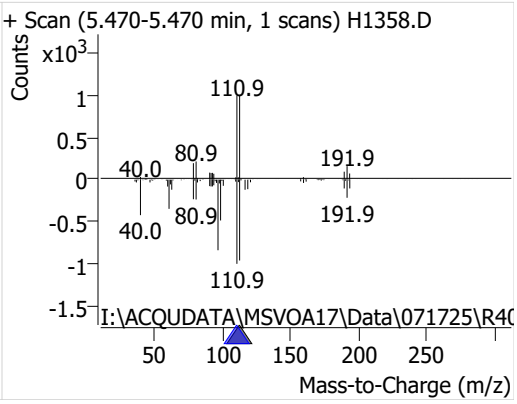


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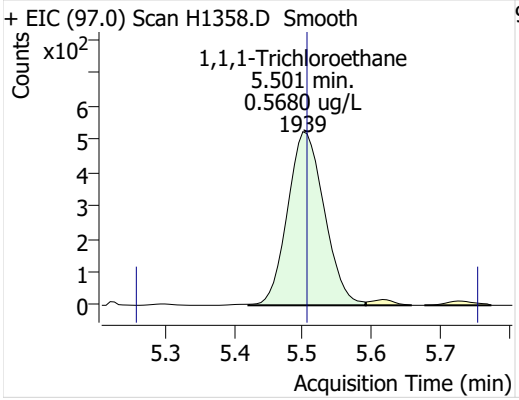
Dibromofluoromethane

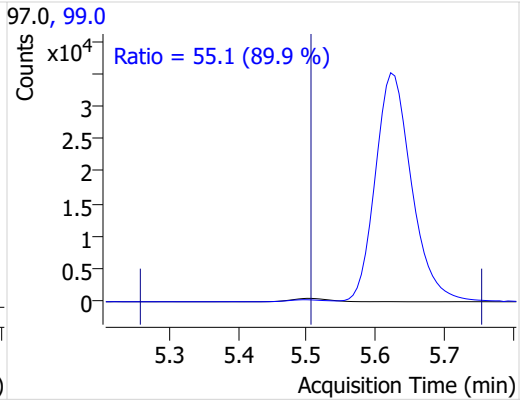


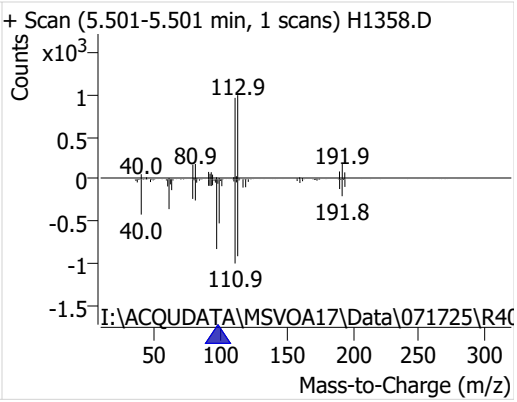




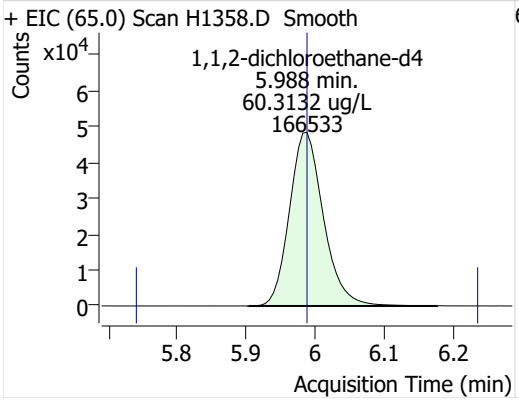
1,1,1-Trichloroethane

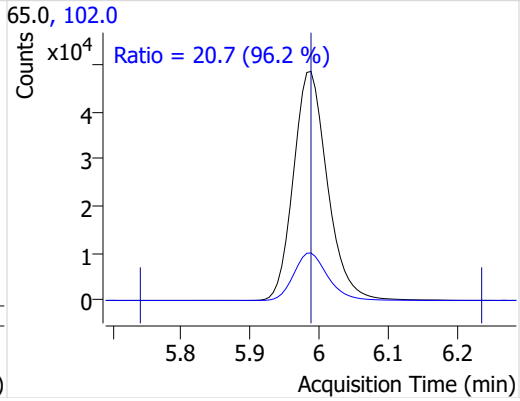


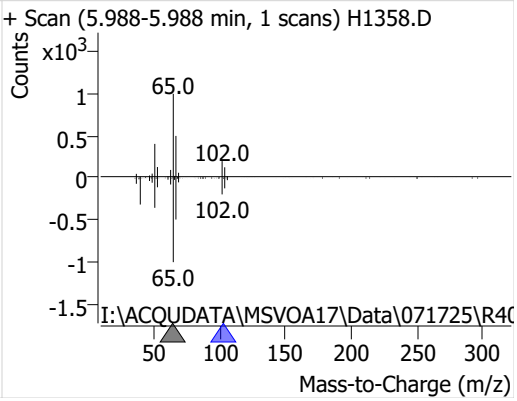




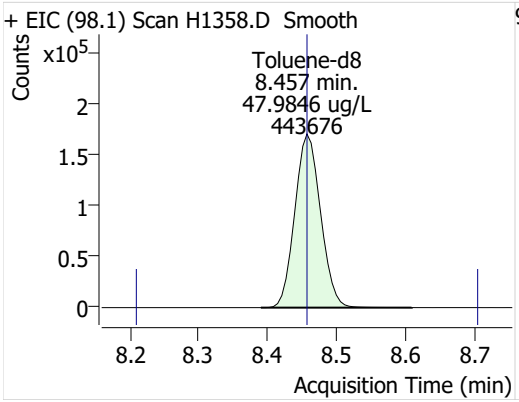
1,1,2-dichloroethane-d4

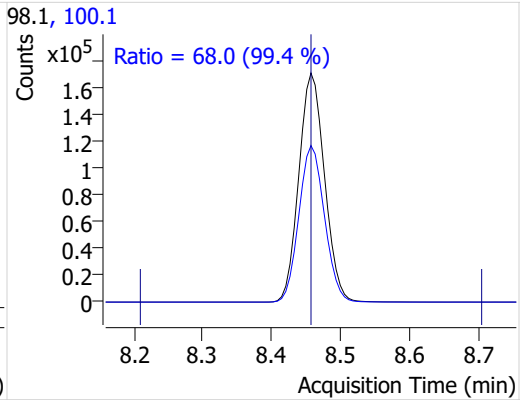


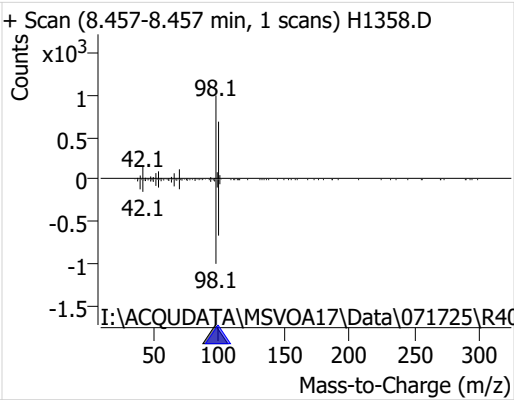




Toluene-d8

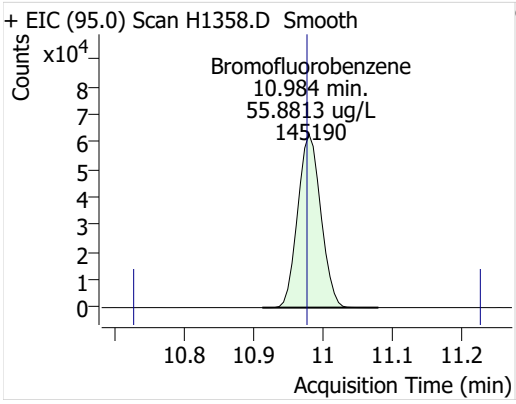


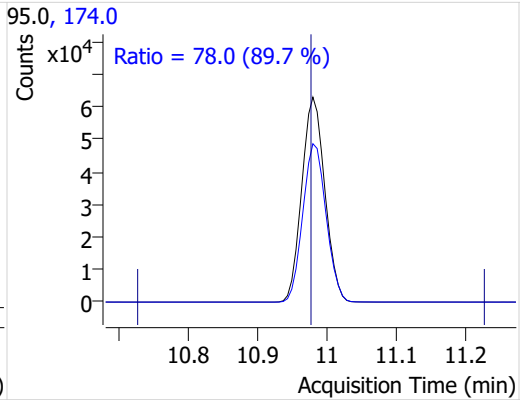


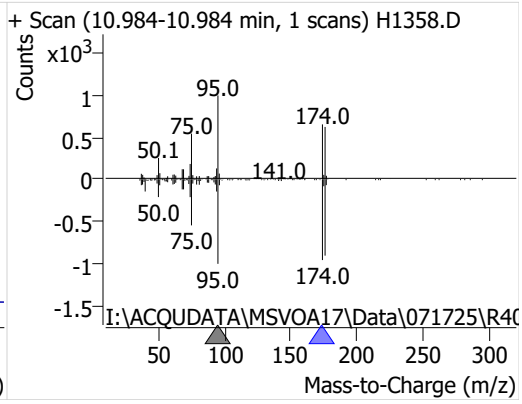


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Bromofluorobenzene





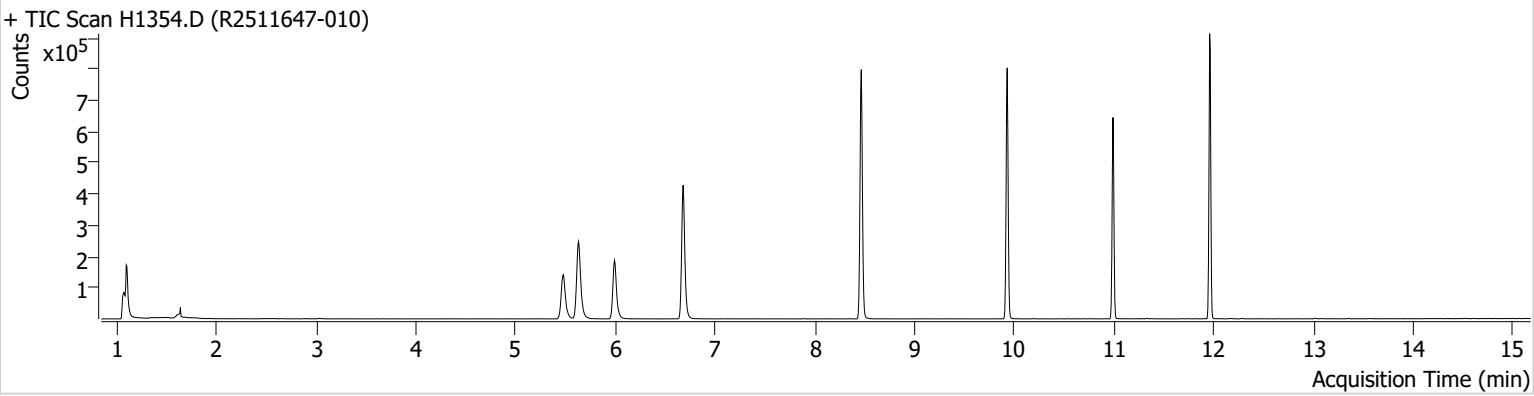


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1354.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	240472	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	402676	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	358426	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	181238	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	134225	51.7050	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	493088	49.1428	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	162001	55.5518	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	175782	58.6660	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.437	0.001	2.460	0.005	1156	1.0751	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

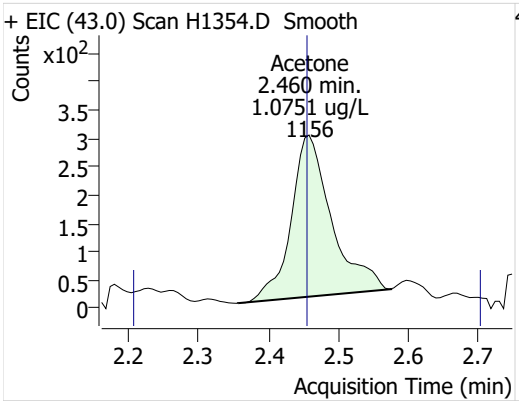
Masshunter Quantitative Analysis Sample Report

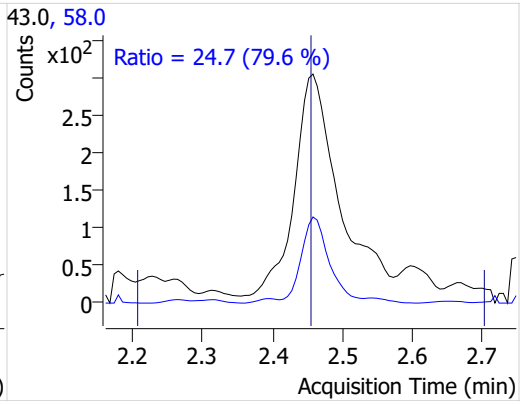
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

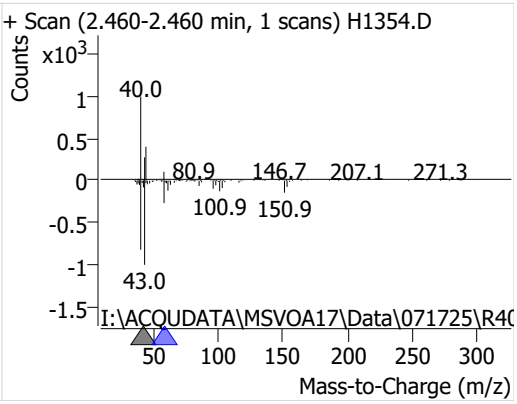
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

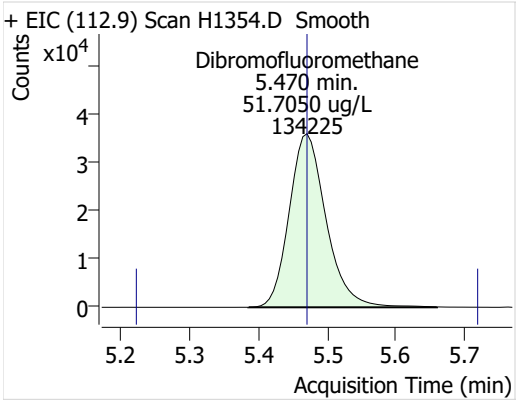
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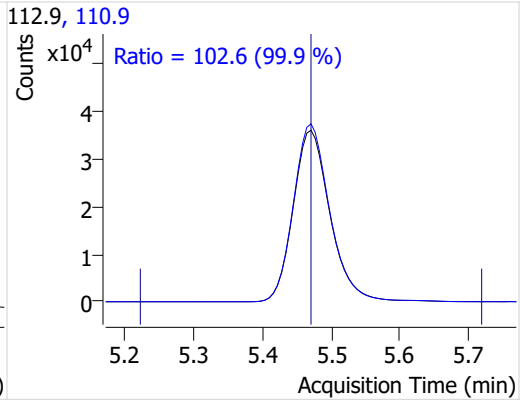


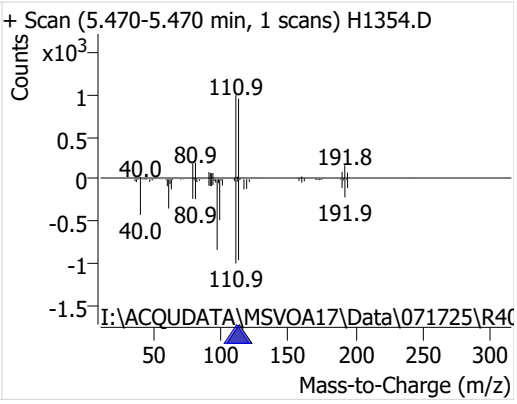




Dibromofluoromethane

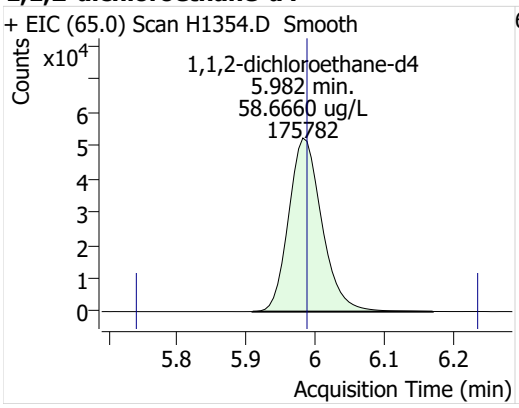


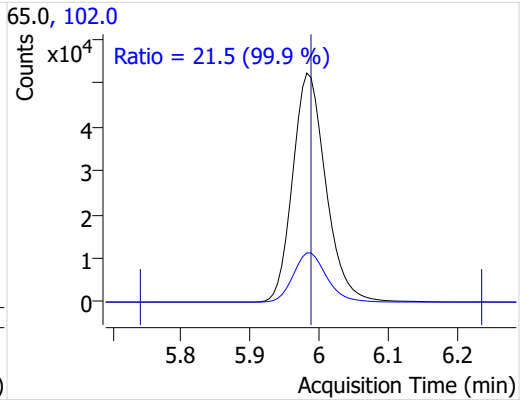


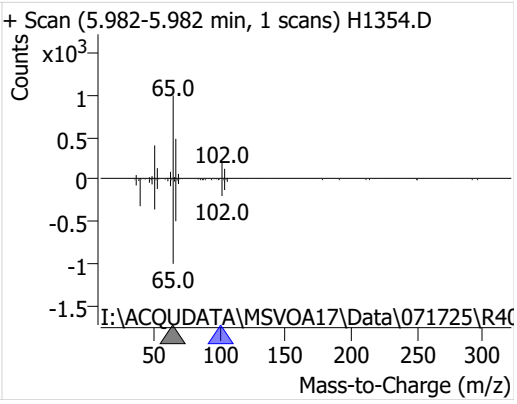


Masshunter Quantitative Analysis Sample Report

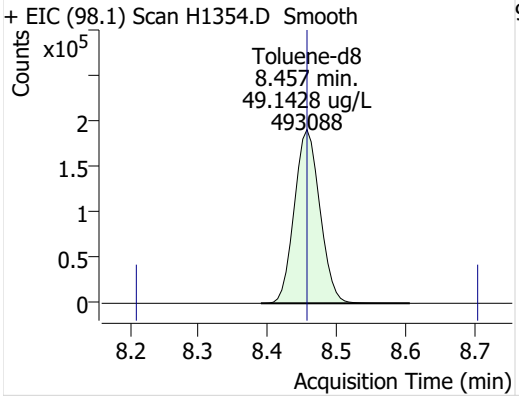
1,1,2-dichloroethane-d4

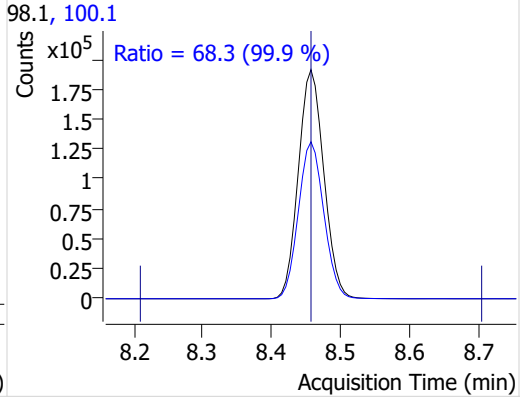


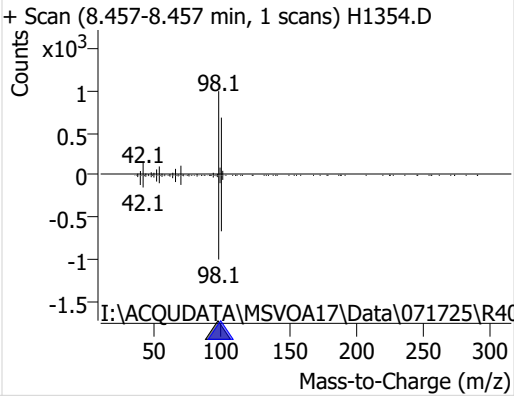




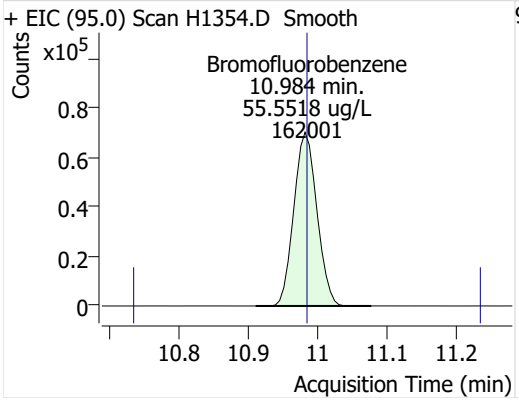
Toluene-d8

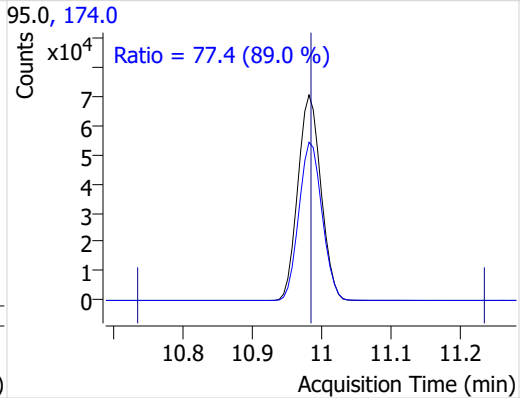


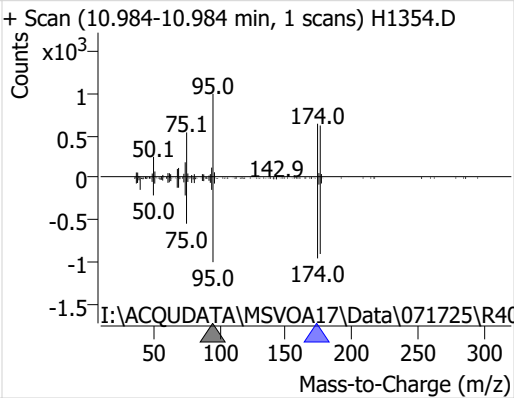




Bromofluorobenzene





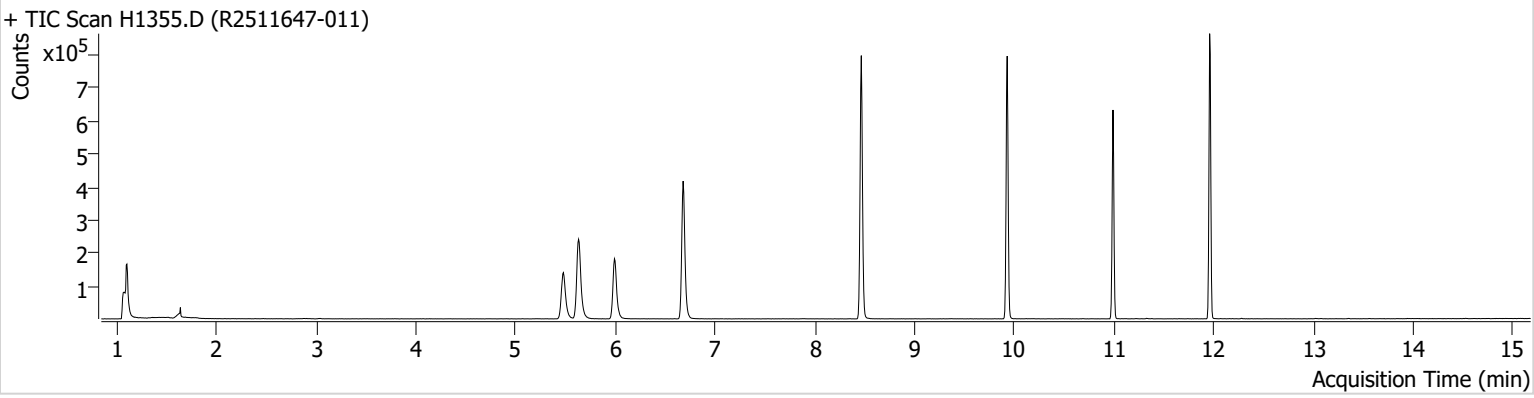


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1355.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	240222	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	399402	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	352580	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	175193	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	132838	51.5898	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	487433	48.9775	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	155154	55.0395	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	172272	57.9659	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

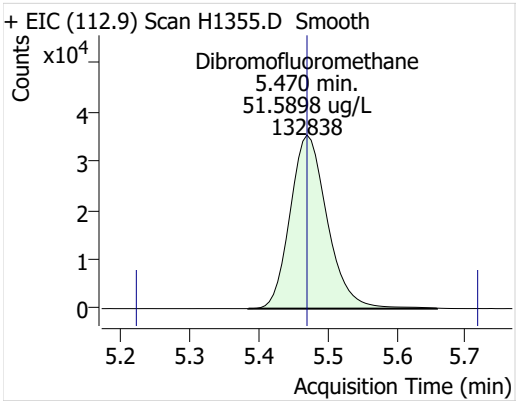
Masshunter Quantitative Analysis Sample Report

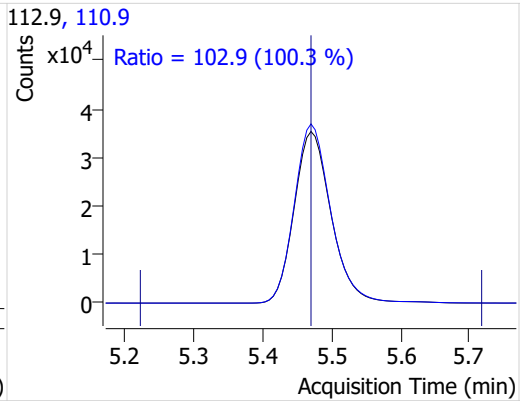
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

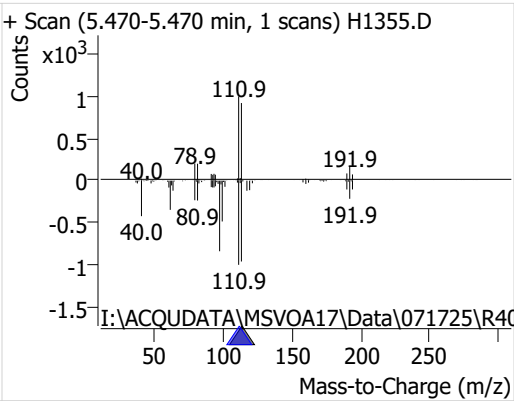
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

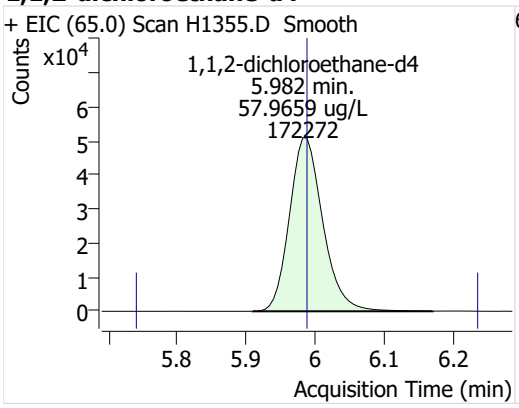
Dibromofluoromethane

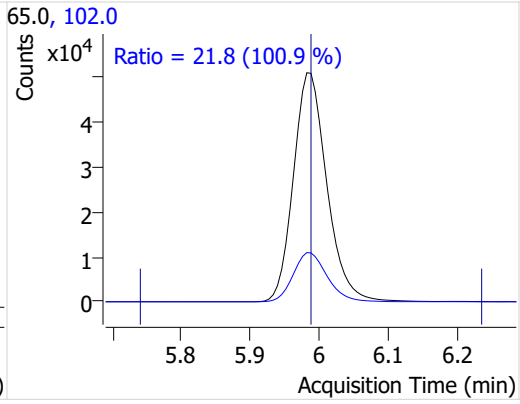


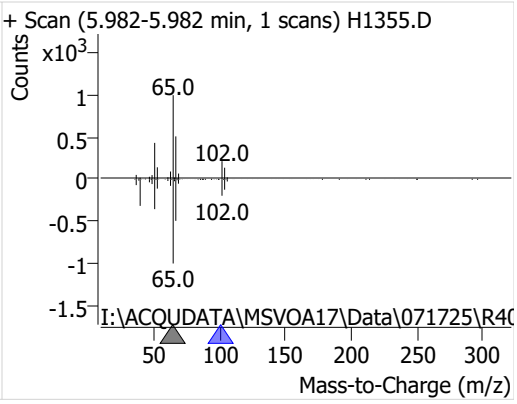




1,1,2-dichloroethane-d4

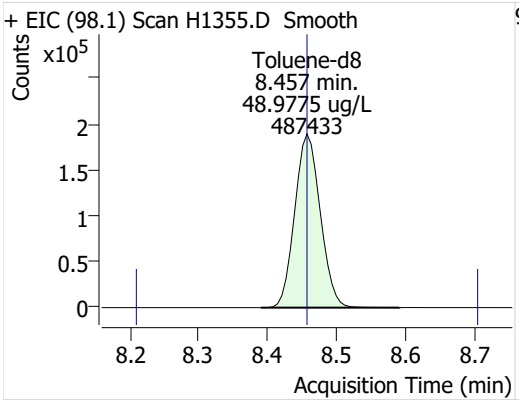


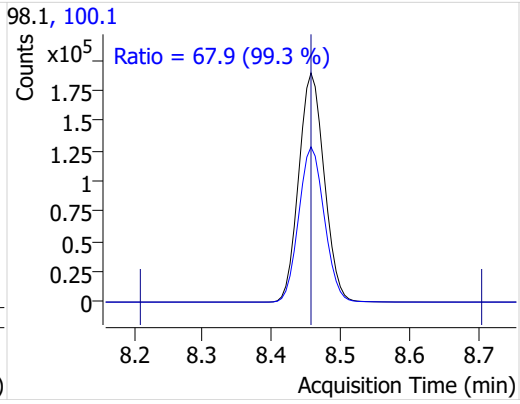


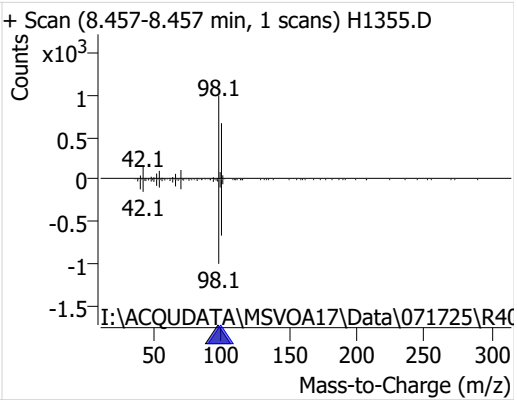


Masshunter Quantitative Analysis Sample Report

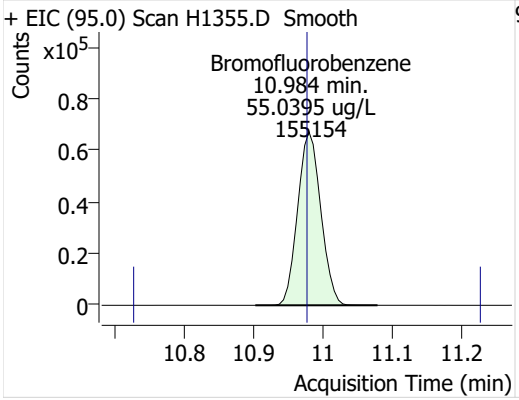
Toluene-d8

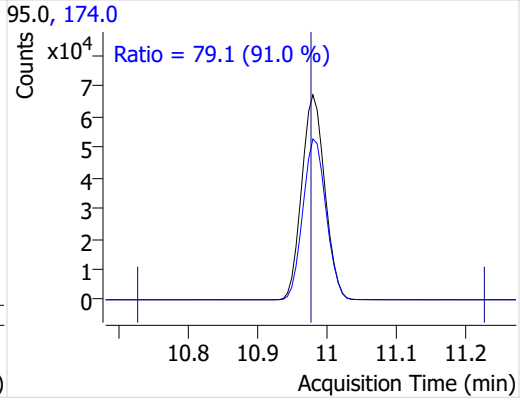


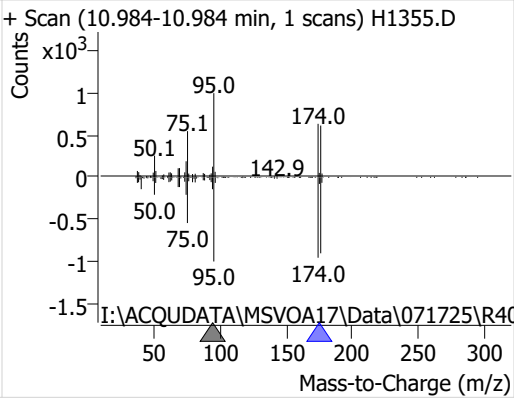




Bromofluorobenzene





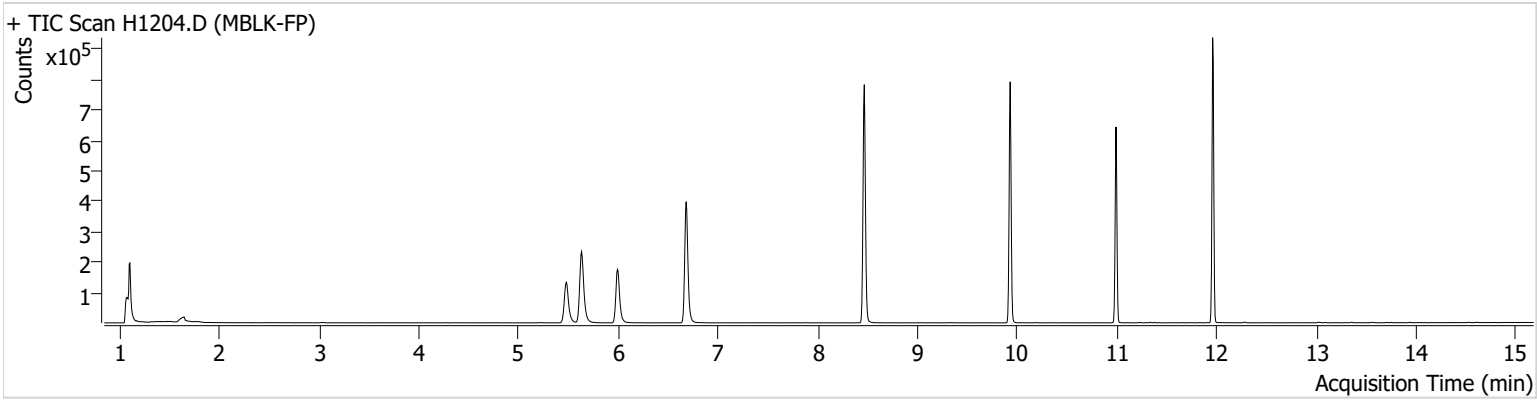


Masshunter Quantitative Analysis Sample Report

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H1204.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	227846	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	386984	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	349412	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	183718	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	125586	50.3387	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	487660	50.5725	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	159865	54.0795	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	168670	58.5747	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

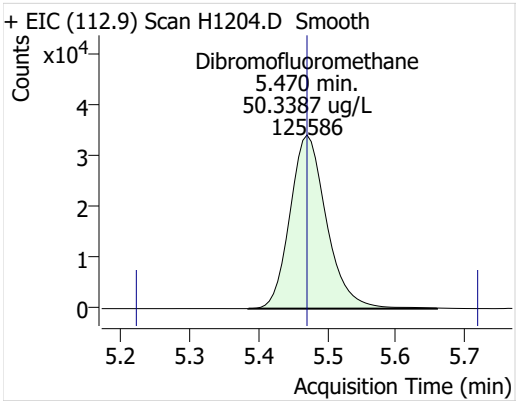
Masshunter Quantitative Analysis Sample Report

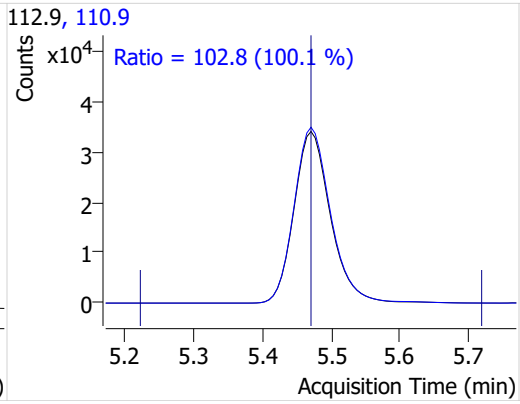
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

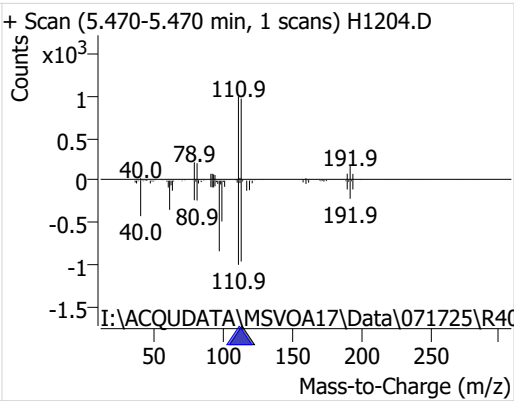
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	1072	0.2172	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

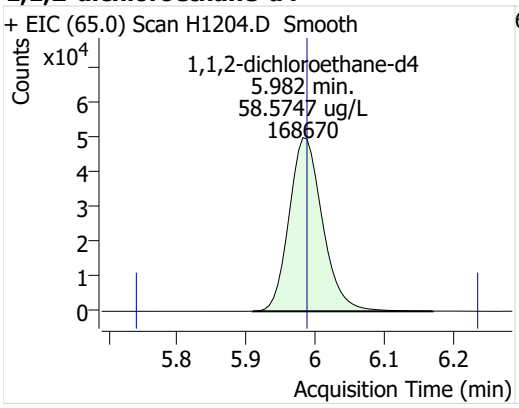
Dibromofluoromethane

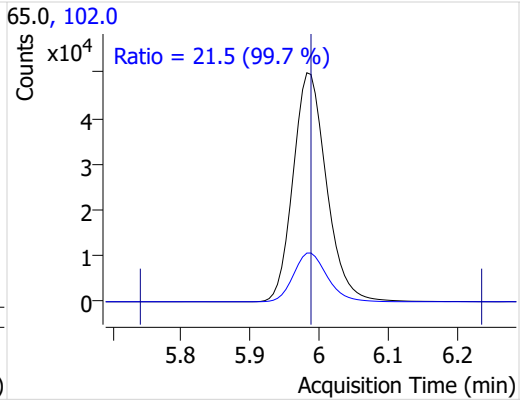


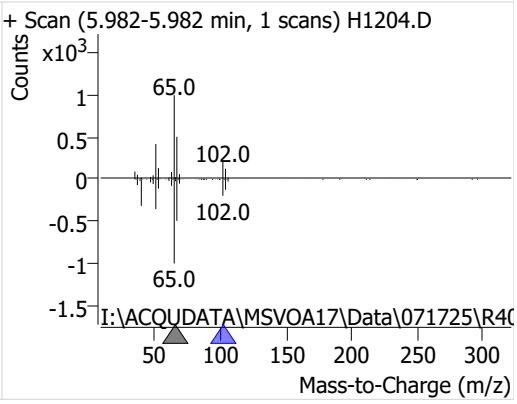




1,1,2-dichloroethane-d4

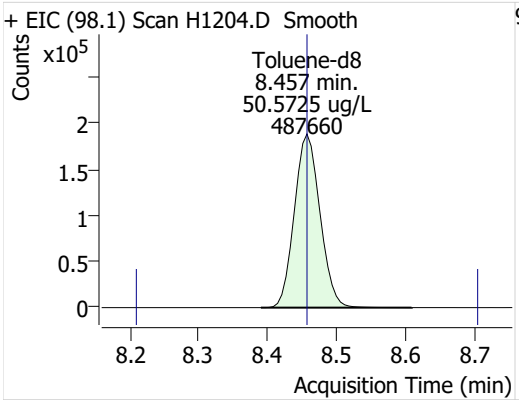


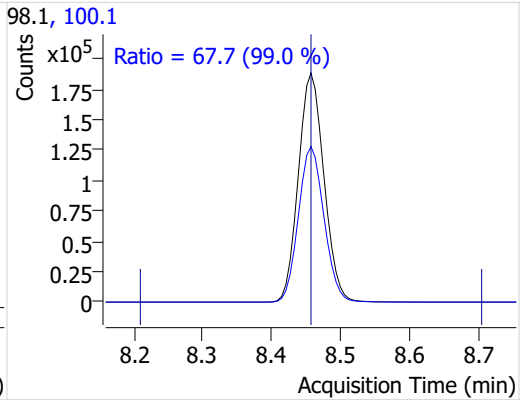


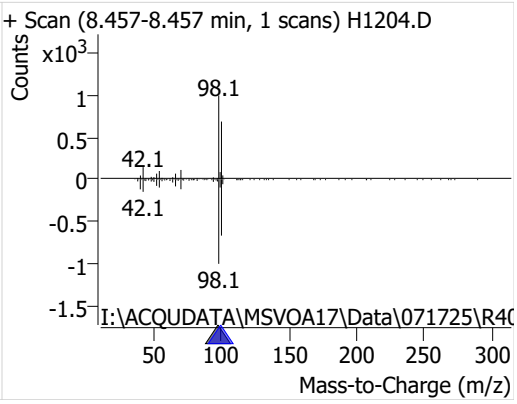


Masshunter Quantitative Analysis Sample Report

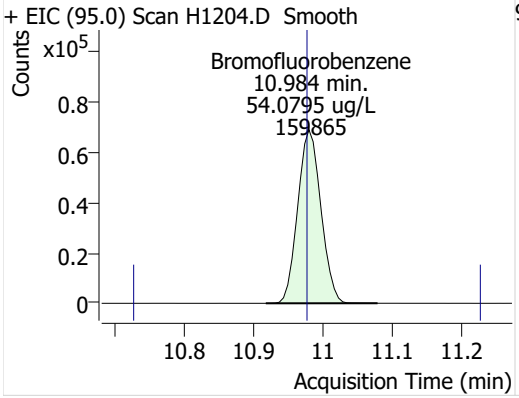
Toluene-d8

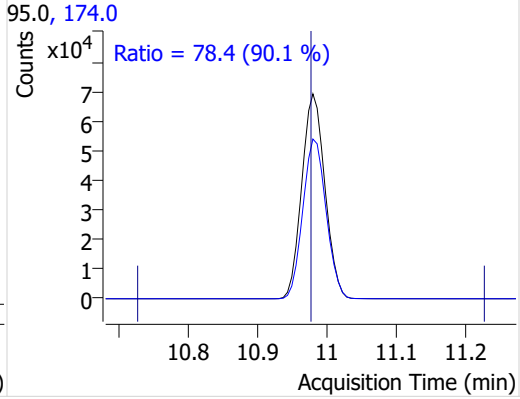


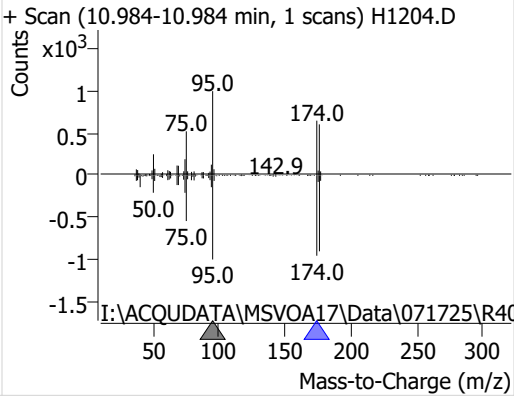




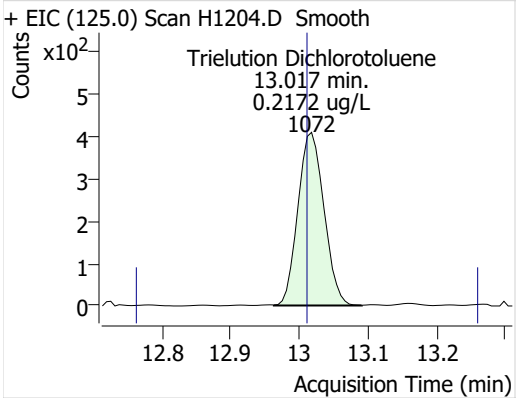
Bromofluorobenzene

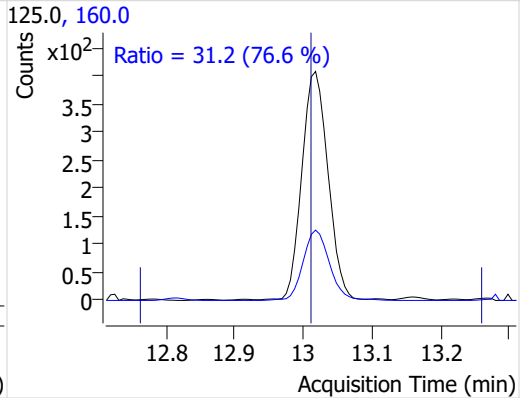


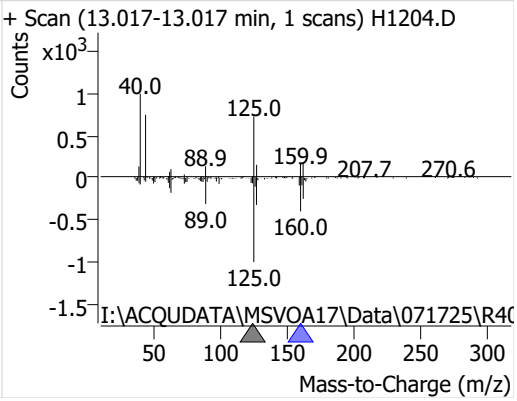




Trielution Dichlorotoluene





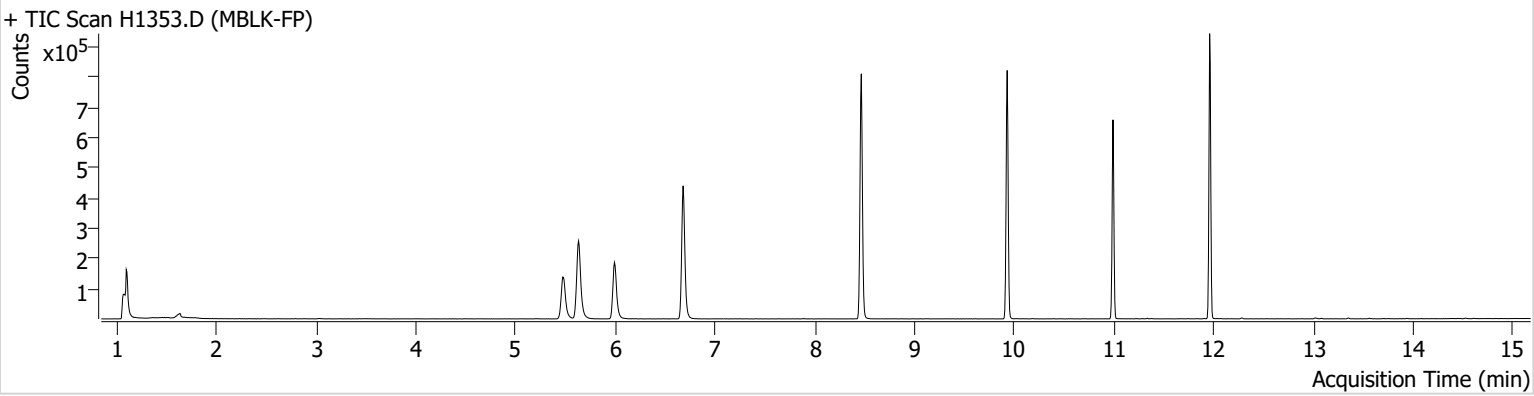


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1353.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	249098	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	418050	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	368894	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	188365	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	133708	49.6114	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	499048	47.9076	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	161932	53.4272	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	178039	57.2339	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

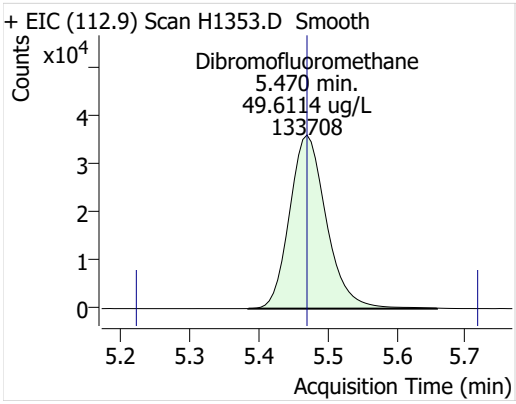
Masshunter Quantitative Analysis Sample Report

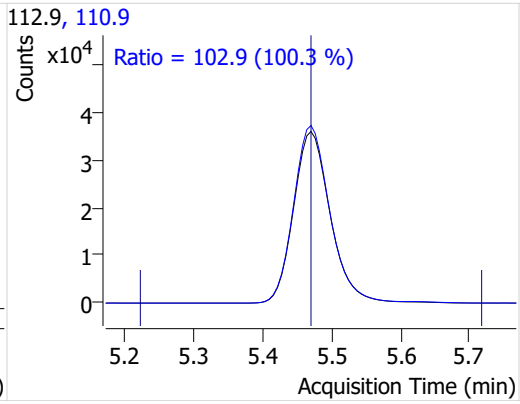
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

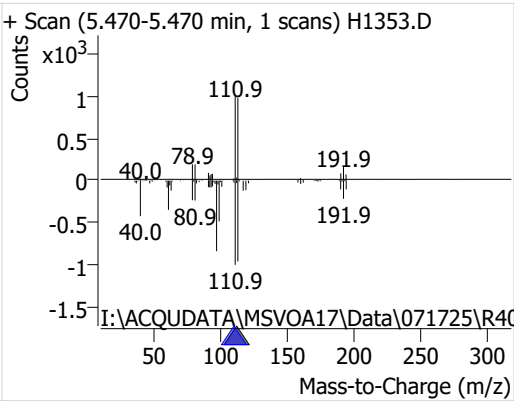
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.011	0.001	1356	0.2680	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

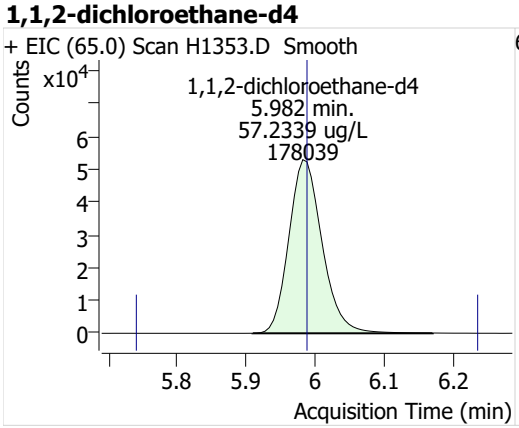
Dibromofluoromethane

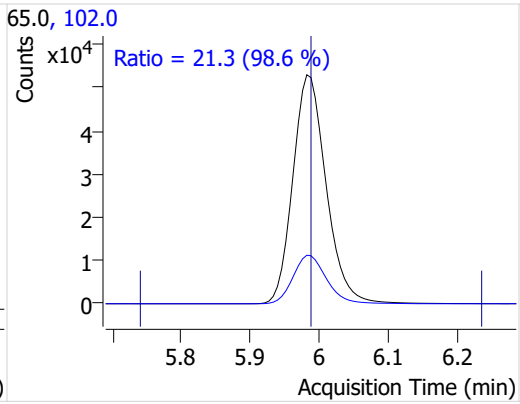


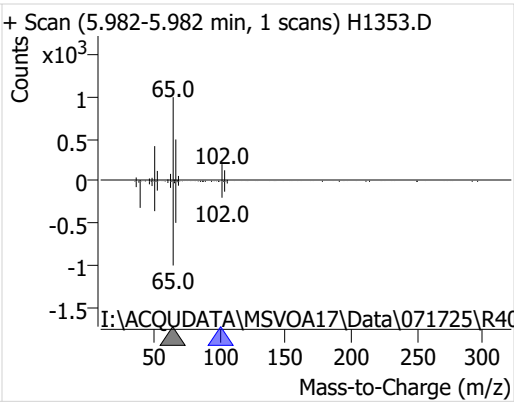




1,1,2-dichloroethane-d4

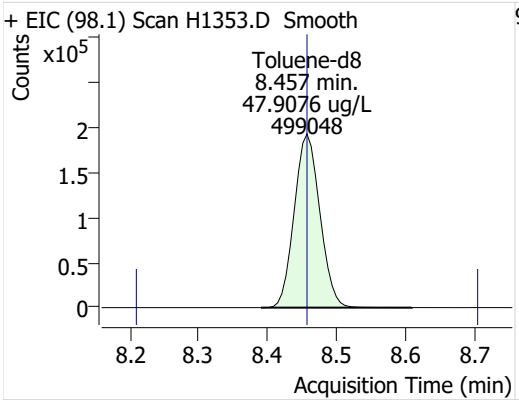


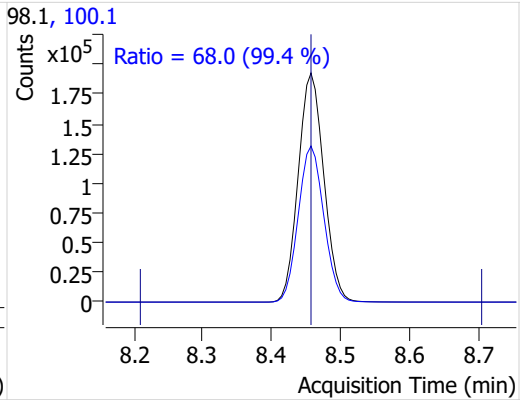


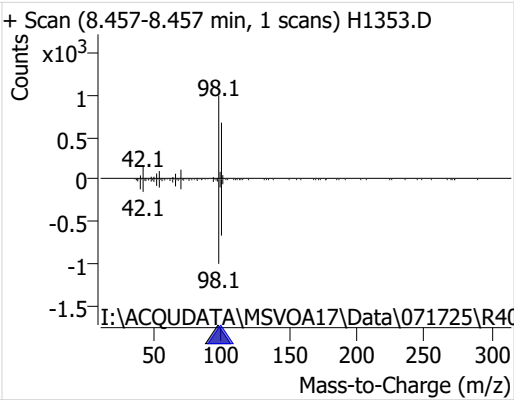


Masshunter Quantitative Analysis Sample Report

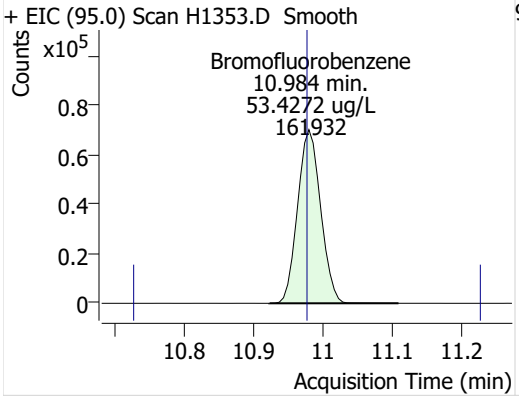
Toluene-d8

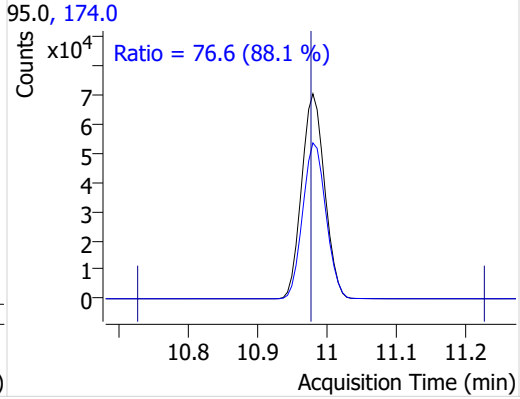


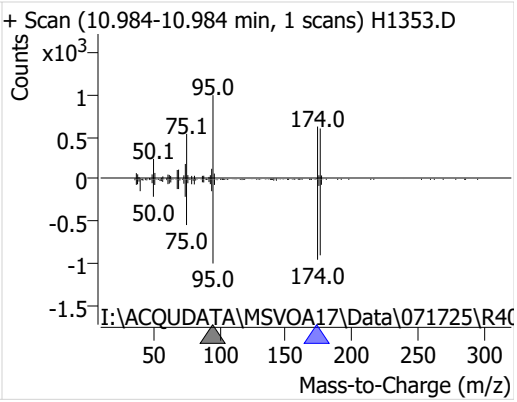




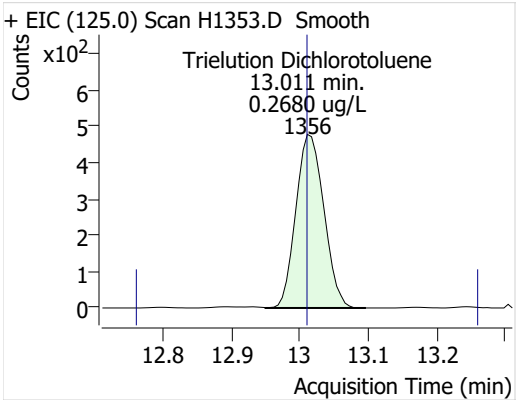
Bromofluorobenzene

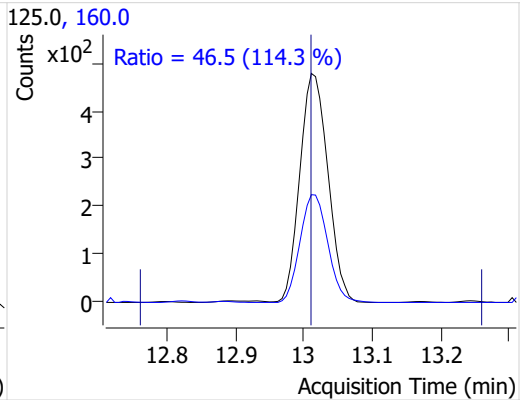


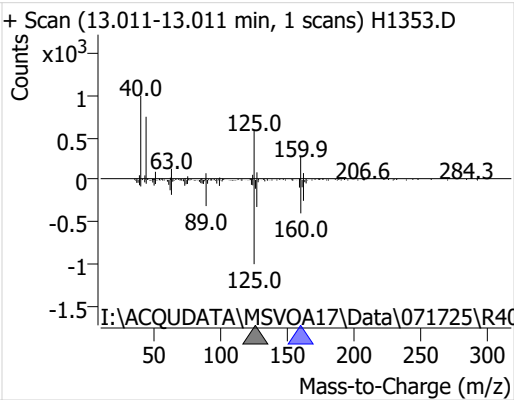




Trielution Dichlorotoluene





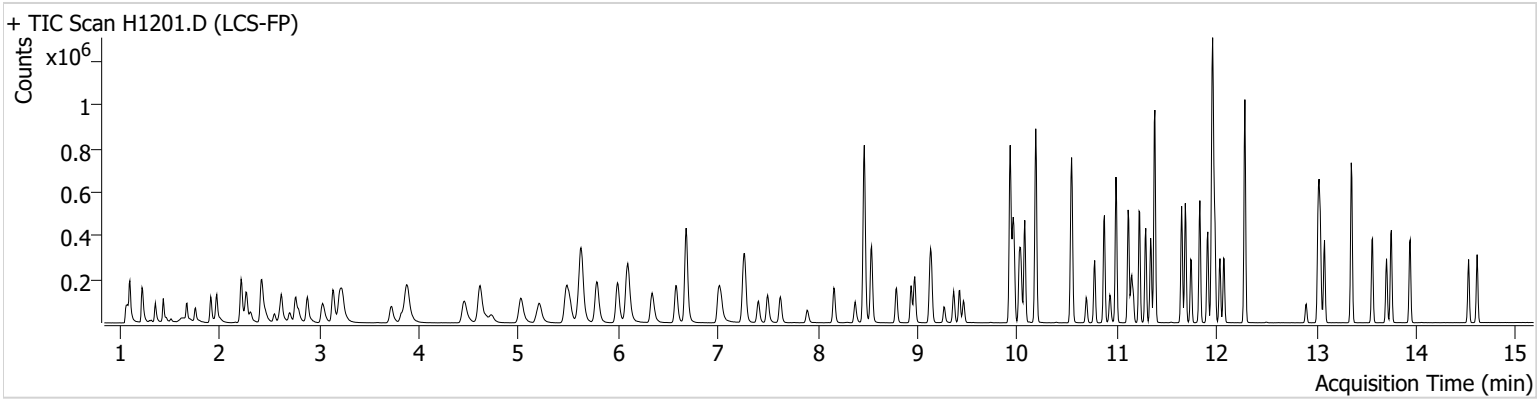


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1201.D

Acq. Date-Time	9/20/2025 11:16:40 AM	**Name**	LCS-FP
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	255736	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	422611	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	359059	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	202690	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	135853	49.8632	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	514034	48.8138	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	168594	51.6939	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	177177	56.3422	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	86694	27.6551	ug/L
Chlorodifluoromethane	51.000	0.218	0.001	1.227	0.003	79324	25.4768	ug/L
Chloromethane	50.100	0.241	0.000	1.353	0.002	73814	25.8761	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	83128	24.8888	ug/L
Bromomethane	94.000	0.297	0.000	1.668	0.003	48323	18.8053	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	50709	20.7213	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.000	106090	21.0638	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	103789	22.7576	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.000	54359	19.9992	ug/L
Diethyl Ether	59.000	0.394	0.000	2.217	0.001	50298	21.4901	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.000	84067	20.5697	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.001	26257	159.3437	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	93738	22.6483	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.000	57392	20.1606	ug/L
Acetone	43.000	0.437	0.000	2.458	0.002	24914	21.7826	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.000	49119	15.6867	ug/L
2-Propanol	45.000	0.464	0.000	2.606	0.000	78051	465.7903	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	135015	19.4736	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	131361 LT	141.1039	ug/L
Methyl Acetate	43.000	0.496	0.000	2.788	0.002	57595	25.3853	ug/L

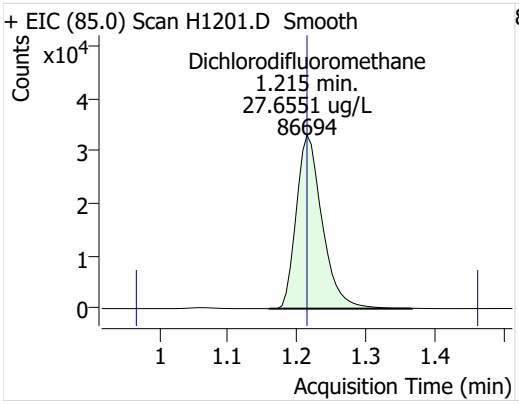
Masshunter Quantitative Analysis Sample Report

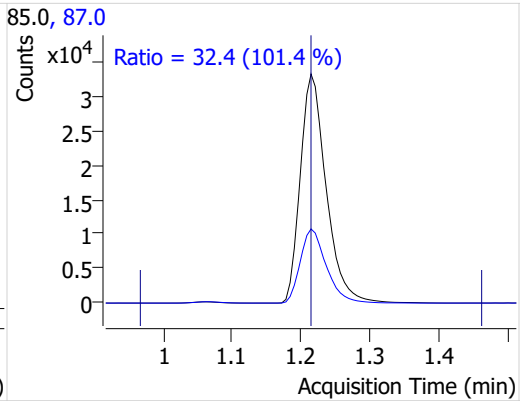
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	58553	21.0708	ug/L
TBA	59.000	0.539	0.001	3.032	0.006	121941	471.4660	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	150226	127.6959	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	79318	21.6537	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	164678	21.5155	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	108614	23.1434	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.822	0.000	75165	18.9797	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.000	47023	21.3352	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	169993	21.2065	ug/L
ETBE	59.000	0.792	0.000	4.451	0.001	151561	20.2044	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	66999	22.8881	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.611	0.000	76845	21.9176	ug/L
2-Butanone	43.000	0.832	0.001	4.677	0.003	32989	22.9197	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	57133	126.3697	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	41342	20.1032	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.022	0.002	27348	23.2227	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.176	0.006	21694	24.8471	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	104806	21.7121	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	87693	22.1421	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	87351	21.7202	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.777	0.001	76308	21.1168	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	75661	22.5068	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	225735	22.3184	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	88711	22.6792	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.098	0.001	49218	546.3105	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	134370	19.3028	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	89404	26.5670	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	63632	20.4685	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	73695	1058.7321	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	82732	22.5616	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	62634	22.5192	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	39213	19.7530	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	17700	432.3743	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	42223	22.1317	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	79305	21.5032	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.001	42067	50.1276	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.003	82760	22.5614	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.369	0.000	64030	23.8179	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	247330	22.3448	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	75771	23.5104	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	74320	22.1020	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	57309	22.4657	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	58409	21.5452	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	98230	23.6627	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	23845	23.5059	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	64384	22.2587	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.415	0.000	95842	24.7308	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	57613	23.9067	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	160352	21.3200	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	71006	18.1273	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	66306	17.8470	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	57734	22.0479	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	271166	23.3142	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	423117	48.2931	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	211953	22.6575	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	177899	22.6304	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	41072	23.2136	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	70095	17.8721	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	265015	25.0834	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	46033	110.5210	ug/L

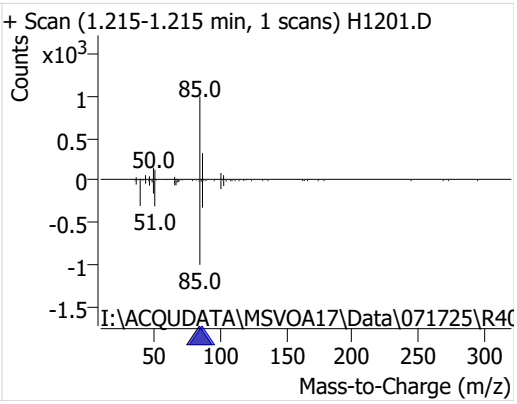
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	77185	23.9846	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.000	67894	21.1949	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	95525	24.0162	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	21643	26.0868	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	320894	24.9586	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.000	184387	23.8429	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	149463	19.1919	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	233043	23.7680	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	253019	24.0532	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	228993	23.6919	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	234898	24.4548	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	53056	18.6353	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	300263	24.2899	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	131529	21.5573	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	270630	25.3542	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	134534	20.9302	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.001	46350	17.6403	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	54576	18.0490	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	130277	21.8551	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	246038	25.6354	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	17457	21.7881	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	321248	58.9897	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	87121	18.8300	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.345	0.000	233730	39.8701	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	91206	21.1564	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	37526	23.3799	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	270540	24.6581	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	87168	20.9654	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	58374	18.9591	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	56760	20.6717	ug/L

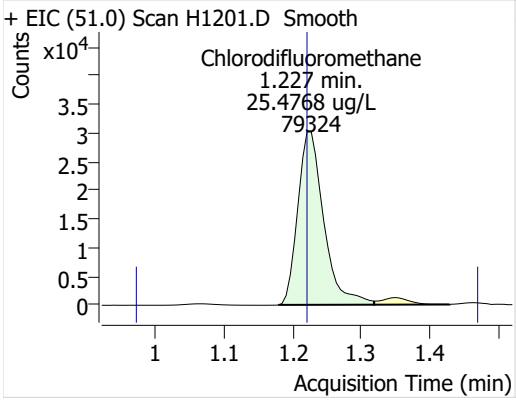
Dichlorodifluoromethane

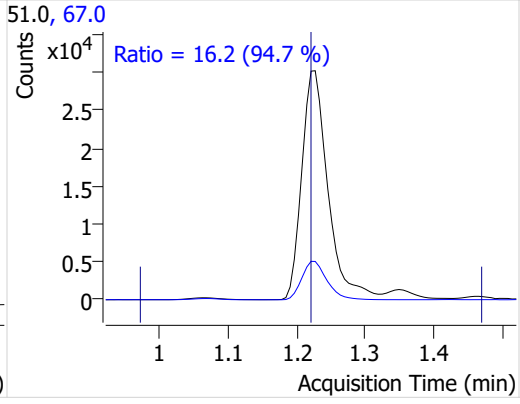


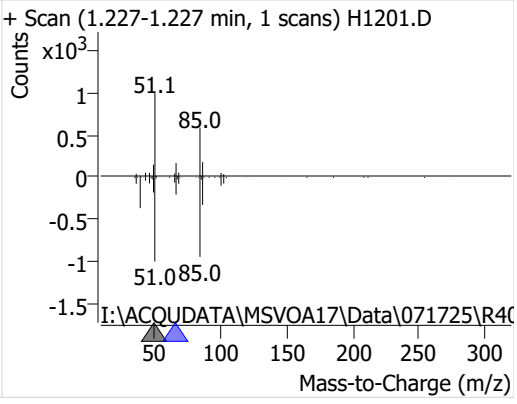




Chlorodifluoromethane

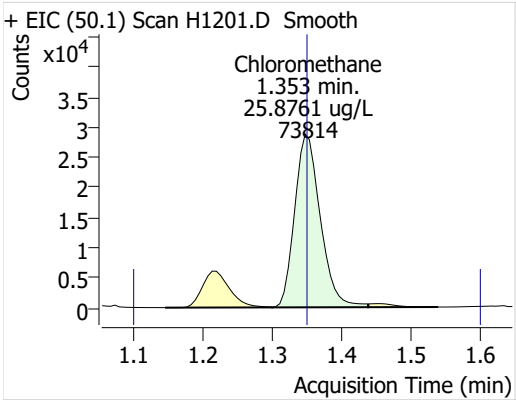


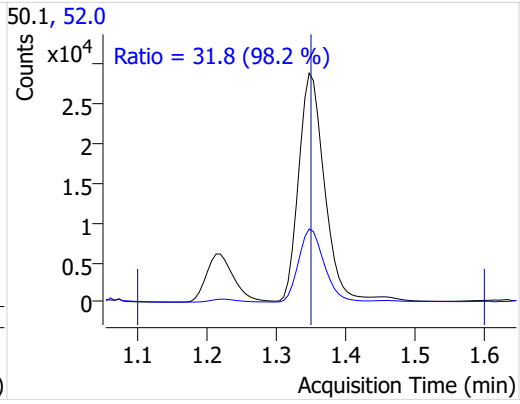


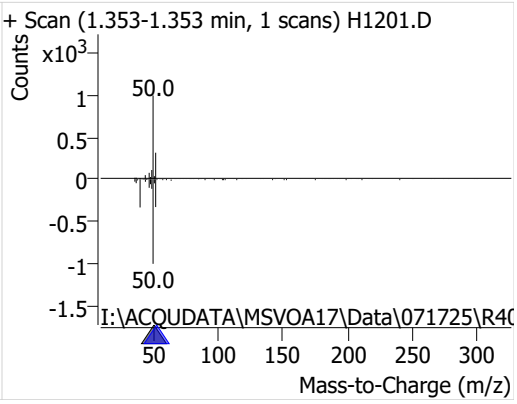


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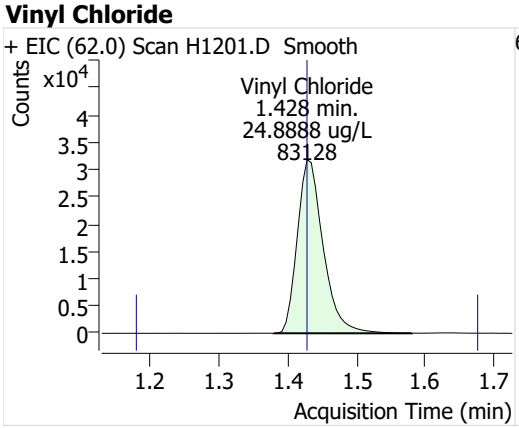
Chloromethane

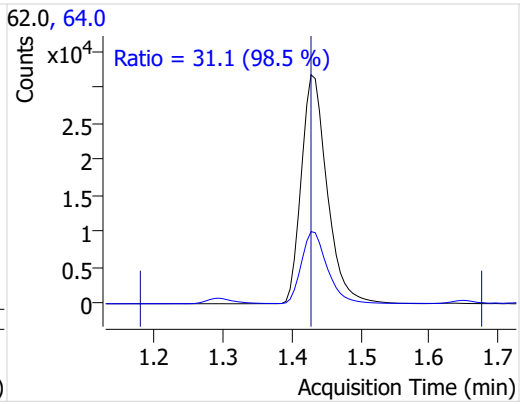


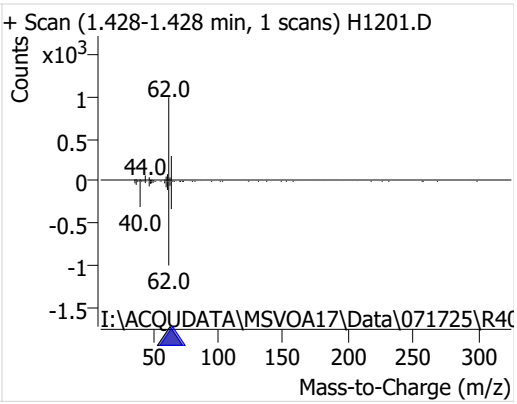




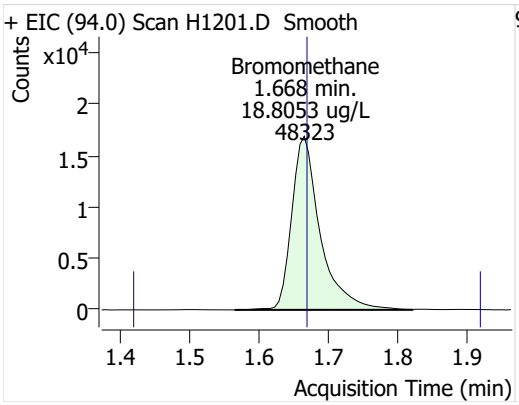
Vinyl Chloride

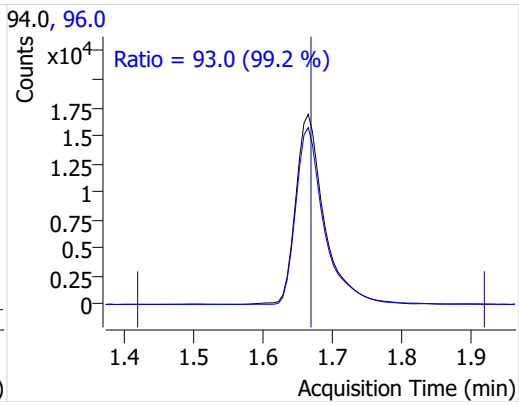


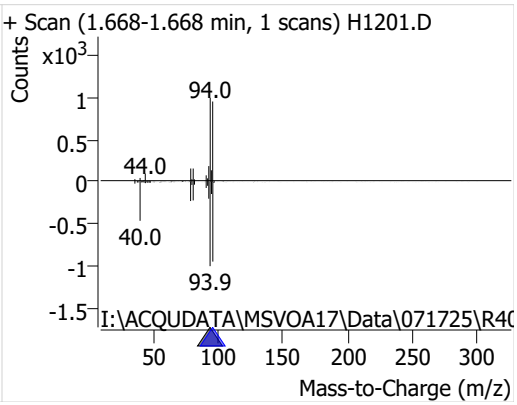




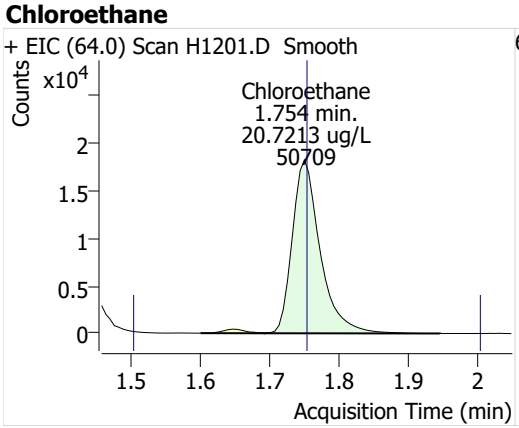
Bromomethane

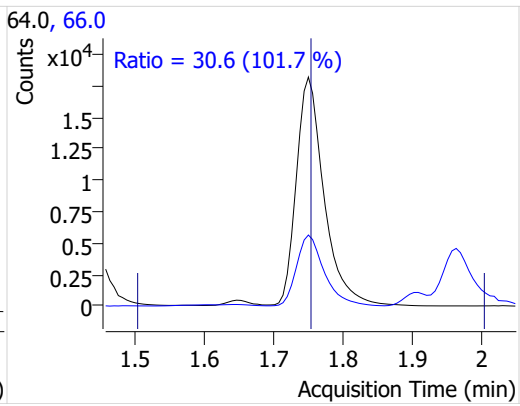


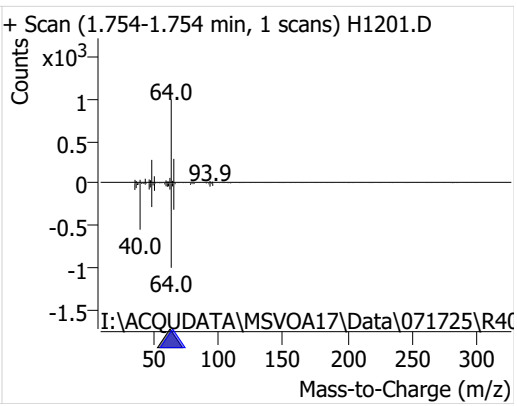




Chloroethane

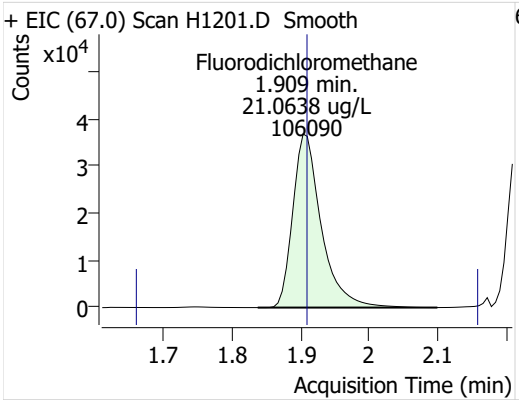


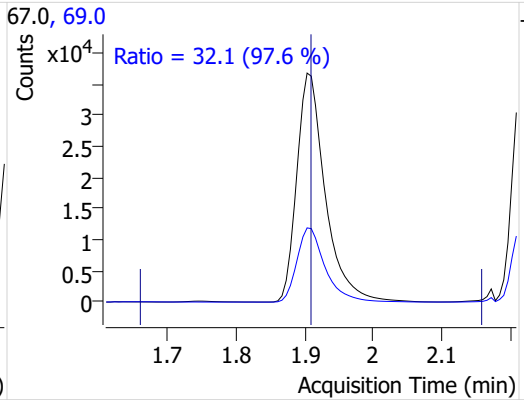


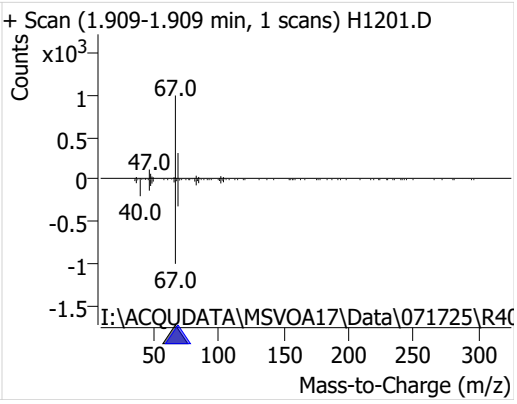


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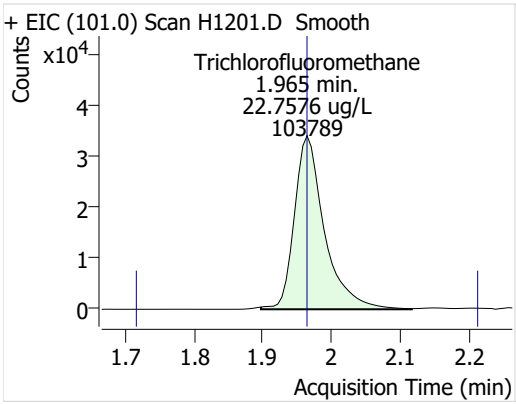
Fluorodichloromethane

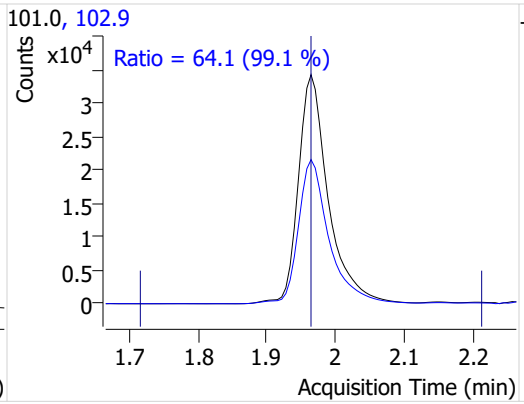


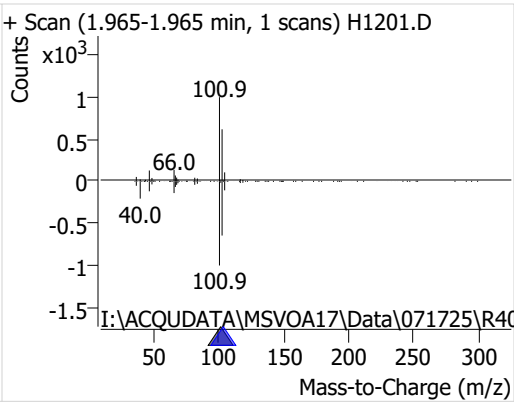




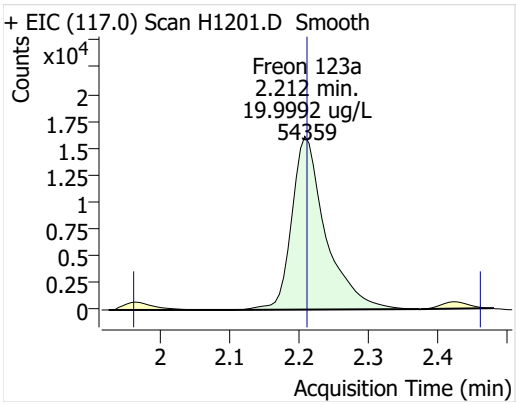
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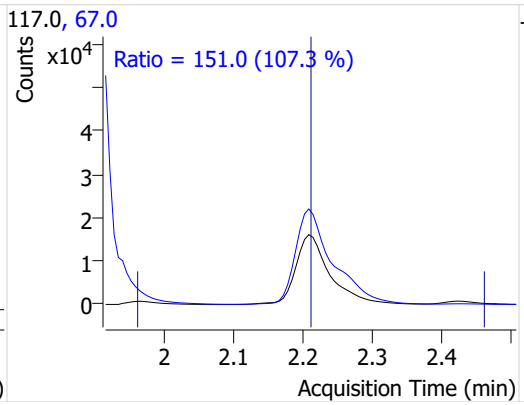


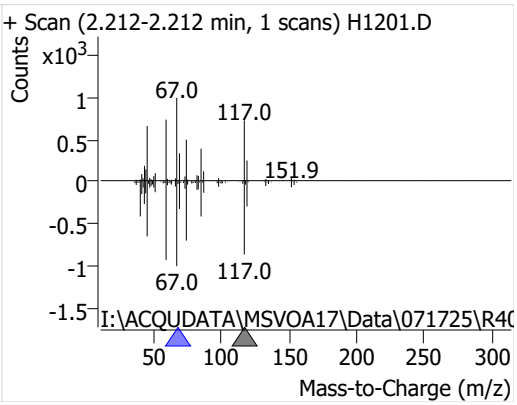




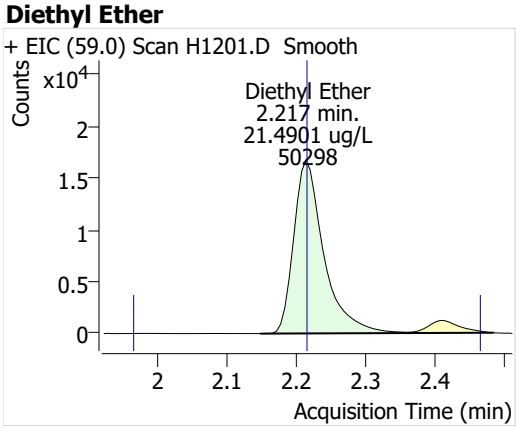
Freon 123a

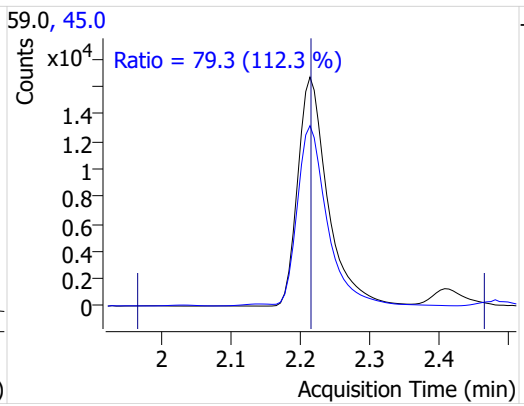


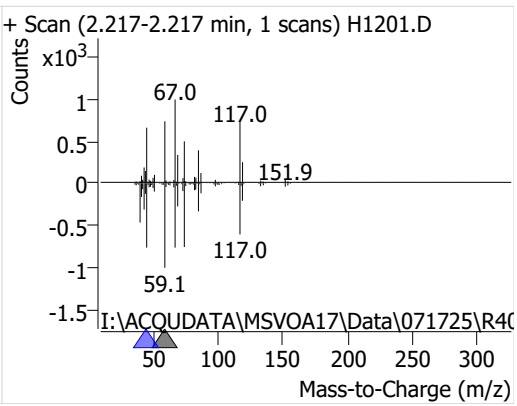




Diethyl Ether

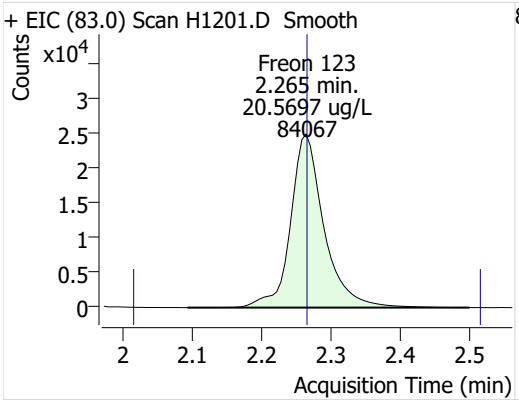


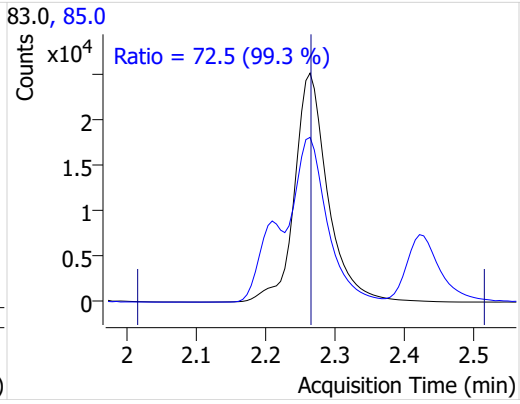


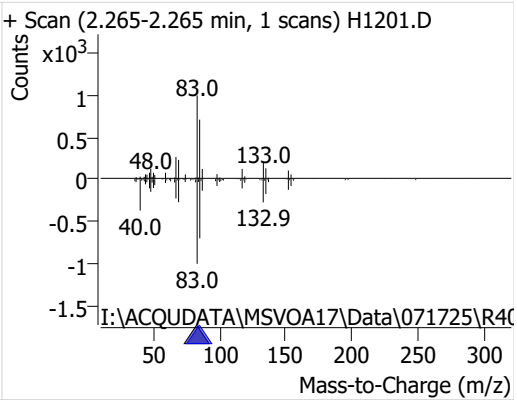


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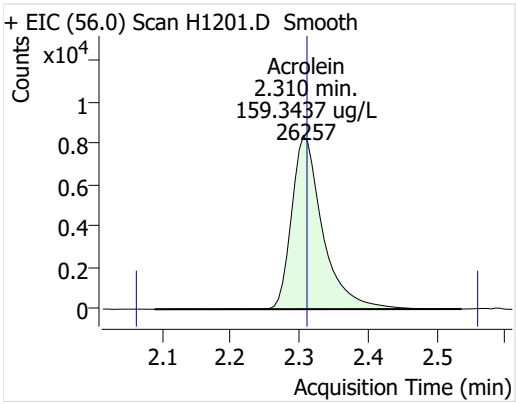
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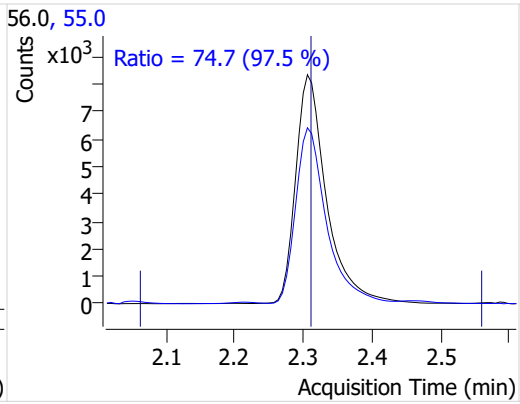


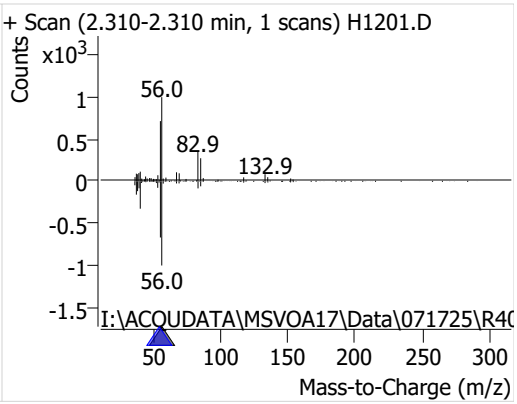




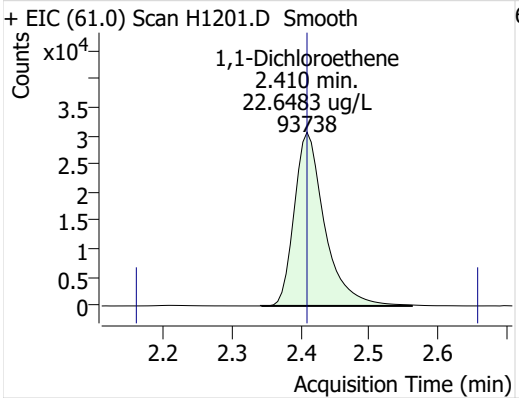
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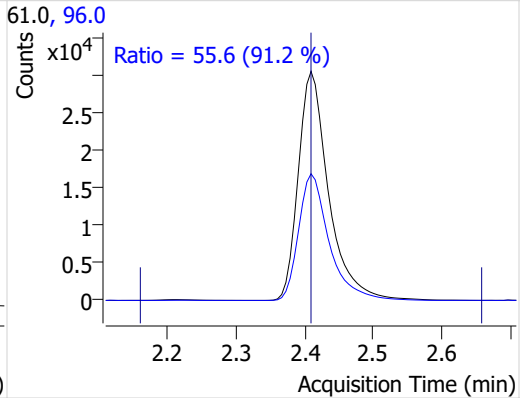


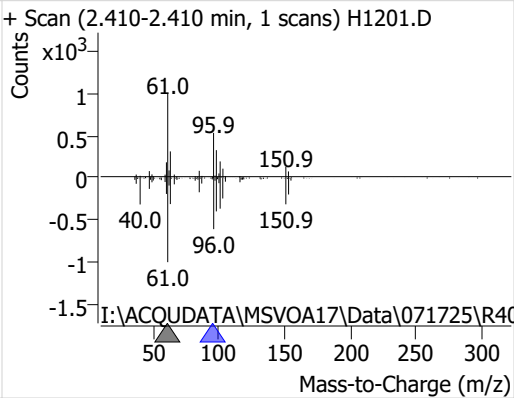




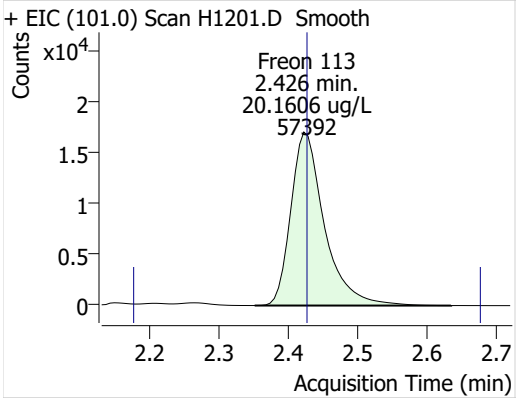
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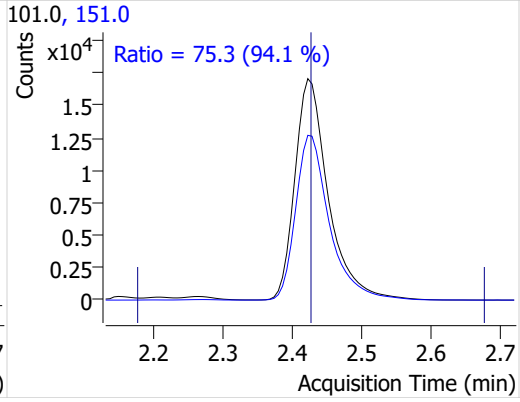


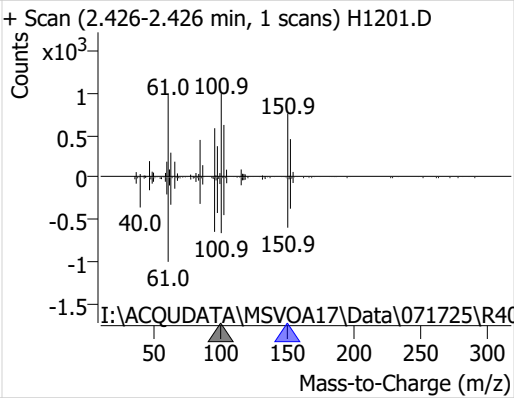




Freon 113

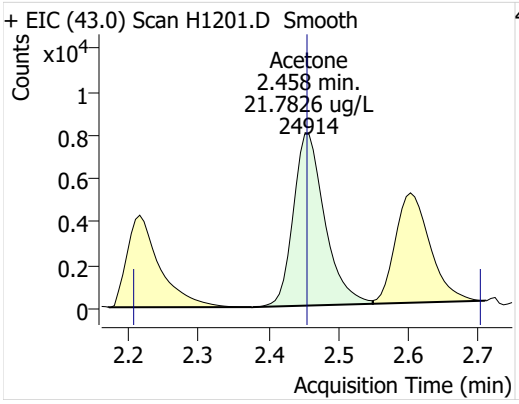


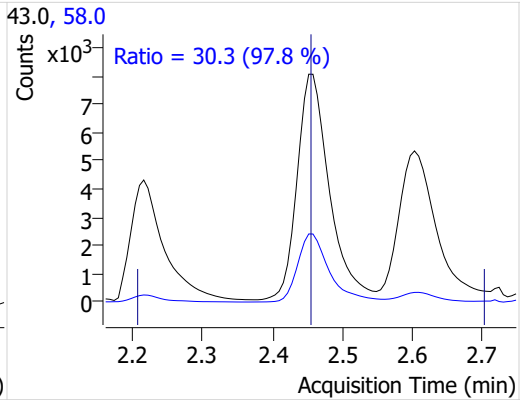


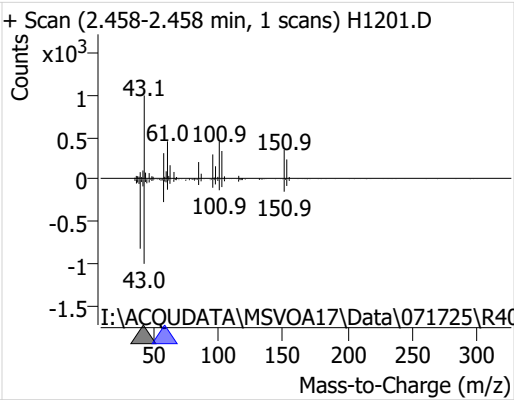


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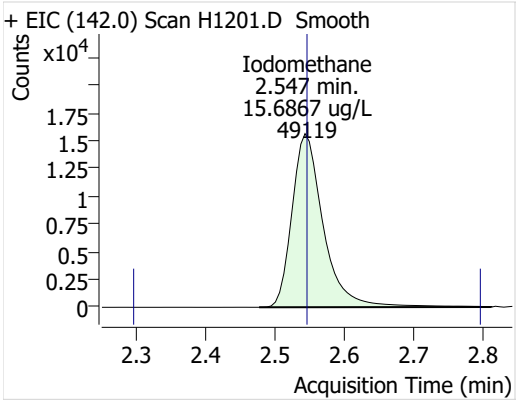
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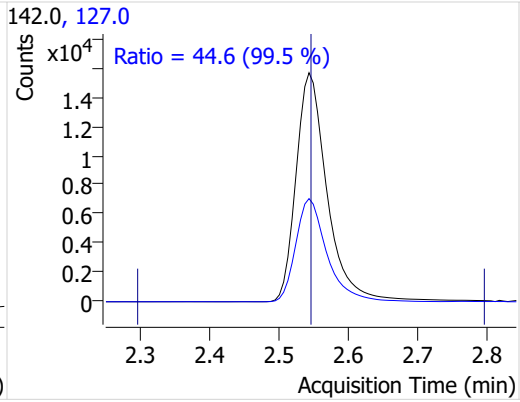


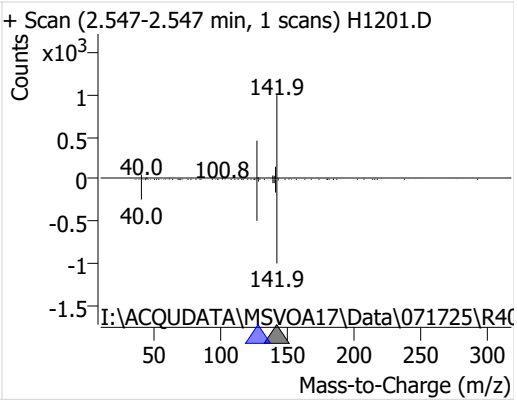




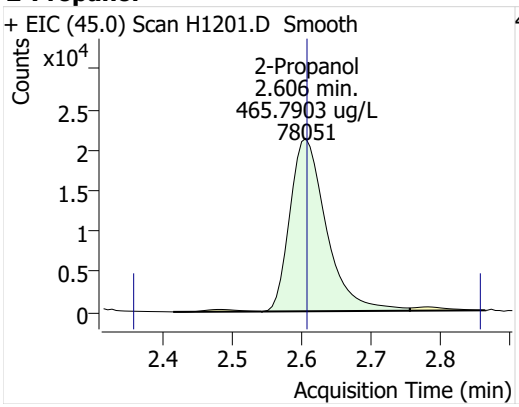
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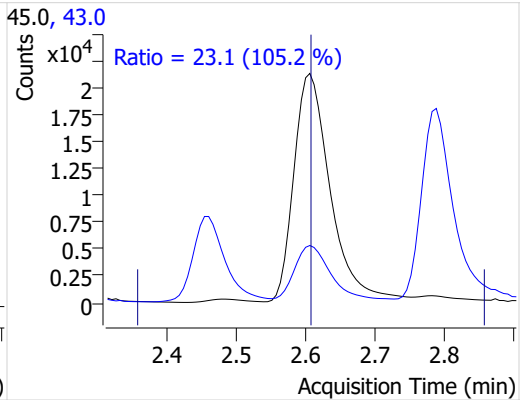


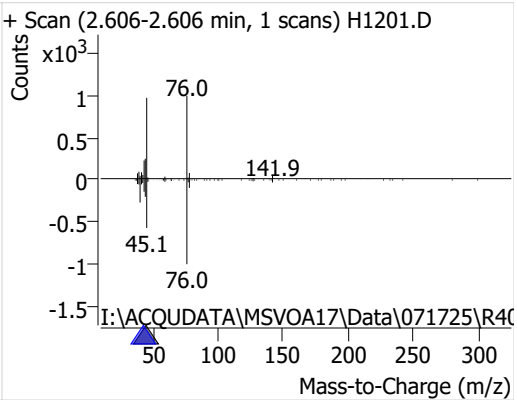




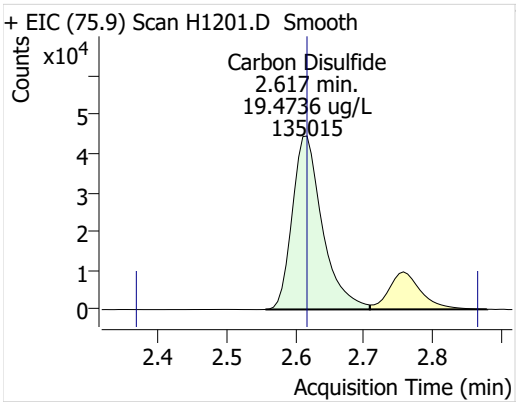
2-Propanol

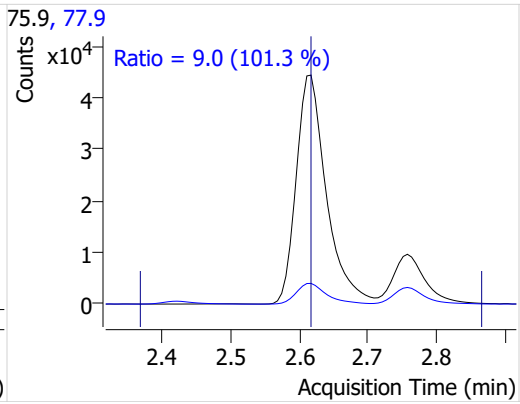


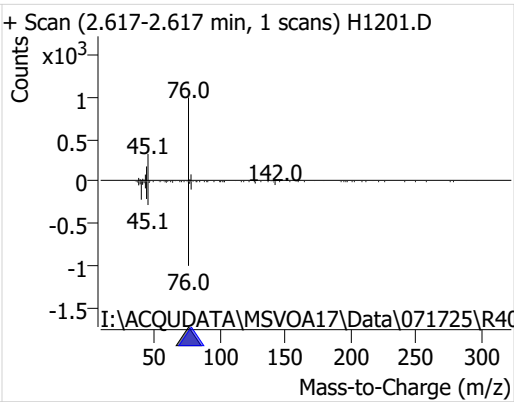




Carbon Disulfide

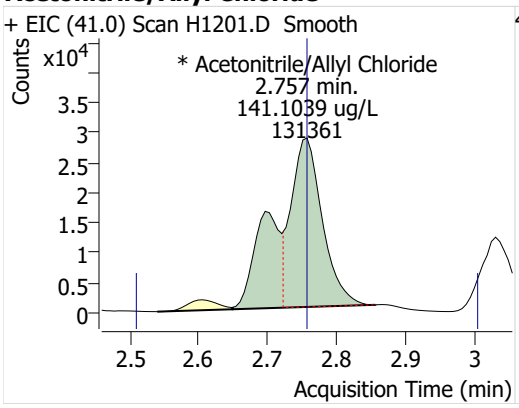


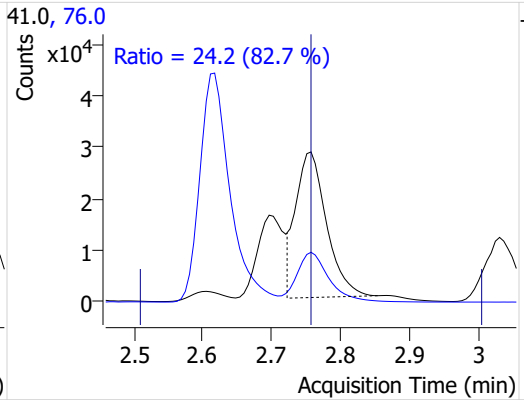


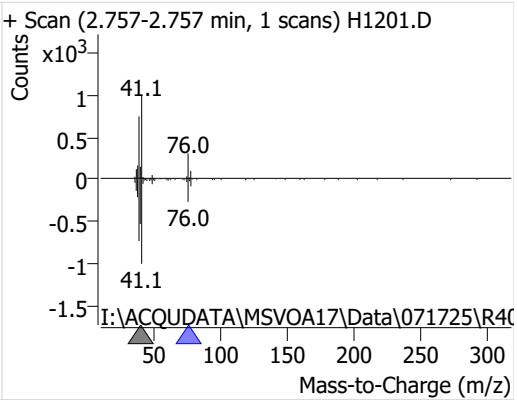


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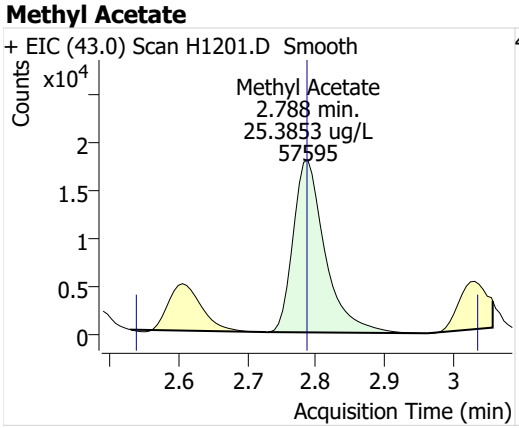
Acetonitrile/Allyl Chloride

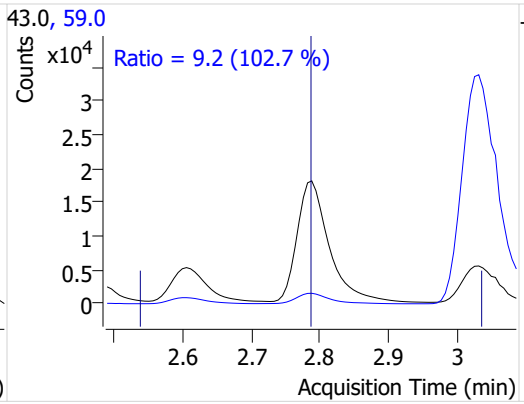


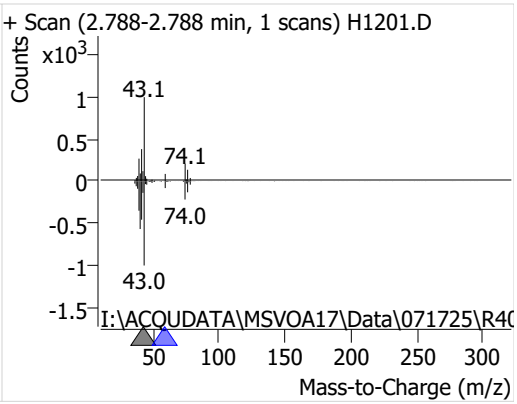




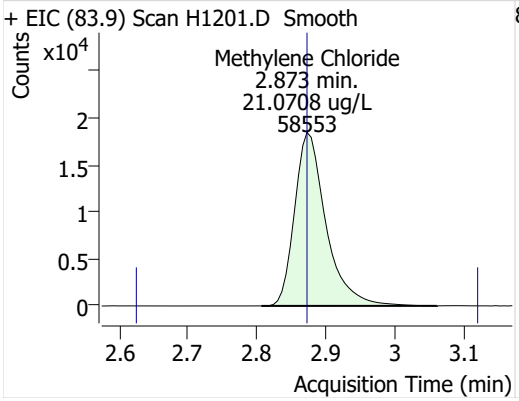
Methyl Acetate

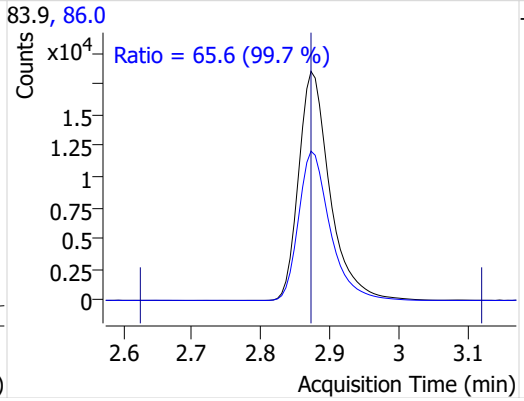


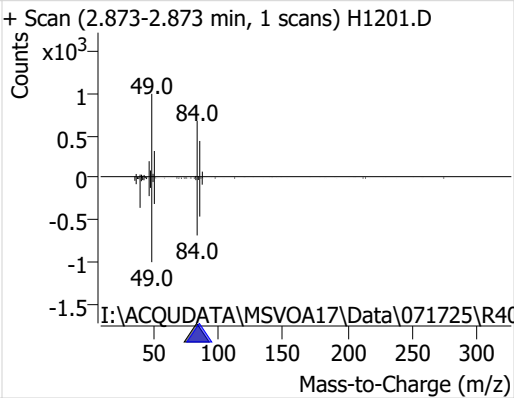




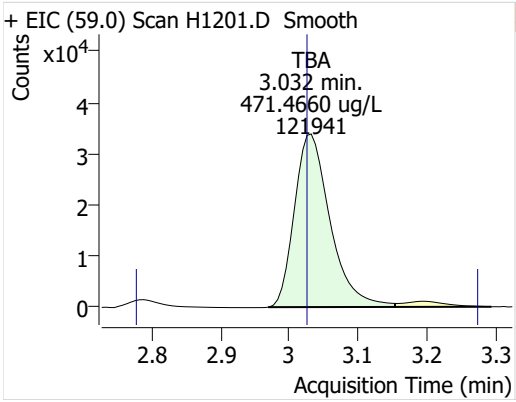
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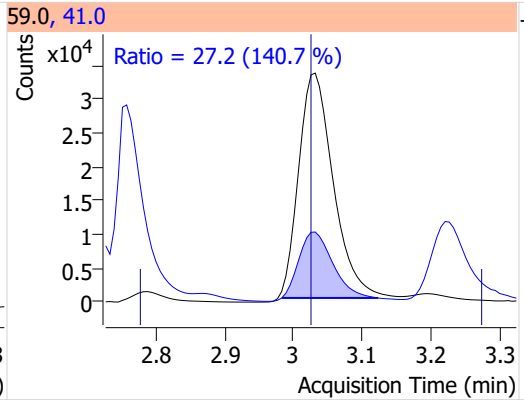


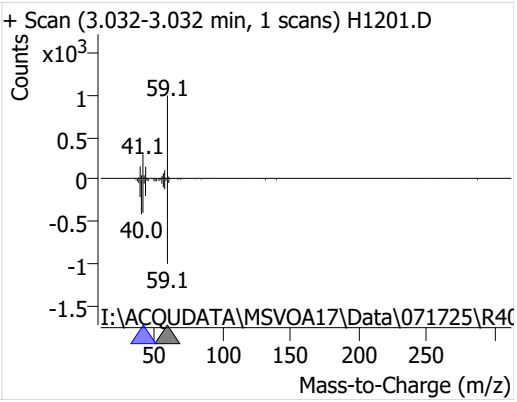




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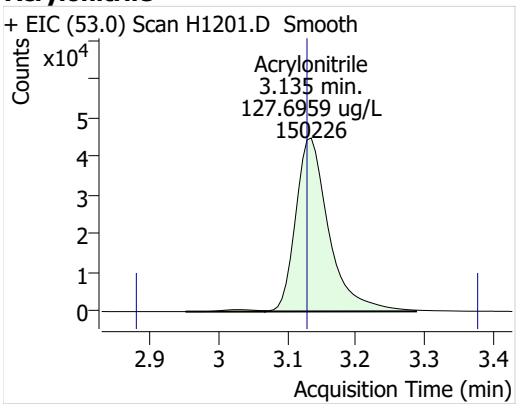


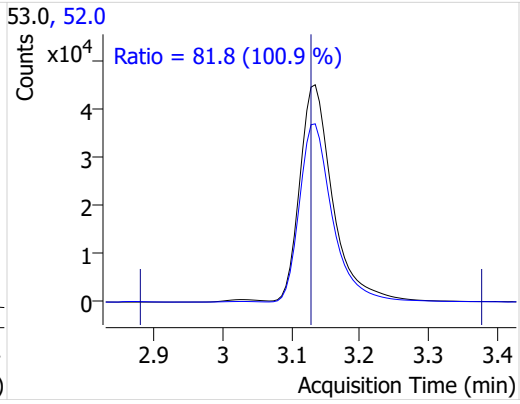


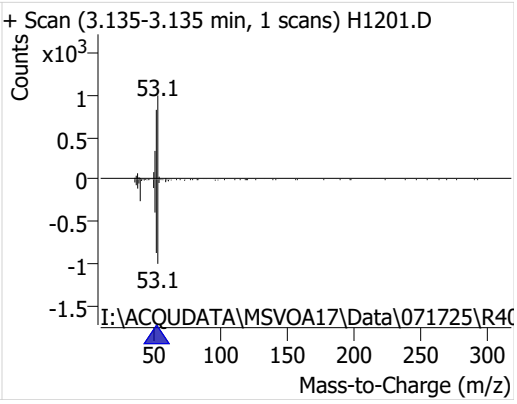


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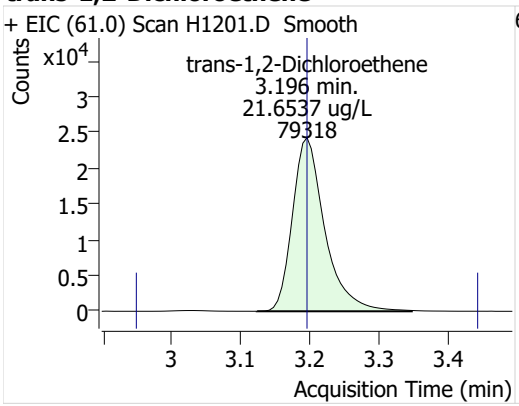
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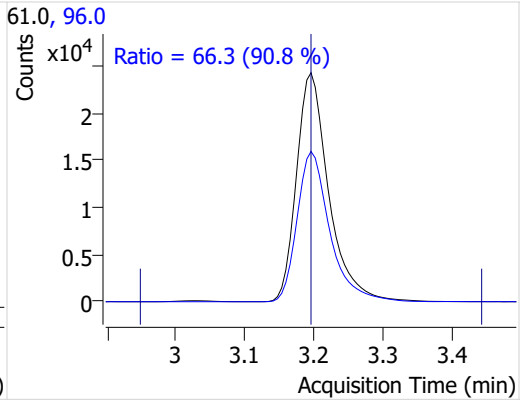


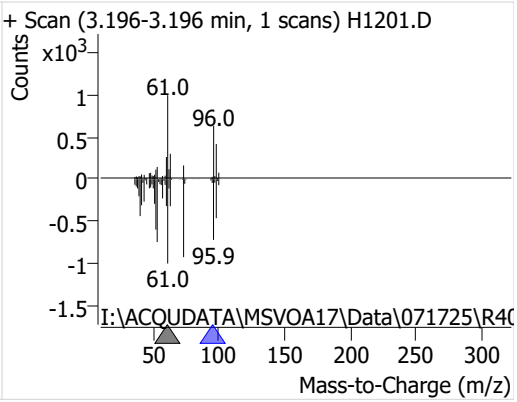




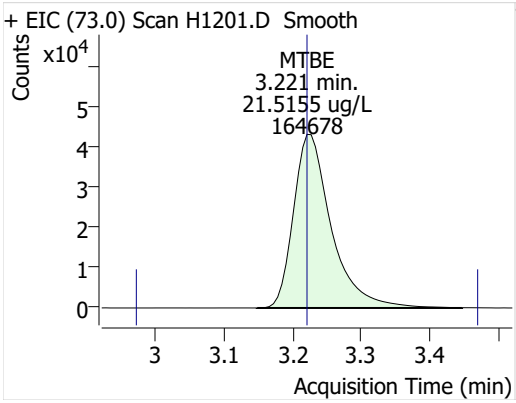
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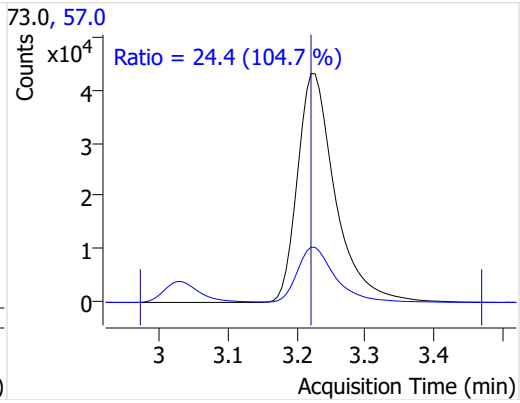


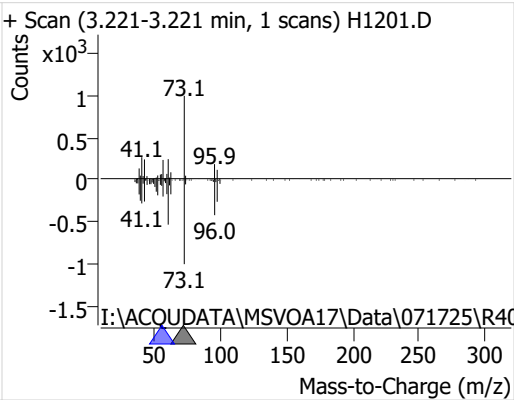




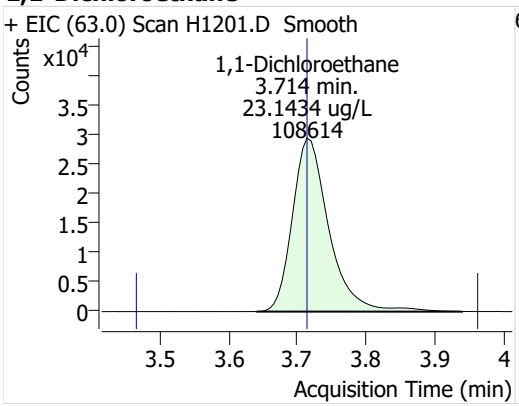
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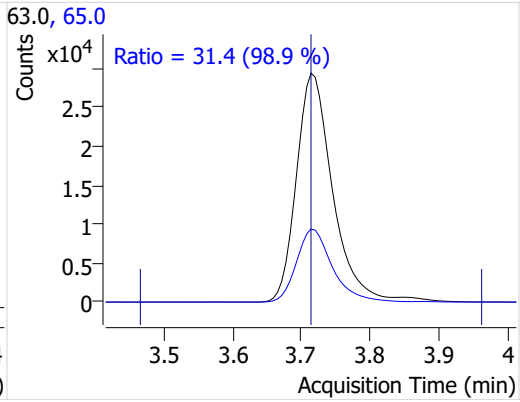


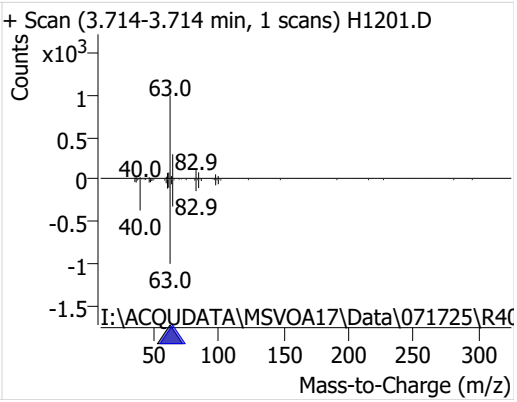




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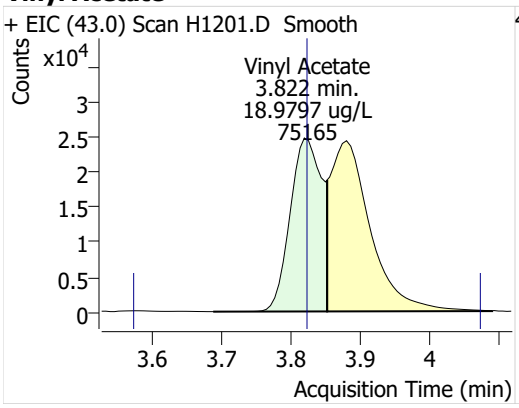


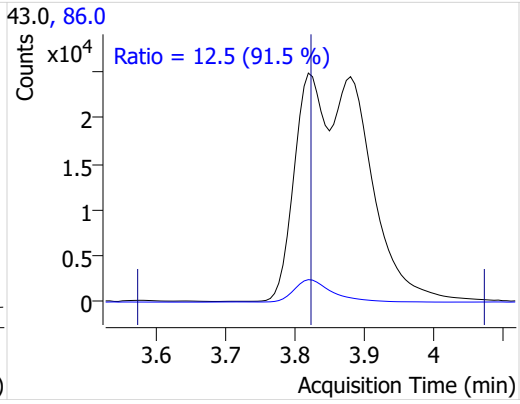


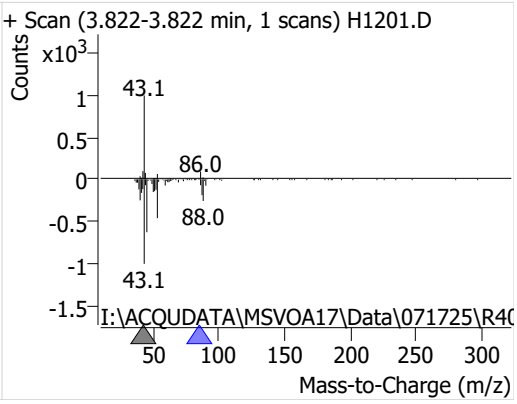


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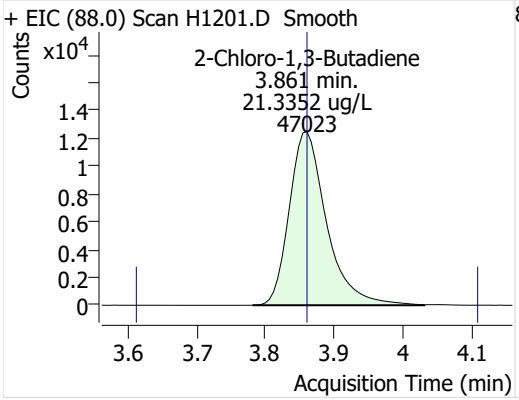
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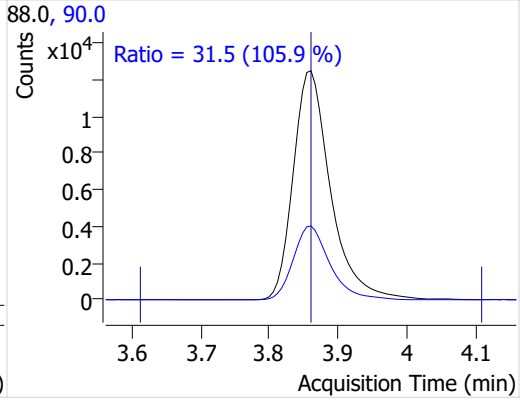


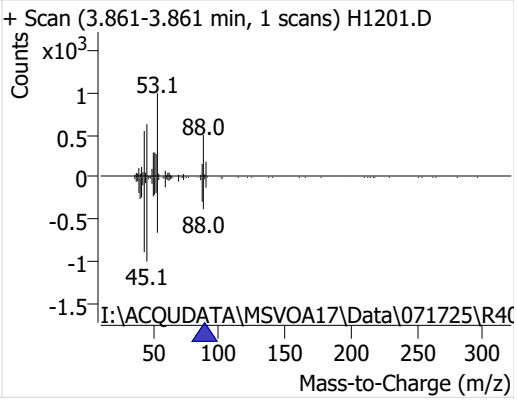




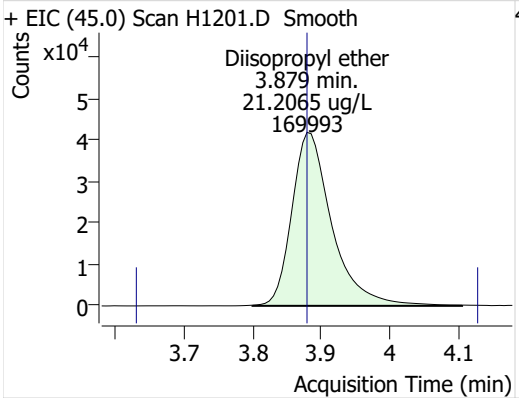
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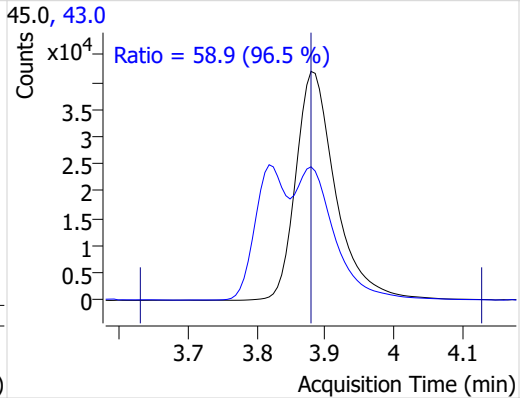


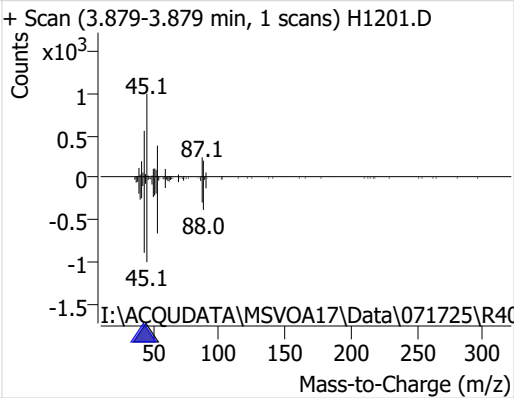




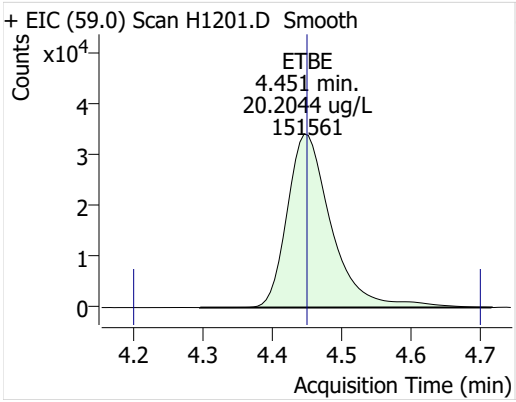
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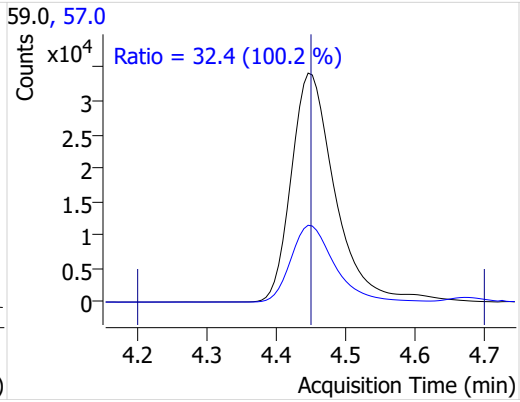


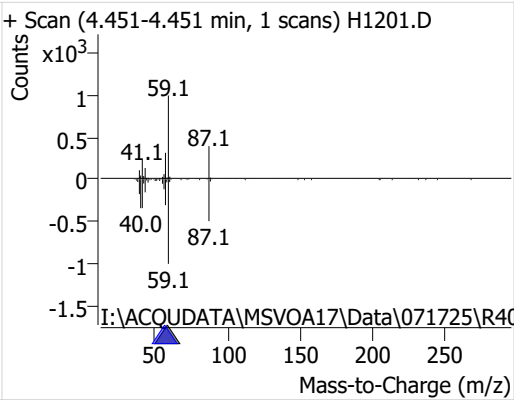




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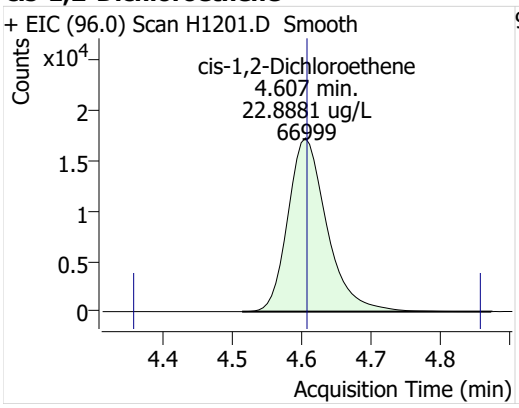


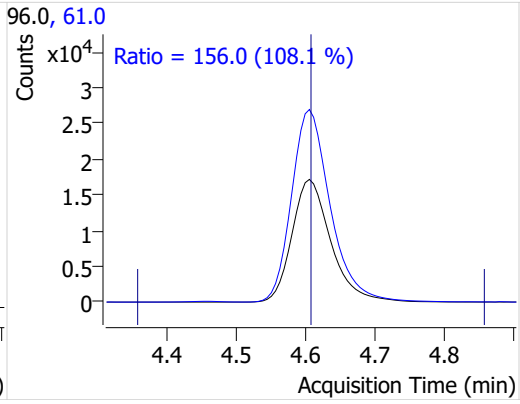


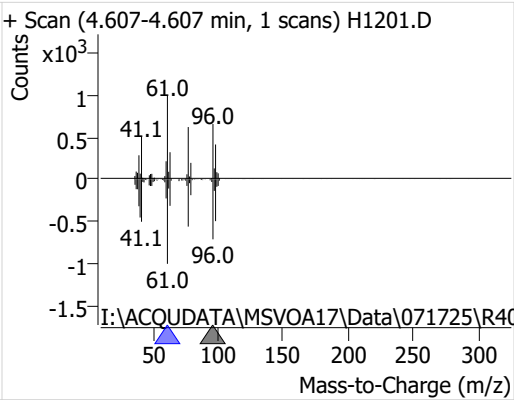


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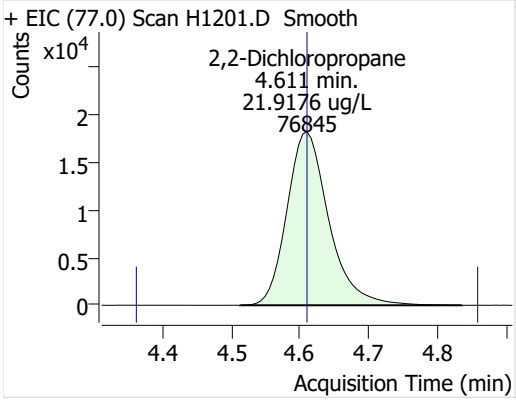
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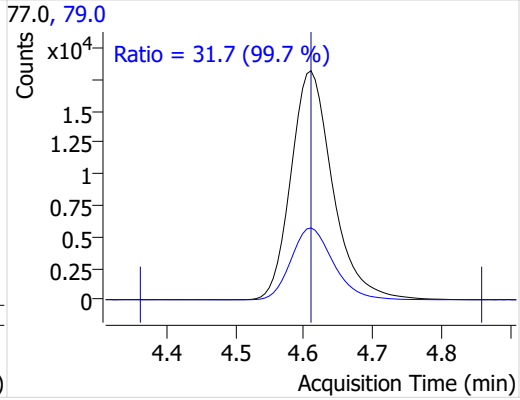


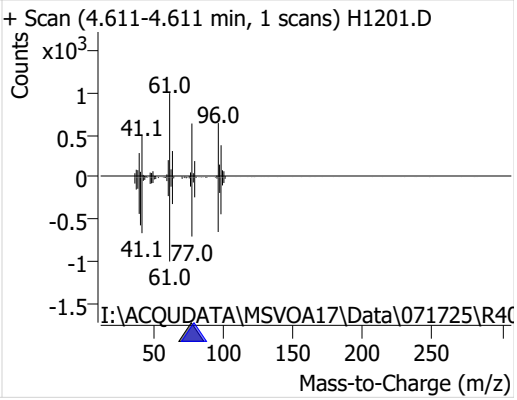




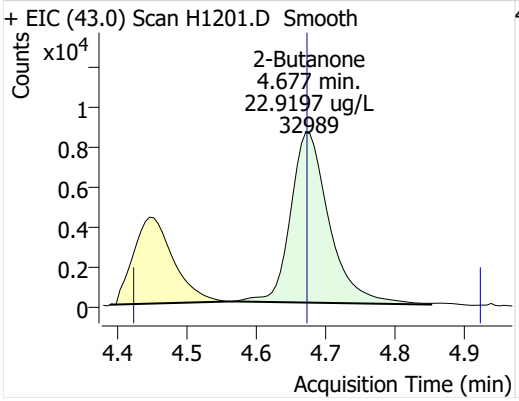
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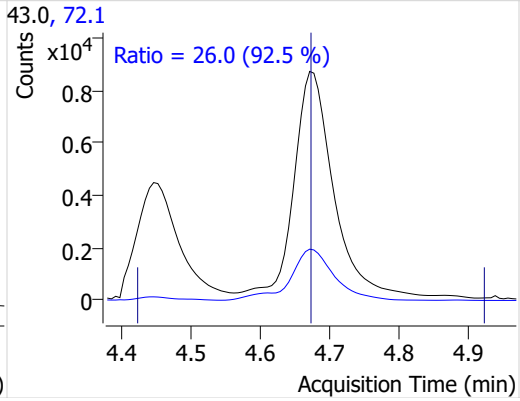


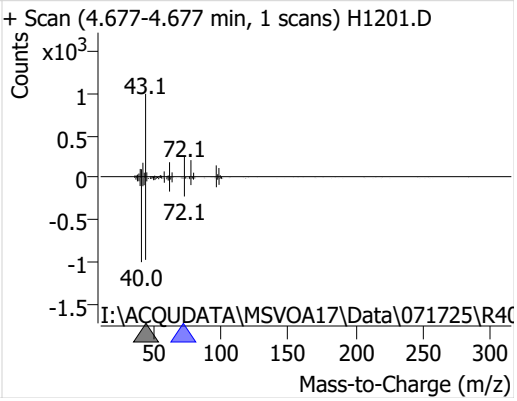




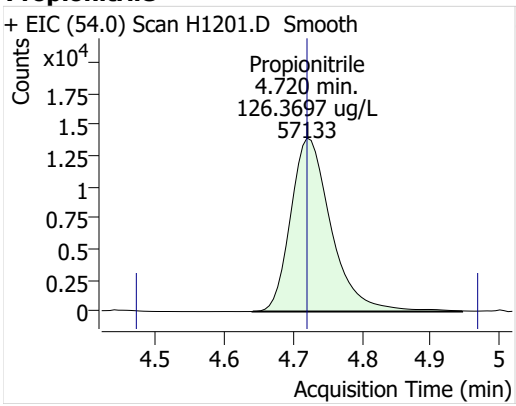
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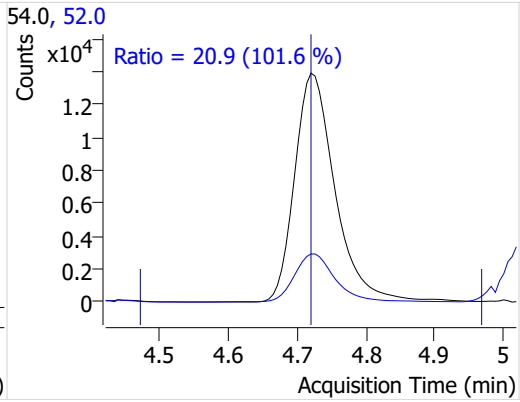


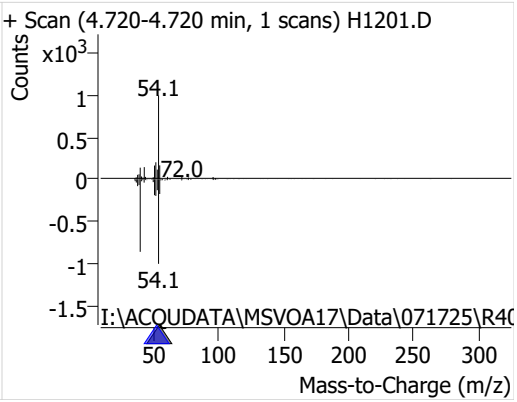




Propionitrile

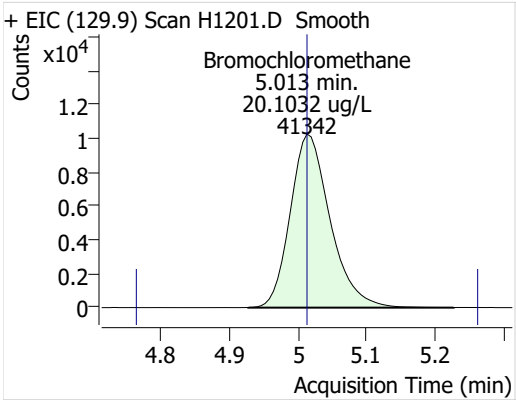


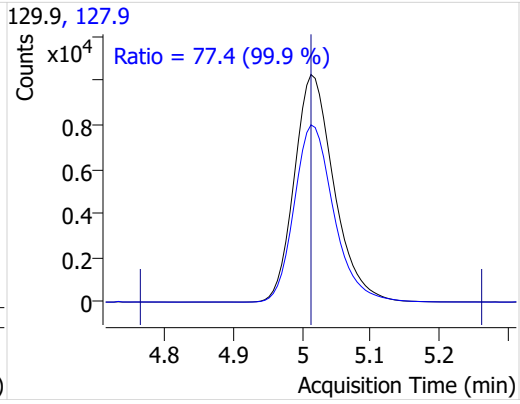


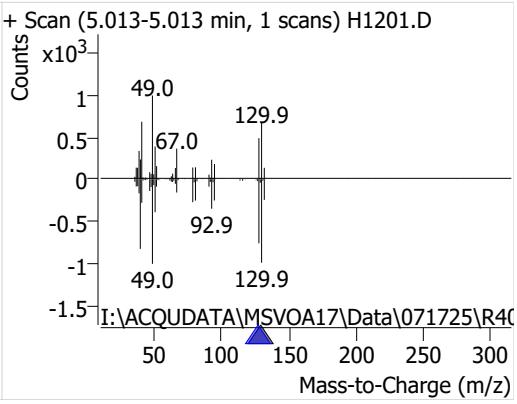


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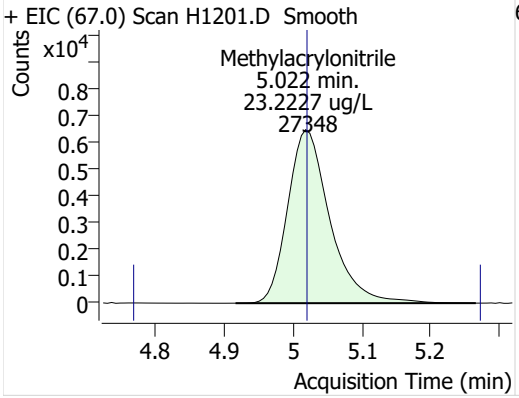
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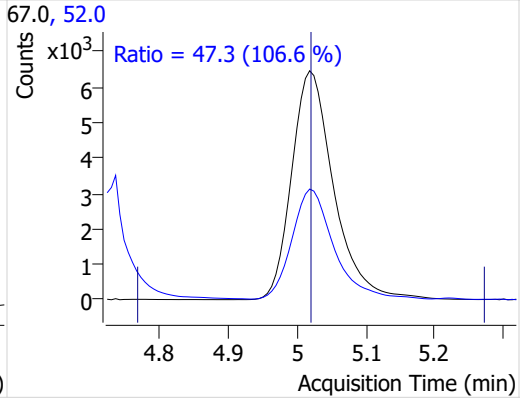


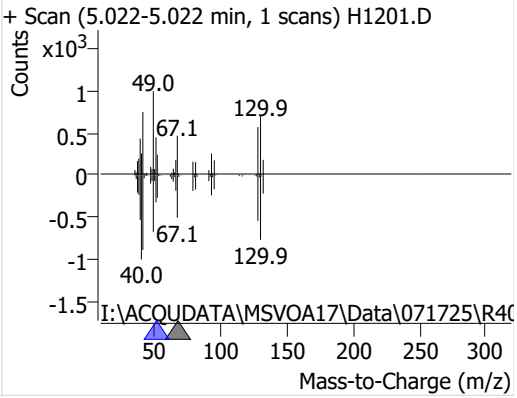




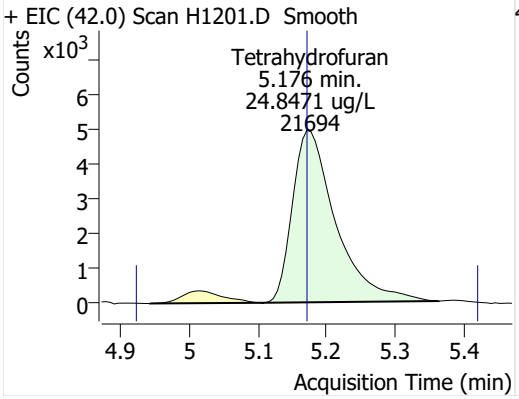
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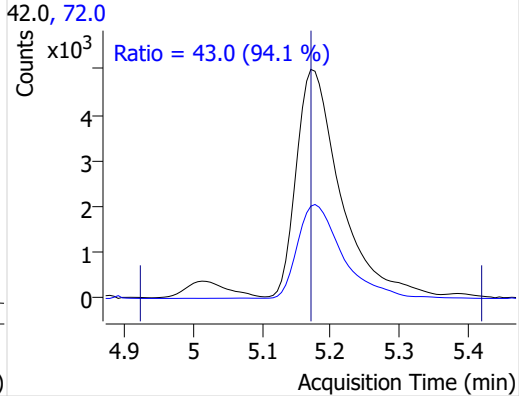


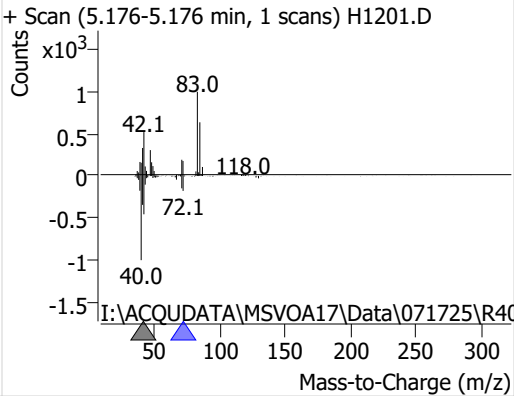




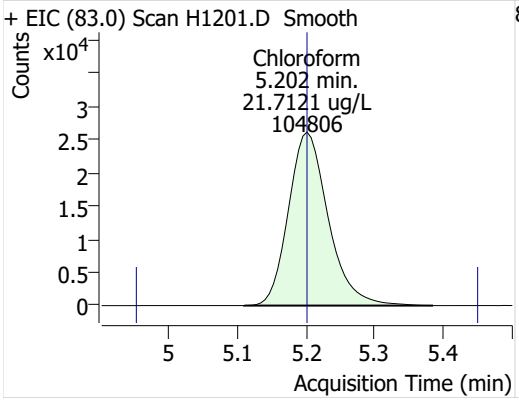
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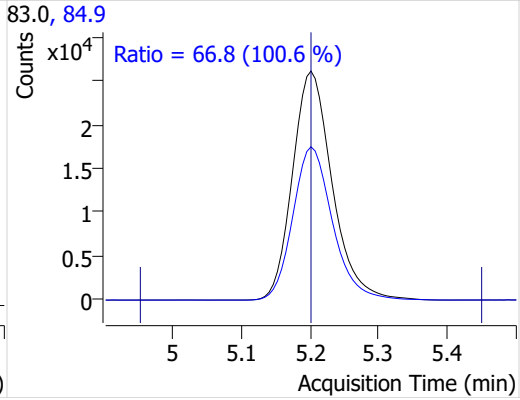


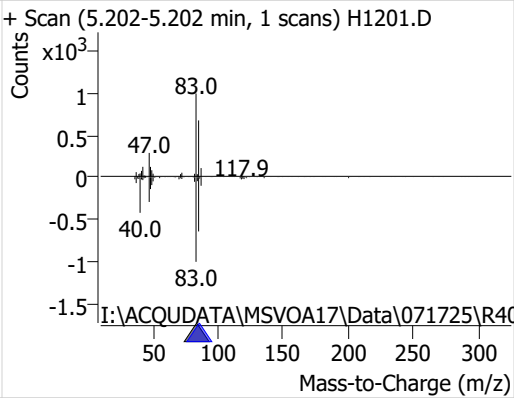




Chloroform

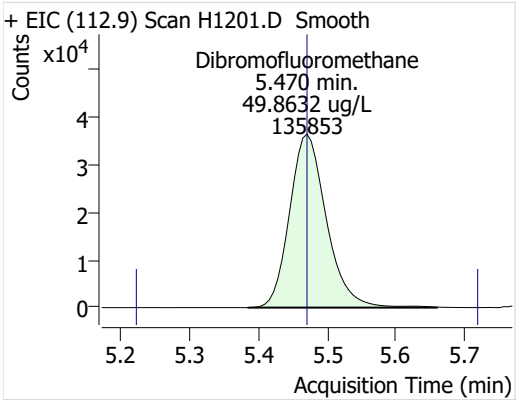


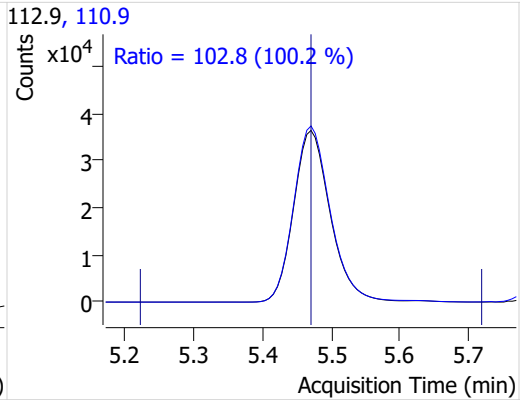


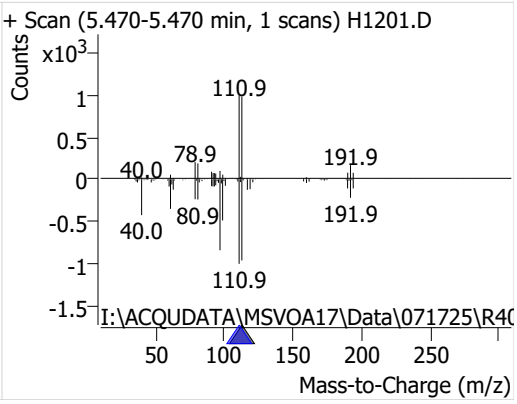


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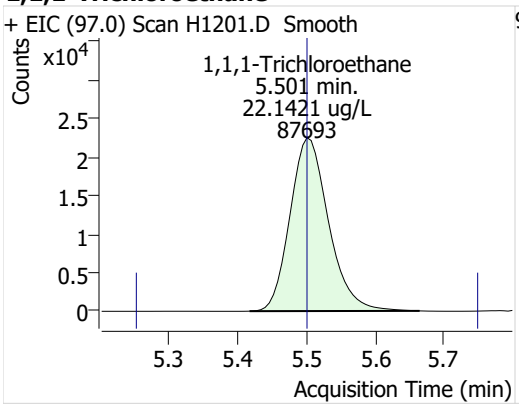
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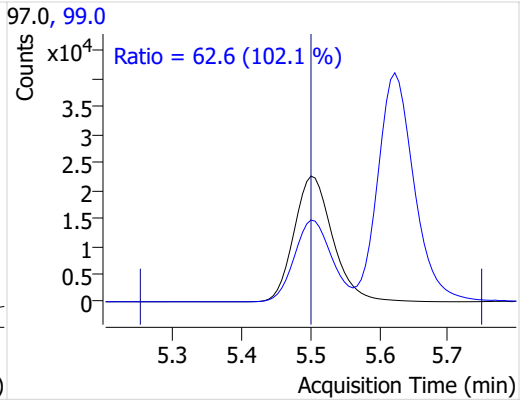


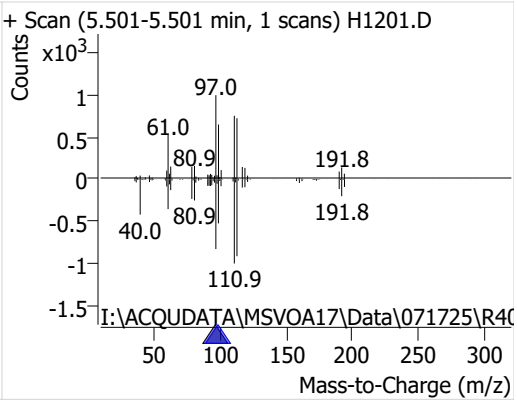




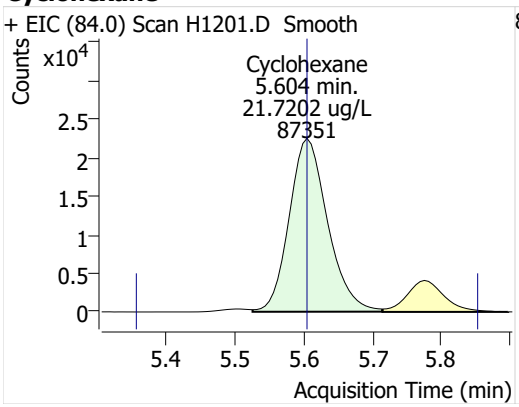
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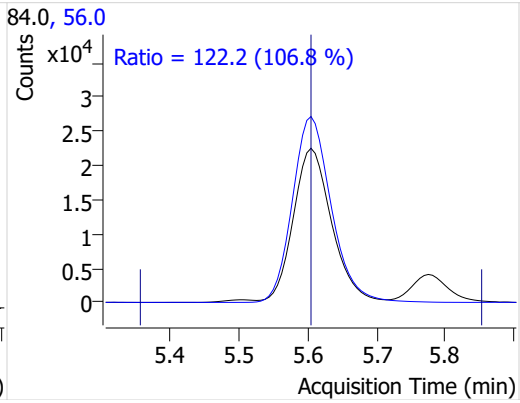


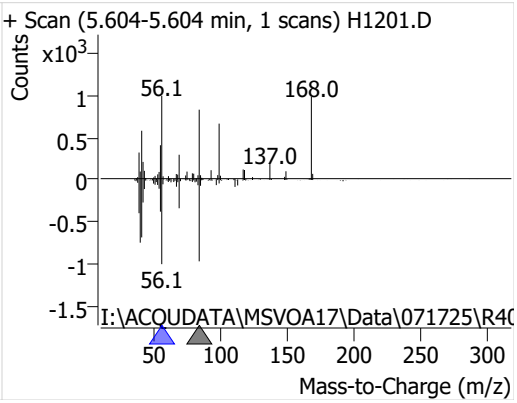




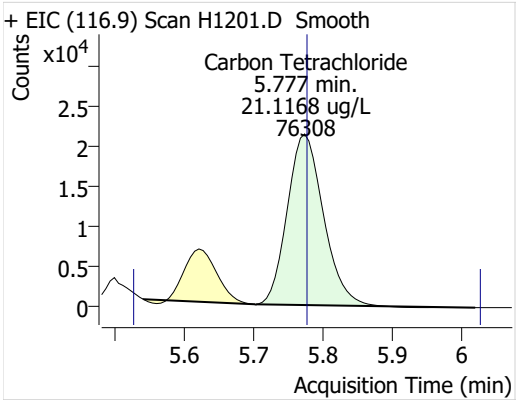
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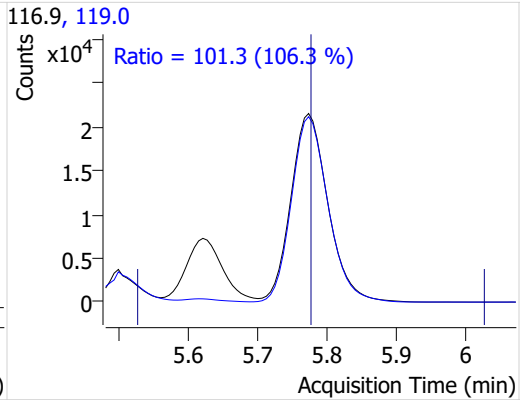


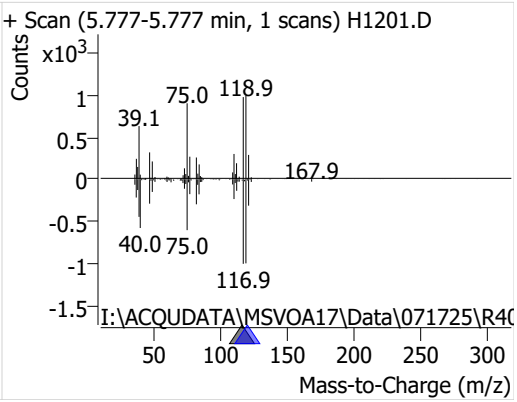




Carbon Tetrachloride

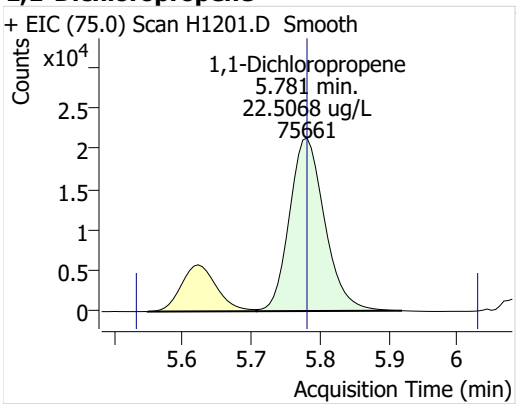


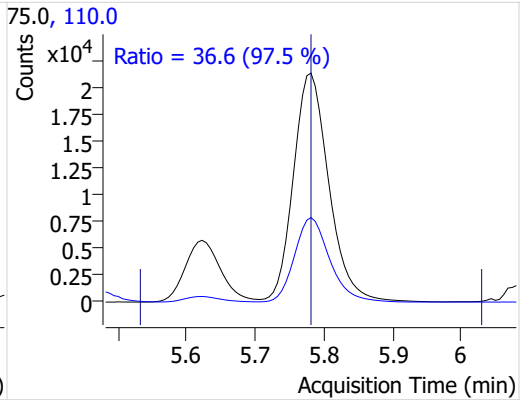


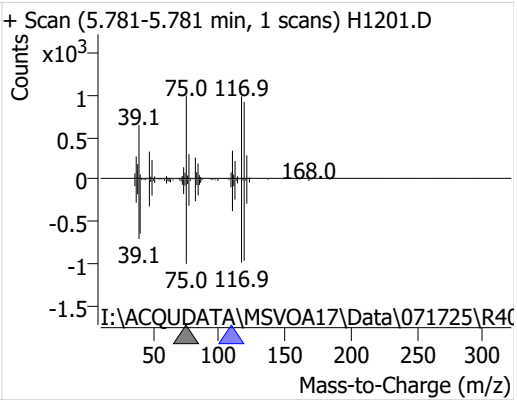


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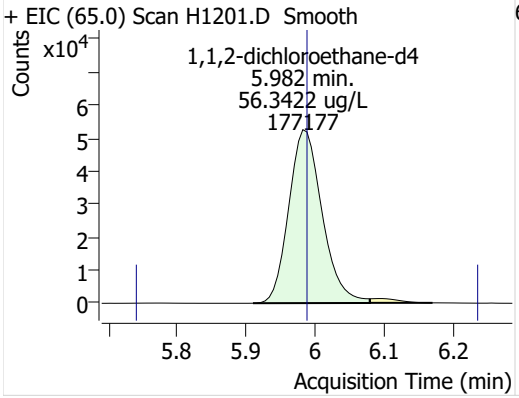
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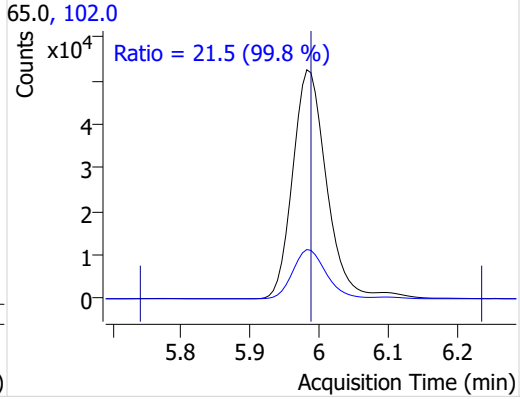


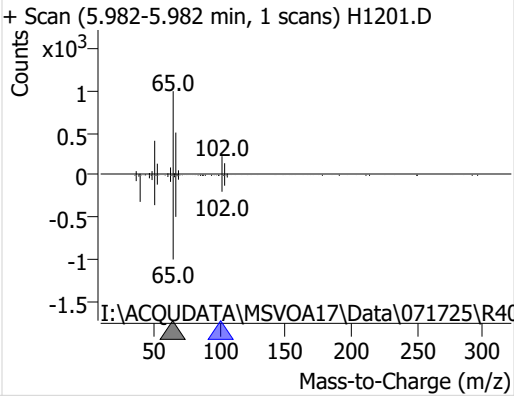




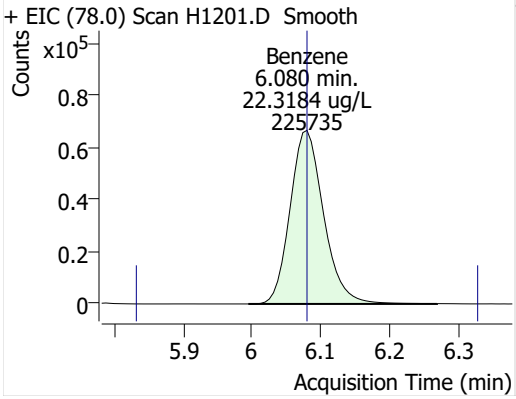
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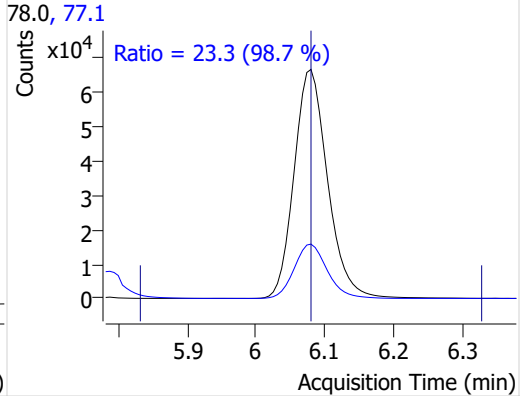


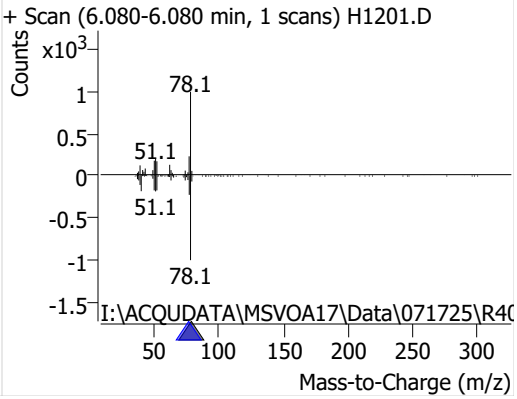




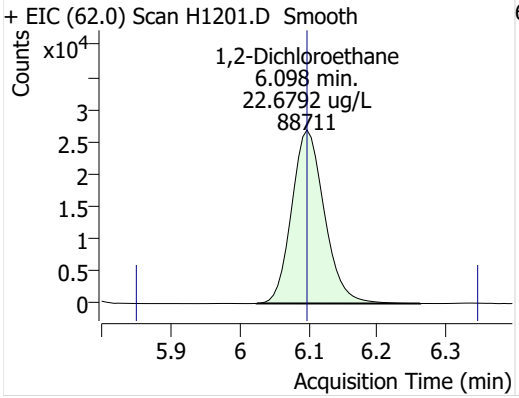
Benzene

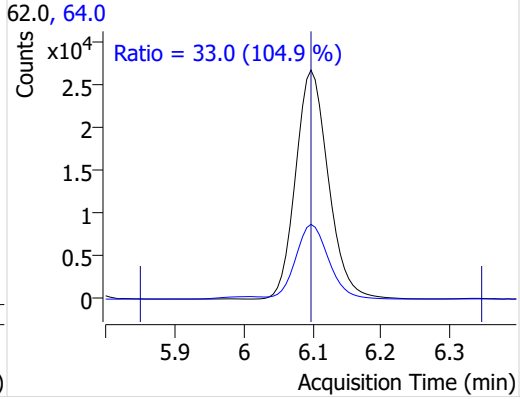


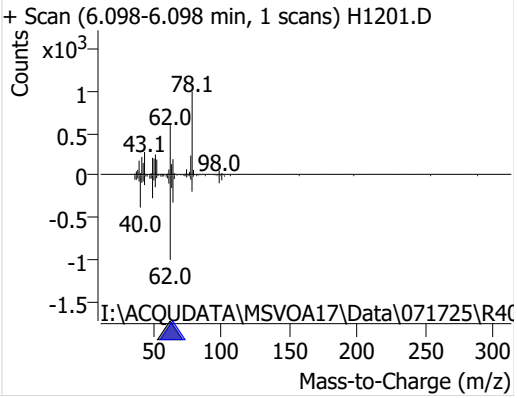




1,2-Dichloroethane

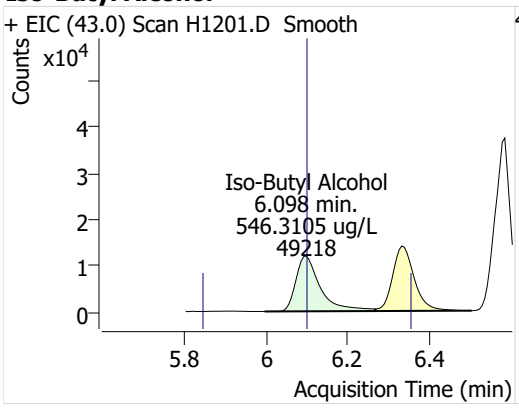


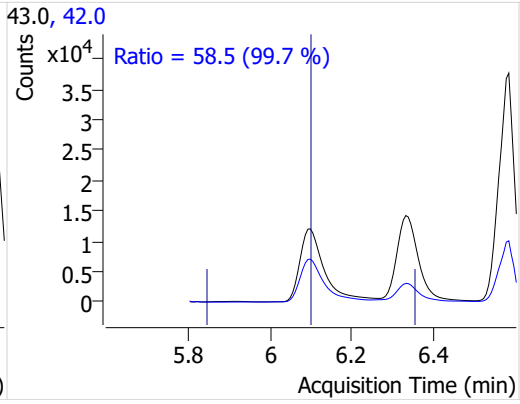


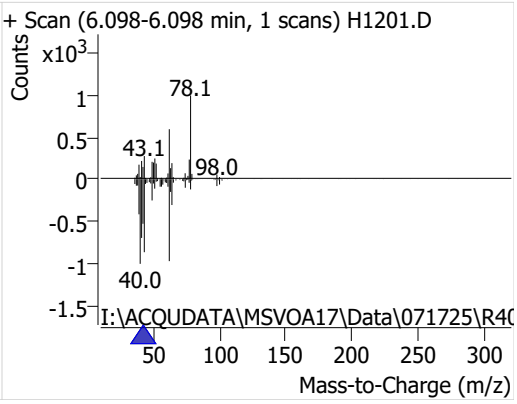


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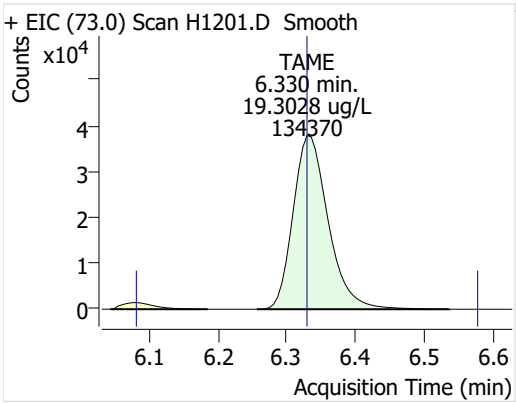
Iso-Butyl Alcohol

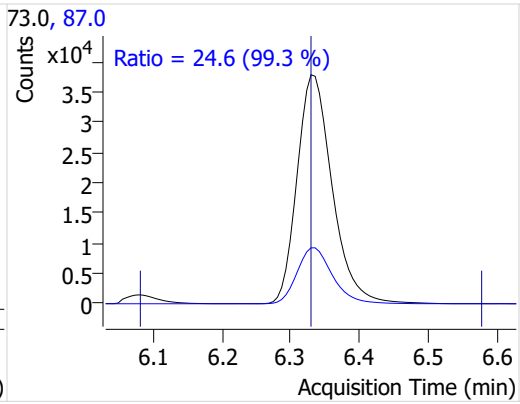


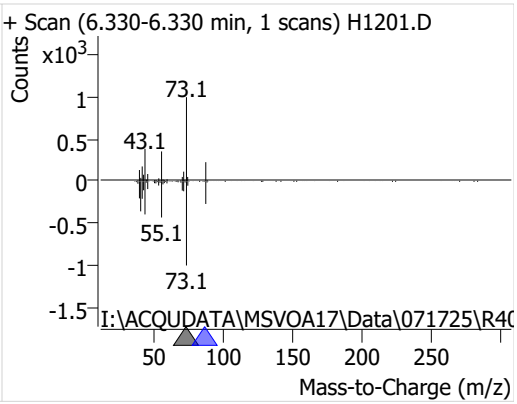




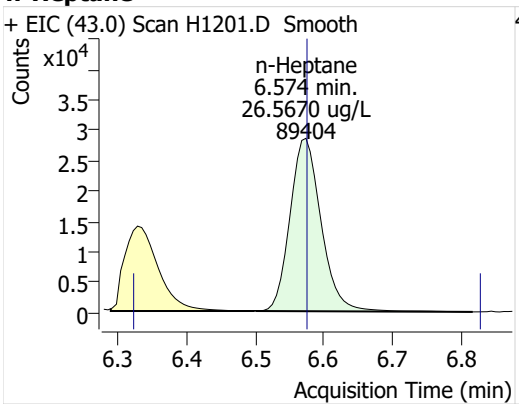
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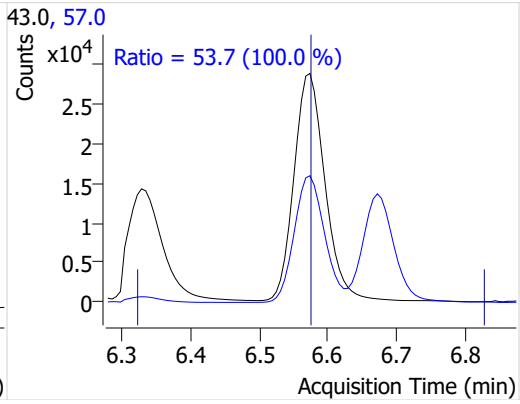


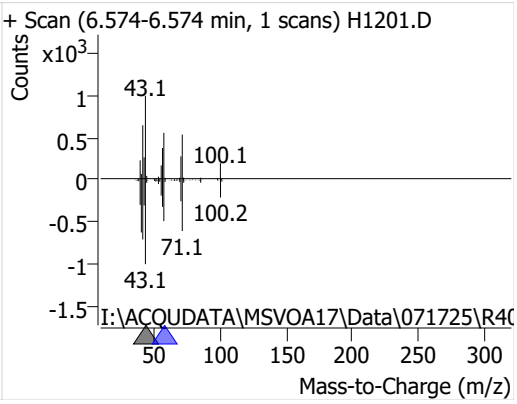




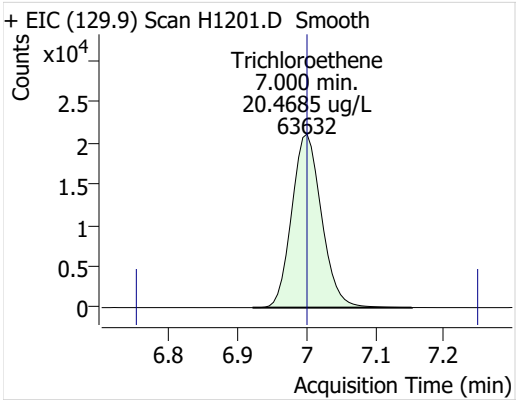
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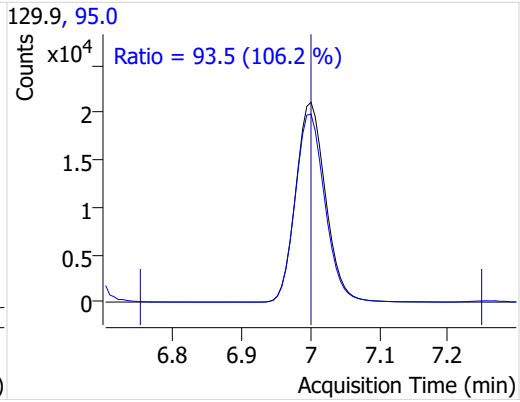


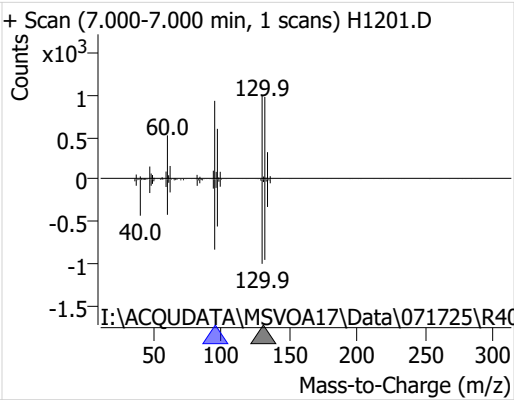




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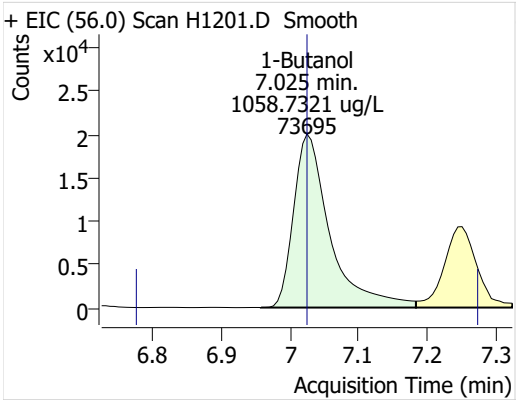


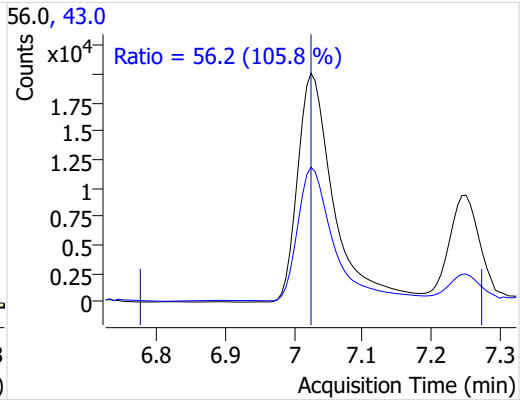


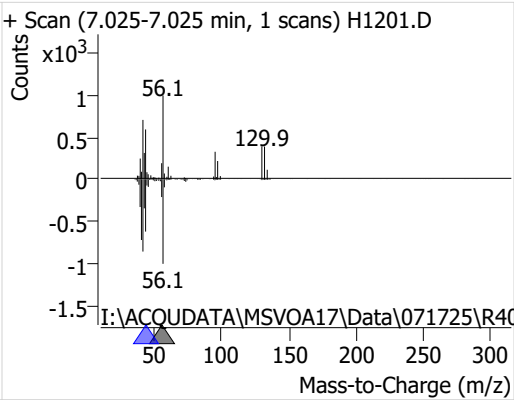


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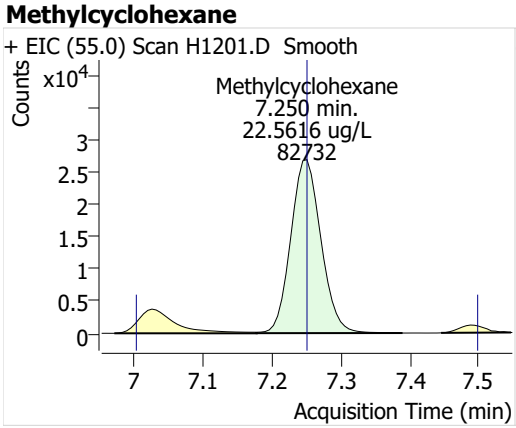
1-Butanol

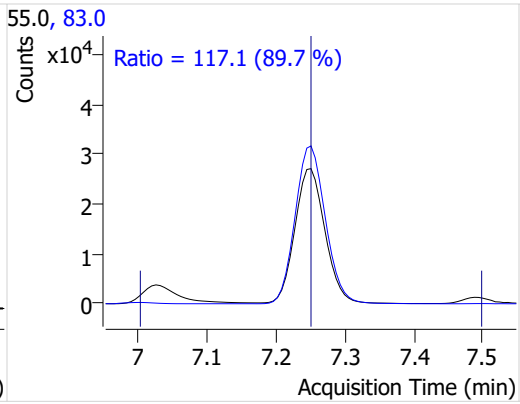


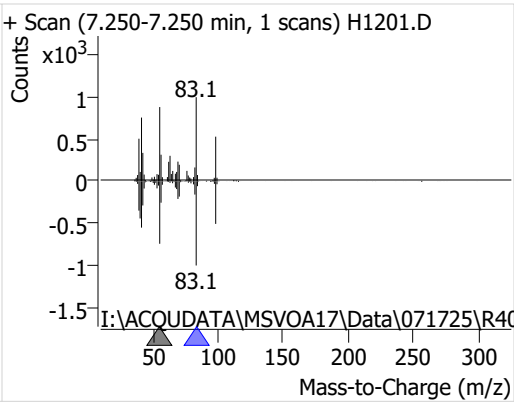




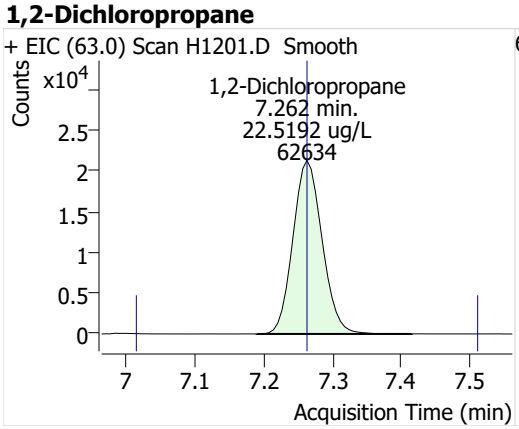
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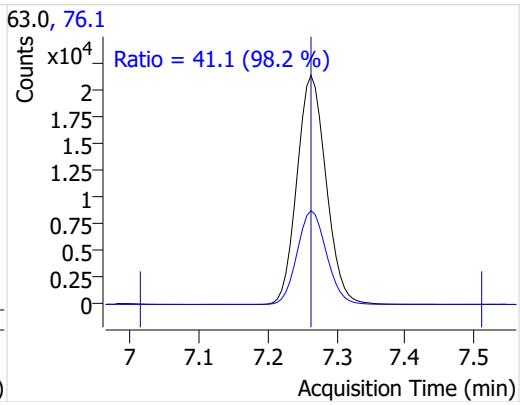


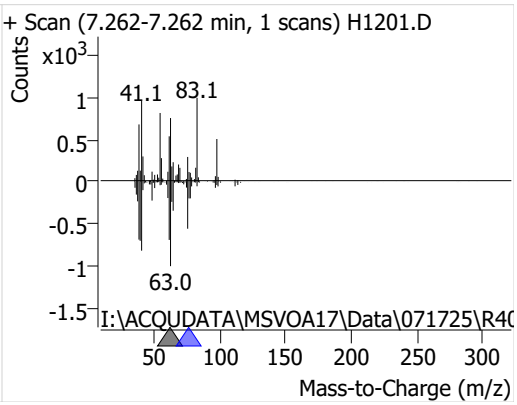




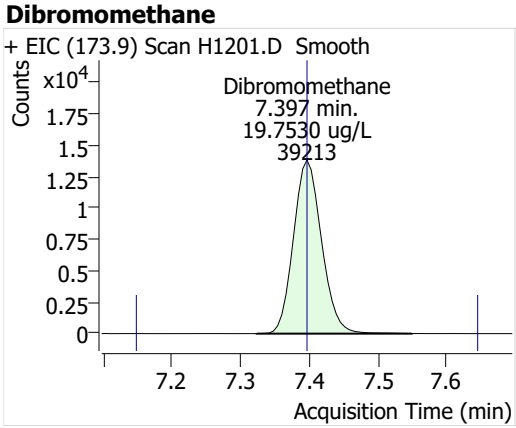
1,2-Dichloropropane

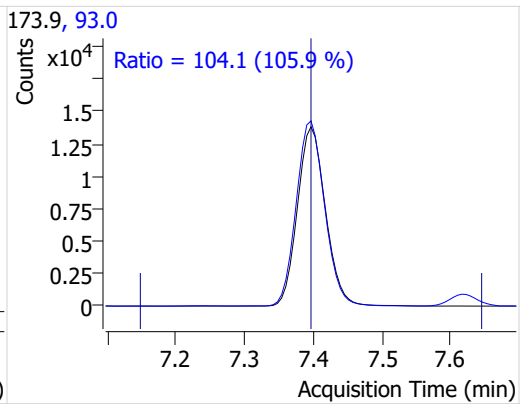


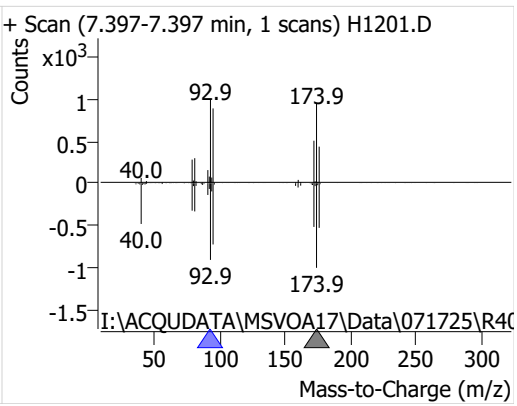




Dibromomethane

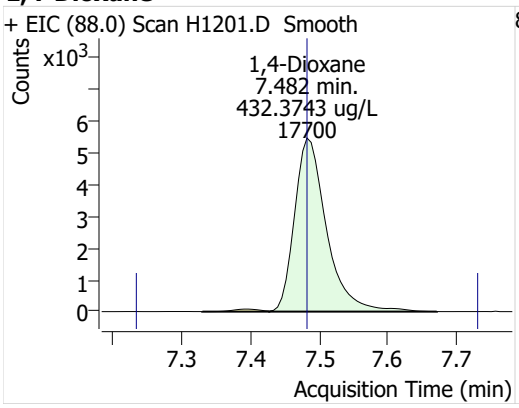


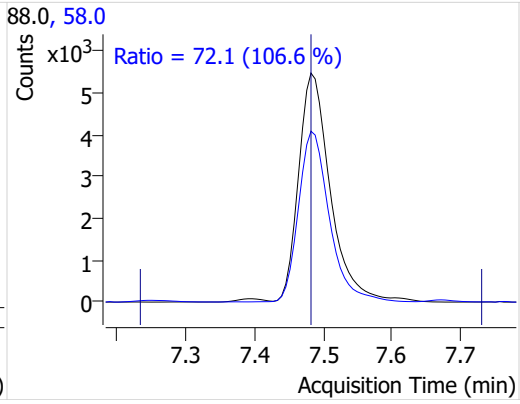


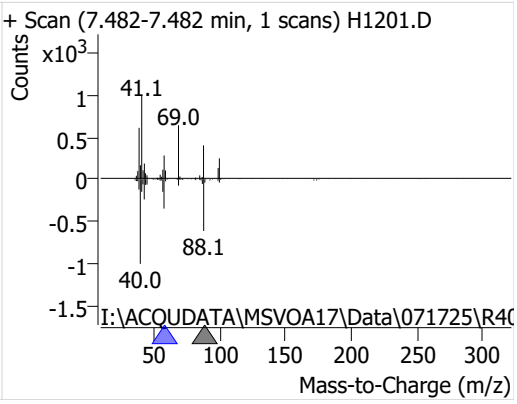


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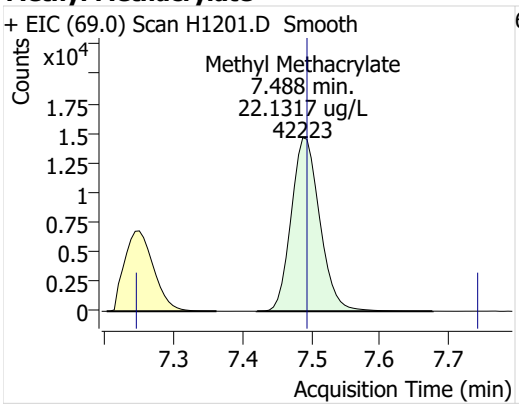
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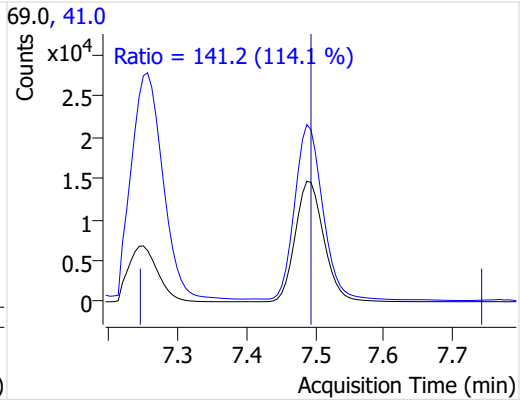


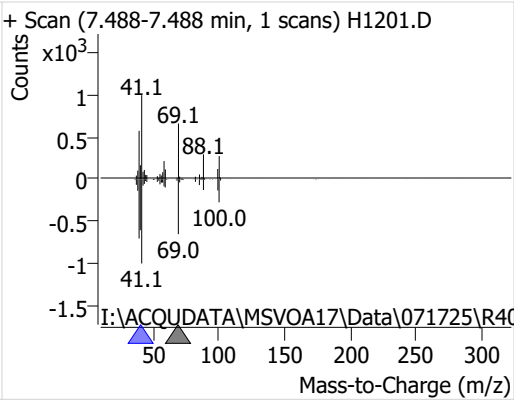




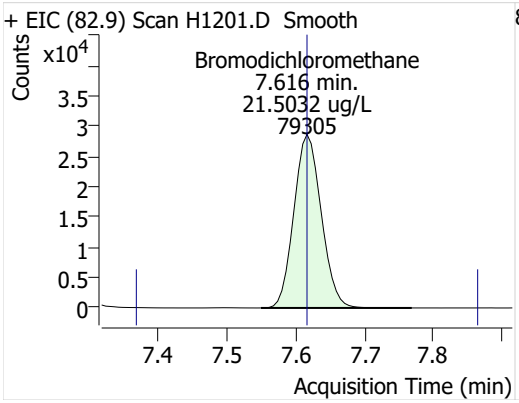
Methyl Methacrylate

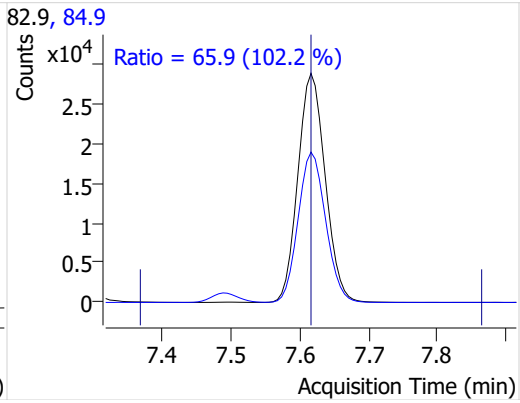


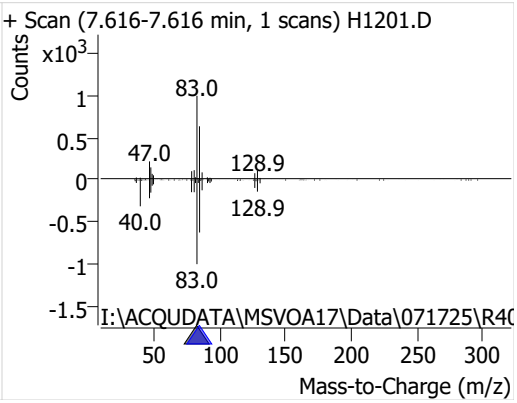




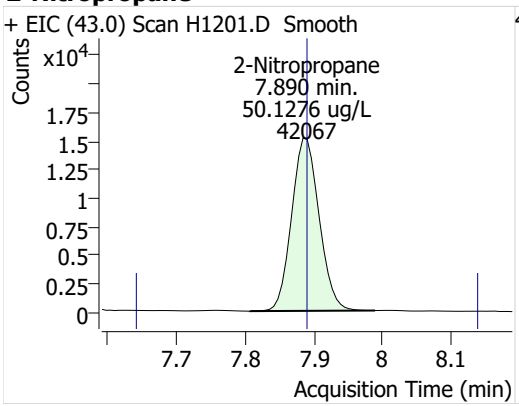
Bromodichloromethane

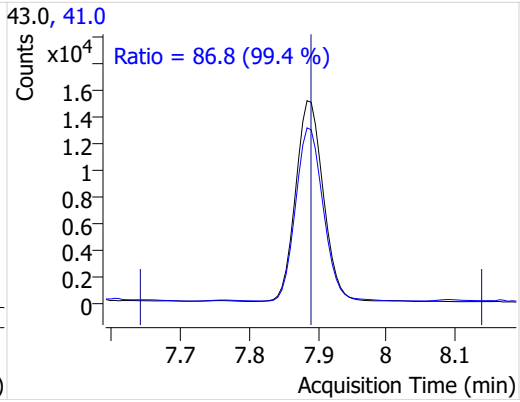


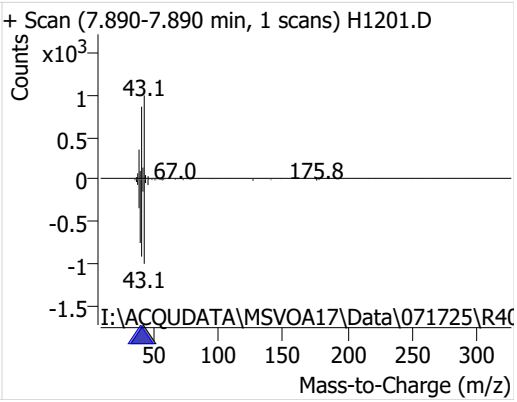




2-Nitropropane

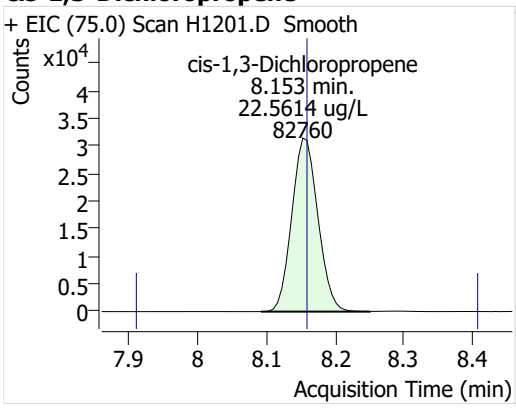


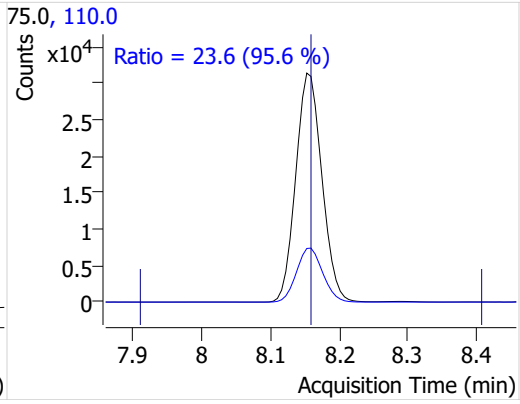


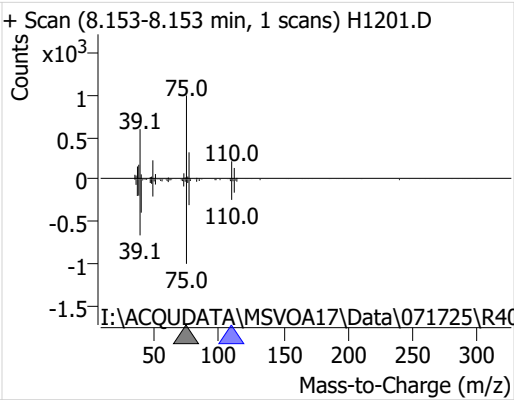


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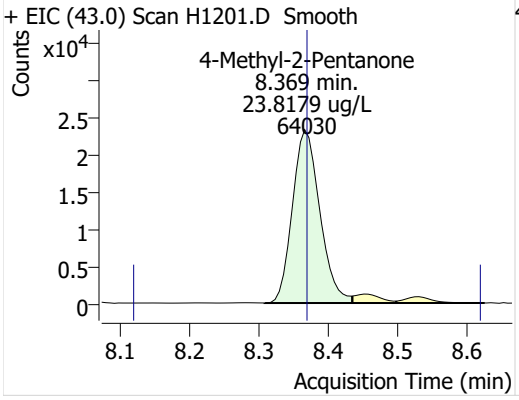
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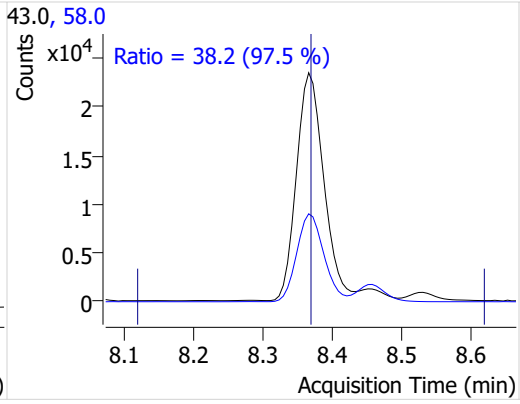


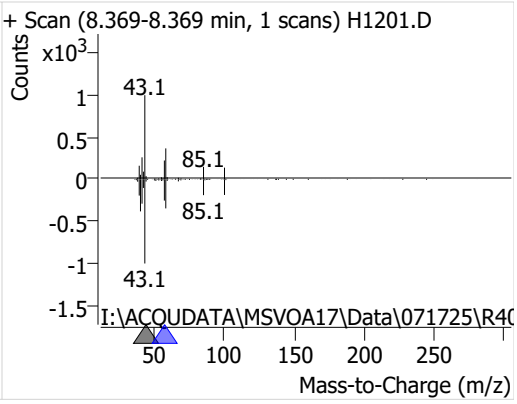




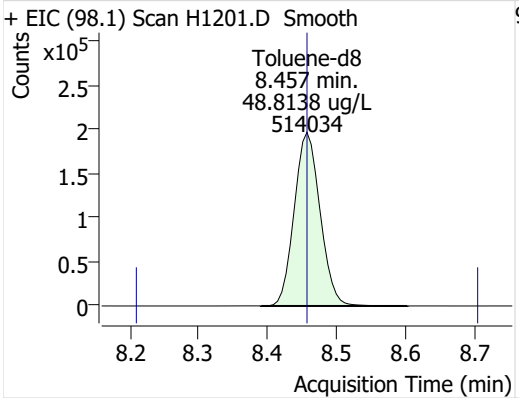
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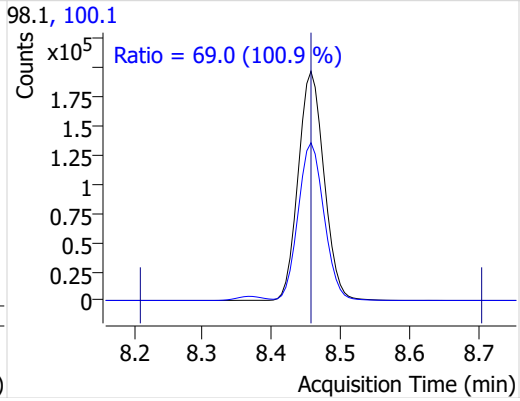


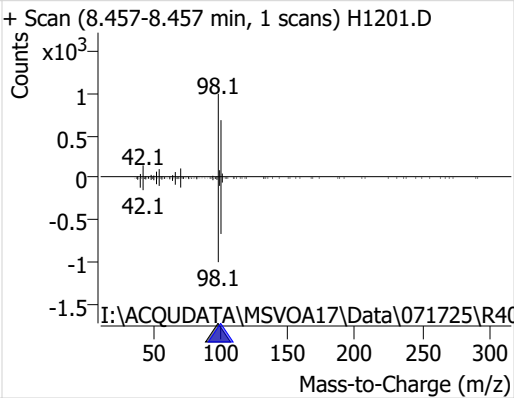




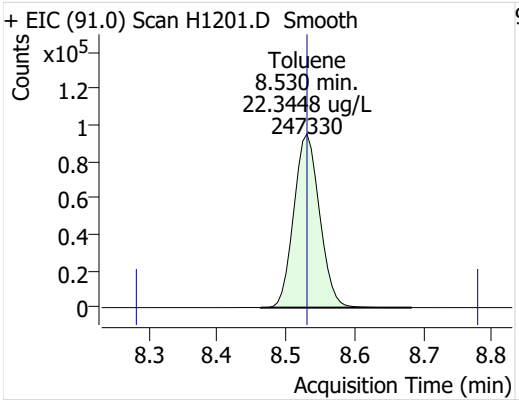
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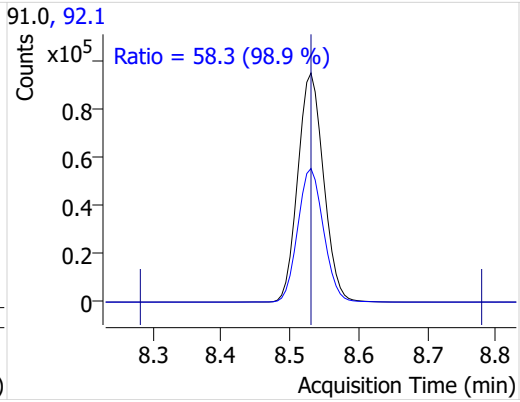


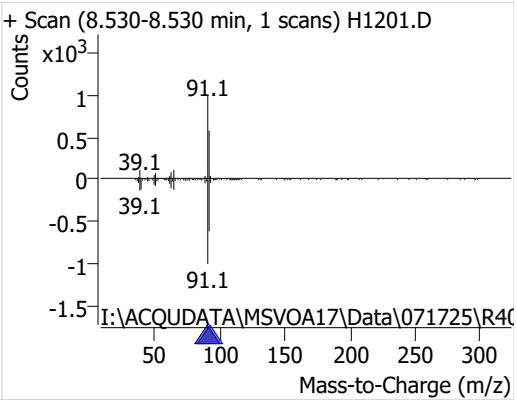




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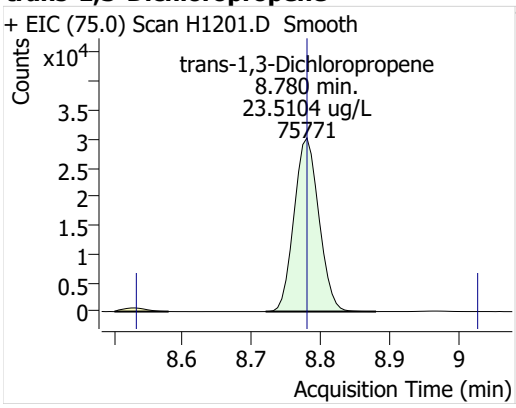


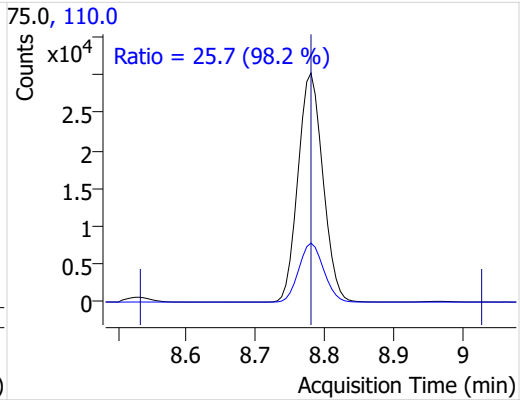


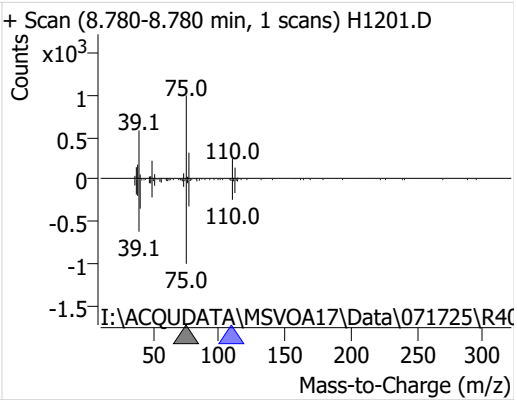


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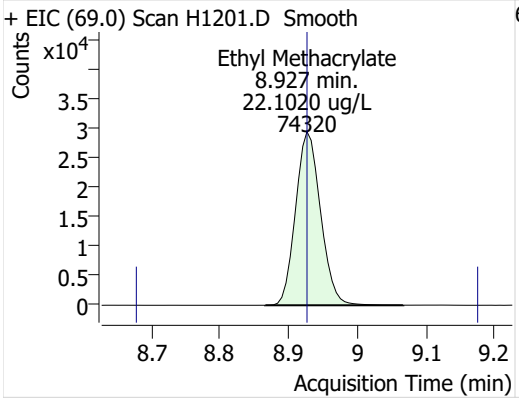
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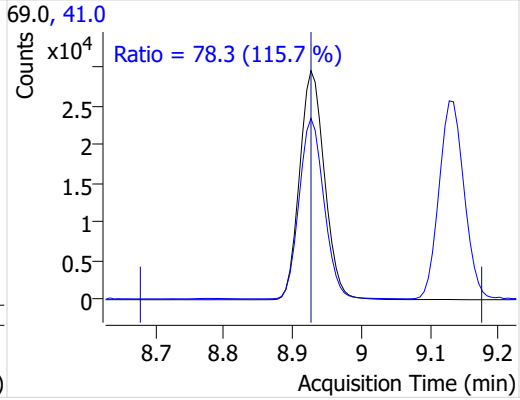


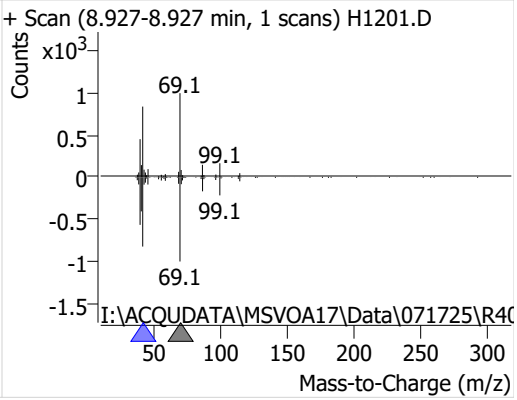




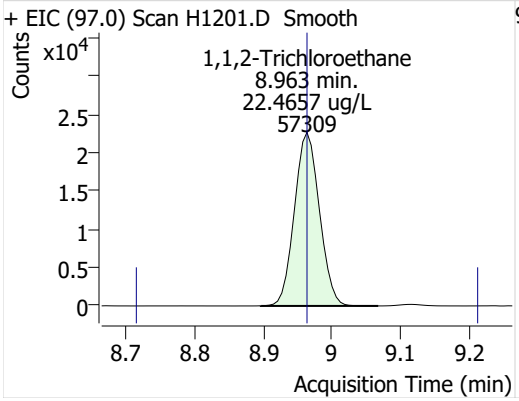
Ethyl Methacrylate

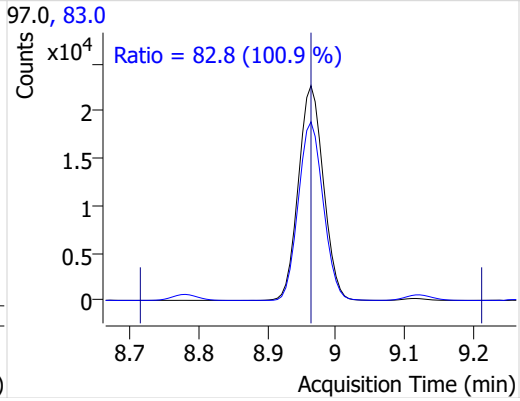


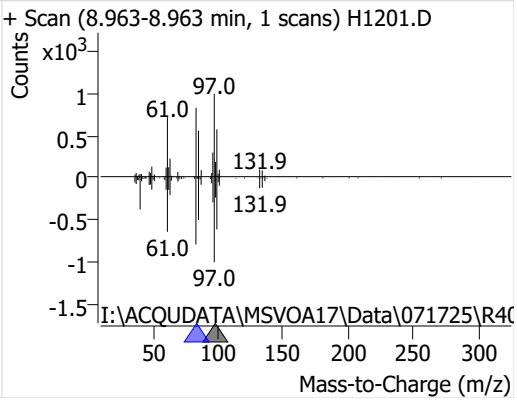




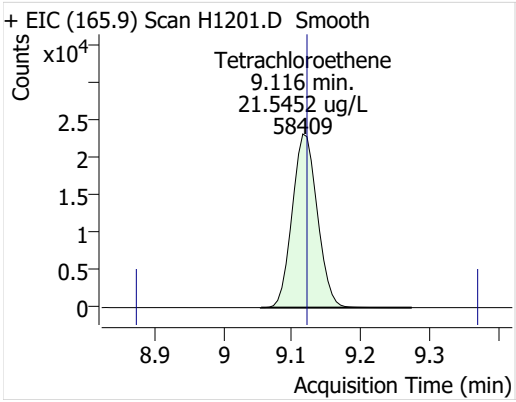
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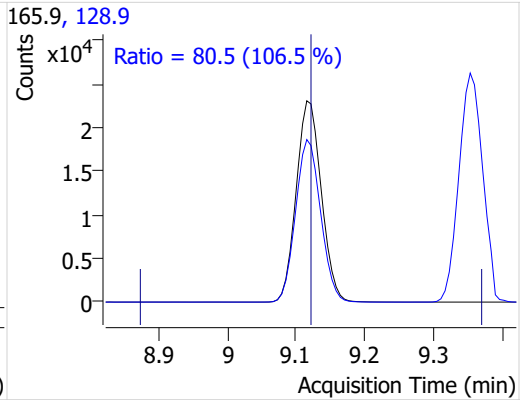


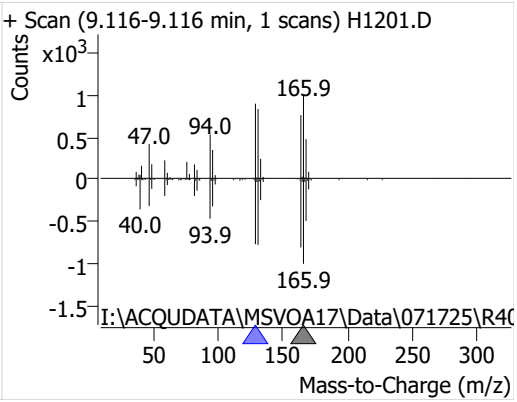




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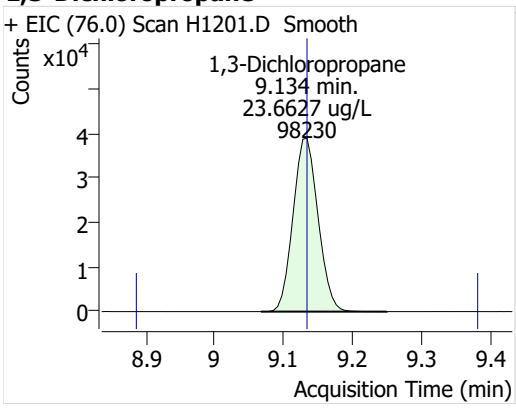


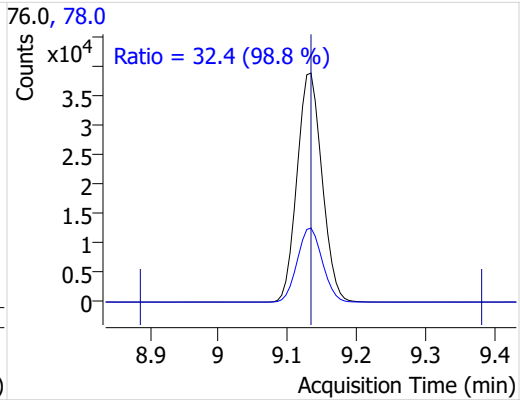


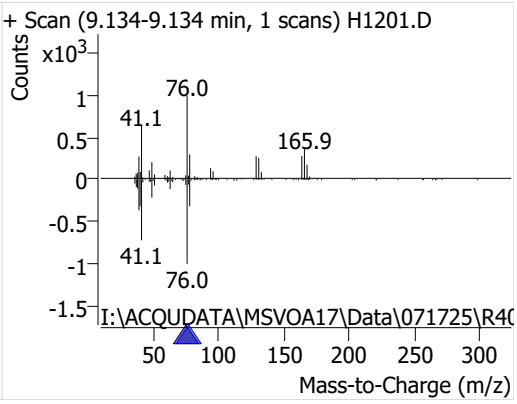


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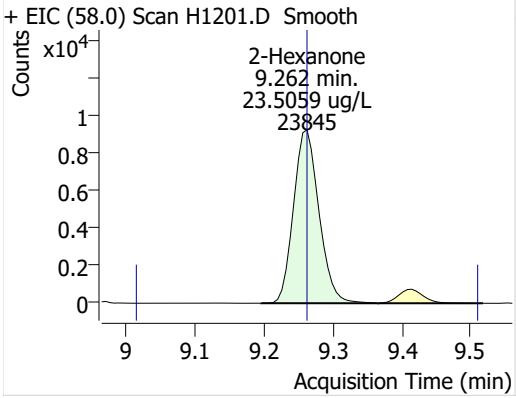
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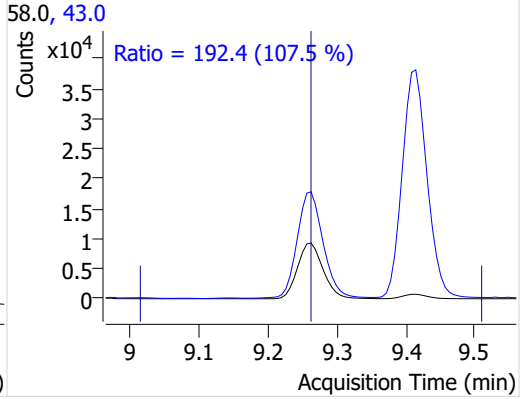


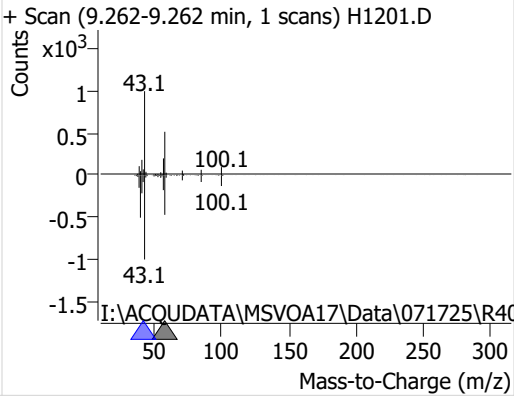




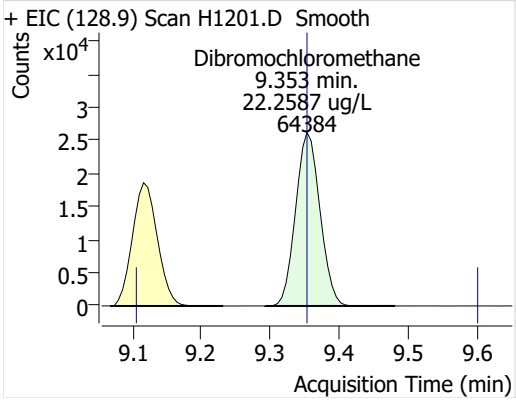
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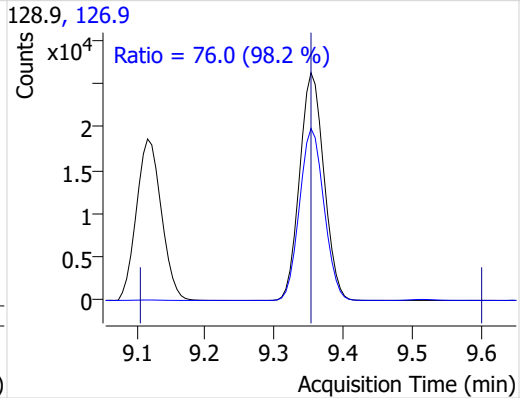


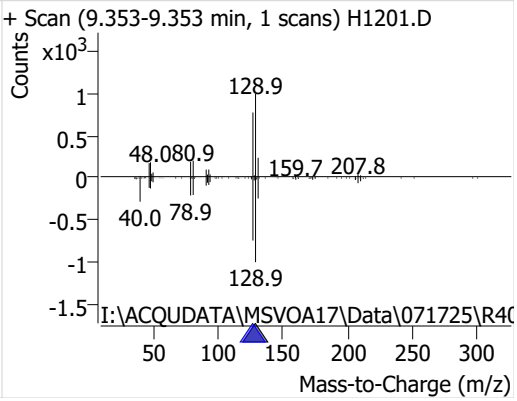




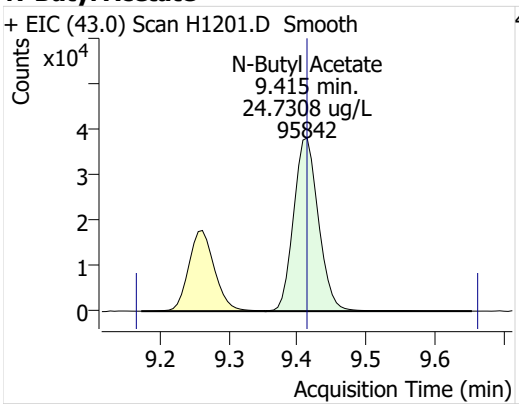
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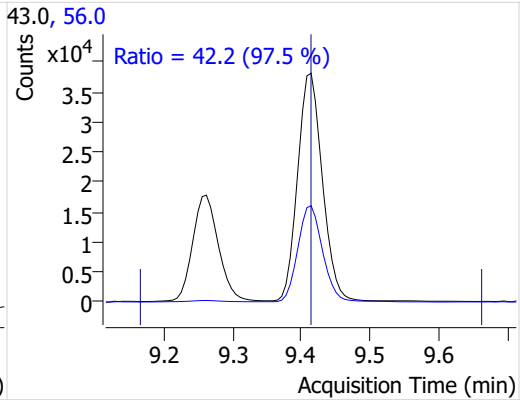


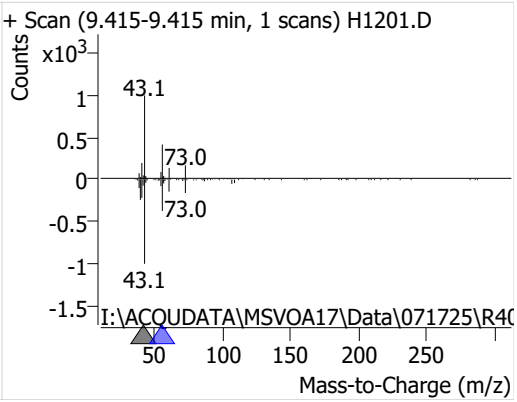




N-Butyl Acetate

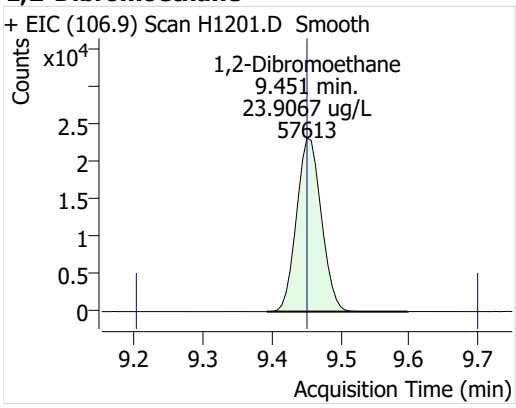


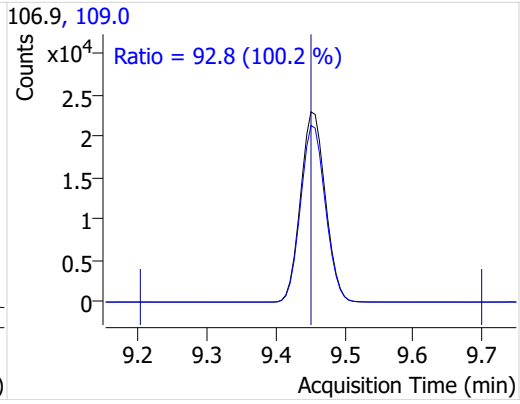


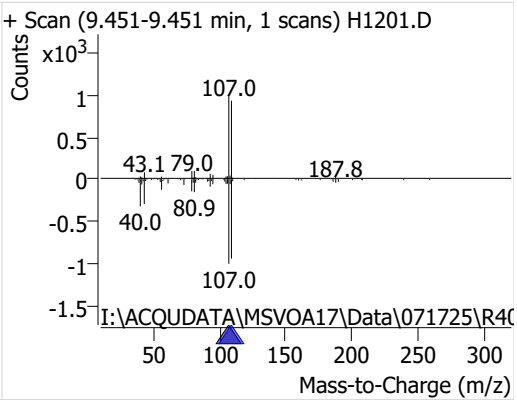


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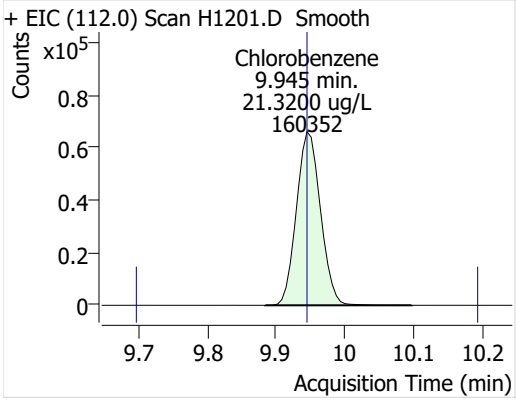
1,2-Dibromoethane

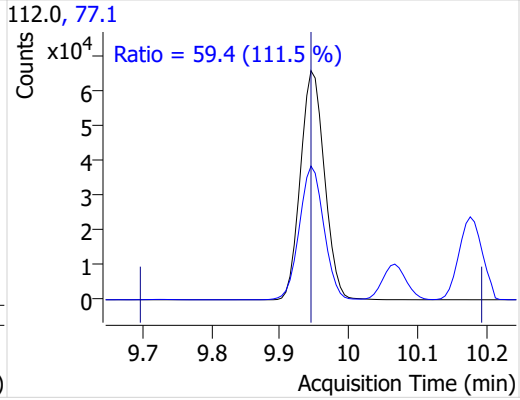


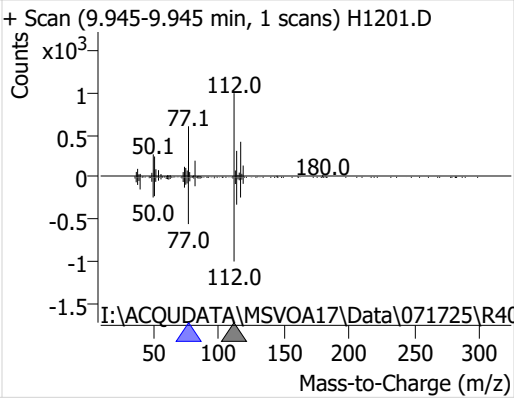




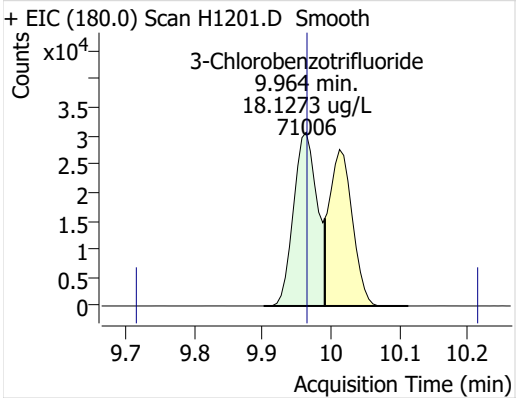
Chlorobenzene

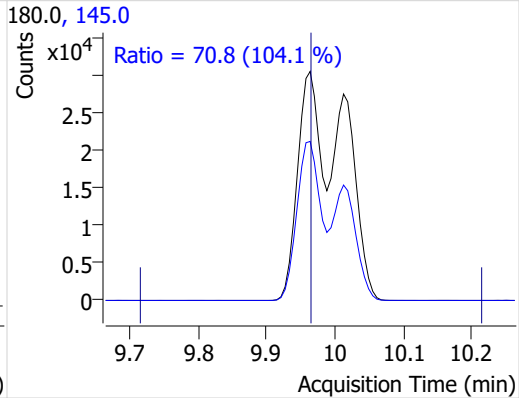


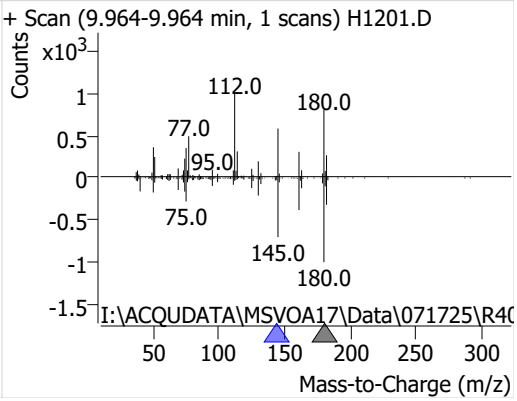




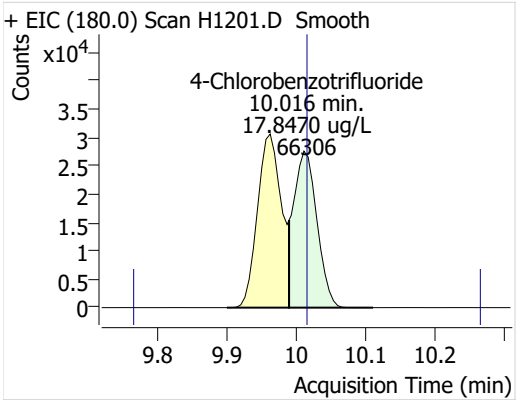
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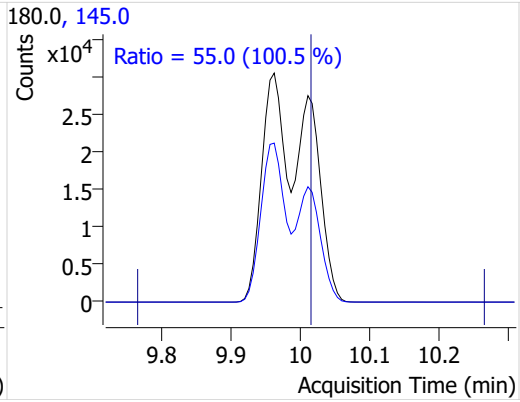


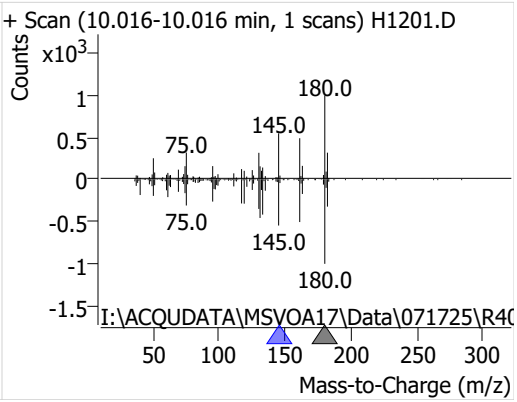




4-Chlorobenzotrifluoride

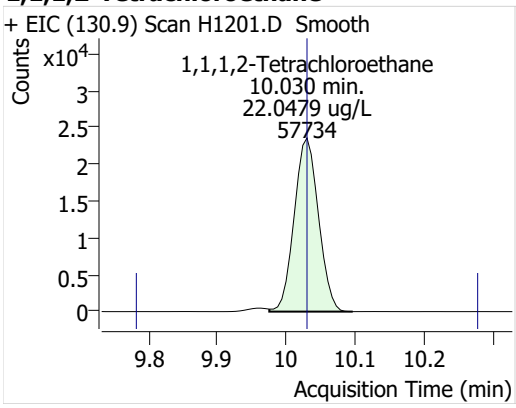


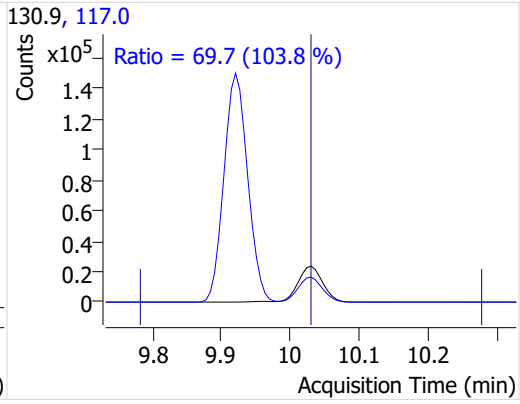


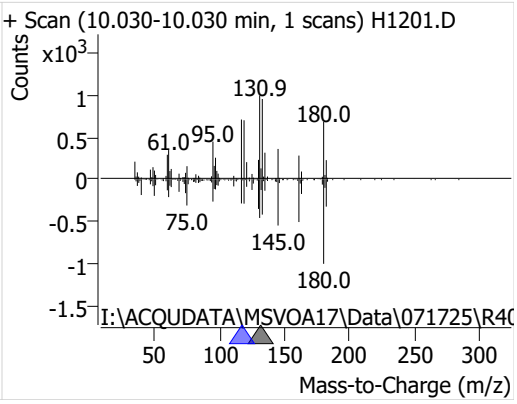


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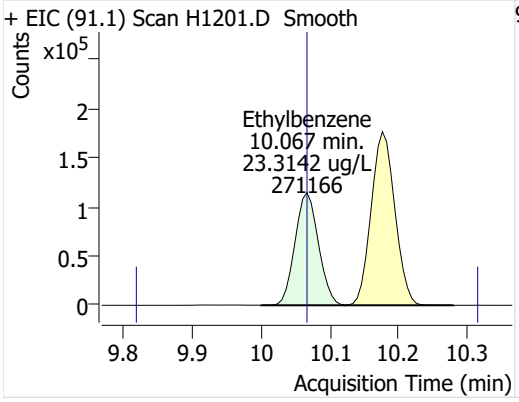
1,1,1,2-Tetrachloroethane

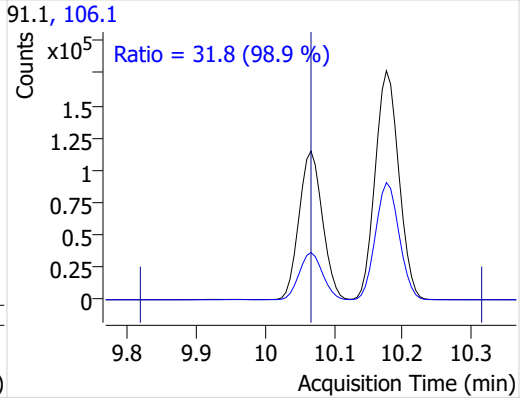


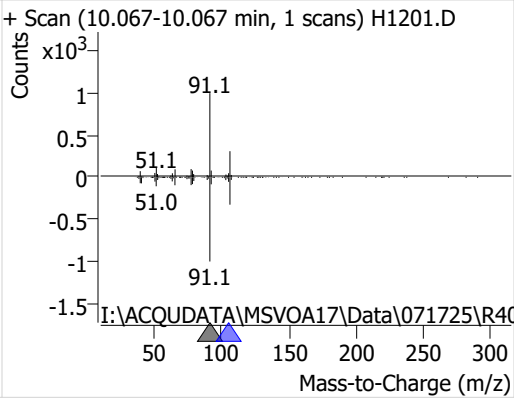




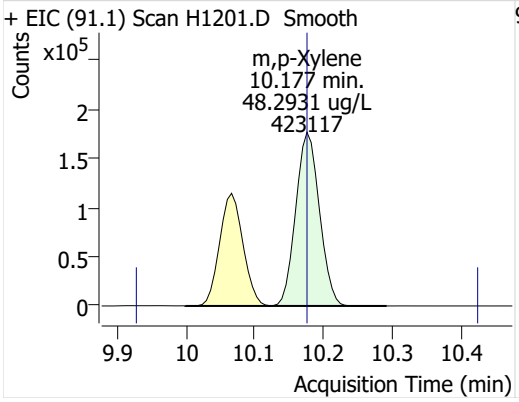
Ethylbenzene

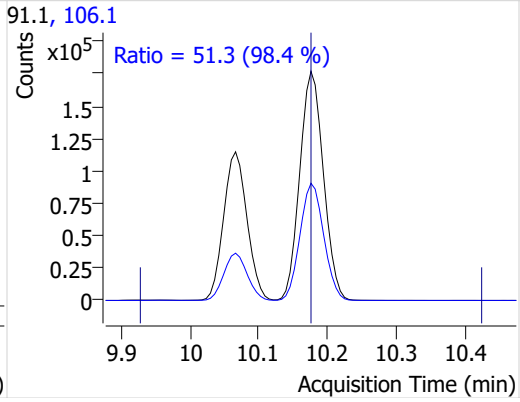


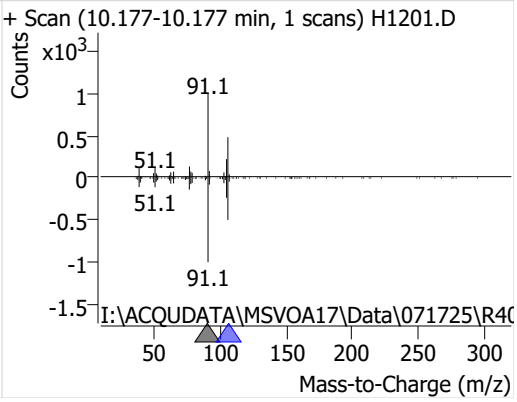




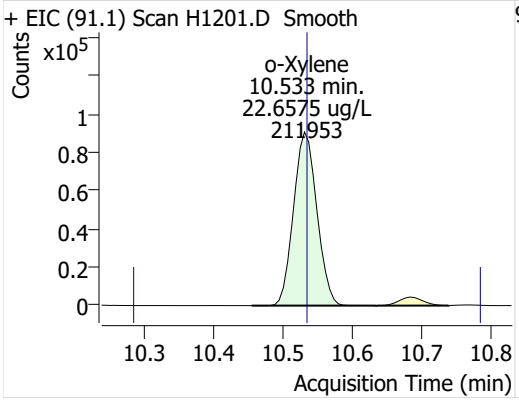
m,p-Xylene

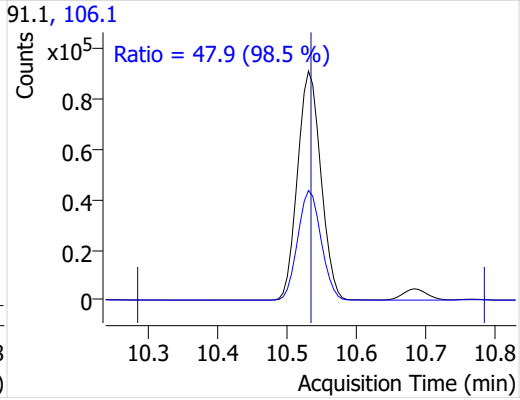


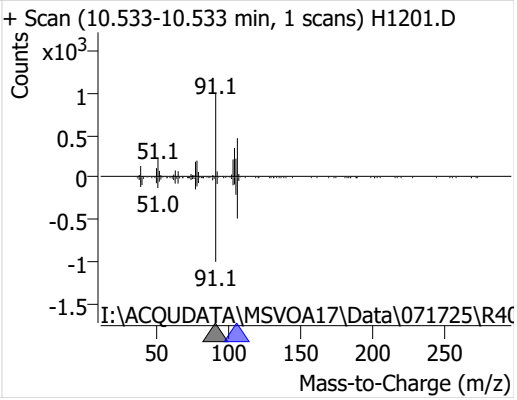




o-Xylene

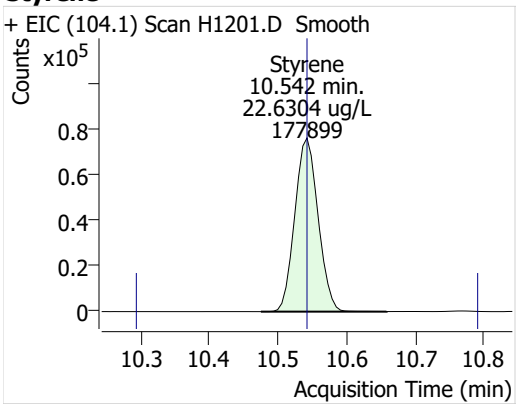


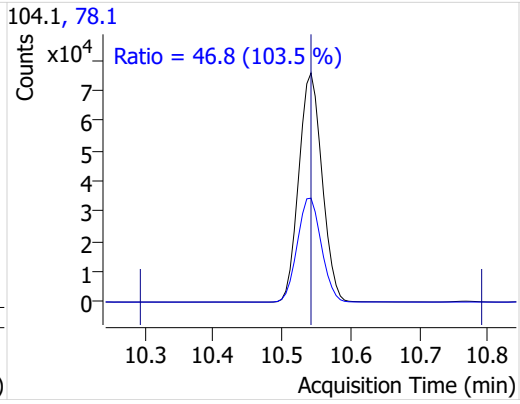


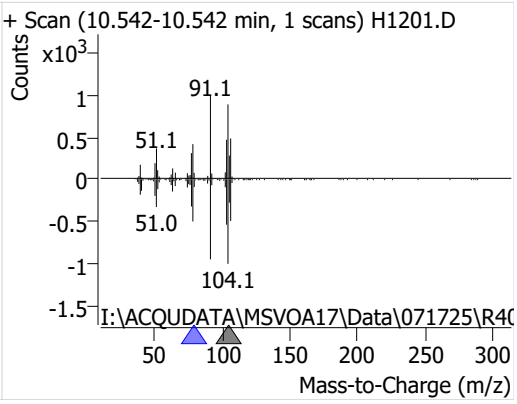


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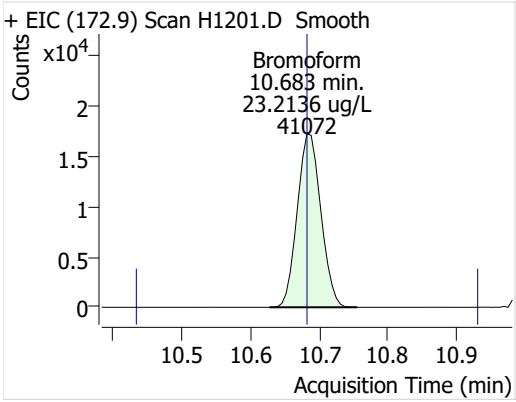
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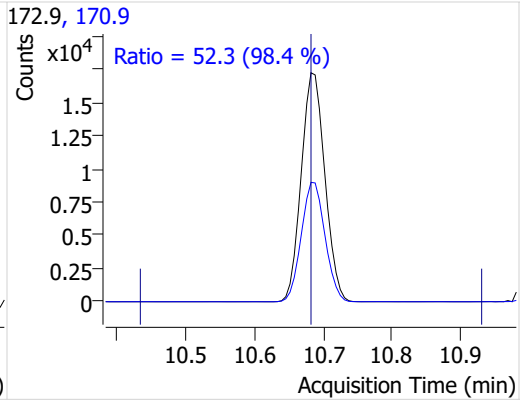


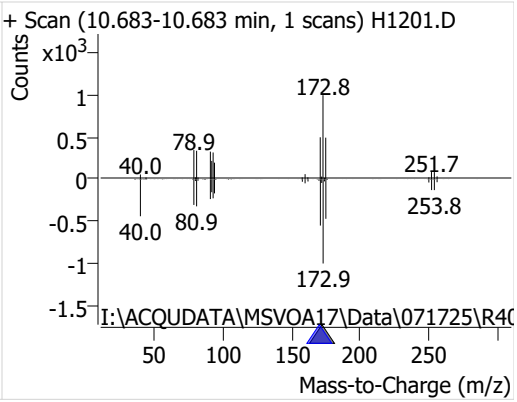




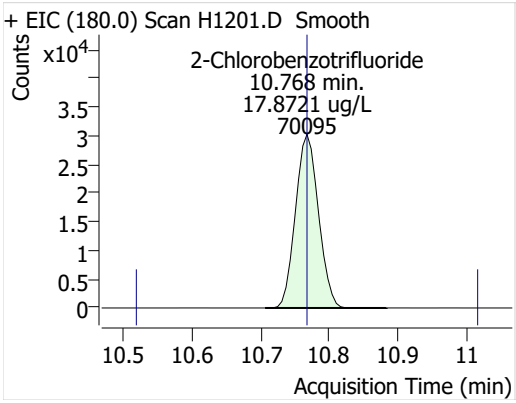
Bromoform

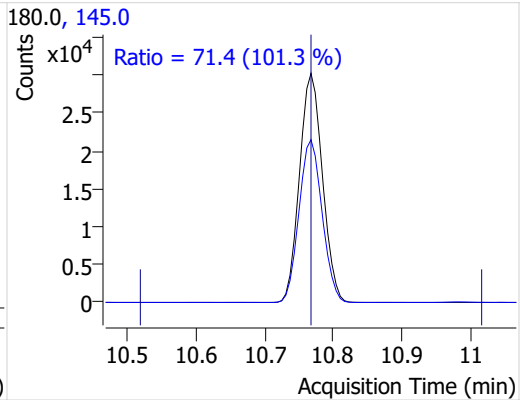


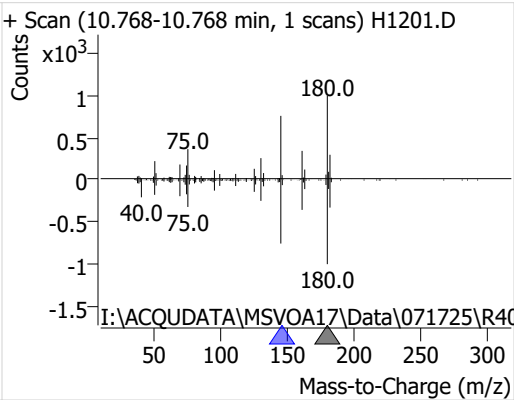




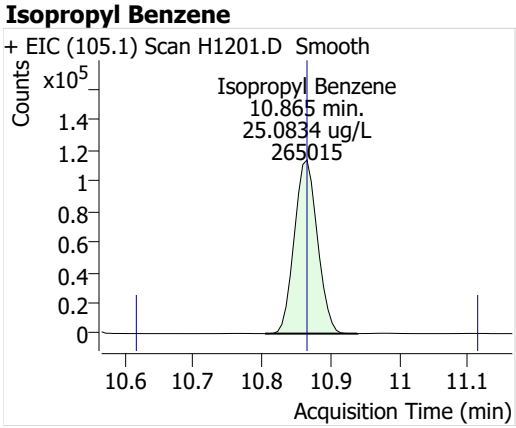
2-Chlorobenzotrifluoride

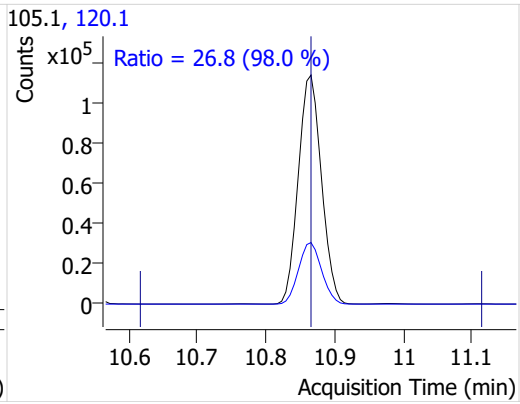


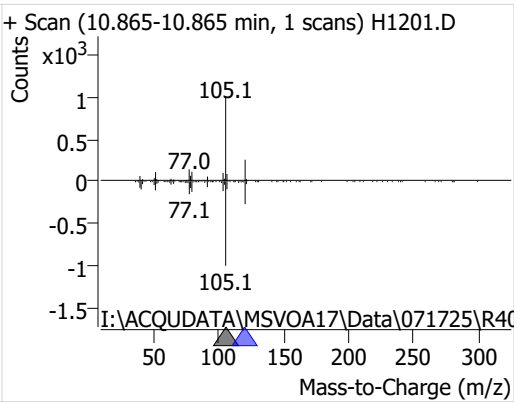




Isopropyl Benzene

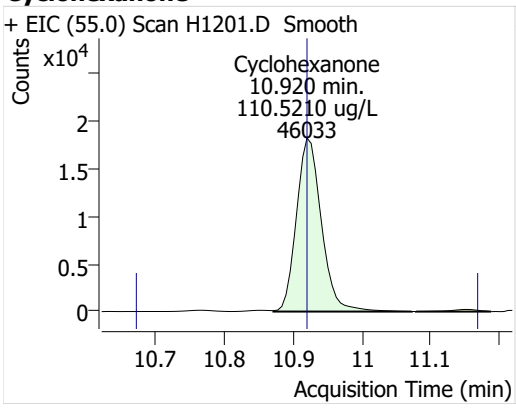


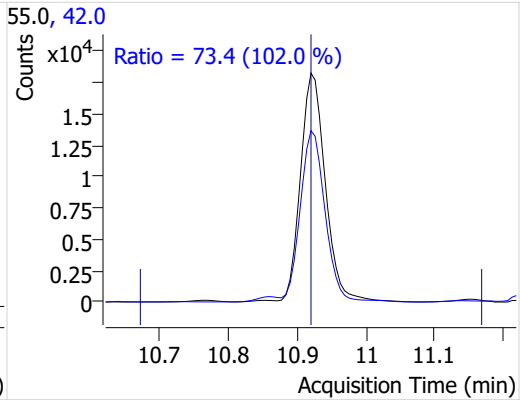


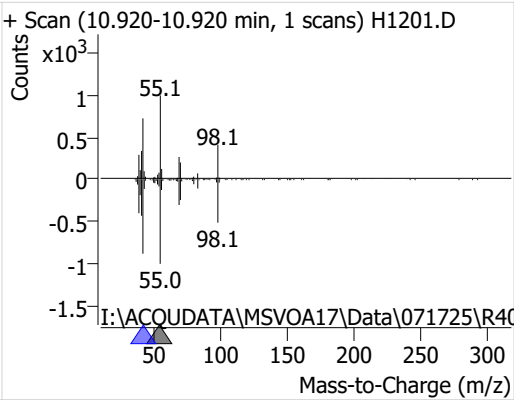


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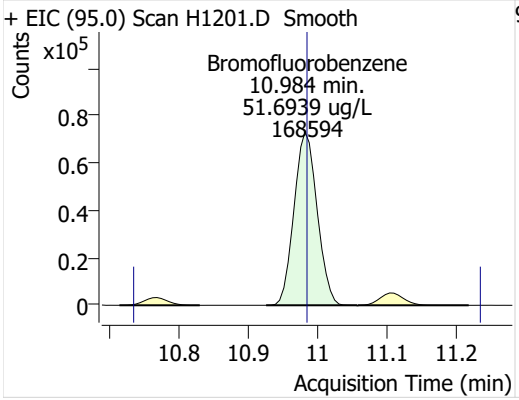
Cyclohexanone

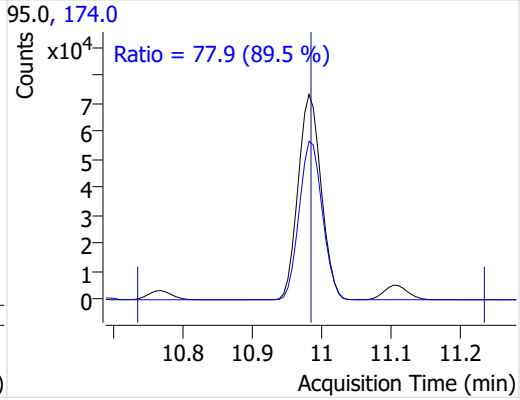


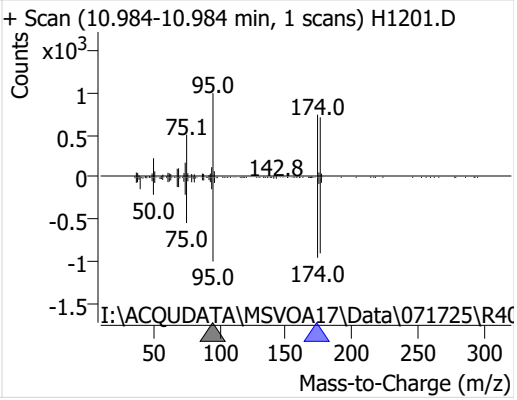




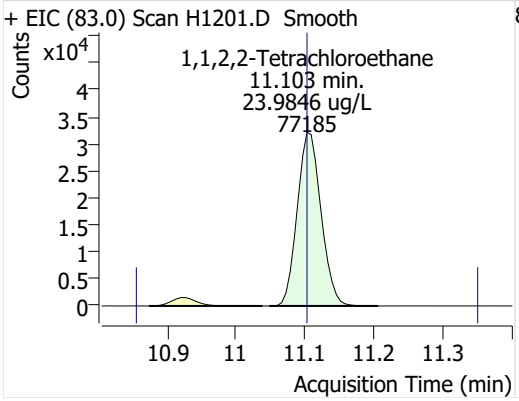
Bromofluorobenzene

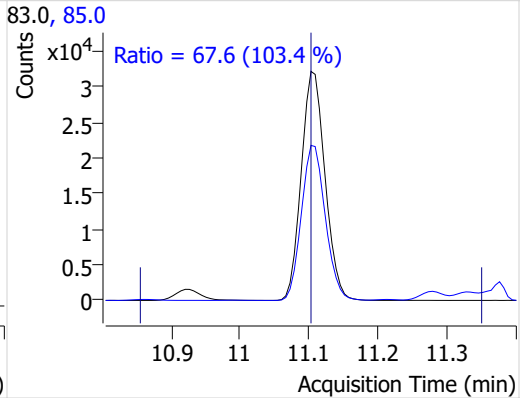


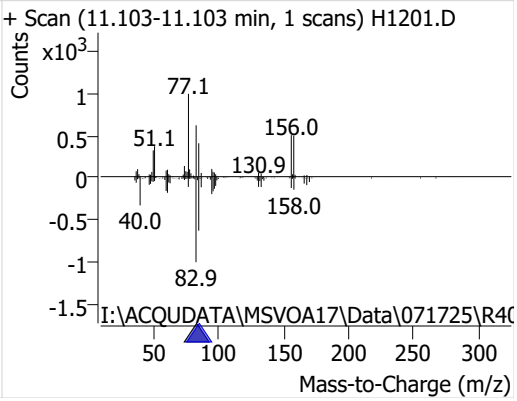




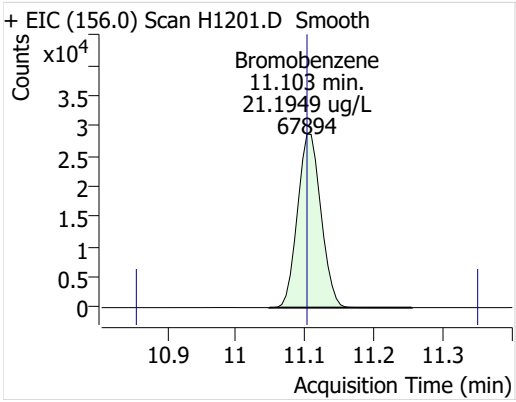
1,1,2,2-Tetrachloroethane

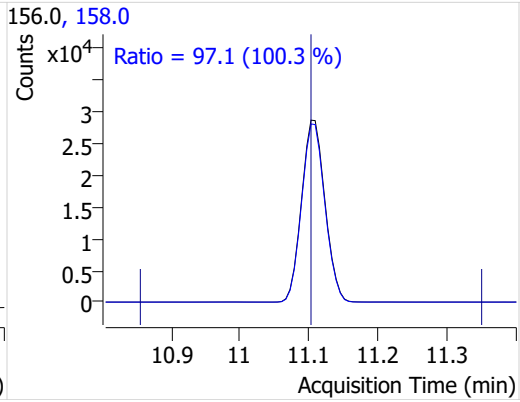


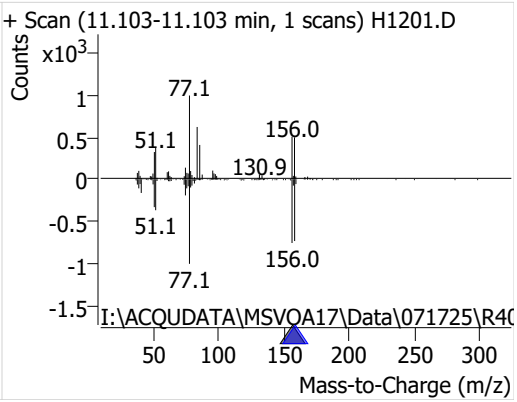




Bromobenzene

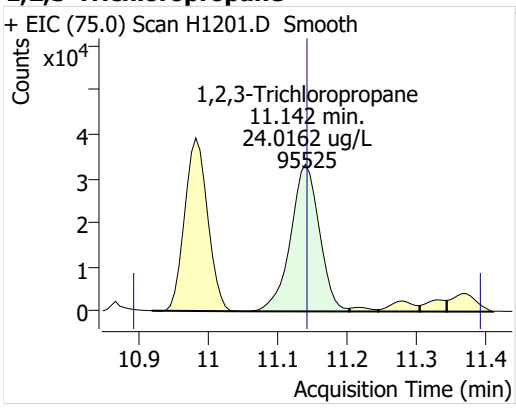


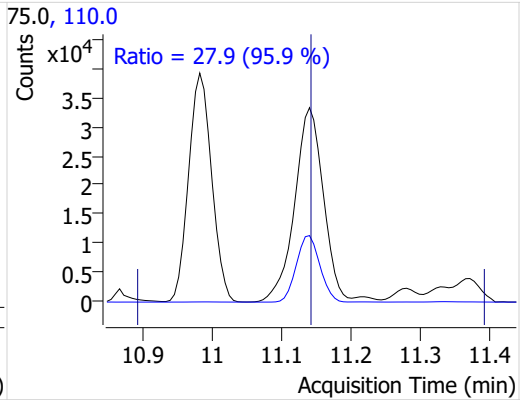


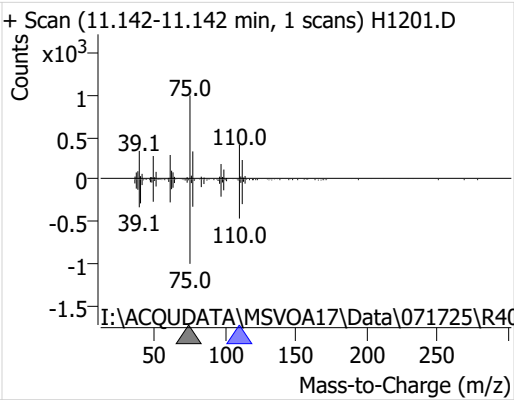


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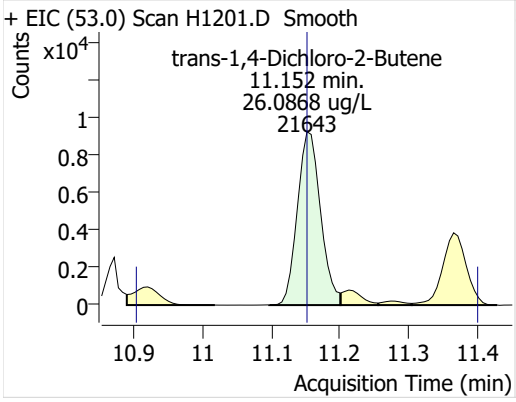
1,2,3-Trichloropropane

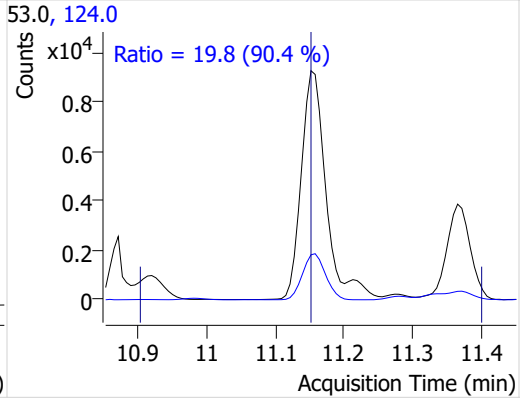


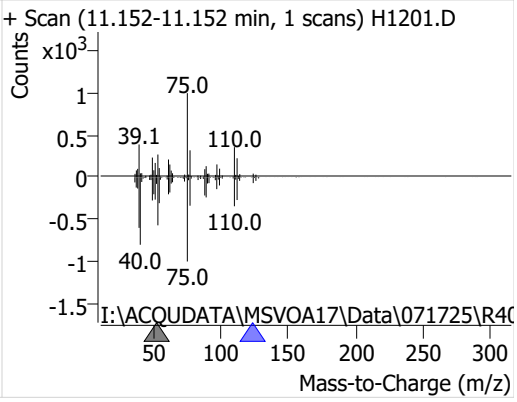




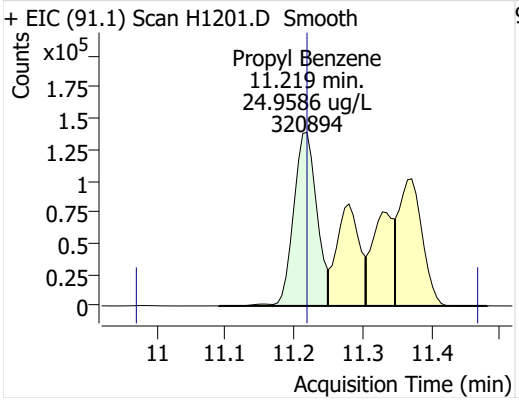
trans-1,4-Dichloro-2-Butene

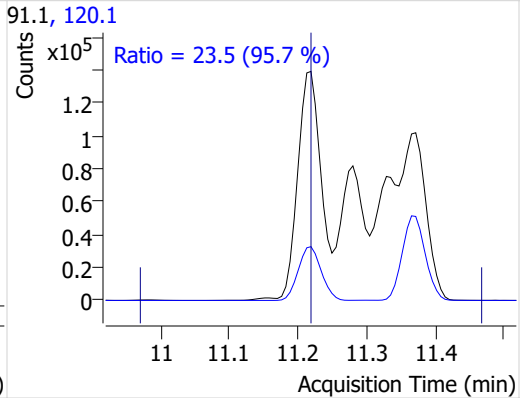


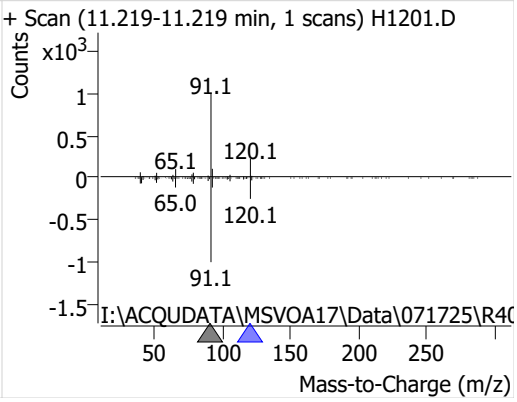




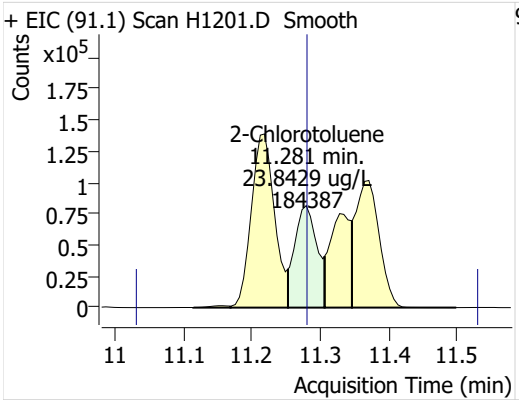
Propyl Benzene

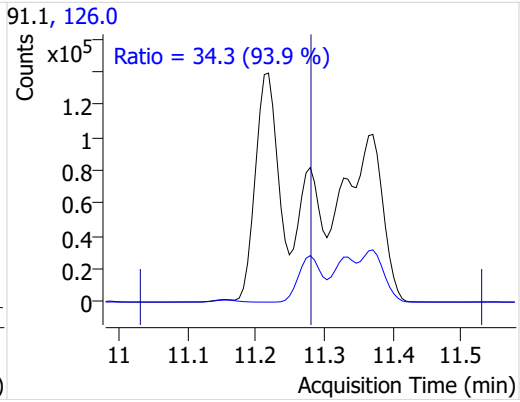


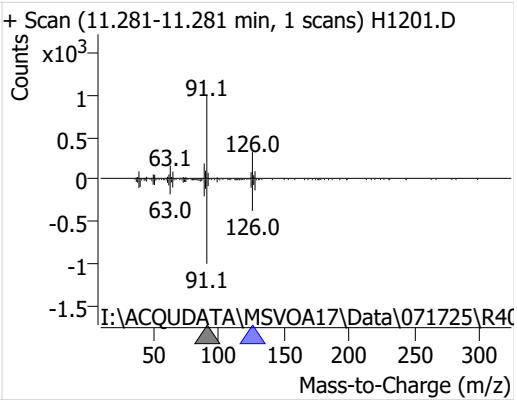




2-Chlorotoluene

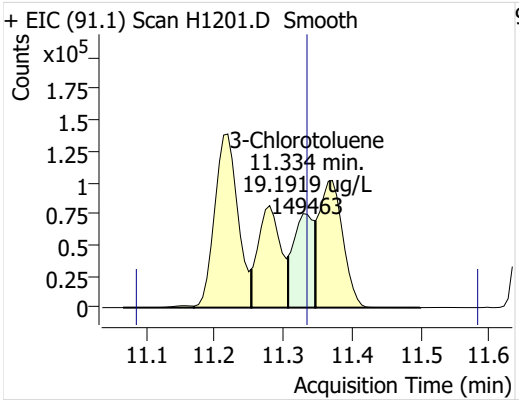


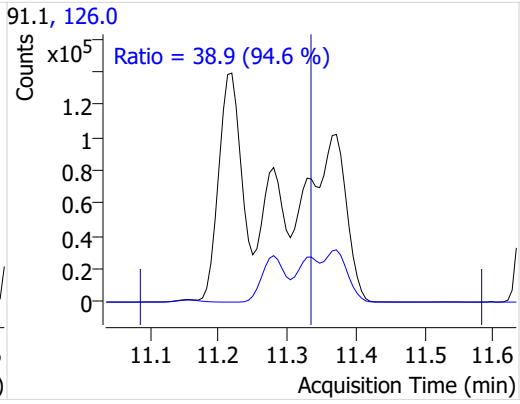


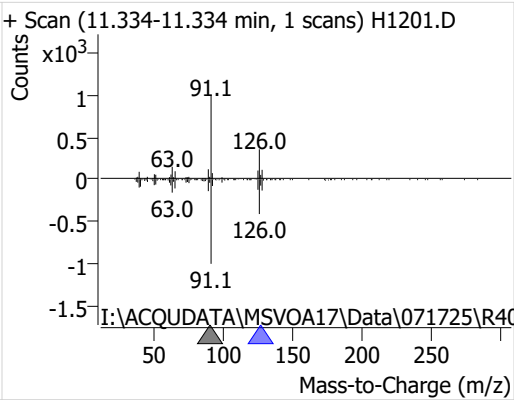


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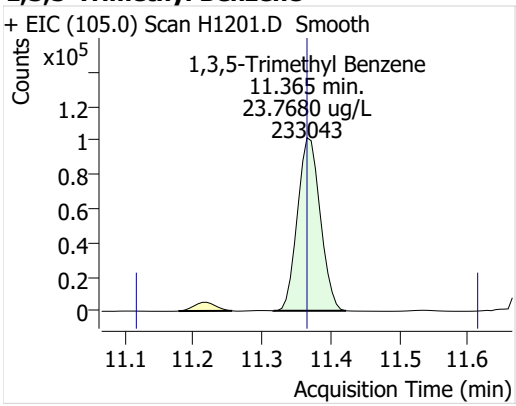
3-Chlorotoluene

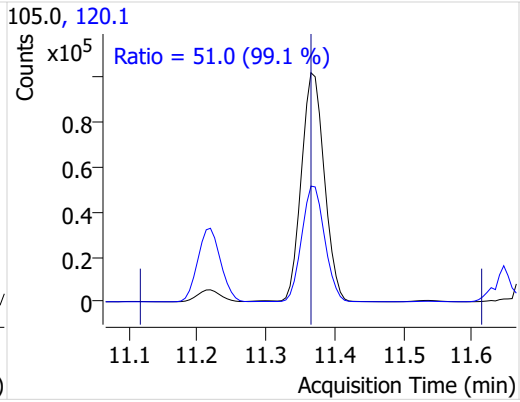


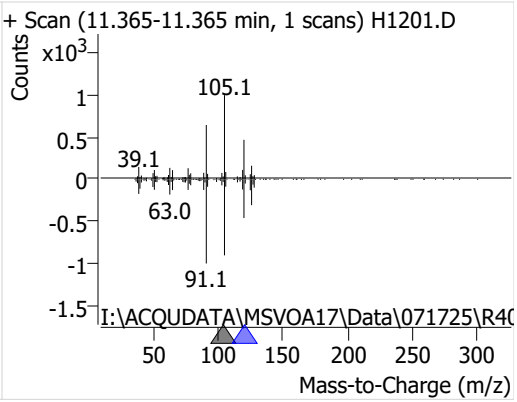




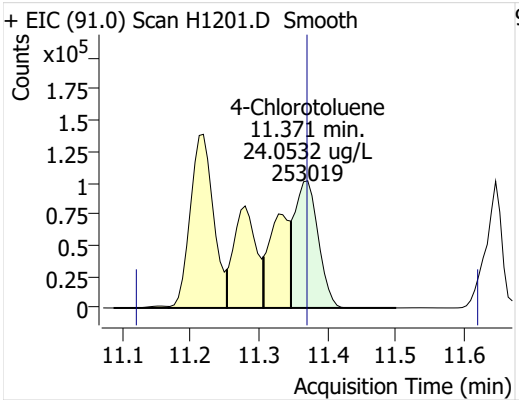
1,3,5-Trimethyl Benzene

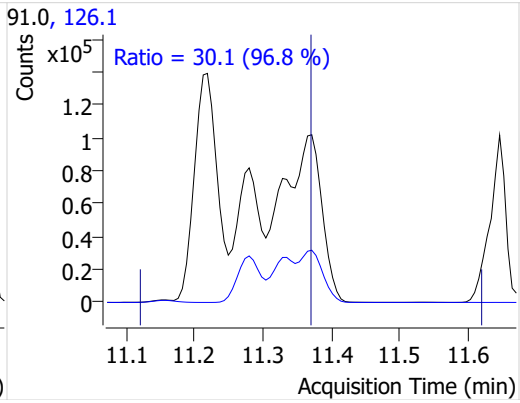


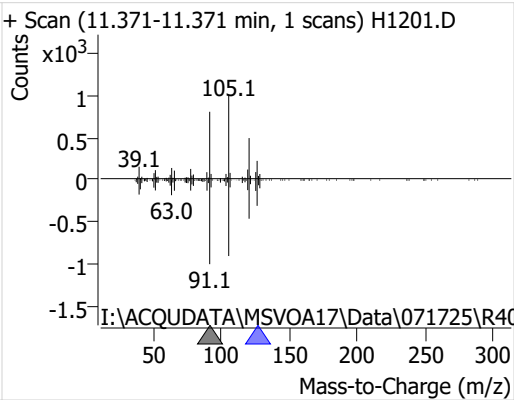




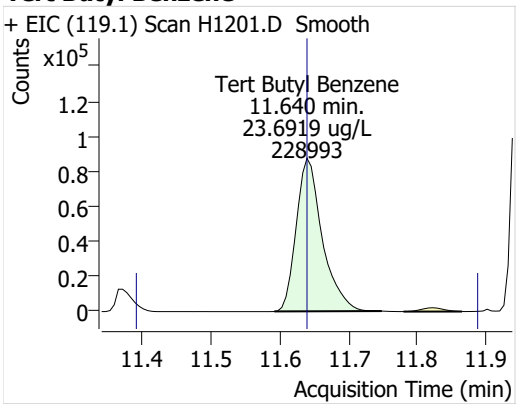
4-Chlorotoluene

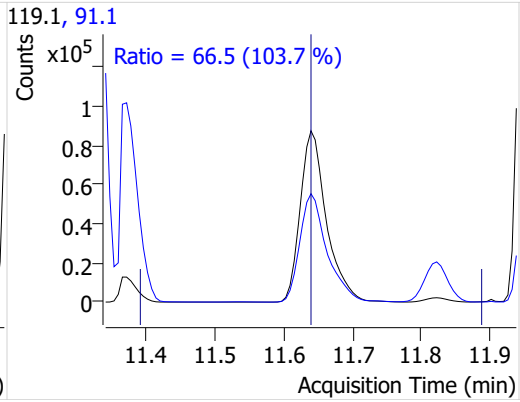


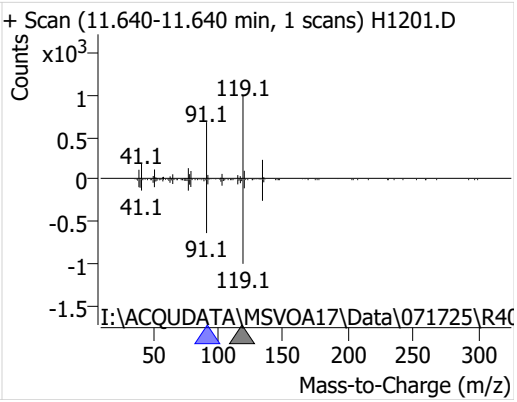




Tert Butyl Benzene

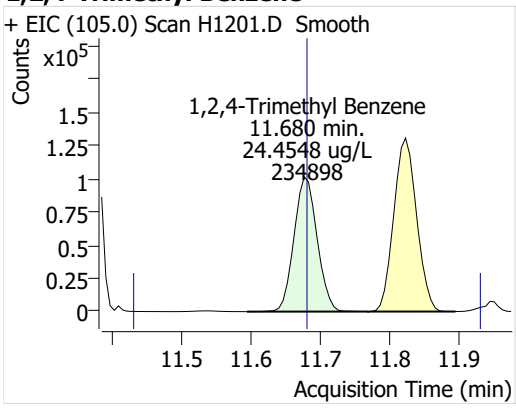


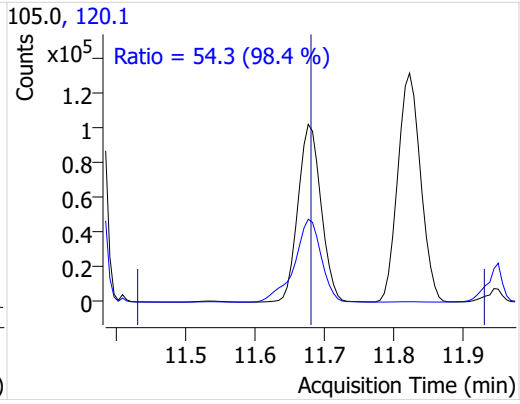


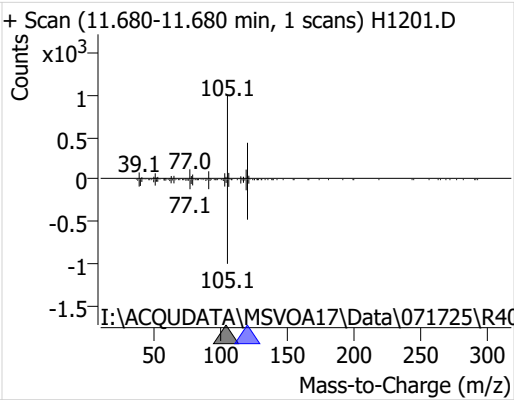


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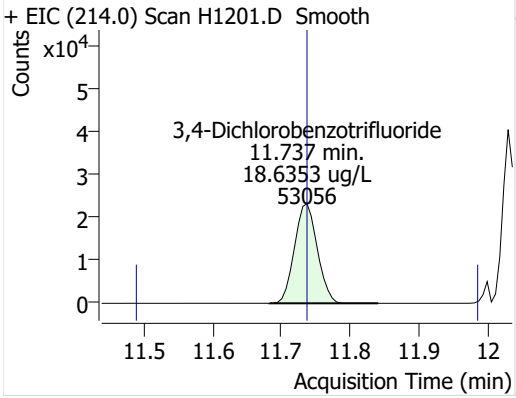
1,2,4-Trimethyl Benzene

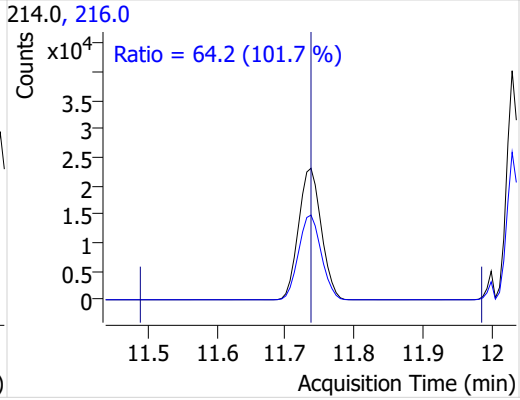


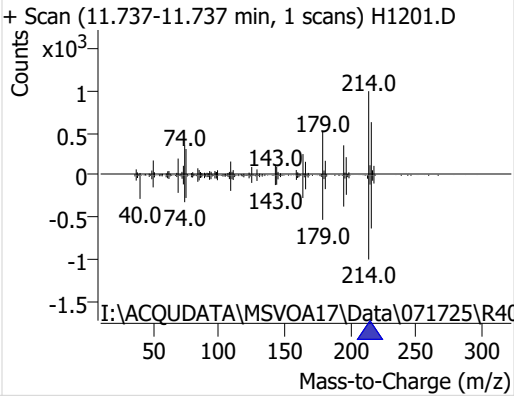




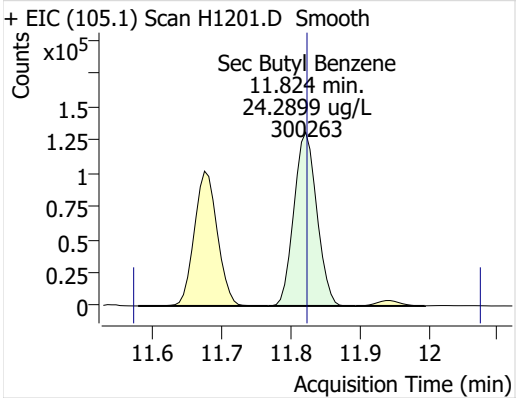
3,4-Dichlorobenzotrifluoride

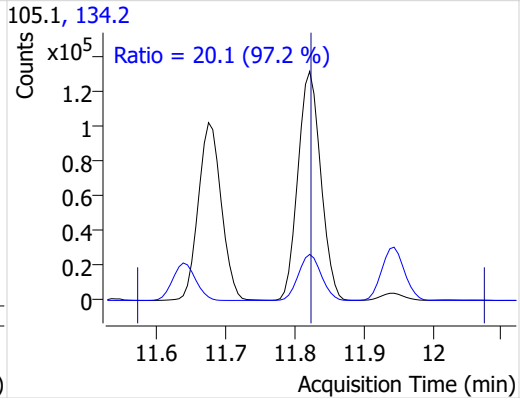


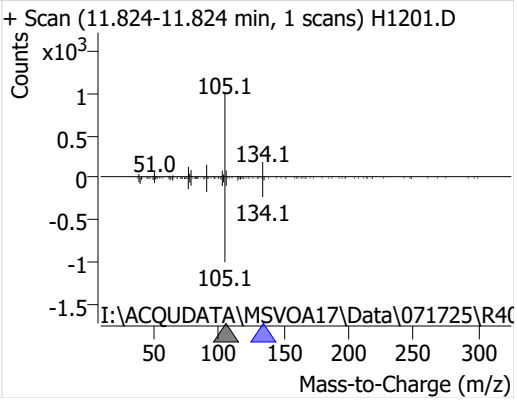




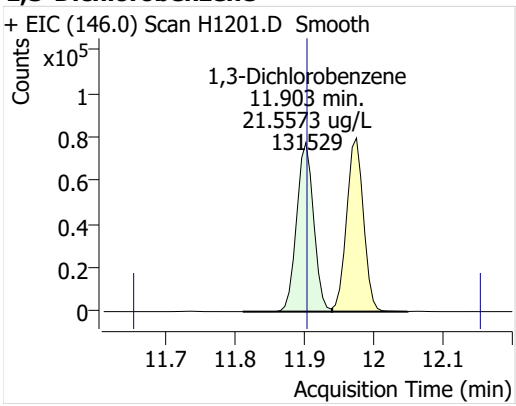
Sec Butyl Benzene

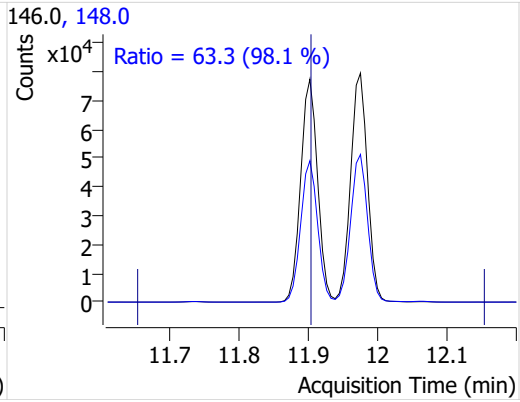


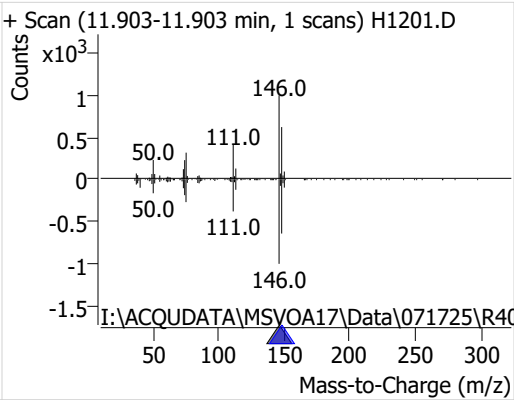




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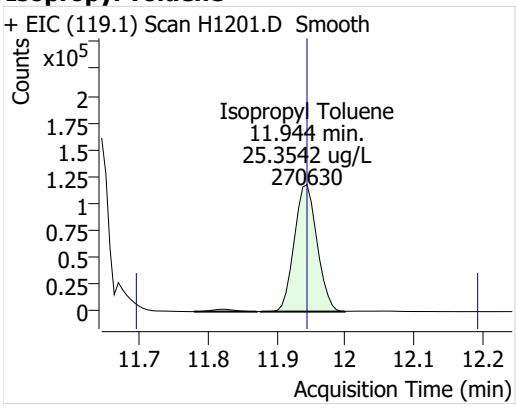


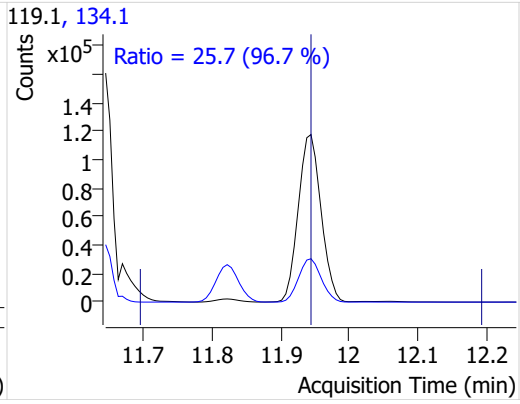


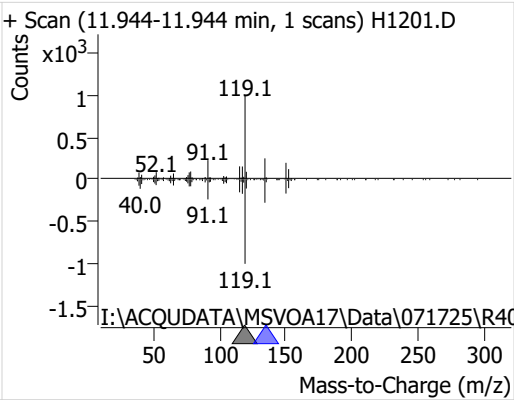


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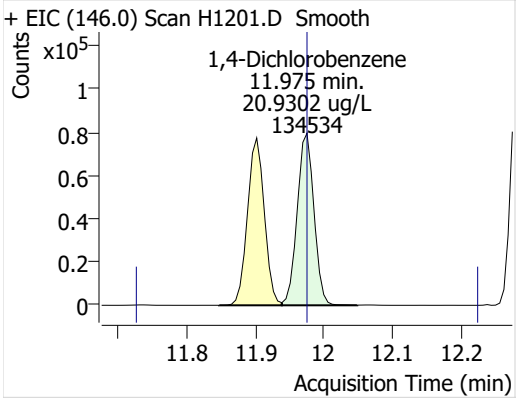
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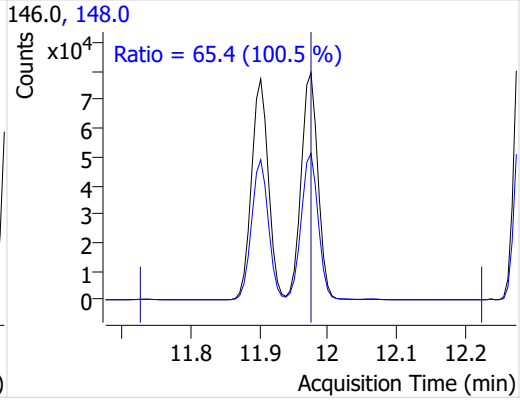


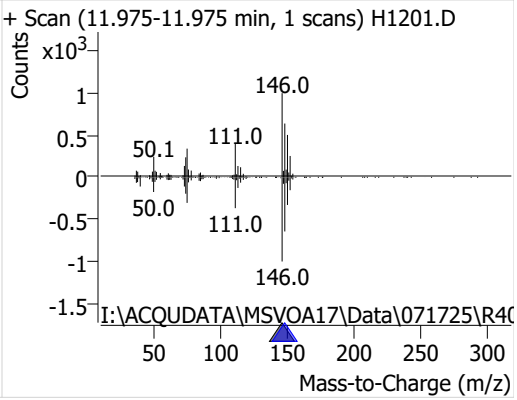




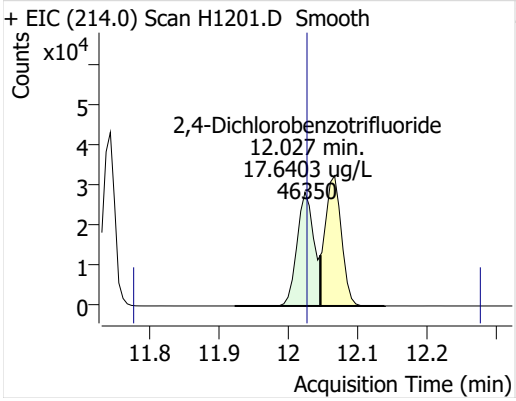
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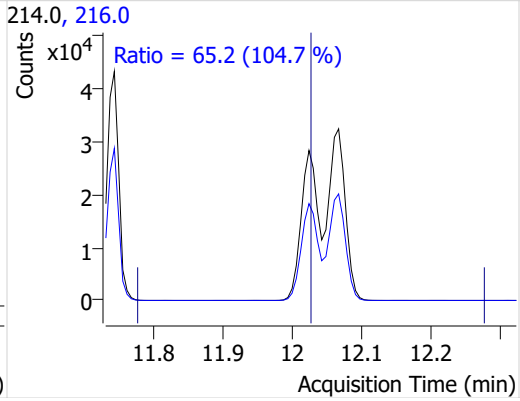


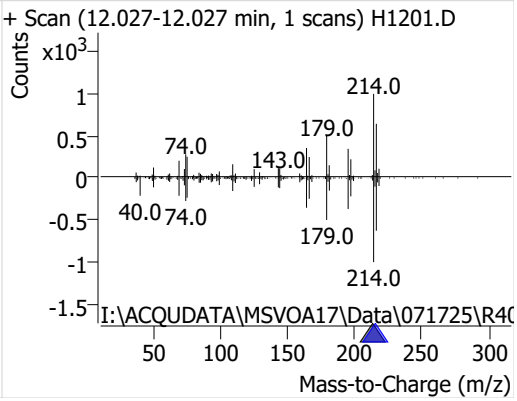




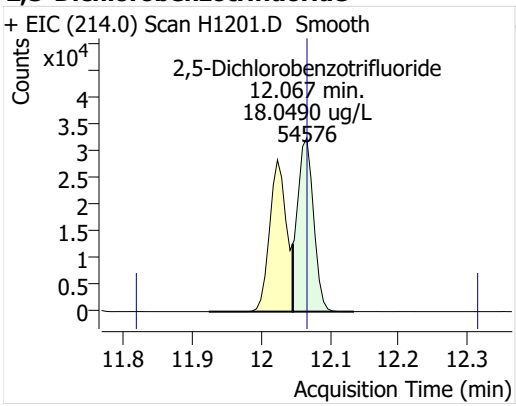
2,4-Dichlorobenzotrifluoride

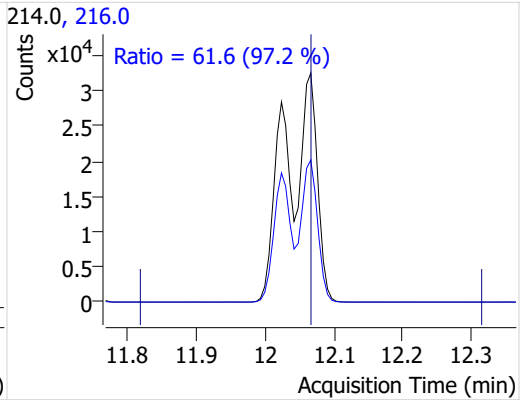


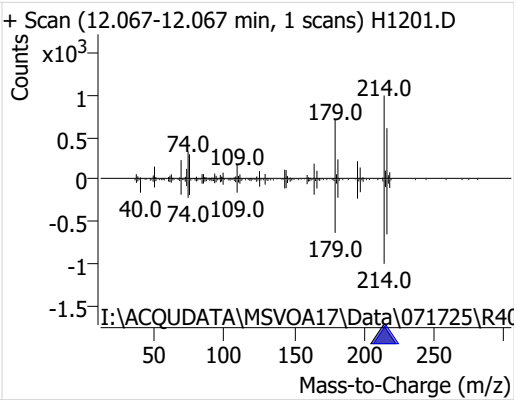




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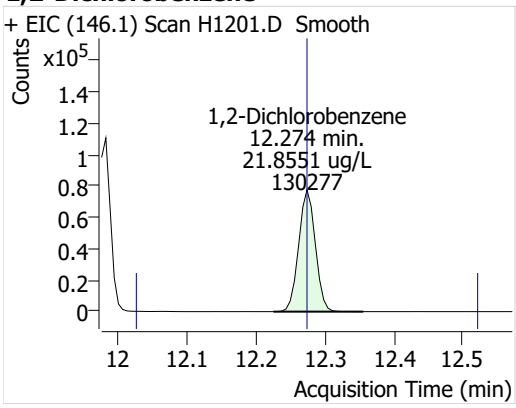


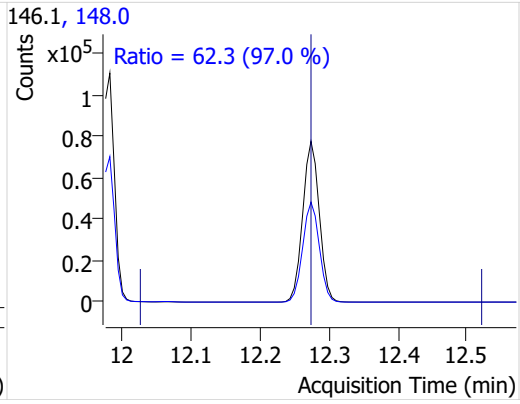


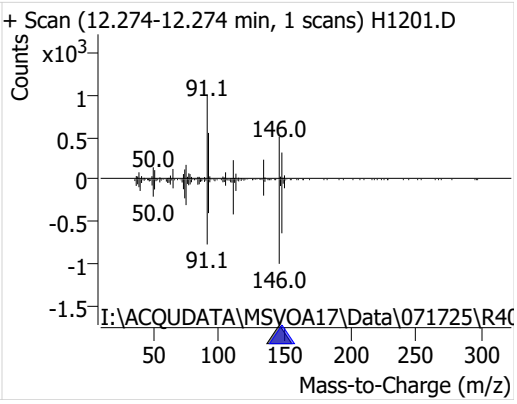


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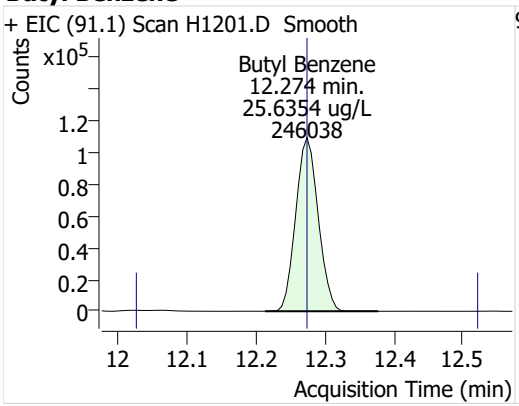
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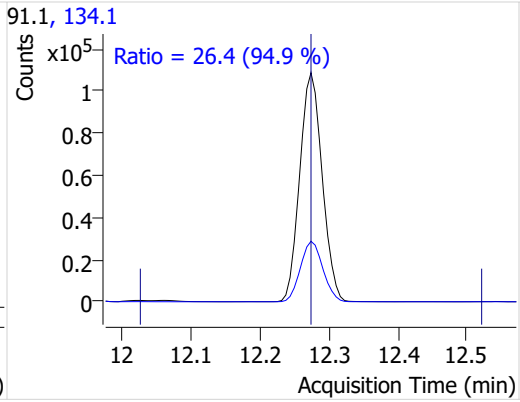


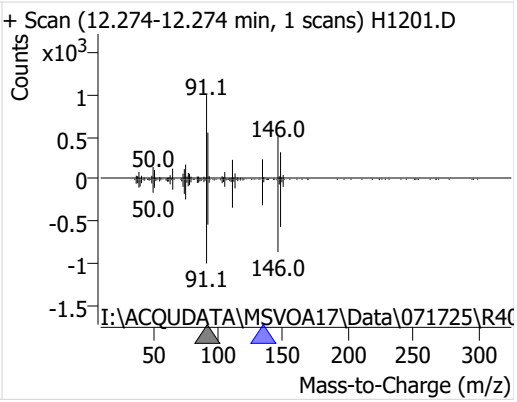




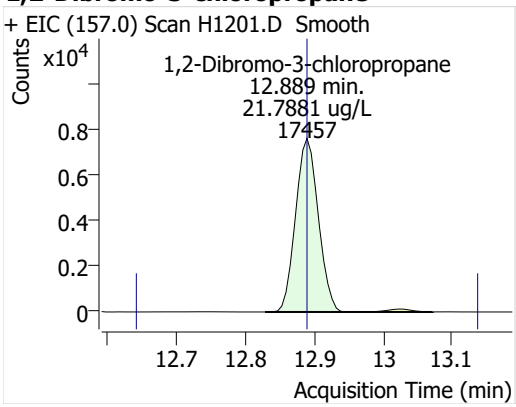
Butyl Benzene

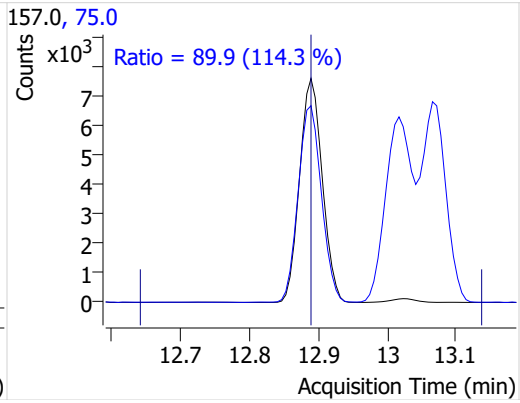


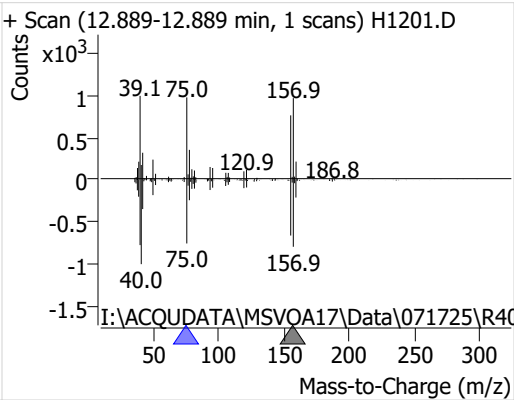




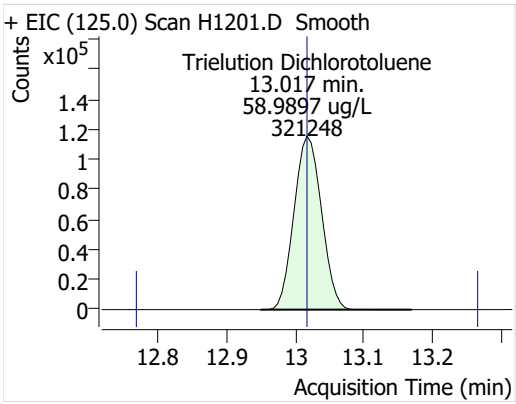
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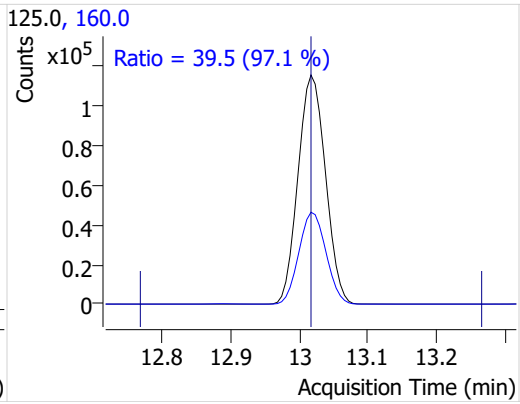


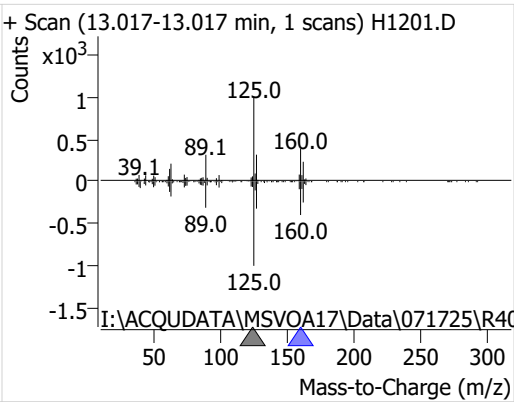




Trielution Dichlorotoluene

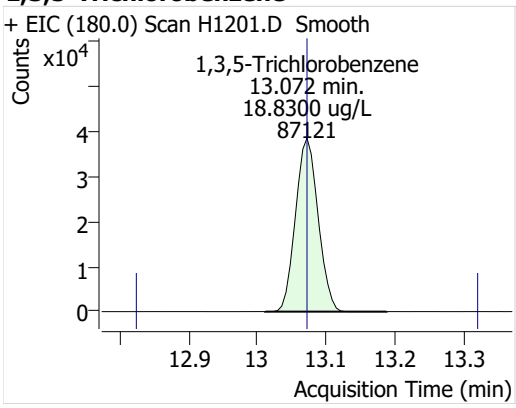


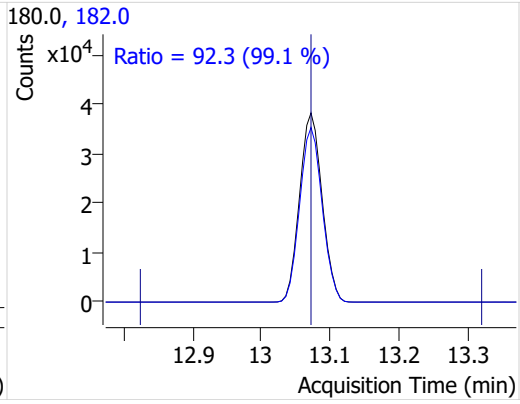


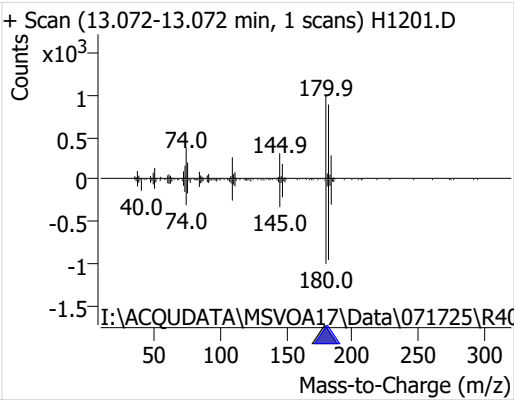


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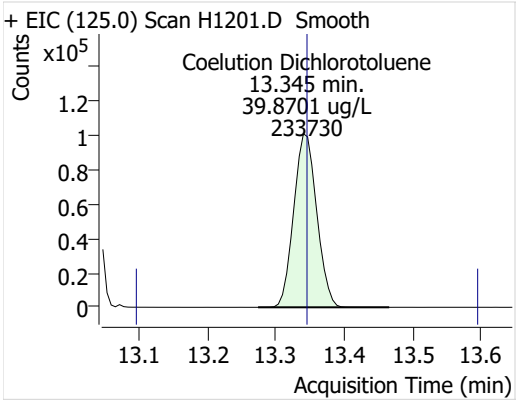
1,3,5-Trichlorobenzene

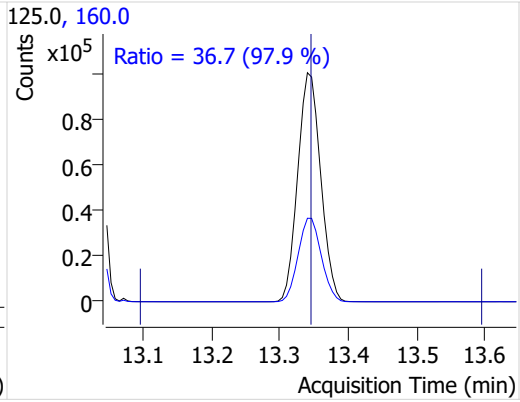


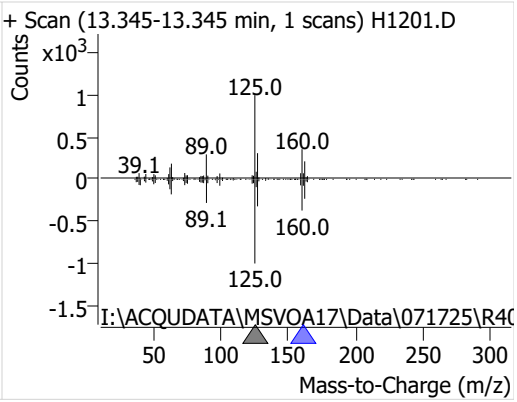




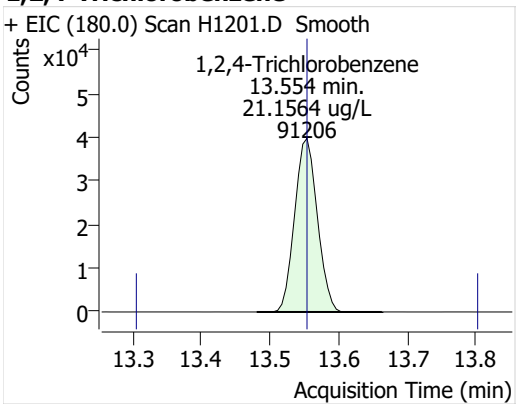
Coelution Dichlorotoluene

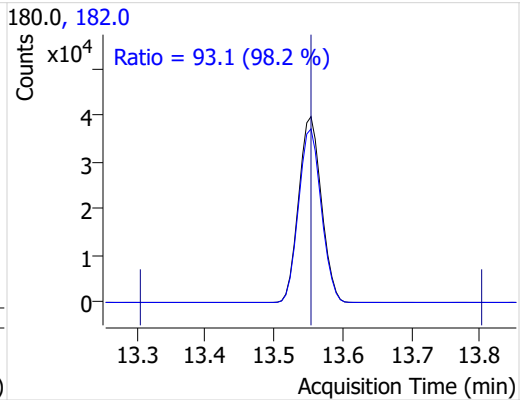


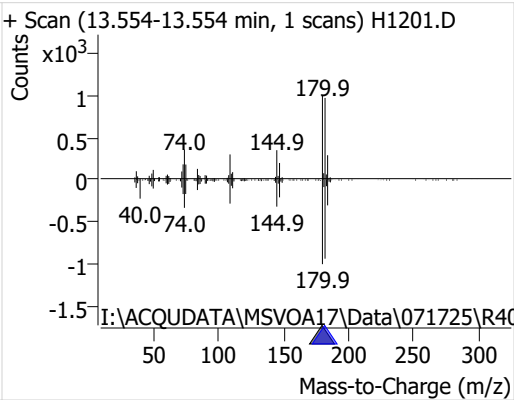




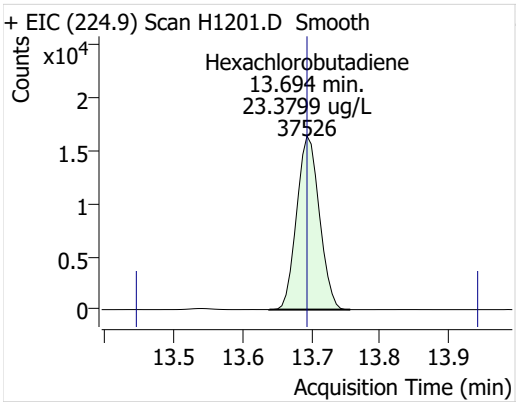
1,2,4-Trichlorobenzene

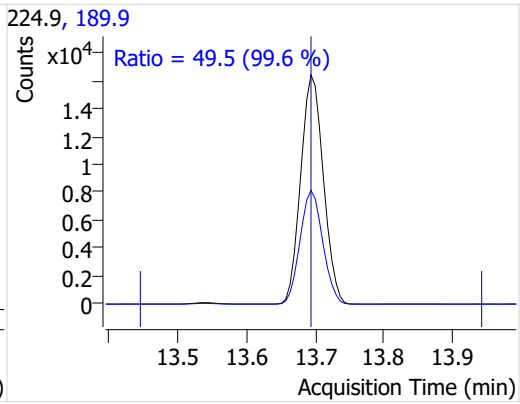


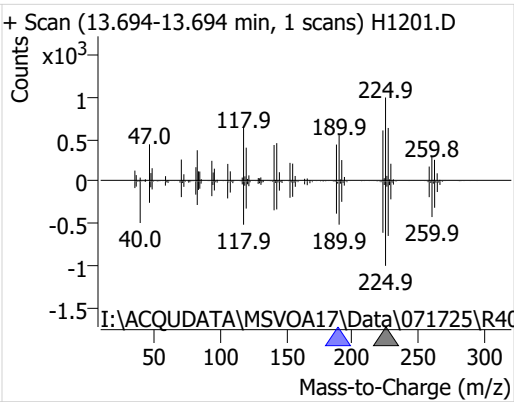




Hexachlorobutadiene

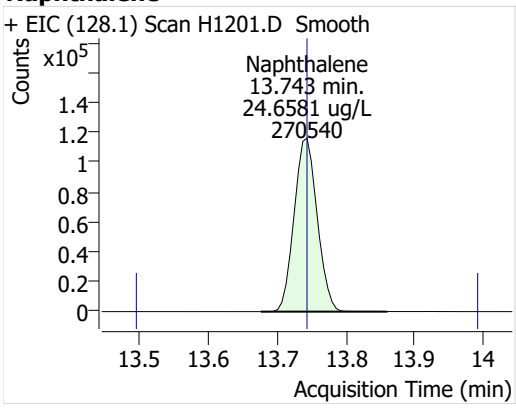


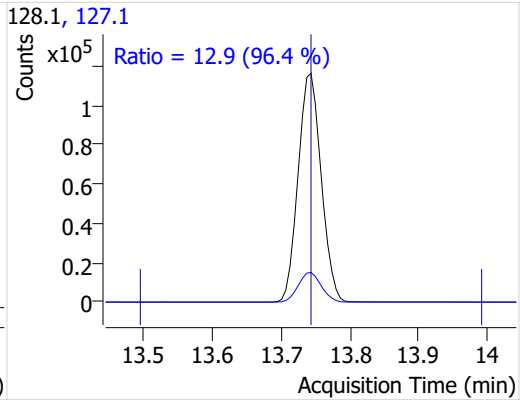


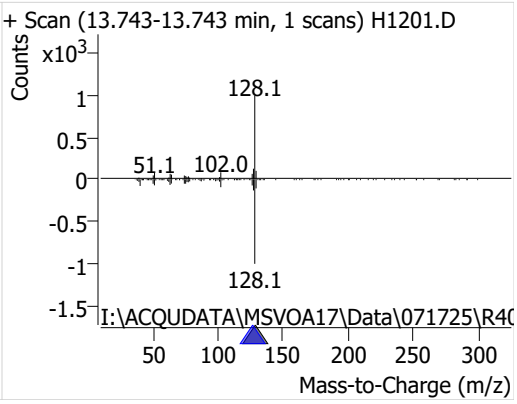


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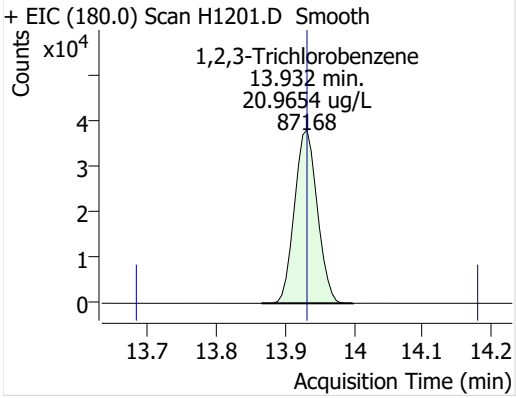
Naphthalene

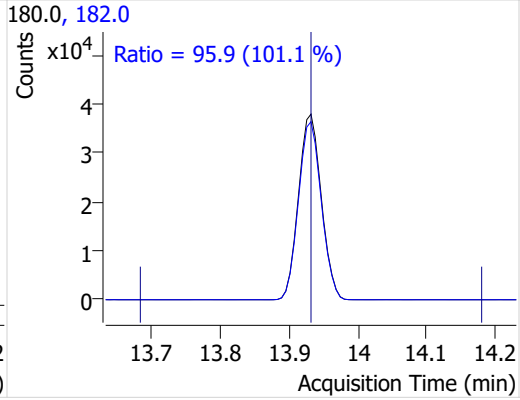


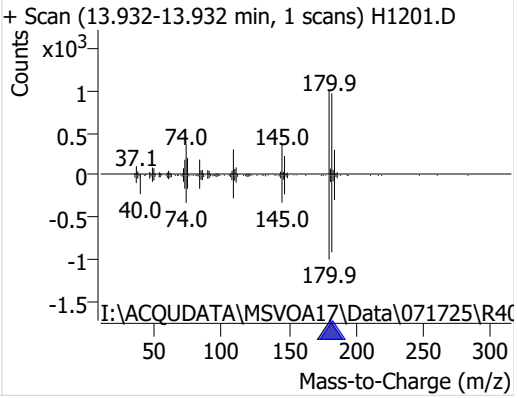




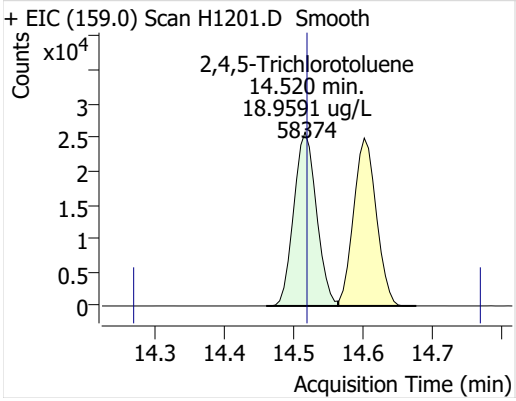
1,2,3-Trichlorobenzene

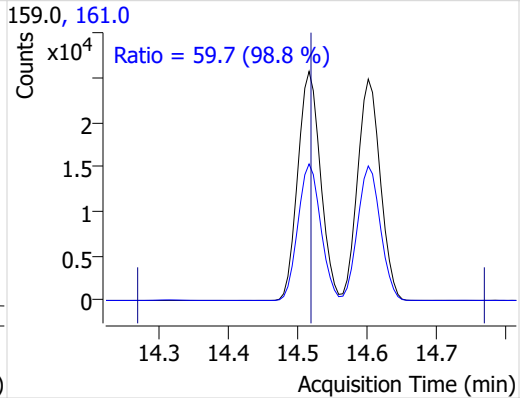


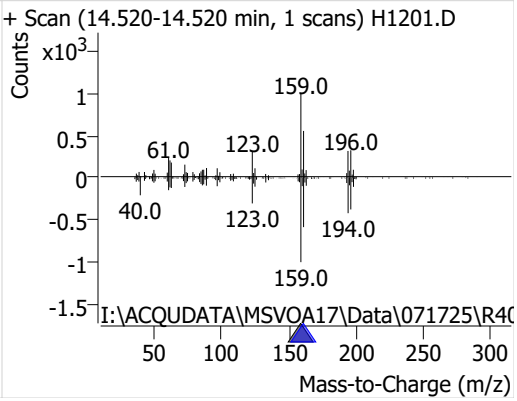




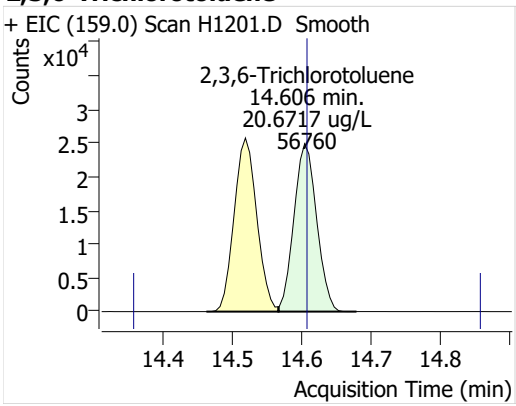
2,4,5-Trichlorotoluene

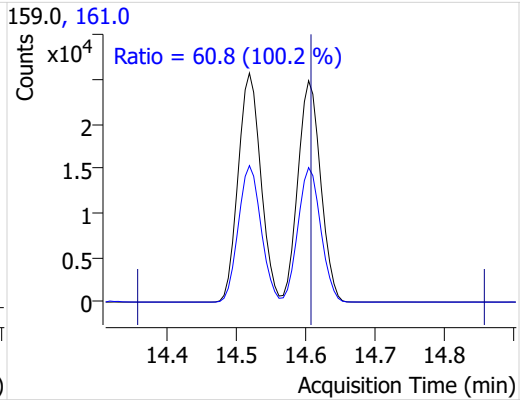


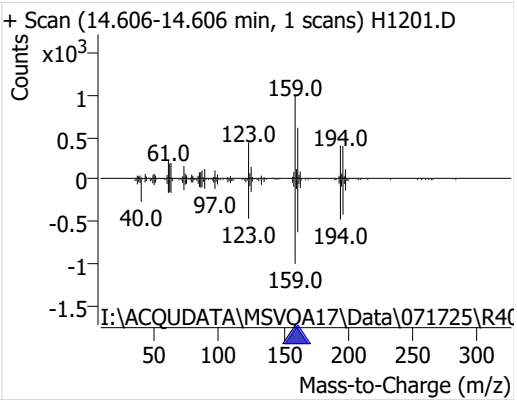




2,3,6-Trichlorotoluene





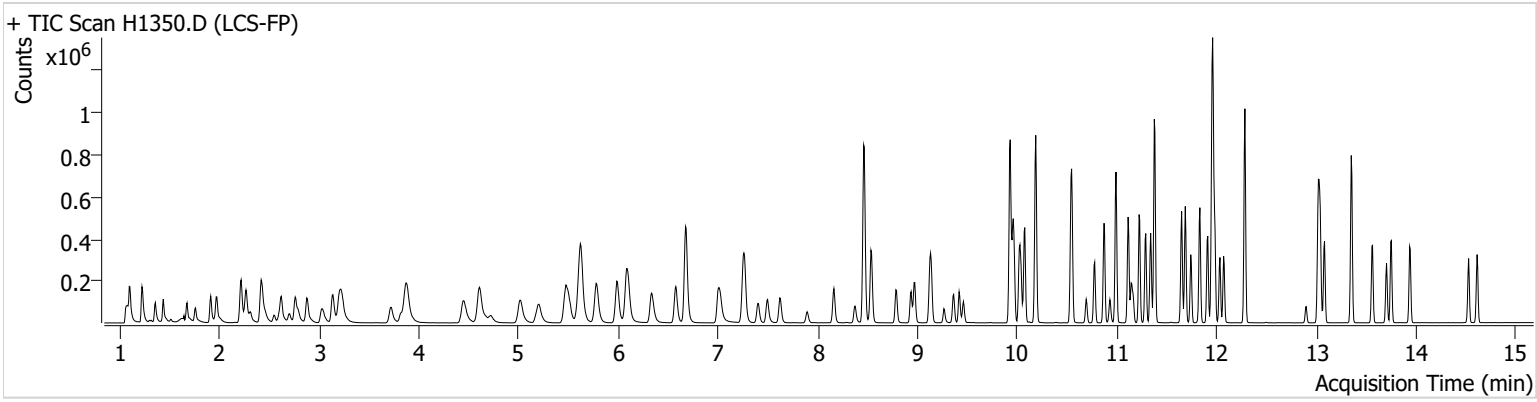


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1350.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	275245	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	454401	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	392203	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	210088	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.819	0.001	5.464	0.006	144590	49.3573	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	544271	48.0693	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.983	0.005	184991	54.7242	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	189234	55.9662	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	89618	26.5616	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.001	85287	25.4504	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.002	82630	26.9133	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	87047	24.2148	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	51440	18.5953	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	53186	20.1930	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.907	0.000	114278	21.0812	ug/L
Trichlorofluoromethane	101.000	0.350	0.000	1.965	0.002	104592	21.3081	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.000	58737	20.0782	ug/L
Diethyl Ether	59.000	0.394	0.000	2.214	0.001	51190	20.3212	ug/L
Freon 123	83.000	0.403	0.000	2.262	0.000	92403	21.0067	ug/L
Acrolein	56.000	0.411	0.000	2.307	0.002	26501	149.4251	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.003	95446	21.4264	ug/L
Freon 113	101.000	0.432	0.000	2.424	0.001	59315	19.3591	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	22462	18.2469	ug/L
Iodomethane	142.000	0.453	0.000	2.545	0.001	42794	13.0901	ug/L
2-Propanol	45.000	0.463	0.000	2.602	0.002	72128	399.9284	ug/L
Carbon Disulfide	75.900	0.465	0.001	2.611	0.003	143484	19.2282	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.751	0.001	129396 LT	129.1410	ug/L
Methyl Acetate	43.000	0.496	0.000	2.784	0.001	57713	23.6343	ug/L

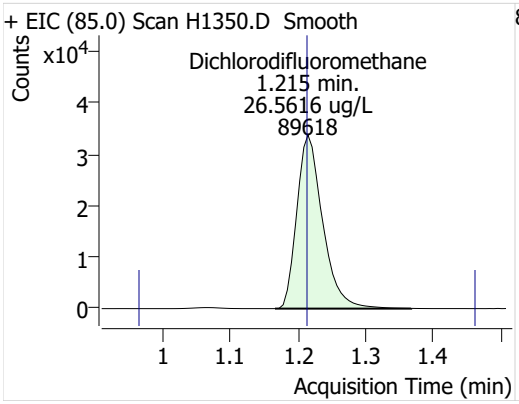
Masshunter Quantitative Analysis Sample Report

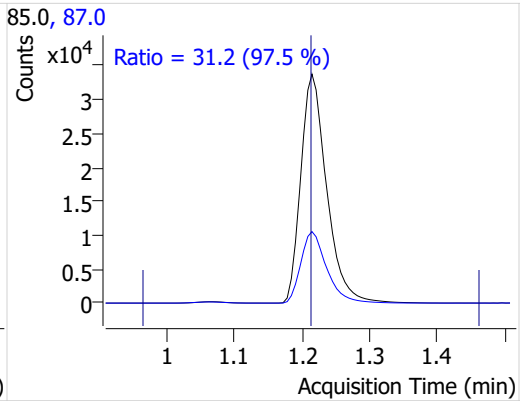
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.873	0.003	59214	19.7983	ug/L
TBA	59.000	0.539	0.001	3.026	0.003	95920	344.5744	ug/L
Acrylonitrile	53.000	0.557	0.001	3.129	0.003	137675	108.7319	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.190	0.003	81386	20.6434	ug/L
MTBE	73.000	0.573	0.001	3.221	0.004	157498	19.1189	ug/L
1,1-Dichloroethane	63.000	0.661	0.001	3.714	0.004	108892	21.5582	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.817	0.001	76745	18.0051	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.000	3.855	0.002	50342	21.2222	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.873	0.002	185773	21.5324	ug/L
ETBE	59.000	0.791	0.000	4.444	0.002	163211	20.2153	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.601	0.001	67659	21.4752	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.604	0.001	76842	20.3634	ug/L
2-Butanone	43.000	0.832	0.000	4.671	0.003	29555	19.0783	ug/L
Propionitrile	54.000	0.839	0.000	4.714	0.001	51664	106.1732	ug/L
Bromochloromethane	129.900	0.891	0.000	5.007	0.001	41455	18.7289	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.015	0.000	25166	19.8553	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.173	0.008	19233	20.4675	ug/L
Chloroform	83.000	0.925	0.000	5.196	0.000	106421	20.4840	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.495	0.000	87820	20.6025	ug/L
Cyclohexane	84.000	0.839	0.001	5.598	0.006	91157	21.0357	ug/L
Carbon Tetrachloride	116.900	0.865	0.001	5.773	0.006	75909	19.5367	ug/L
1,1-Dichloropropene	75.000	0.866	0.001	5.775	0.006	75307	20.8343	ug/L
Benzene	78.000	0.910	0.001	6.074	0.006	225675	20.7514	ug/L
1,2-Dichloroethane	62.000	0.913	0.001	6.092	0.006	89043	21.1716	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	42248	445.5203	ug/L
TAME	73.000	1.127	0.001	6.330	0.007	142984	19.0843	ug/L
n-Heptane	43.000	0.985	0.001	6.570	0.005	88939	24.6632	ug/L
Trichloroethene	129.900	1.048	0.001	6.994	0.006	61541	18.4111	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	63143	843.6715	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	90047	22.8384	ug/L
1,2-Dichloropropane	63.000	1.088	0.001	7.256	0.003	64484	21.5623	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.003	37363	17.5045	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	14761	335.3686	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	39022	19.0227	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	78621	19.8264	ug/L
2-Nitropropane	43.000	1.182	0.000	7.887	0.003	37512	42.1153	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	85652	21.7162	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	57121	19.7614	ug/L
Toluene	91.000	1.279	0.000	8.531	0.003	243589	20.4673	ug/L
trans-1,3-Dichloropropene	75.000	1.315	0.001	8.774	0.003	76411	22.0504	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	66170	18.3017	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	55254	20.1450	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	57662	19.4723	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	94854	20.9184	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	20386	18.3976	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	63623	20.1369	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	90968	21.4894	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	55969	21.2618	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	159384	19.4004	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.002	75307	17.6007	ug/L
4-Chlorobenzotrifluoride	180.000	1.009	0.000	10.015	0.002	71358	17.5838	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	57791	20.2046	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	268177	21.1087	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	419874	43.8731	ug/L
o-Xylene	91.100	1.062	0.000	10.532	0.001	209228	20.4761	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	177847	20.7120	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	39122	20.2430	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	73706	17.2046	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	259871	22.5179	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	38116	83.7164	ug/L

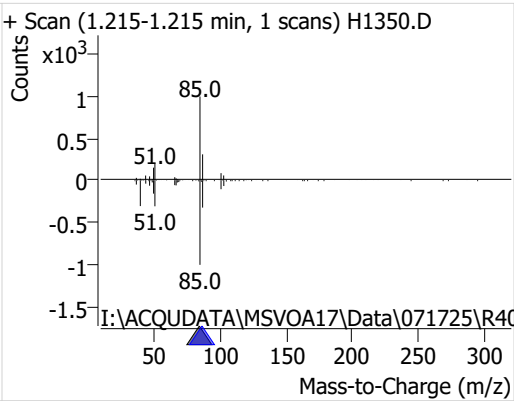
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	73763	22.1142	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	66266	19.9581	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	86170	20.9015	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	20708 BA	22.8503	ug/L
Propyl Benzene	91.100	0.938	0.000	11.213	0.003	317863	23.8523	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.280	0.005	179988	22.4545	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.005	164683	20.4016	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	228293	22.4636	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.005	252042	23.1167	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	226246	22.5835	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.679	0.005	233701	23.4735	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.731	0.003	54630	18.5126	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	297439	23.2142	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.902	0.005	129791	20.5235	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	266354	24.0749	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	134773	20.2291	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.001	12.026	0.006	48381	17.7648	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.005	57885	18.4691	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	127057	20.5643	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	246587	24.7879	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	16004	19.2717	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	345118	61.1413	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	90030	18.7736	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.006	253065	41.6482	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	87688	19.6241	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	35458	21.3135	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	246641	21.6883	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	85956	19.9459	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	60276	18.8873	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.007	61980	21.7781	ug/L

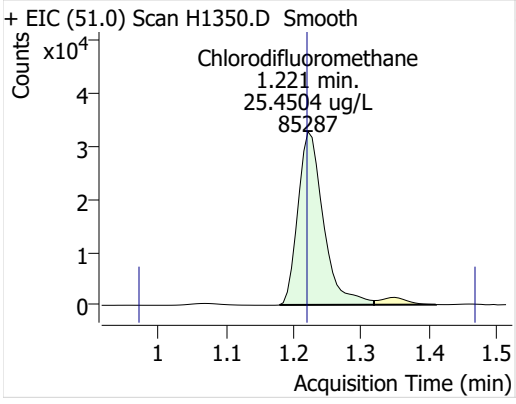
Dichlorodifluoromethane

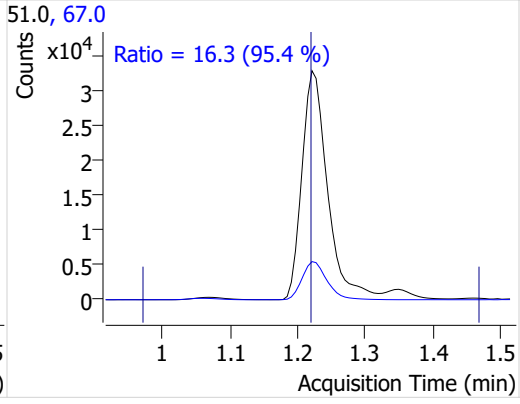


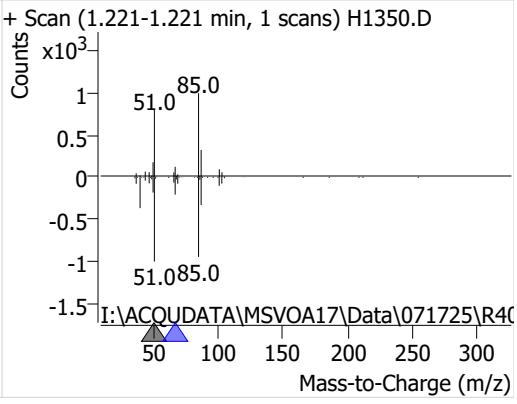




Chlorodifluoromethane

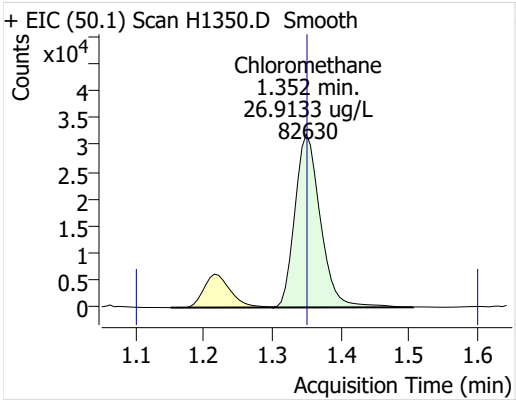


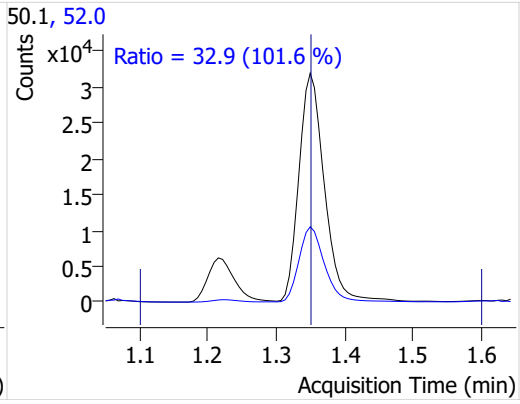


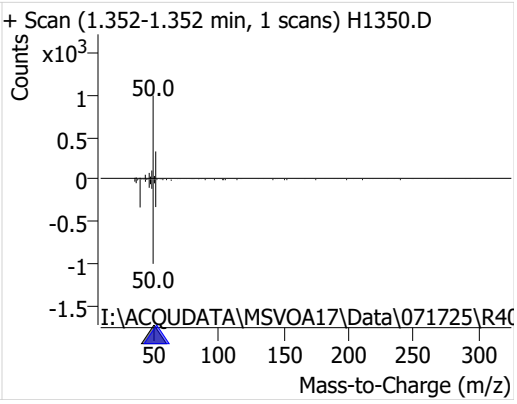


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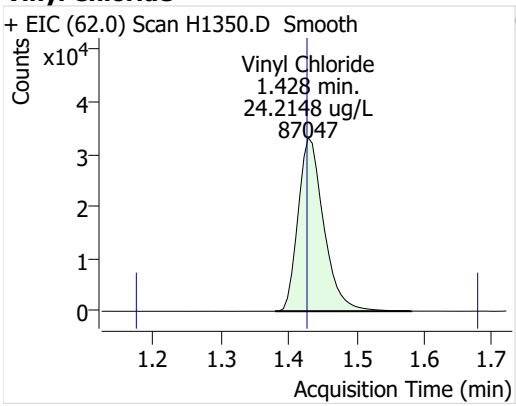
Chloromethane

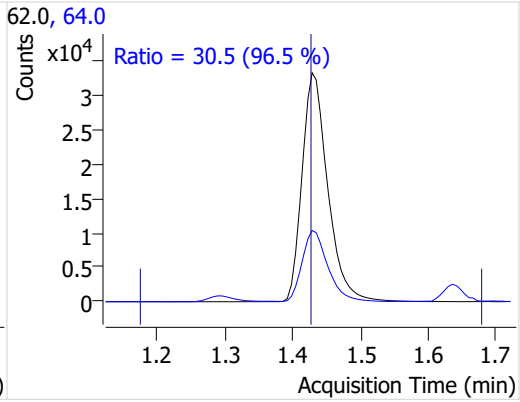


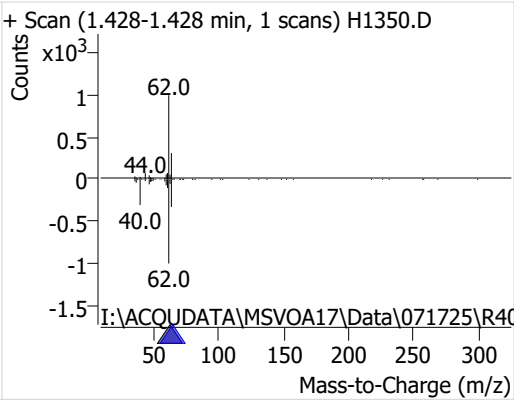




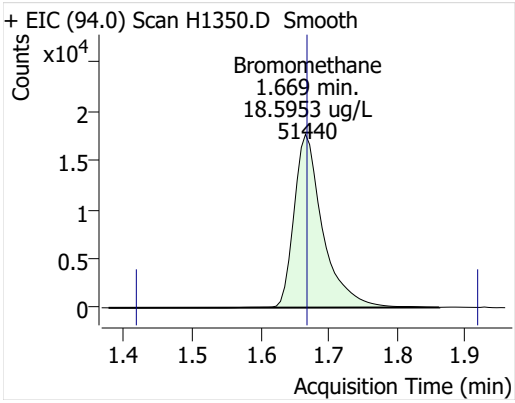
Vinyl Chloride

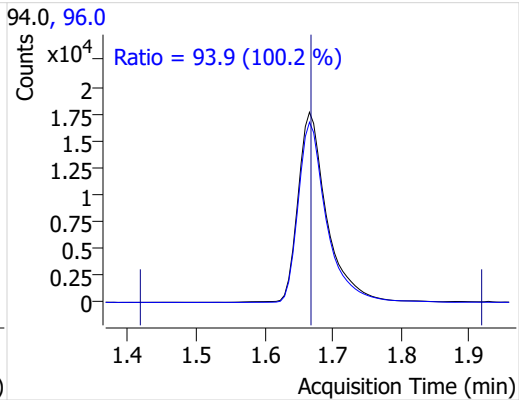


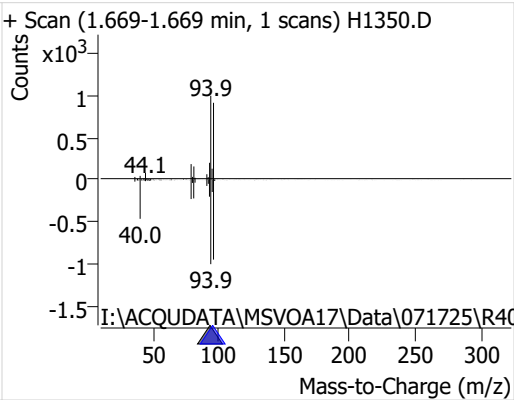




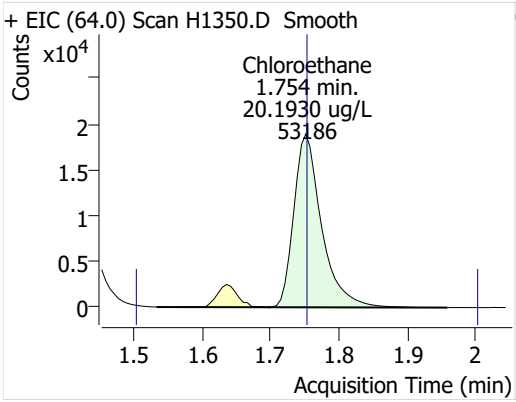
Bromomethane

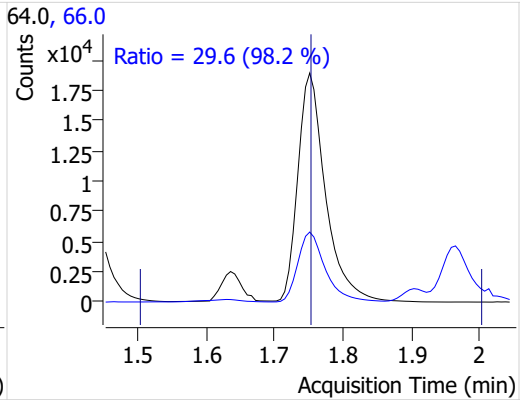


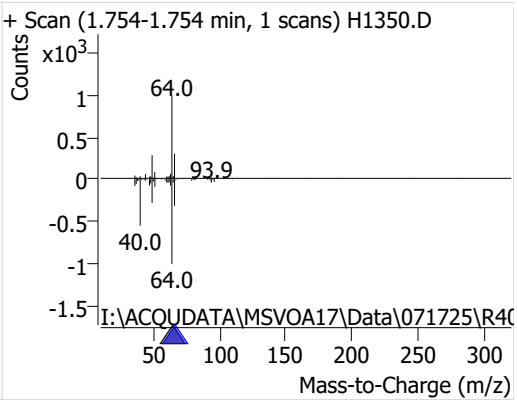




Chloroethane

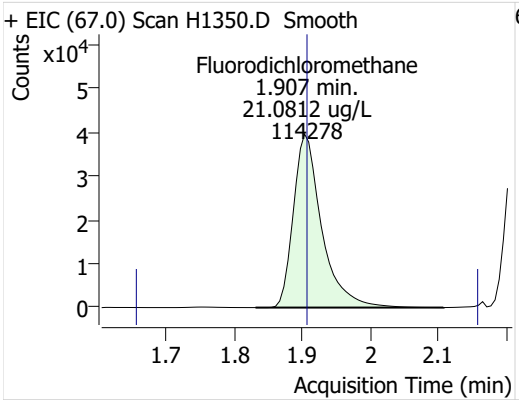


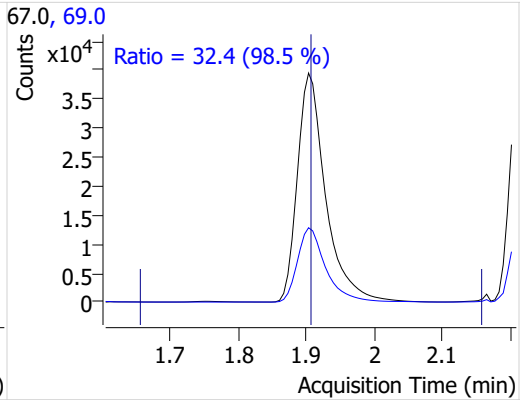


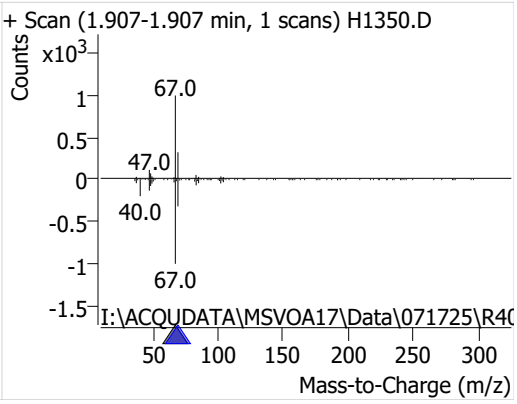


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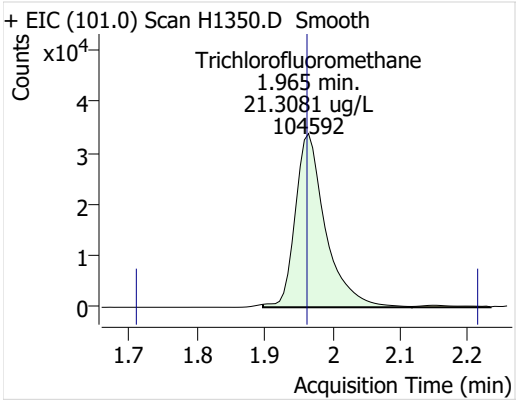
Fluorodichloromethane

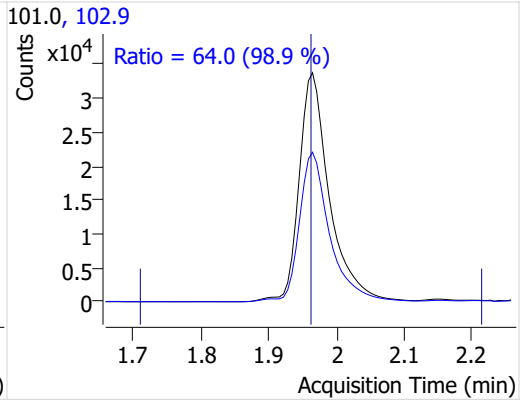


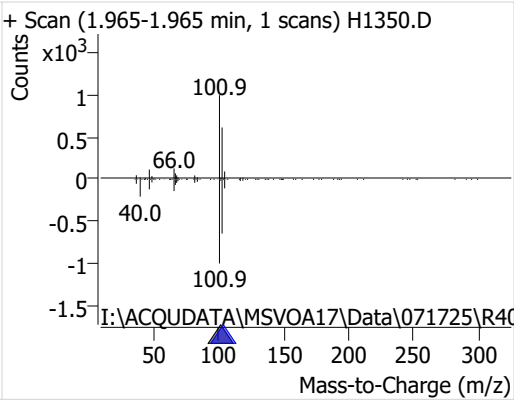




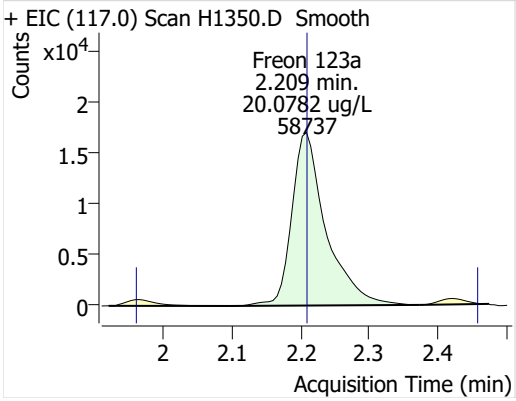
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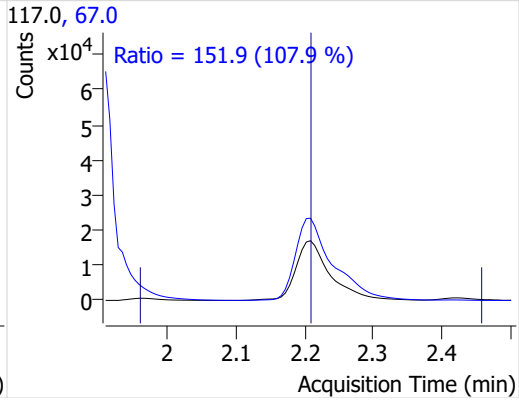


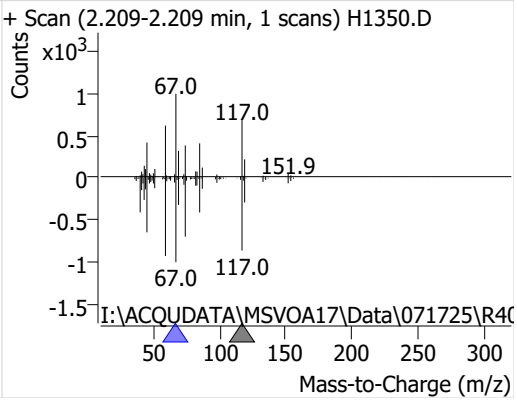




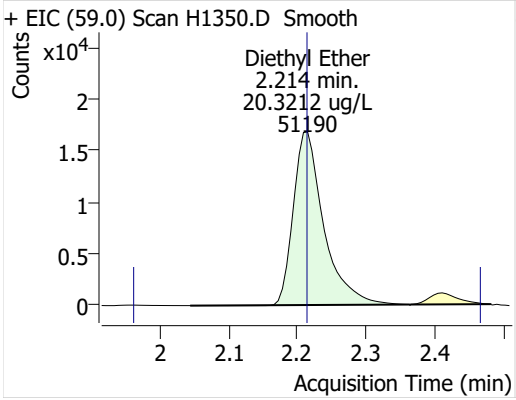
Freon 123a

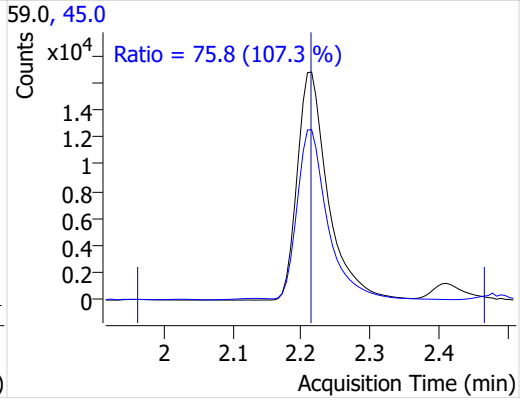


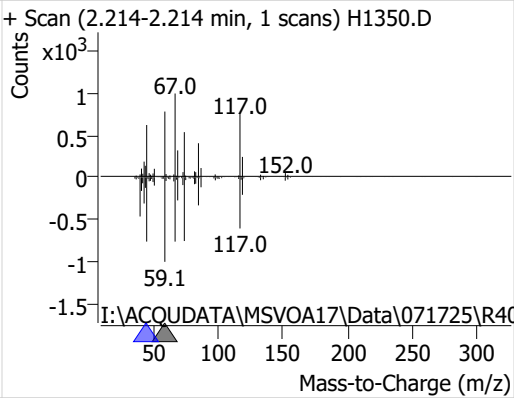




Diethyl Ether

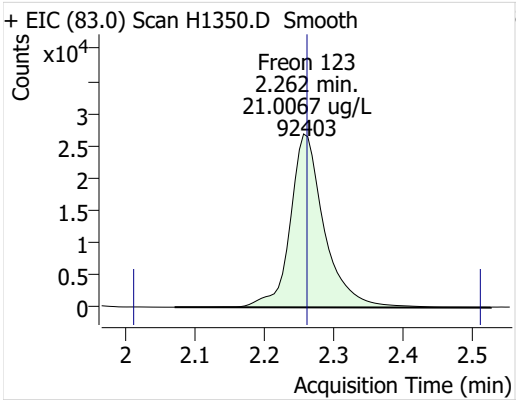


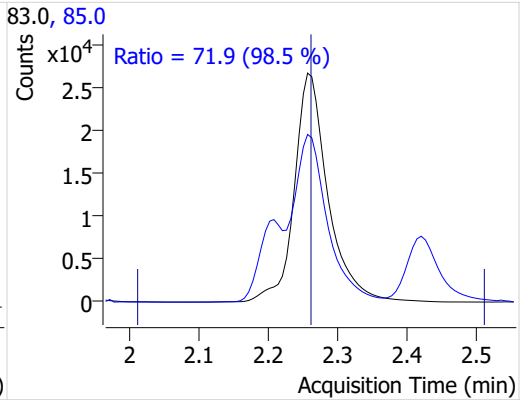


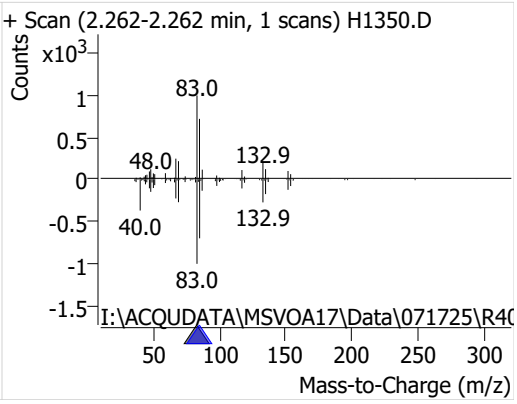


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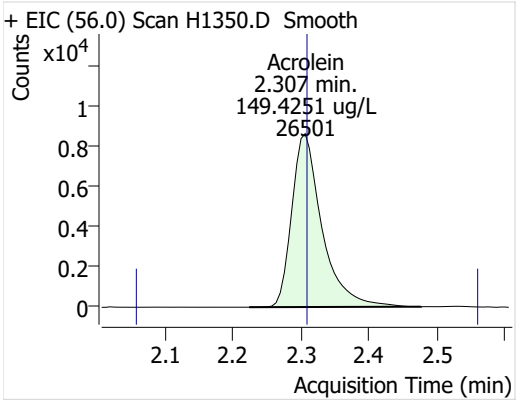
Freon 123

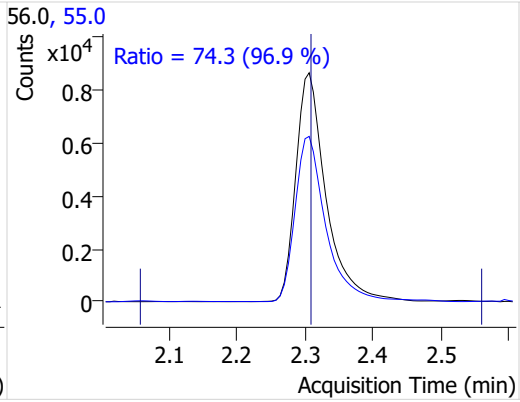


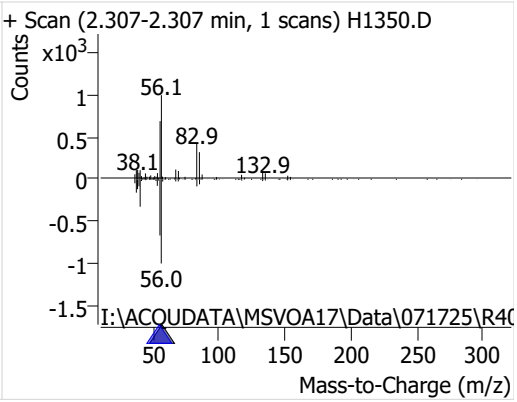




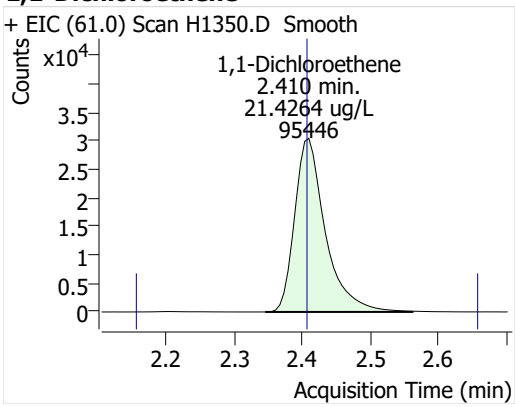
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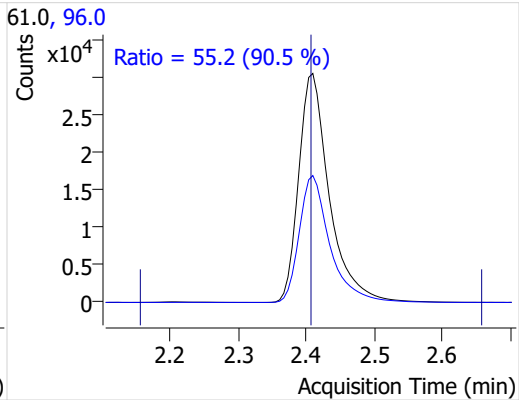


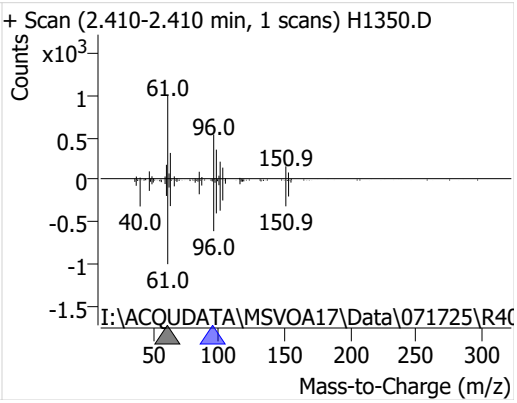




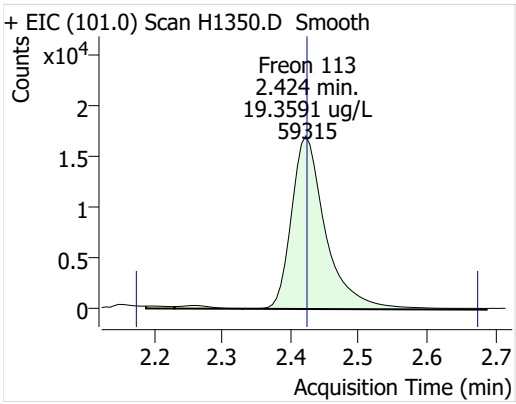
1,1-Dichloroethene

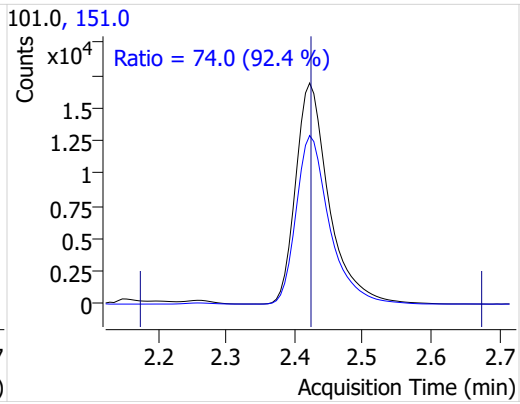


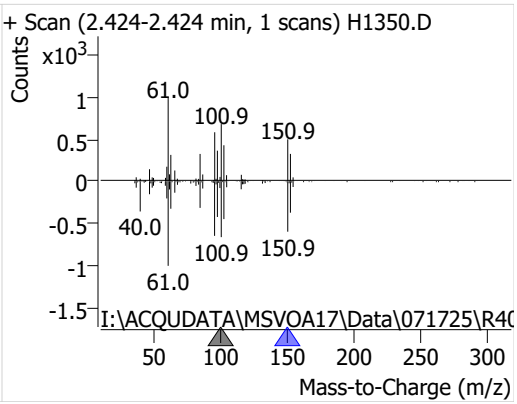




Freon 113

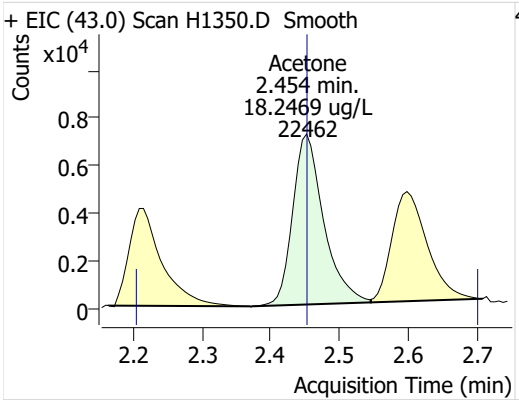


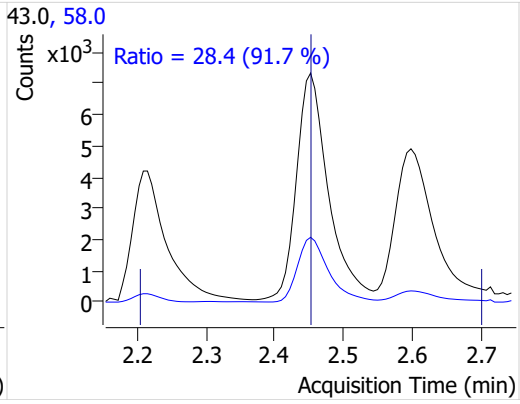


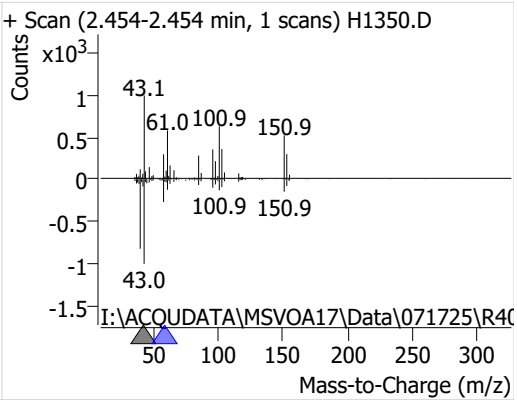


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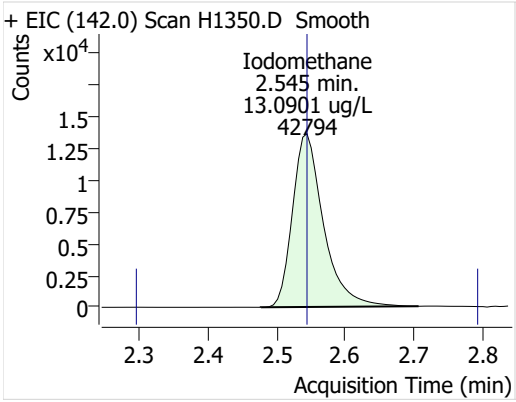
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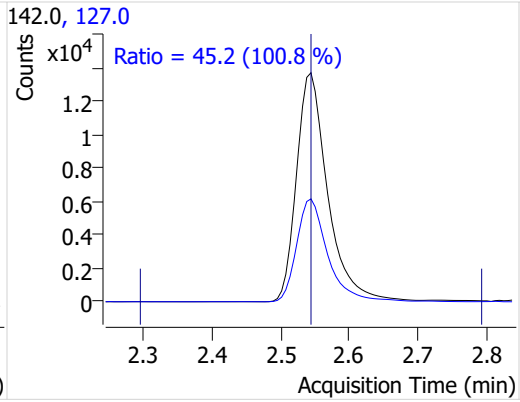


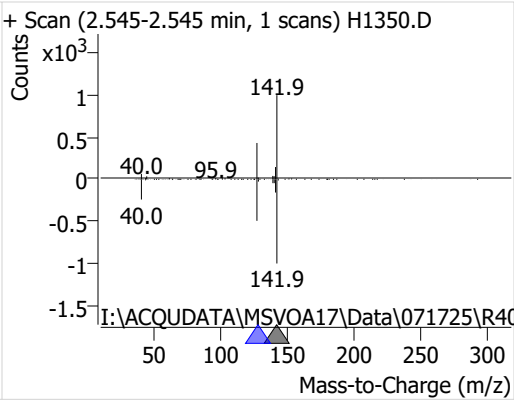




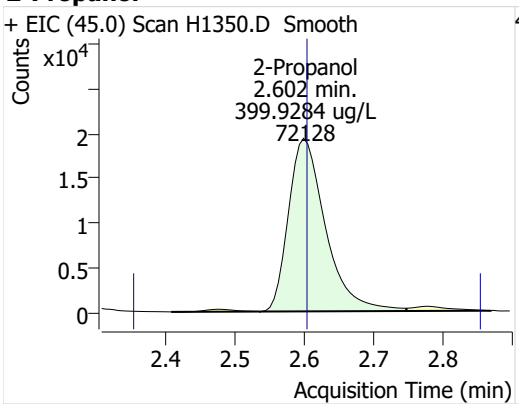
Iodomethane

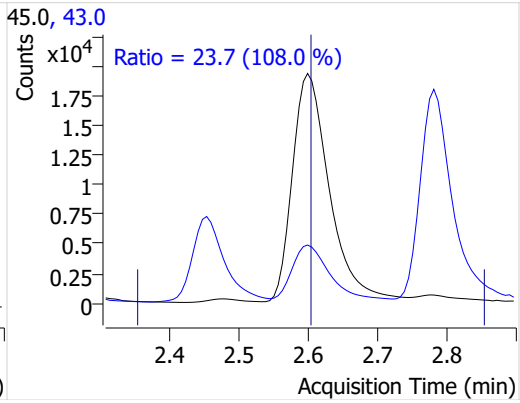


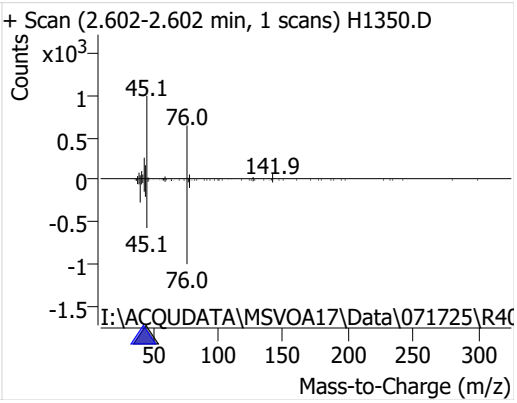




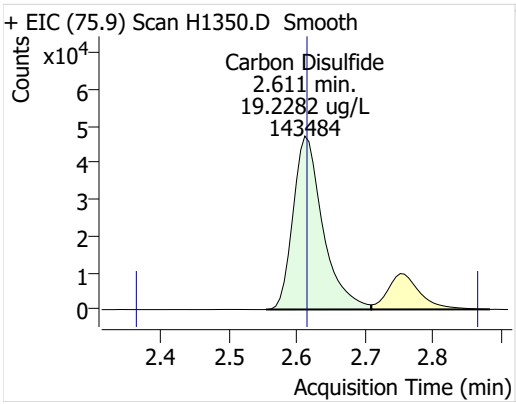
2-Propanol

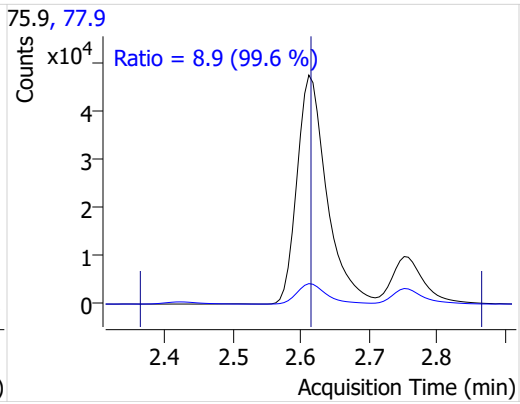


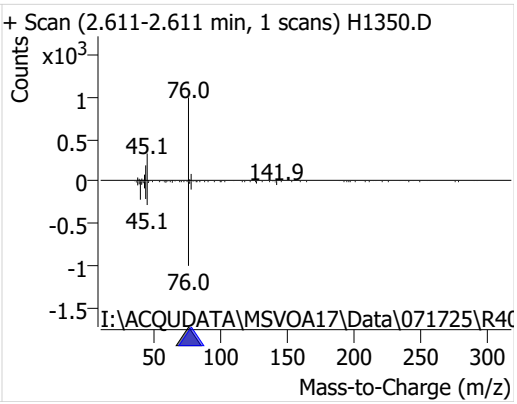




Carbon Disulfide

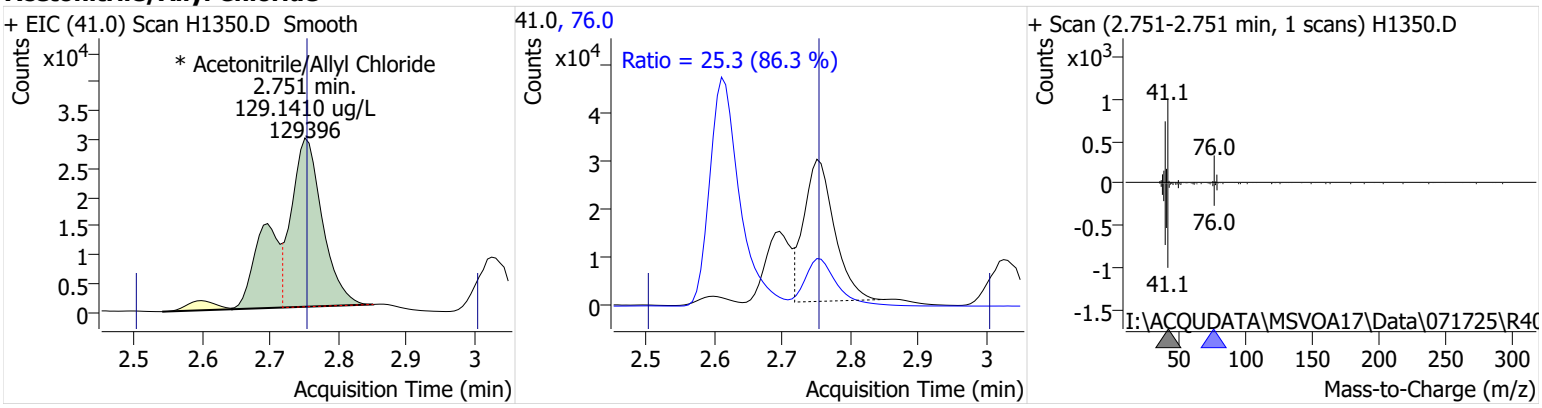




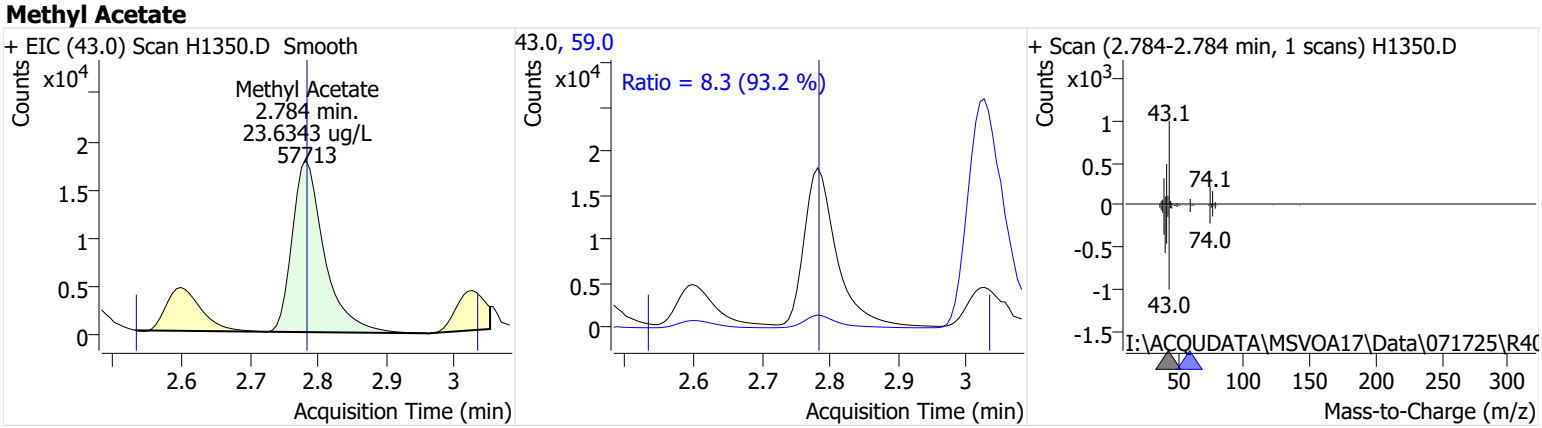


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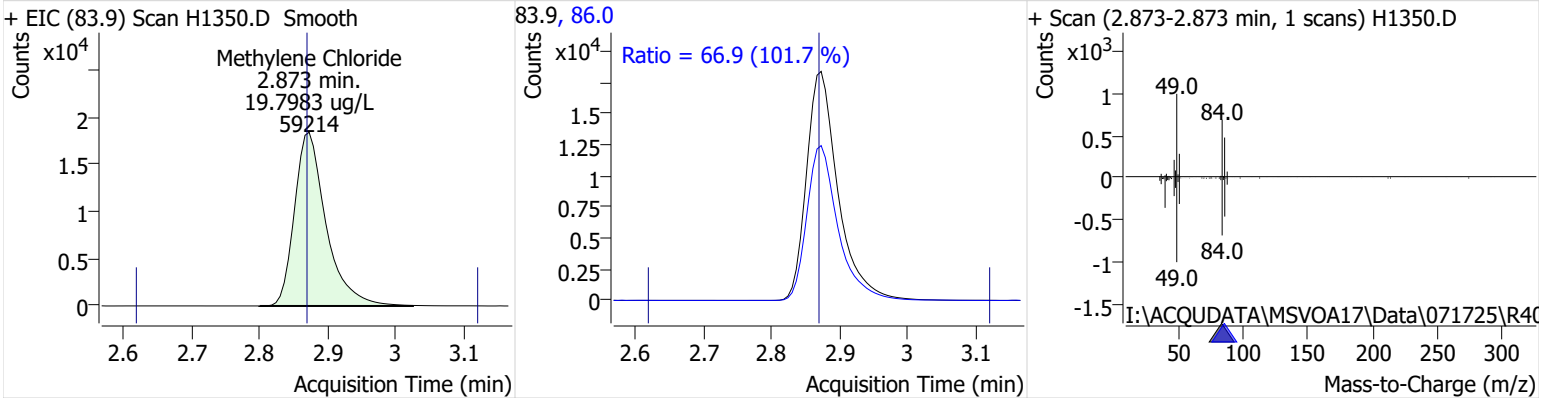
Acetonitrile/Allyl Chloride



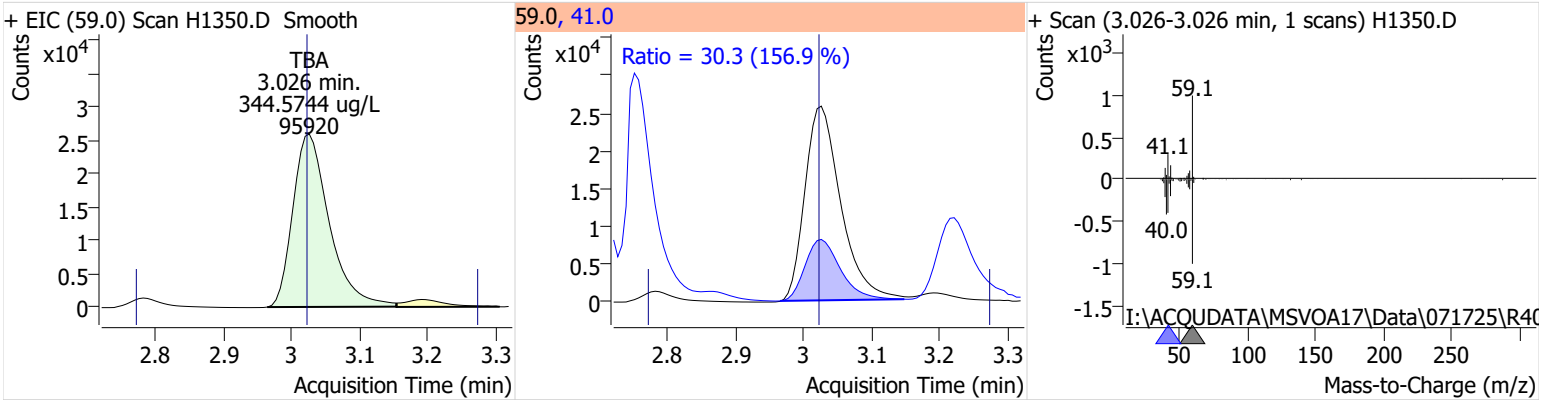
Methyl Acetate



Methylene Chloride

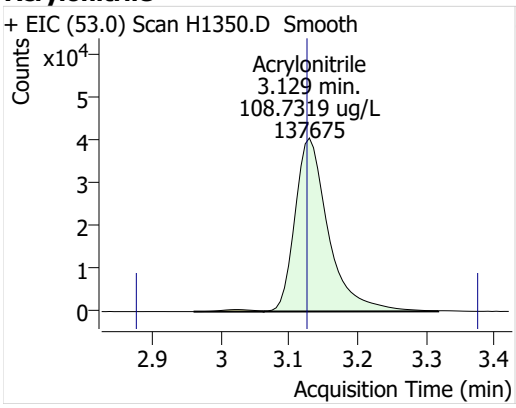


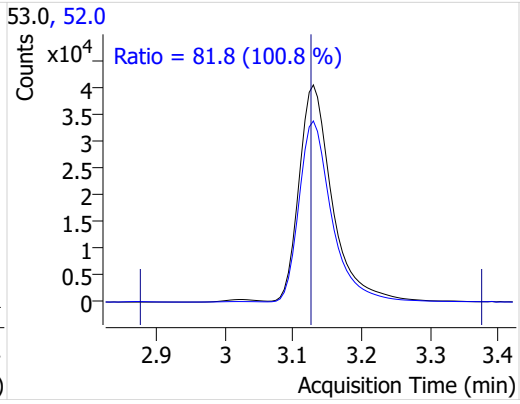
TBA

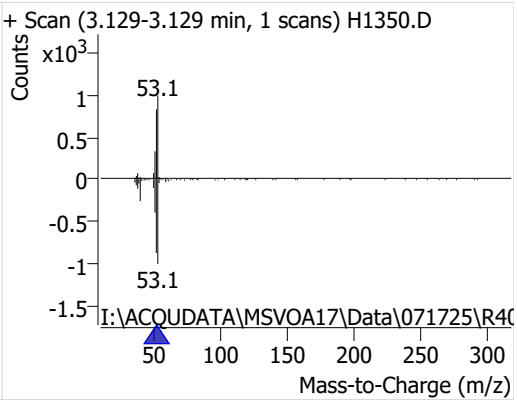


Masshunter Quantitative Analysis Sample Report

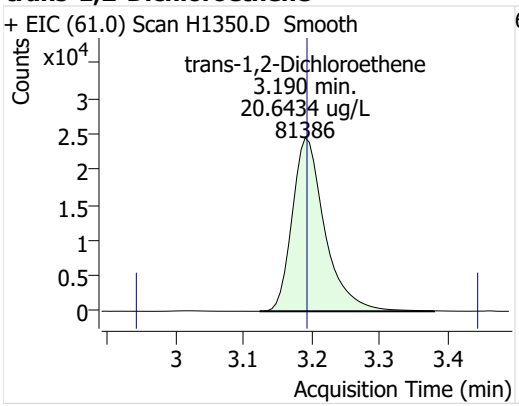
Acrylonitrile

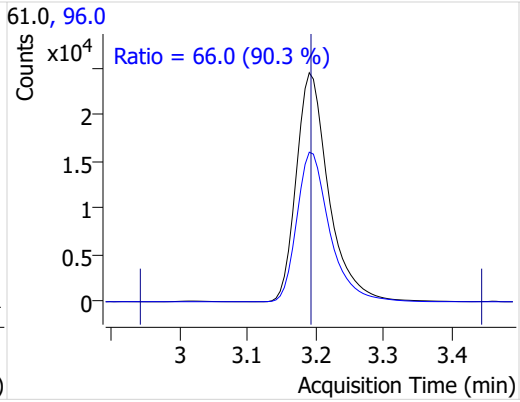


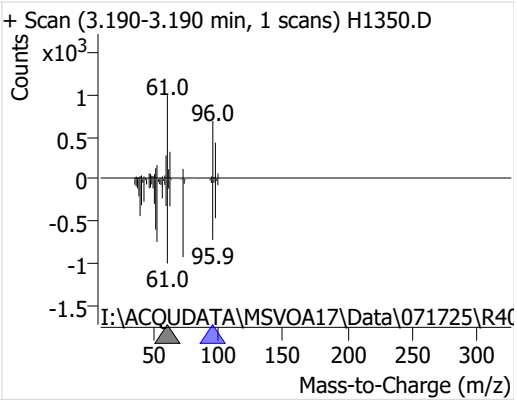




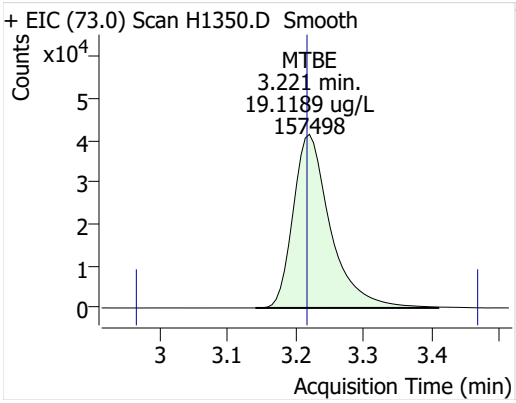
trans-1,2-Dichloroethene

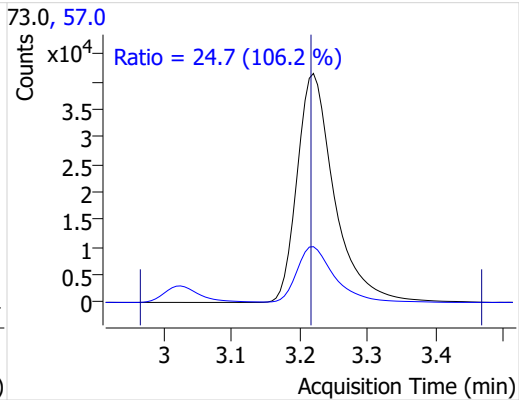


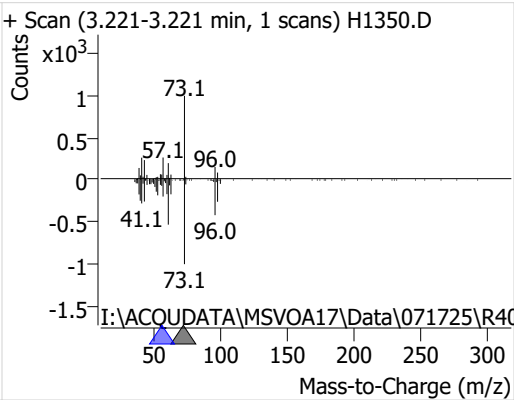




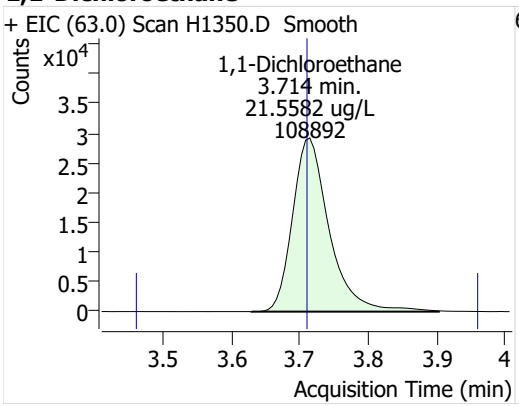
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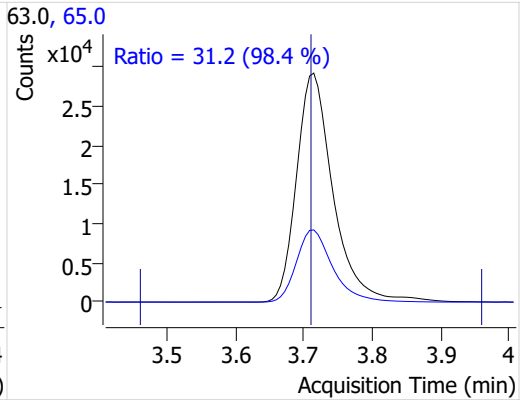


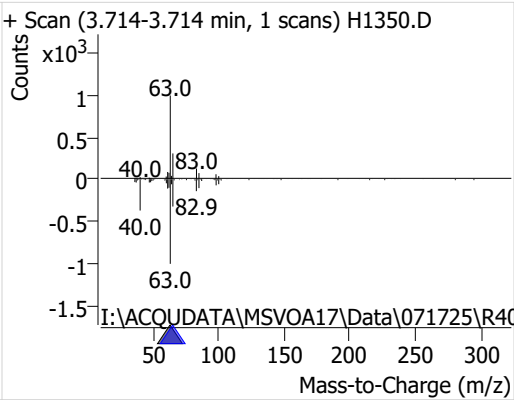




1,1-Dichloroethane

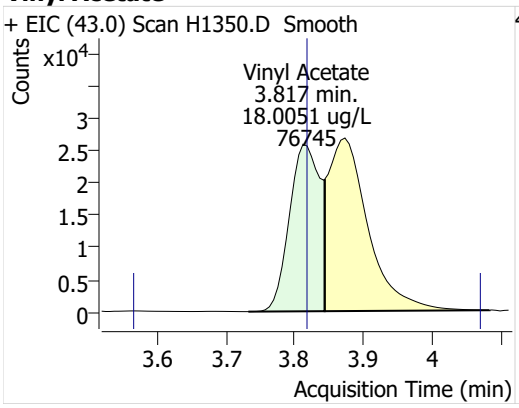


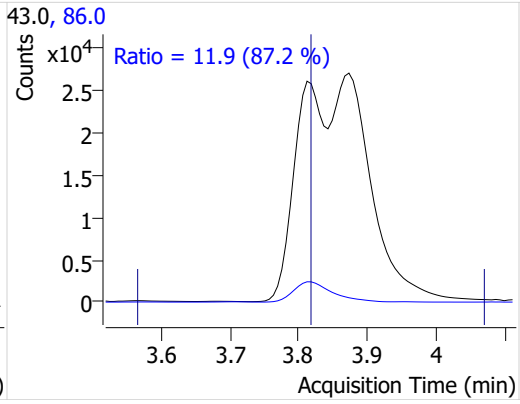


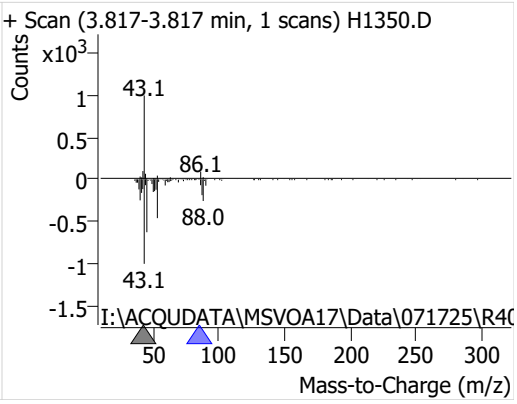


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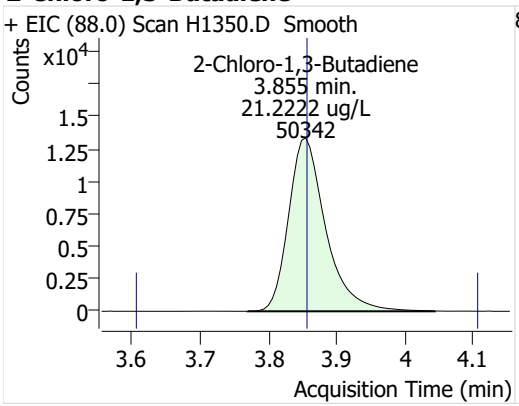
Vinyl Acetate

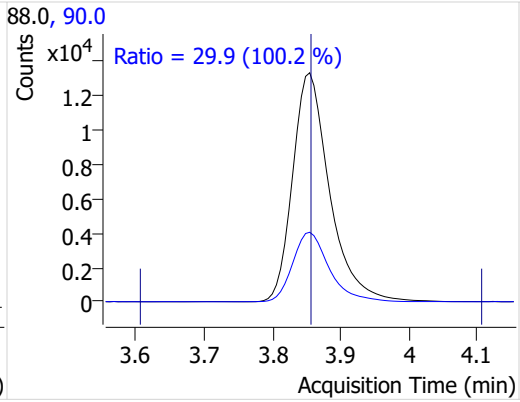


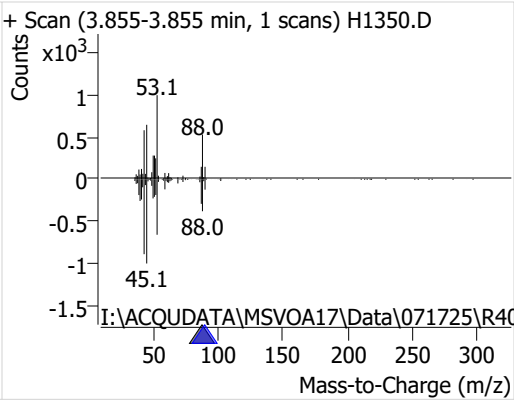




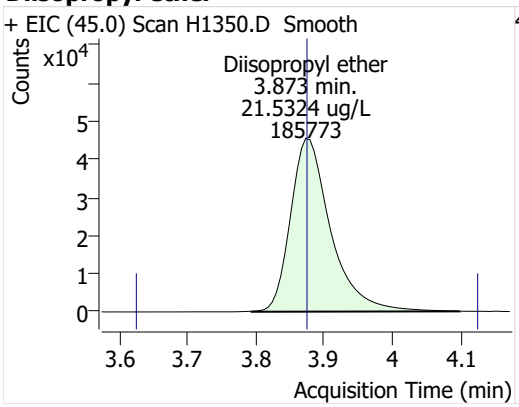
2-Chloro-1,3-Butadiene

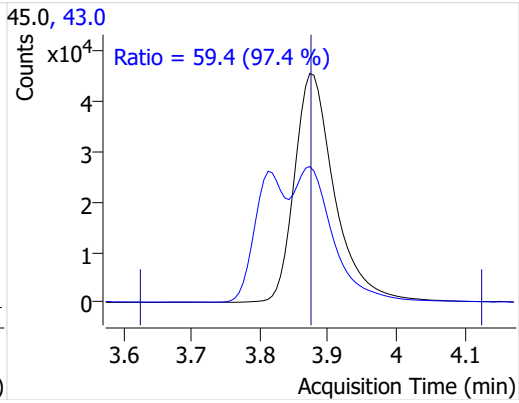


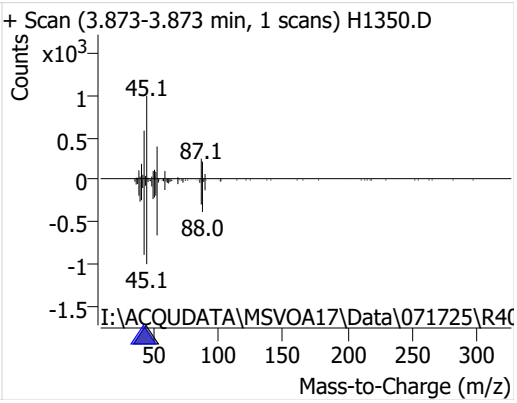




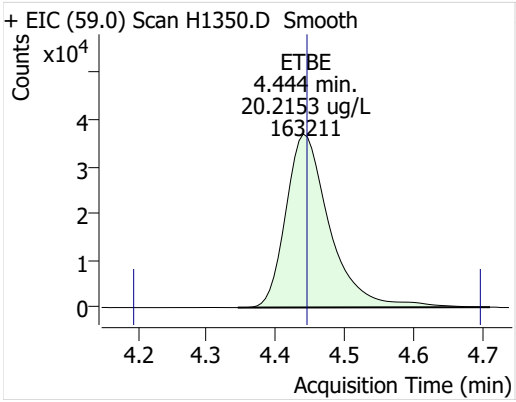
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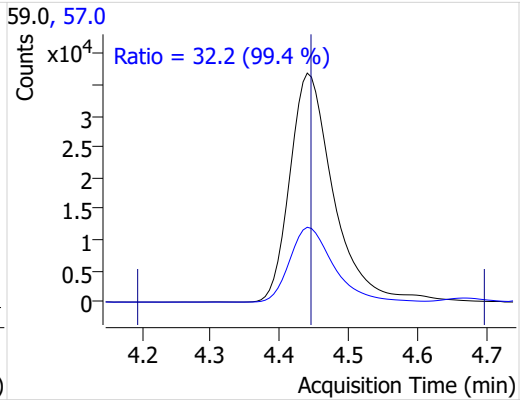


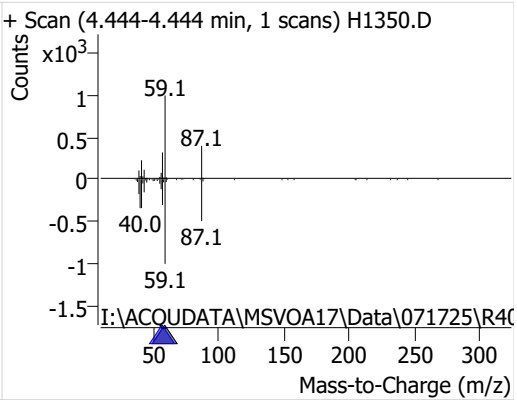




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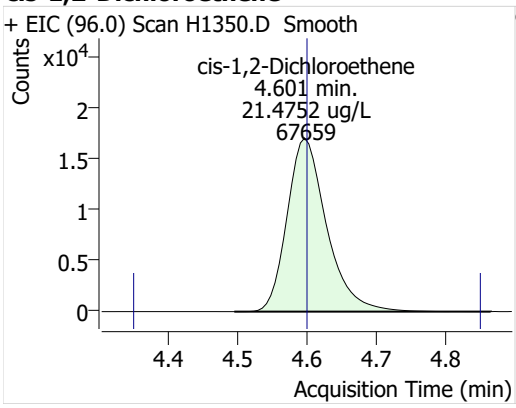


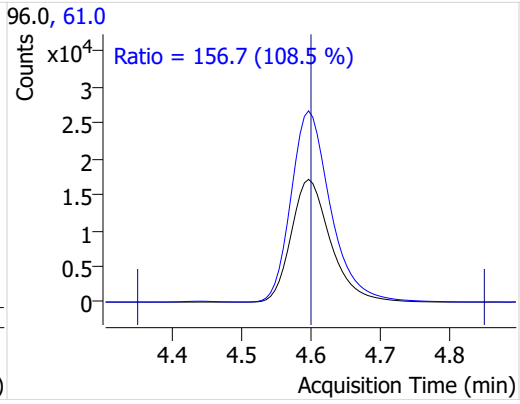


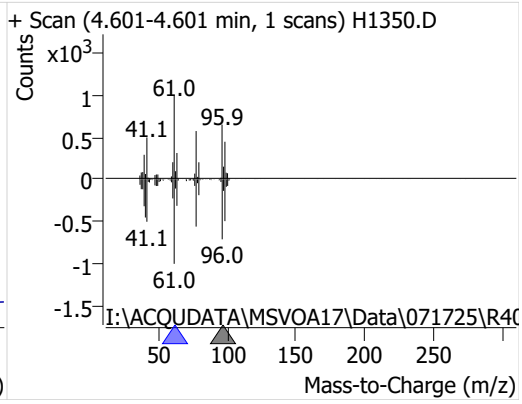


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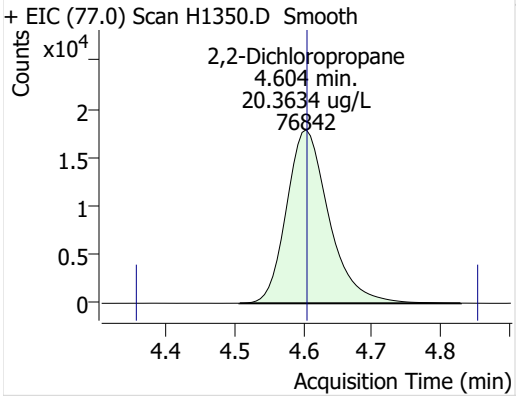
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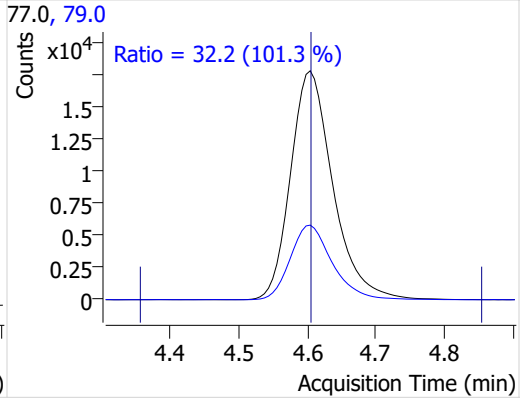


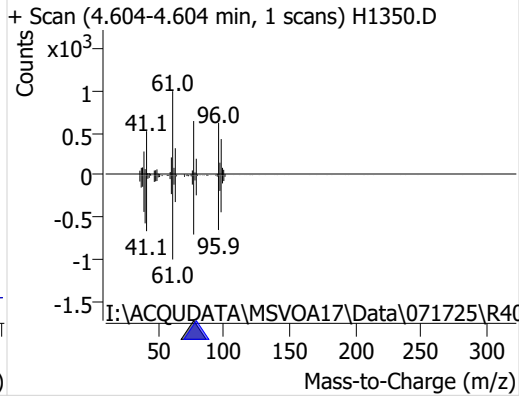




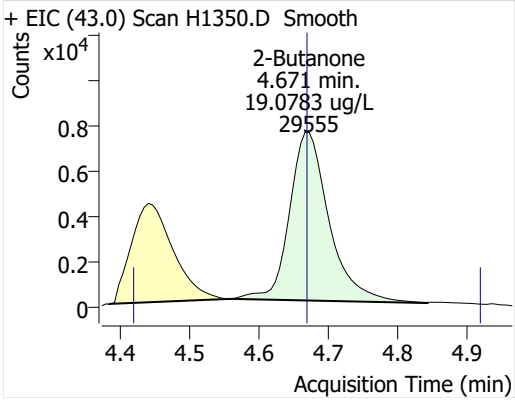
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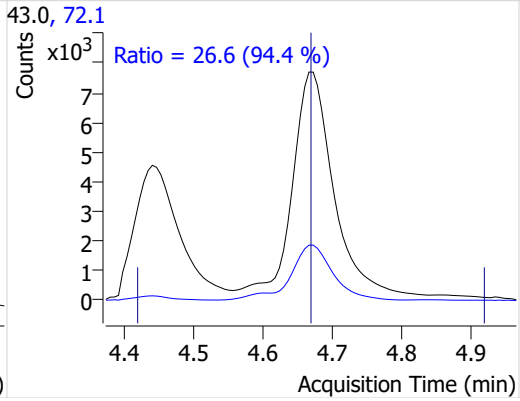


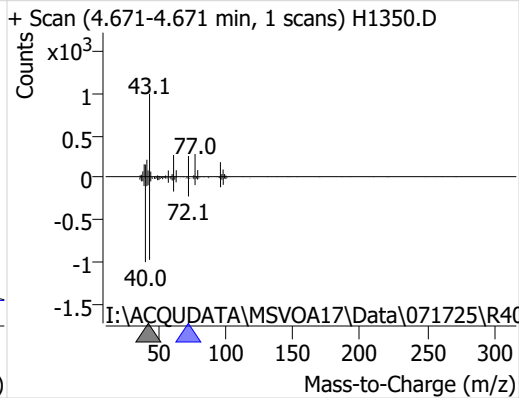




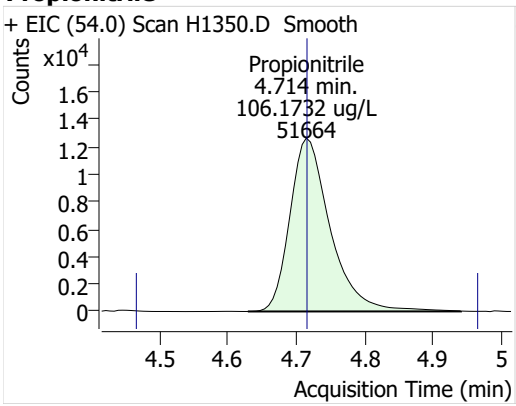
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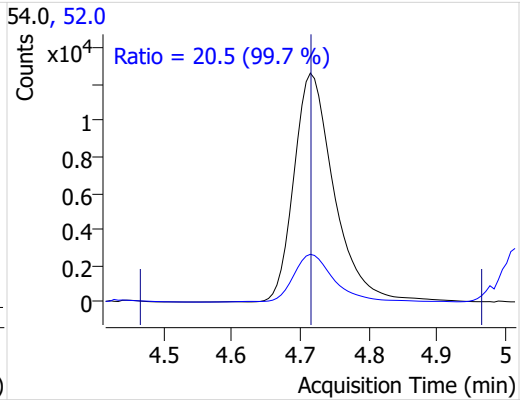


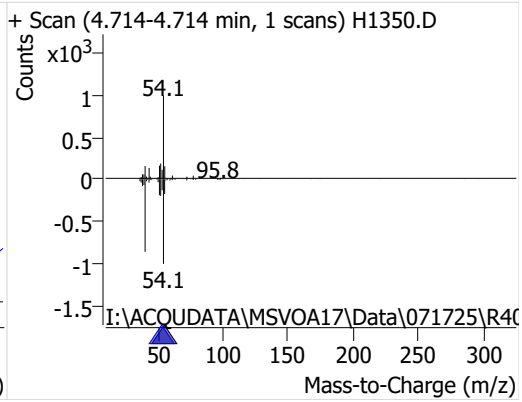




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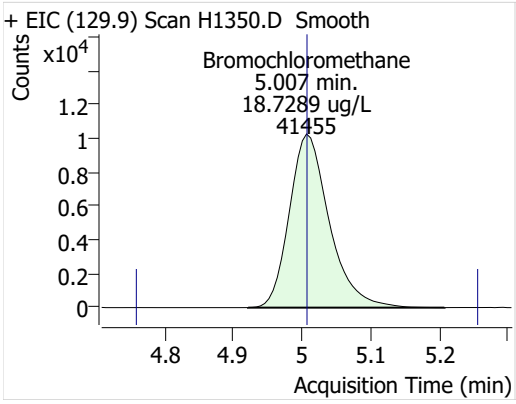


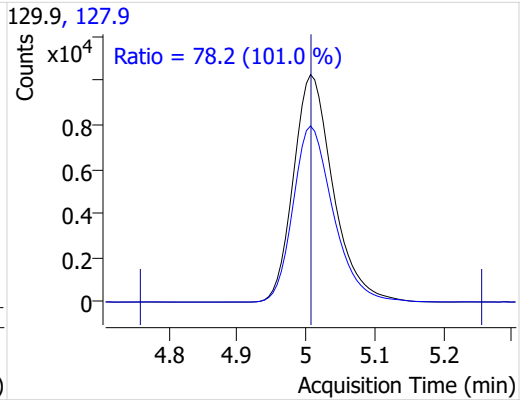


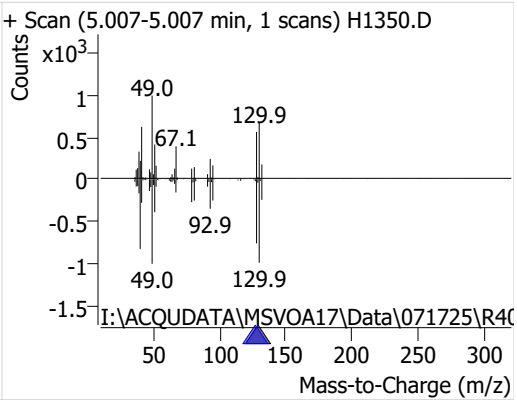


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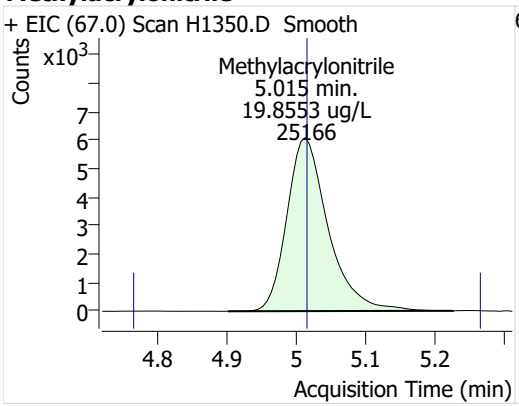
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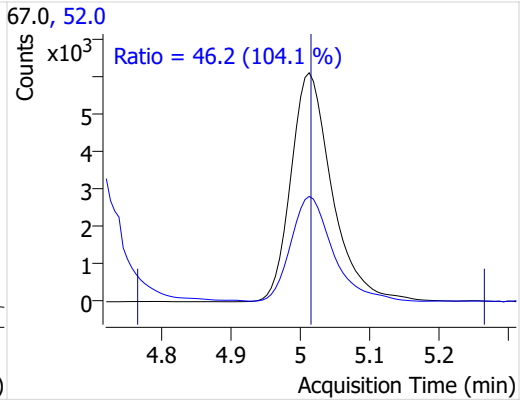


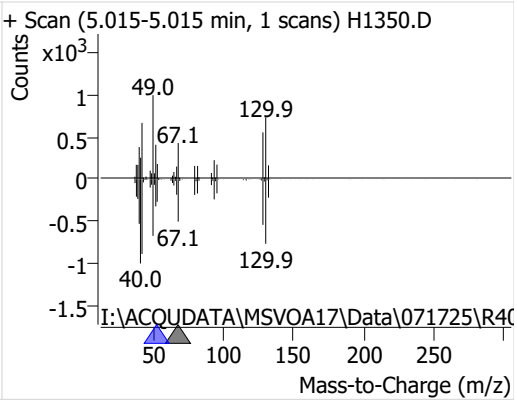




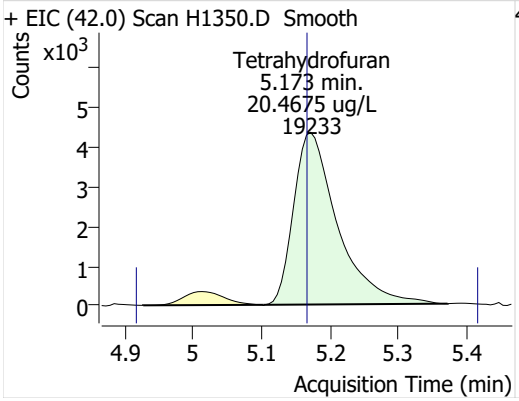
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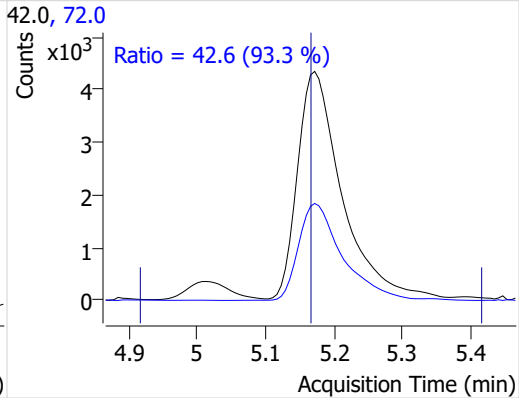


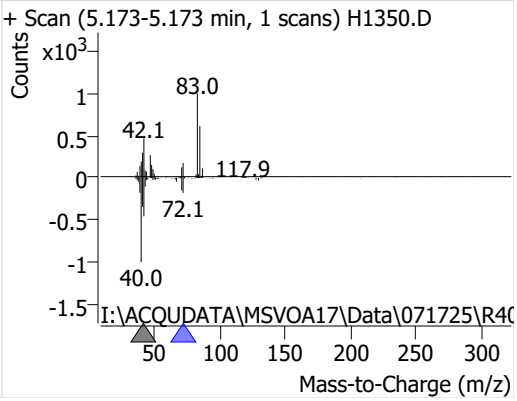




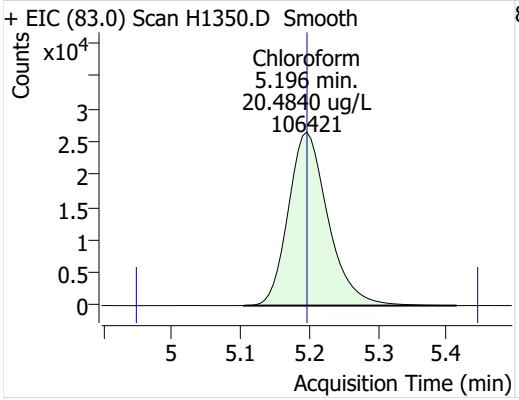
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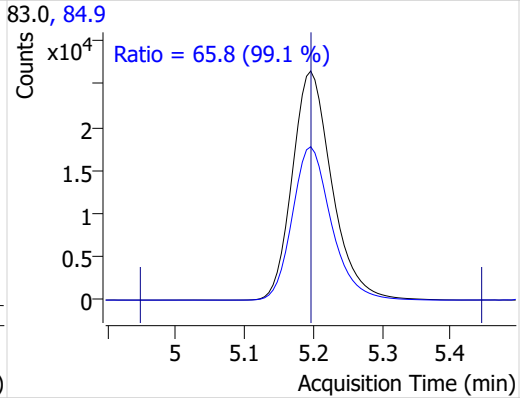


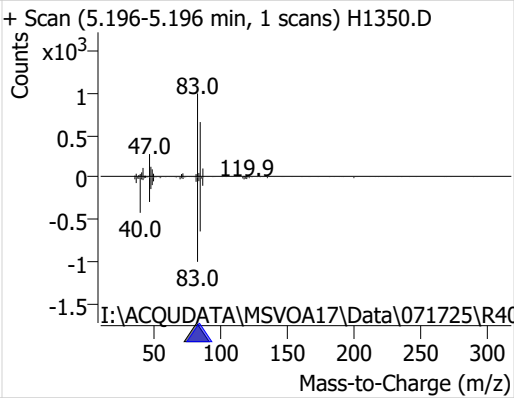




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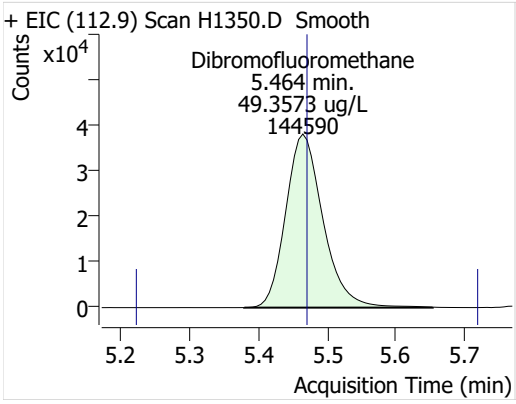


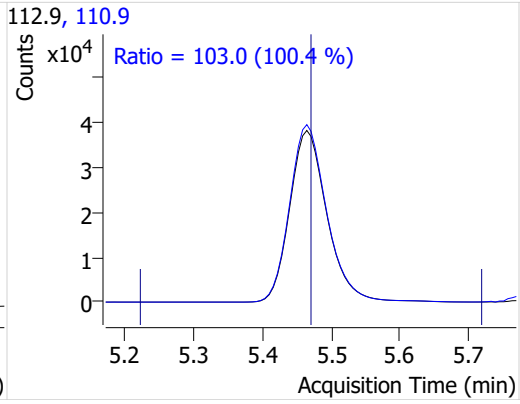


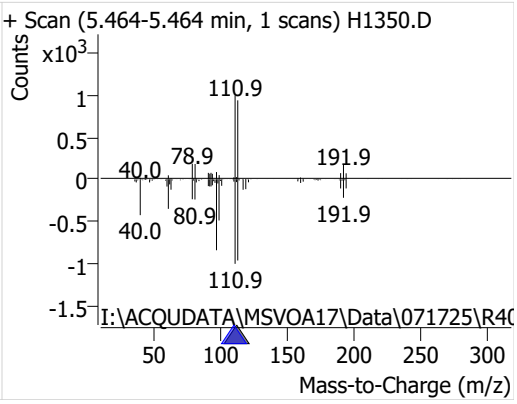


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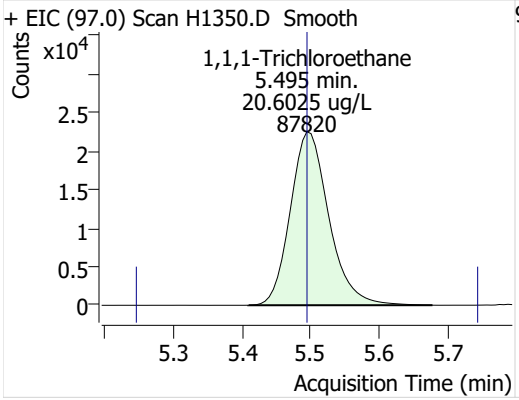
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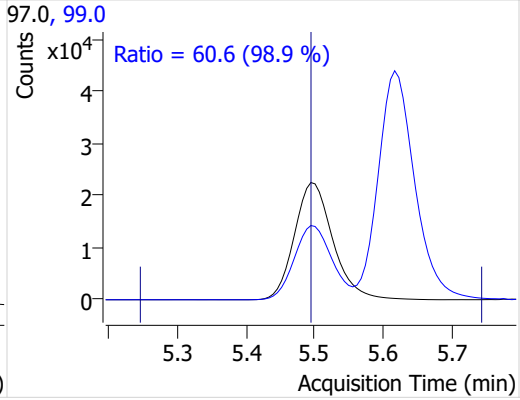


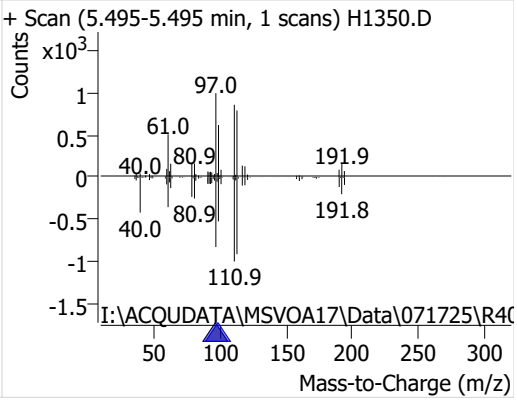




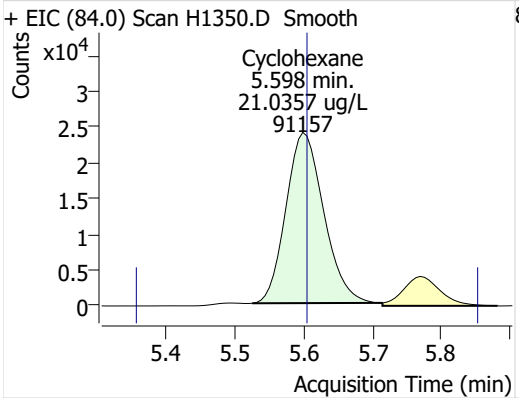
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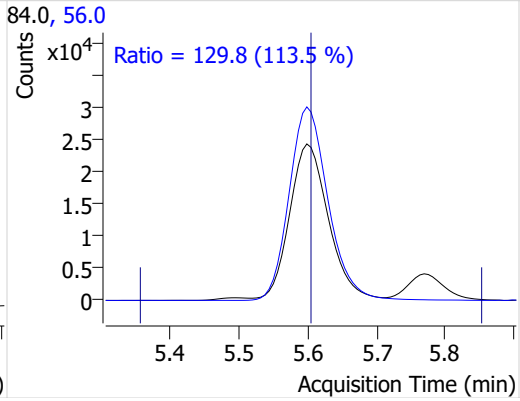


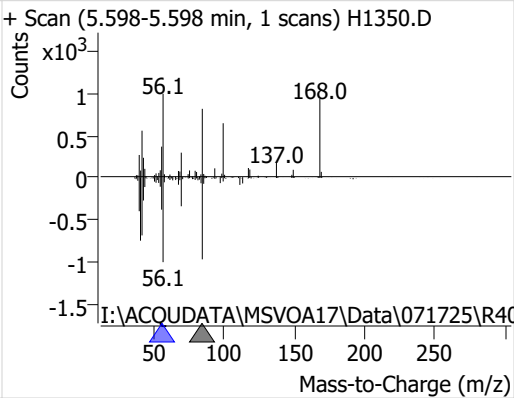




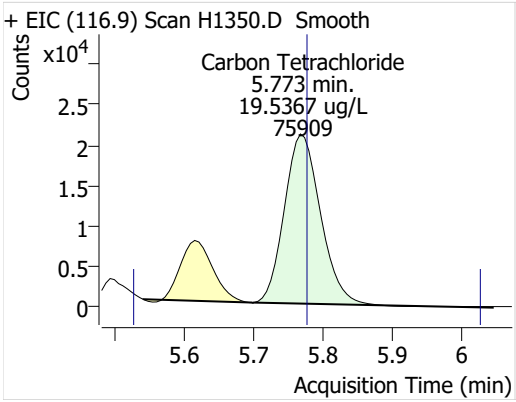
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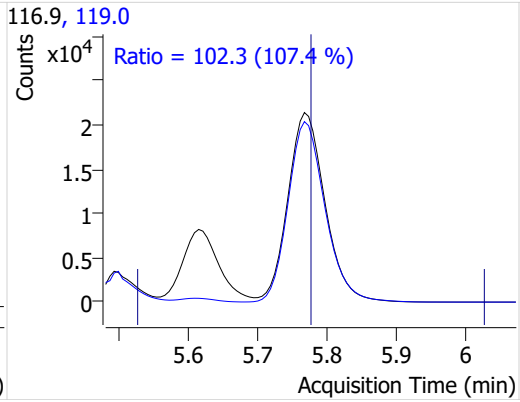


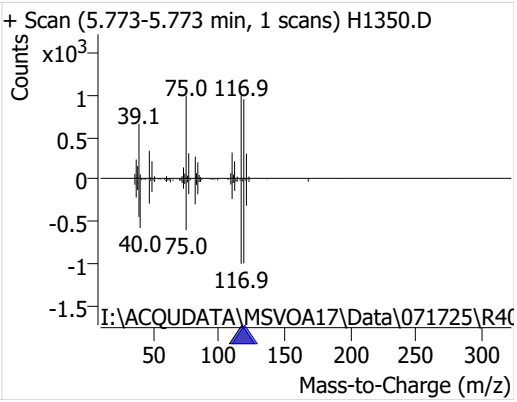




Carbon Tetrachloride

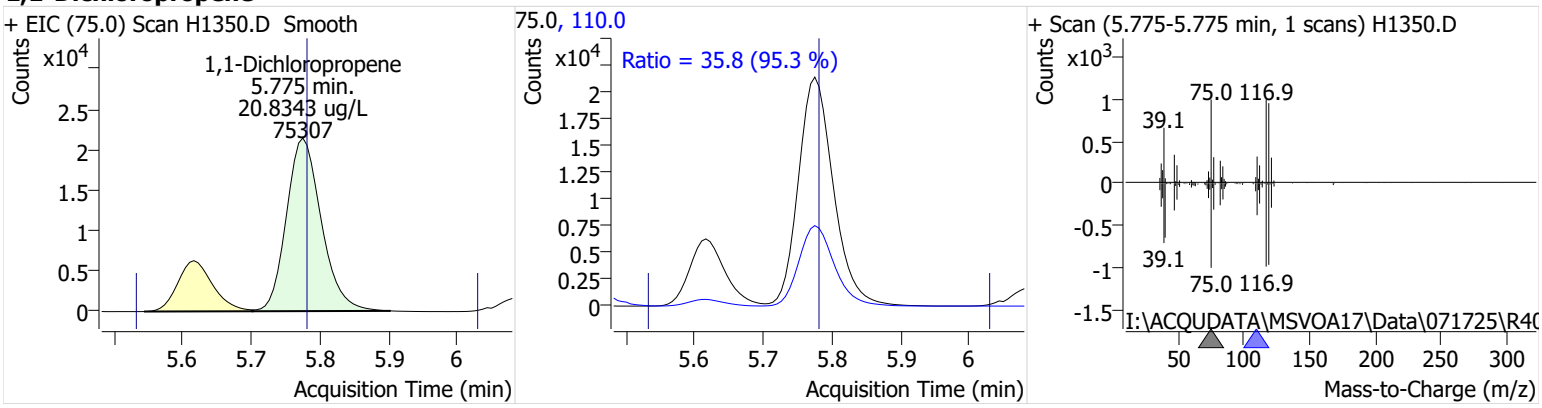




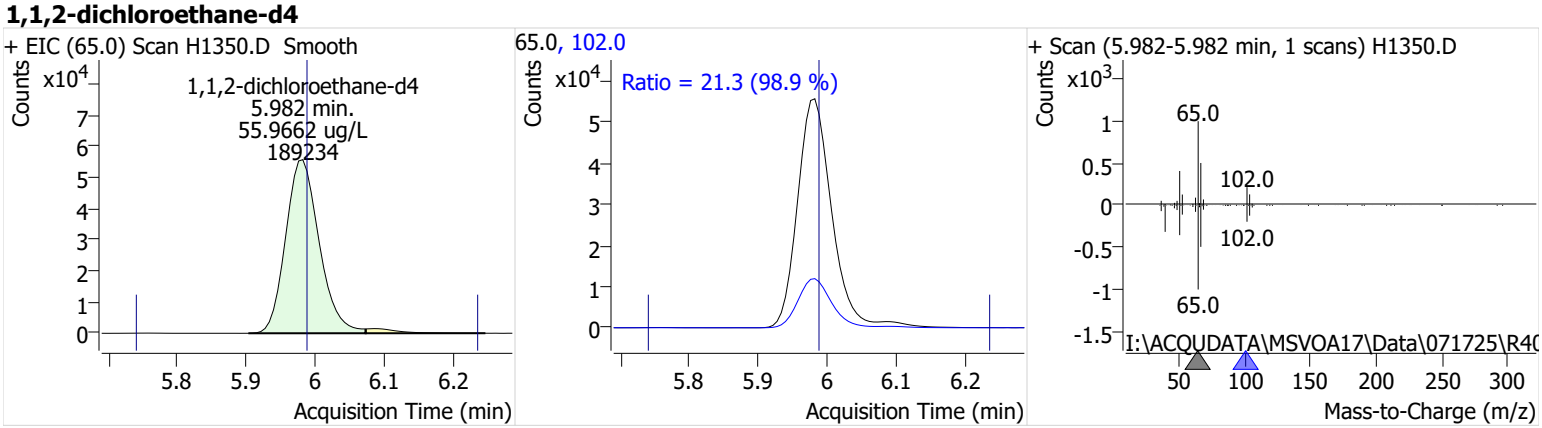


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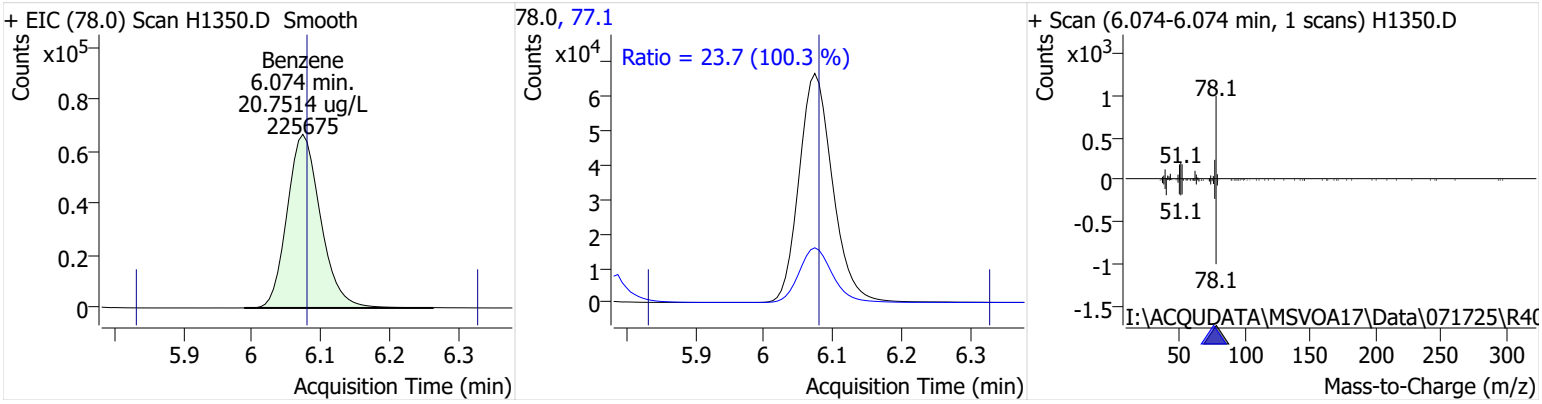
1,1-Dichloropropene



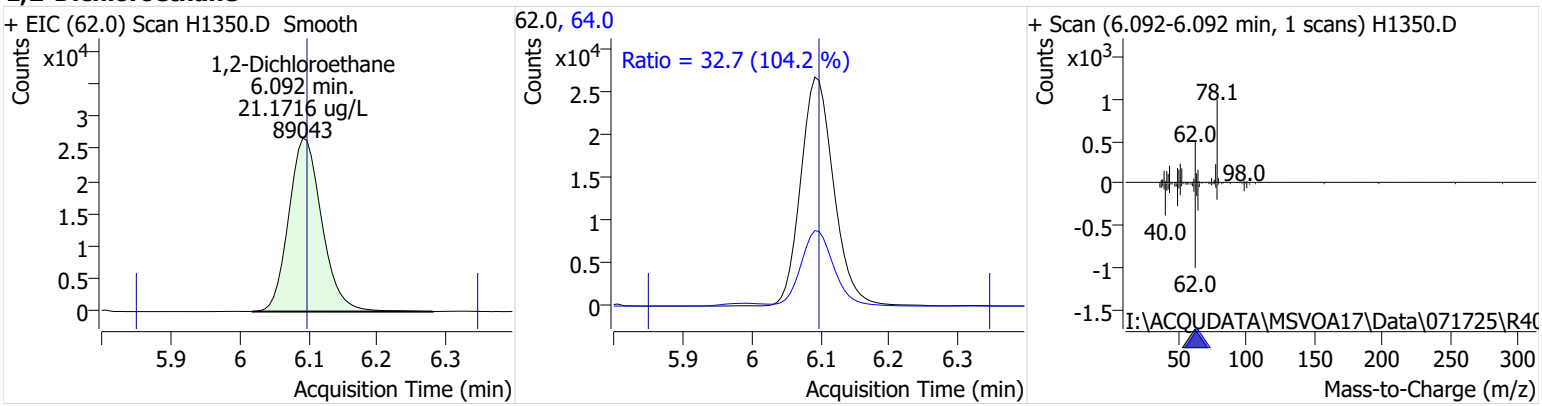
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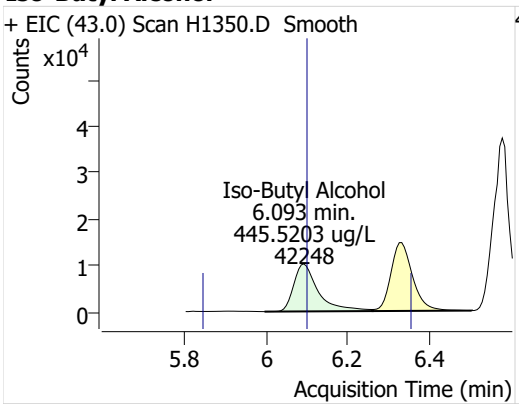


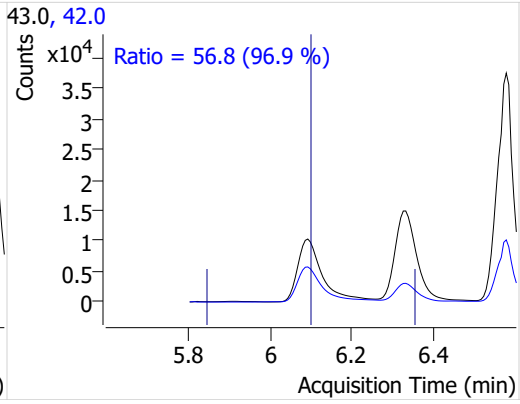
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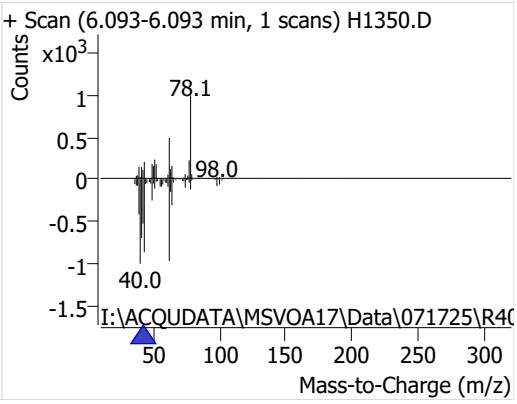


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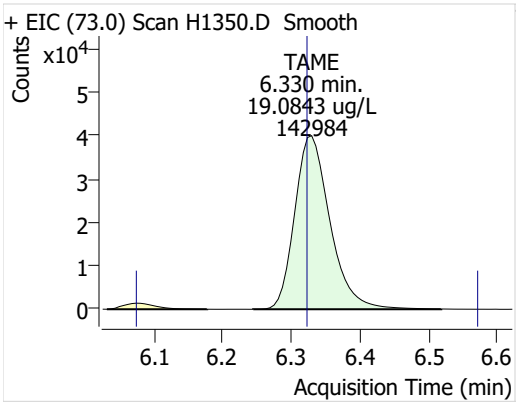
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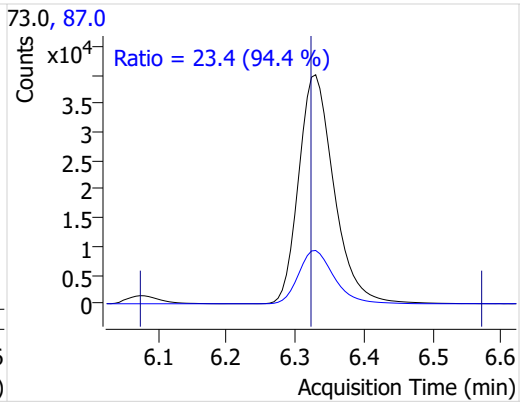


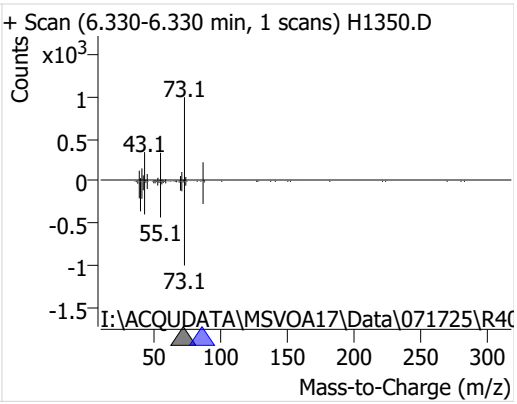




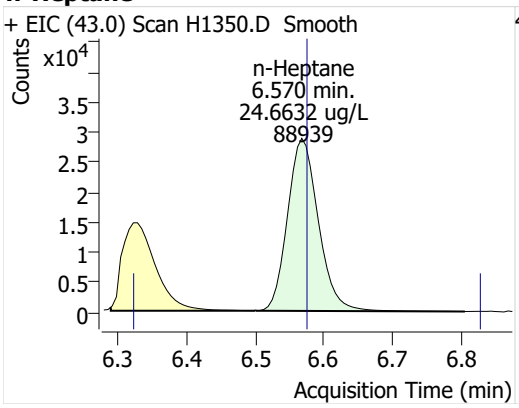
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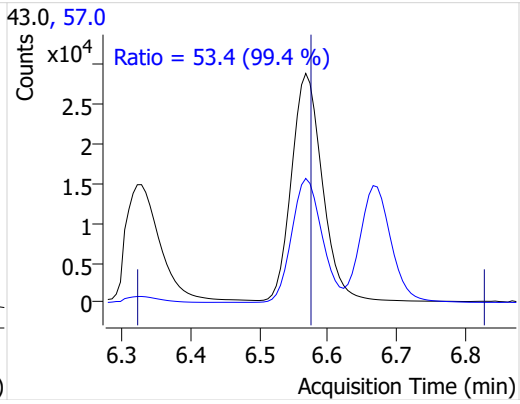


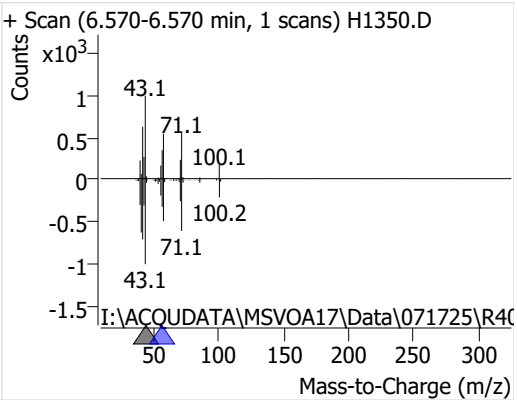




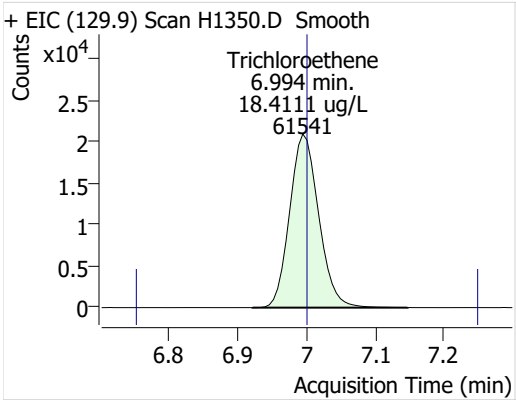
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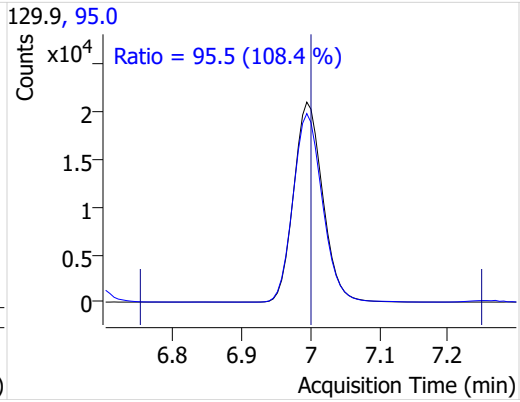


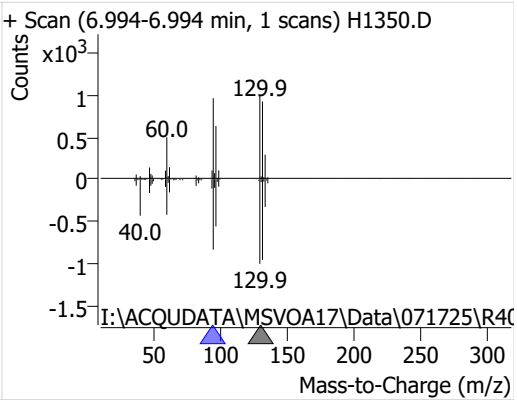




Trichloroethene

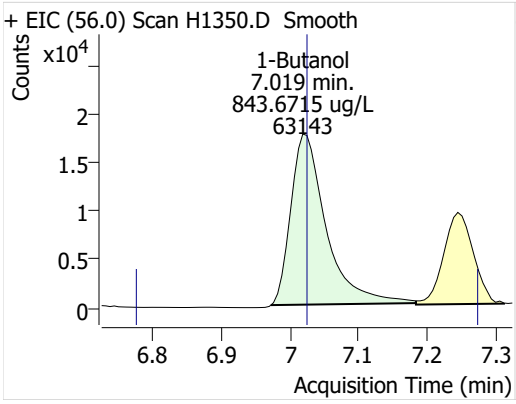


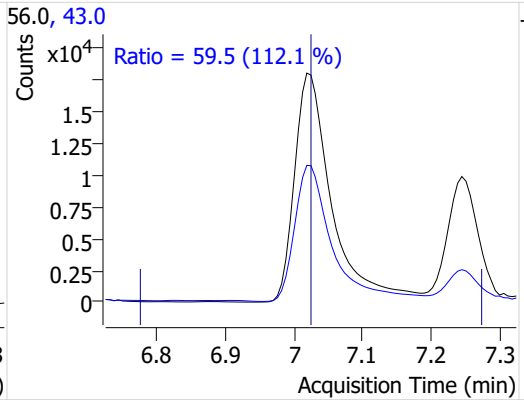


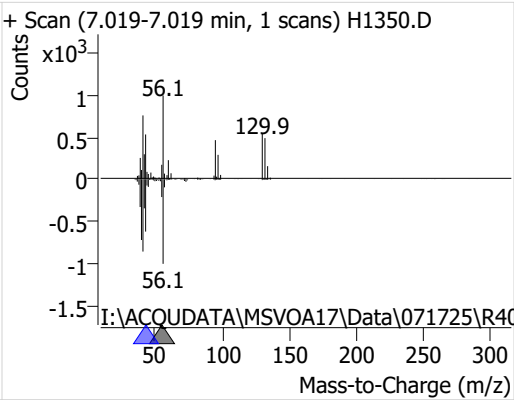


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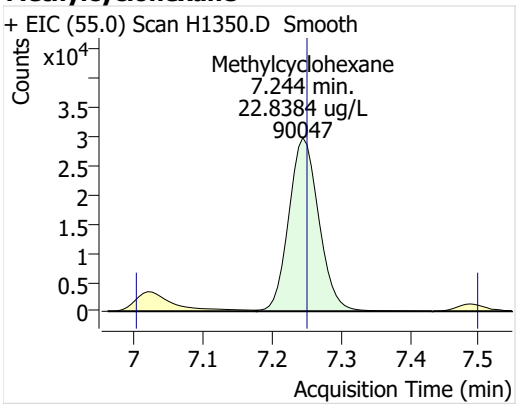
1-Butanol

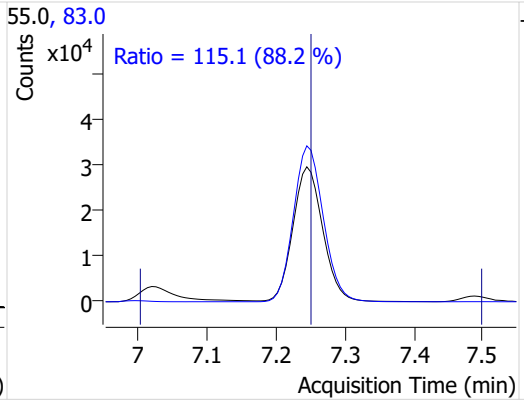


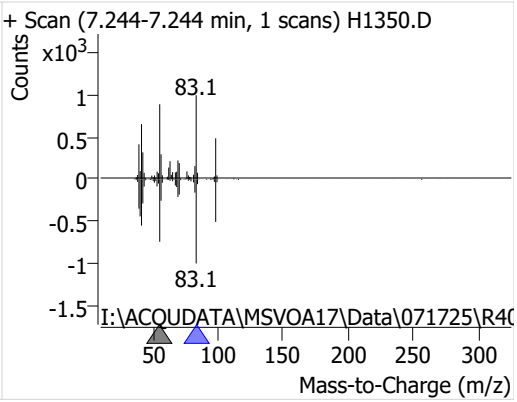




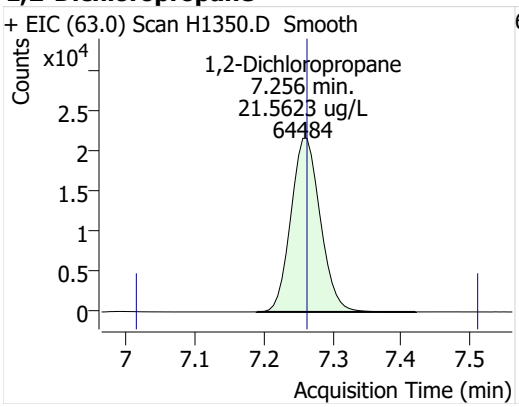
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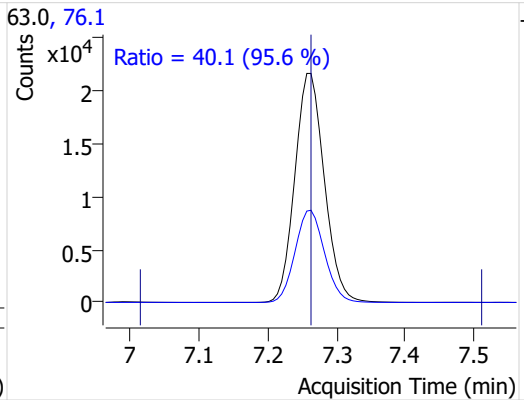


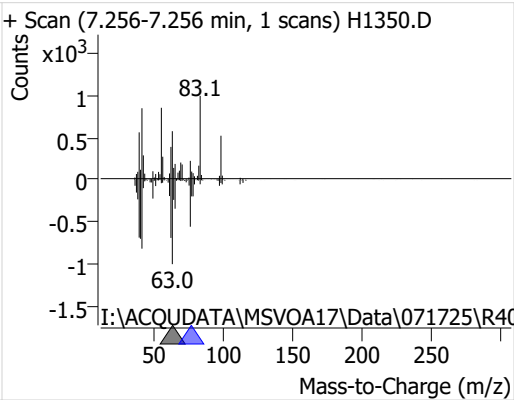




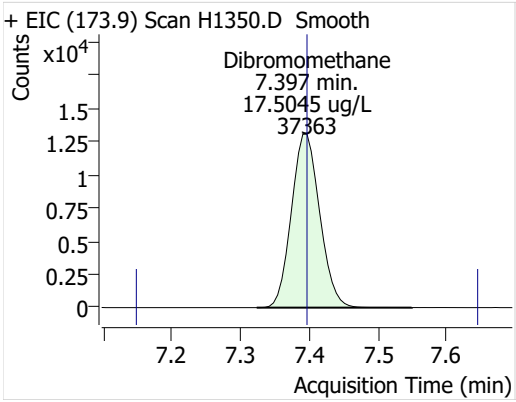
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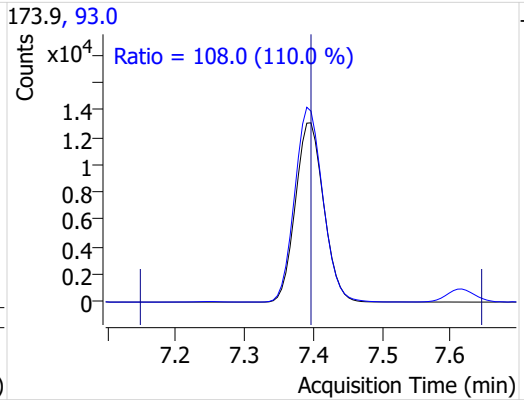


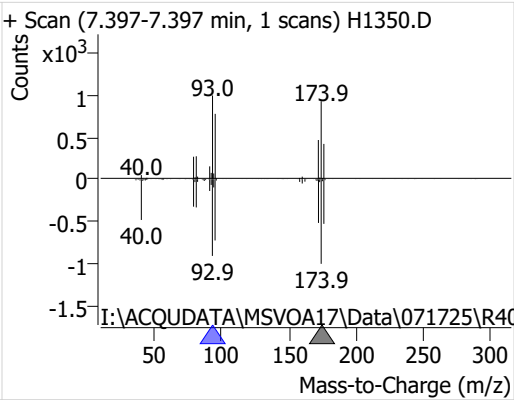




Dibromomethane

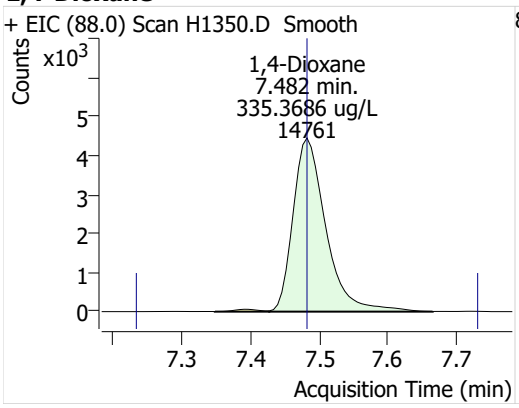


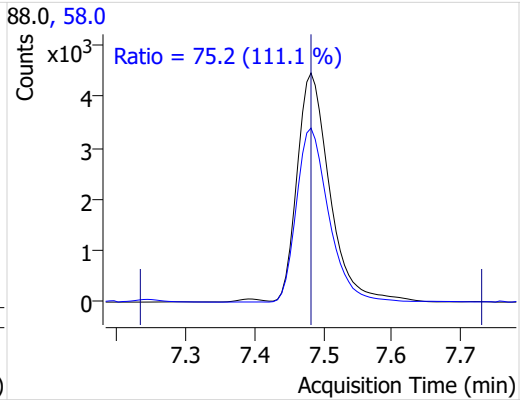


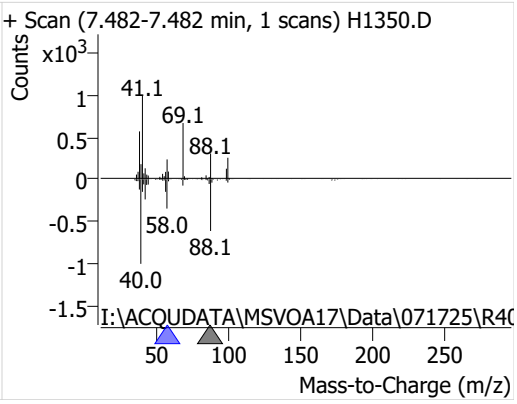


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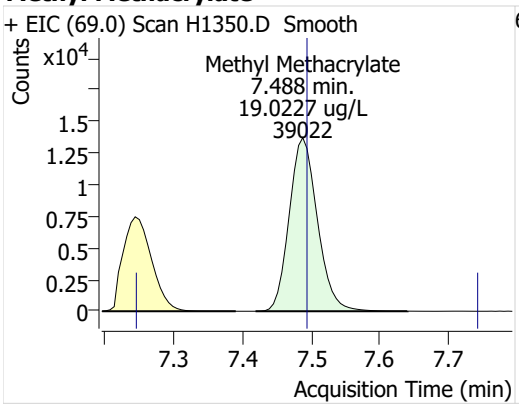
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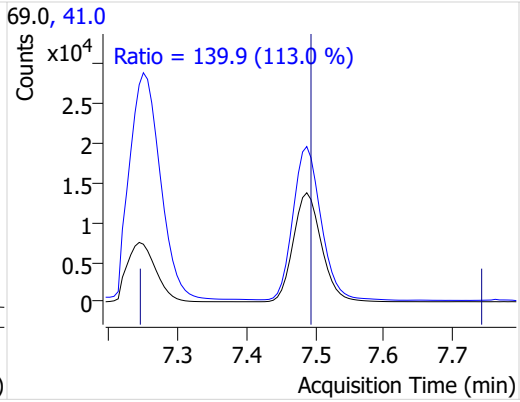


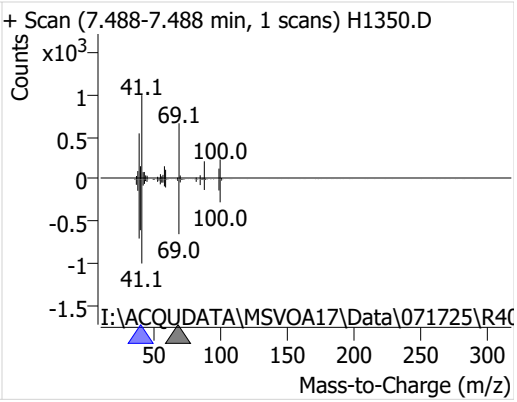




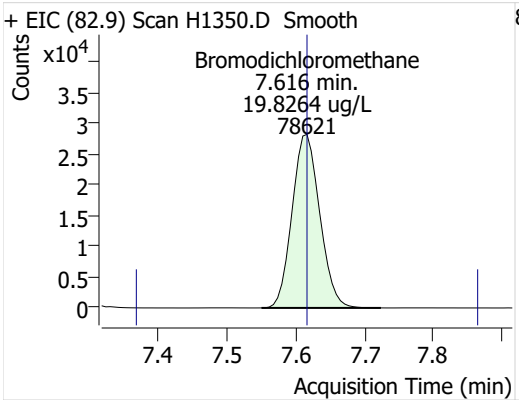
Methyl Methacrylate

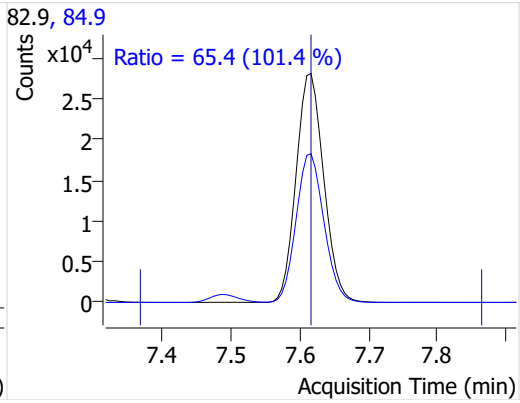


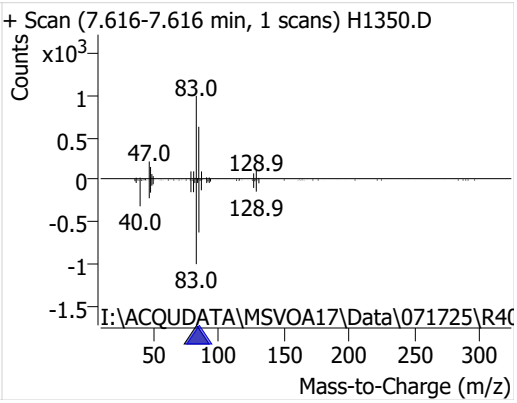




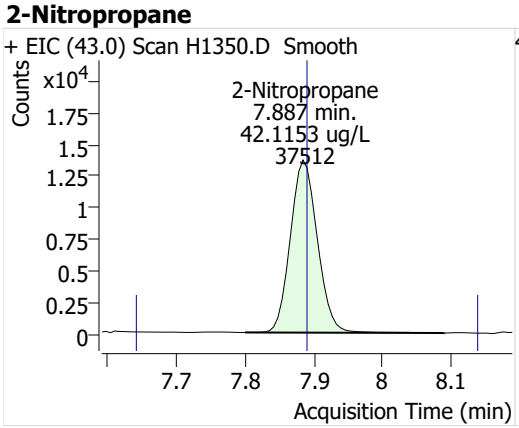
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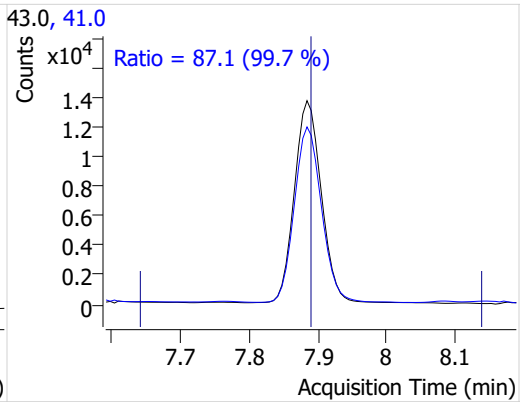


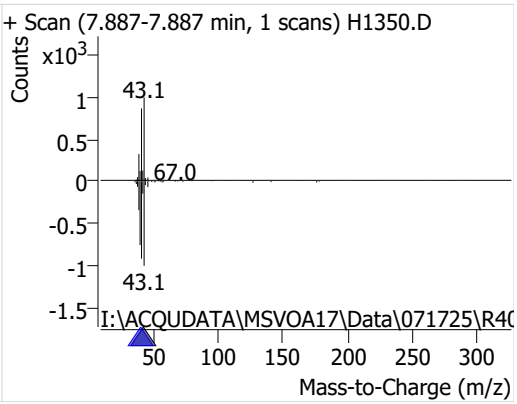




2-Nitropropane

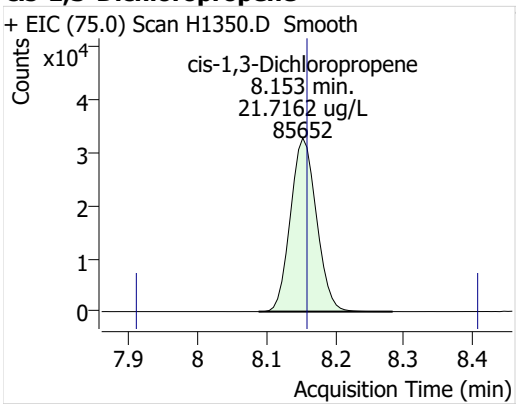


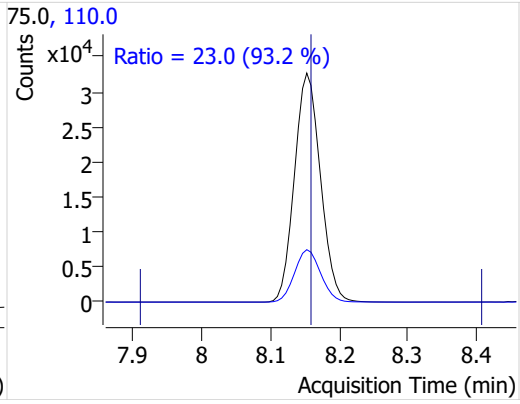


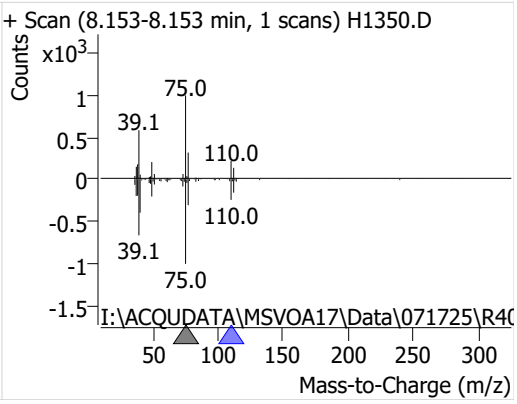


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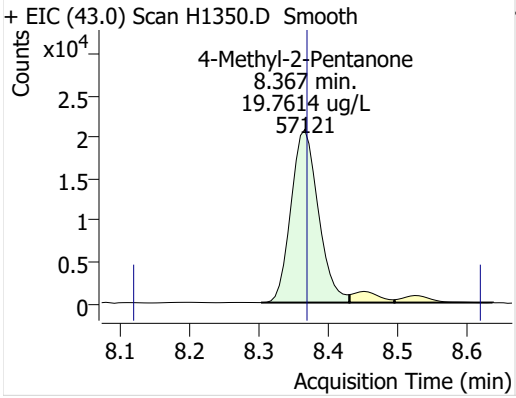
cis-1,3-Dichloropropene

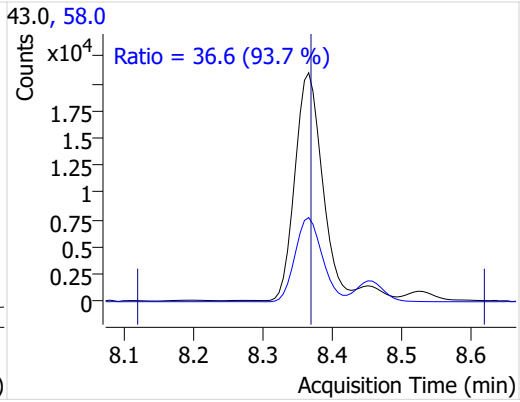


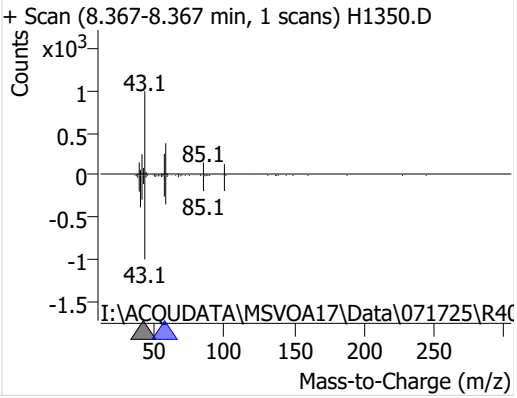




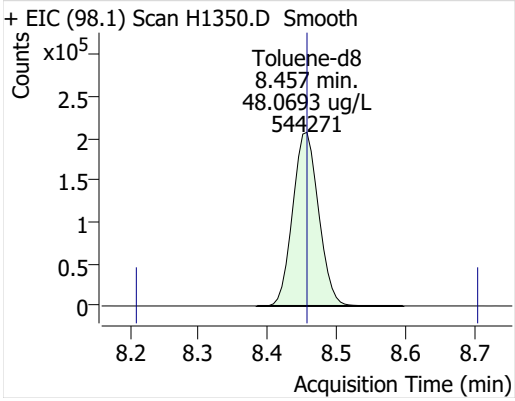
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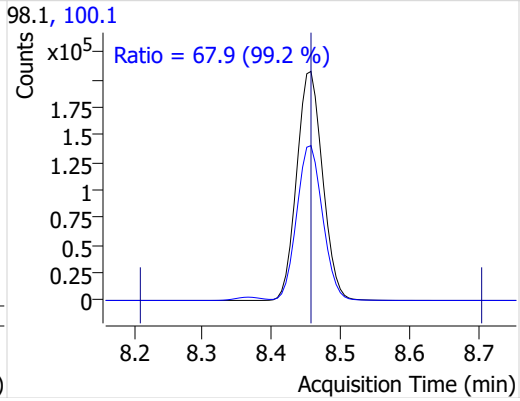


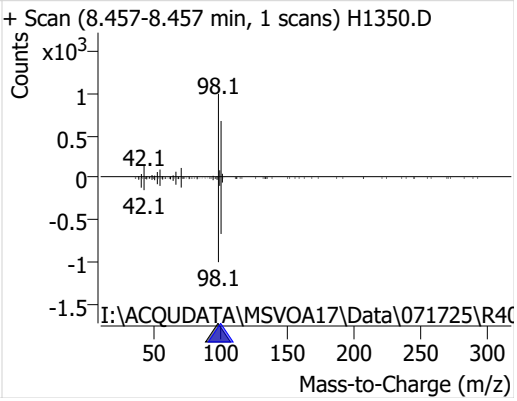




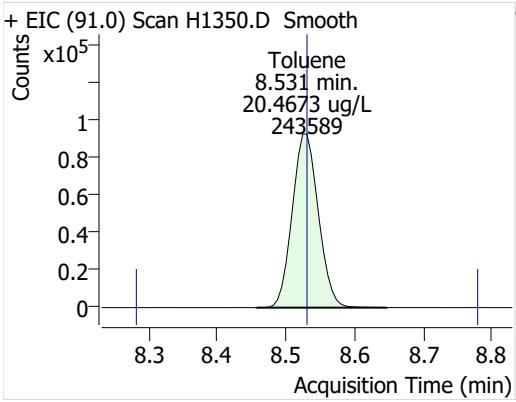
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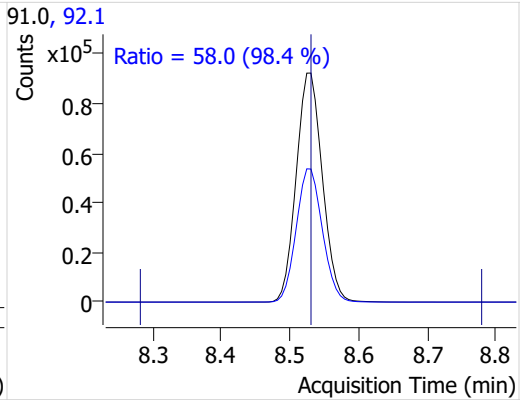


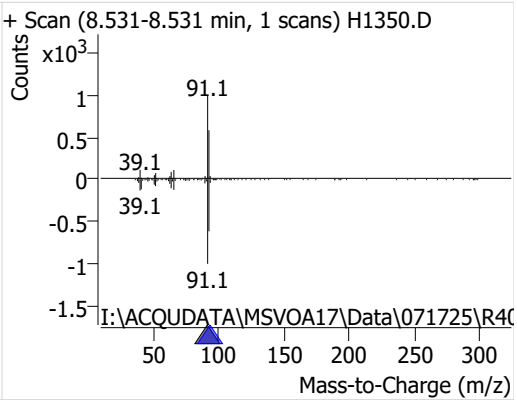




Toluene

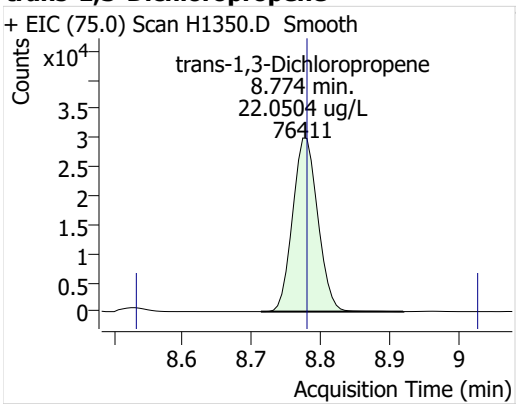


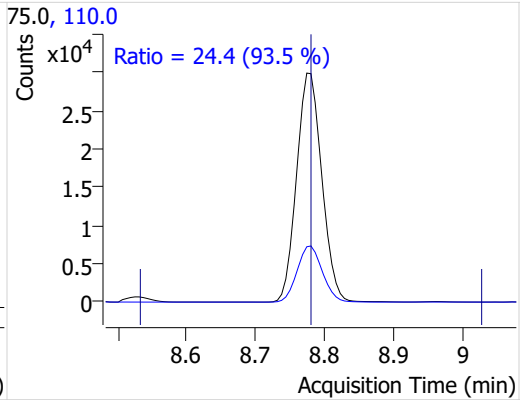


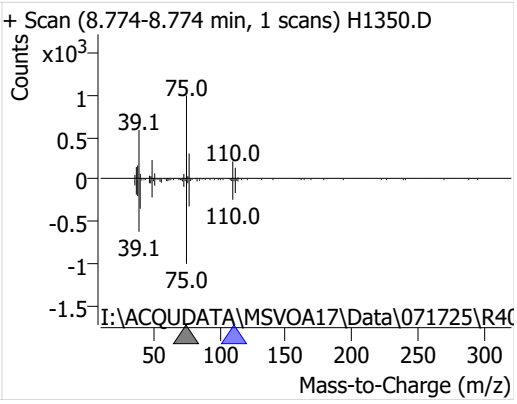


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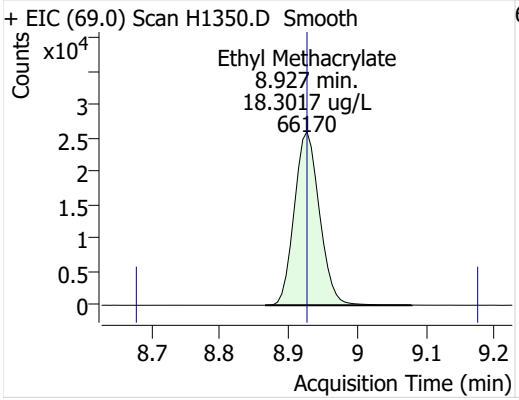
trans-1,3-Dichloropropene

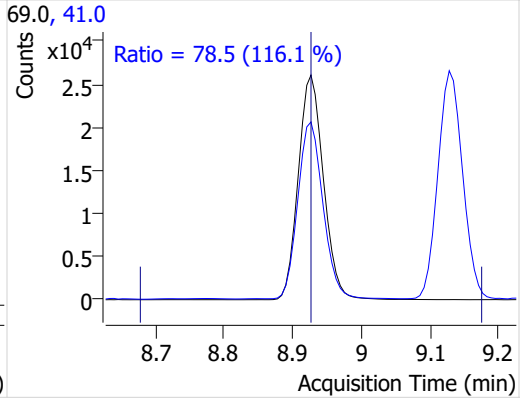


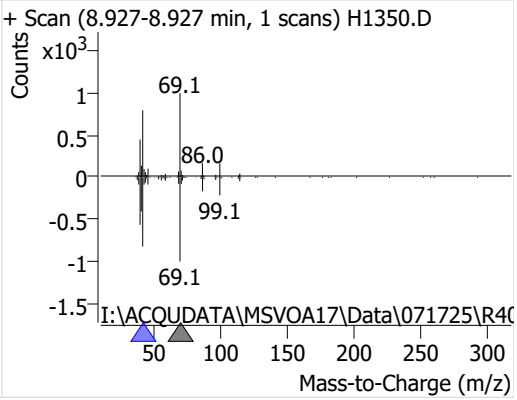




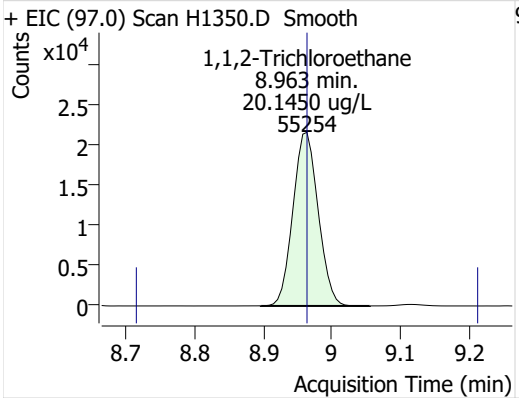
Ethyl Methacrylate

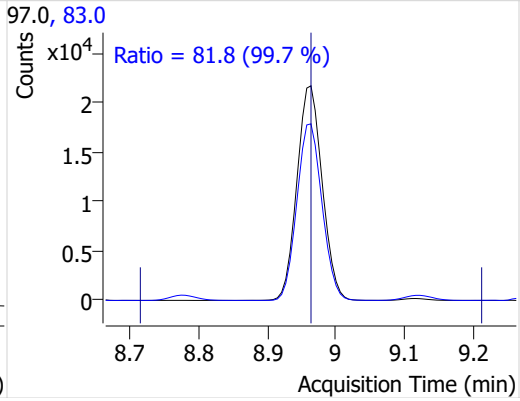


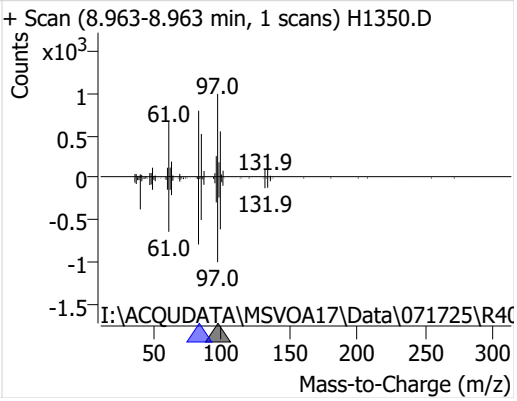




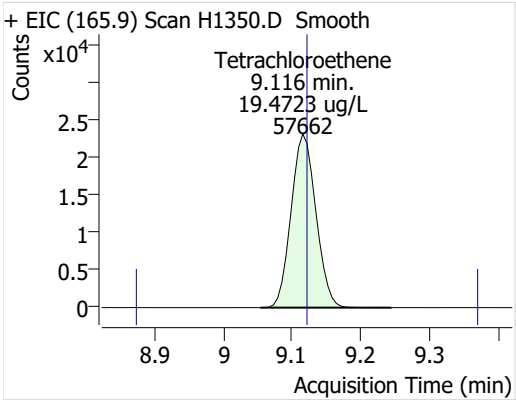
1,1,2-Trichloroethane

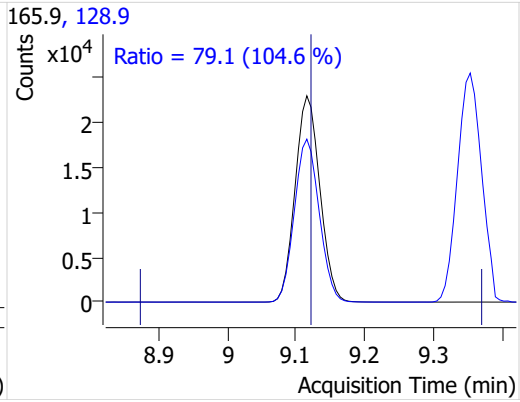


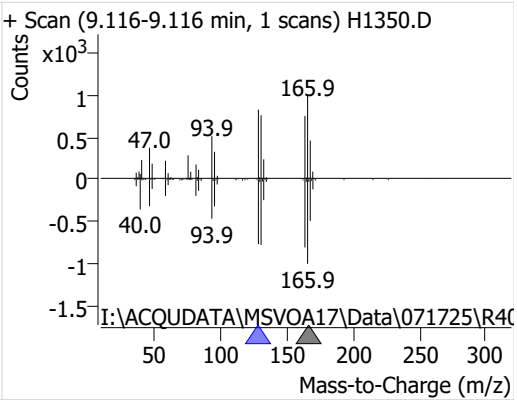




Tetrachloroethene

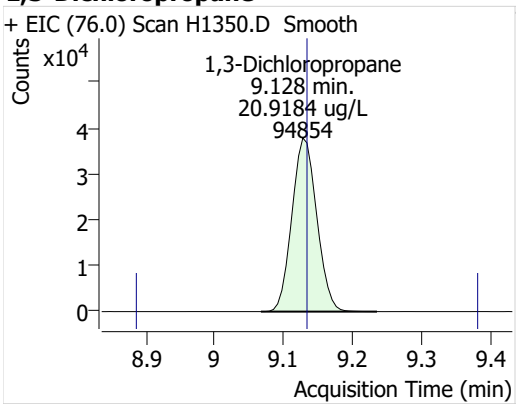


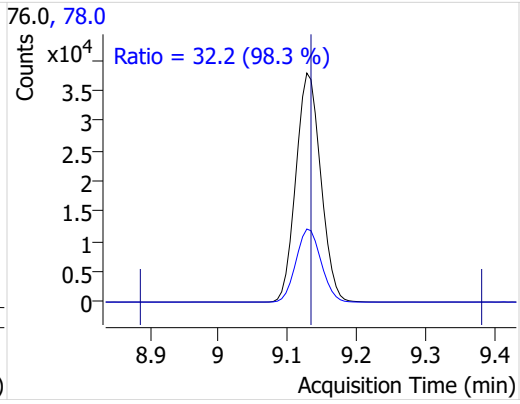


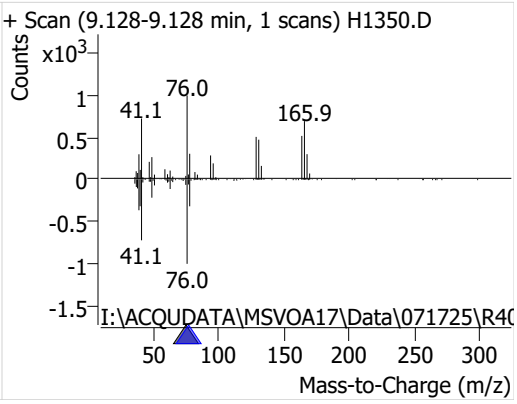


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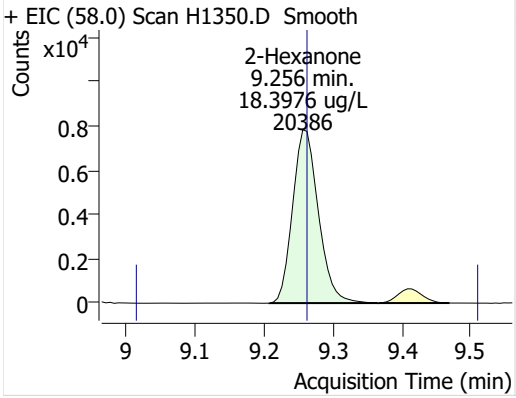
1,3-Dichloropropane

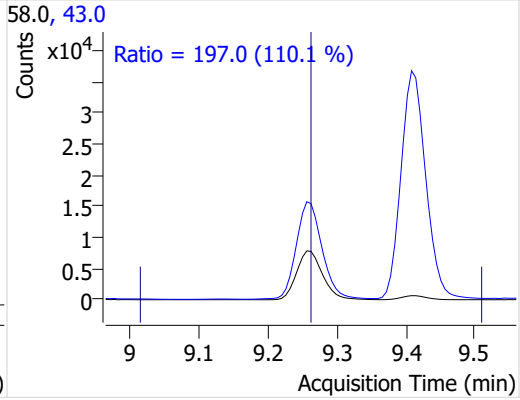


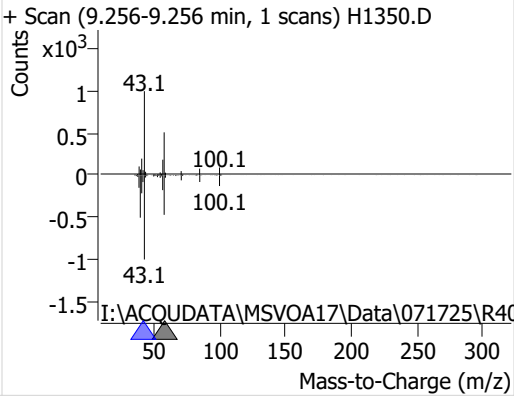




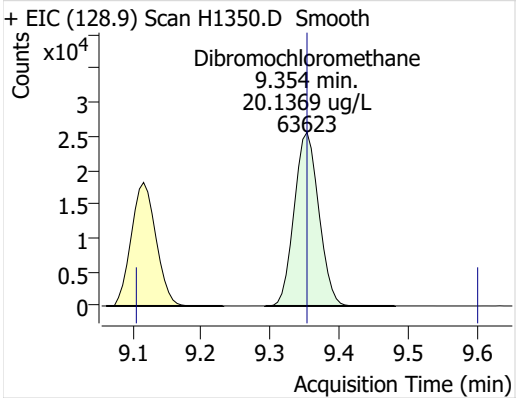
2-Hexanone

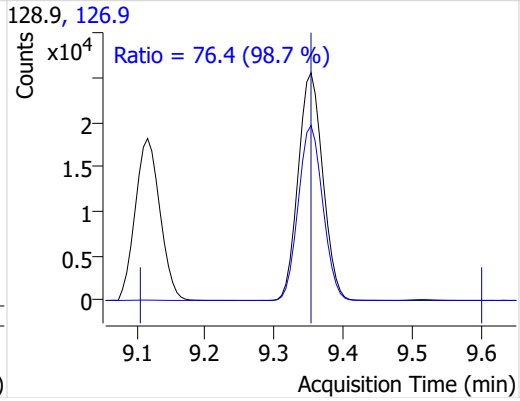


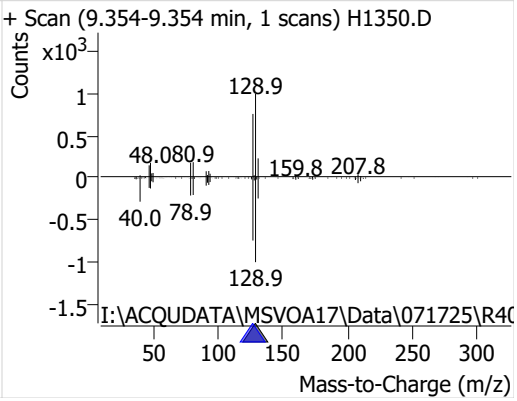




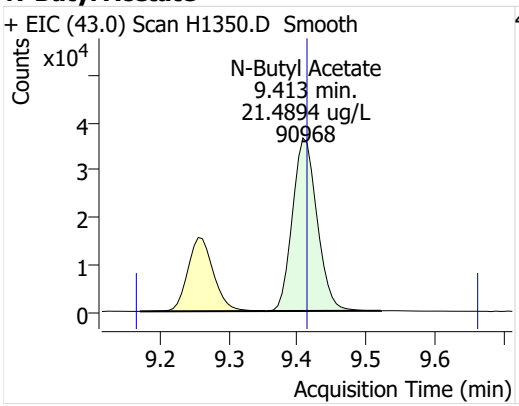
Dibromochloromethane

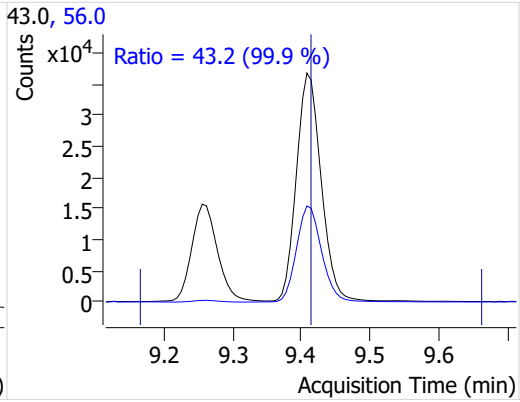


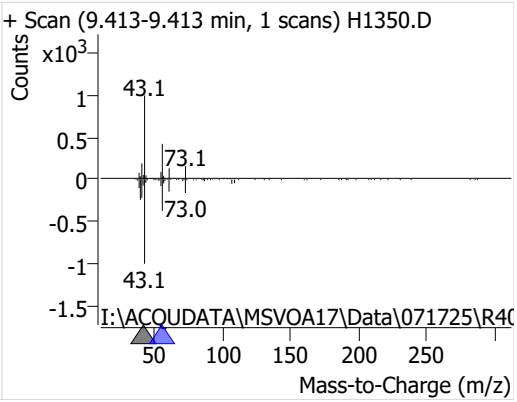




N-Butyl Acetate

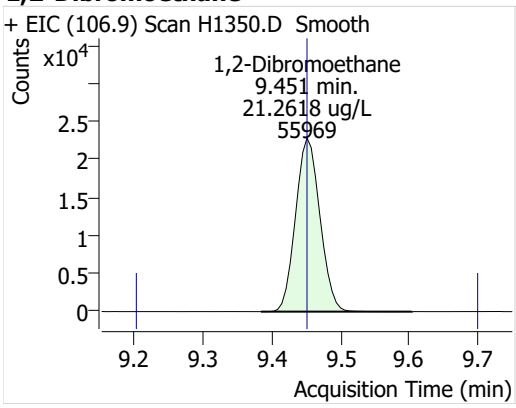


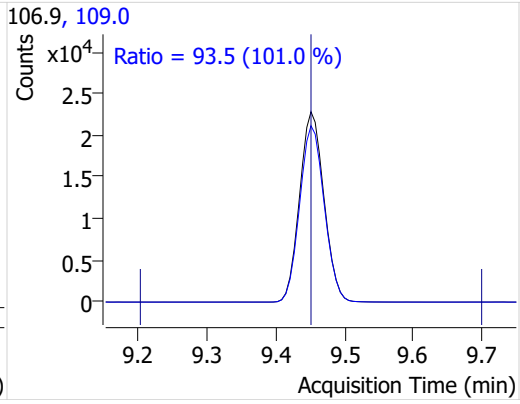


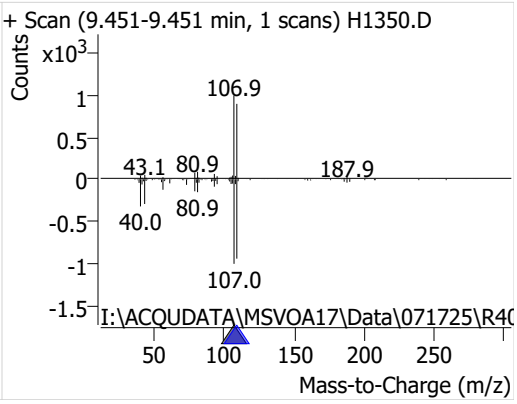


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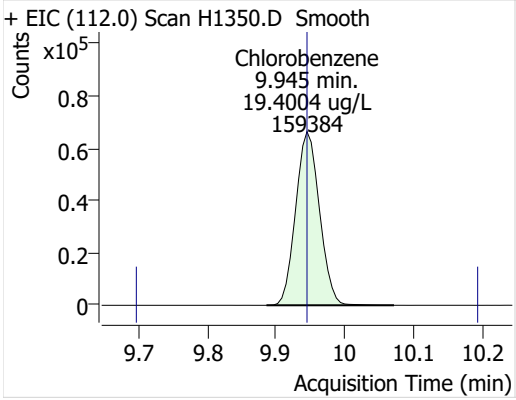
1,2-Dibromoethane

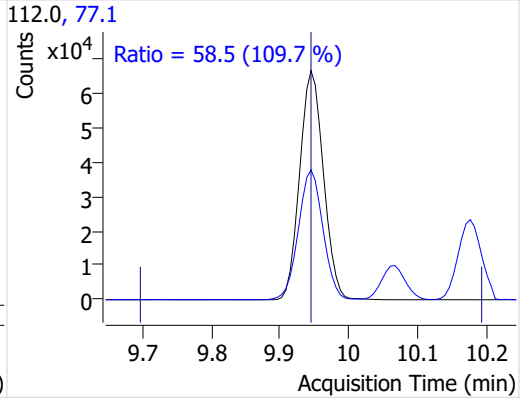


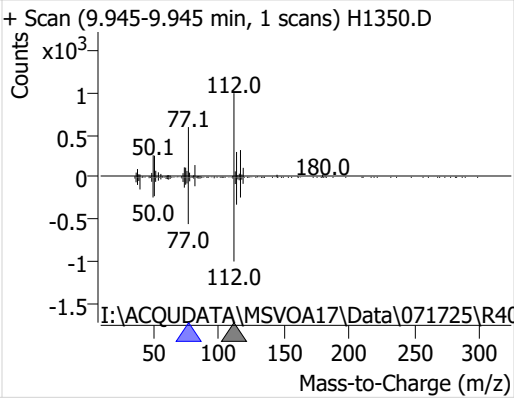




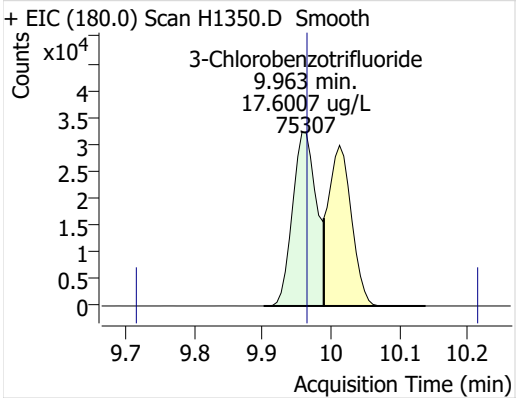
Chlorobenzene

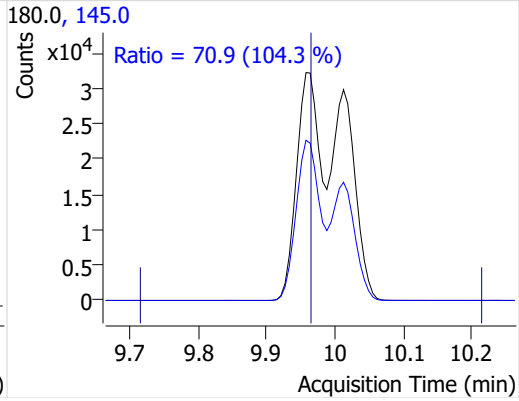


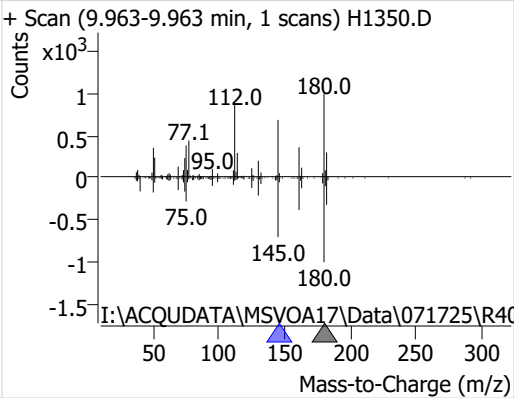




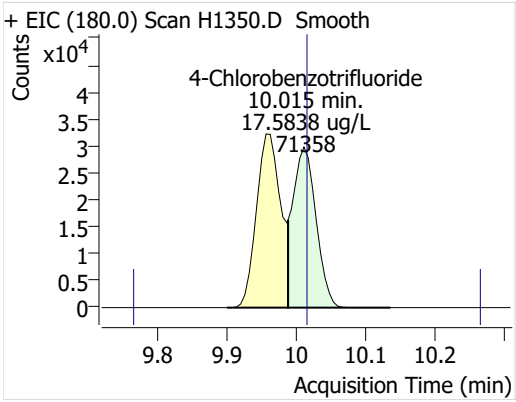
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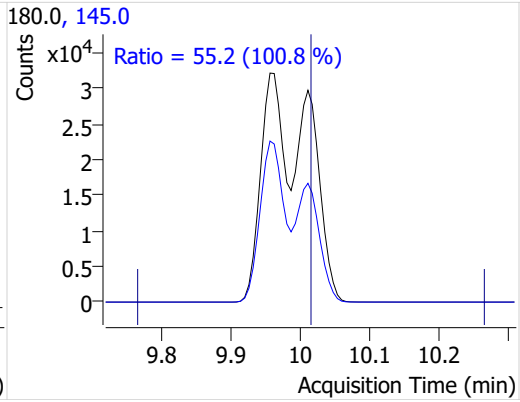


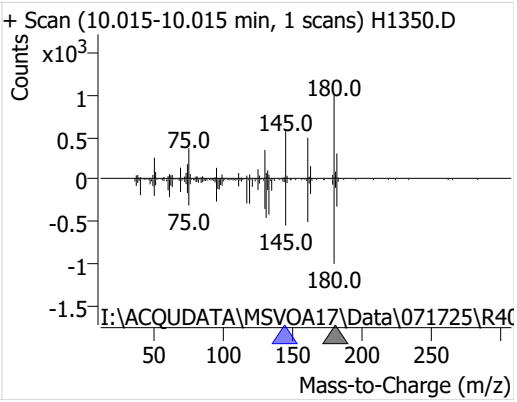




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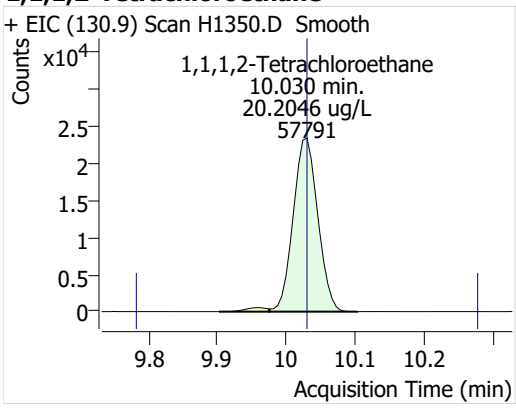


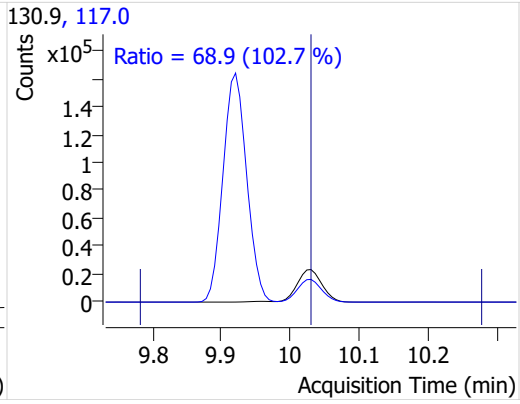


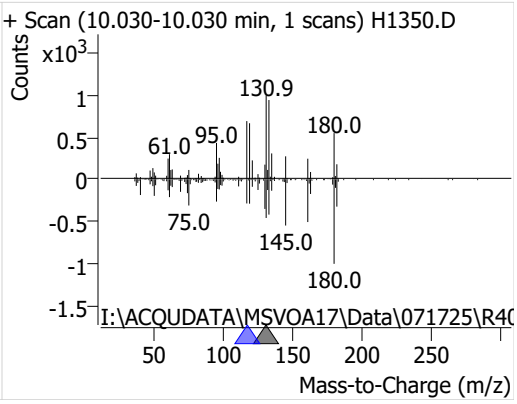


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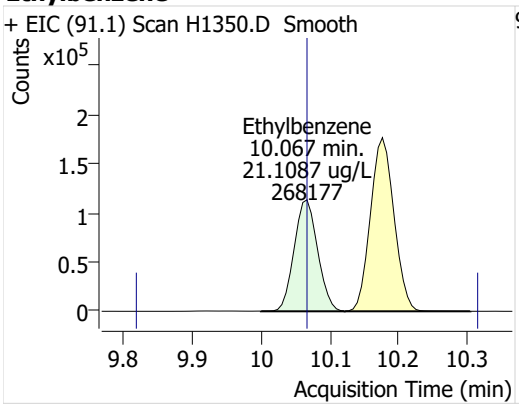
1,1,1,2-Tetrachloroethane

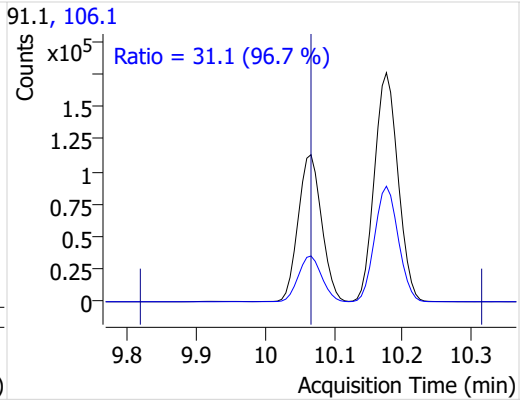


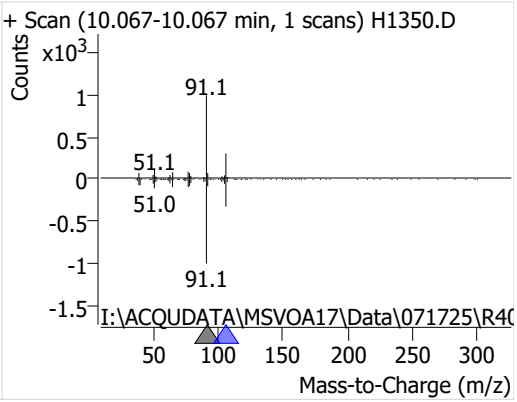




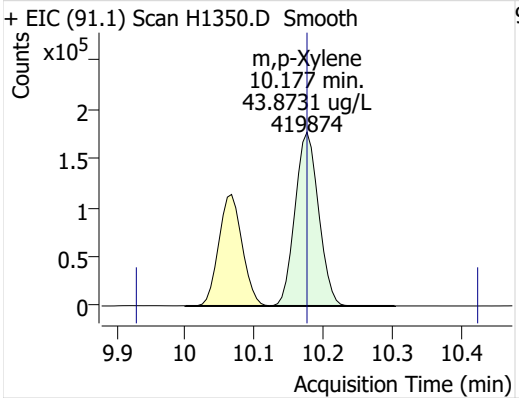
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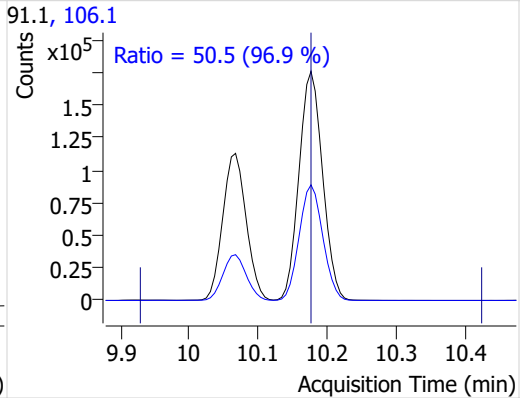


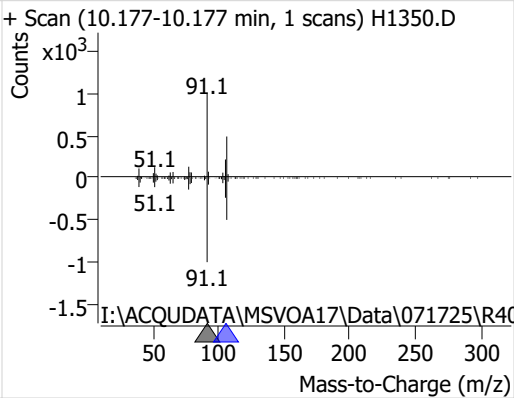




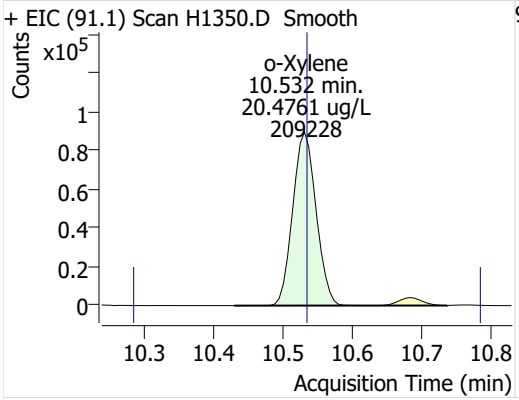
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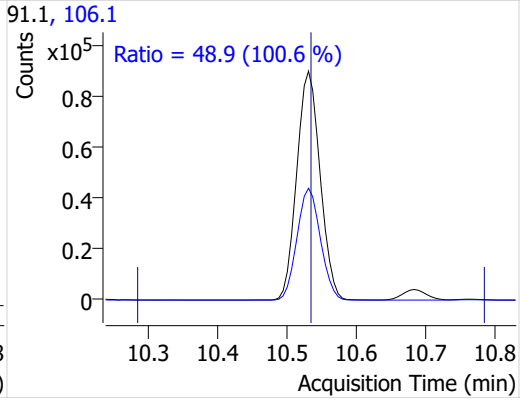


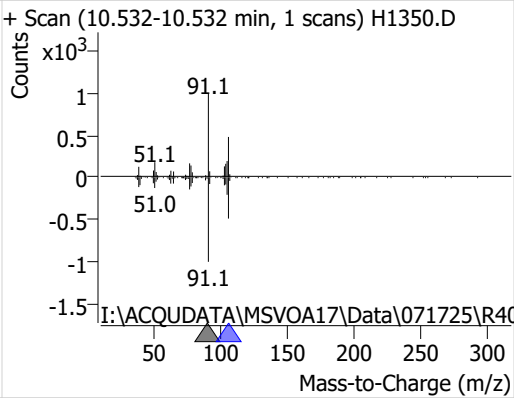




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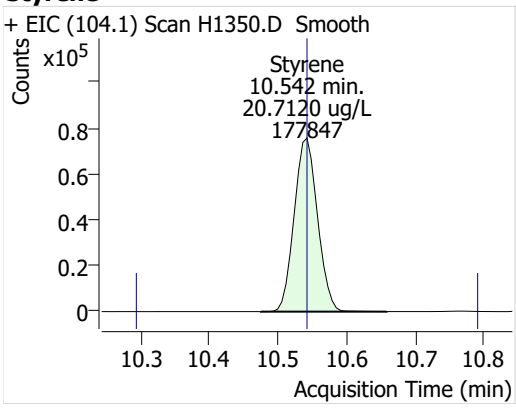


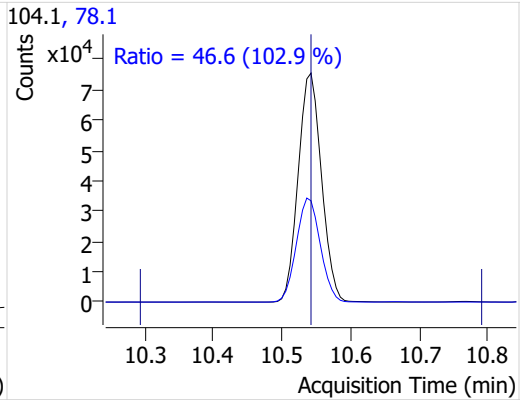


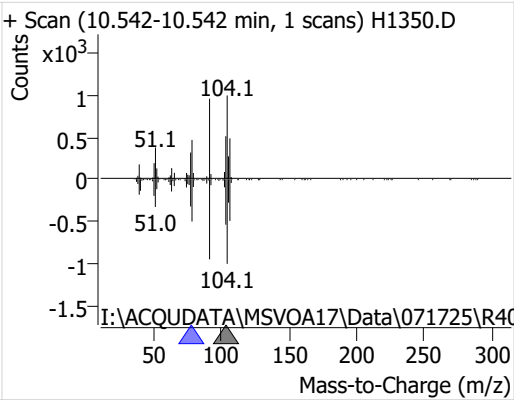


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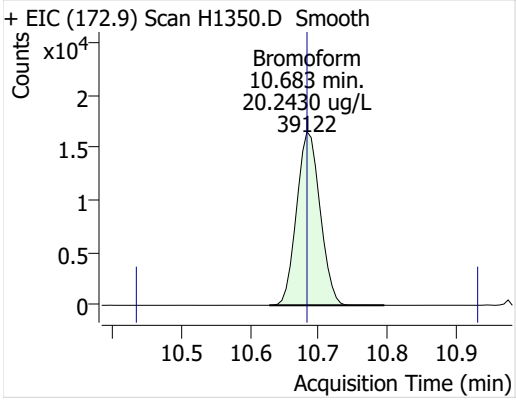
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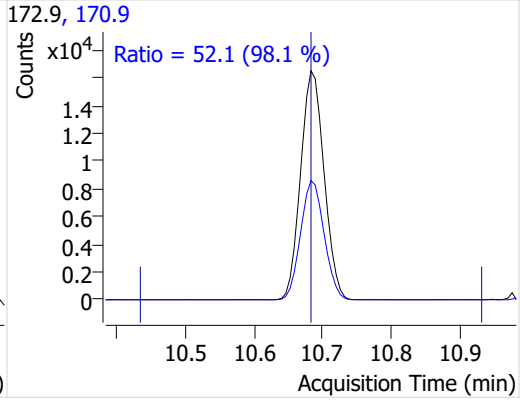


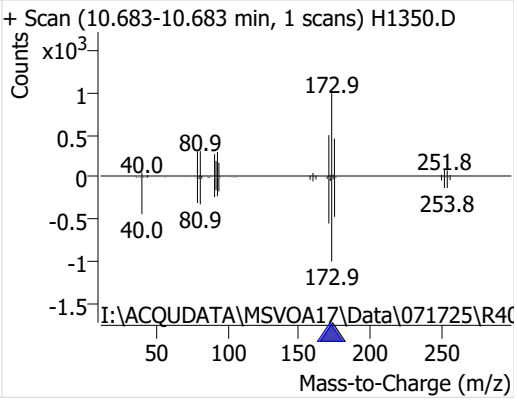




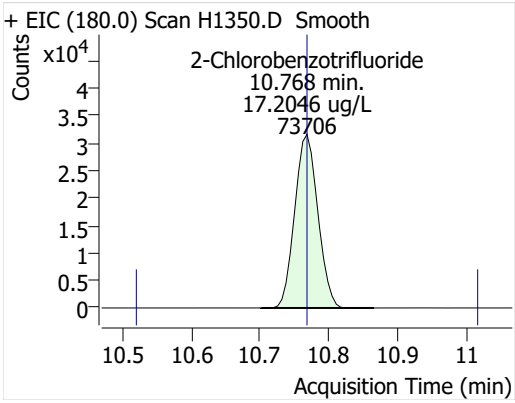
Bromoform

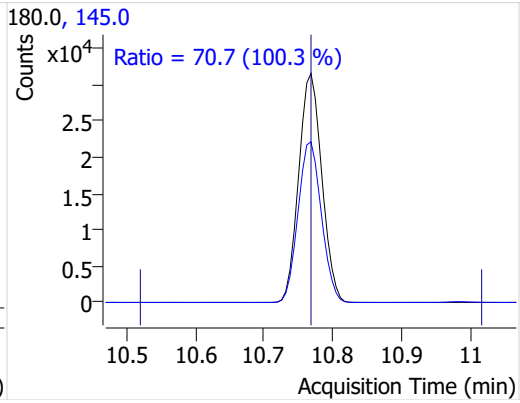


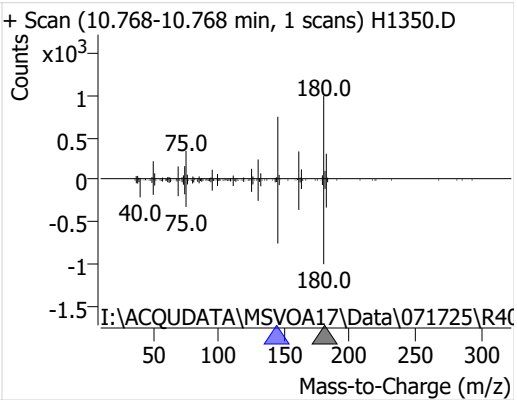




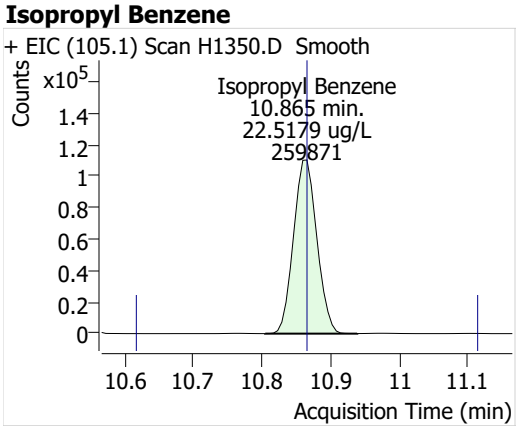
2-Chlorobenzotrifluoride

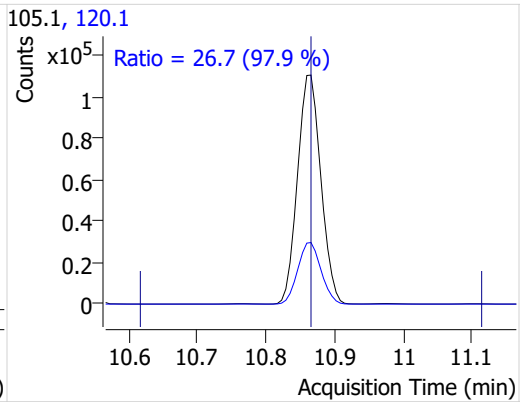


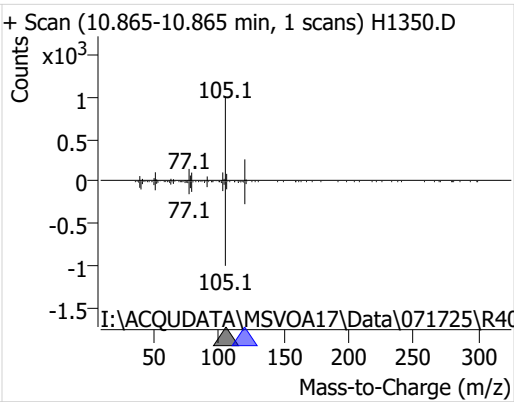




Isopropyl Benzene

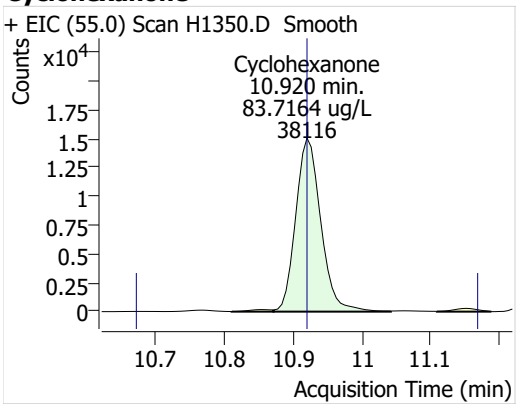


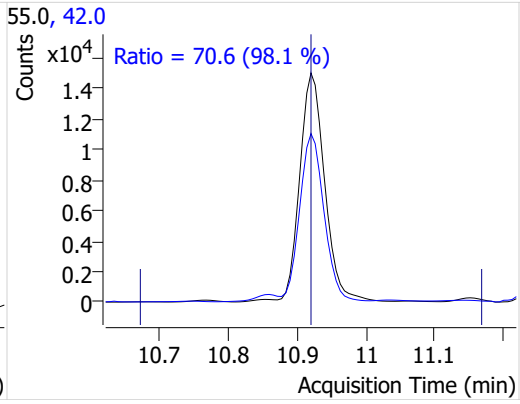


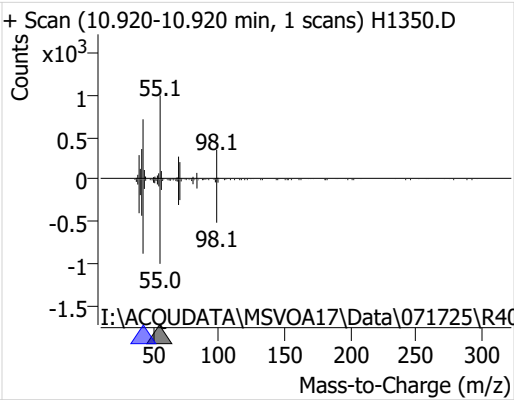


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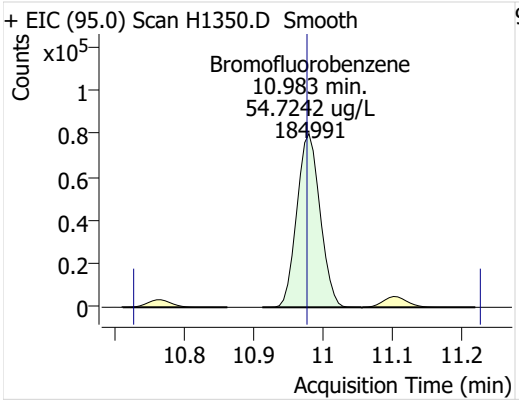
Cyclohexanone

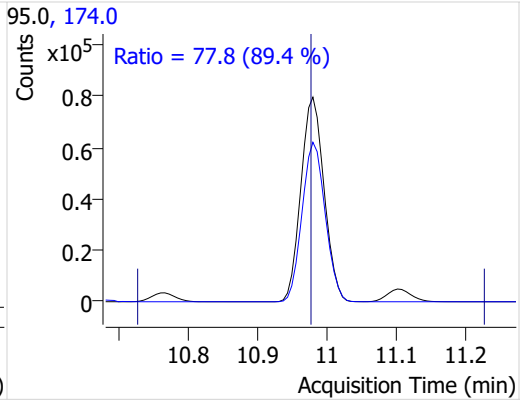


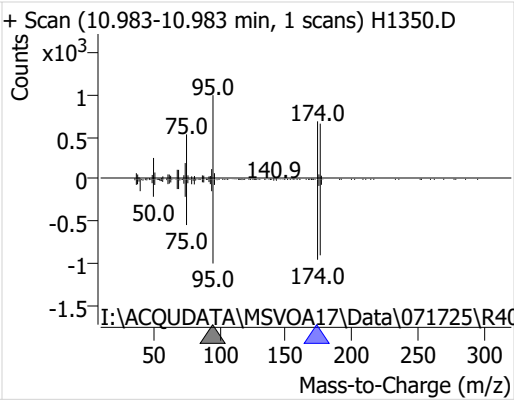




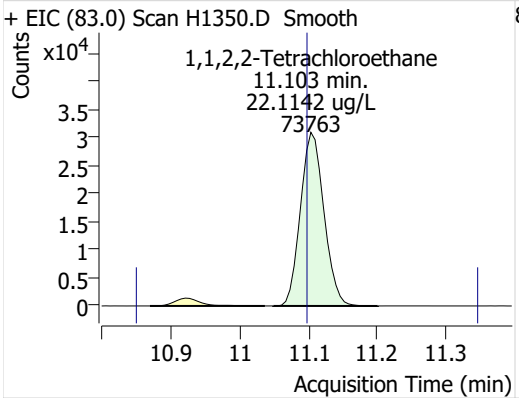
Bromofluorobenzene

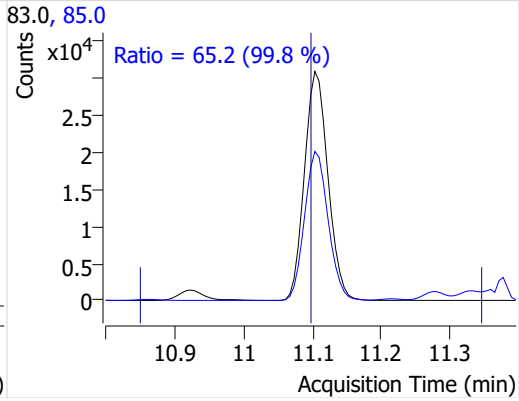


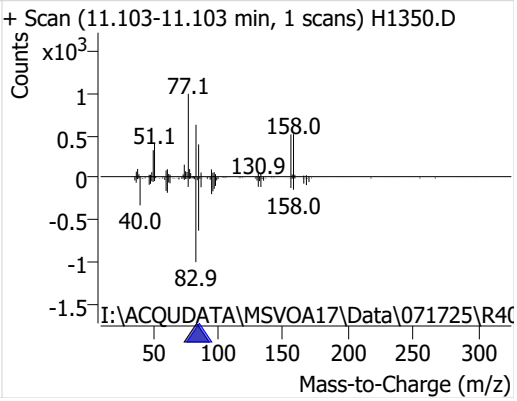




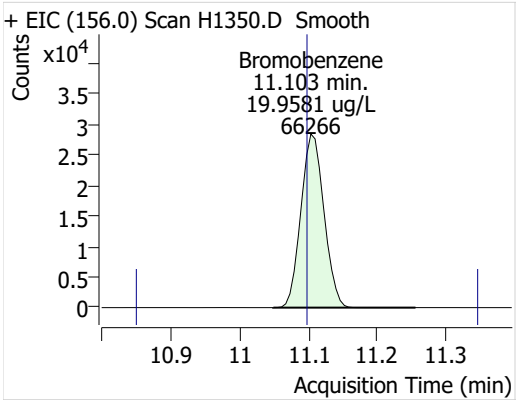
1,1,2,2-Tetrachloroethane

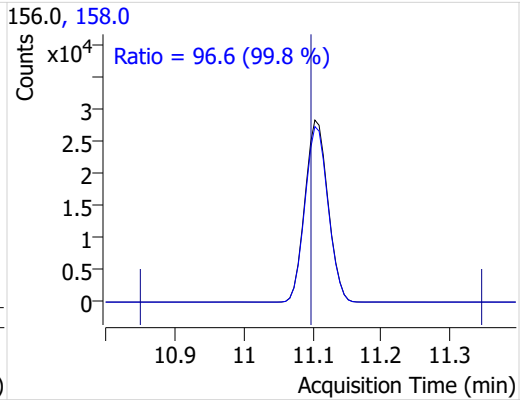


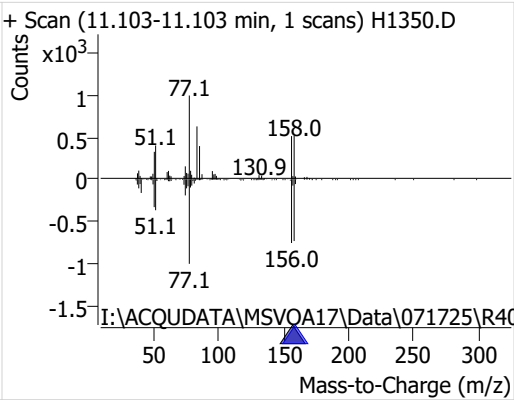




Bromobenzene

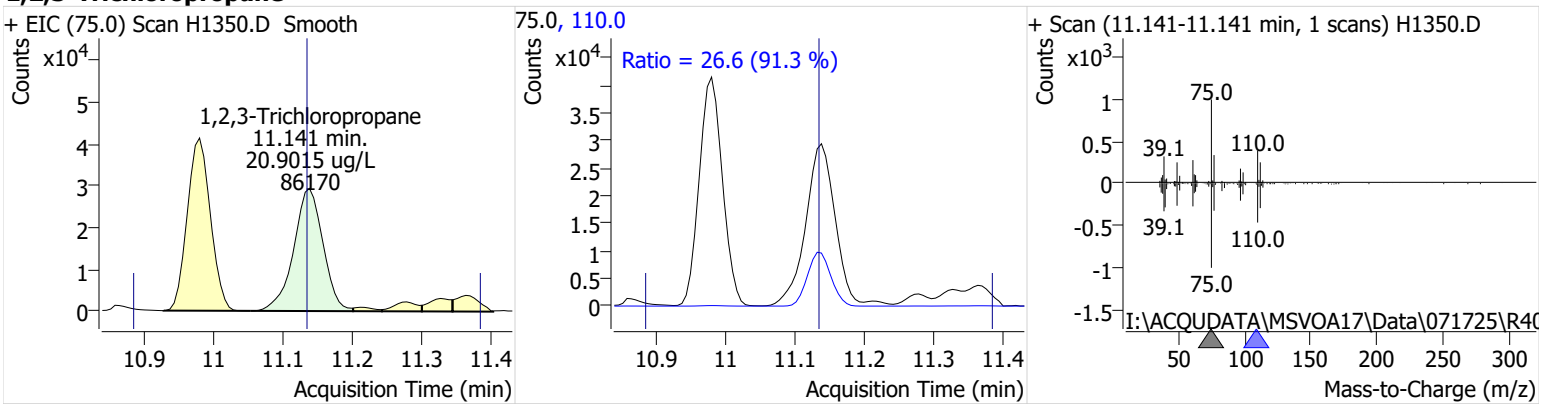




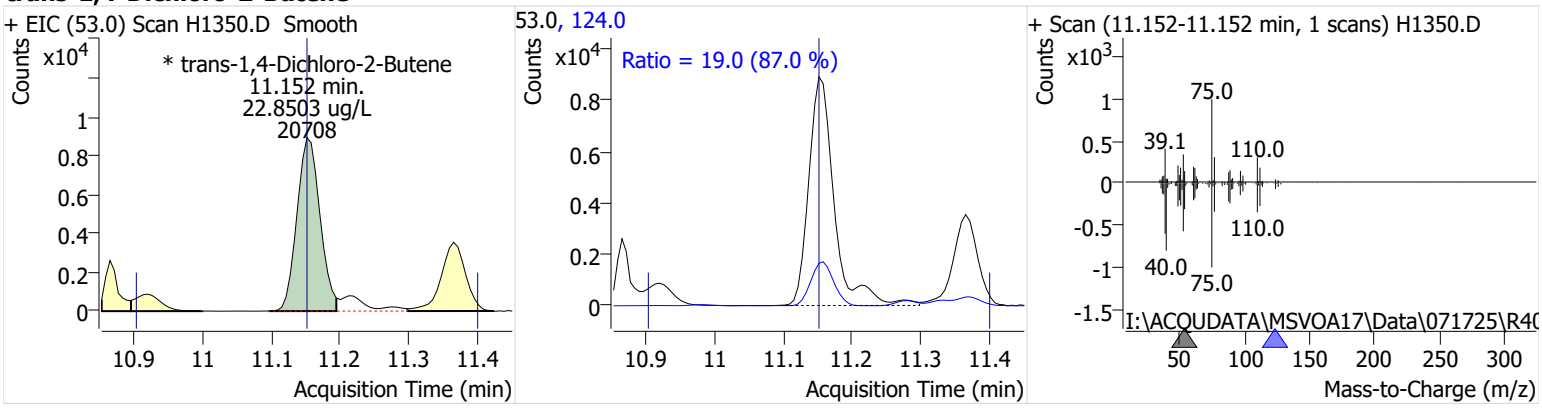


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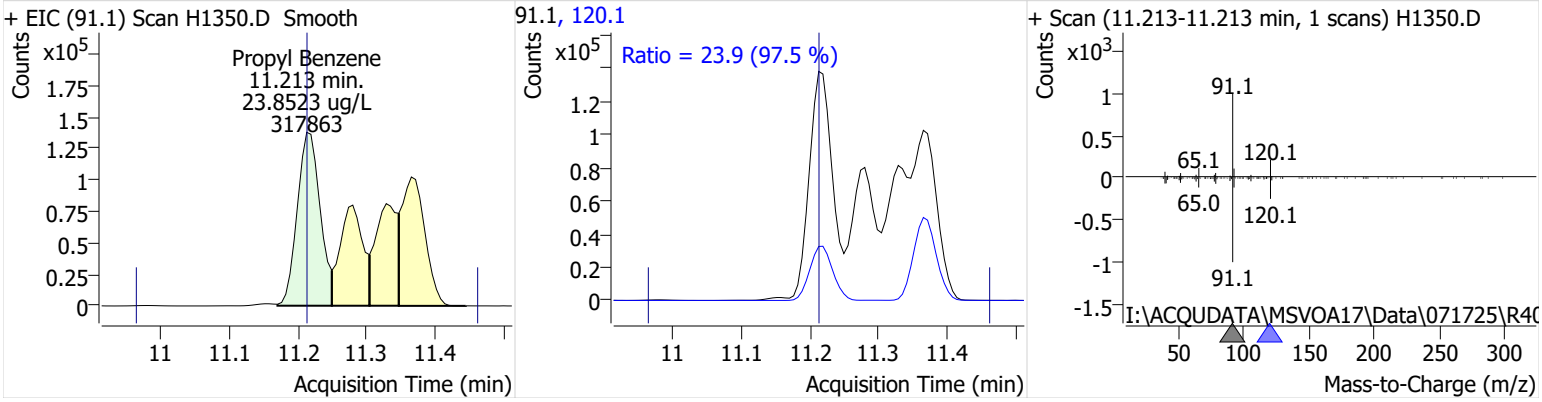
1,2,3-Trichloropropane



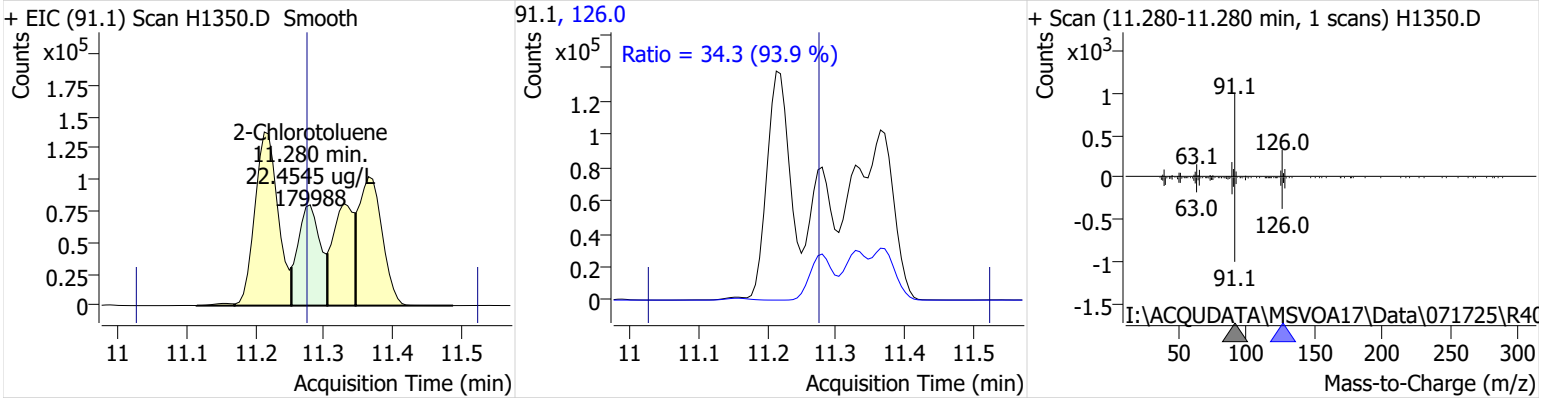
trans-1,4-Dichloro-2-Butene



Propyl Benzene

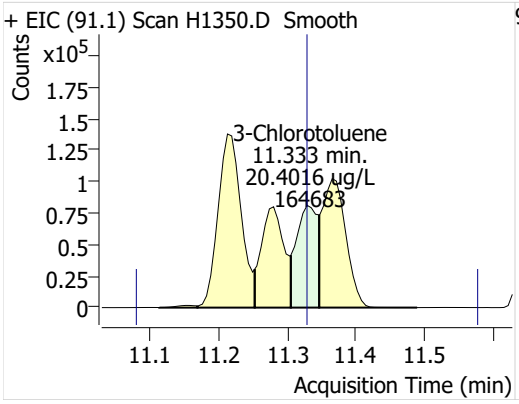


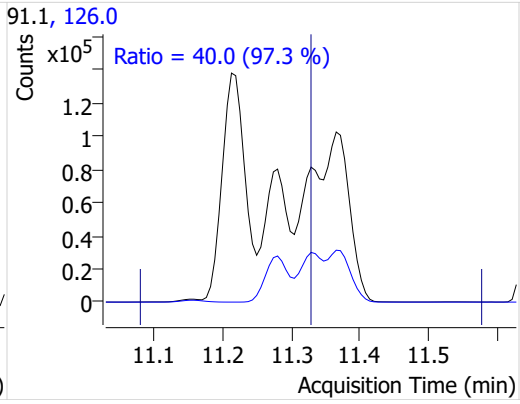
2-Chlorotoluene

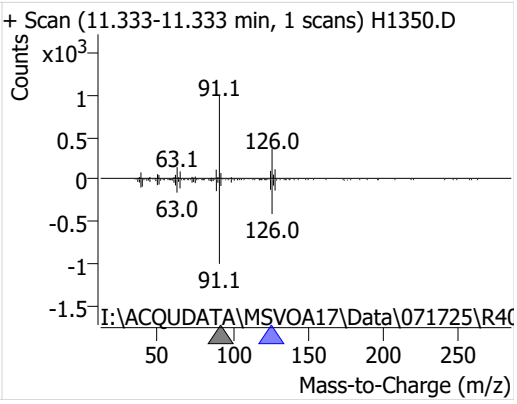


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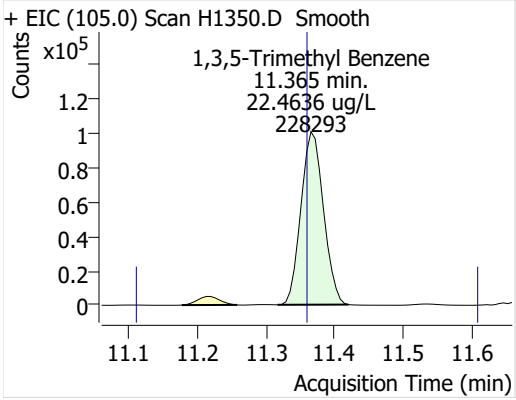
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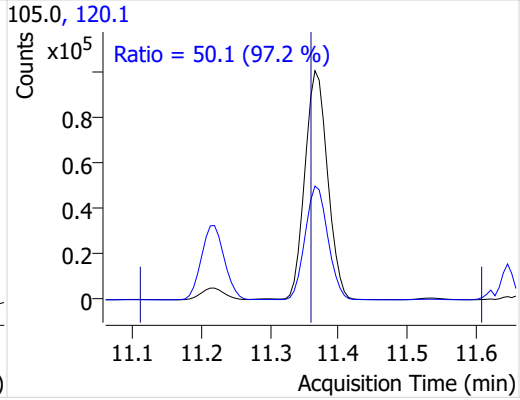


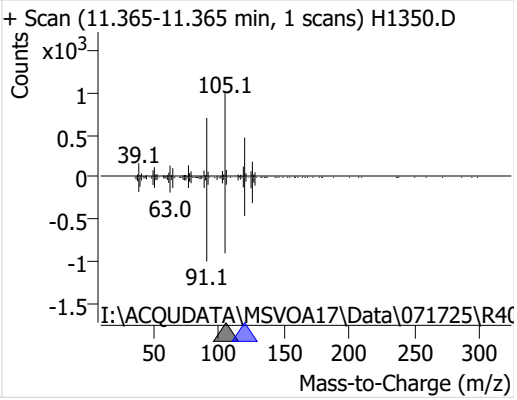




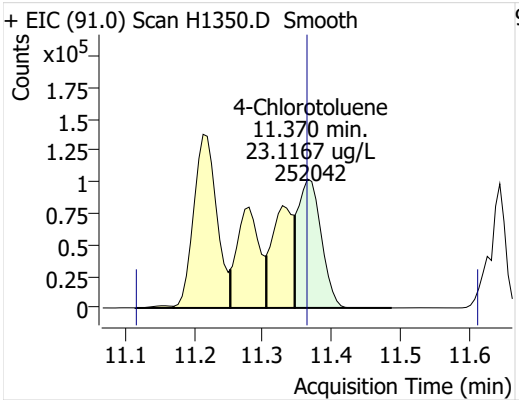
1,3,5-Trimethyl Benzene

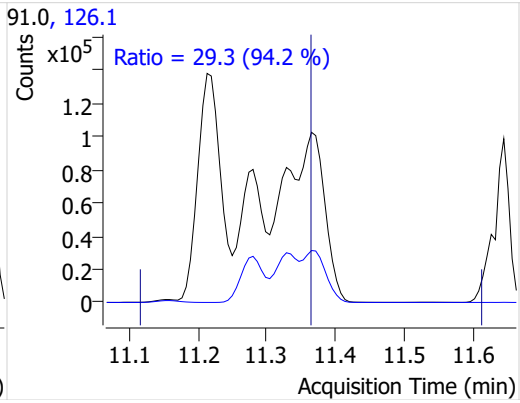


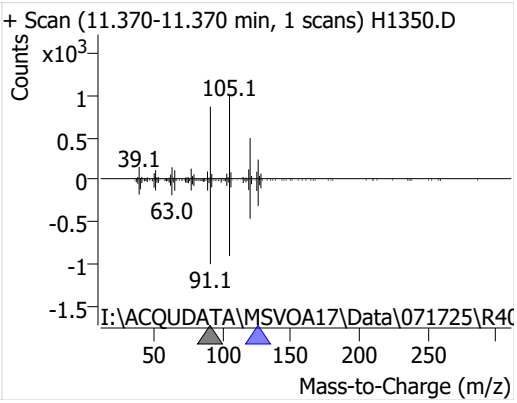




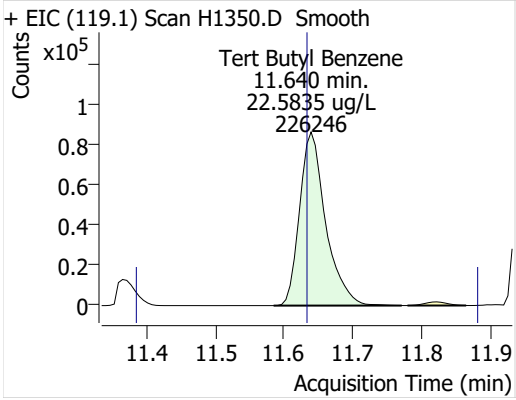
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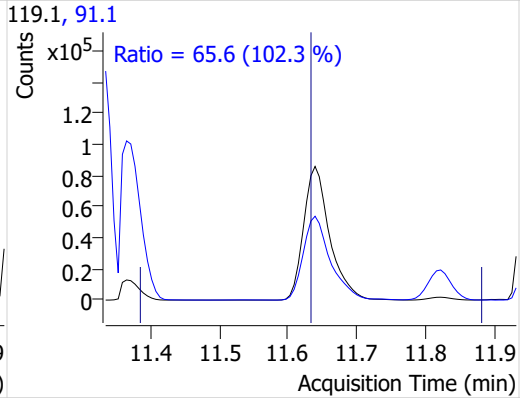


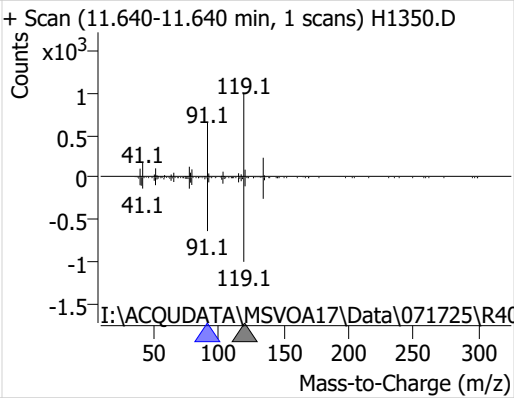




Tert Butyl Benzene

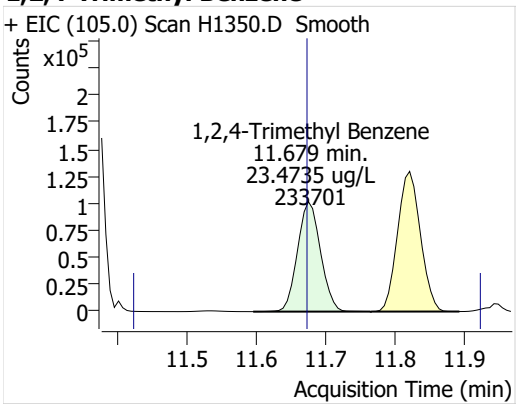


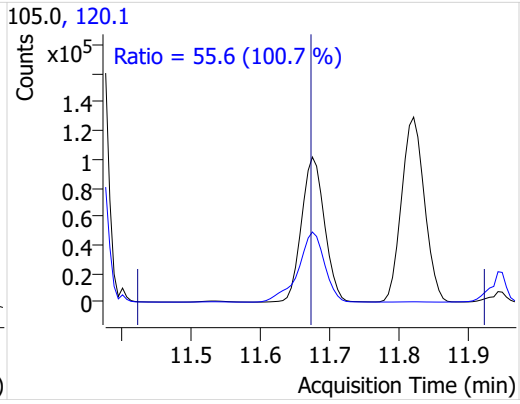


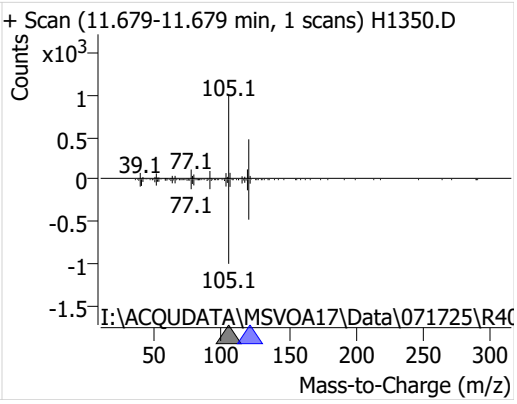


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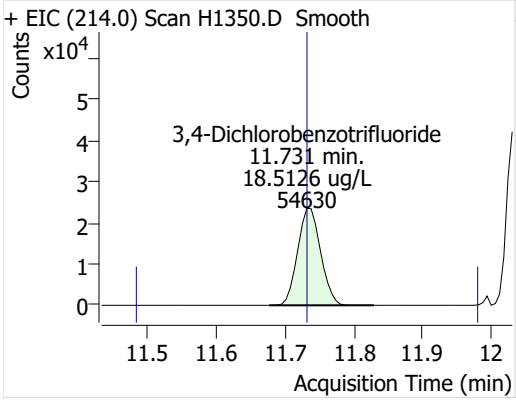
1,2,4-Trimethyl Benzene

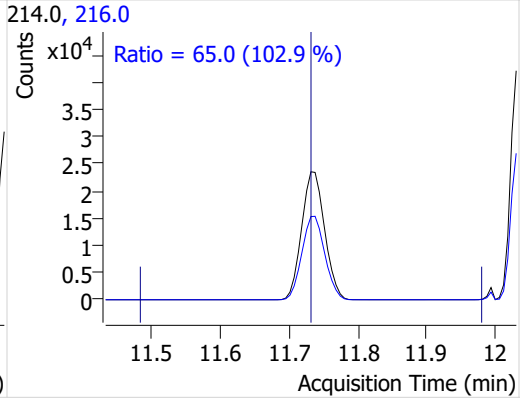


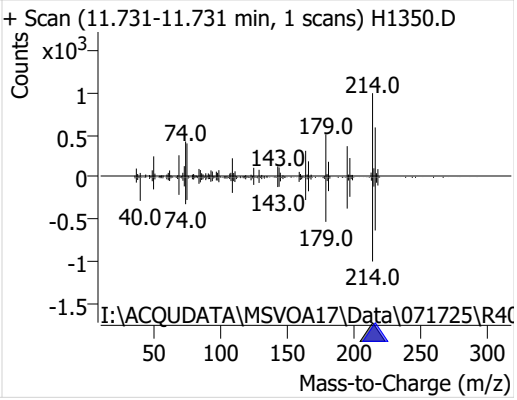




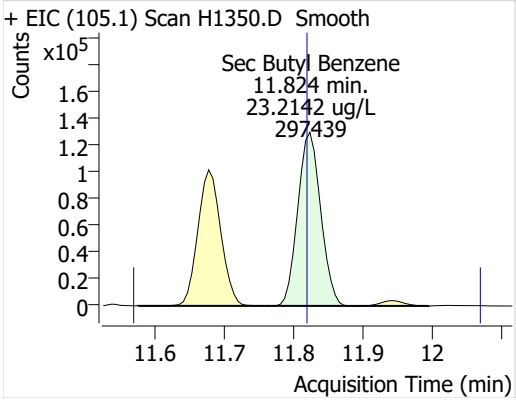
3,4-Dichlorobenzotrifluoride

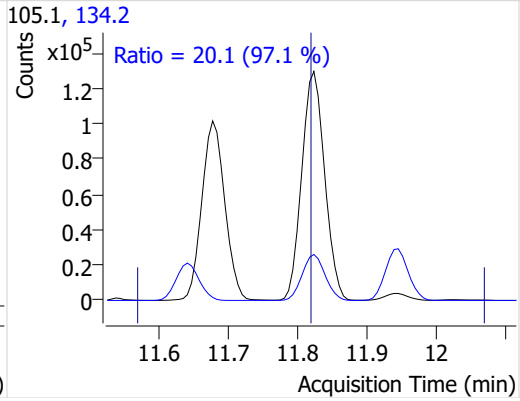


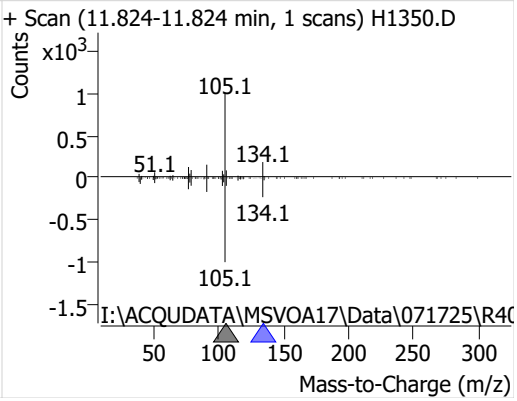




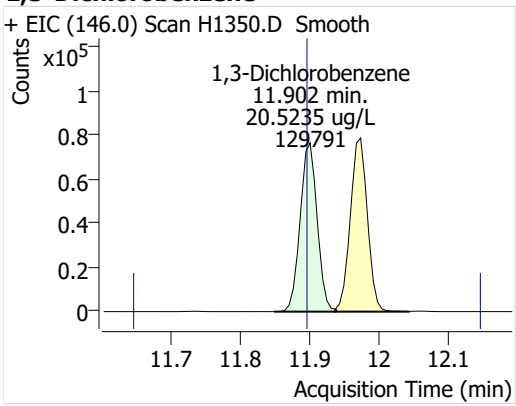
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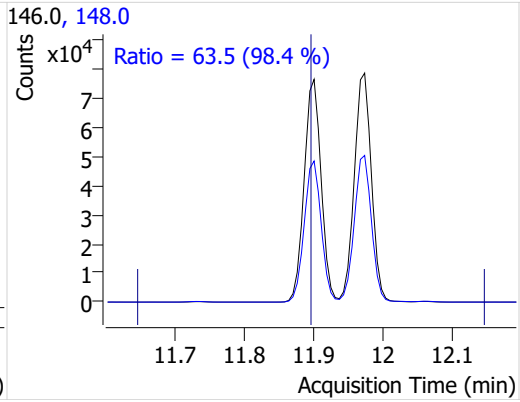


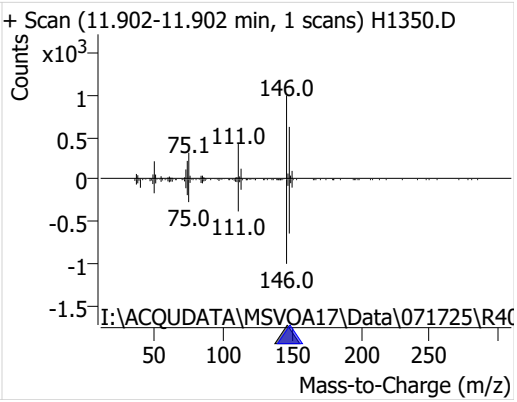




1,3-Dichlorobenzene

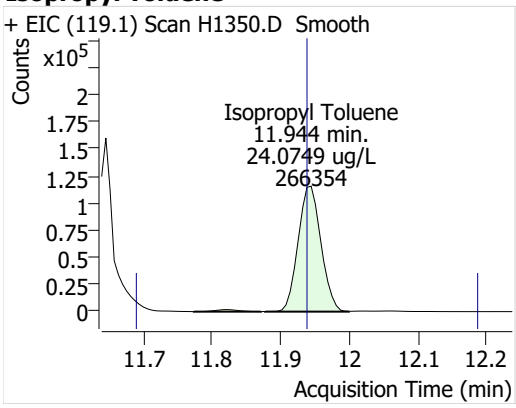


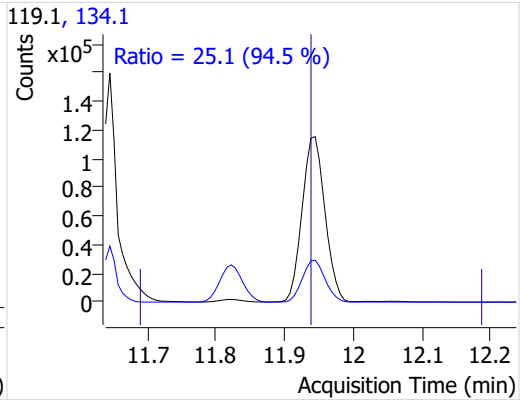


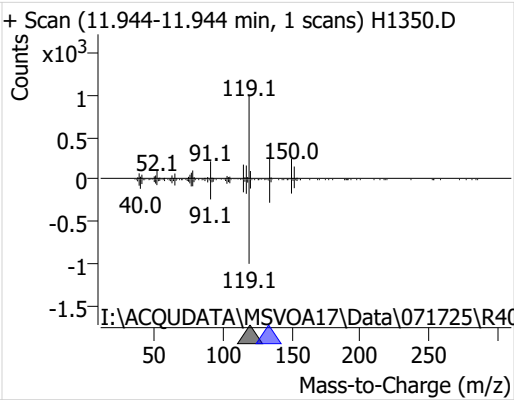


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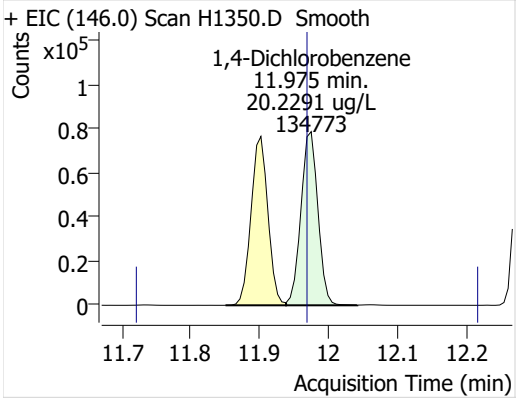
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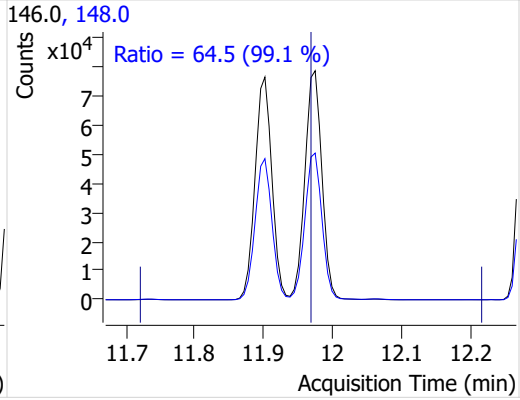


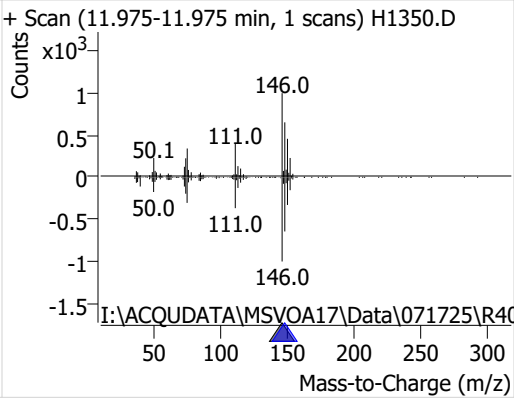




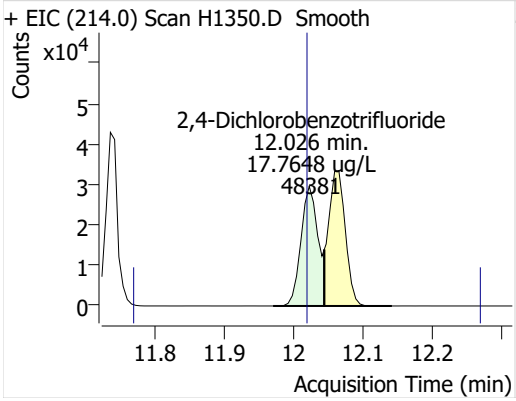
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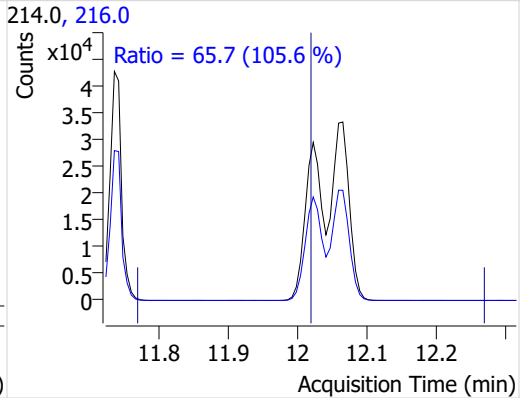


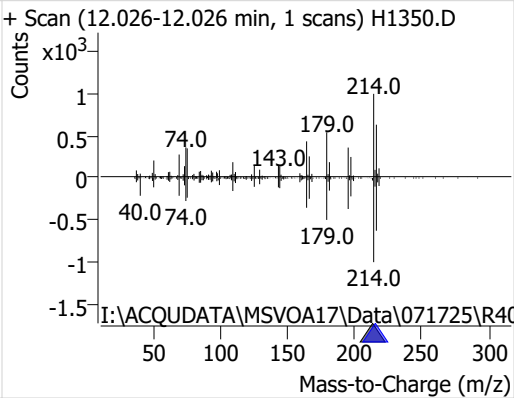




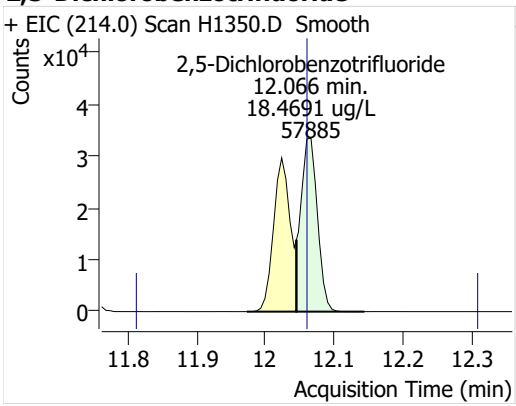
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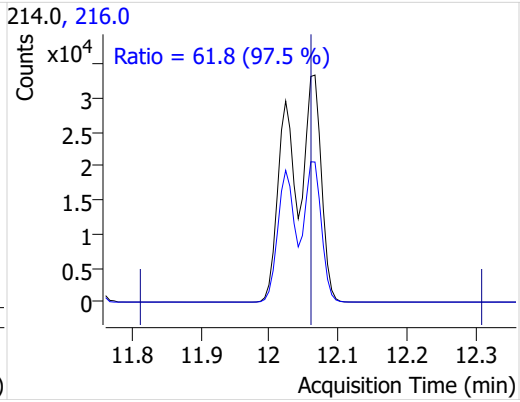


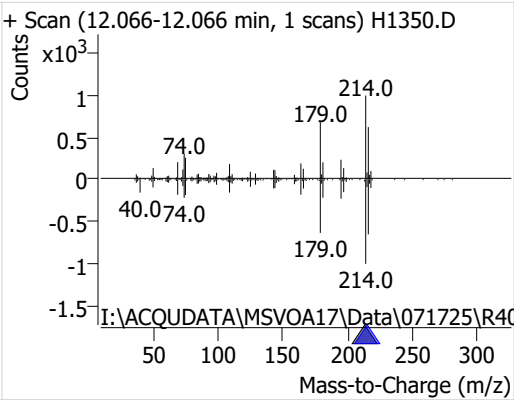




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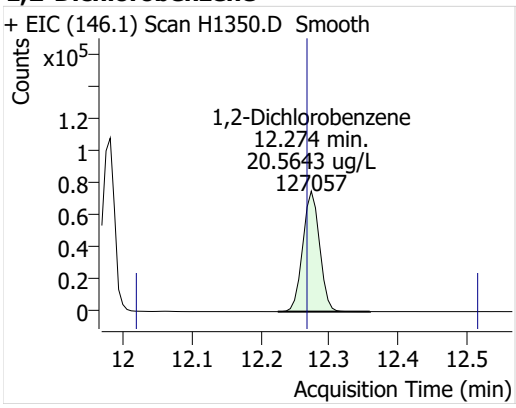


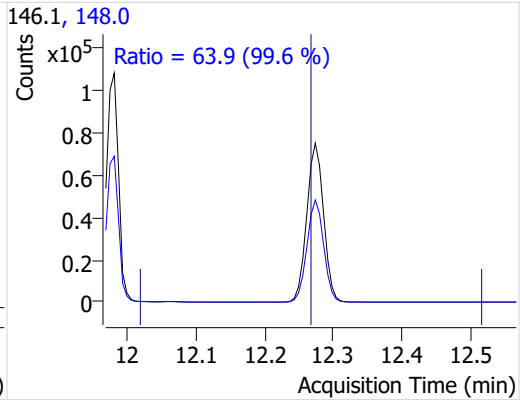


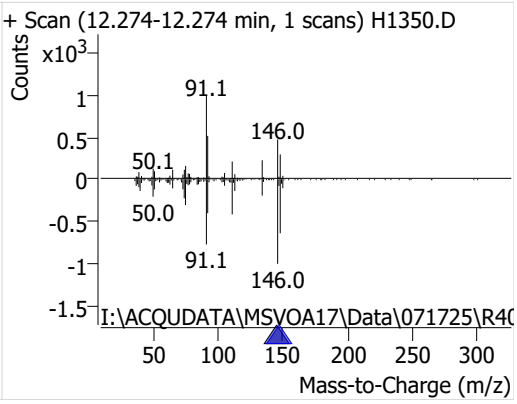


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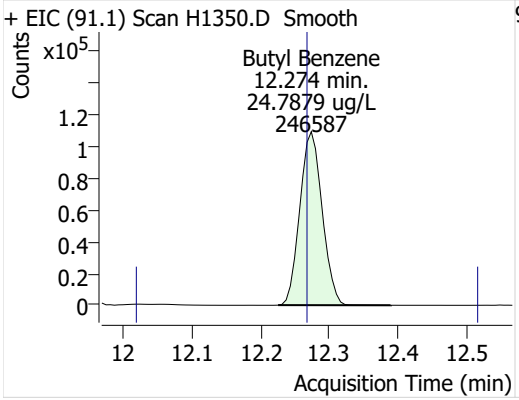
1,2-Dichlorobenzene

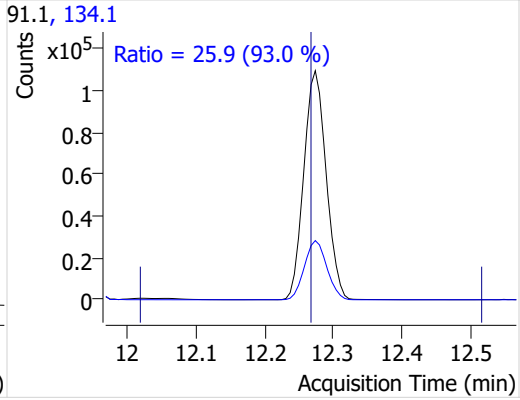


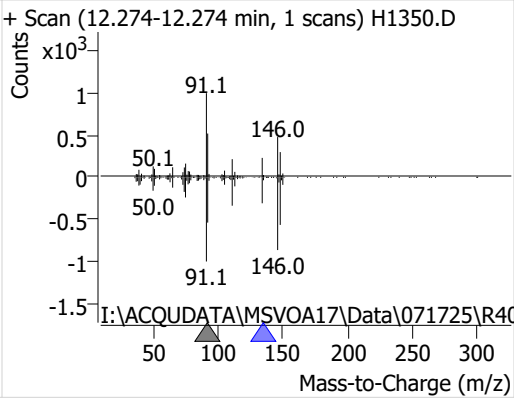




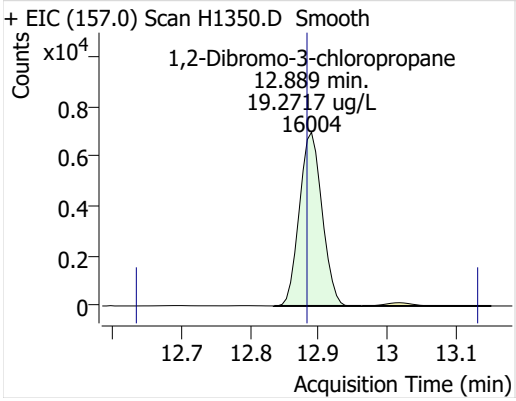
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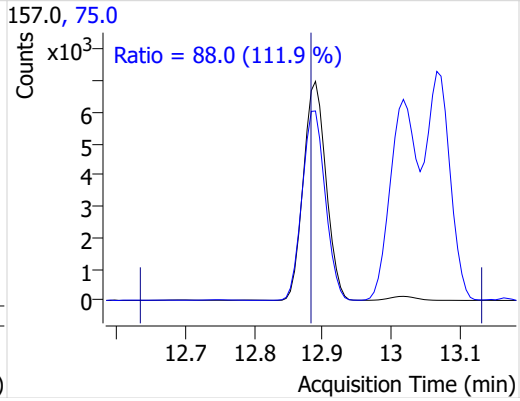


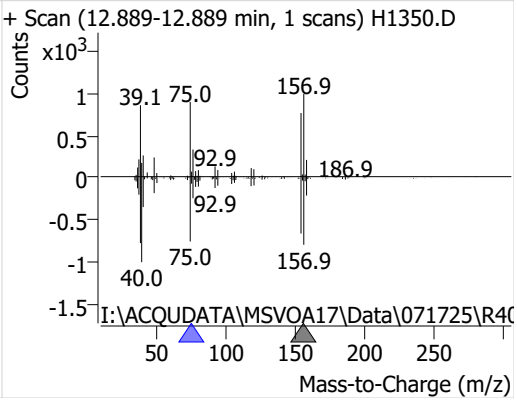




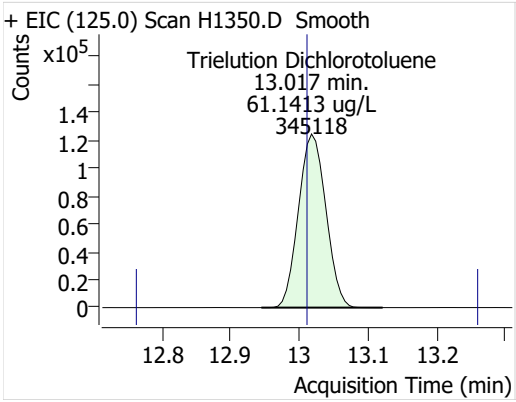
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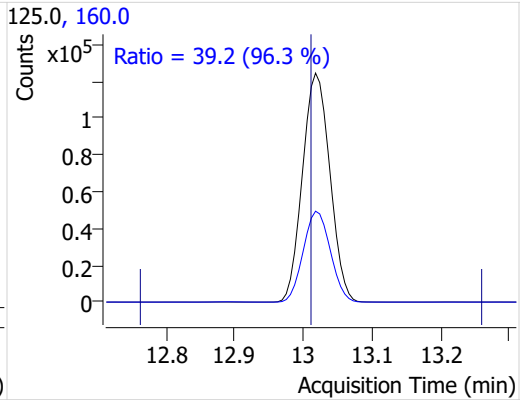


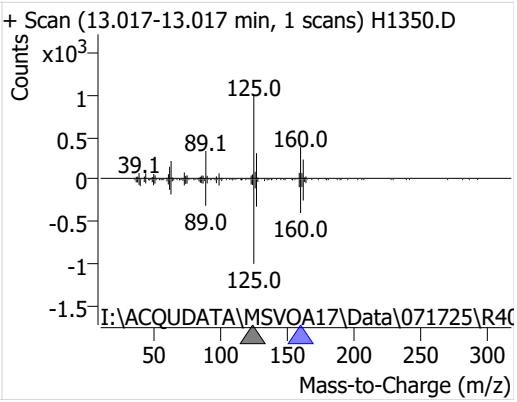




Trielution Dichlorotoluene

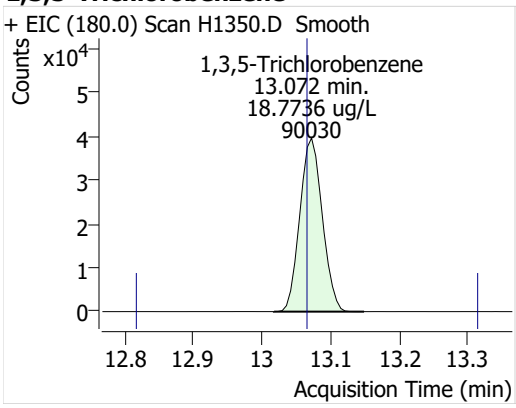


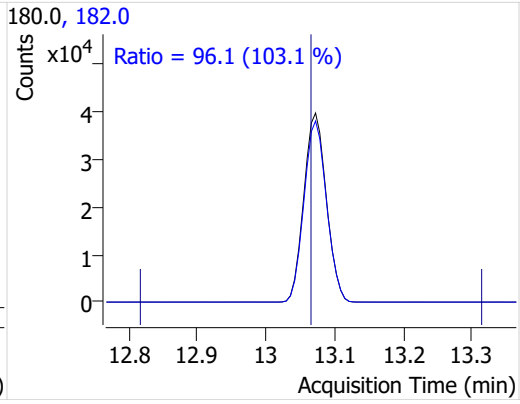


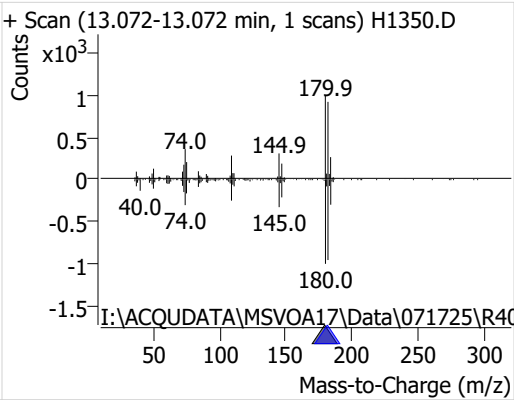


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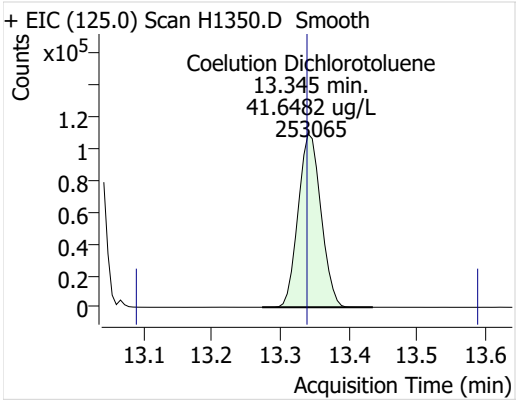
1,3,5-Trichlorobenzene

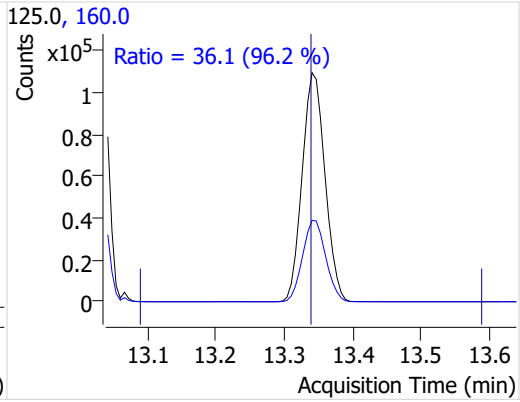


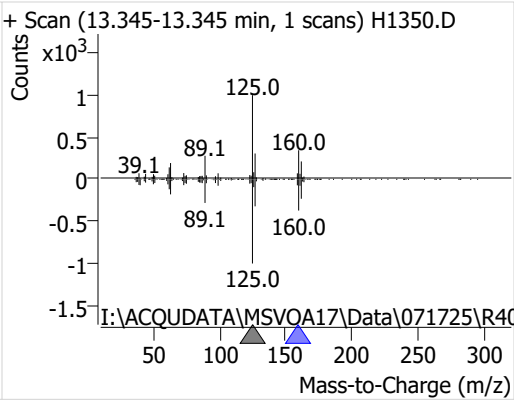




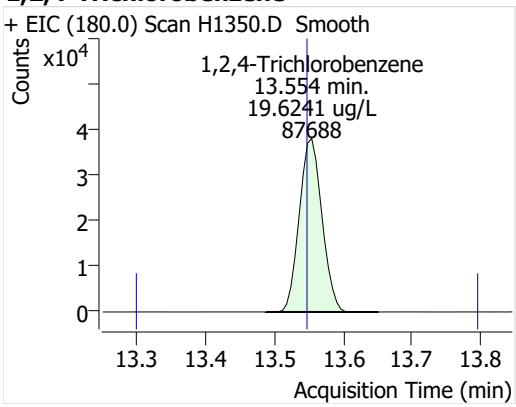
Coelution Dichlorotoluene

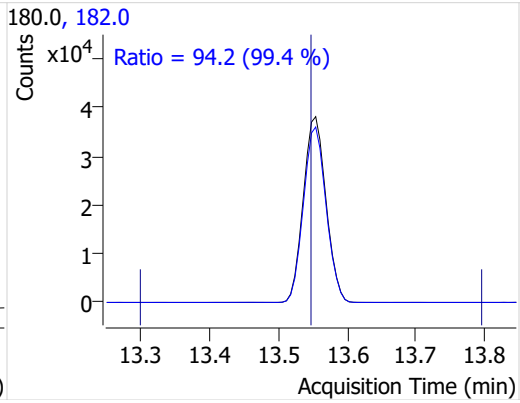


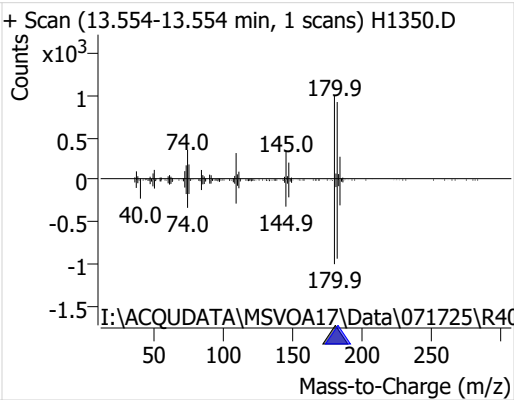




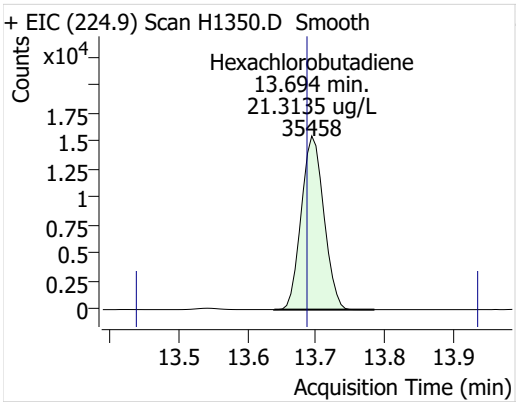
1,2,4-Trichlorobenzene

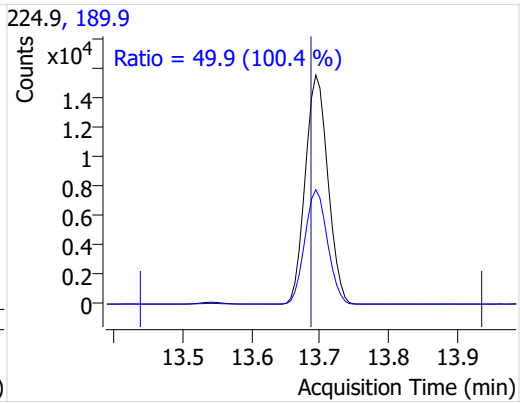


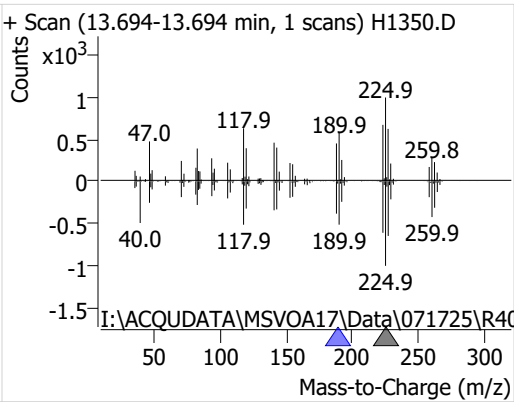




Hexachlorobutadiene

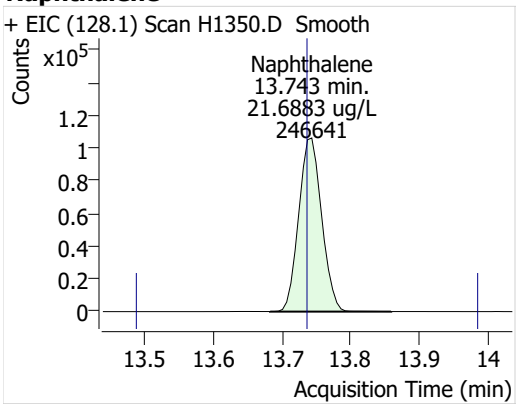


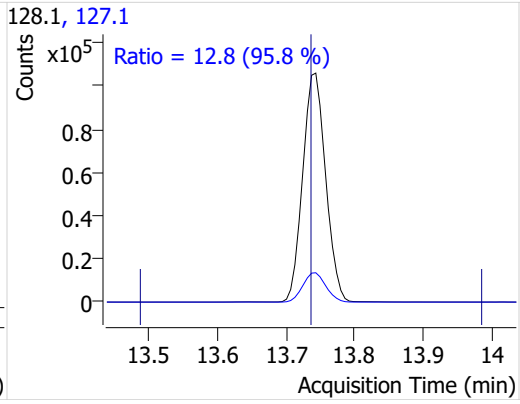


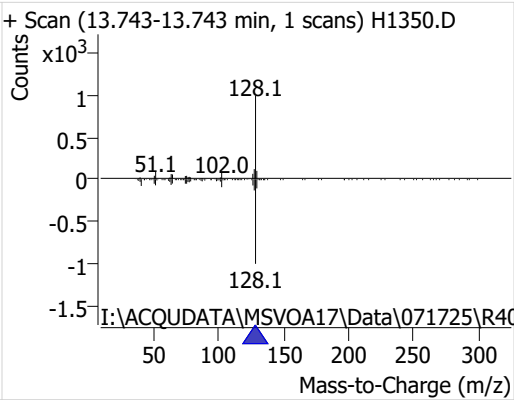


Masshunter Quantitative Analysis Sample Report

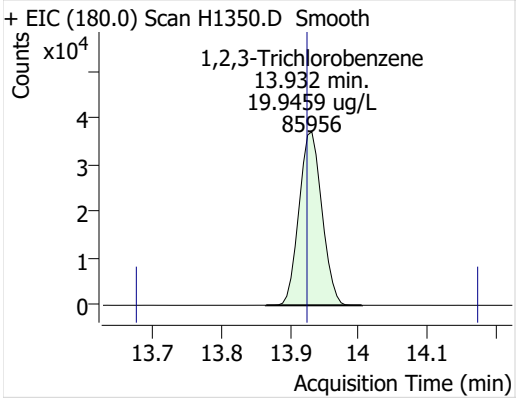
Naphthalene

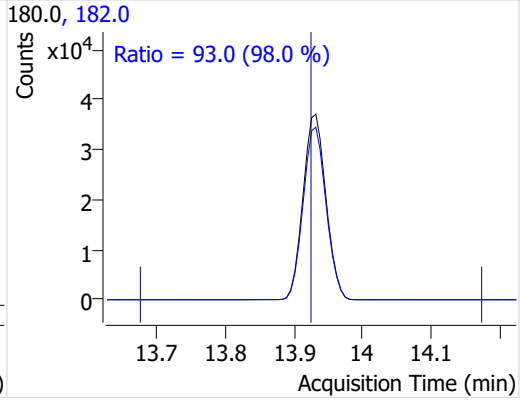


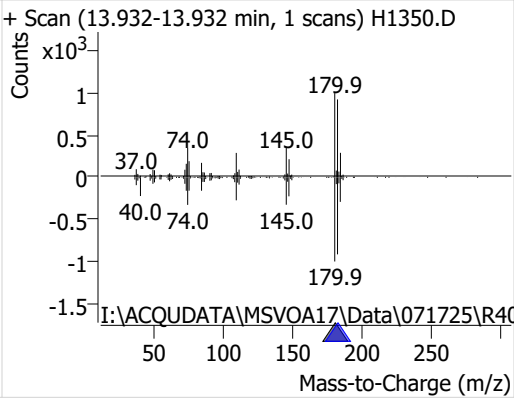




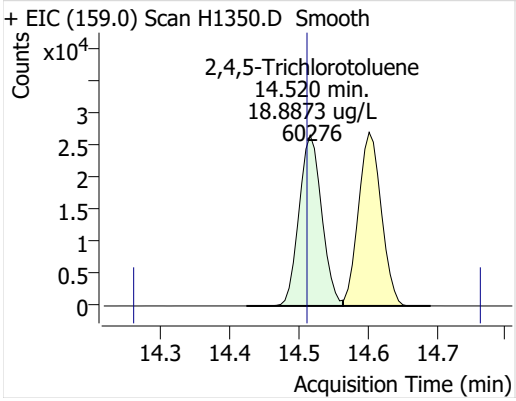
1,2,3-Trichlorobenzene

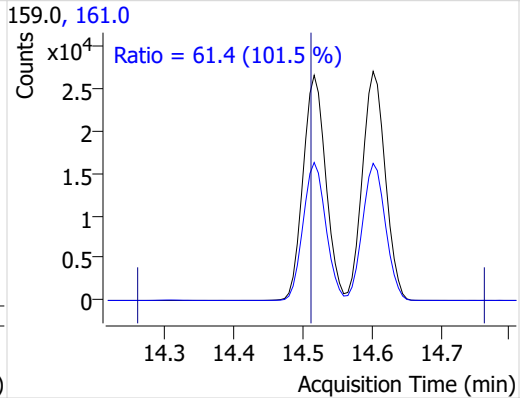


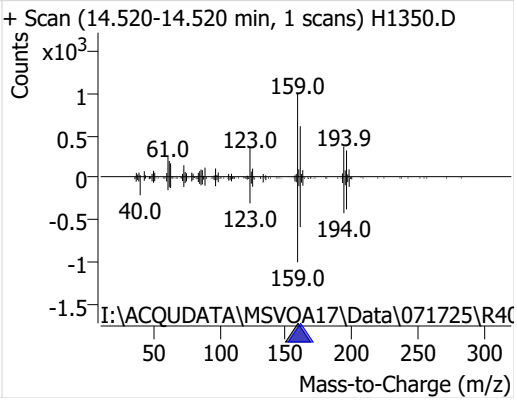




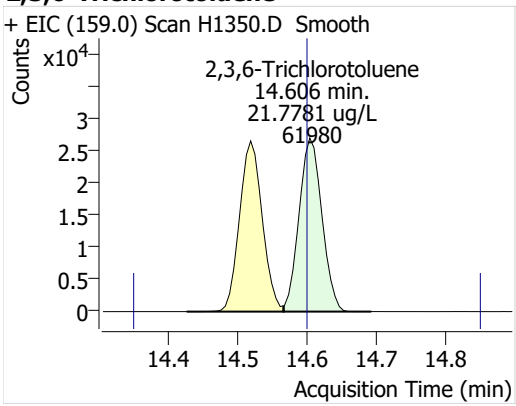
2,4,5-Trichlorotoluene

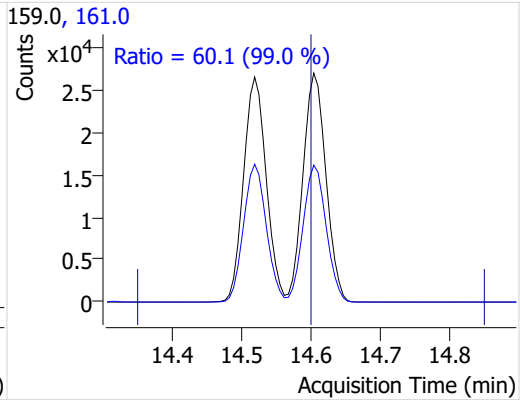


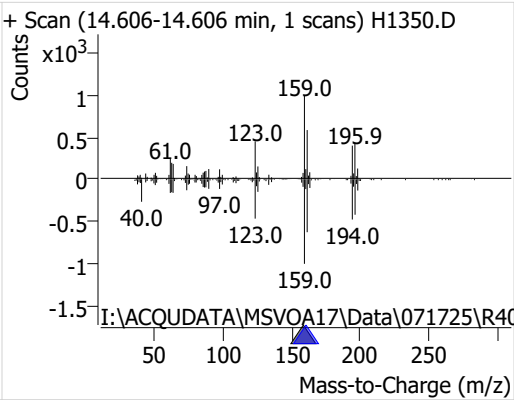




2,3,6-Trichlorotoluene





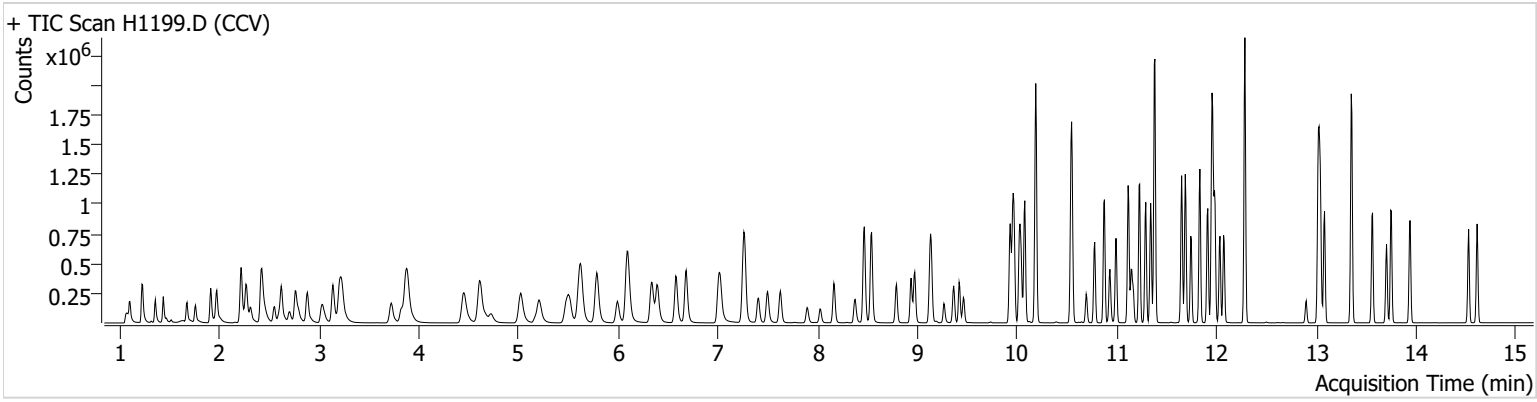


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1199.D

Acq. Date-Time	9/20/2025 10:06:37 AM	**Name**	CCV
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	248913	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	416924	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	369002	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.003	223511	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	129241	48.0834	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	520141	50.0674	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	181614	50.4985	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167995	54.1508	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	156051	51.1443	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	168345	55.5498	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.001	155032	55.8371	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	164478	50.5953	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	94684	38.2198	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	110682	46.4678	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	248619	50.7152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	212797	47.9385	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	121049	45.7560	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.001	114320	50.1831	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	190550	47.9020	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.003	78339	488.4461	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	208008	51.6349	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	134080	48.3905	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	52701	47.3393	ug/L
Iodomethane	142.000	0.453	0.000	2.545	0.002	157902	47.0707	ug/L
2-Propanol	45.000	0.463	0.001	2.603	0.004	152371	934.2338	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.003	348976	51.7133	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	303736 LT	335.2059	ug/L
Methyl Acetate	43.000	0.495	0.000	2.785	0.001	113154	51.2407	ug/L

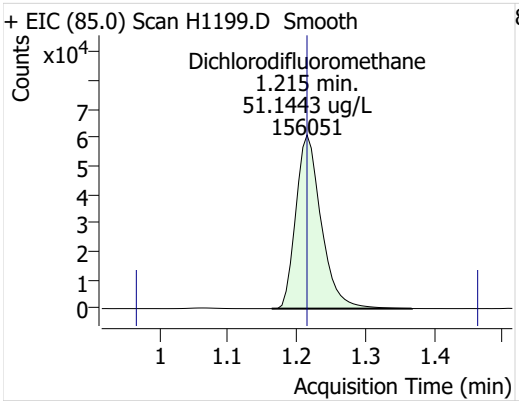
Masshunter Quantitative Analysis Sample Report

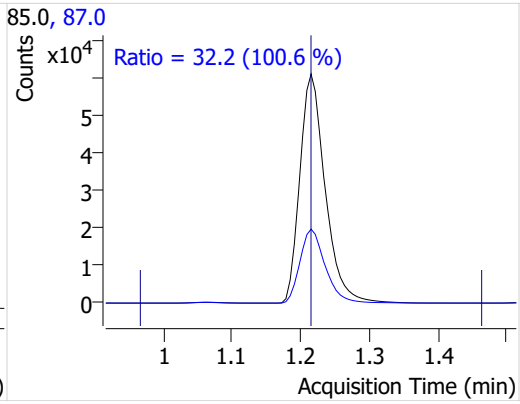
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	126301	46.6962	ug/L
TBA	59.000	0.538	0.000	3.026	0.000	225985	897.6870	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	308381	269.3168	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	187109	52.4805	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	361384	48.5097	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	231971	50.7832	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	210308	54.5598	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	109772	51.1705	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	439921	56.3844	ug/L
ETBE	59.000	0.791	0.001	4.446	0.004	376717	51.5962	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.002	138299	48.5408	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	160762	47.1090	ug/L
2-Butanone	43.000	0.830	0.001	4.669	0.004	69221	49.4112	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.003	115311	262.0416	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	89016	44.4717	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.019	0.002	60185	52.5065	ug/L
Tetrahydrofuran	42.000	0.919	0.001	5.166	0.004	45773	53.8636	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	227055	48.3271	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	189858	49.2525	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	196693	50.8429	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.002	167730	47.0494	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	160286	48.3303	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	484396	48.5453	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	196561	50.9369	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	101963	1045.5171	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	329934	48.6953	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.002	199758	57.4056	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	139175	45.3791	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	174679	2543.7289	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	197469	54.5858	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	138027	50.3027	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	83498	42.6349	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	35249	872.8186	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	91996	48.8783	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	173672	47.7328	ug/L
2-Nitropropane	43.000	1.183	0.000	7.889	0.002	91621	102.3986	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.019	0.001	52118	63.6766	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	170907	47.2269	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	142349	53.6731	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	537957	49.2642	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	149919	47.1517	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	163805	49.3784	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	120883	48.0339	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	125023	44.8744	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	207373	48.6081	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	49338	47.3253	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	140282	47.1909	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	210873	52.9469	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	120906	48.8186	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	360142	46.5932	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	166888	41.4576	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	158209	41.4365	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	131291	48.7877	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	603569	50.4950	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	940452	104.4474	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	486255	50.5795	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	395022	48.8965	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	84865	46.6725	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	169818	42.1315	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	562132	51.7714	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	151385	342.0634	ug/L

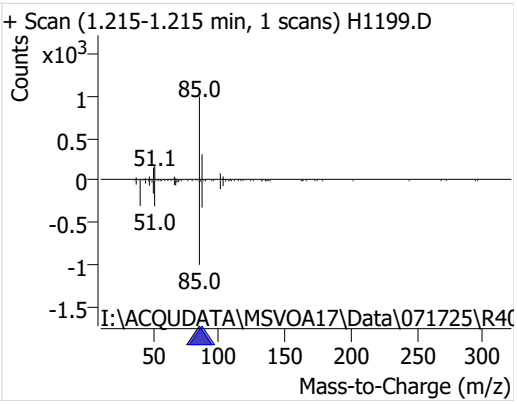
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	167865	47.3038	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	153552	43.4699	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	206591	47.1013	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	46607	54.6611	ug/L
Propyl Benzene	91.100	0.939	0.000	11.219	0.006	740301	52.2156	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.006	418021	49.0183	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.005	395408	46.0429	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	542594	50.1839	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	577214	49.7611	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	512916	48.1236	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.006	544304	51.3877	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	132382	42.1662	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	698926	51.2729	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	300239	44.6245	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	599864	50.9635	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	311906	44.0048	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	118818	41.0082	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	136460	40.9247	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	298085	45.3479	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	559175	52.8346	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	37727	42.7017	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	837668	139.4889	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	219911	43.1029	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.007	615546	95.2196	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	214204	45.0589	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	81892	46.2683	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	593306	49.0388	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	204052	44.5059	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	156818	46.1877	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	151875	50.1597	ug/L

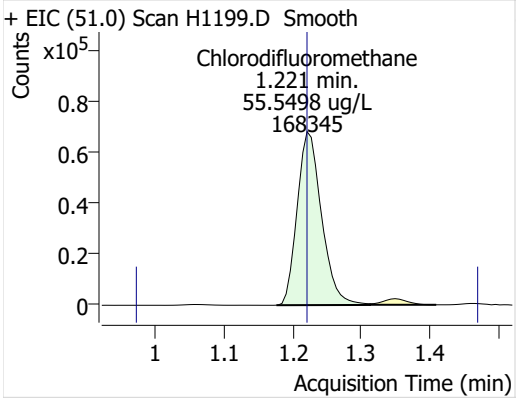
Dichlorodifluoromethane

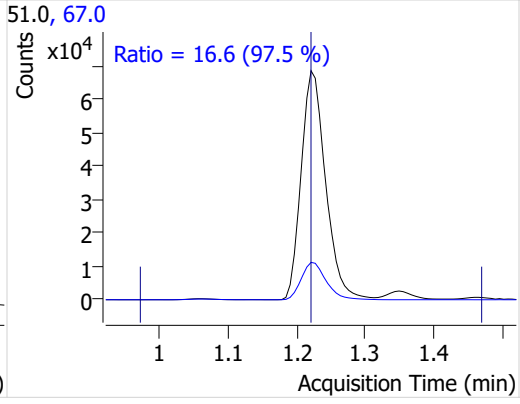


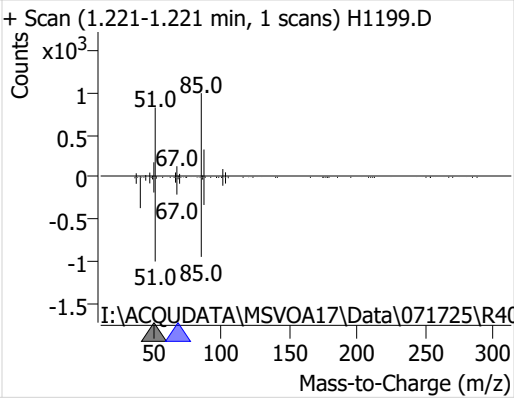




Chlorodifluoromethane

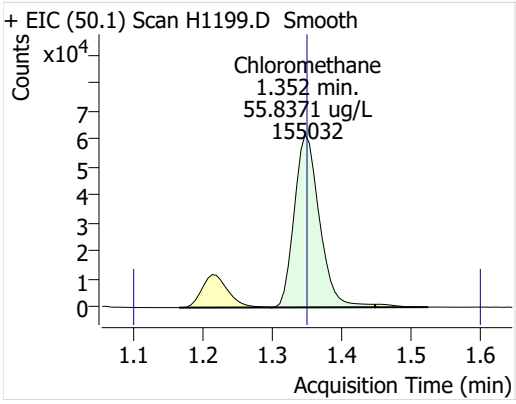


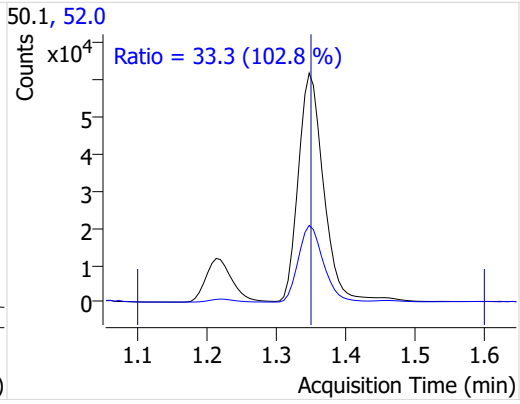


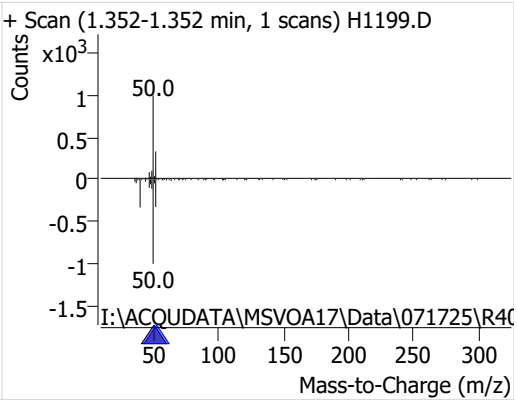


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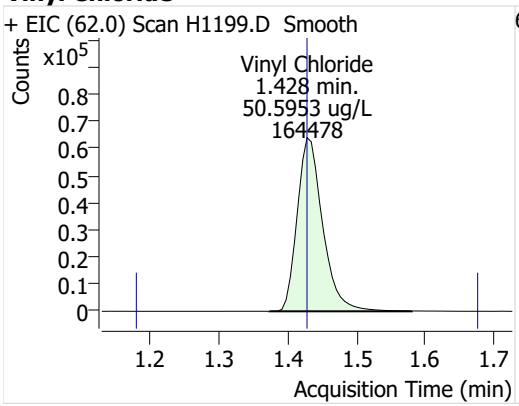
Chloromethane

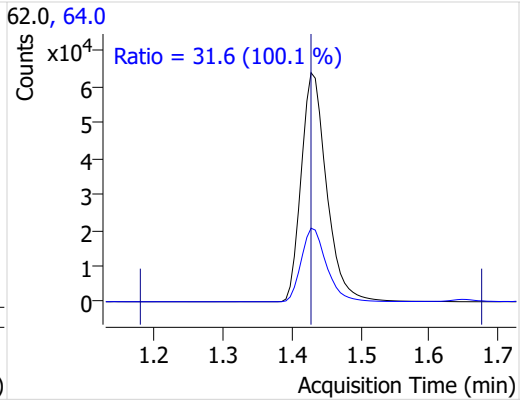


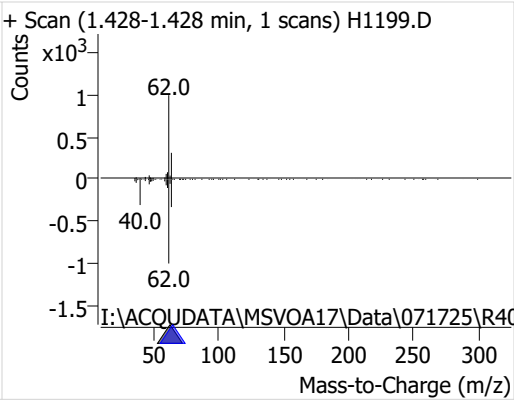




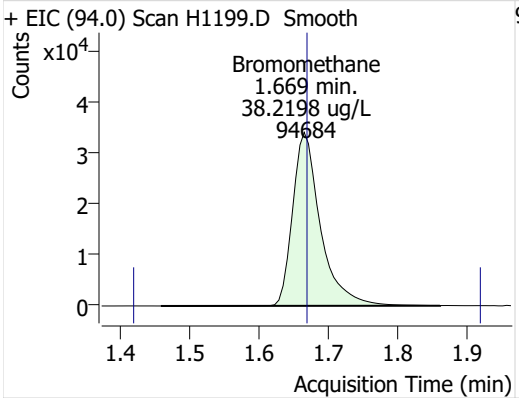
Vinyl Chloride

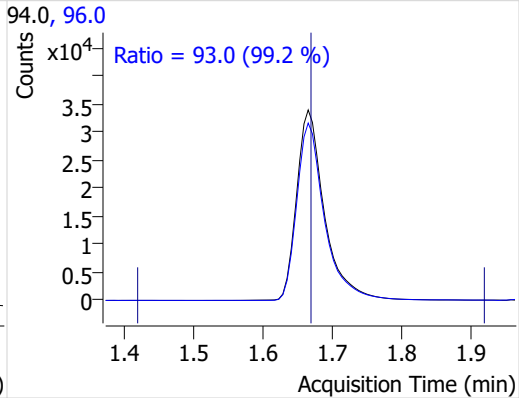


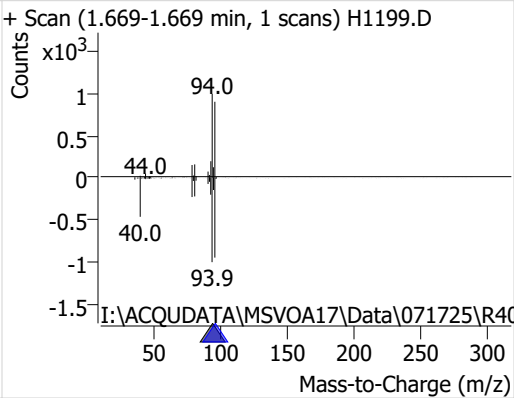




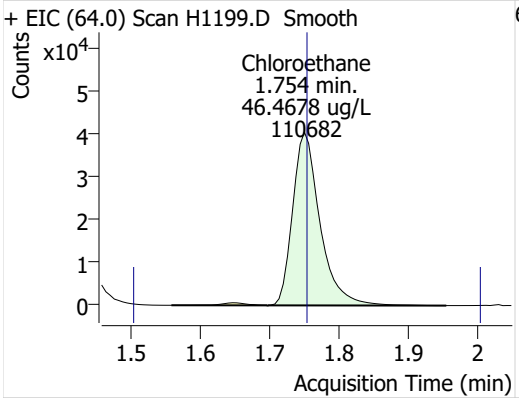
Bromomethane

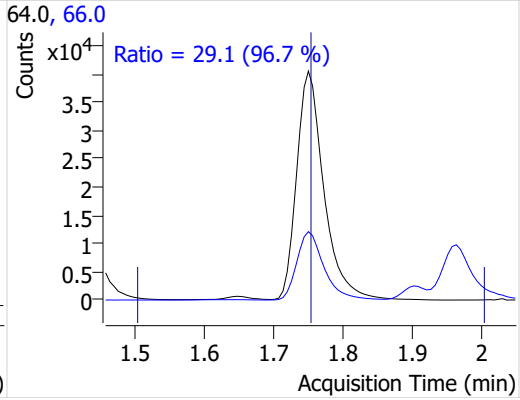


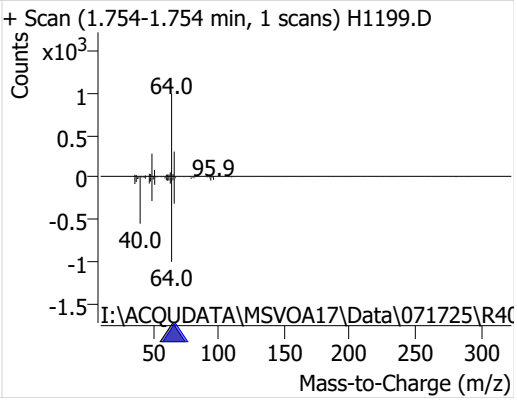




Chloroethane

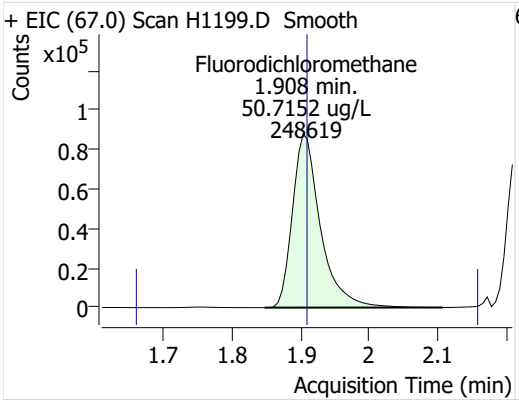


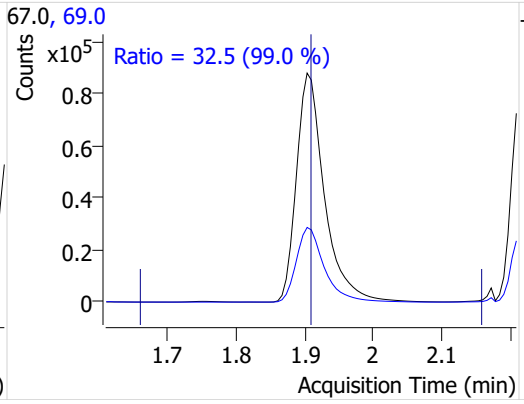


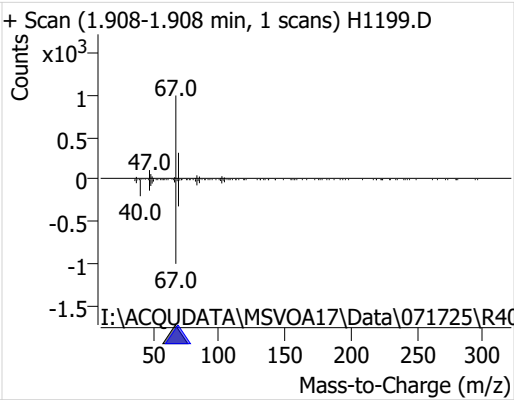


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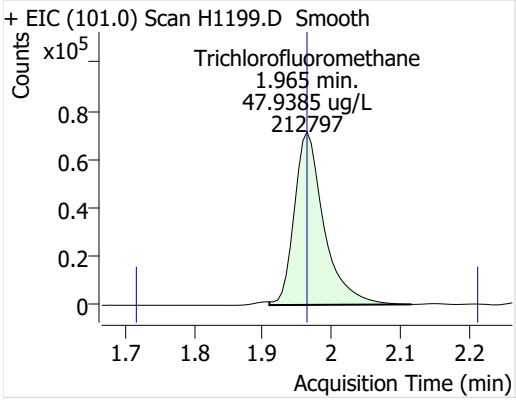
Fluorodichloromethane

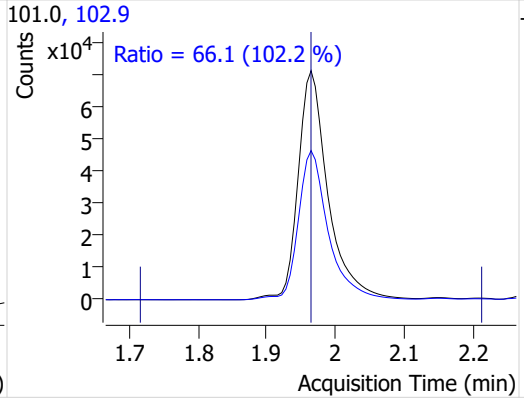


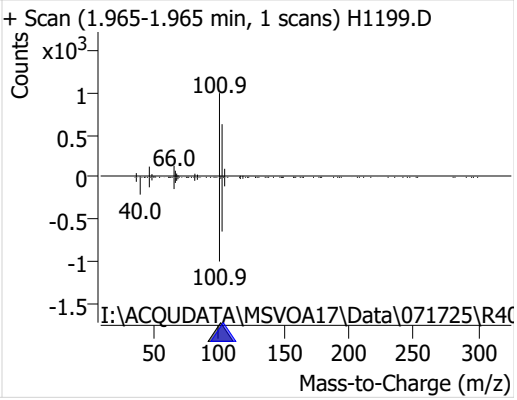




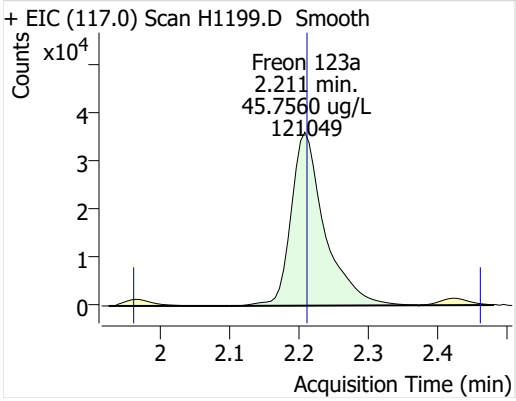
Trichlorofluoromethane

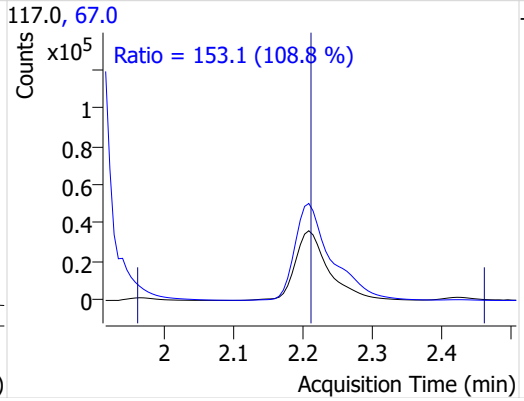


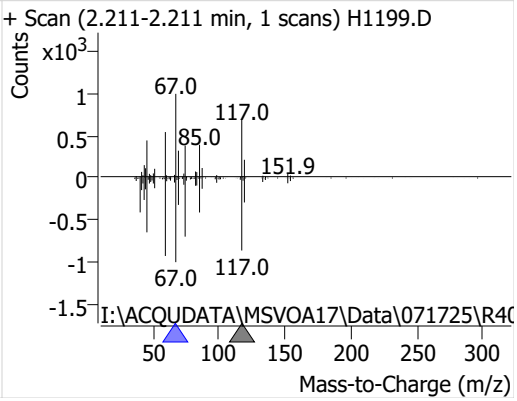




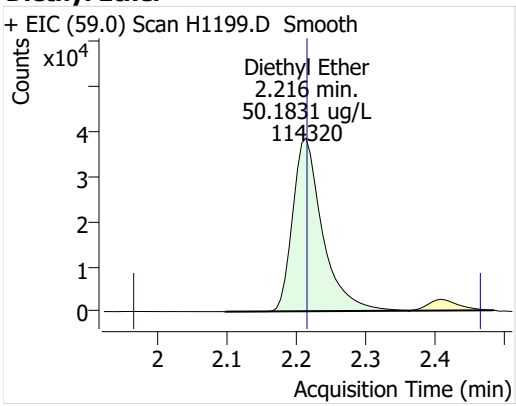
Freon 123a

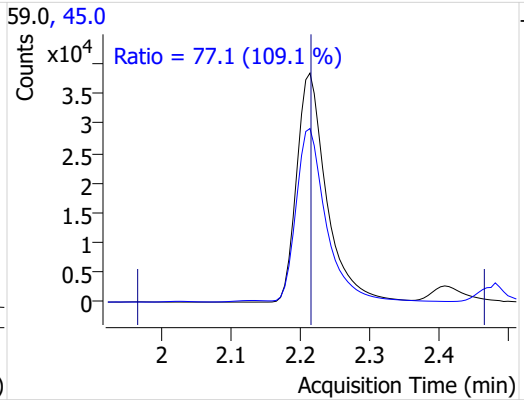


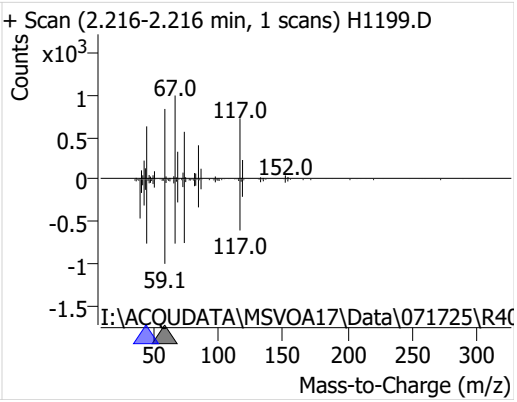




Diethyl Ether

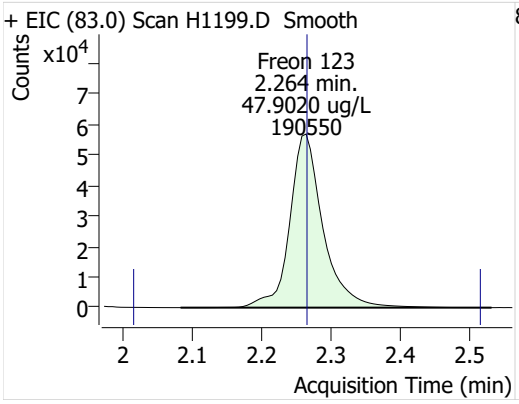


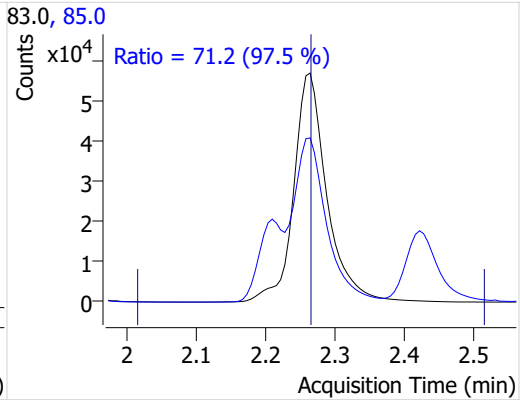


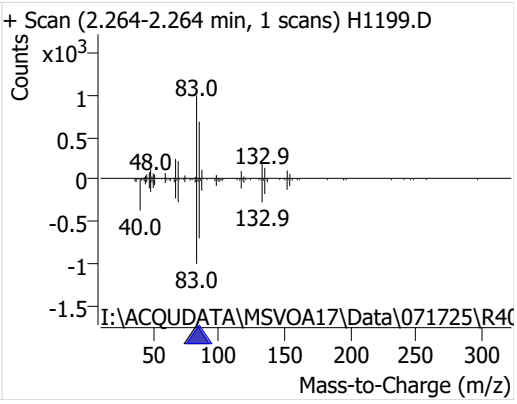


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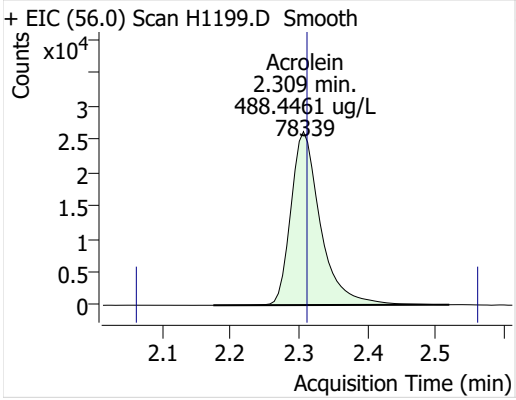
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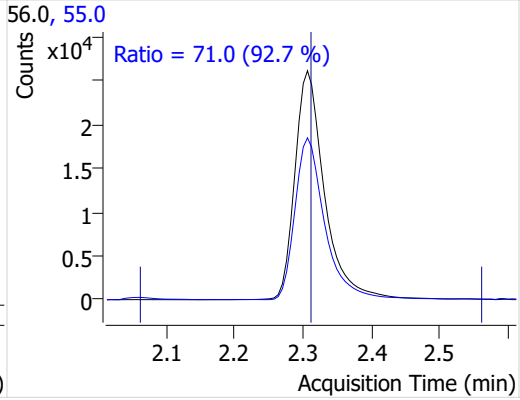


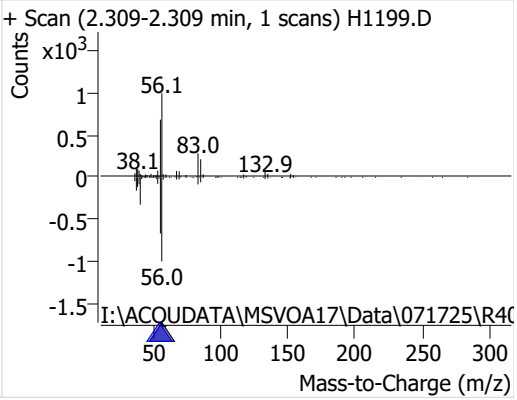




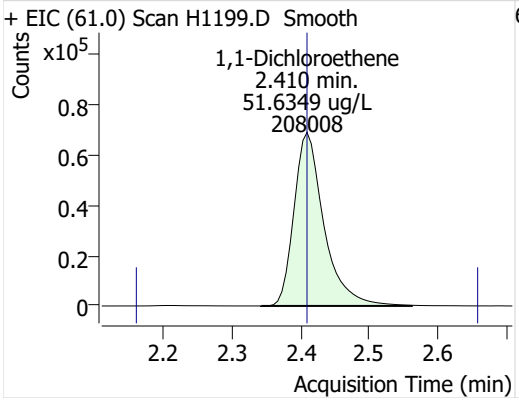
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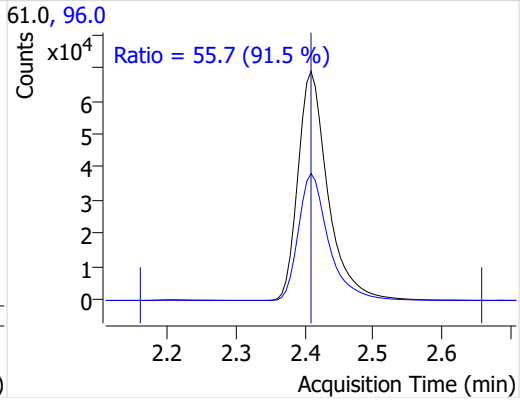


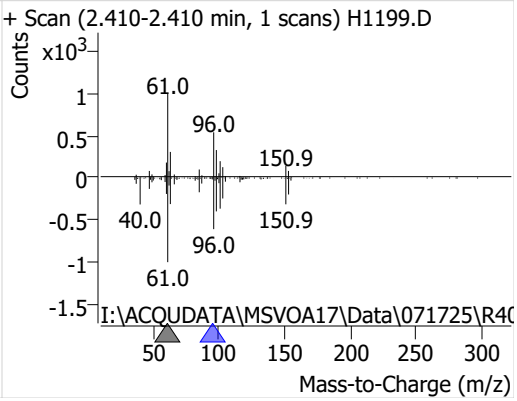




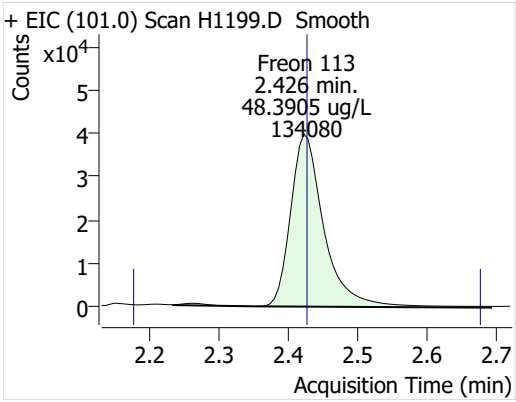
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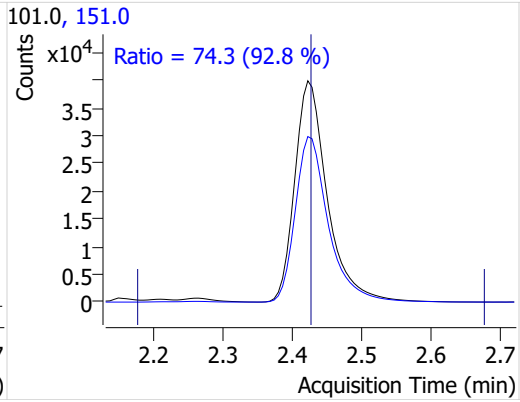


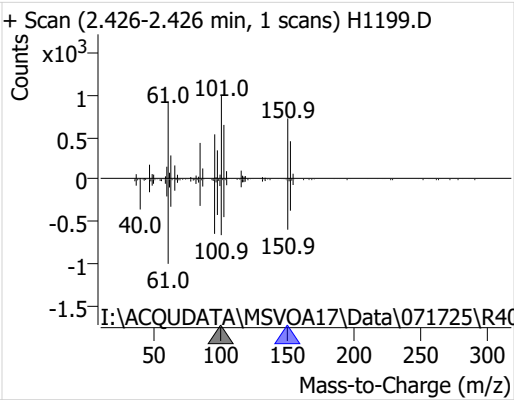




Freon 113

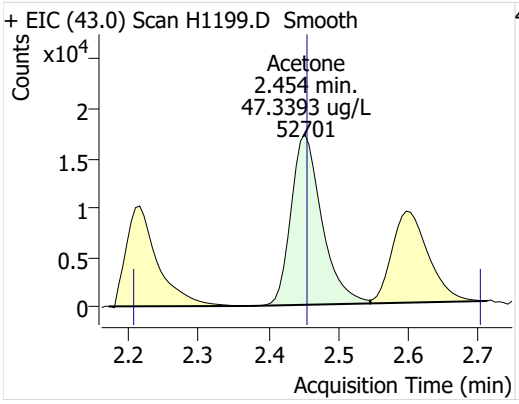


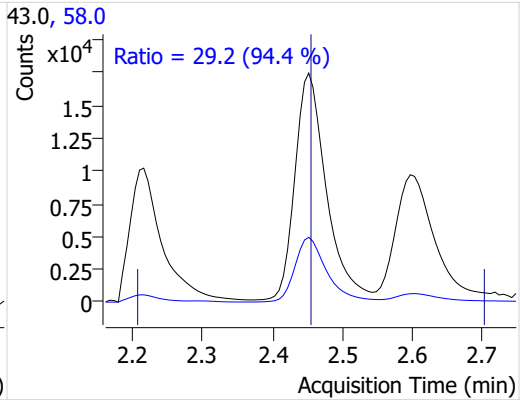


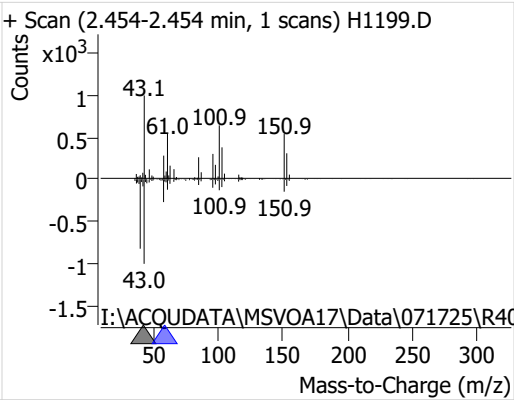


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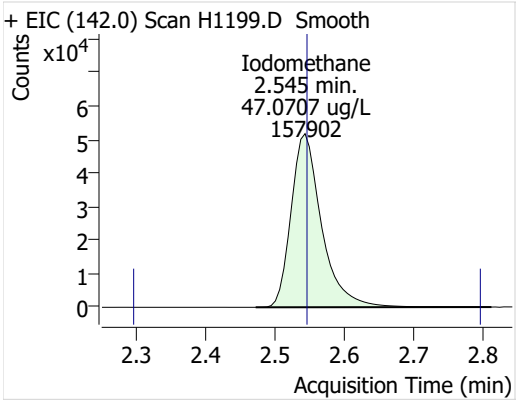
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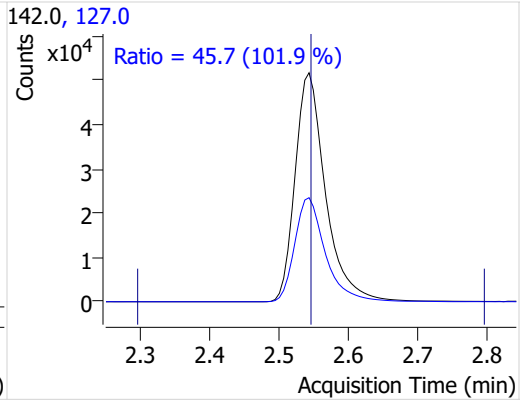


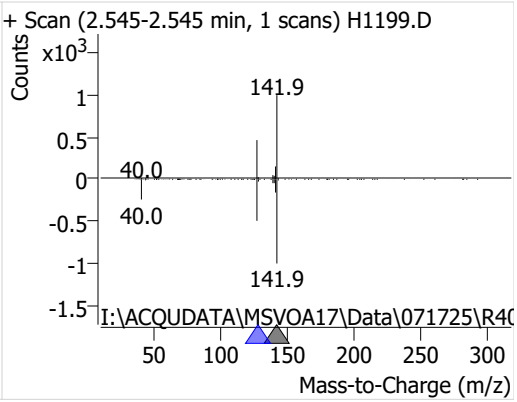




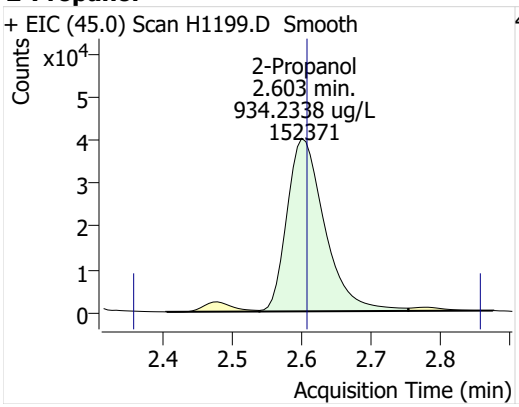
Iodomethane

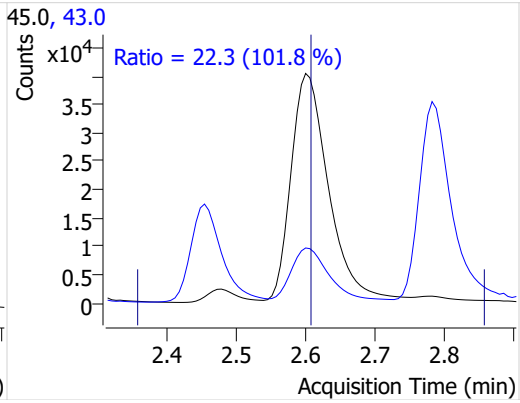


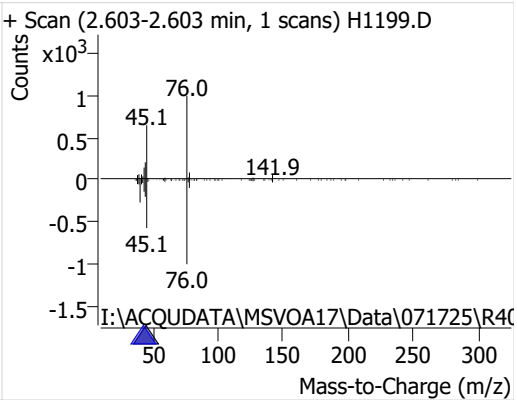




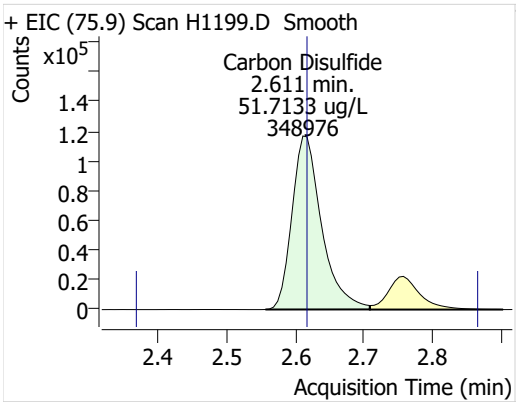
2-Propanol

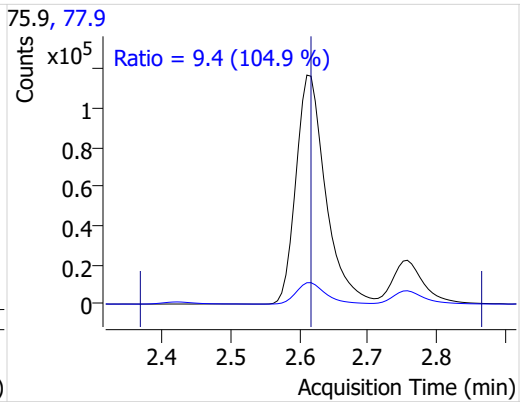


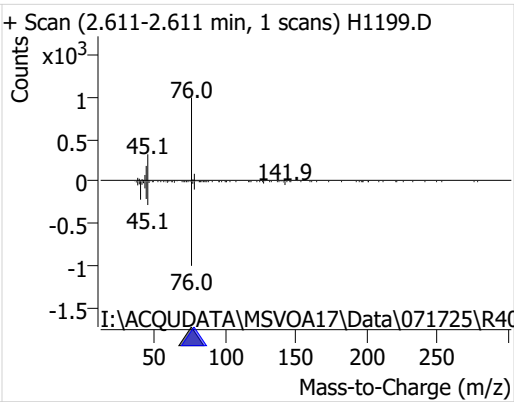




Carbon Disulfide

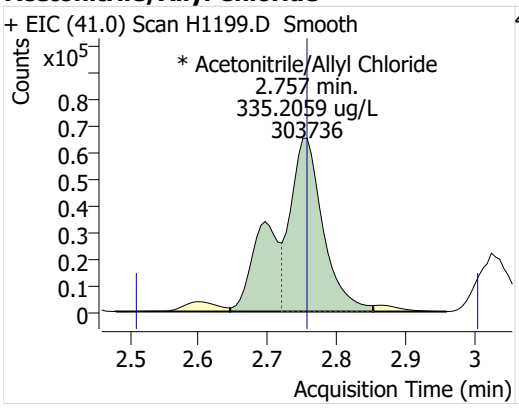


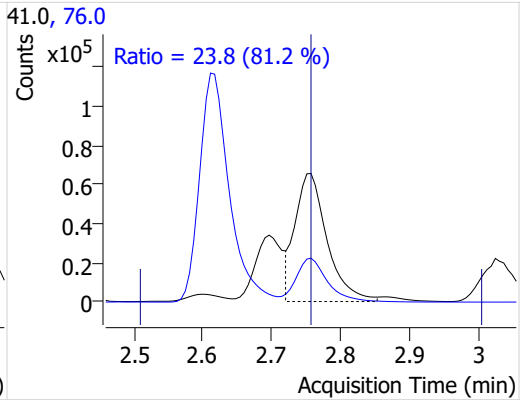


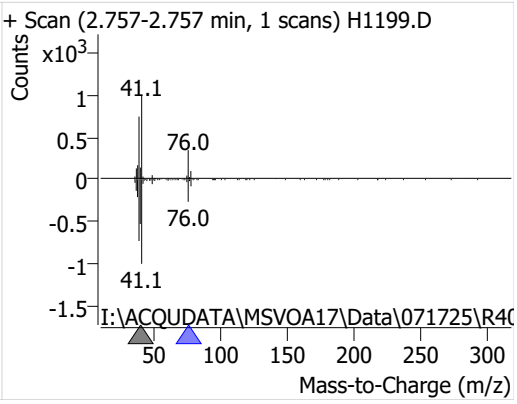


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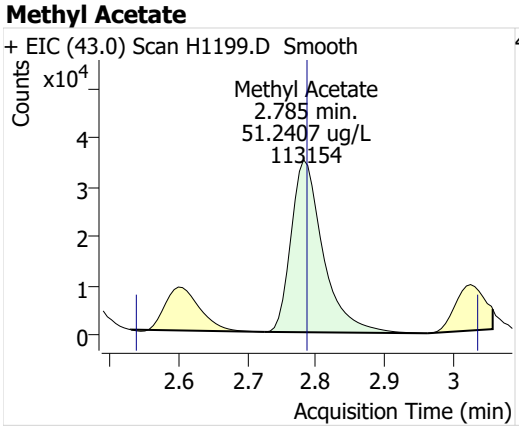
Acetonitrile/Allyl Chloride

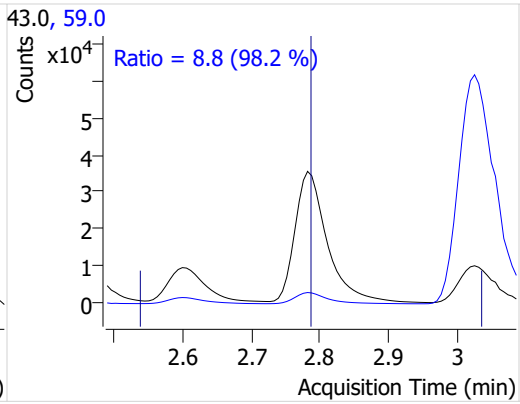


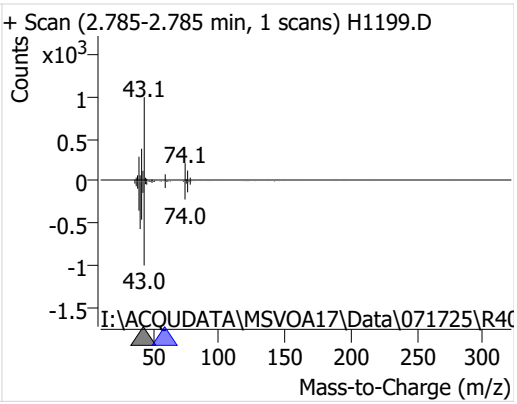




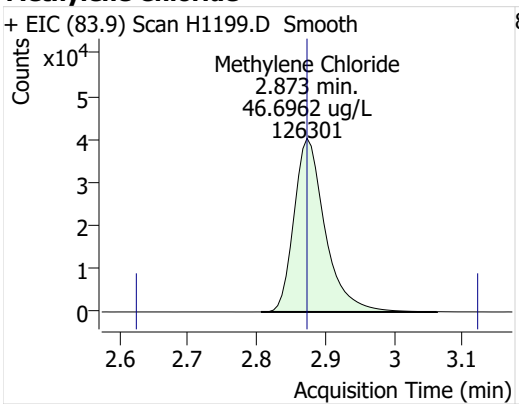
Methyl Acetate

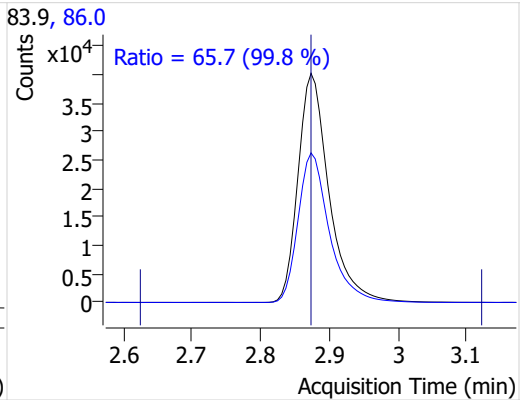


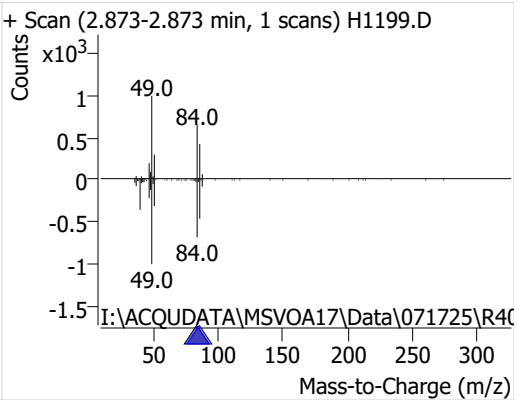




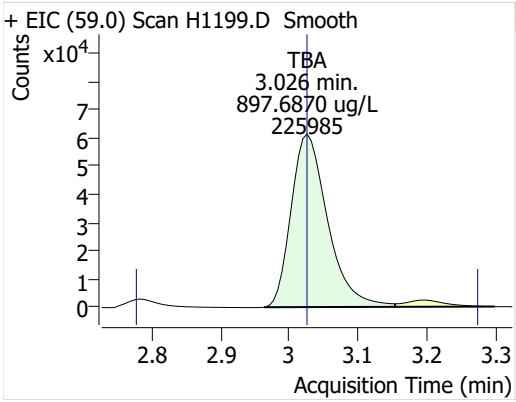
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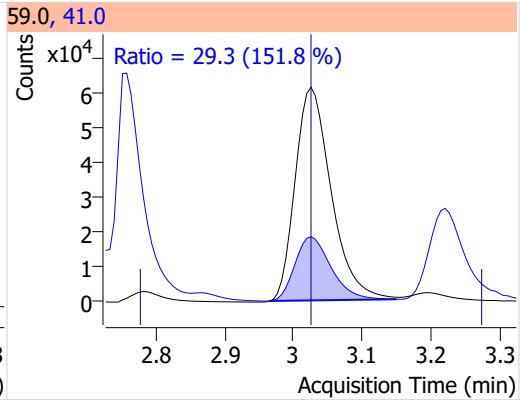


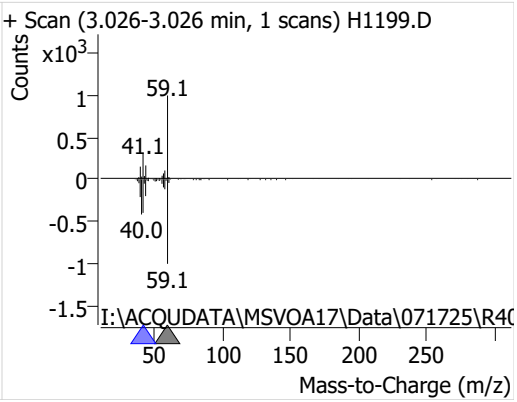




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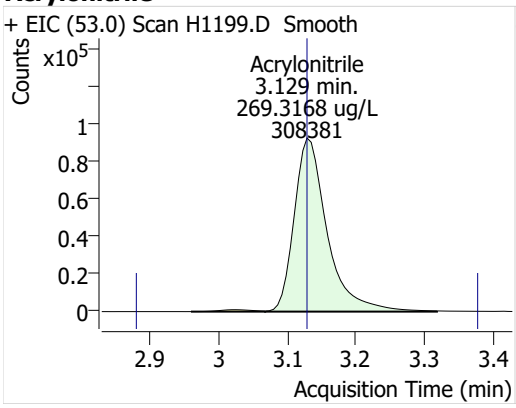


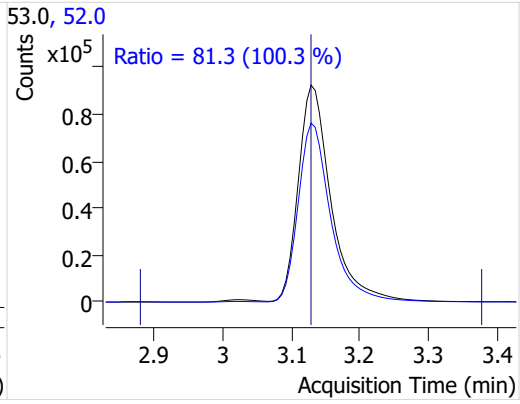


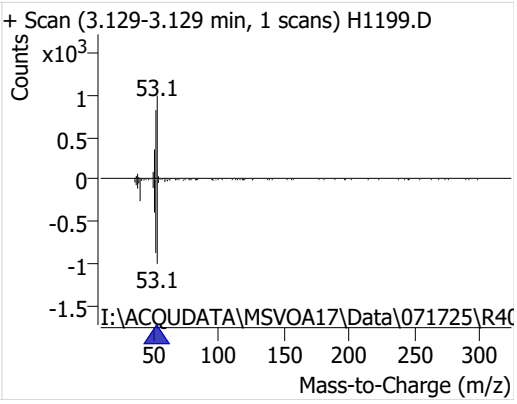


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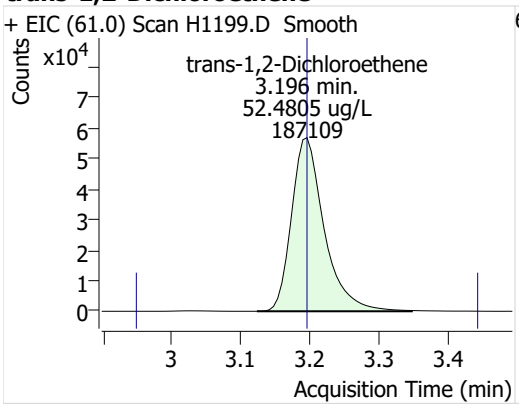
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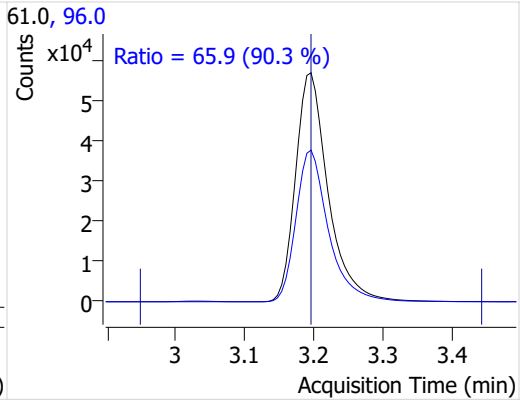


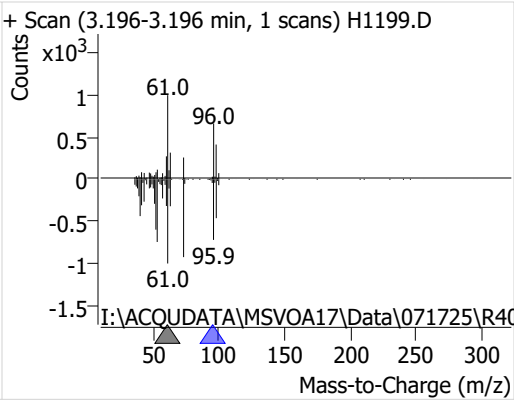




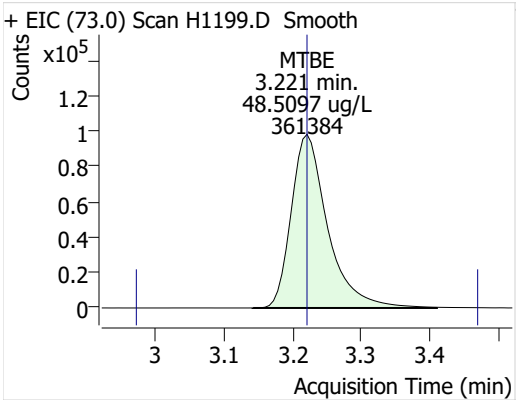
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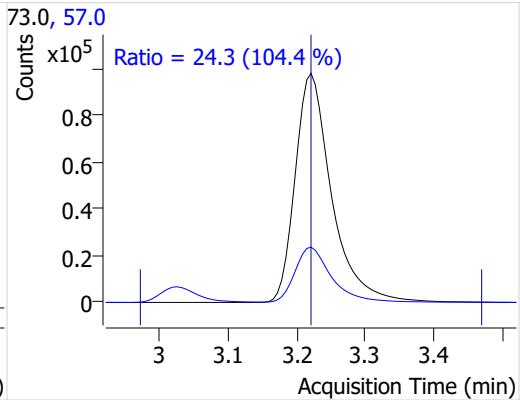


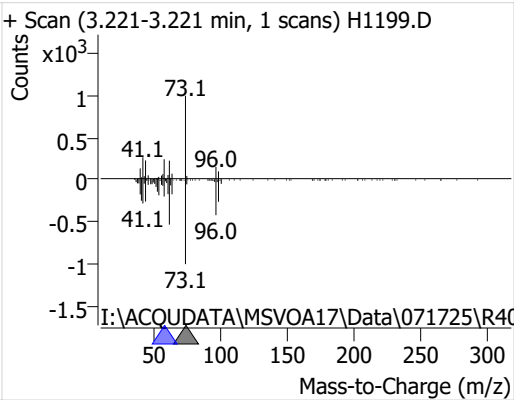




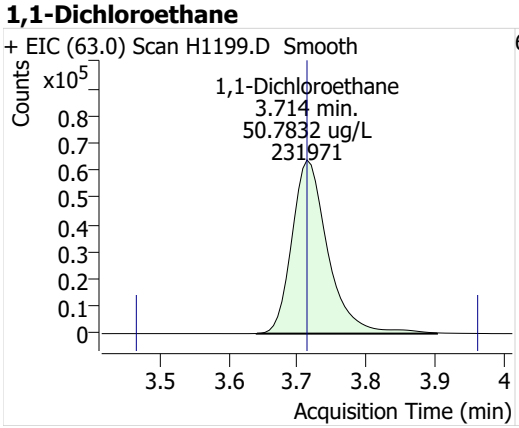
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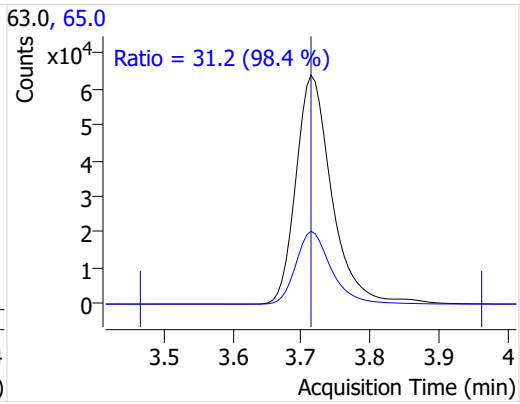


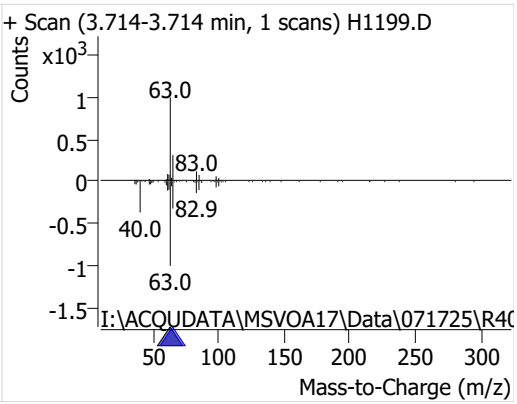




1,1-Dichloroethane

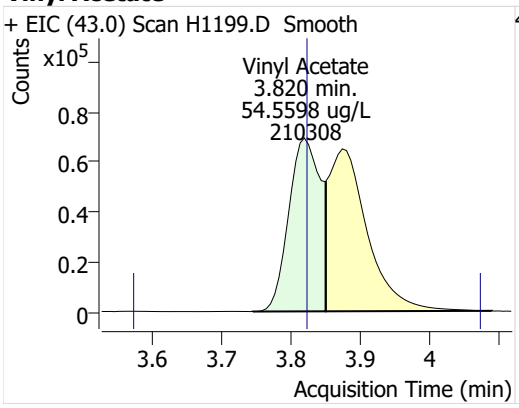


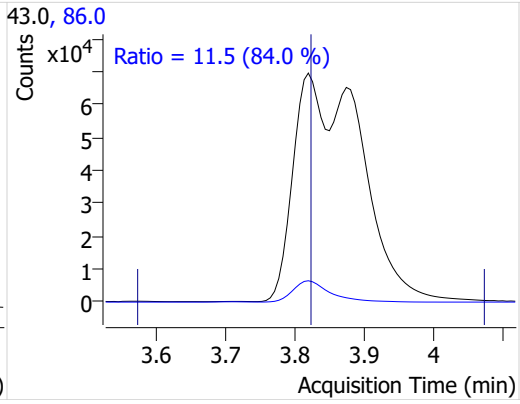


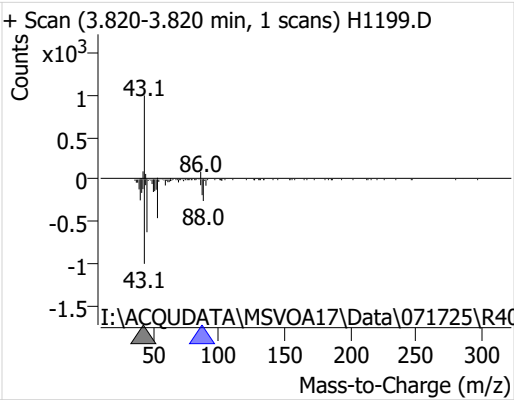


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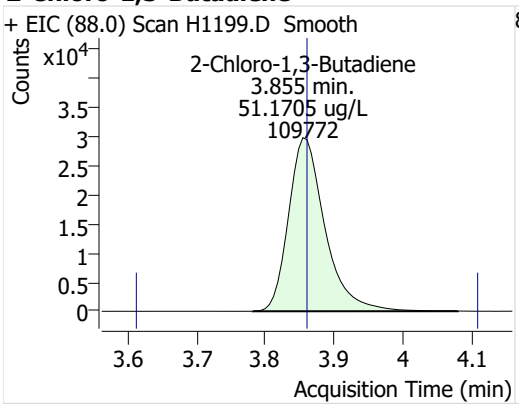
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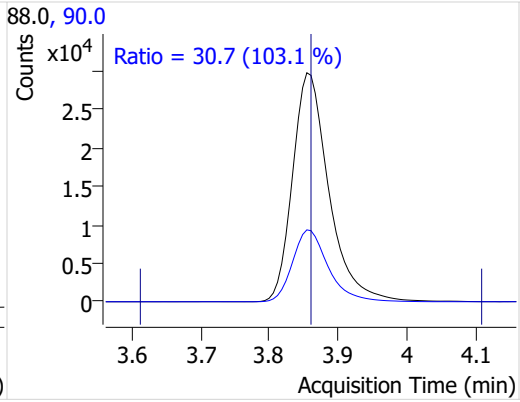


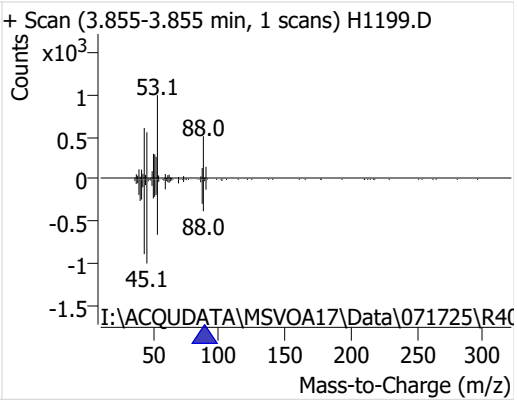




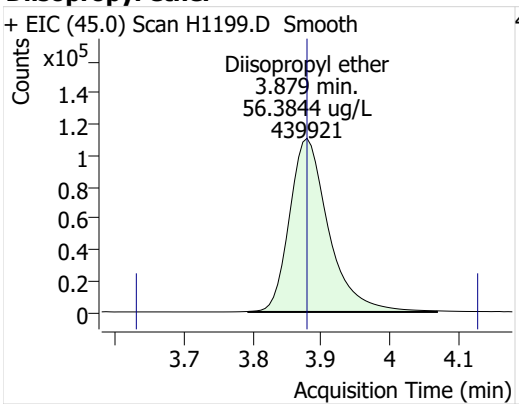
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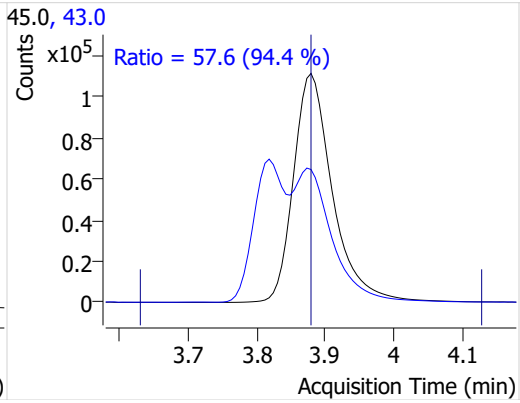


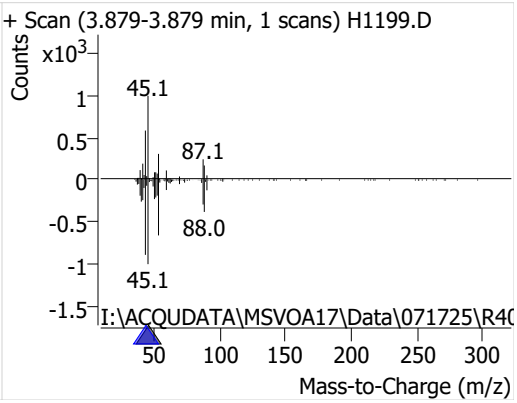




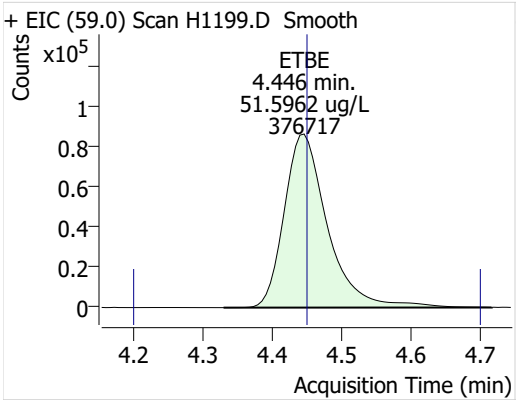
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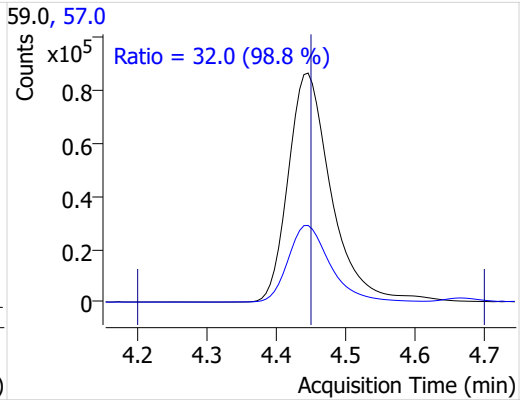


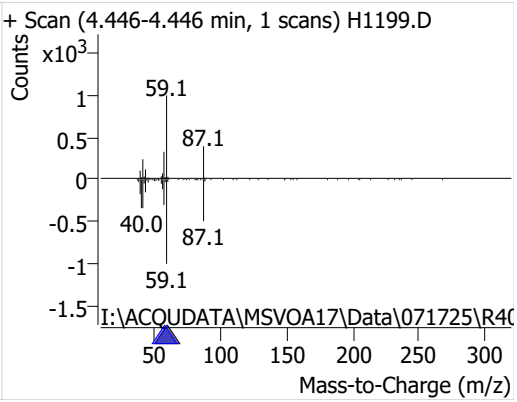




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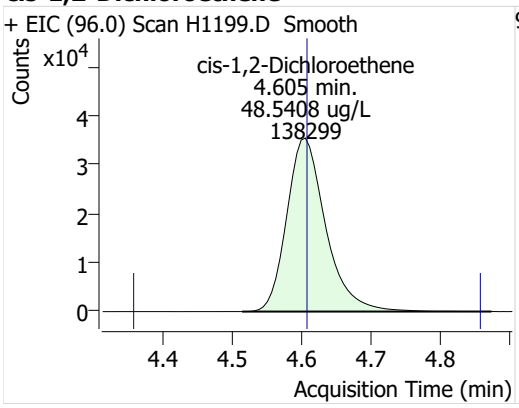


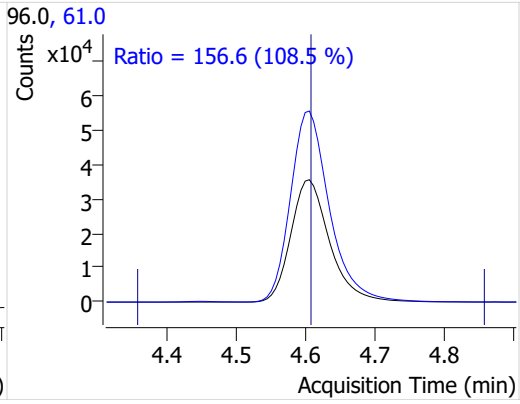


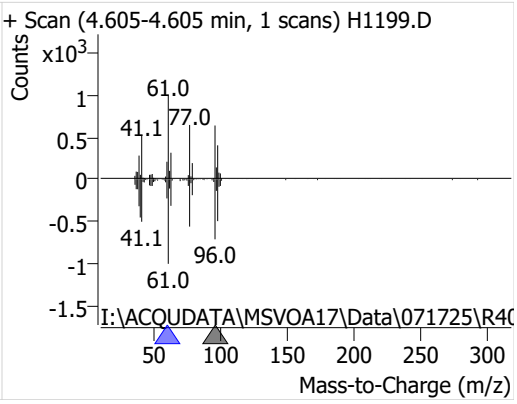


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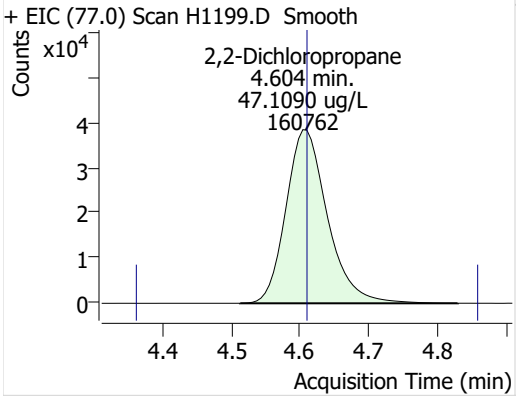
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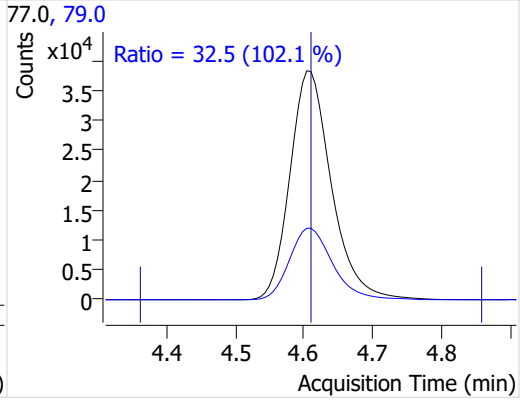


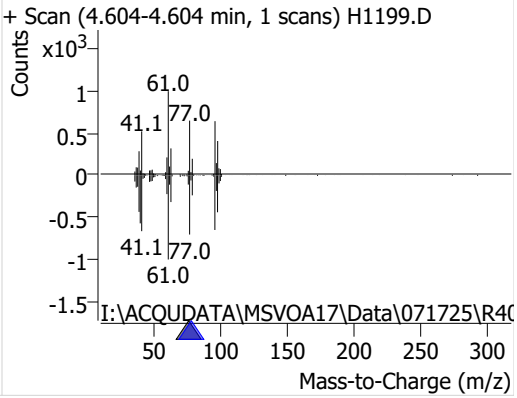




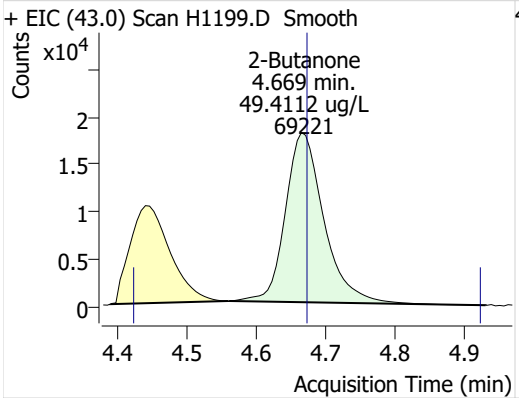
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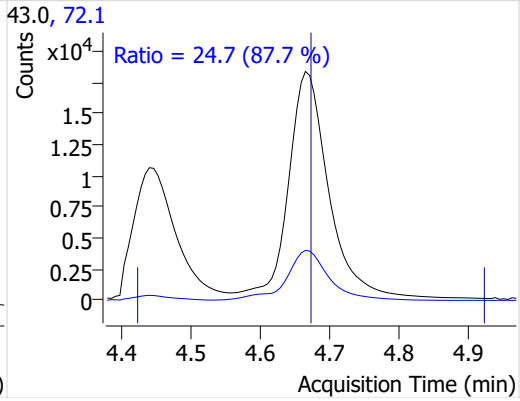


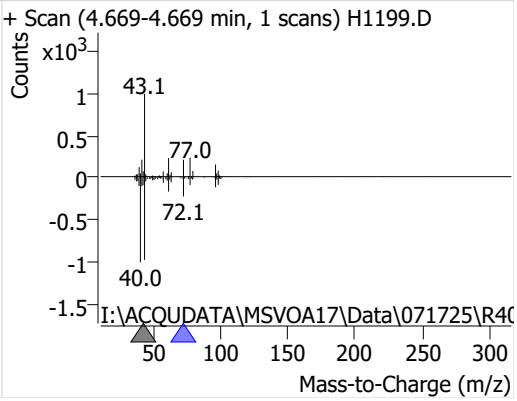




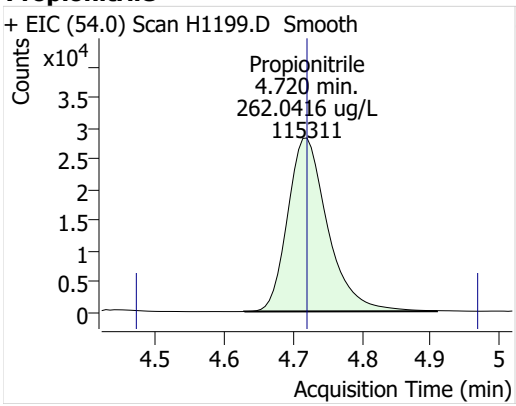
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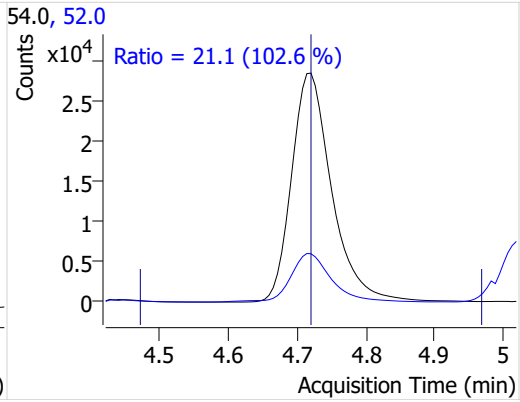


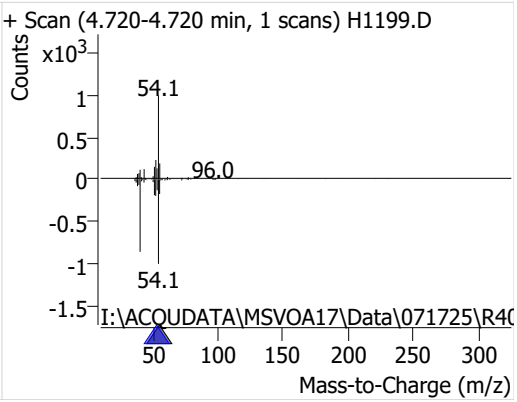




Propionitrile

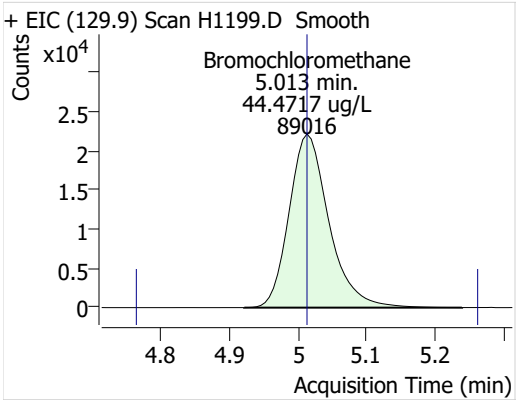


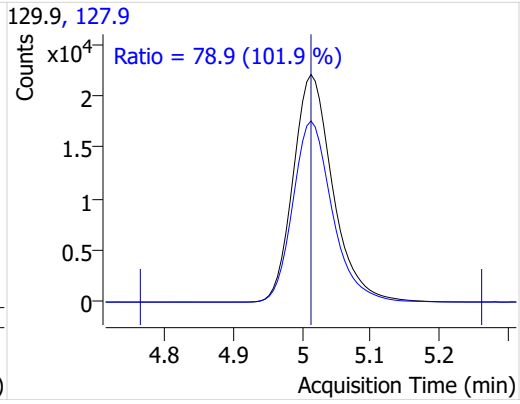


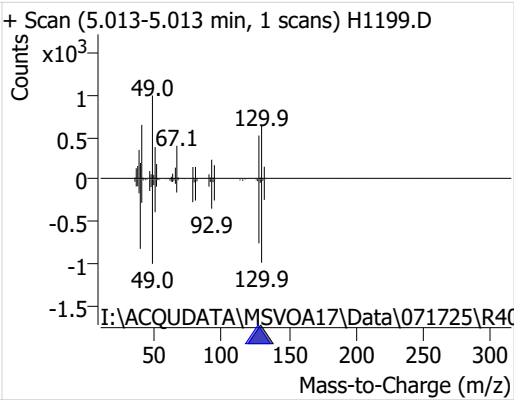


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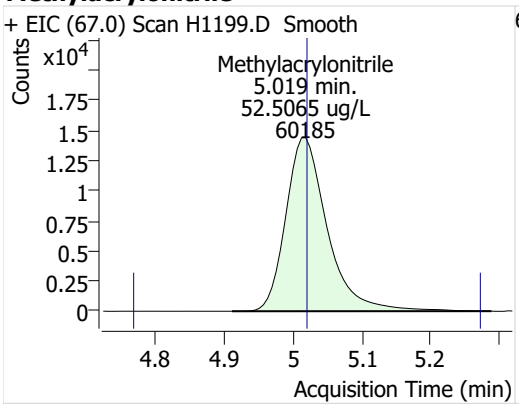
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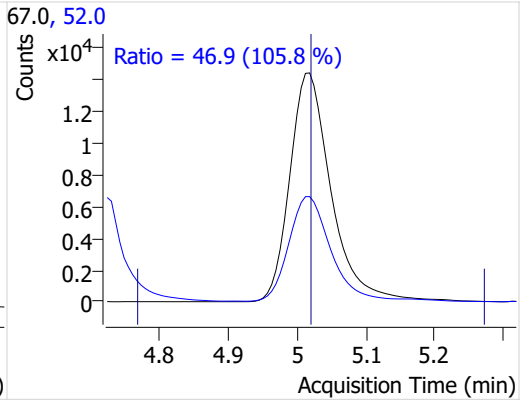


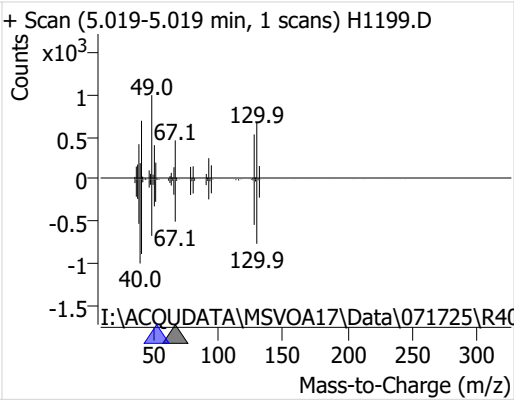




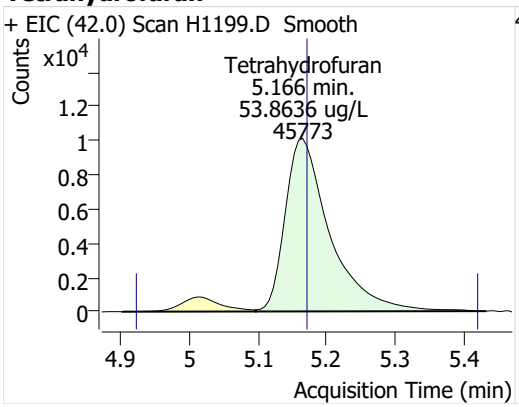
Methylacrylonitrile

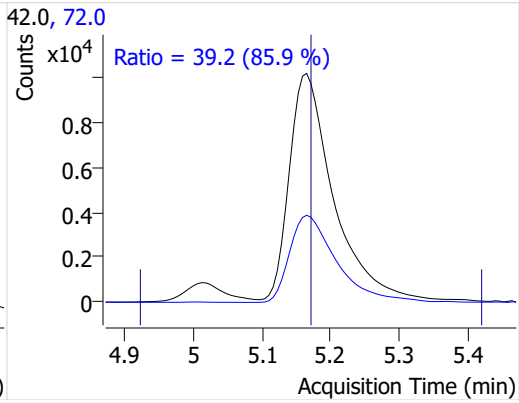


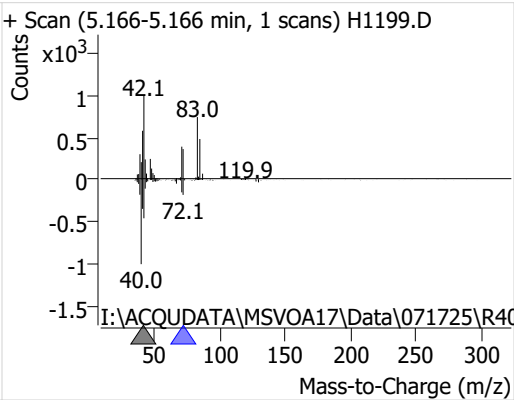




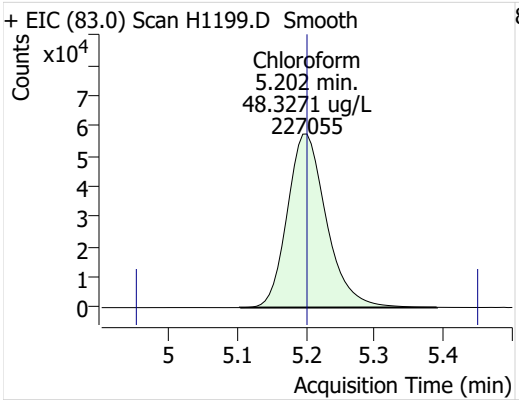
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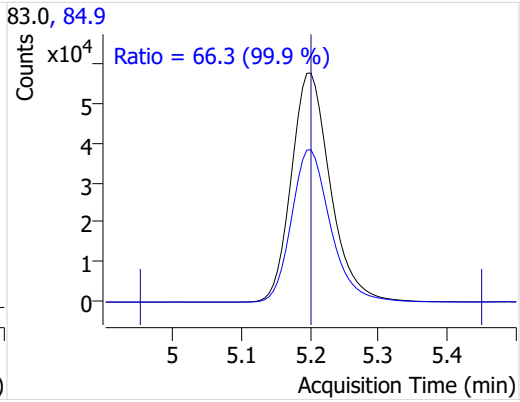


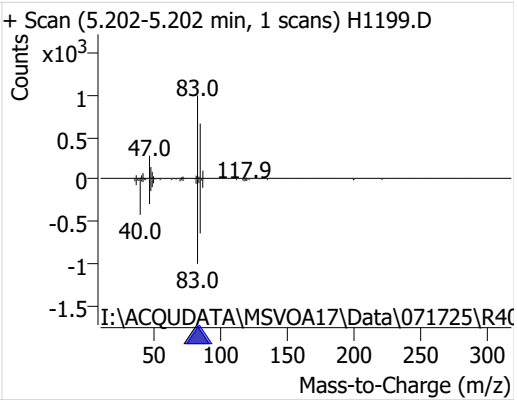




Chloroform

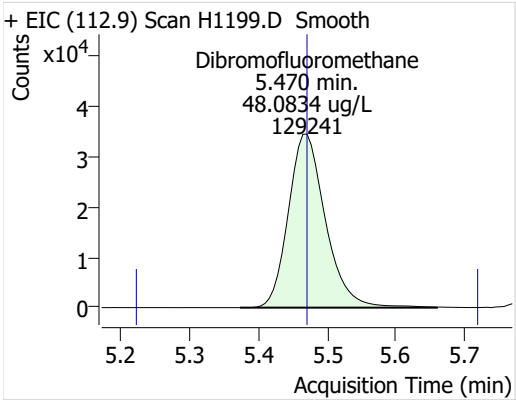


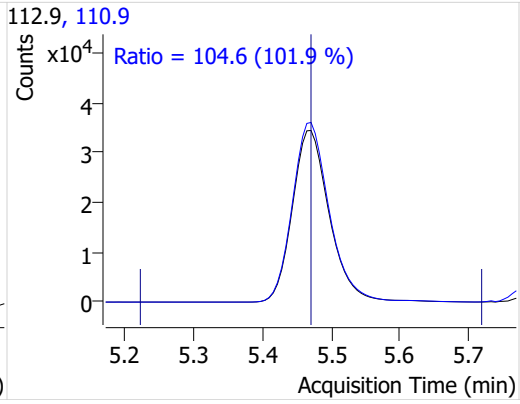


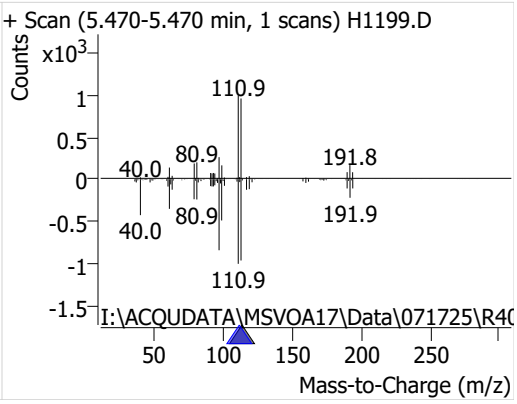


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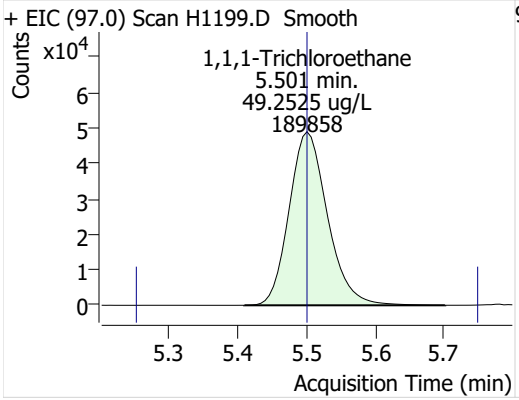
Dibromofluoromethane

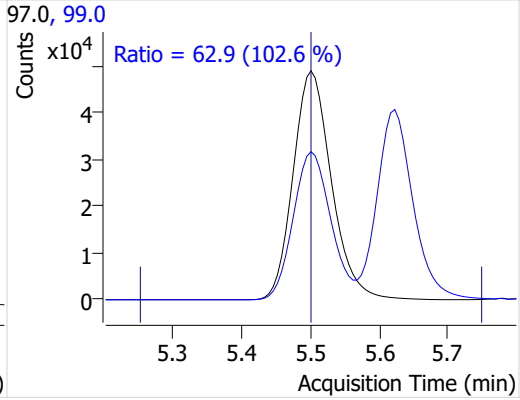


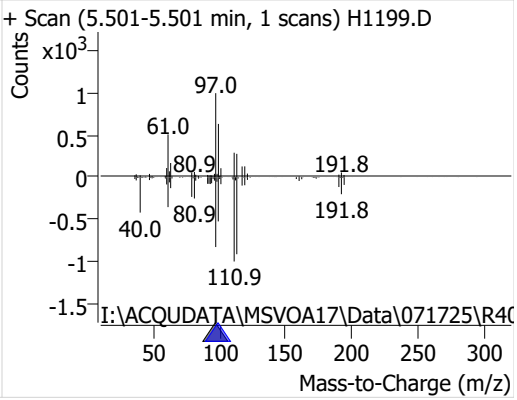




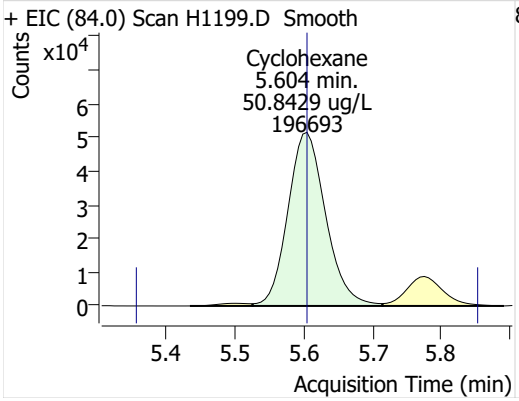
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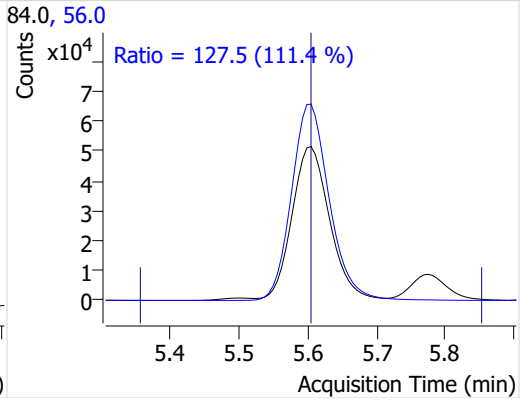


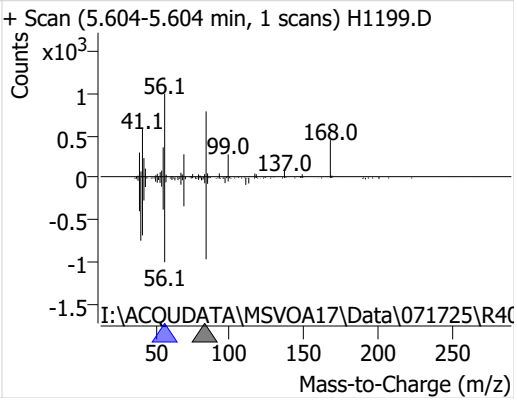




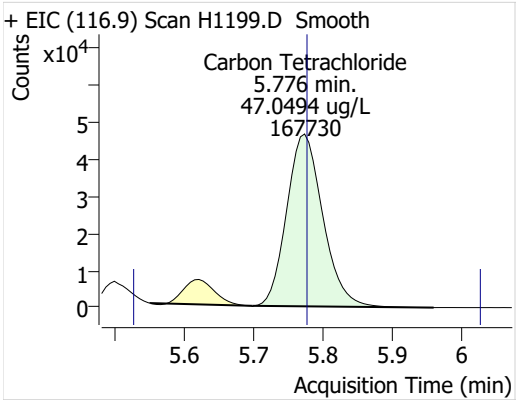
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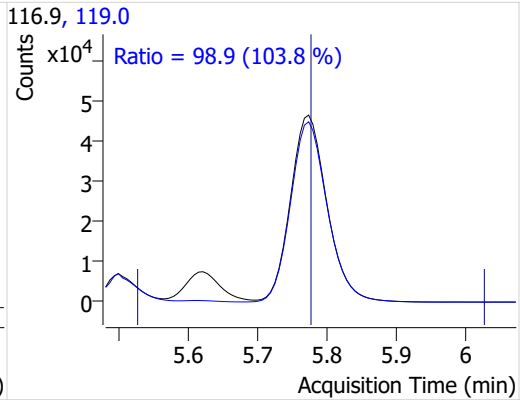


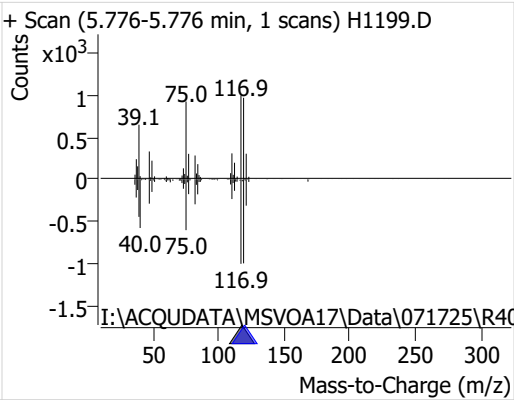




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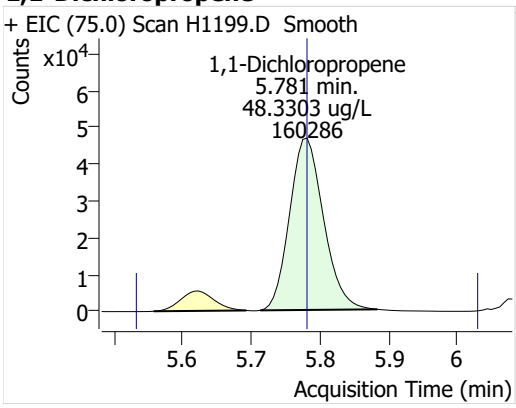


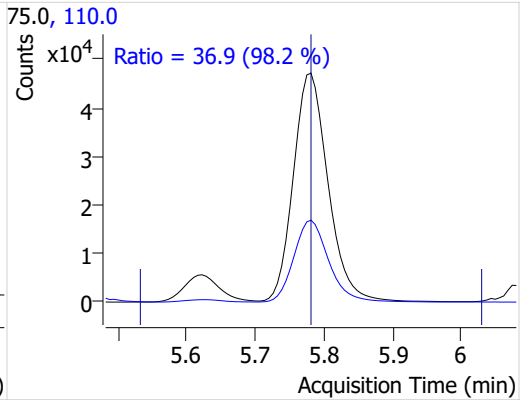


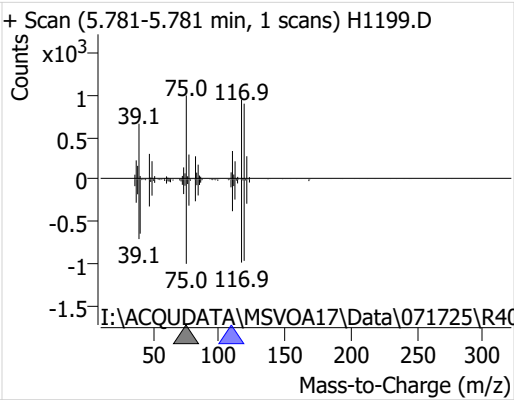


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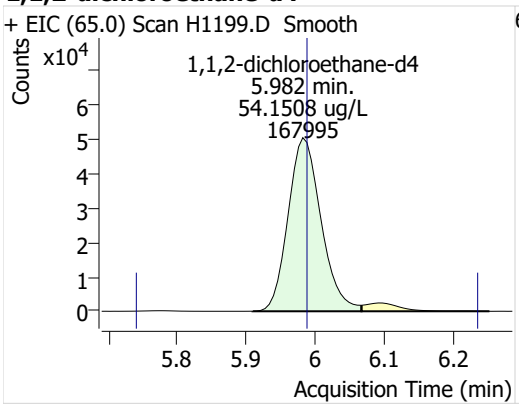
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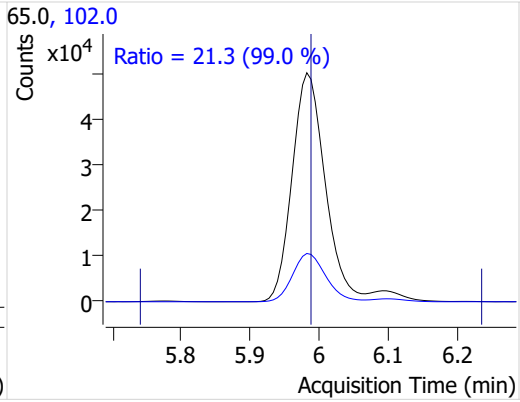


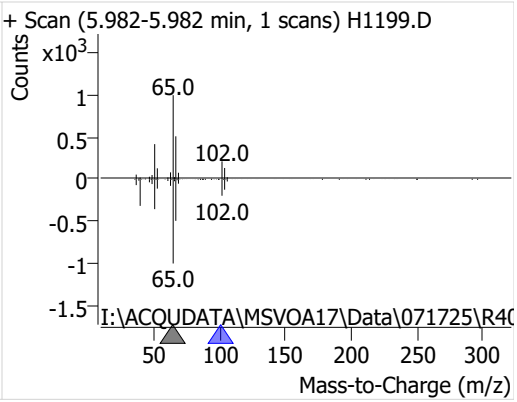




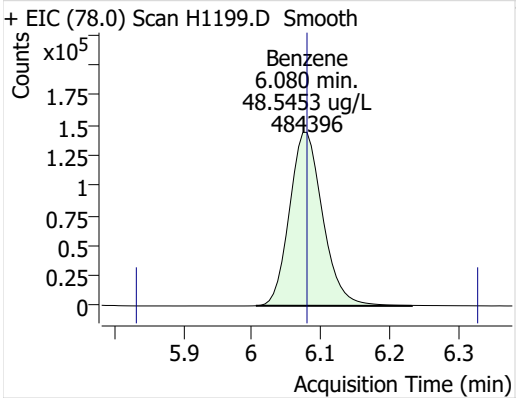
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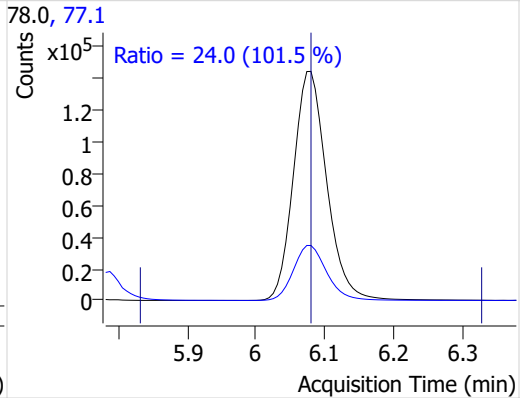


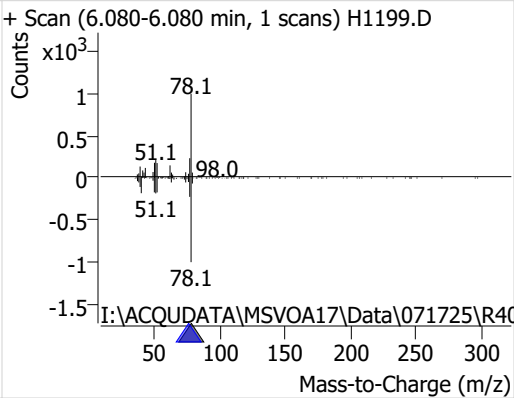




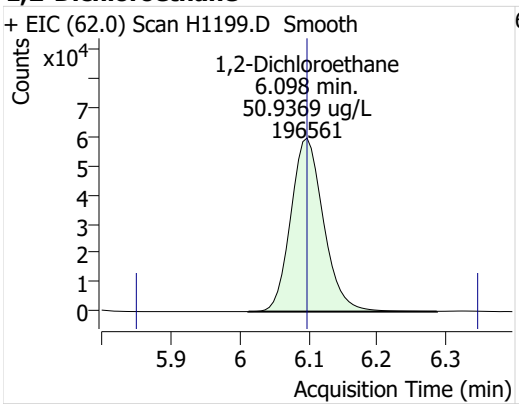
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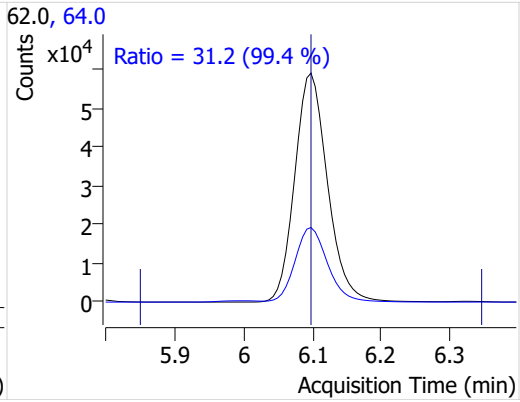


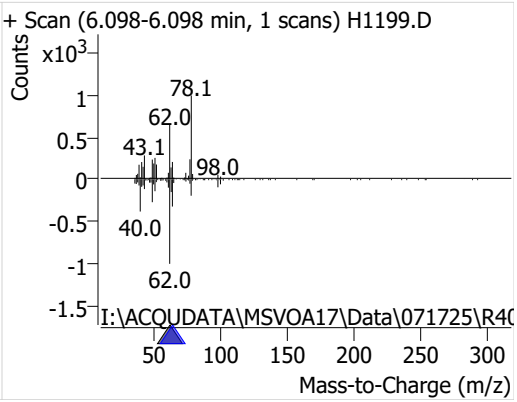




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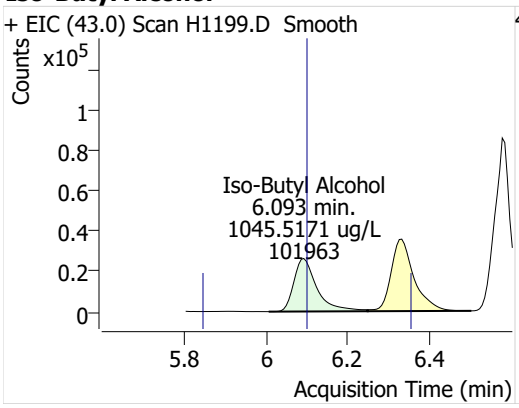


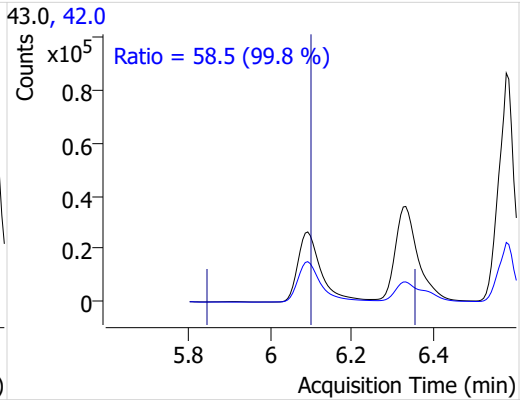


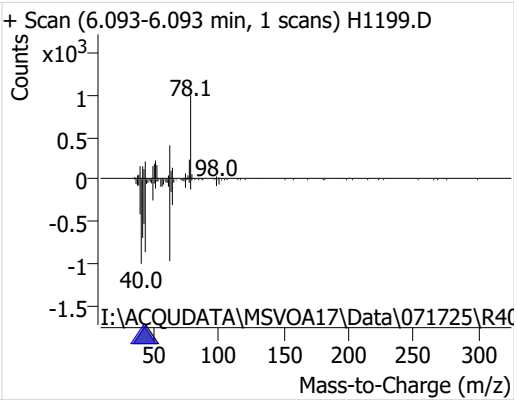


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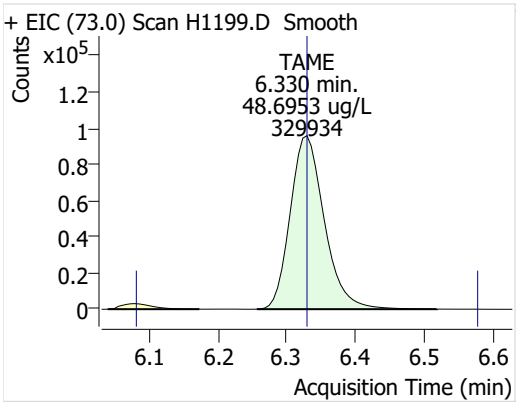
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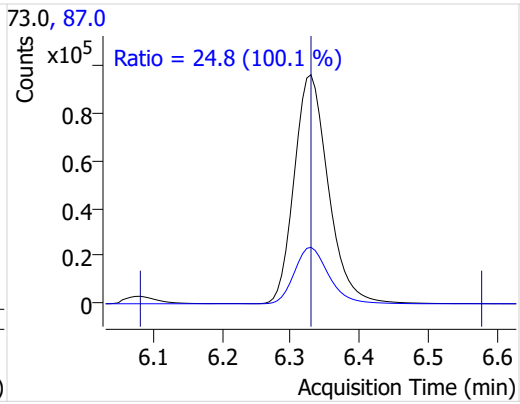


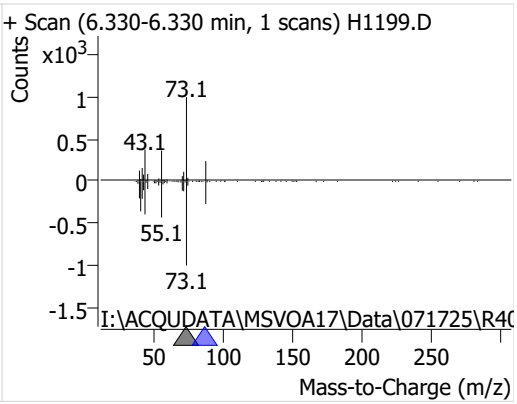




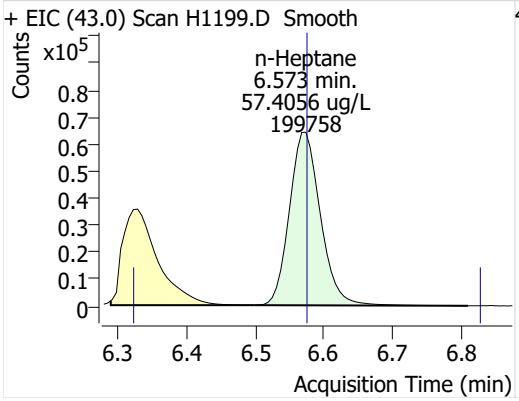
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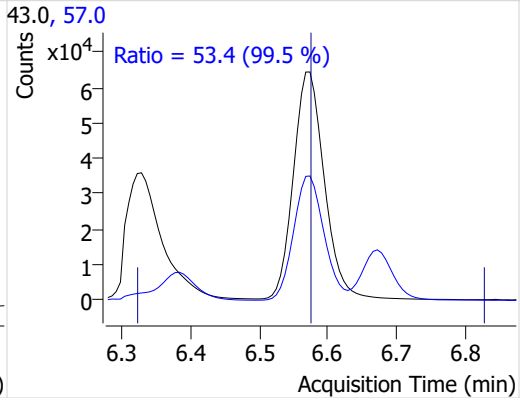


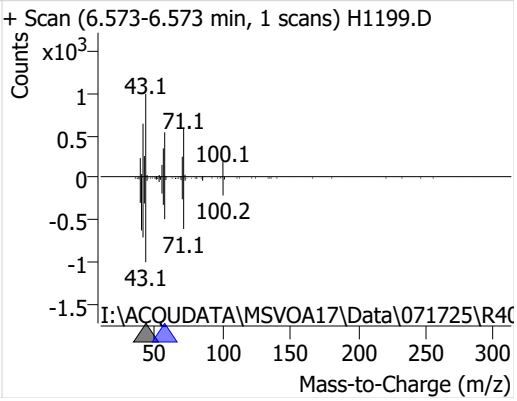




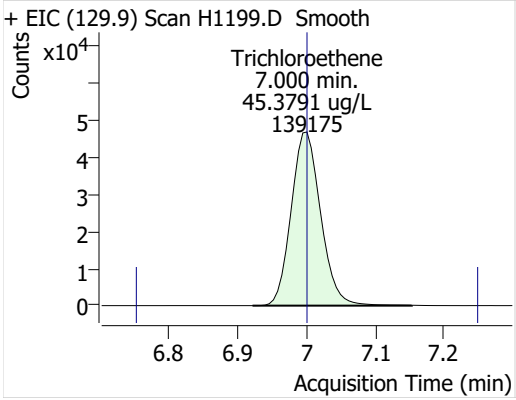
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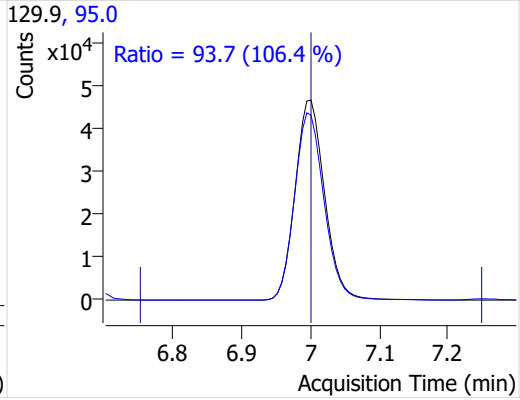


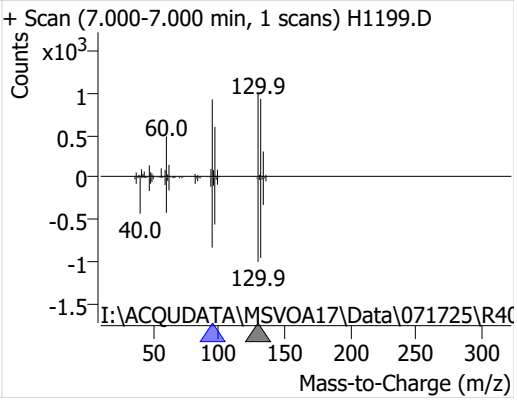




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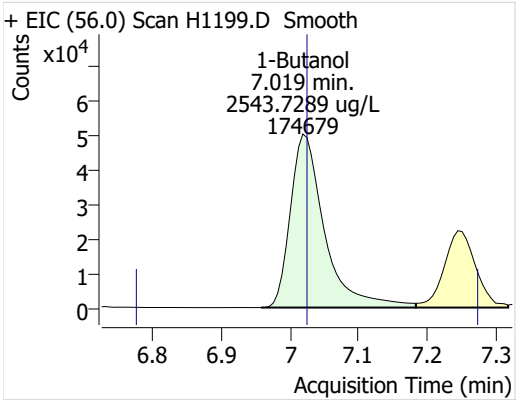


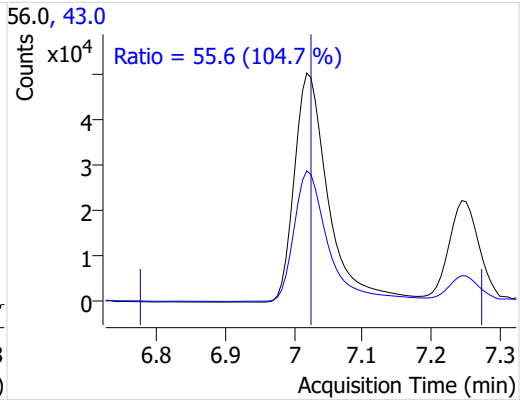


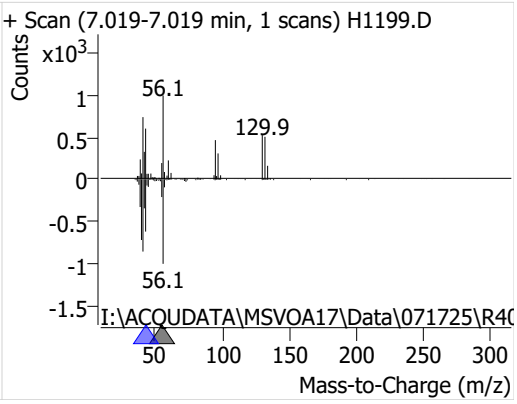


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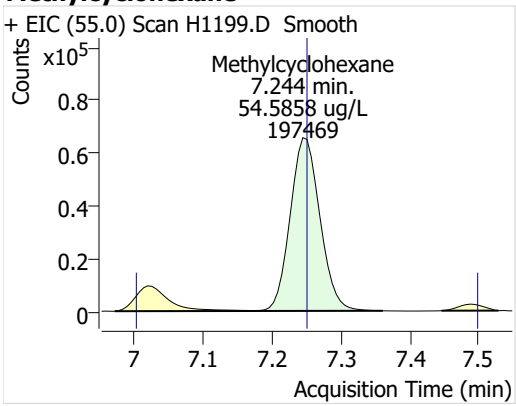
1-Butanol

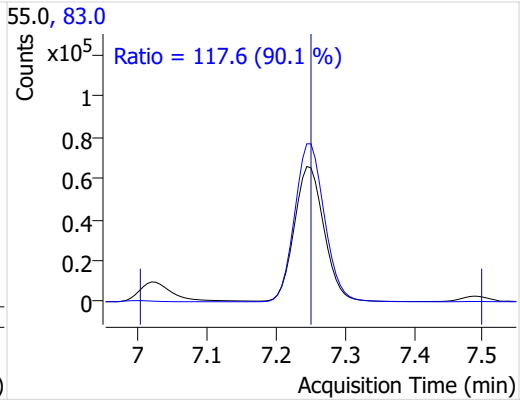


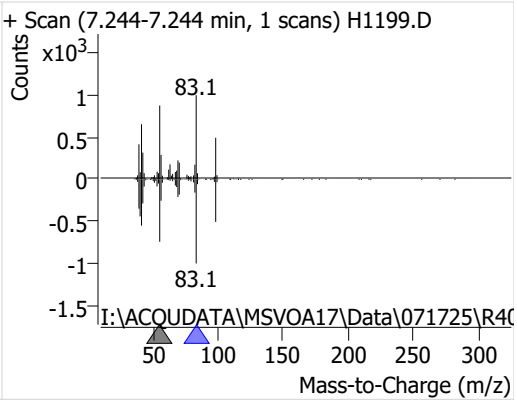




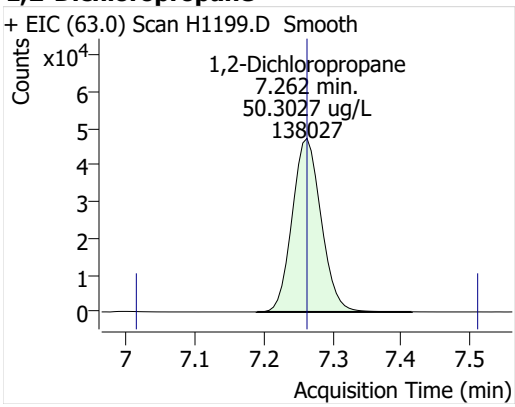
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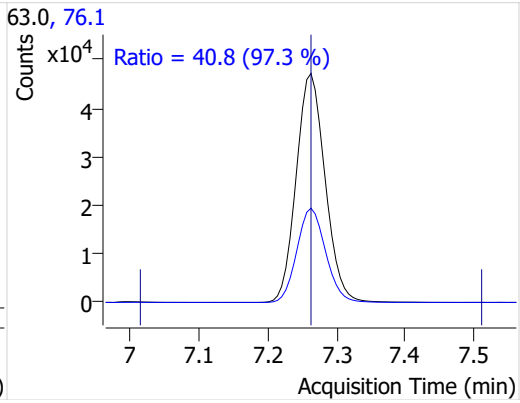


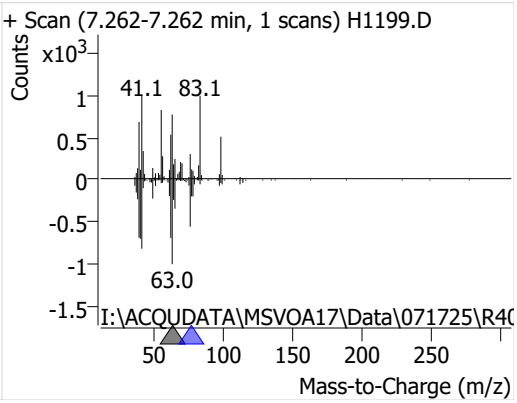




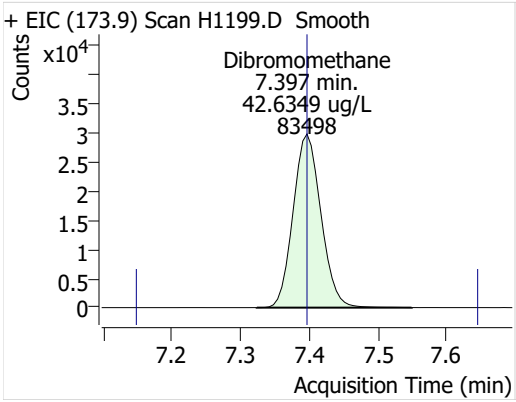
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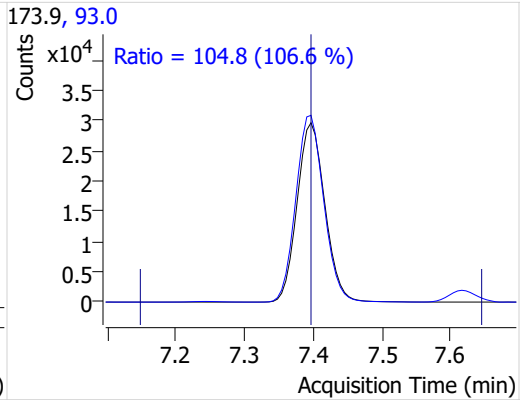


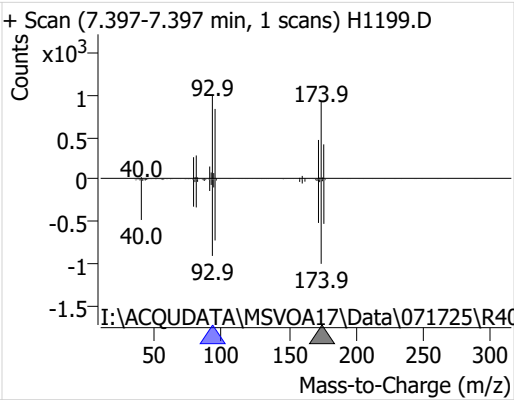




Dibromomethane

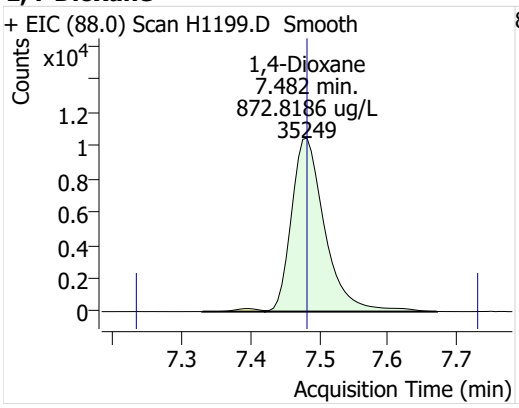


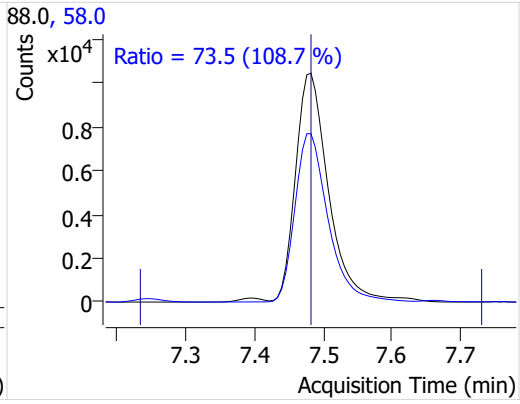


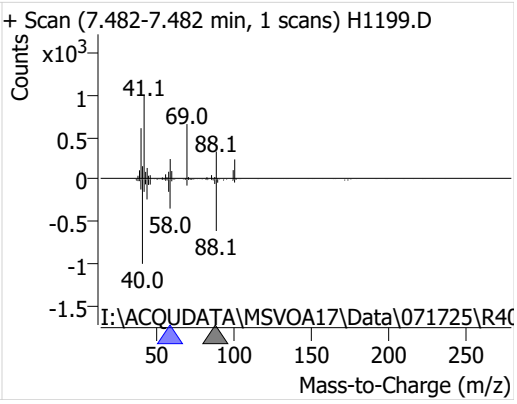


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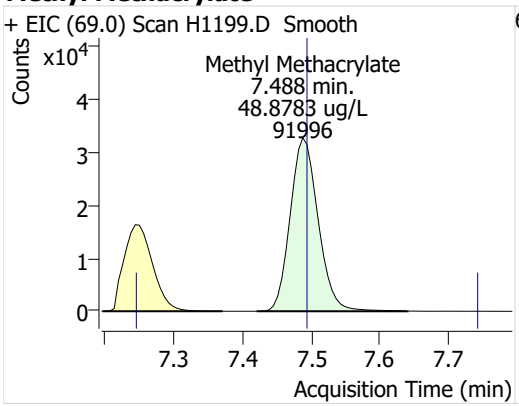
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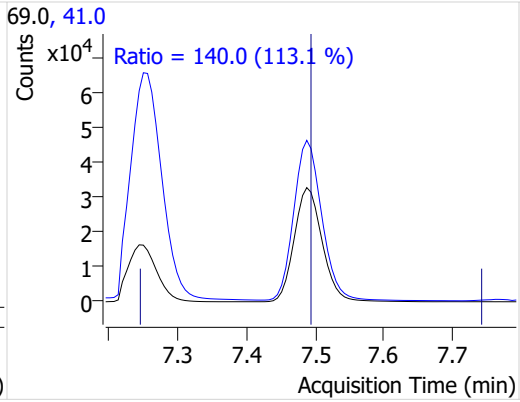


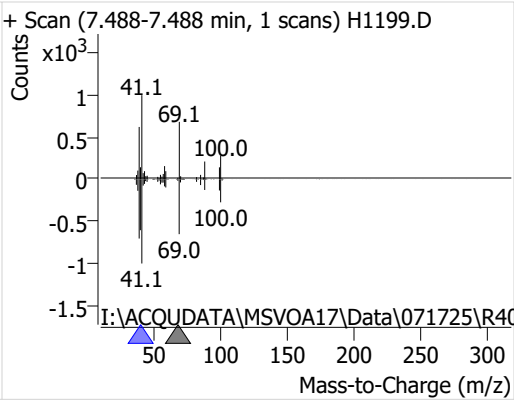




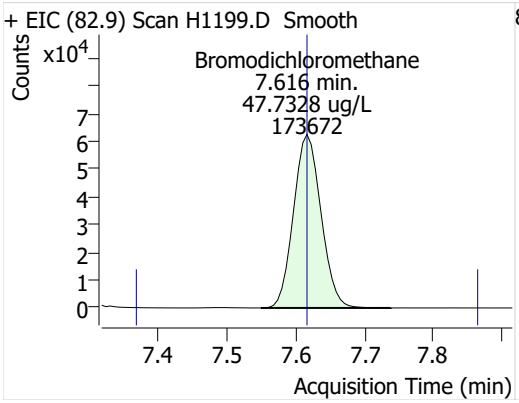
Methyl Methacrylate

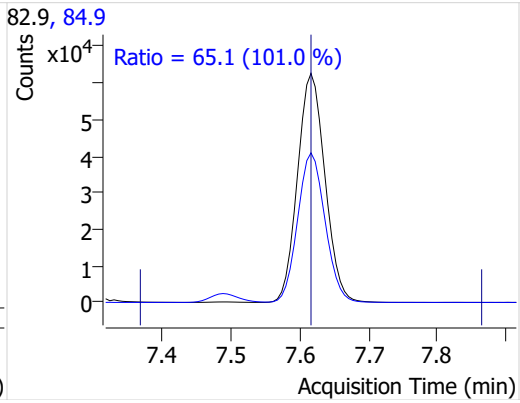


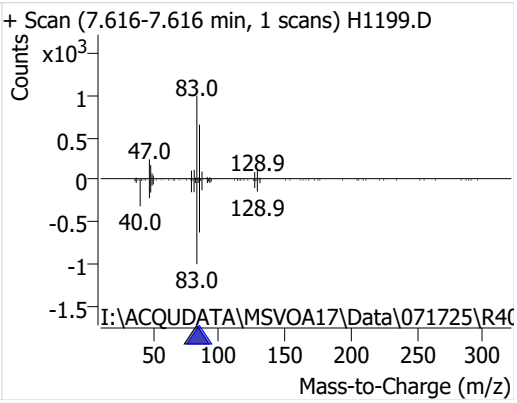




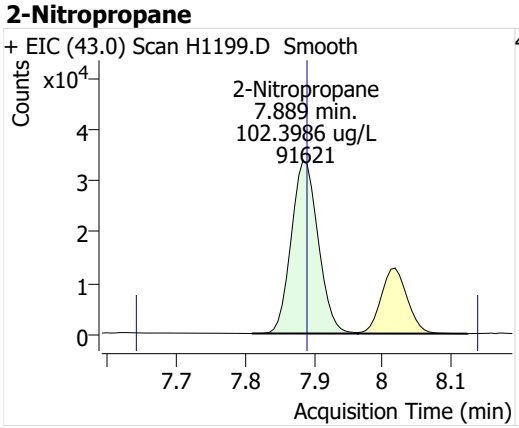
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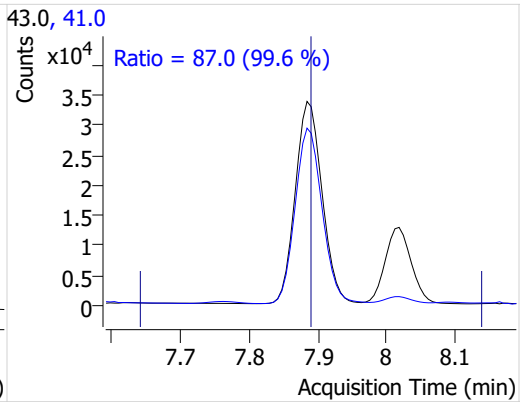


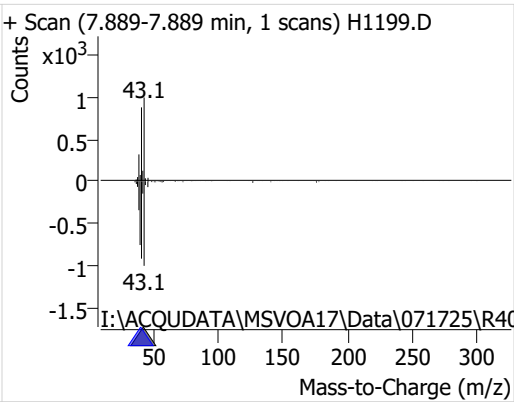




2-Nitropropane

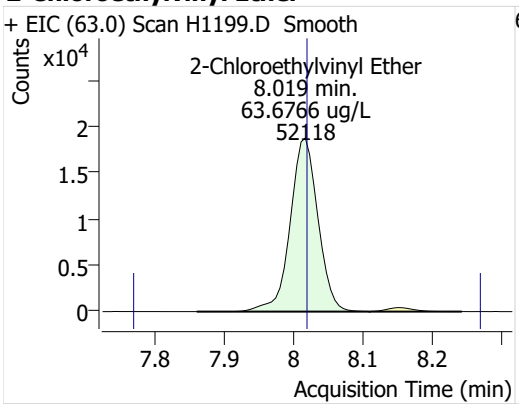


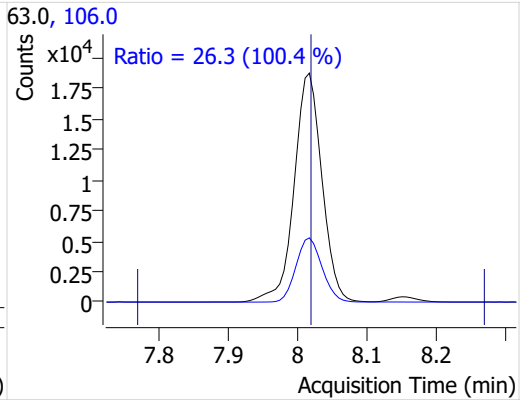


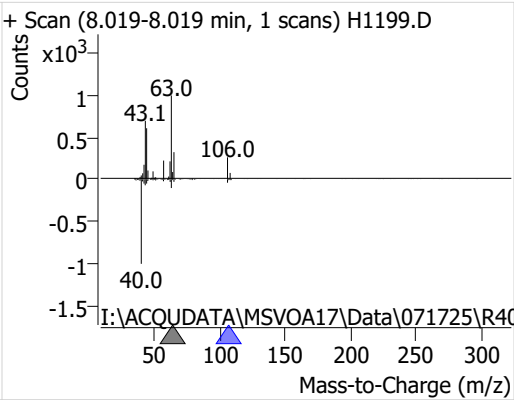


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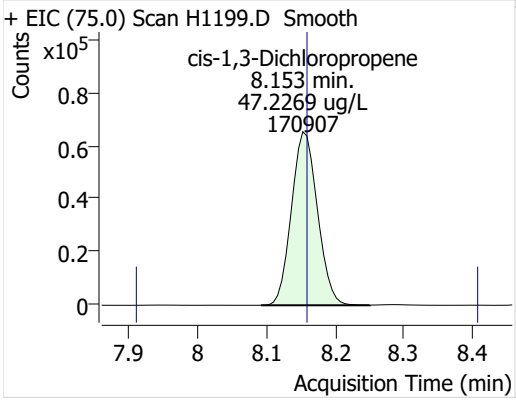
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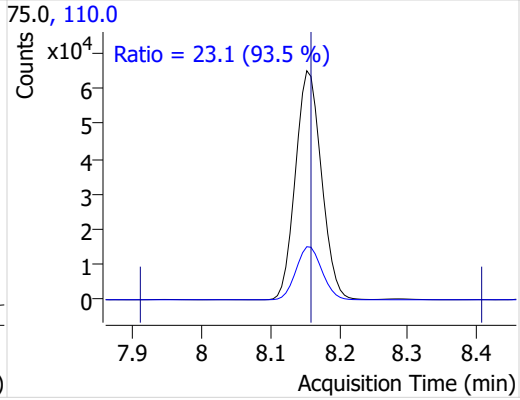


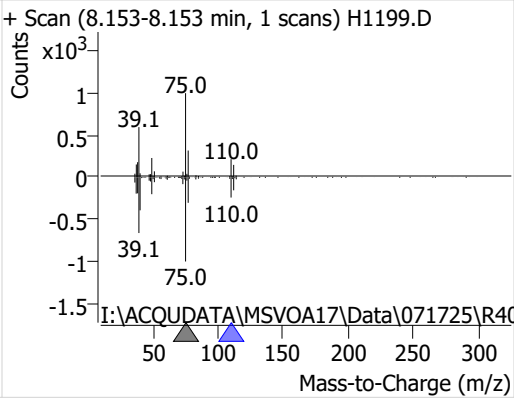




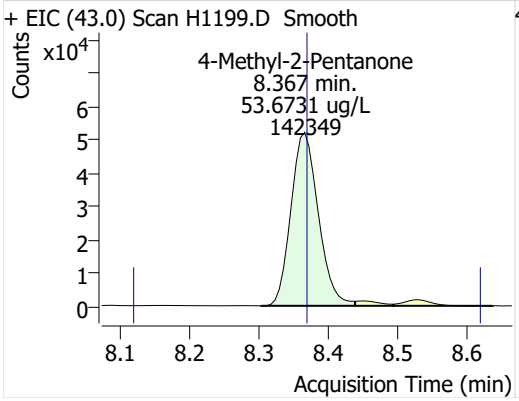
cis-1,3-Dichloropropene

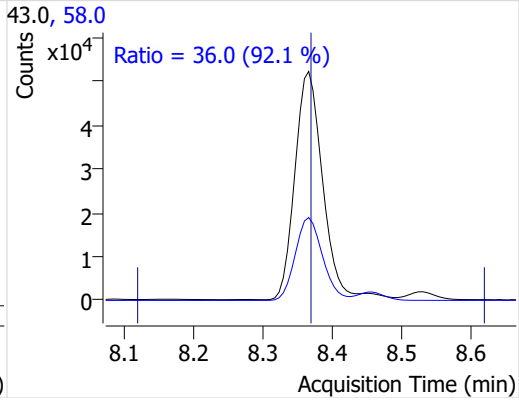


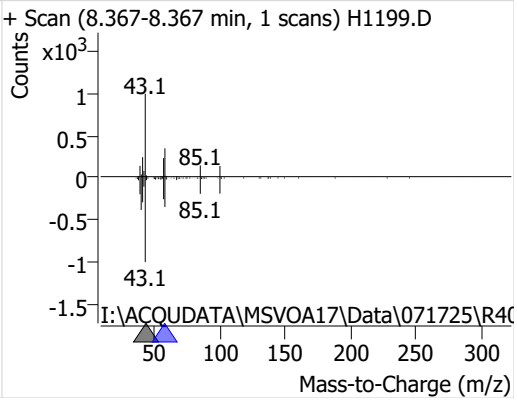




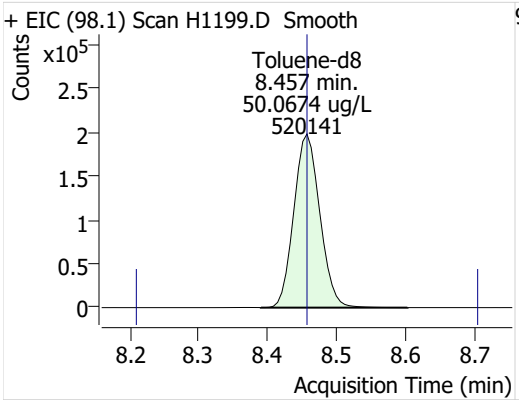
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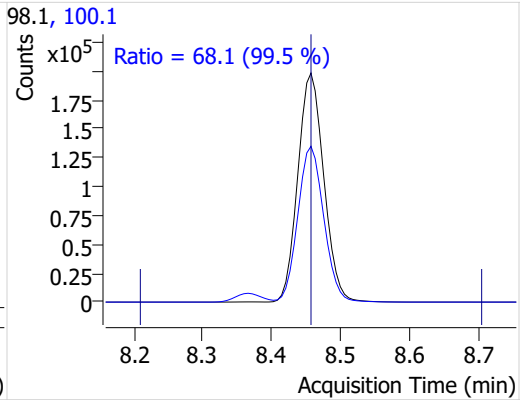


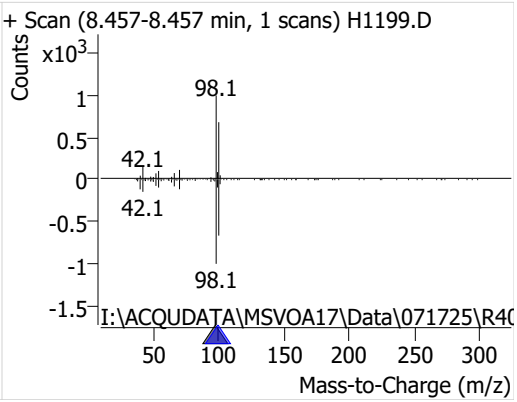




Toluene-d8

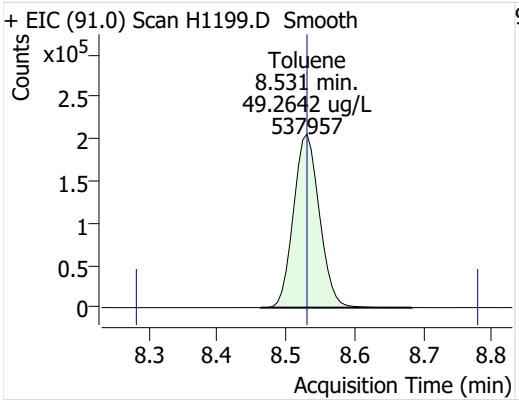


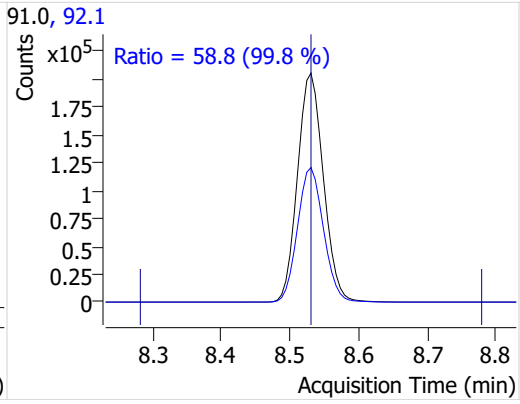


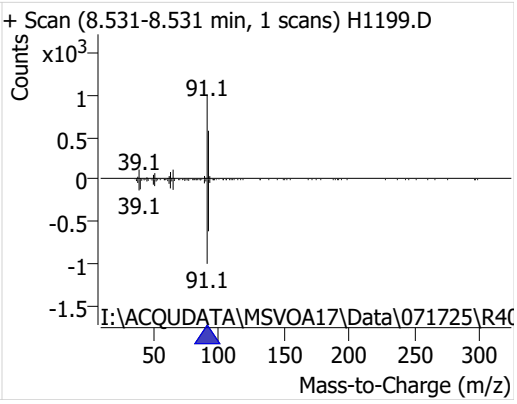


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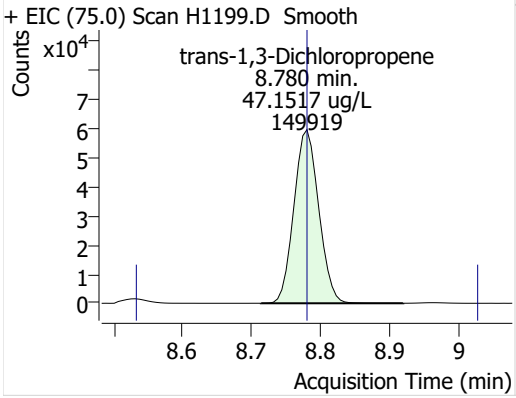
Toluene

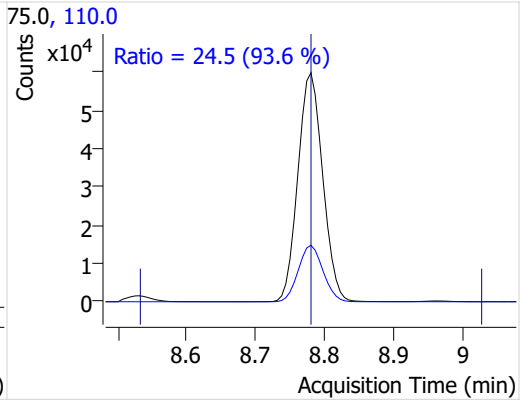


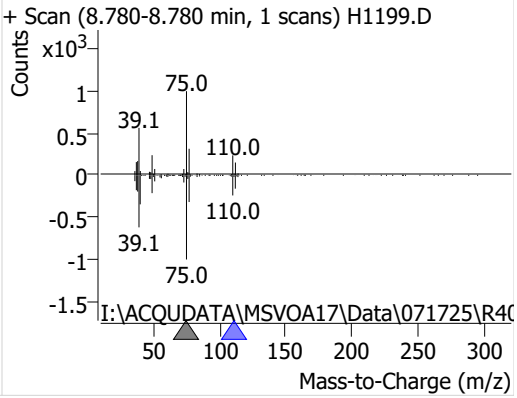




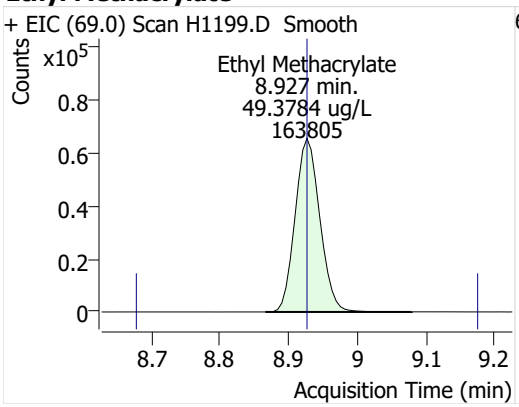
trans-1,3-Dichloropropene

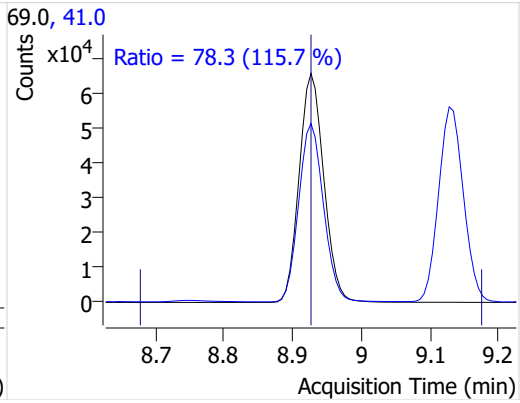


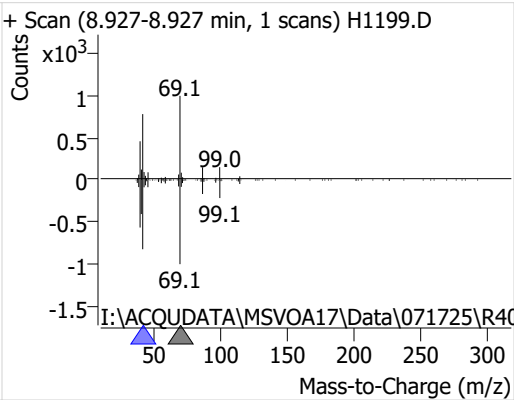




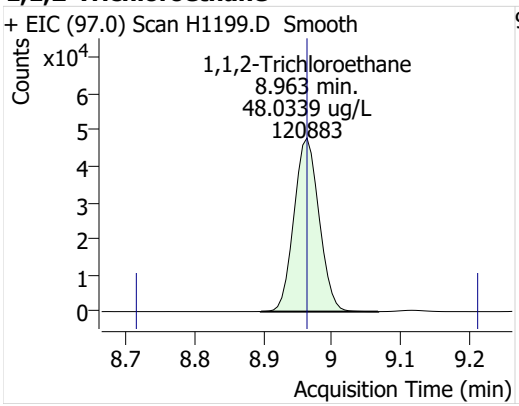
Ethyl Methacrylate

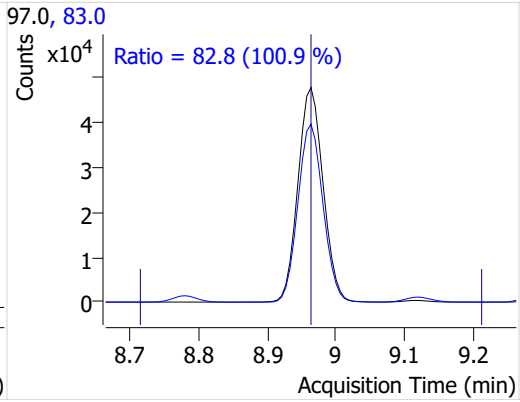


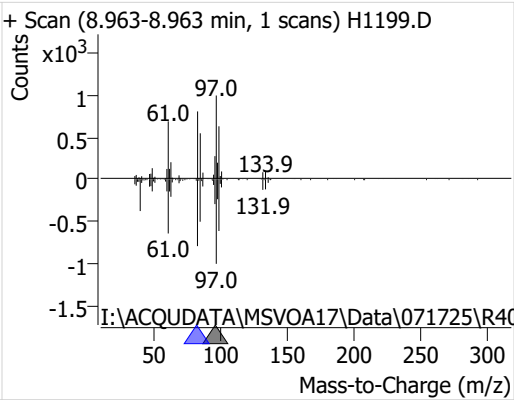




1,1,2-Trichloroethane

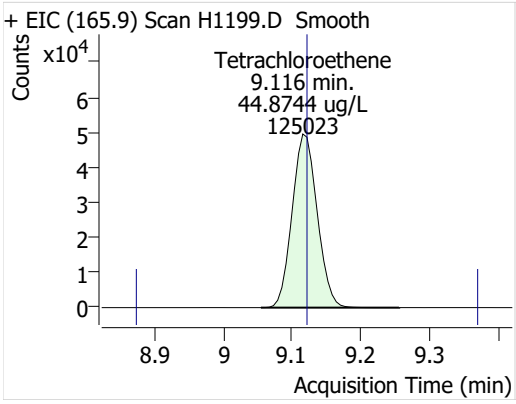


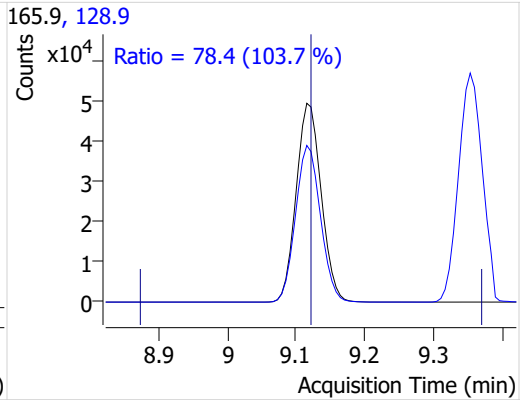


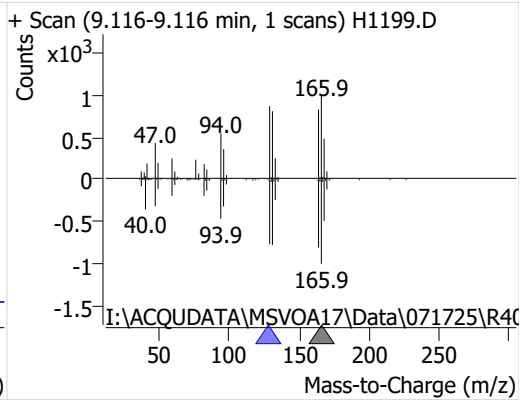


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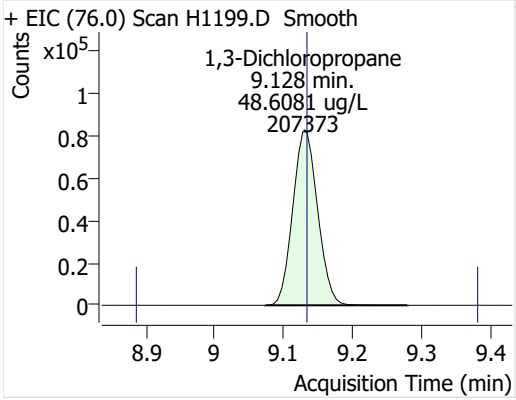
Tetrachloroethene

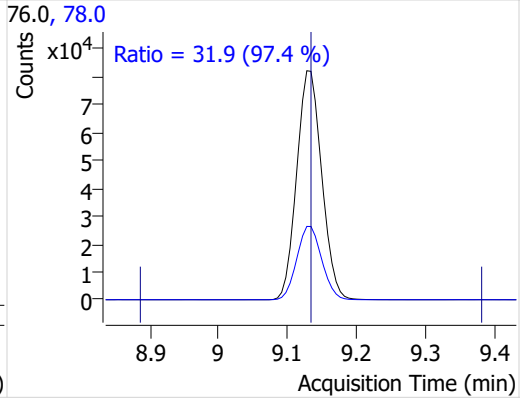


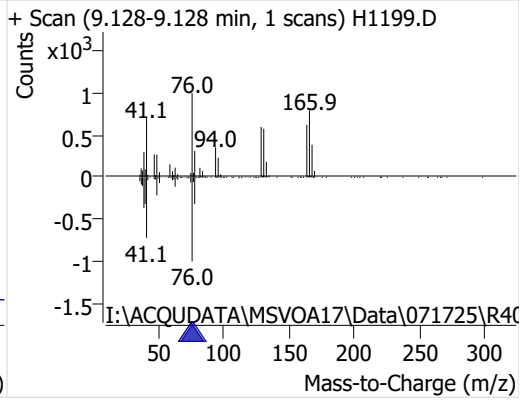




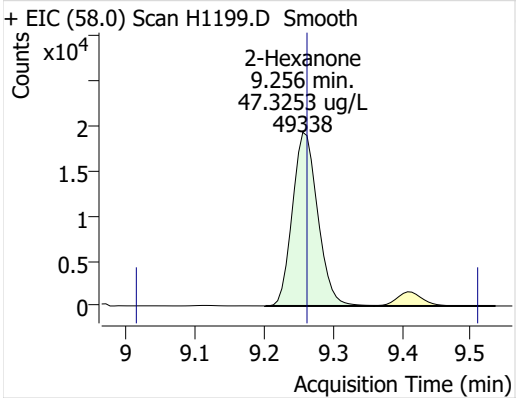
1,3-Dichloropropane

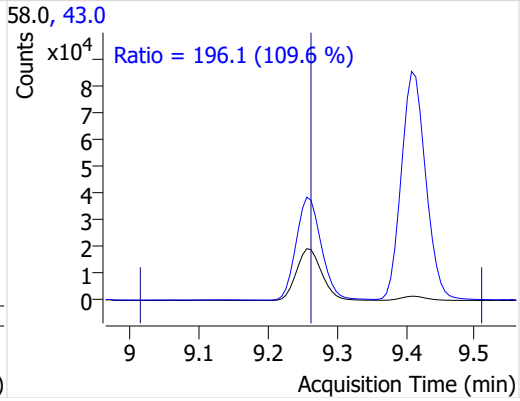


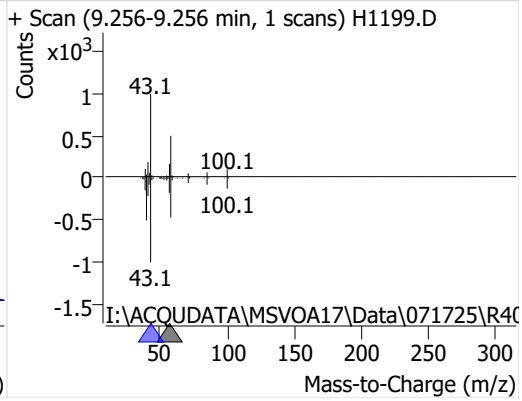




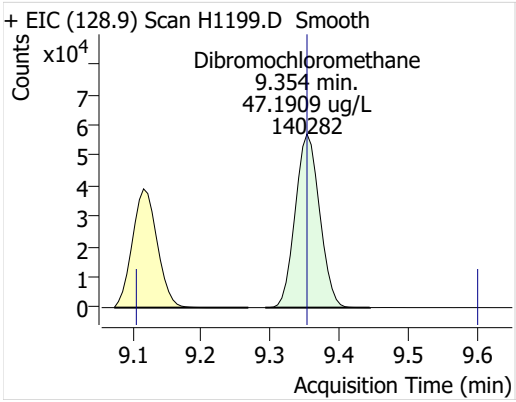
2-Hexanone

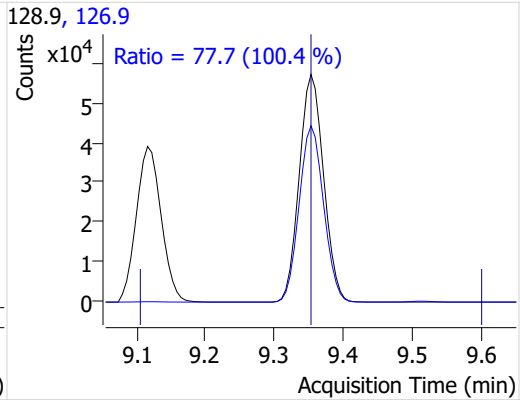


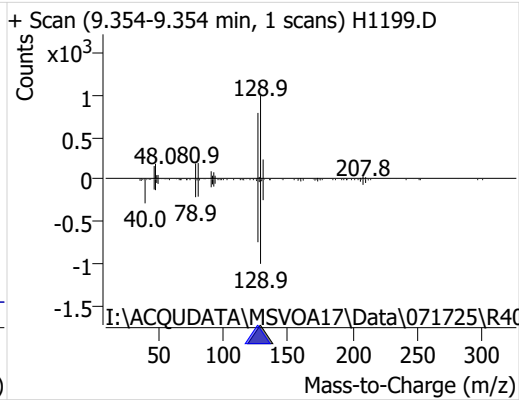




Dibromochloromethane

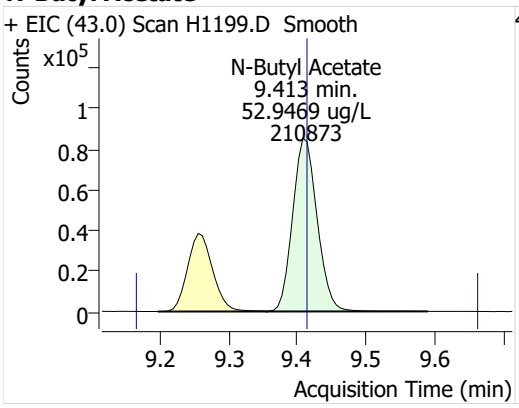


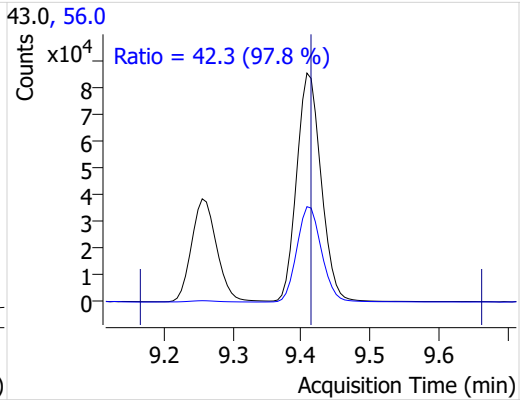


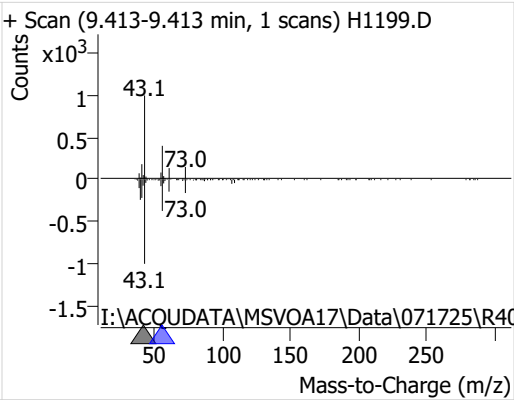


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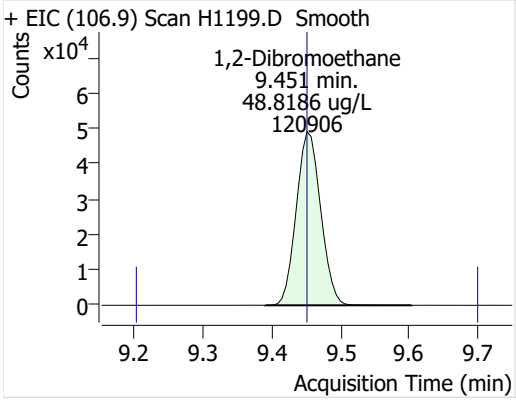
N-Butyl Acetate

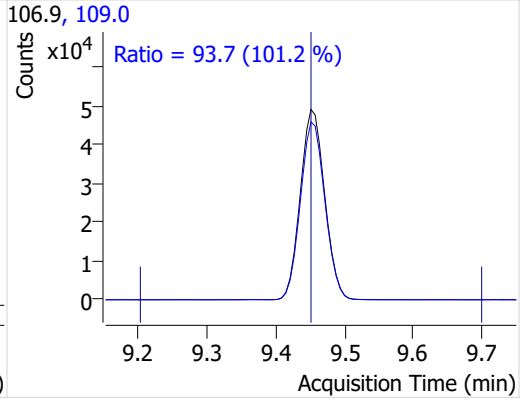


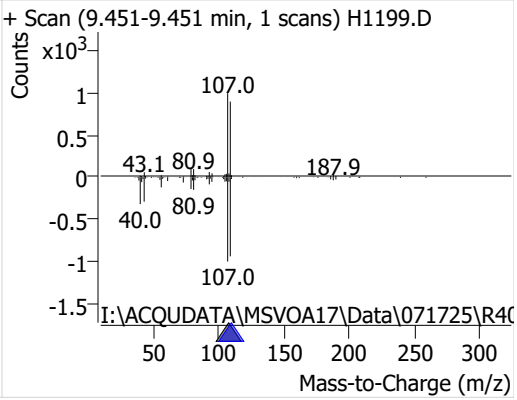




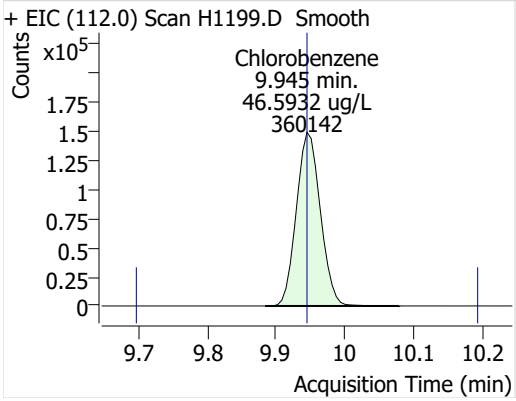
1,2-Dibromoethane

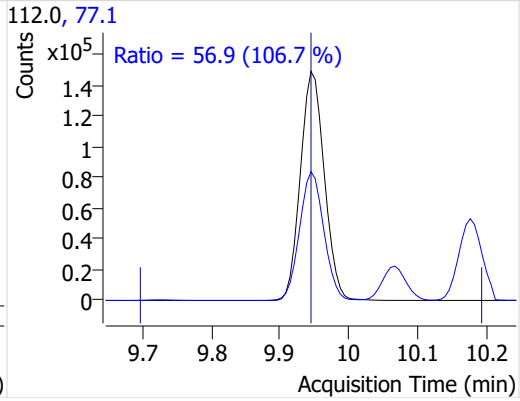


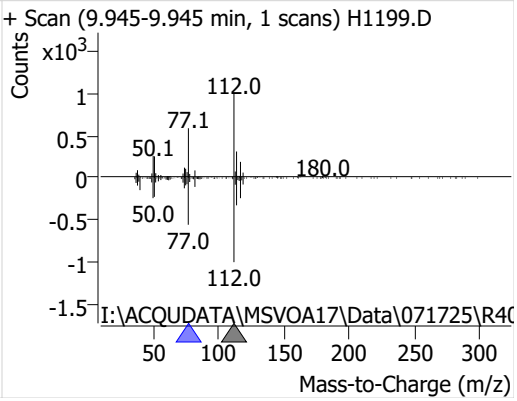




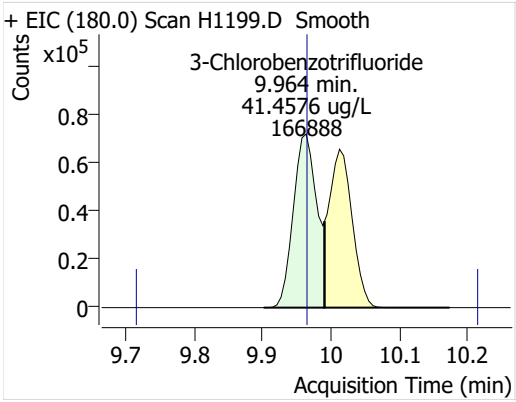
Chlorobenzene

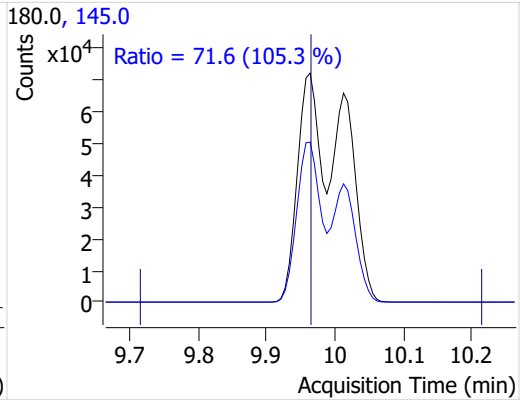


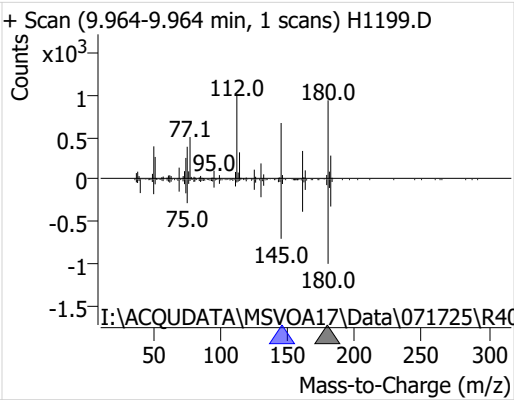




3-Chlorobenzotrifluoride

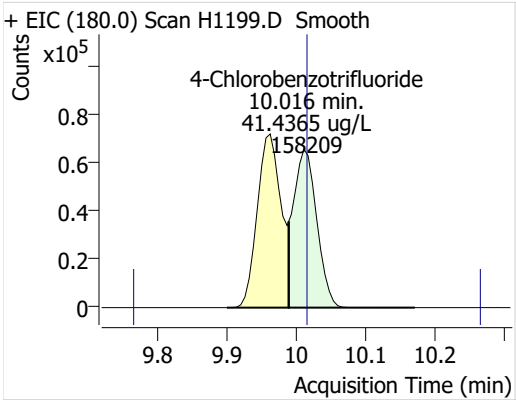


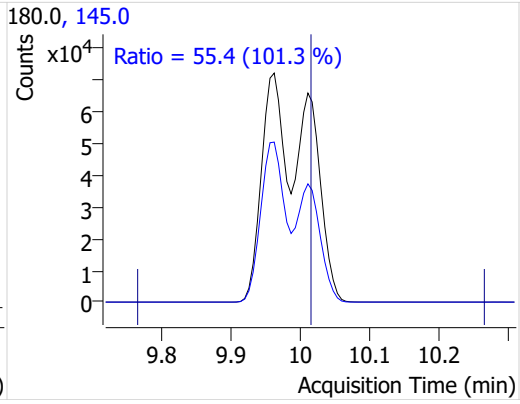


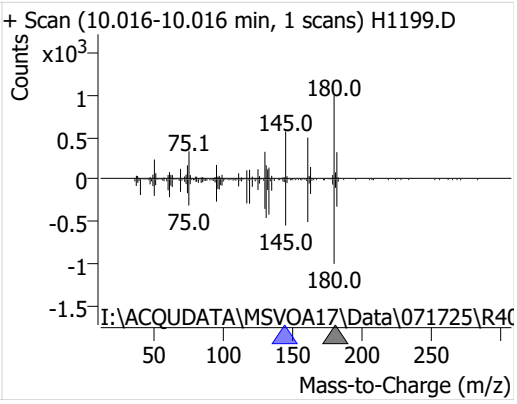


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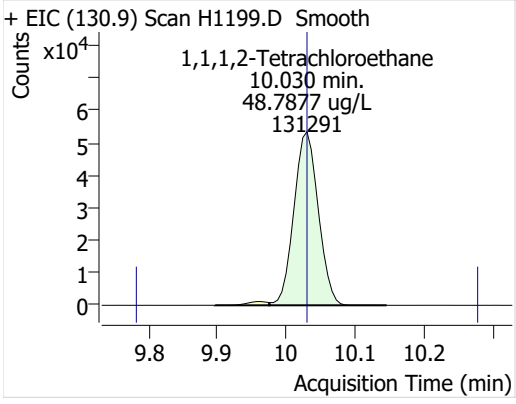
4-Chlorobenzotrifluoride

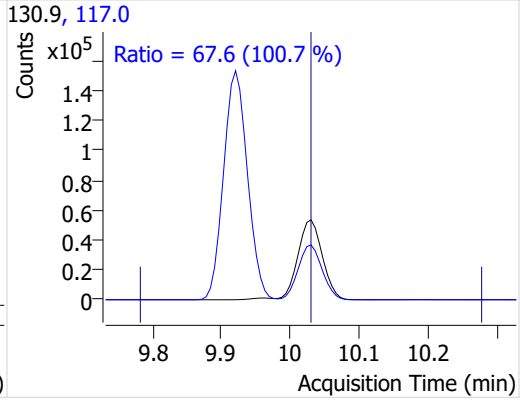


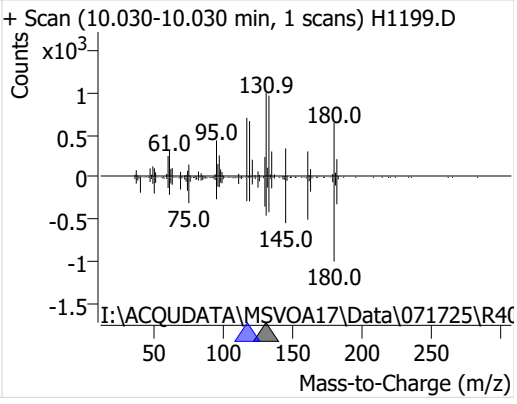




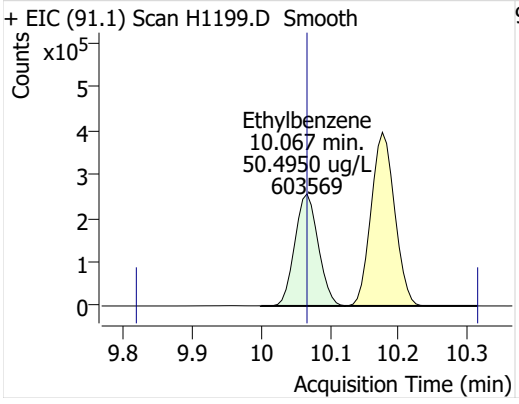
1,1,1,2-Tetrachloroethane

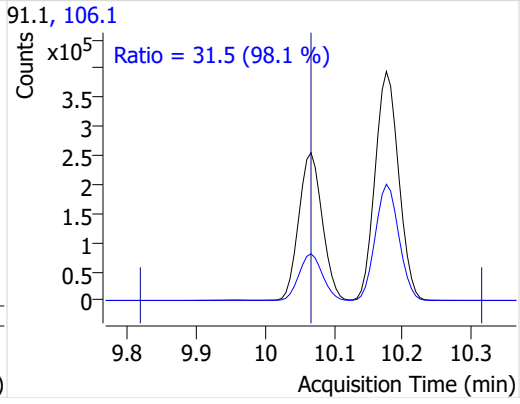


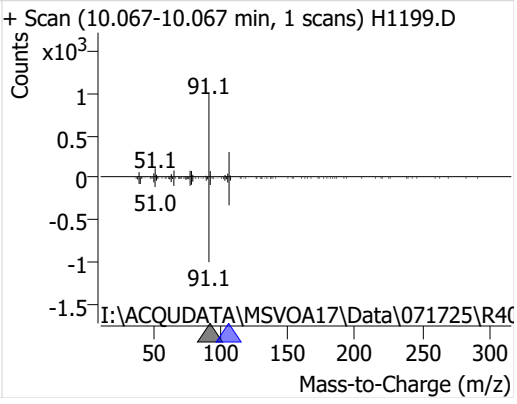




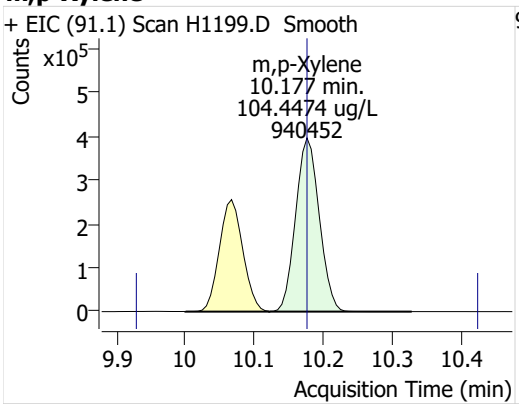
Ethylbenzene

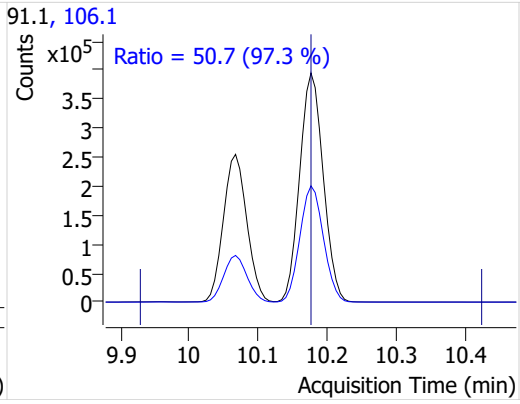


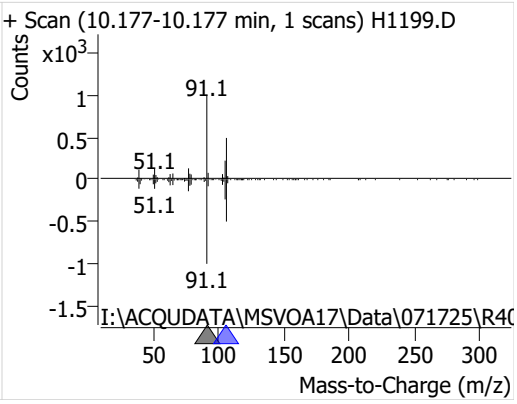




m,p-Xylene

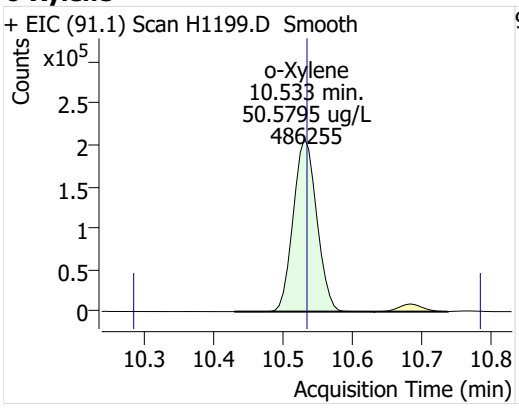


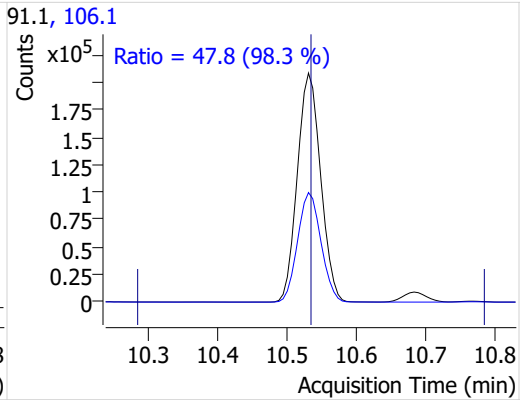


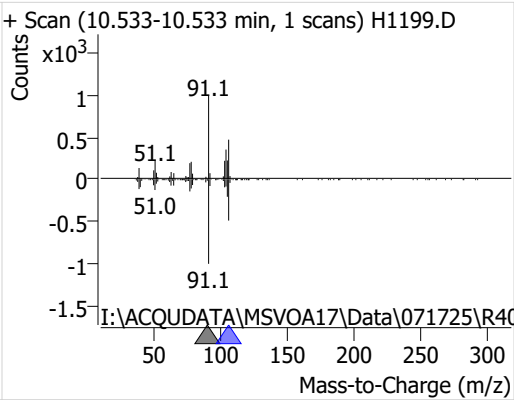


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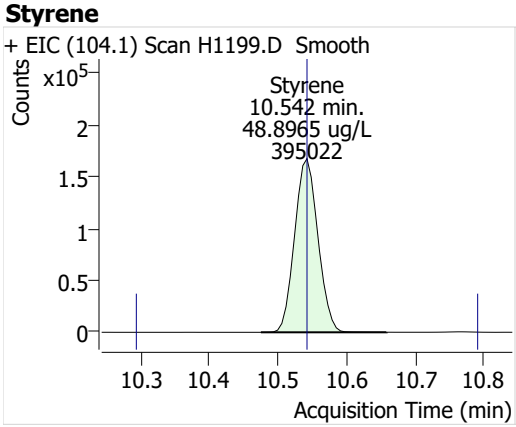
o-Xylene

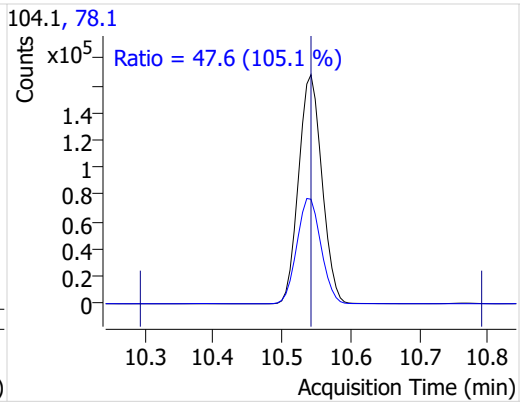


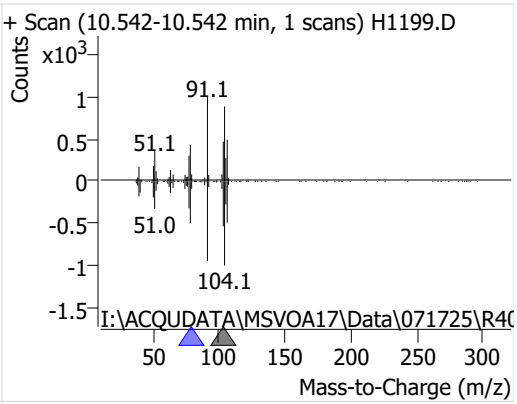




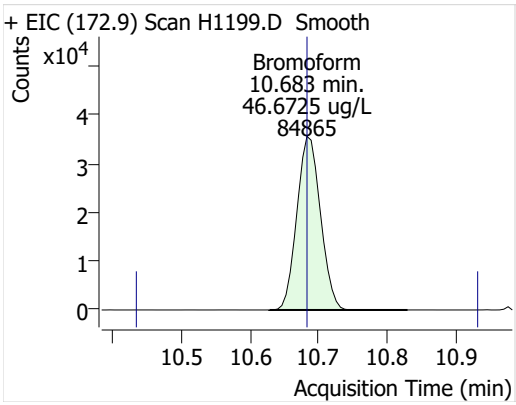
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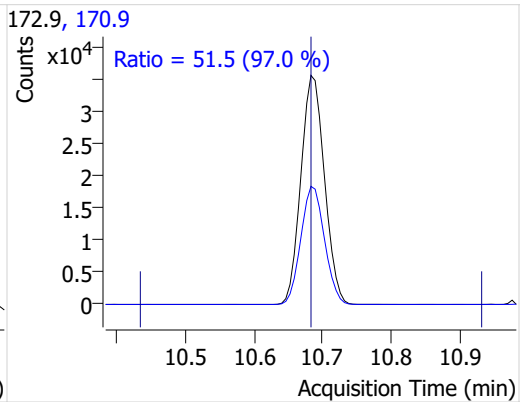


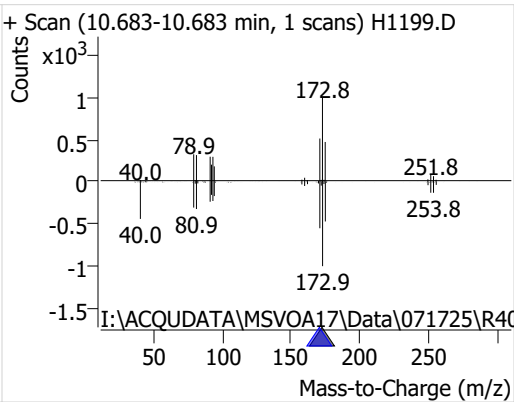




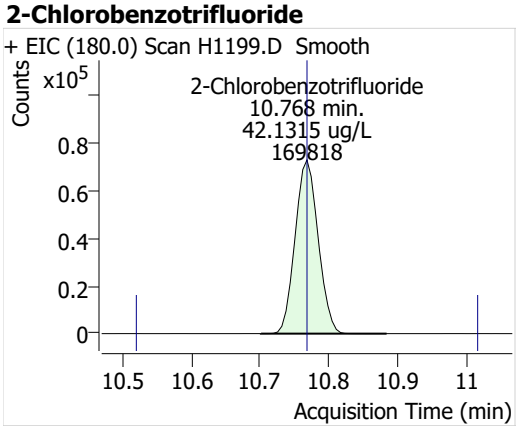
Bromoform

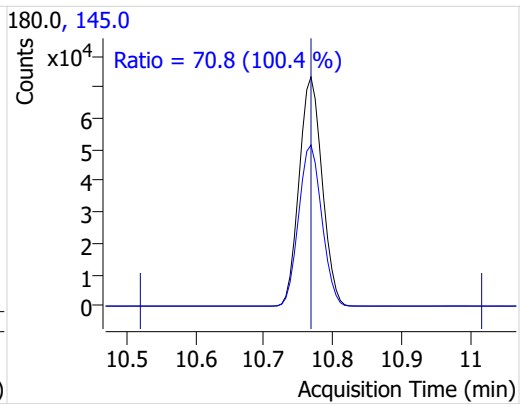


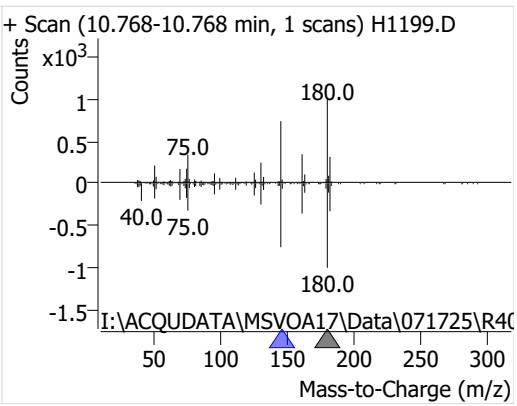




2-Chlorobenzotrifluoride

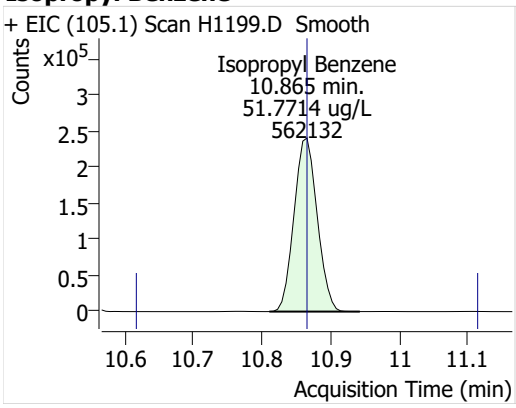


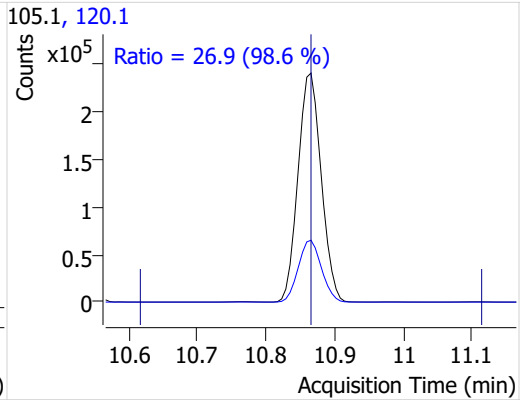


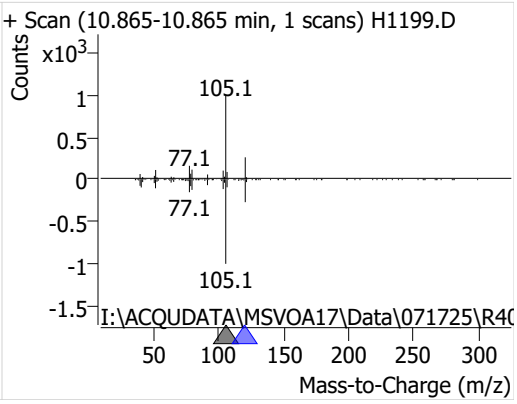


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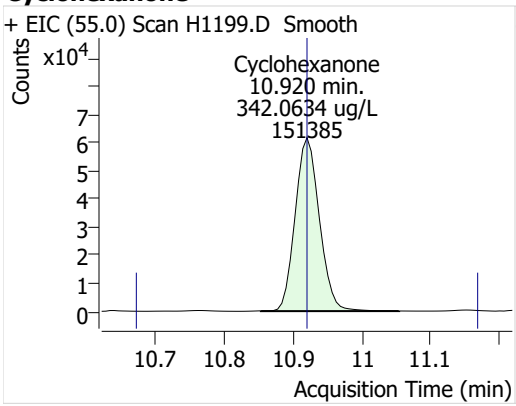
Isopropyl Benzene

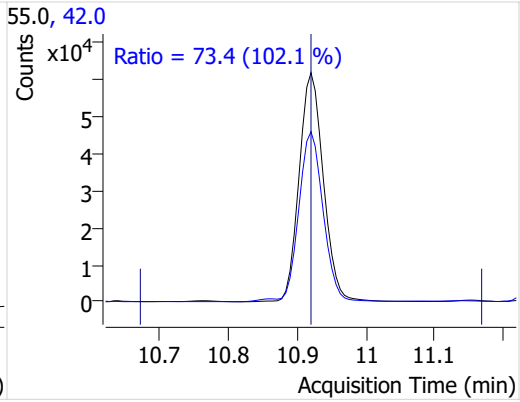


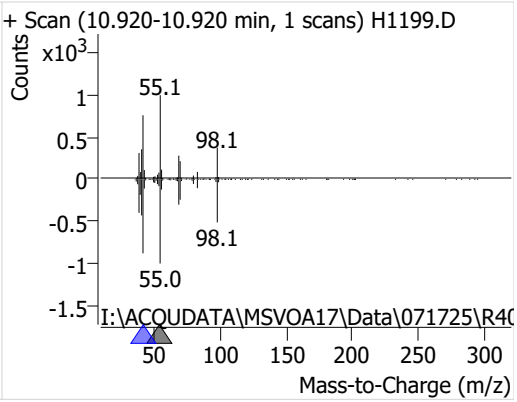




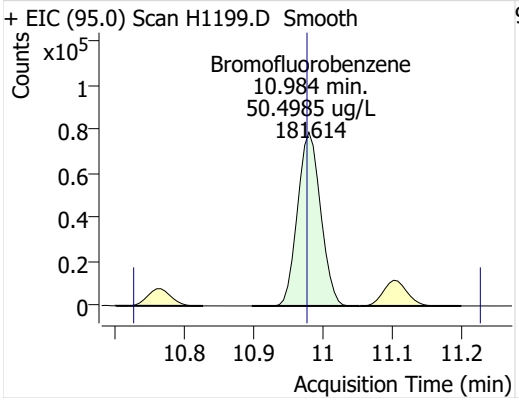
Cyclohexanone

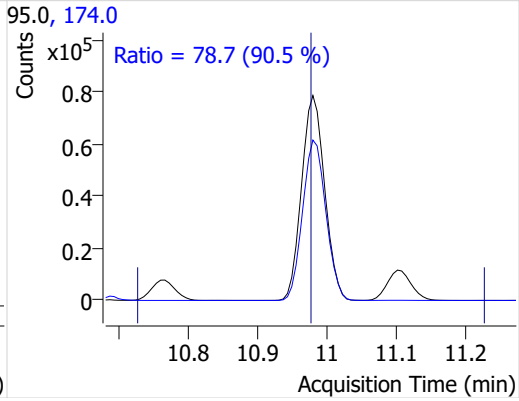


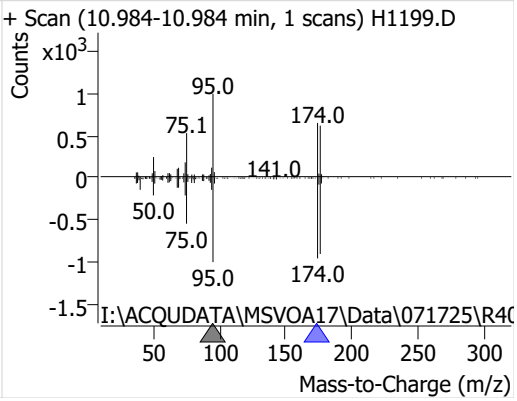




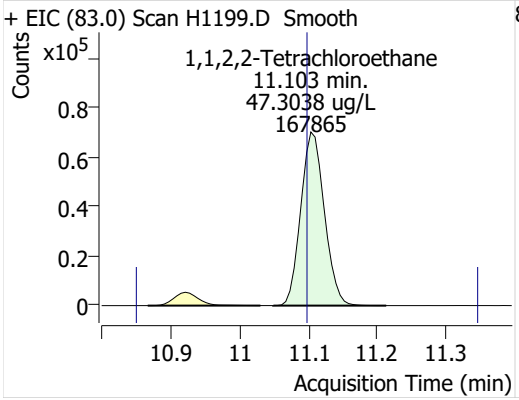
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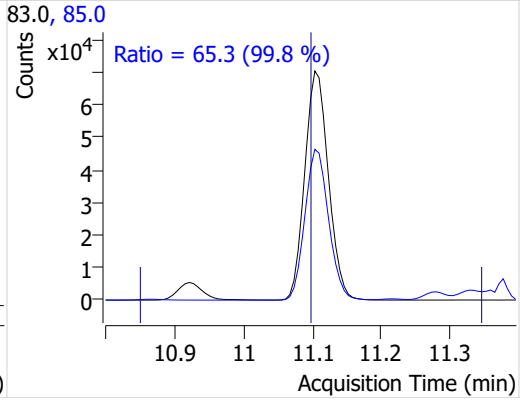


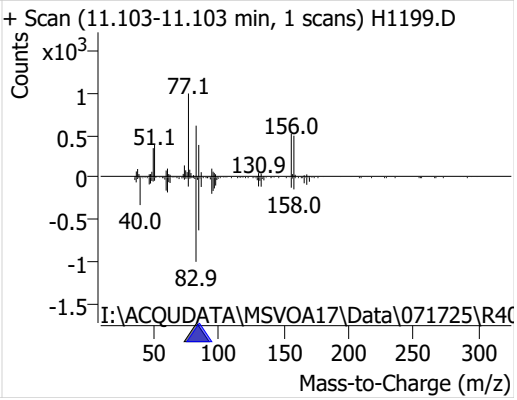




1,1,2,2-Tetrachloroethane

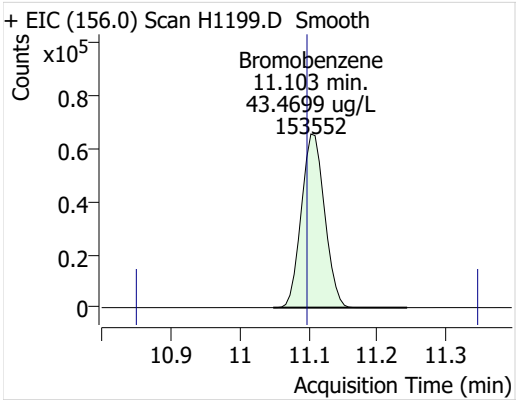


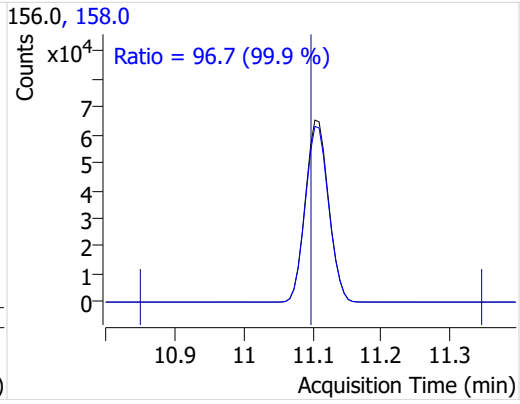


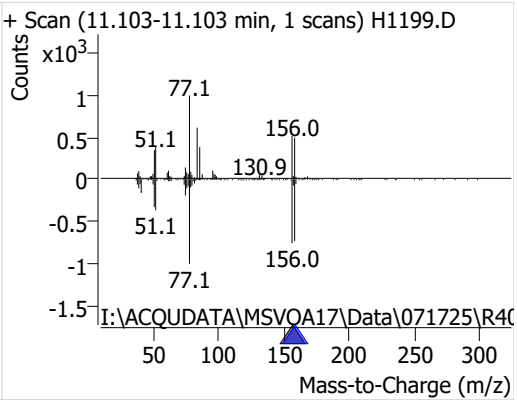


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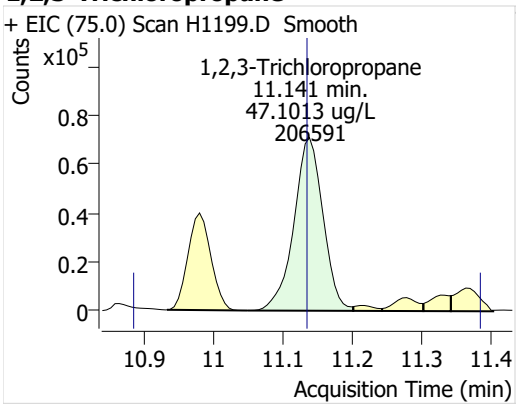
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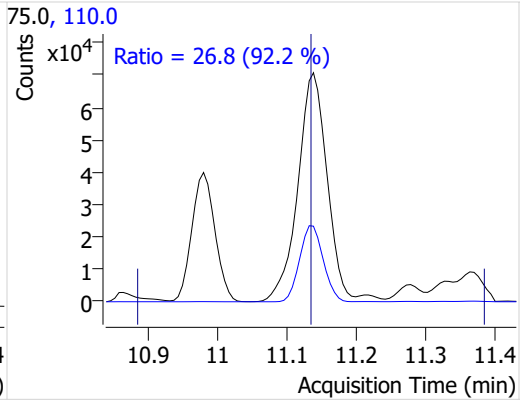


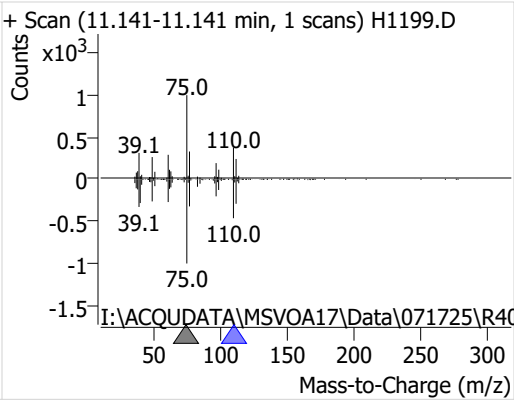




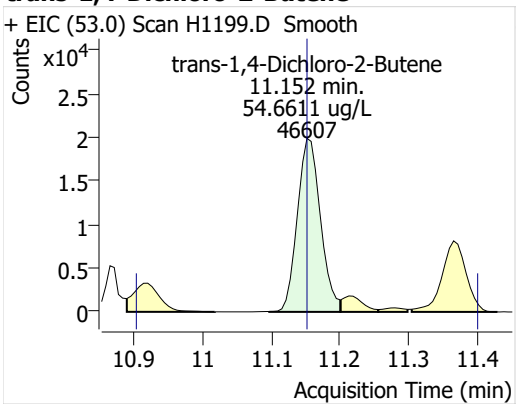
1,2,3-Trichloropropane

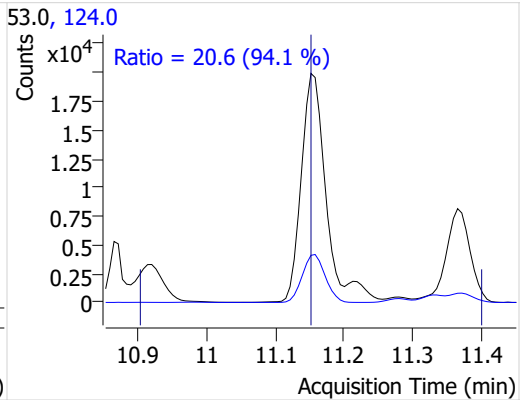


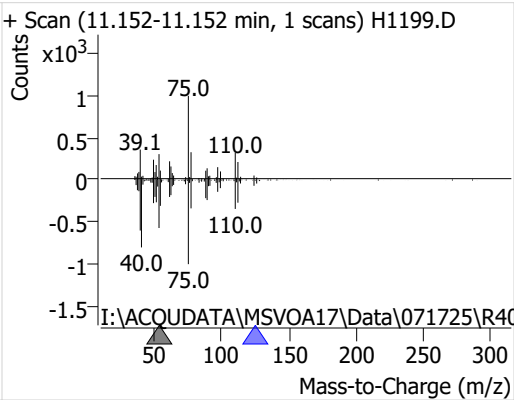




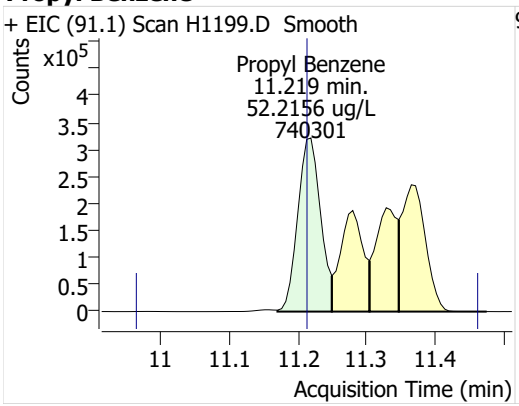
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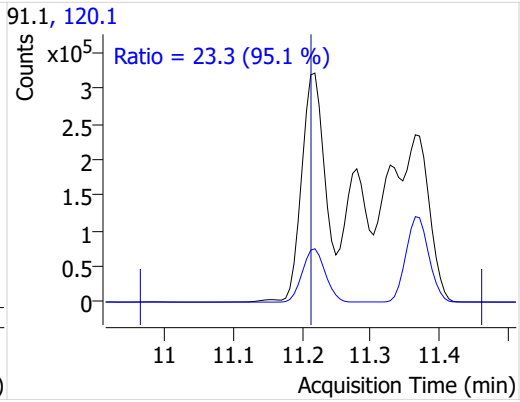


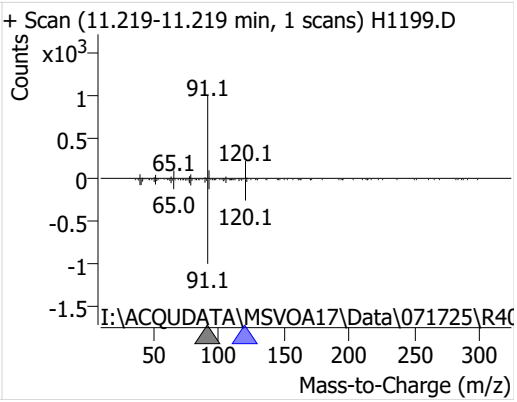




Propyl Benzene

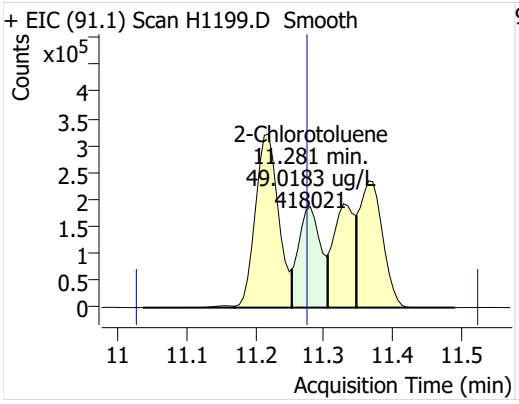


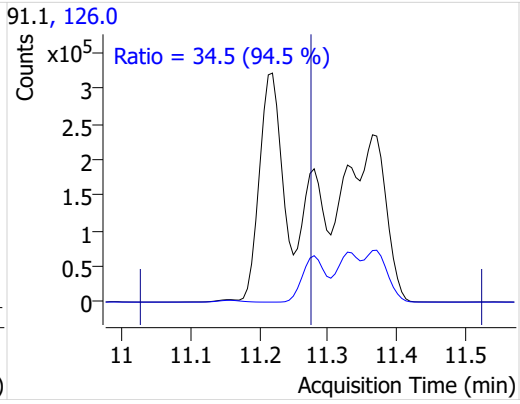


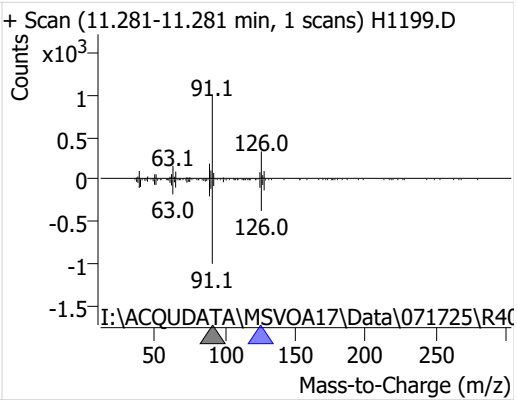


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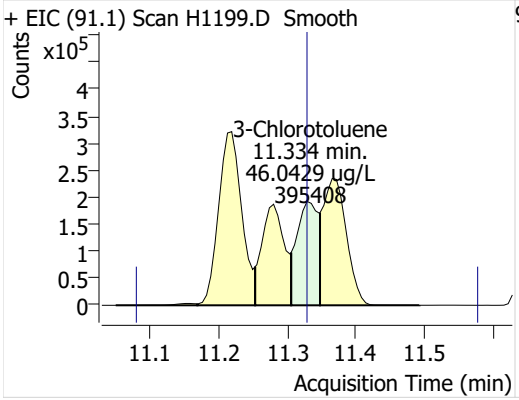
2-Chlorotoluene

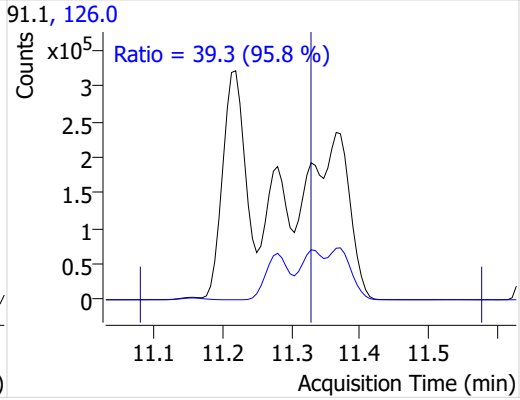


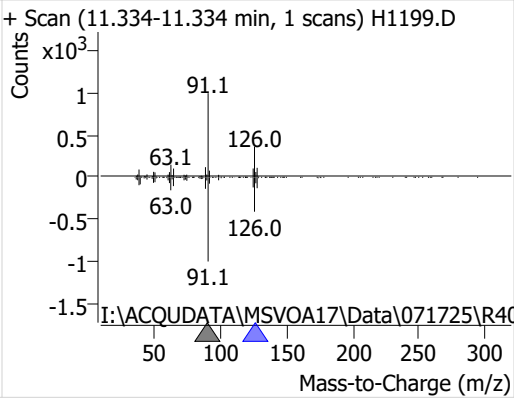




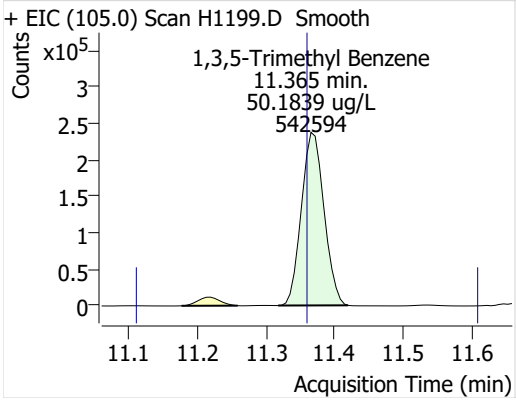
3-Chlorotoluene

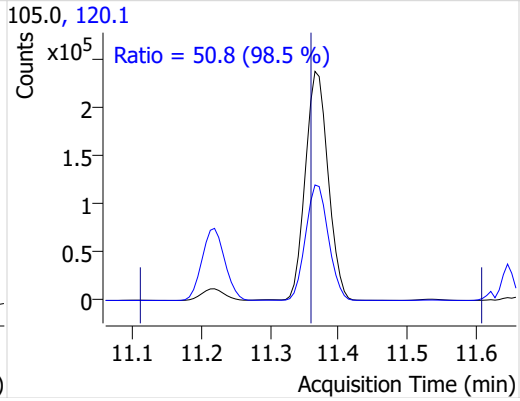


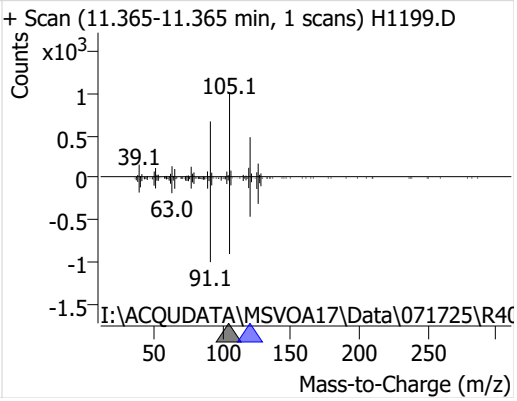




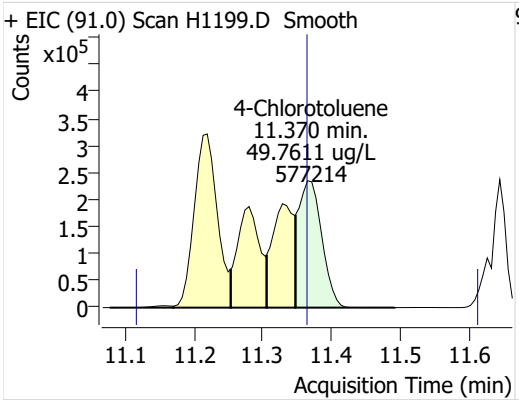
1,3,5-Trimethyl Benzene

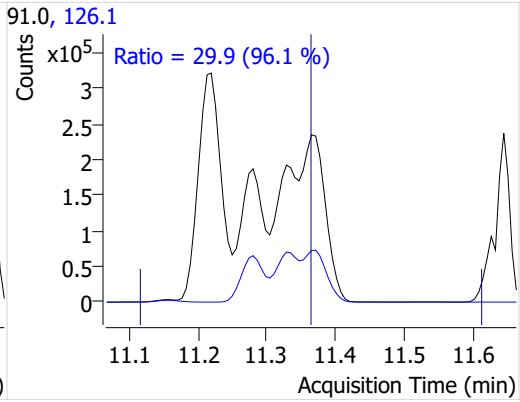


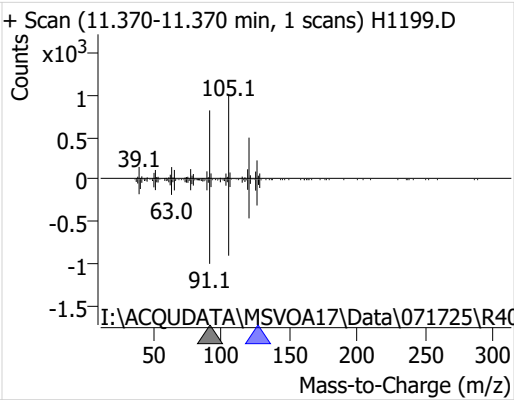




4-Chlorotoluene

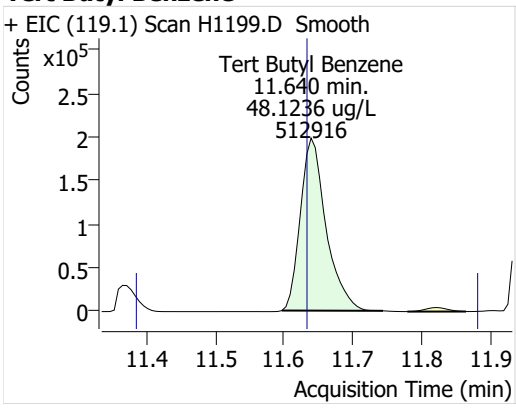


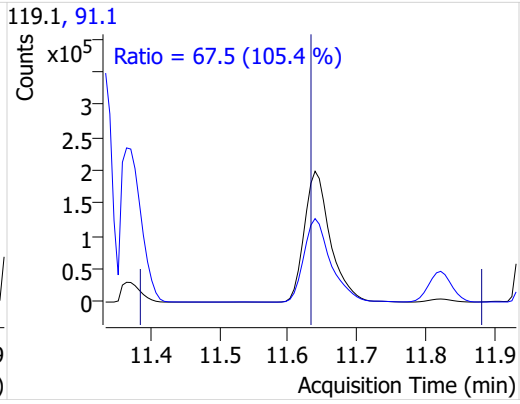


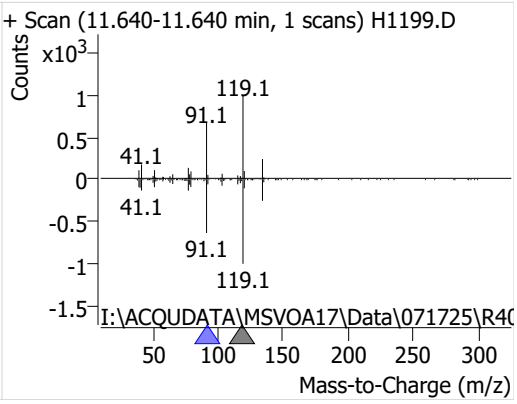


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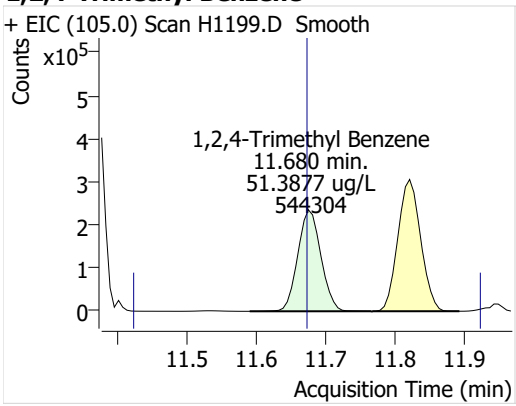
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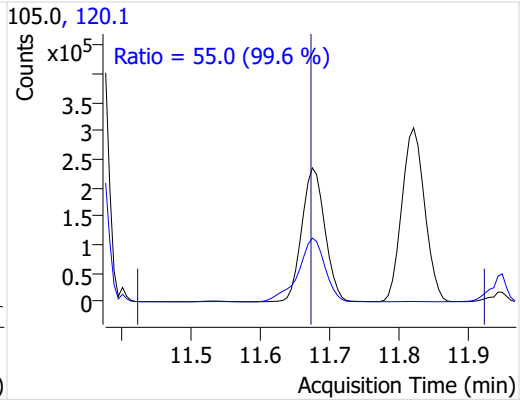


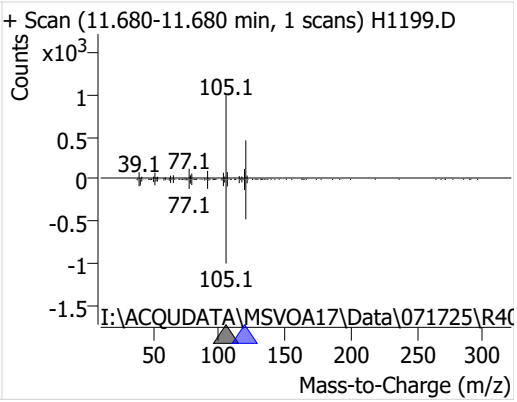




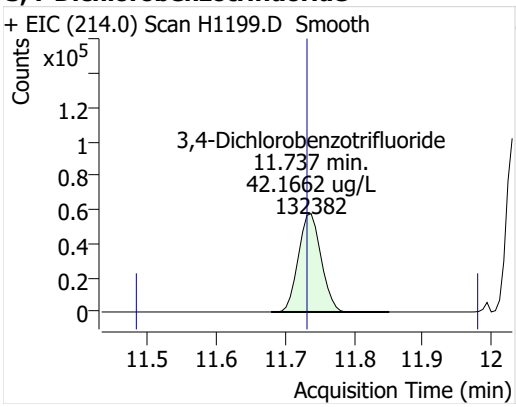
1,2,4-Trimethyl Benzene

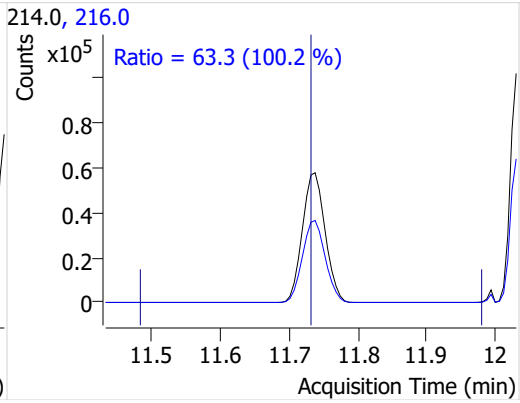


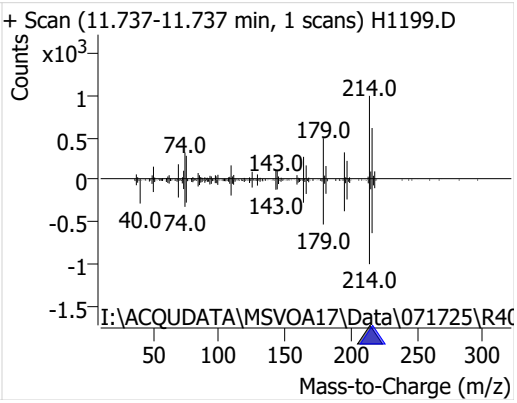




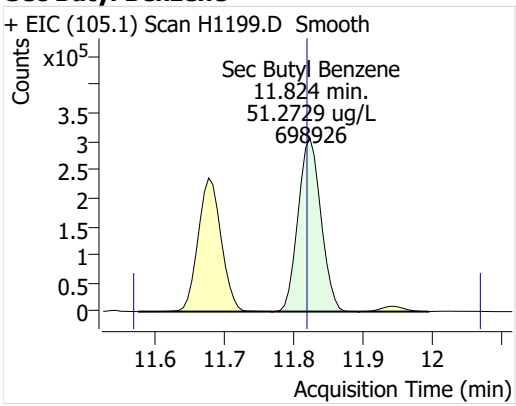
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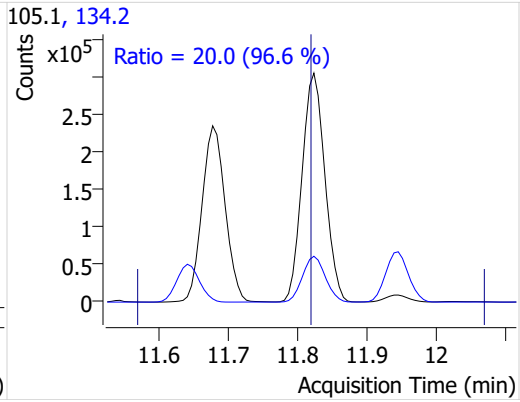


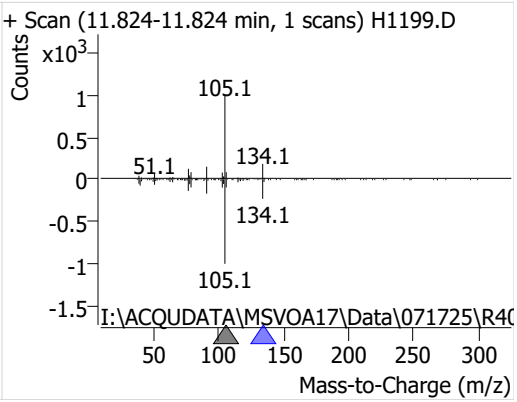




Sec Butyl Benzene

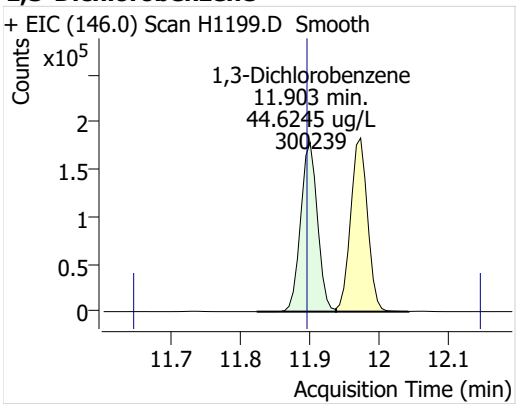


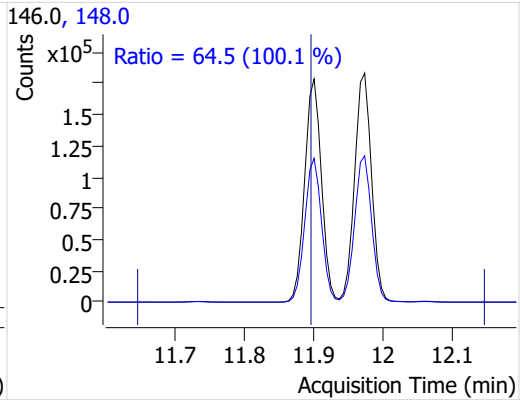


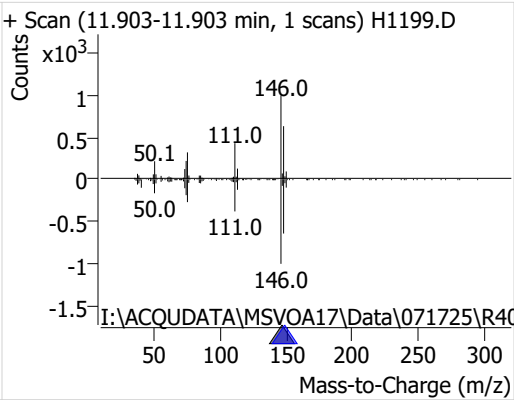


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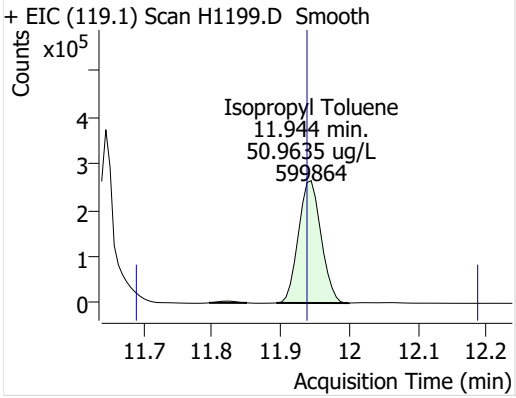
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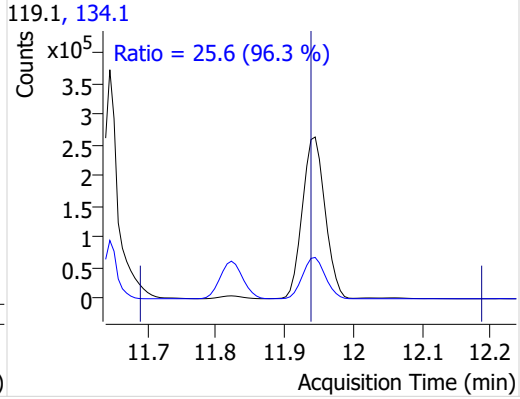


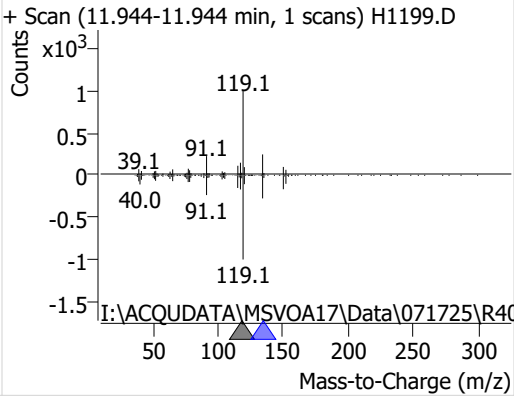




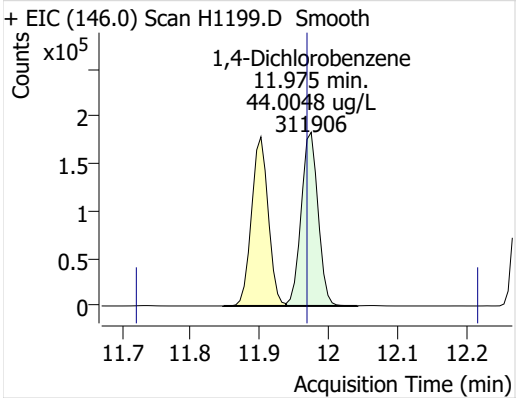
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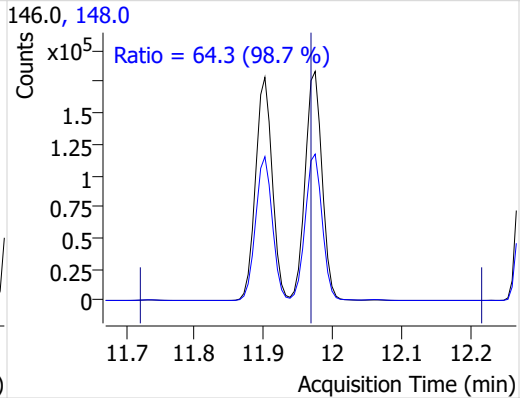


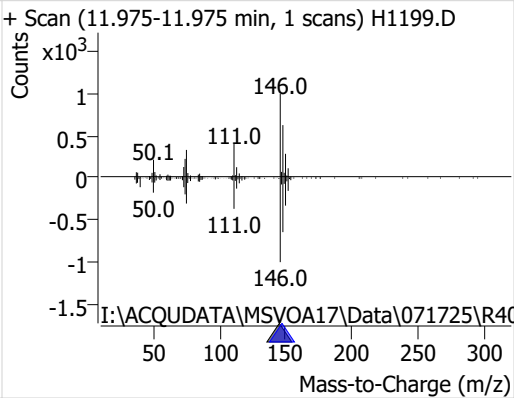




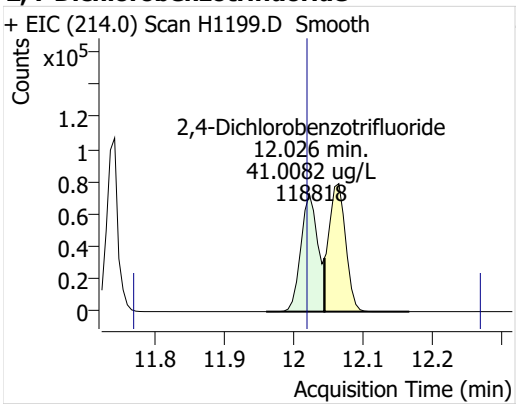
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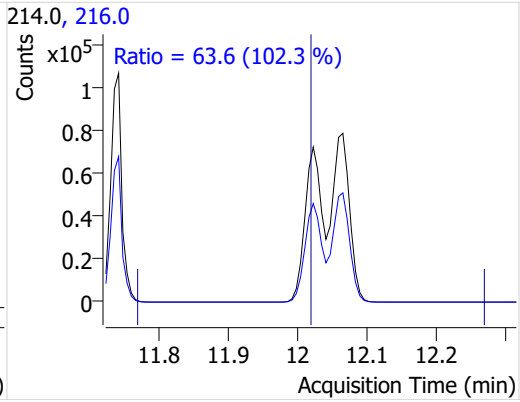


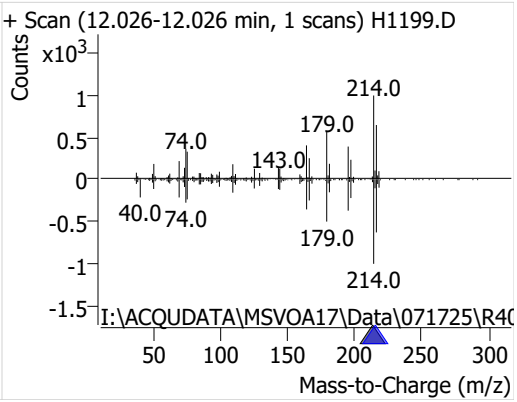




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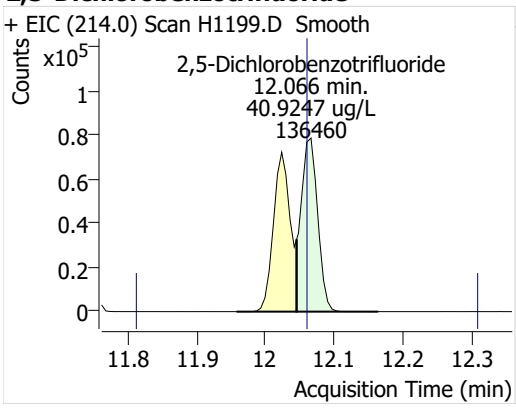


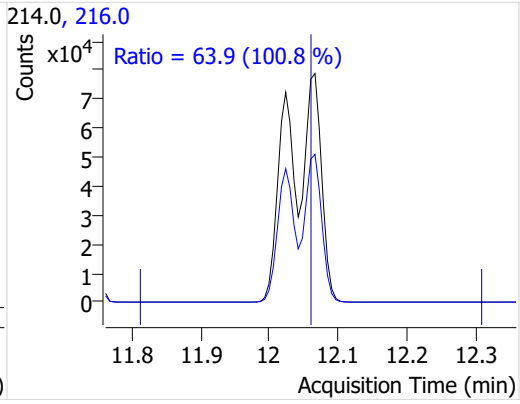


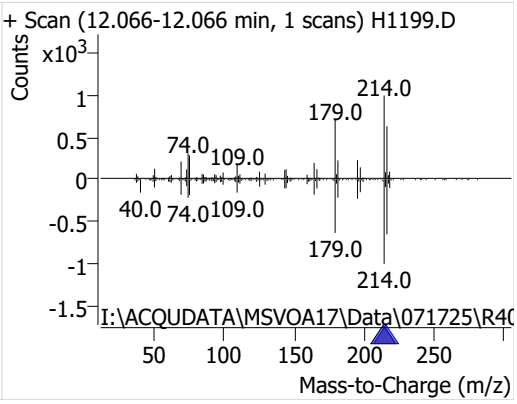


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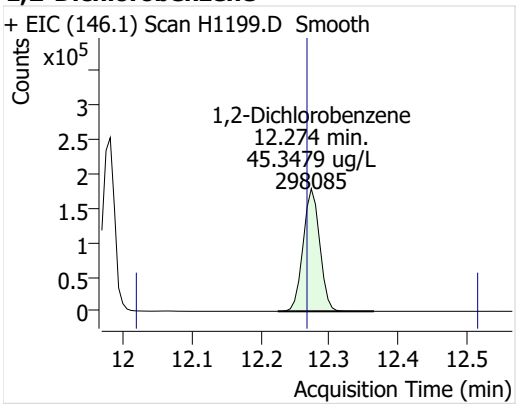
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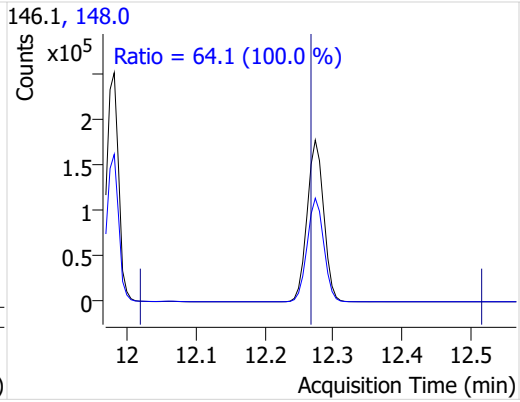


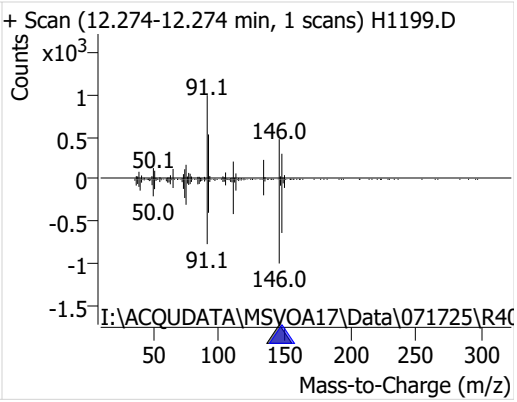




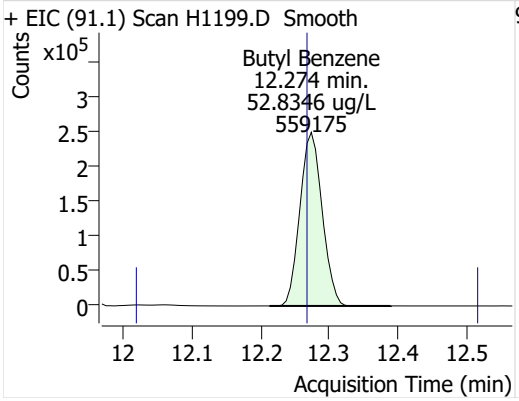
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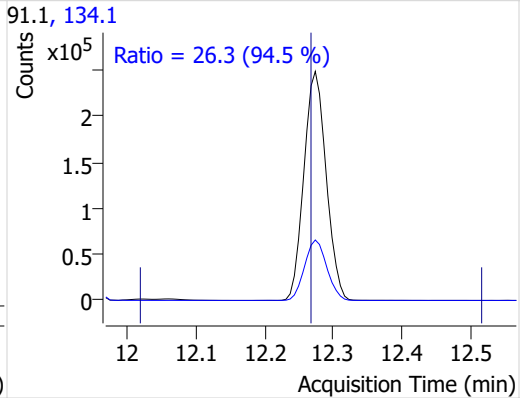


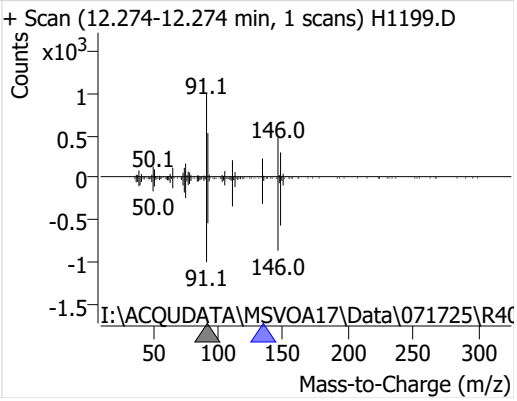




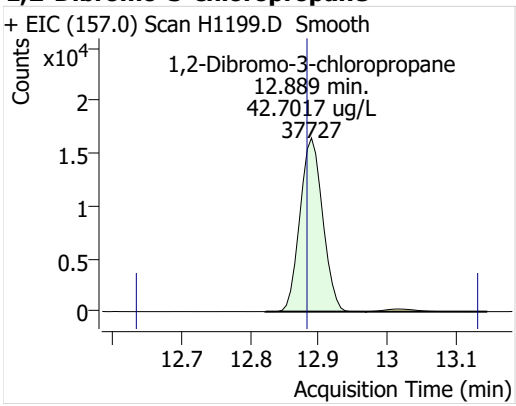
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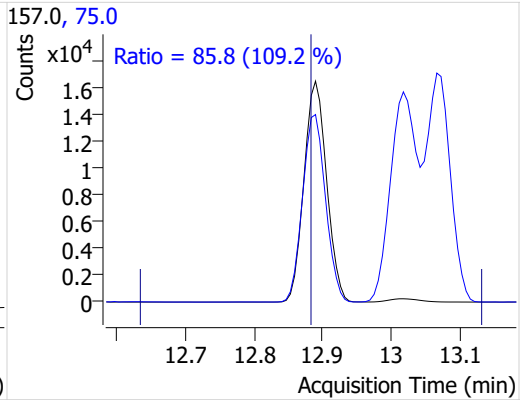


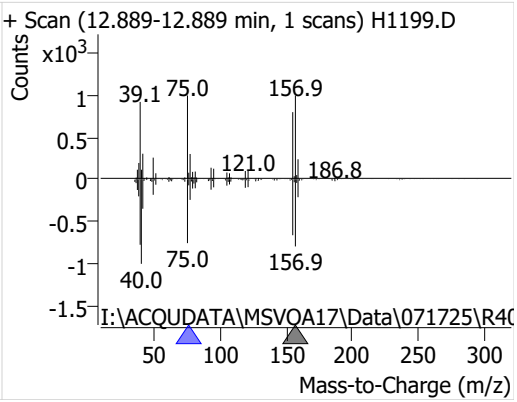




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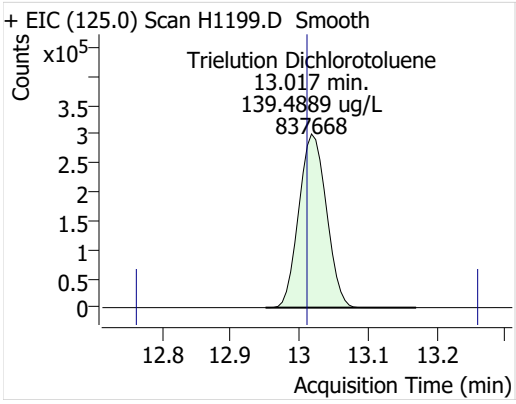


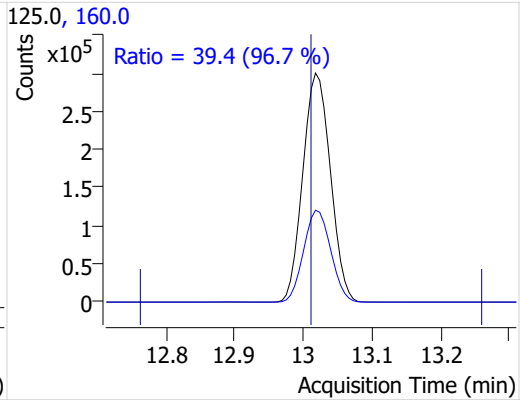


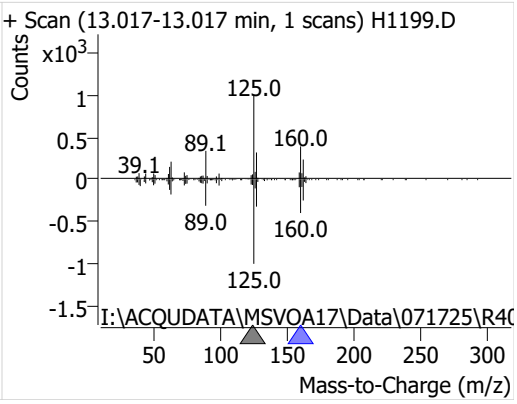


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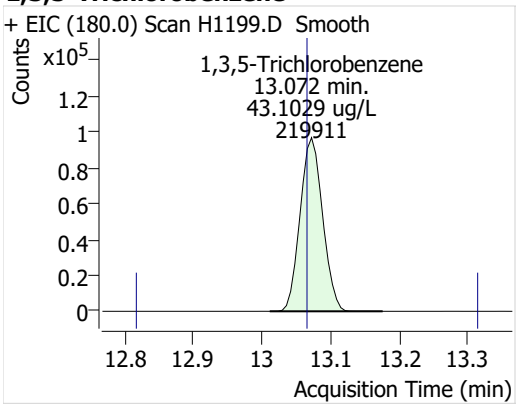
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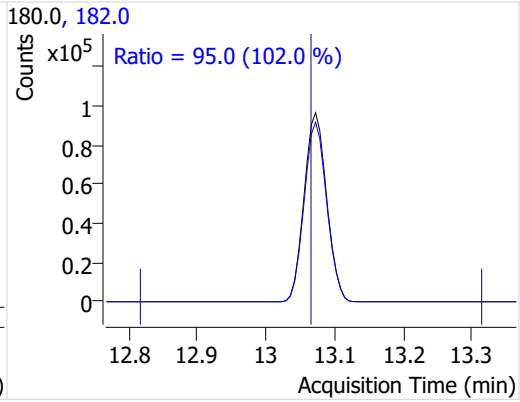


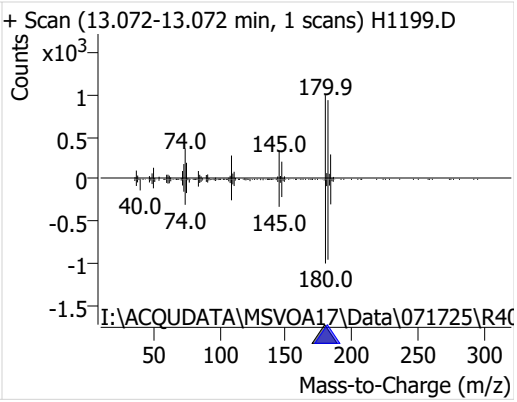




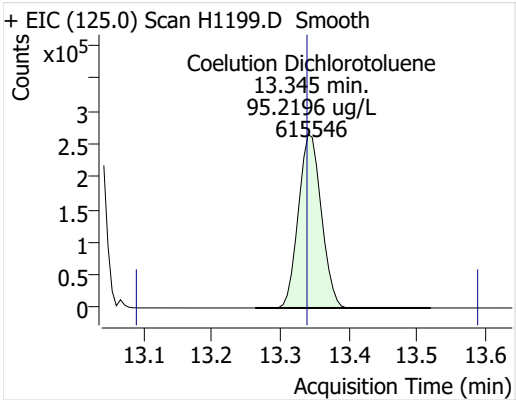
1,3,5-Trichlorobenzene

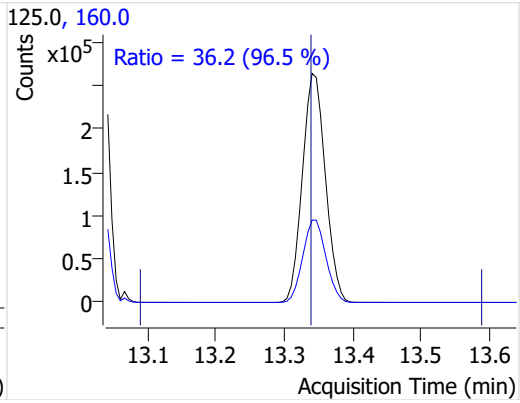


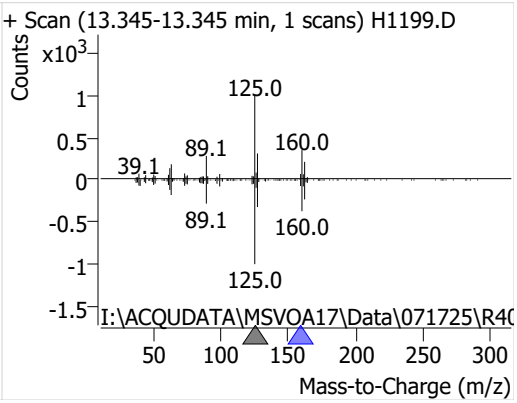




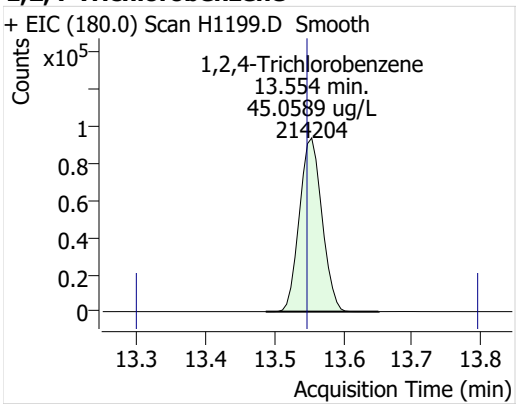
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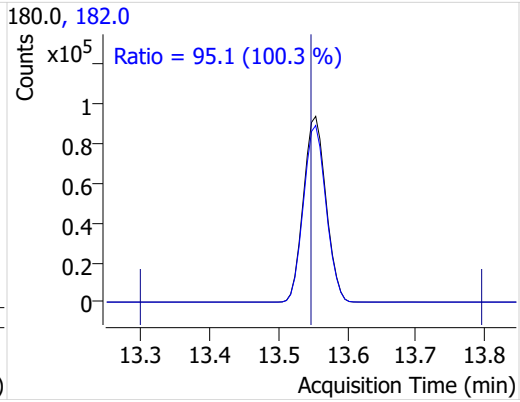


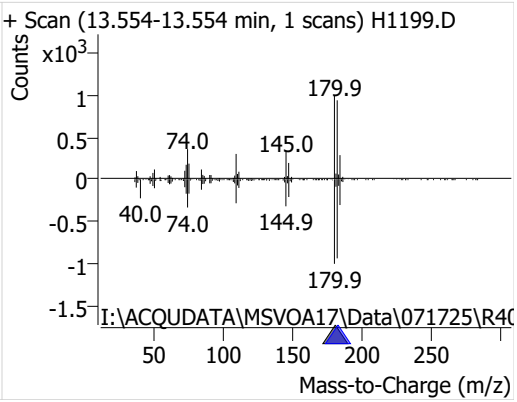




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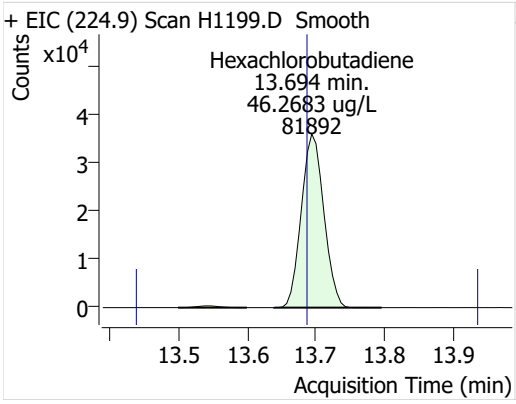


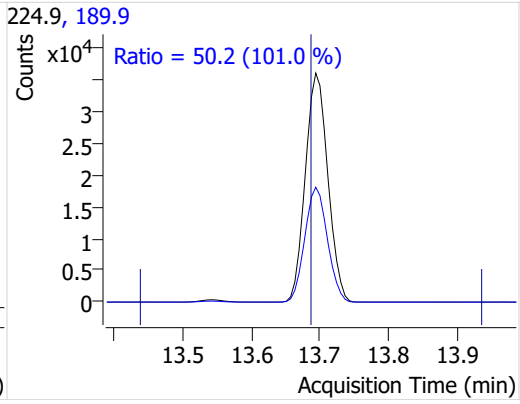


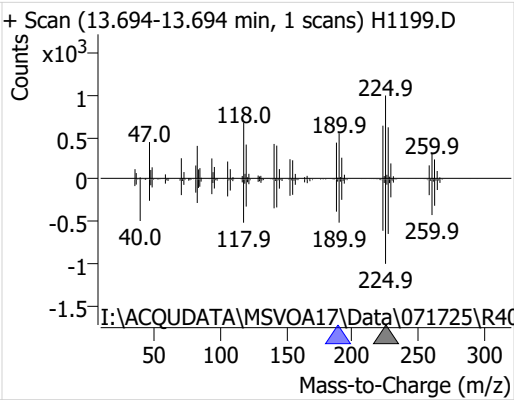


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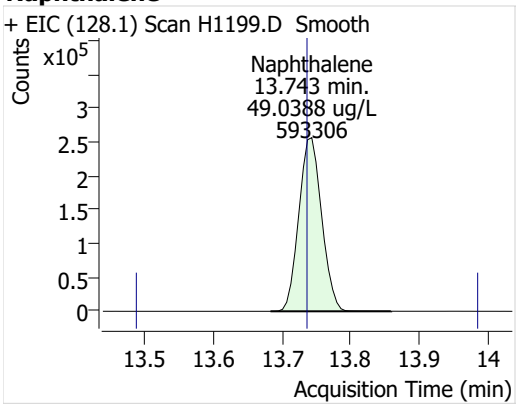
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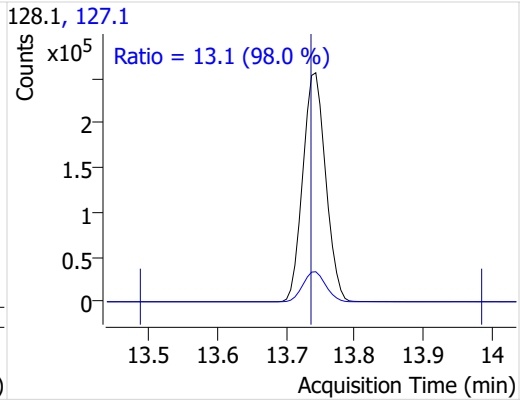


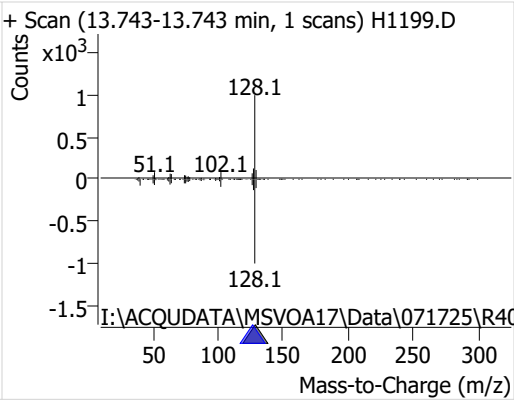




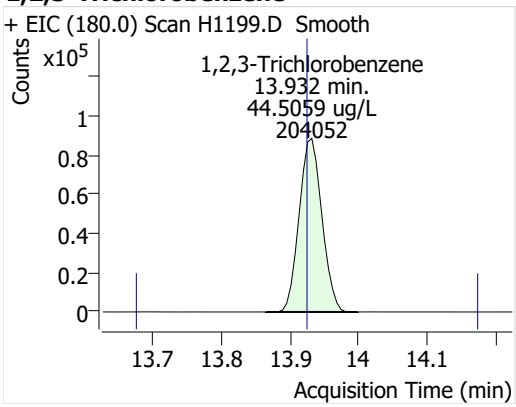
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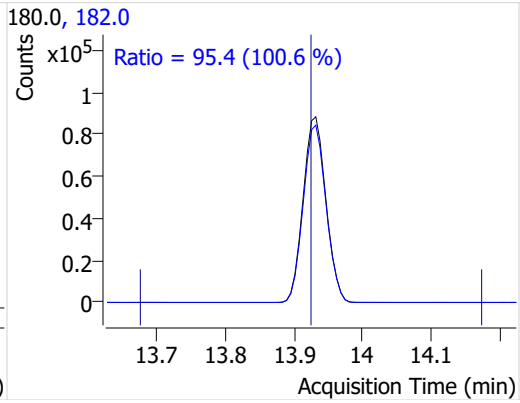


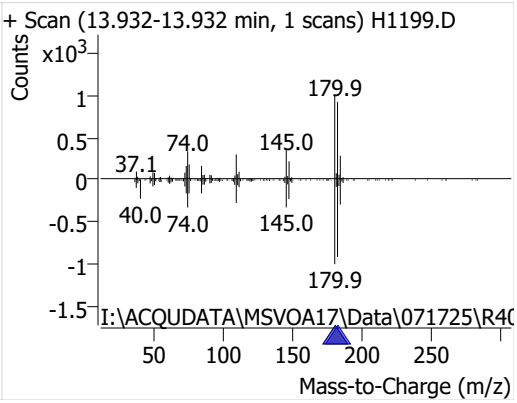




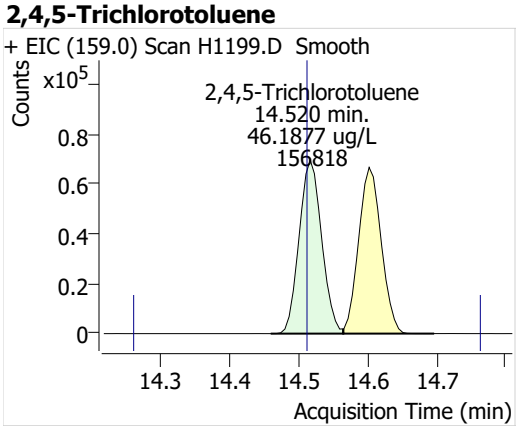
1,2,3-Trichlorobenzene

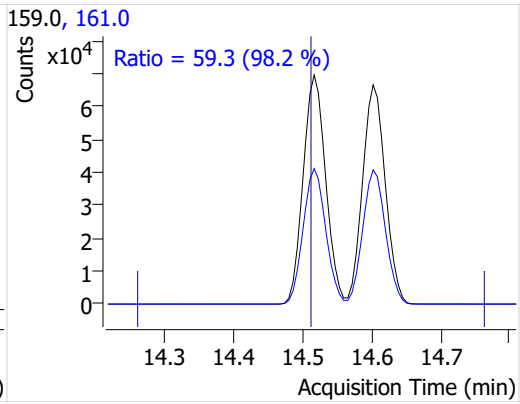


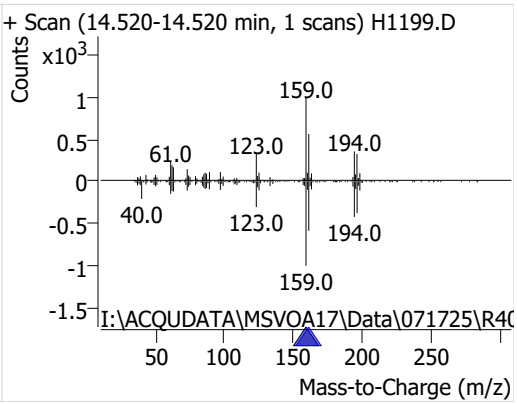




2,4,5-Trichlorotoluene

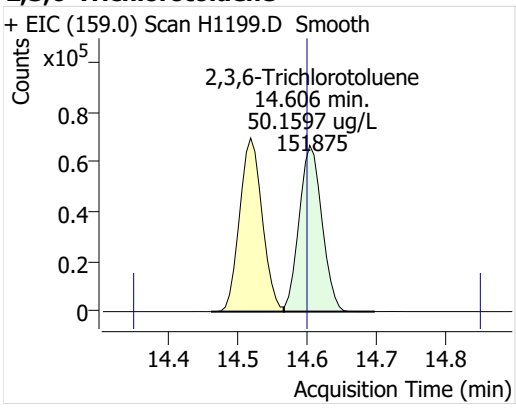


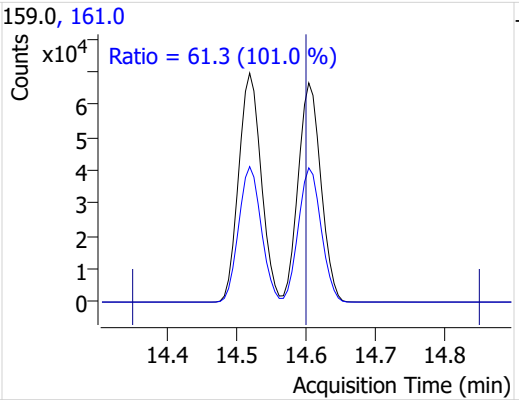


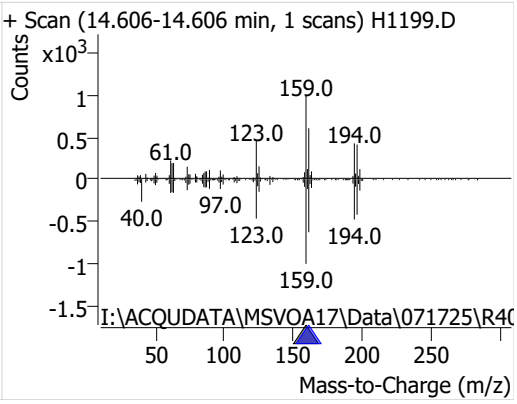


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







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Level name	Injection Time	Calibration Files
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1	9/8/2025 3:16:37 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D
2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
100	9/8/2025 5:10:31 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D
150	9/8/2025 5:33:24 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D
200	9/8/2025 5:56:11 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0757.D
50	9/8/2025 7:04:36 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	248913	114.34	M
1,4-Difluorobenzene	360674	354457	416924	117.62	M
Chlorobenzene-d5	314511	309932	369002	119.06	M
1,4-Dichlorobenzene D4	183727	183815	223511	121.60	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.627	50.00	51.14	-2.29	127.47	Avg RF
Chlorodifluoromethane	-	0.609	0.676	50.00	55.55	-11.10	139.73	Avg RF
Chloromethane	-	0.558	0.623	50.00	55.84	-11.67	138.73	Avg RF
Vinyl Chloride	-	0.653	0.661	50.00	50.60	-1.19	127.71	Avg RF
Bromomethane	-	0.9905	0.3804	50.00	38.22	23.56 #	107.83	Linear
Chloroethane	-	0.478	0.445	50.00	46.47	7.06	129.54	Avg RF
Fluorodichloromethane	-	0.985	0.999	50.00	50.72	-1.43	129.36	Avg RF
Trichlorofluoromethane	-	0.892	0.855	50.00	47.94	4.12	122.58	Avg RF
Freon 123a	-	0.531	0.486	50.00	45.76	8.49	118.52	Avg RF
Diethyl Ether	-	0.458	0.459	50.00	50.18	-0.37	118.77	Avg RF
Freon 123	-	0.799	0.766	50.00	47.90	4.20	125.02	Avg RF
Acrolein	-	0.032	0.063	250.00	488.45	-95.38 #	221.19	Avg RF
1,1-Dichloroethene	-	0.809	0.836	50.00	51.63	-3.27	130.25	Avg RF
Freon 113	-	0.557	0.539	50.00	48.39	3.22	130.34	Avg RF
Acetone	-	0.224	0.212	50.00	47.34	5.32	115.64	Avg RF
Iodomethane	-	0.9960	0.6344	50.00	47.07	5.86	112.30	Linear
2-Propanol	-	0.033	0.031	1000.00	934.23	6.58	122.71	Avg RF
Carbon Disulfide	-	1.356	1.402	50.00	51.71	-3.43	130.29	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.203	300.00	335.21	-11.74	145.10	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.24	-2.48	135.44	Avg RF
Methylene Chloride	-	0.543	0.507	50.00	46.70	6.61	114.27	Avg RF
TBA	-	0.051	0.045	1000.00	897.69	10.23	105.71	Avg RF
Acrylonitrile	-	0.230	0.248	250.00	269.32	-7.73	125.01	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.752	50.00	52.48	-4.96	131.00	Avg RF
MTBE	-	1.496	1.452	50.00	48.51	2.98	110.94	Avg RF
1,1-Dichloroethane	-	0.918	0.932	50.00	50.78	-1.57	126.92	Avg RF
Vinyl Acetate	-	0.774	0.845	50.00	54.56	-9.12	125.30	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.441	50.00	51.17	-2.34	122.41	Avg RF
Diisopropyl ether	-	1.567	1.767	50.00	56.38	-12.77	133.93	Avg RF
ETBE	-	1.467	1.513	50.00	51.60	-3.19	120.08	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.556	50.00	48.54	2.92	116.30	Avg RF
2,2-Dichloropropane	-	0.685	0.646	50.00	47.11	5.78	117.19	Avg RF
2-Butanone	-	0.281	0.278	50.00	49.41	1.18	121.91	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.093	250.00	262.04	-4.82	123.61	Avg RF
Bromochloromethane	-	0.402	0.358	50.00	44.47	11.06	105.89	Avg RF
Methylacrylonitrile	-	0.230	0.242	50.00	52.51	-5.01	117.60	Avg RF
Tetrahydrofuran	-	0.171	0.184	50.00	53.86	-7.73	128.47	Avg RF
Chloroform	-	0.944	0.912	50.00	48.33	3.35	122.02	Avg RF
1,1,1-Trichloroethane	-	0.774	0.763	50.00	49.25	1.50	123.11	Avg RF
TAME	-	1.361	1.325	50.00	48.70	2.61	110.84	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.310	50.00	48.08	3.83	106.98	Avg RF
Cyclohexane	-	0.9954	0.4718	50.00	50.84	-1.69	124.67	Quadratic
Carbon Tetrachloride	-	0.428	0.402	50.00	47.05	5.90	120.13	Avg RF
1,1-Dichloropropene	-	0.398	0.384	50.00	48.33	3.34	126.95	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.403	50.00	54.15	-8.30	121.56	Avg RF
Benzene	-	1.197	1.162	50.00	48.55	2.91	121.77	Avg RF
1,2-Dichloroethane	-	0.463	0.471	50.00	50.94	-1.87	120.64	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0122	1000.00	1045.52	-4.55	123.11	Quadratic
n-Heptane	-	0.9904	0.4791	50.00	57.41	-14.81	149.85	Quadratic
Trichloroethene	-	0.368	0.334	50.00	45.38	9.24	116.25	Avg RF
1-Butanol	-	0.008	0.008	2500.00	2543.73	-1.75	121.65	Avg RF
Methylcyclohexane	-	0.434	0.474	50.00	54.59	-9.17	141.18	Avg RF
1,2-Dichloropropane	-	0.329	0.331	50.00	50.30	-0.61	123.22	Avg RF
Dibromomethane	-	0.235	0.200	50.00	42.63	14.73	106.50	Avg RF
1,4-Dioxane	-	0.005	0.004	1000.00	872.82	12.72	107.44	Avg RF
Methyl Methacrylate	-	0.226	0.221	50.00	48.88	2.24	114.53	Avg RF
Bromodichloromethane	-	0.436	0.417	50.00	47.73	4.53	116.84	Avg RF
2-Nitropropane	-	0.9991	0.1099	100.00	102.40	-2.40	122.19	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.125	50.00	63.68	-27.35 #	143.20	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.410	50.00	47.23	5.55	113.01	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.341	50.00	53.67	-7.35	136.96	Avg RF
Toluene-d8	-	1.246	1.248	50.00	50.07	-0.13	113.36	Avg RF
Toluene	-	1.310	1.290	50.00	49.26	1.47	123.77	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.360	50.00	47.15	5.70	113.19	Avg RF
Ethyl Methacrylate	-	0.398	0.393	50.00	49.38	1.24	113.78	Avg RF
1,1,2-Trichloroethane	-	0.302	0.290	50.00	48.03	3.93	113.99	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.339	50.00	44.87	10.25	119.24	Avg RF
1,3-Dichloropropane	-	0.578	0.562	50.00	48.61	2.78	119.58	Avg RF
2-Hexanone	-	0.141	0.134	50.00	47.33	5.35	123.28	Avg RF
Dibromochloromethane	-	0.403	0.380	50.00	47.19	5.62	114.56	Avg RF
N-Butyl Acetate	-	0.540	0.571	50.00	52.95	-5.89	131.90	Avg RF
1,2-Dibromoethane	-	0.336	0.328	50.00	48.82	2.36	119.63	Avg RF
Chlorobenzene	-	1.047	0.976	50.00	46.59	6.81	119.00	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.452	50.00	41.46	17.08	112.57	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.429	50.00	41.44	17.13	112.11	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.356	50.00	48.79	2.42	118.84	Avg RF
Ethylbenzene	-	1.620	1.636	50.00	50.49	-0.99	127.59	Avg RF
m,p-Xylene	-	1.220	1.274	100.00	104.45	-4.45	126.80	Avg RF
o-Xylene	-	1.303	1.318	50.00	50.58	-1.16	126.14	Avg RF
Styrene	-	1.095	1.071	50.00	48.90	2.21	118.43	Avg RF
Bromoform	-	0.246	0.230	50.00	46.67	6.66	113.71	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.460	50.00	42.13	15.74	114.35	Avg RF
Isopropyl Benzene	-	1.471	1.523	50.00	51.77	-3.54	127.75	Avg RF
Cyclohexanone	-	0.9999	0.0205	1000.00	342.06	65.79 #	36.74	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.126	50.00	54.66	-9.32	128.22	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.813	50.00	50.50	-1.00	123.32	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.751	50.00	47.30	5.39	119.00	Avg RF
Bromobenzene	-	0.790	0.687	50.00	43.47	13.06	111.12	Avg RF
1,2,3-Trichloropropane	-	0.981	0.924	50.00	47.10	5.80	122.41	Avg RF
Propyl Benzene	-	3.172	3.312	50.00	52.22	-4.43	131.55	Avg RF
2-Chlorotoluene	-	1.908	1.870	50.00	49.02	1.96	128.71	Avg RF
3-Chlorotoluene	-	1.921	1.769	50.00	46.04	7.91	121.81	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.428	50.00	50.18	-0.37	126.86	Avg RF
4-Chlorotoluene	-	2.595	2.582	50.00	49.76	0.48	126.70	Avg RF
Tert Butyl Benzene	-	2.384	2.295	50.00	48.12	3.75	125.37	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.435	50.00	51.39	-2.78	125.50	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.592	50.00	42.17	15.67	112.28	Avg RF
Sec Butyl Benzene	-	3.049	3.127	50.00	51.27	-2.55	130.98	Avg RF
1,3-Dichlorobenzene	-	1.505	1.343	50.00	44.62	10.75	118.59	Avg RF
Isopropyl Toluene	-	2.633	2.684	50.00	50.96	-1.93	129.60	Avg RF
1,4-Dichlorobenzene	-	1.586	1.395	50.00	44.00	11.99	117.17	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.532	50.00	41.01	17.98	112.45	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.611	50.00	40.92	18.15	112.67	Avg RF
1,2-Dichlorobenzene	-	1.470	1.334	50.00	45.35	9.30	114.07	Avg RF
Butyl Benzene	-	2.368	2.502	50.00	52.83	-5.67	134.69	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.169	50.00	42.70	14.60	111.60	Avg RF
Trielution Dichlorotoluene	-	1.343	1.249	150.00	139.49	7.01	117.65	Avg RF
1,3,5-Trichlorobenzene	-	1.141	0.984	50.00	43.10	13.79	112.76	Avg RF
Coelution Dichlorotoluene	-	1.446	1.377	100.00	95.22	4.78	117.40	Avg RF
1,2,4-Trichlorobenzene	-	1.063	0.958	50.00	45.06	9.88	115.73	Avg RF
Hexachlorobutadiene	-	0.396	0.366	50.00	46.27	7.46	123.33	Avg RF
Naphthalene	-	2.707	2.654	50.00	49.04	1.92	115.12	Avg RF
1,2,3-Trichlorobenzene	-	1.026	0.913	50.00	44.51	10.99	111.45	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.702	50.00	46.19	7.62	108.50	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.679	50.00	50.16	-0.32	123.26	Avg RF

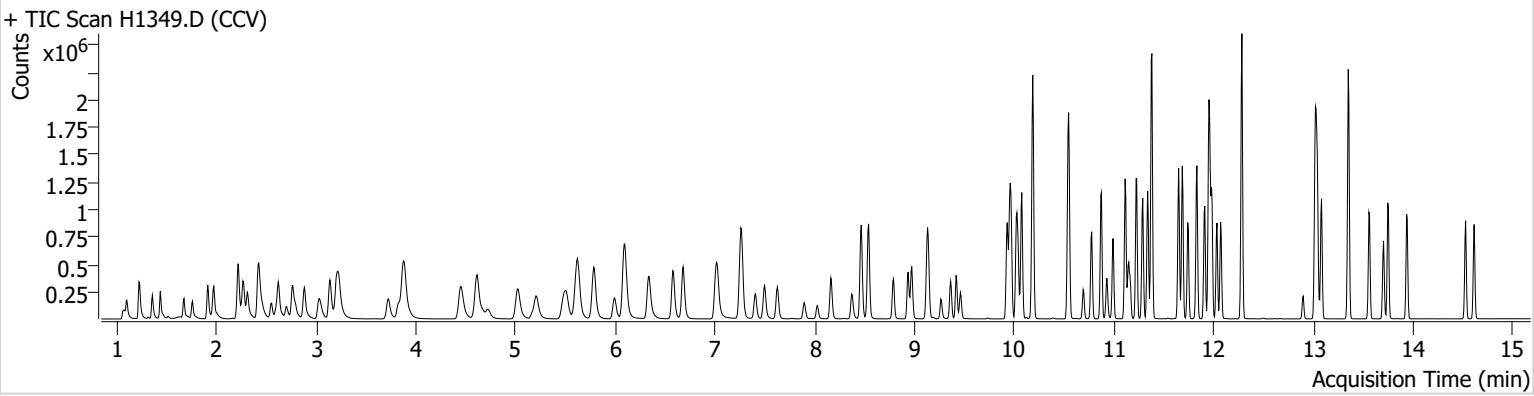
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 96% (111 of 115)

Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092425\QuantResults\092425.batch.bin

H1349.D

Acq. Date-Time	9/24/2025 11:29:22 AM	**Name**	CCV
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 5:45:28 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 5:45:42 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 5:29:15 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	276511	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	449794	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	385901	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.003	219190	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	140575	48.4782	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	541630	48.3260	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	183607	52.0589	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	181664	54.2778	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	168147	49.6086	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	179969	53.4584	ug/L
Chloromethane	50.100	0.241	0.000	1.353	0.001	185458	60.1285	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	189966	52.6034	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	104071	37.8123	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	121115	45.7727	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.001	267538	49.1274	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	235433	47.7443	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	131799	44.8471	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.000	126853	50.1267	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	207243	46.8987	ug/L
Acrolein	56.000	0.410	0.001	2.308	0.004	174533	979.6084	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	233901	52.2673	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	150039	48.7454	ug/L
Acetone	43.000	0.437	0.000	2.455	0.000	58242	47.0956	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	168584	45.3191	ug/L
2-Propanol	45.000	0.463	0.001	2.604	0.003	183154	1010.8938	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	380874	50.8070	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	328804 LT	326.6537	ug/L
Methyl Acetate	43.000	0.495	0.000	2.785	0.001	128796	52.5025	ug/L

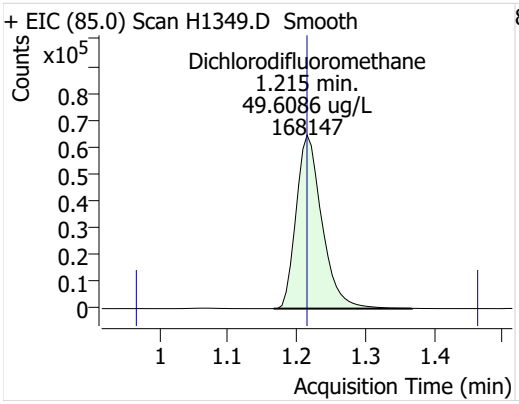
Masshunter Quantitative Analysis Sample Report

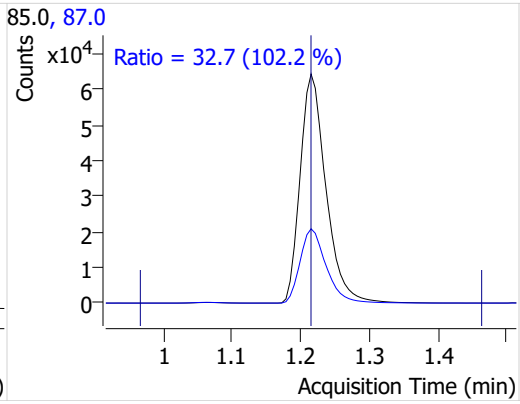
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	140813	46.8654	ug/L
TBA	59.000	0.538	0.000	3.026	0.000	269563	963.9191	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	353700	278.0646	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	212011	53.5300	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	406315	49.0973	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	262407	51.7128	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.821	0.001	245189	57.2600	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	122131	51.2495	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	524308	60.4930	ug/L
ETBE	59.000	0.791	0.001	4.447	0.003	434619	53.5853	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.001	153510	48.5019	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.003	182706	48.1959	ug/L
2-Butanone	43.000	0.830	0.001	4.669	0.004	78295	50.3103	ug/L
Propionitrile	54.000	0.838	0.001	4.714	0.006	134297	274.7255	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	99493	44.7445	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.019	0.002	66659	52.3505	ug/L
Tetrahydrofuran	42.000	0.919	0.001	5.165	0.005	51652	54.7159	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	249263	47.7587	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	212018	49.5117	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	214954	51.5000	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.002	188420	48.9906	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	184970	51.6974	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	544441	50.5756	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	211954	50.9118	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	122608	1145.5633	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	380400	50.5400	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.001	229809	60.9154	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	150222	45.4019	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	228374	3082.6175	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.003	213783	54.7767	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.263	0.000	153419	51.8261	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	90740	42.9466	ug/L
1,4-Dioxane	88.000	1.121	0.001	7.476	0.003	40099	920.3348	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	104520	51.4744	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	189379	48.2461	ug/L
2-Nitropropane	43.000	1.182	0.000	7.888	0.002	104669	107.6387	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.019	0.001	53280	60.3389	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	194092	49.7140	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	161002	56.2699	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	600341	50.9595	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.781	0.000	171997	50.1424	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	186685	52.1632	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	130744	48.1560	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	137972	47.3534	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	225958	50.6453	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	54915	50.3683	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	155628	50.0608	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	240636	57.7740	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	136471	52.6903	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	395157	48.8847	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.001	203348	48.3027	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	191537	47.9686	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	143746	51.0766	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	668047	53.4419	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	1039062	110.3459	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.001	535014	53.2144	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	433274	51.2828	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	94589	49.7428	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	198796	47.1611	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	625707	55.1031	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	123835	270.9163	ug/L

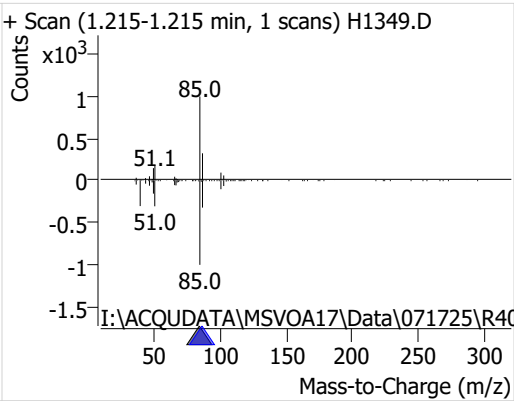
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	190509	54.7429	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	166894	48.1782	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.004	237076	55.1171	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	57550 BA	64.5405	ug/L
Propyl Benzene	91.100	0.939	0.000	11.219	0.006	815199	58.6318	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.006	463601	55.4348	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.005	475648	56.4781	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	591360	55.7724	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	626599	55.0834	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	578563	55.3528	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.006	600429	57.8040	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	156346	50.7810	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	766840	57.3640	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	323400	49.0146	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.945	0.006	645184	55.8943	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	339668	48.8662	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	141185	49.6884	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.005	159746	48.8528	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	322697	50.0599	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	624701	60.1896	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	42281	48.7995	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	977092	165.9132	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	251561	50.2782	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.006	710880	112.1347	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	228426	48.9978	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	88290	50.8663	ug/L
Naphthalene	128.100	1.149	0.000	13.737	0.001	651552	54.9147	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	220558	49.0544	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.519	0.007	179612	53.9438	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.605	0.007	156118	52.5776	ug/L

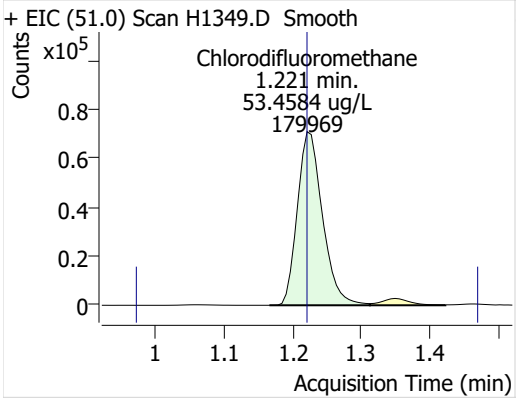
Dichlorodifluoromethane

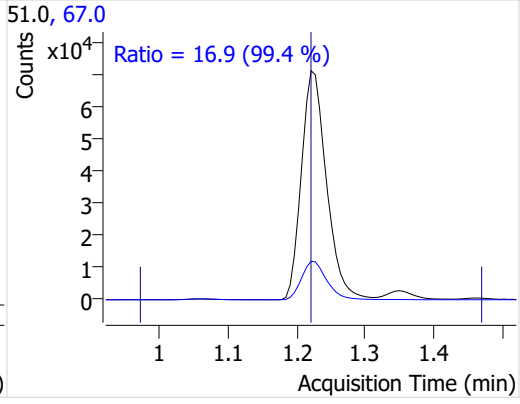


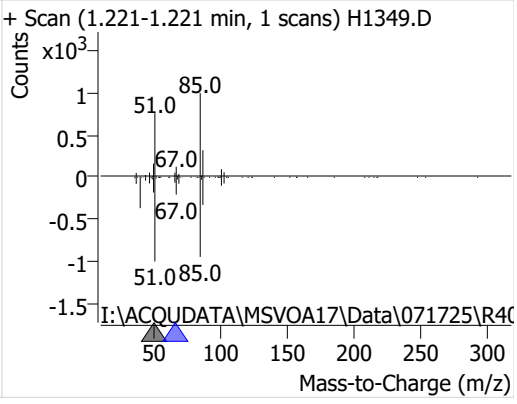




Chlorodifluoromethane

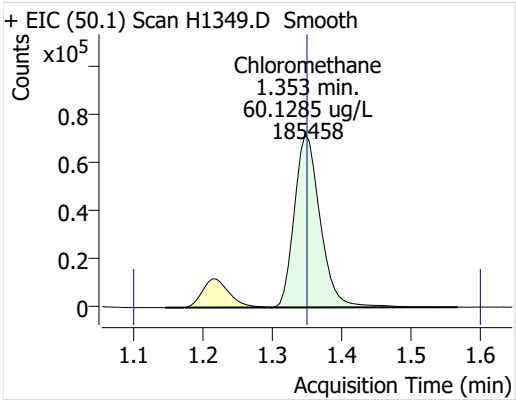


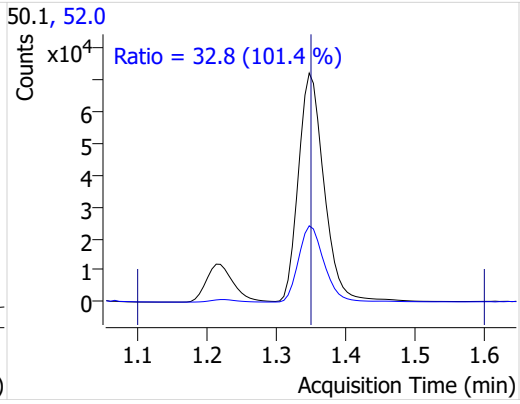


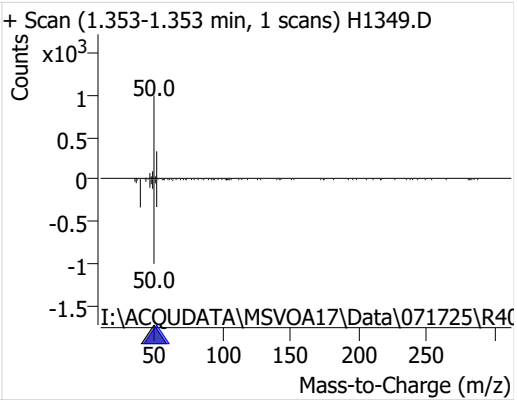


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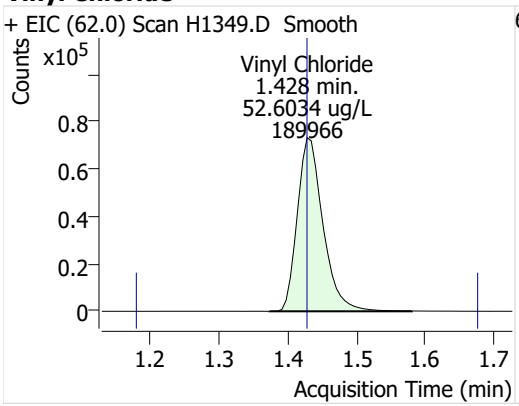
Chloromethane

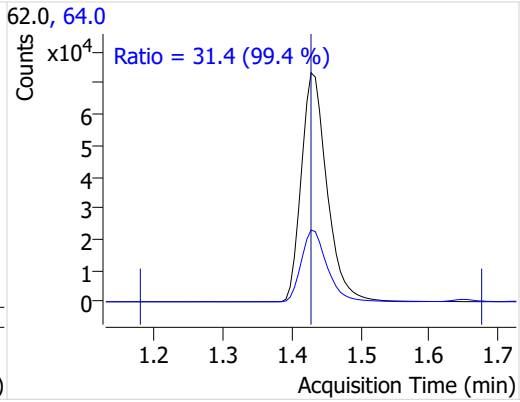


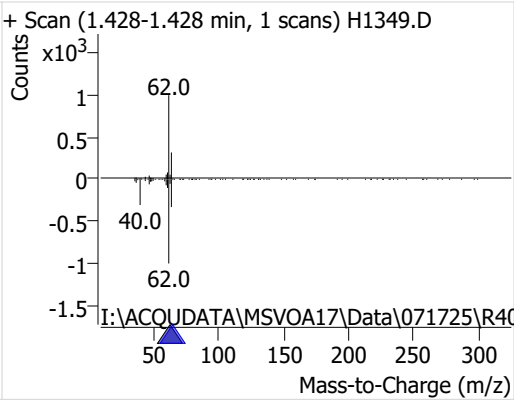




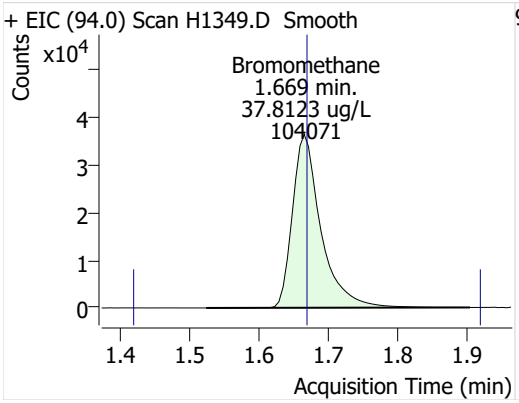
Vinyl Chloride

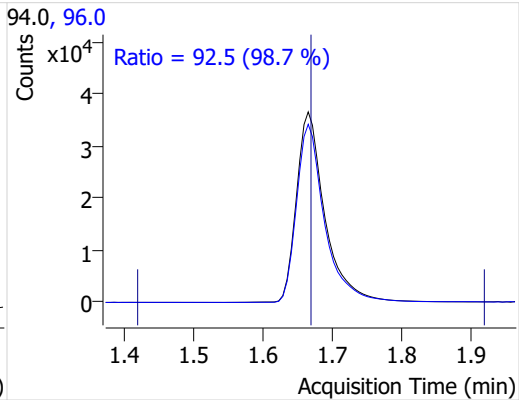


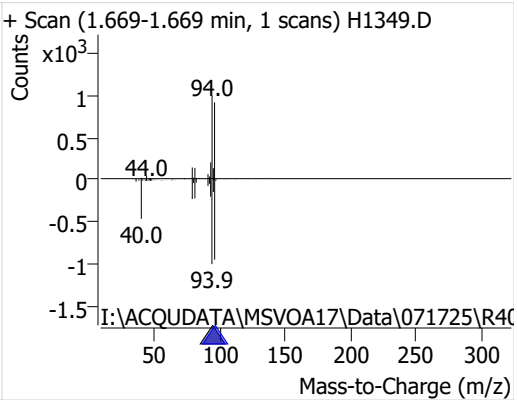




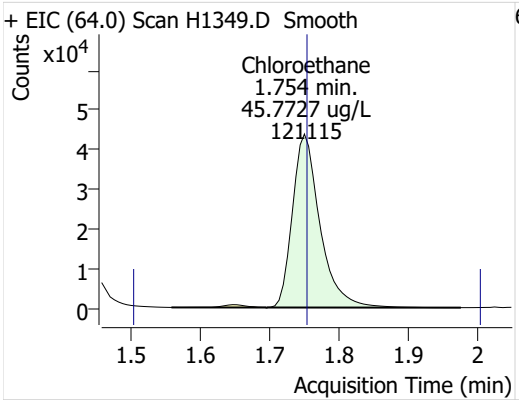
Bromomethane

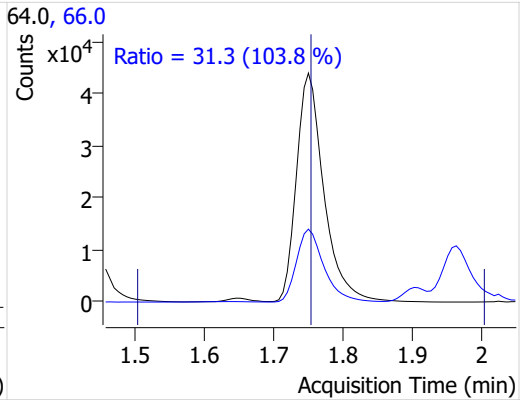


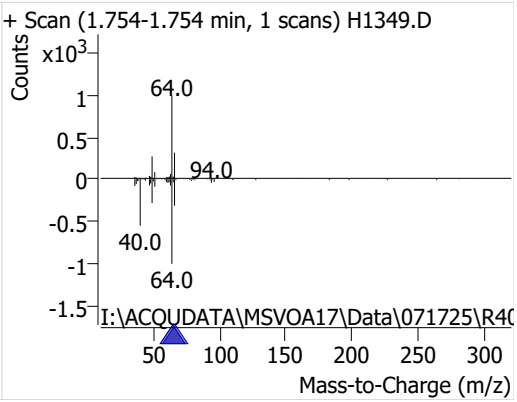




Chloroethane

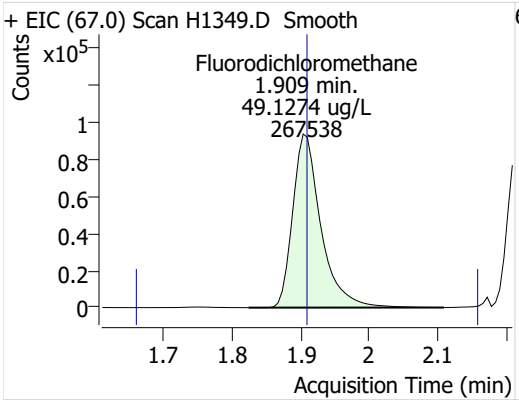


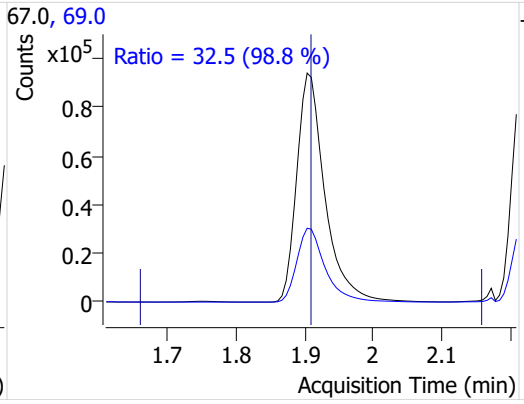


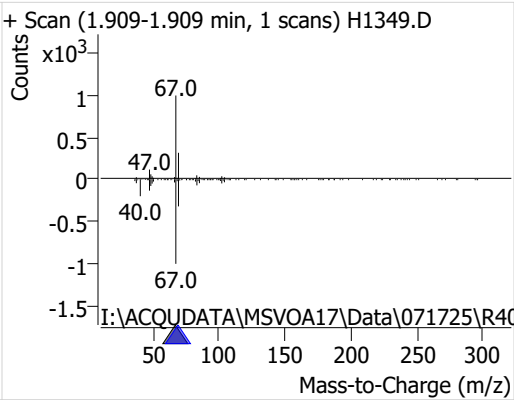


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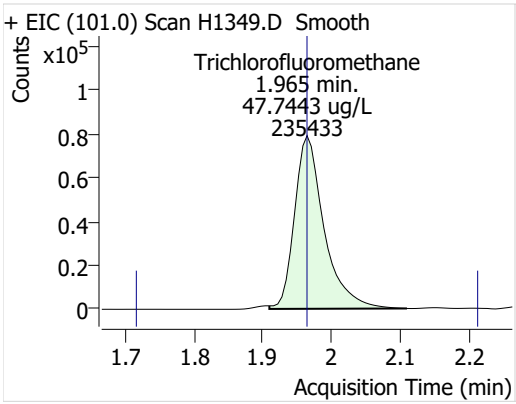
Fluorodichloromethane

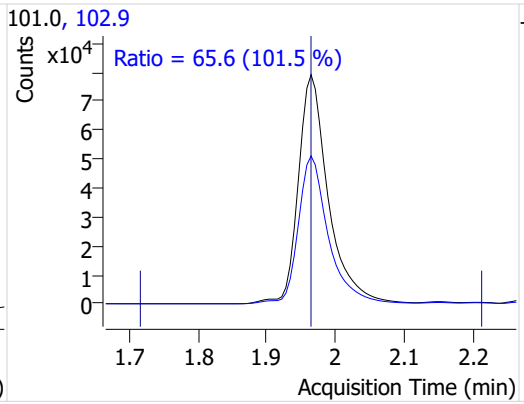


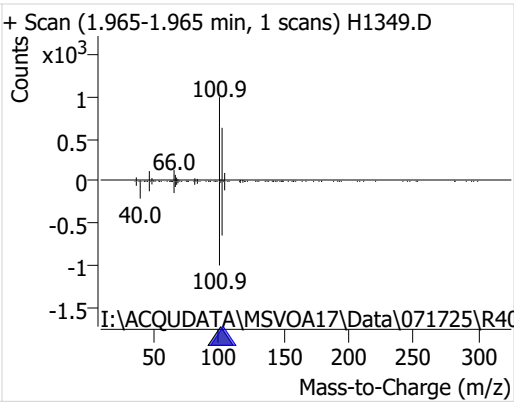




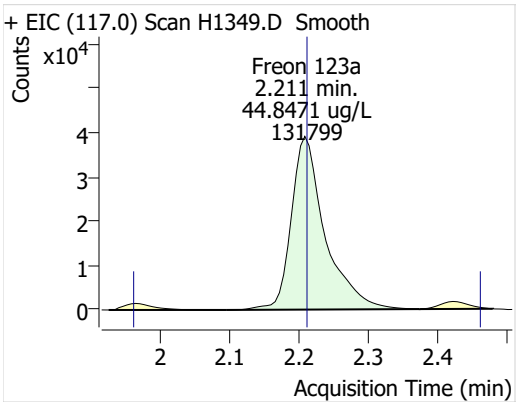
Trichlorofluoromethane

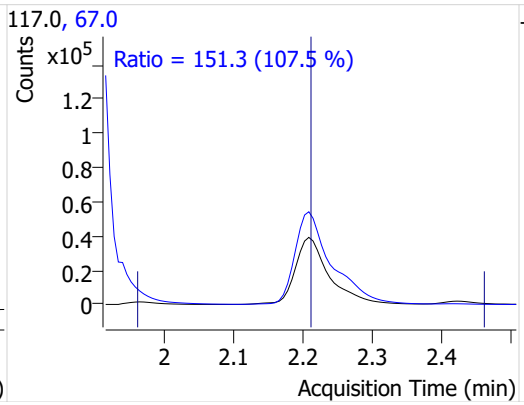


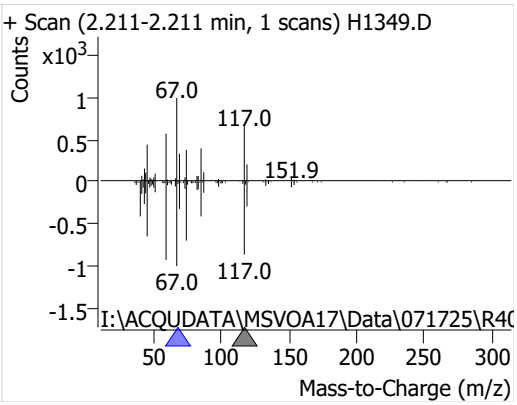




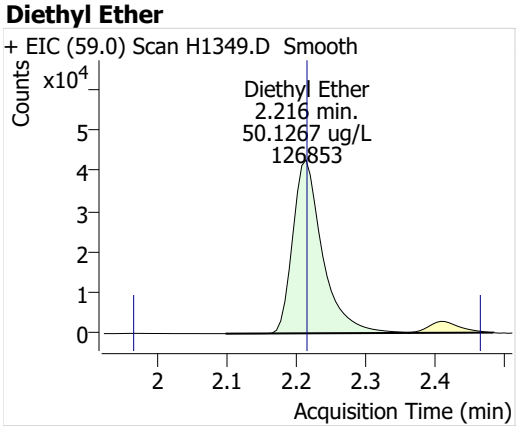
Freon 123a

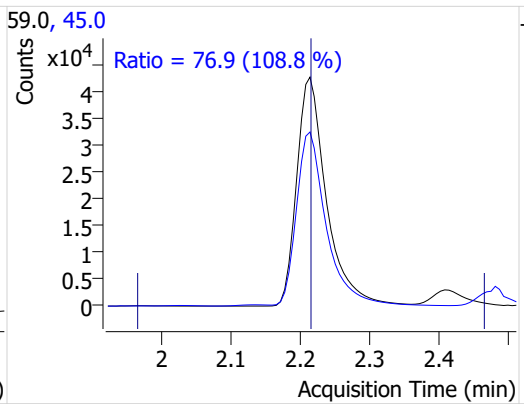


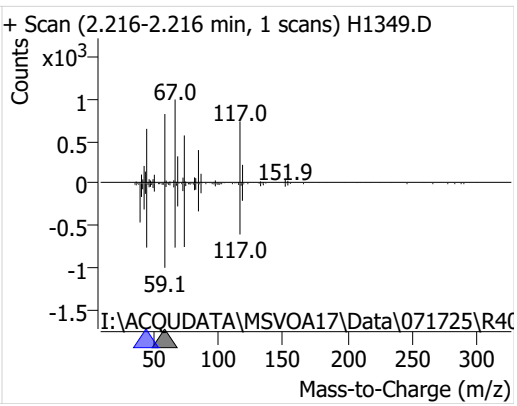




Diethyl Ether

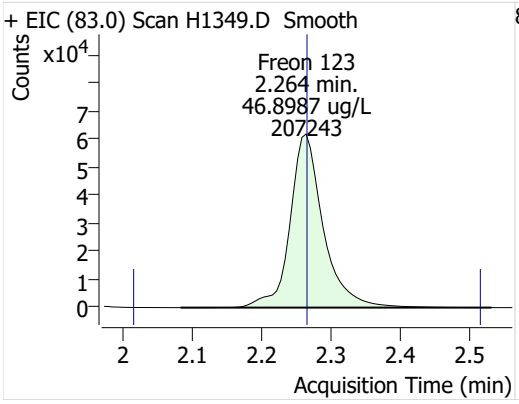


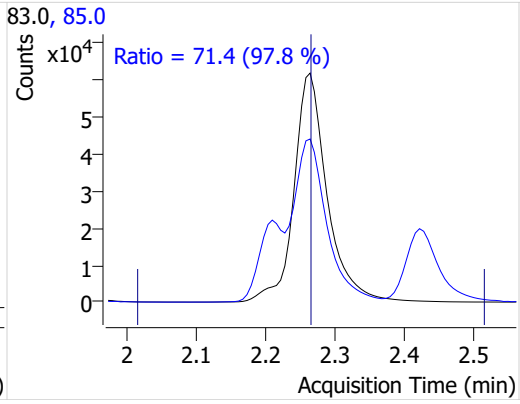


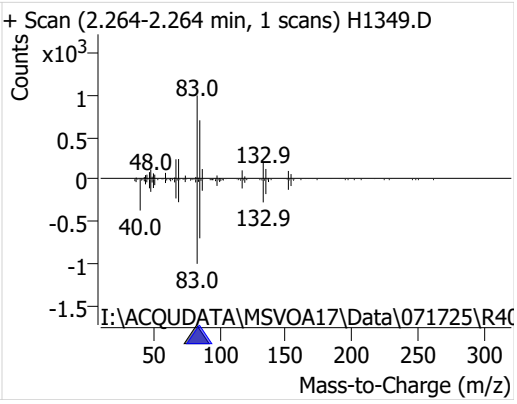


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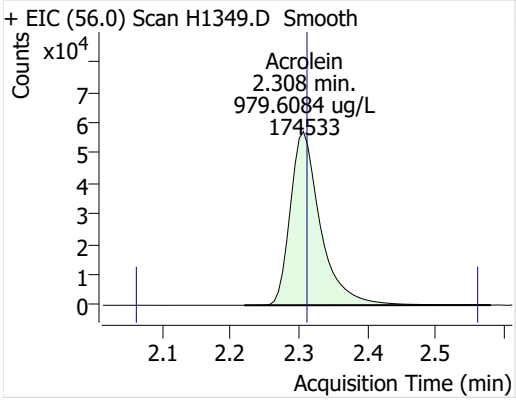
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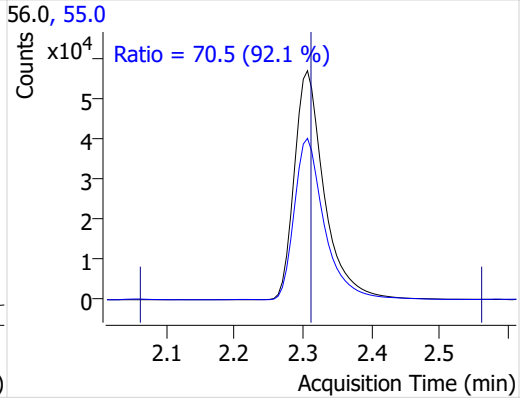


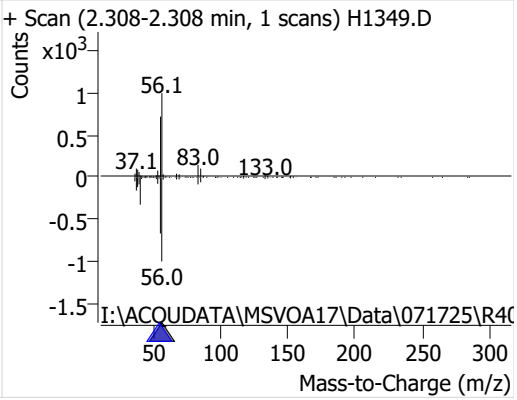




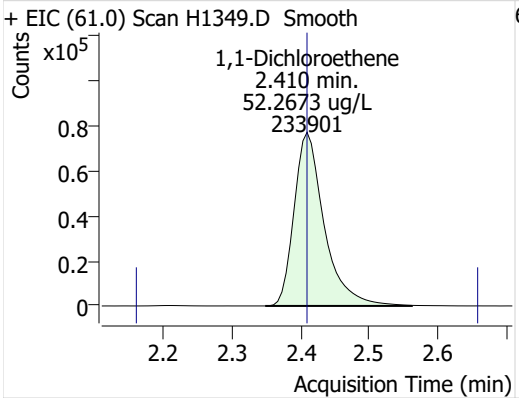
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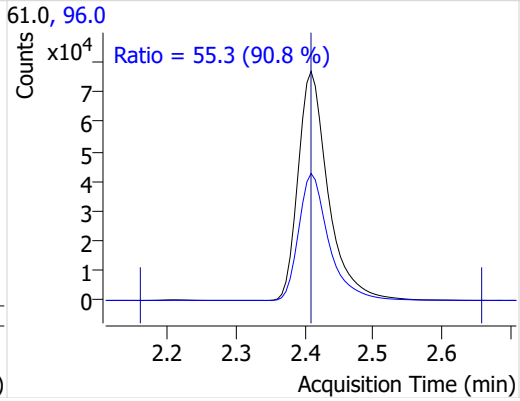


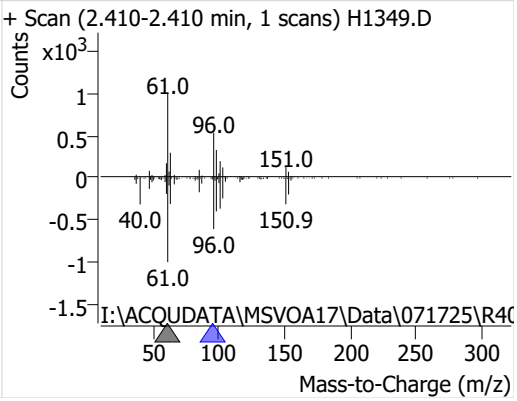




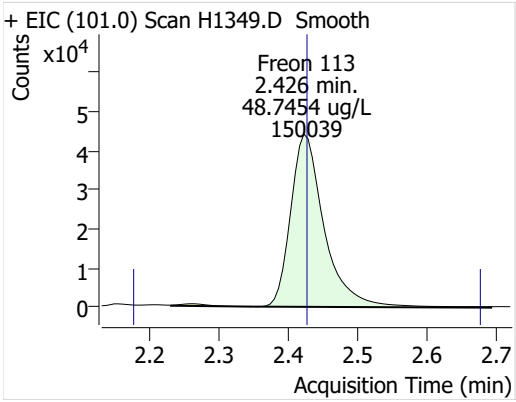
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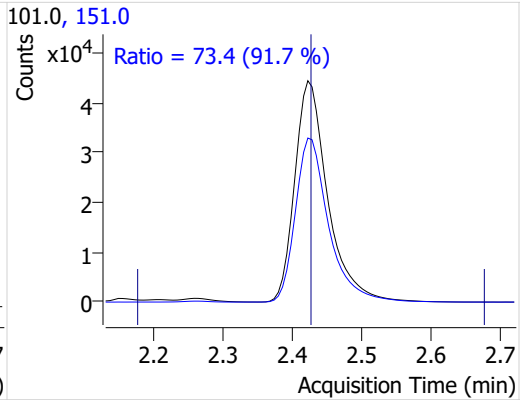


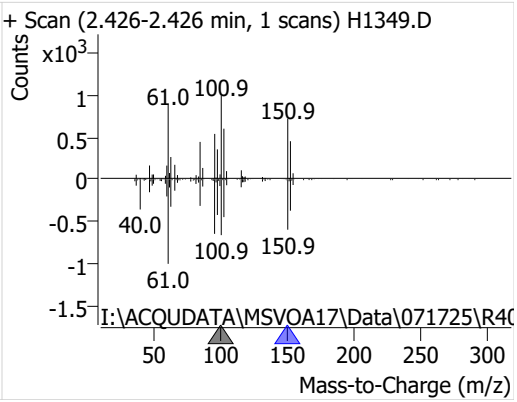




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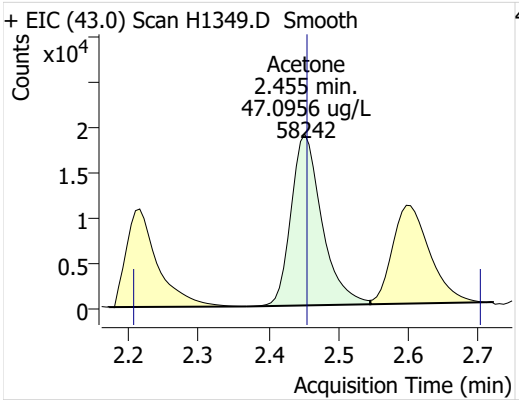


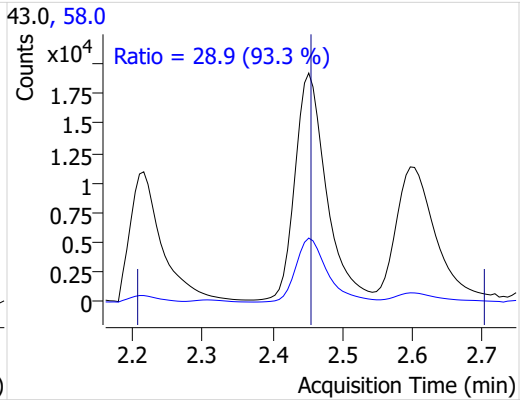


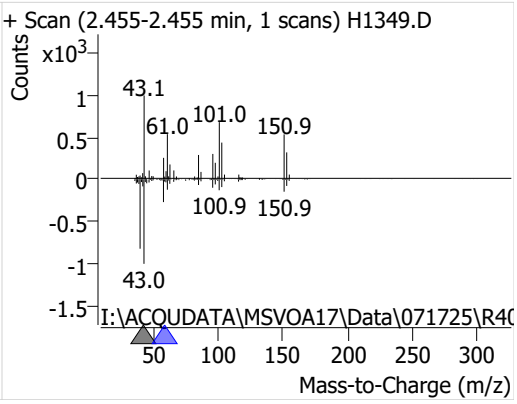


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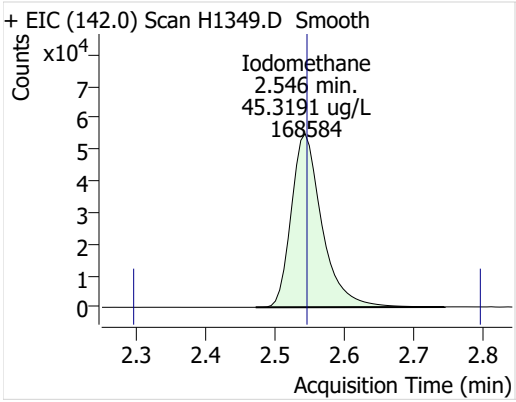
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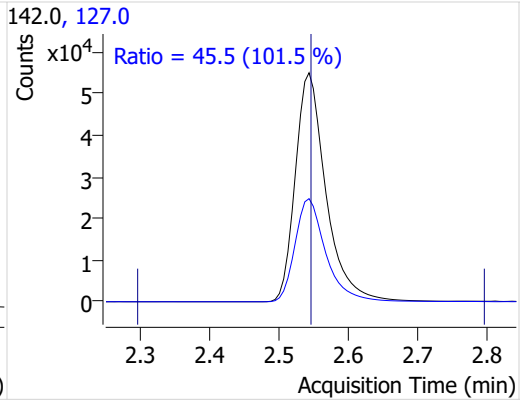


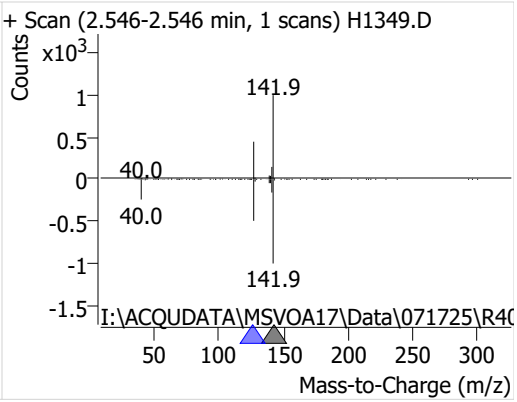




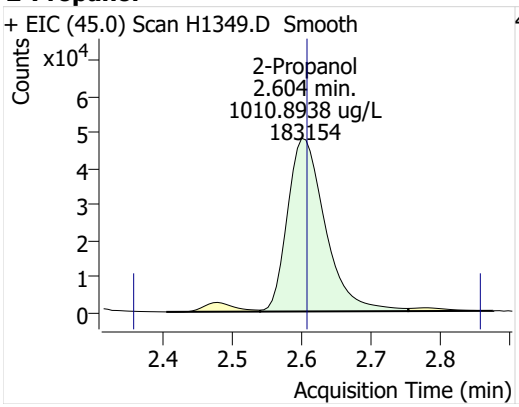
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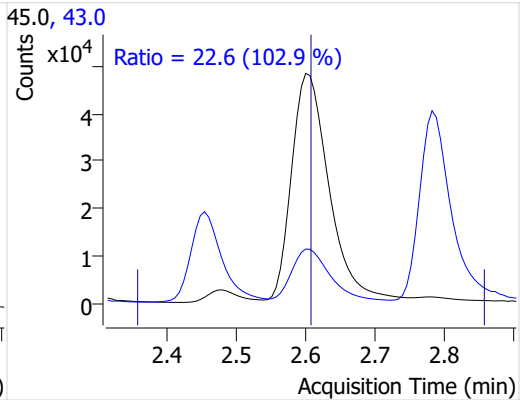


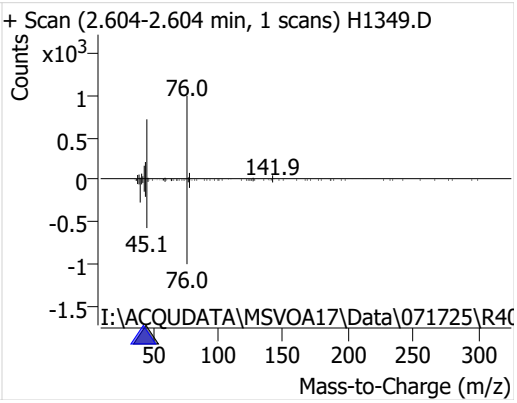




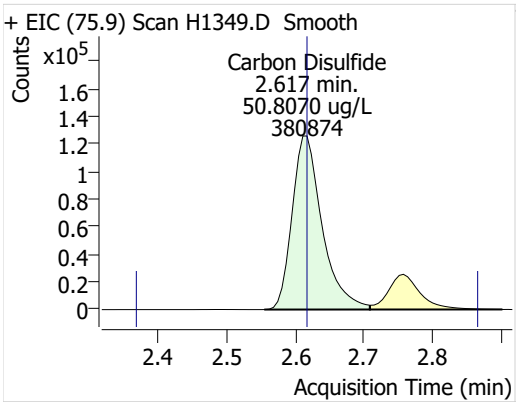
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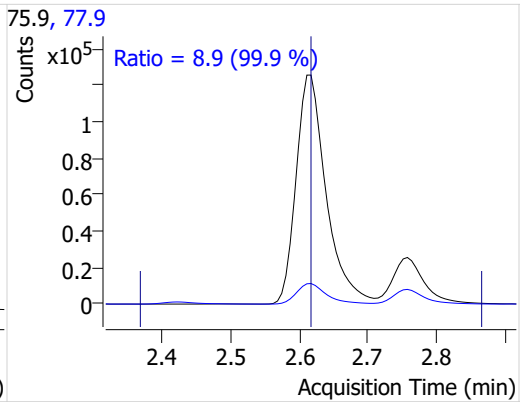


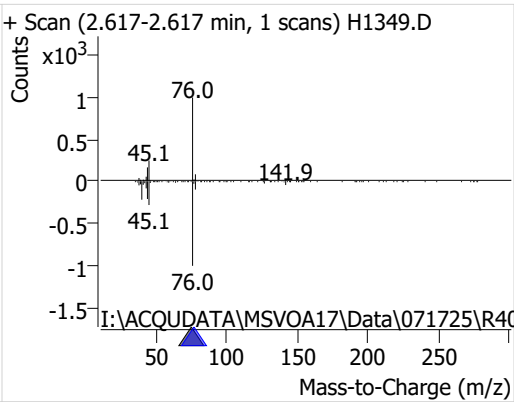




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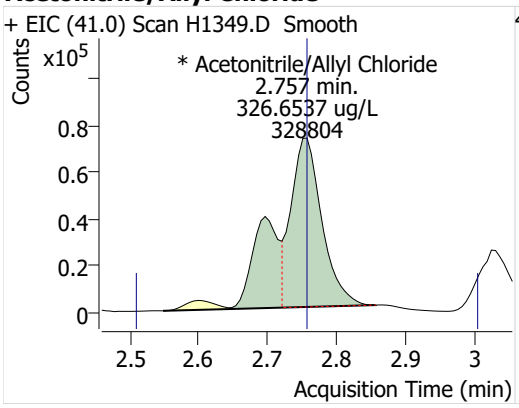


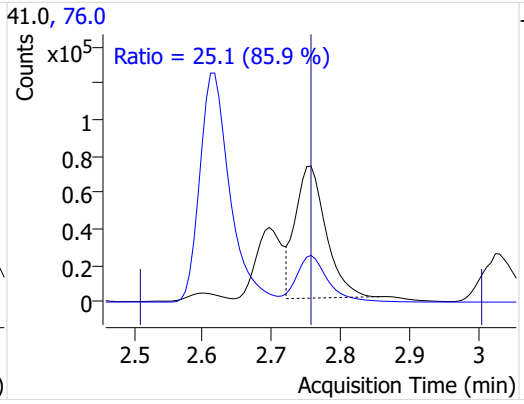


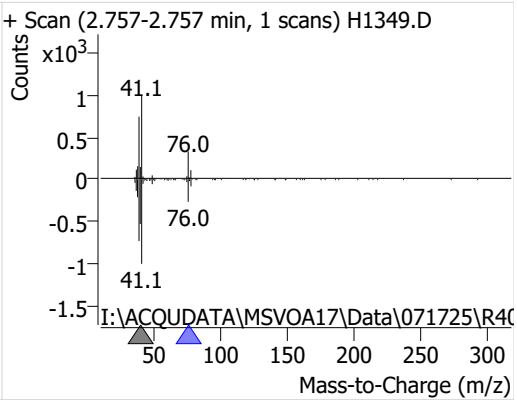


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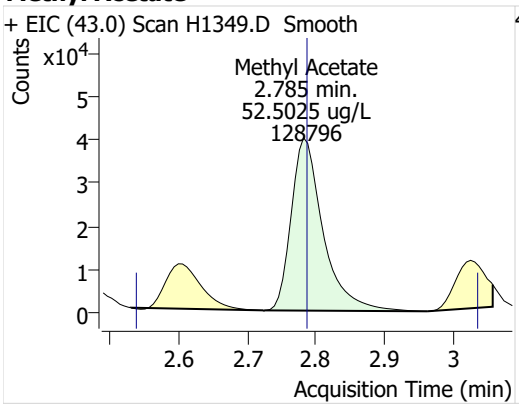
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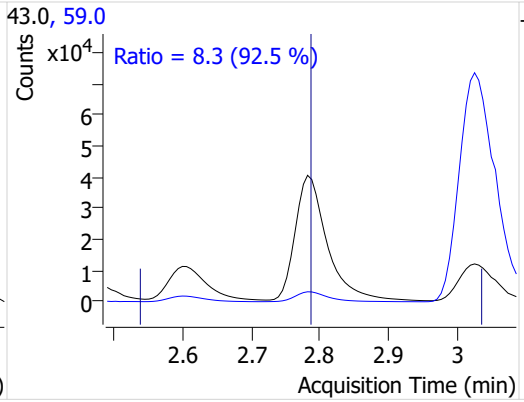


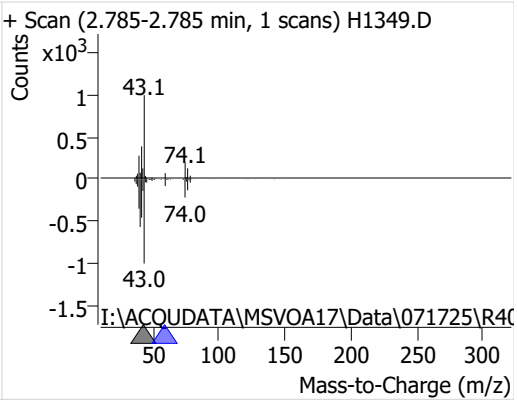




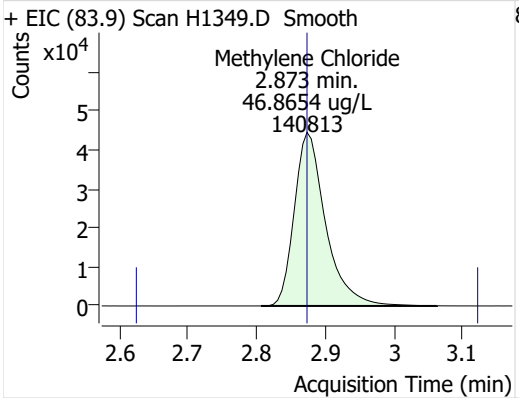
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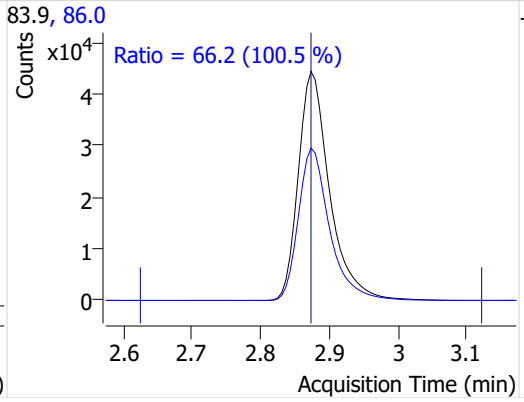


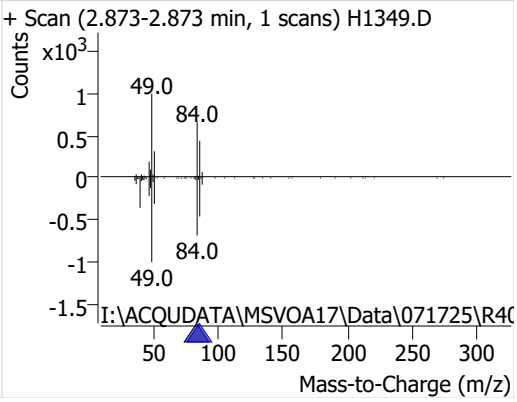




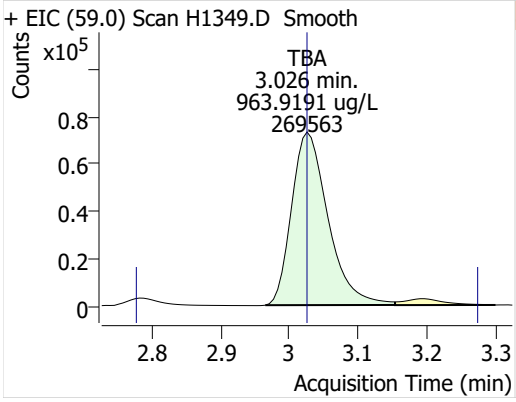
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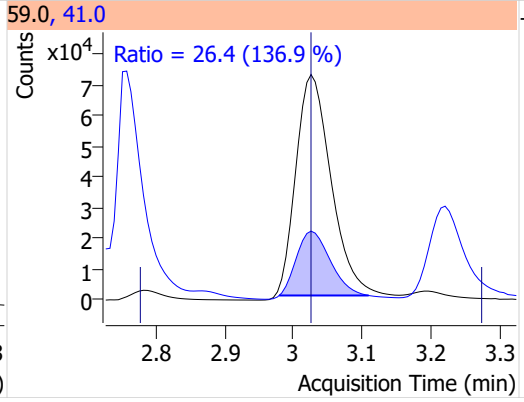


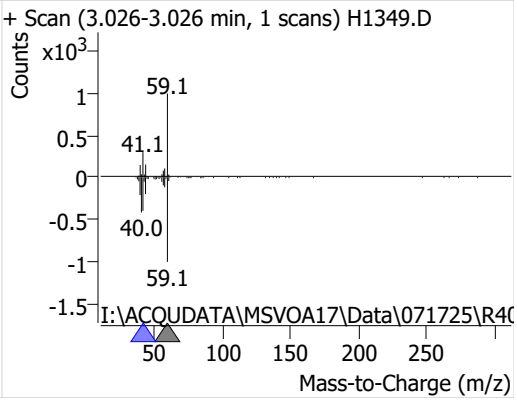




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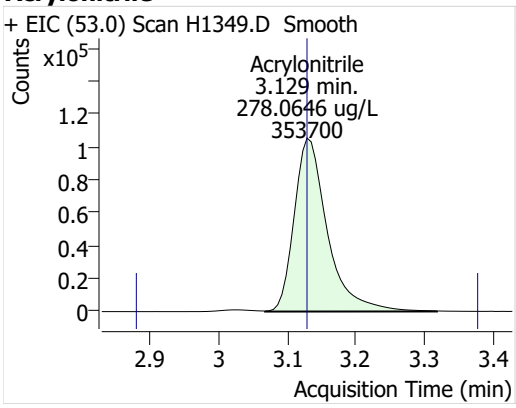


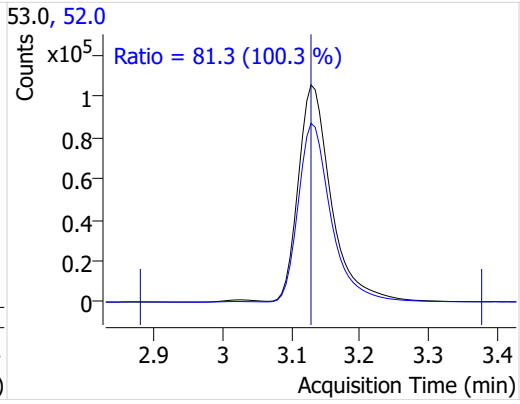


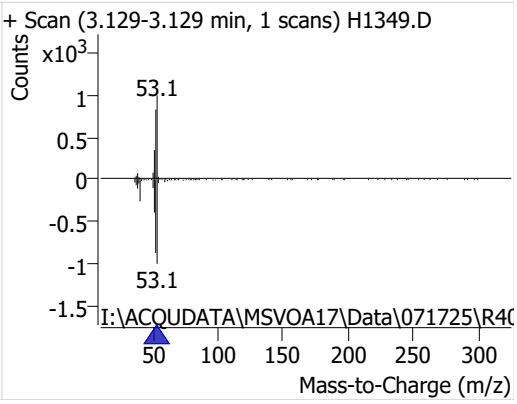


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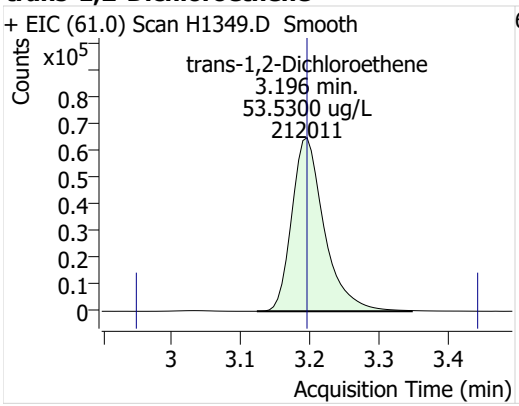
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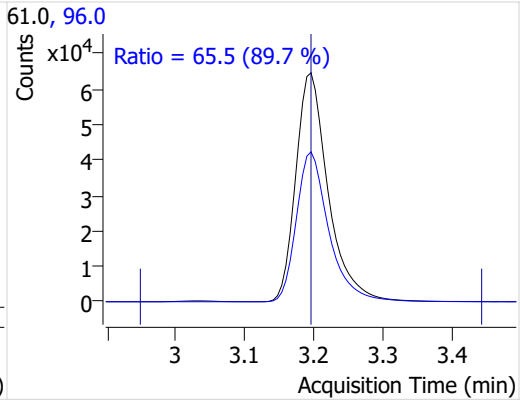


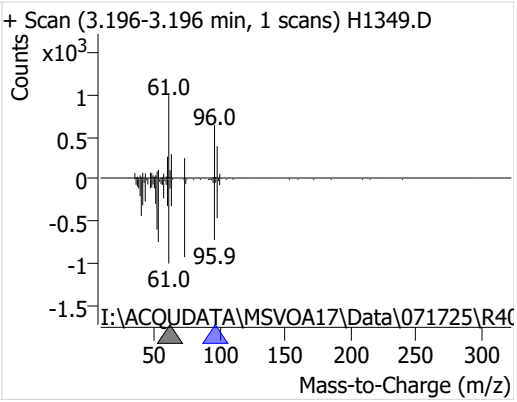




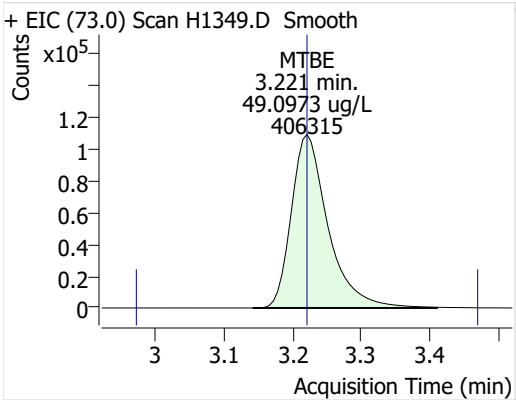
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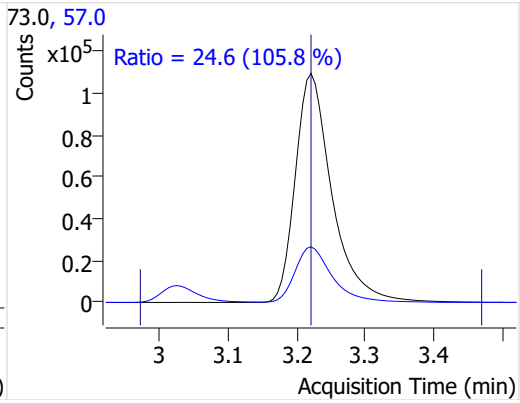


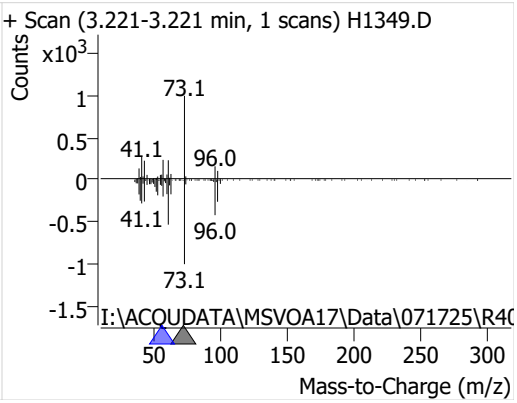




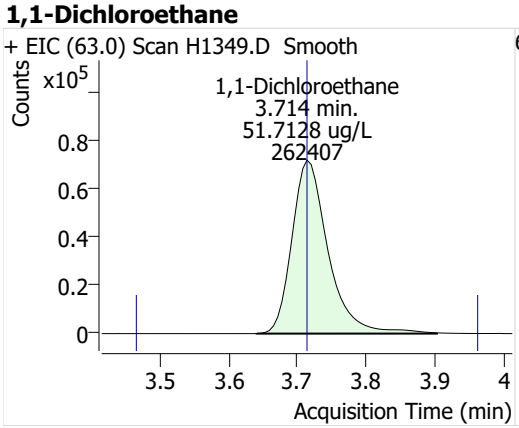
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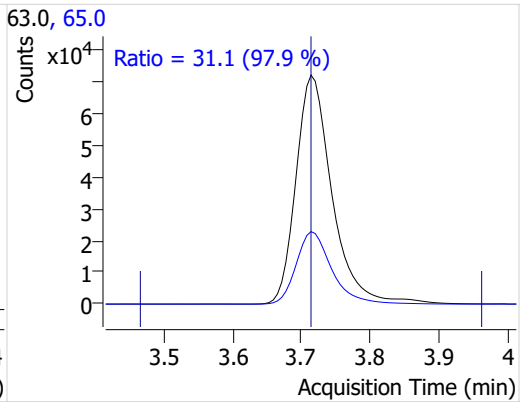


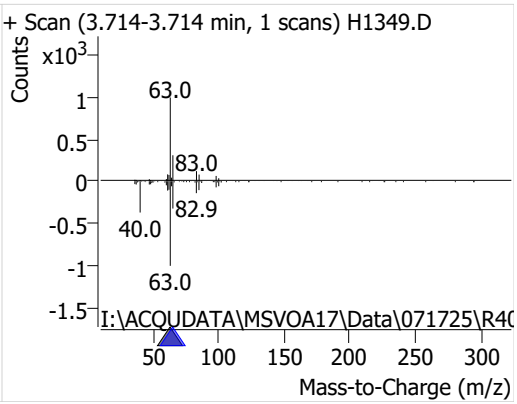




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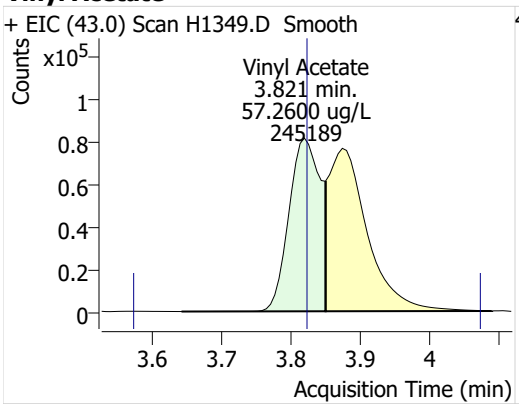


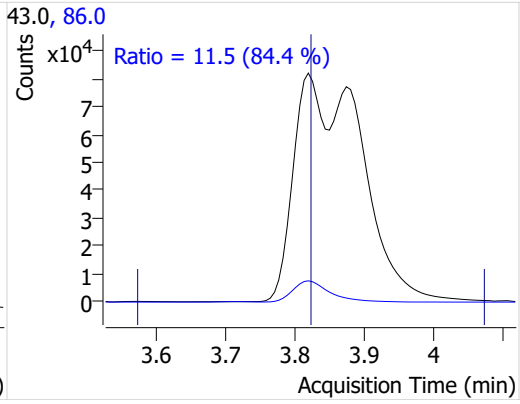


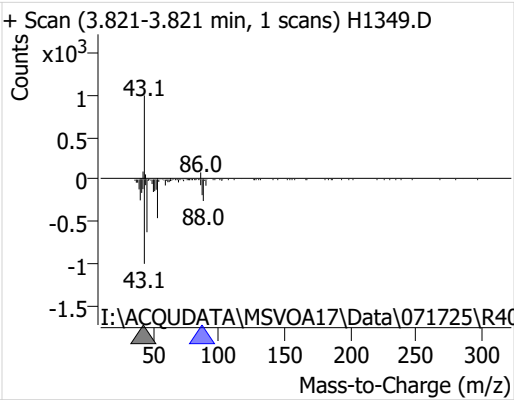


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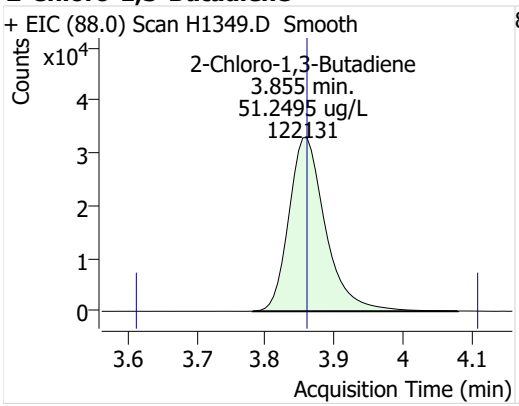
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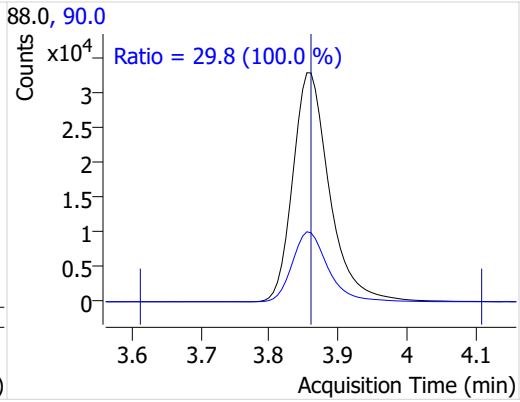


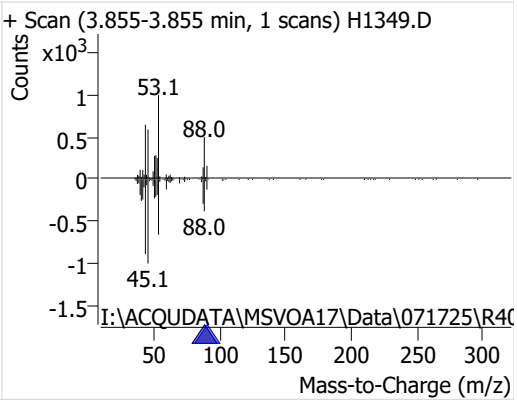




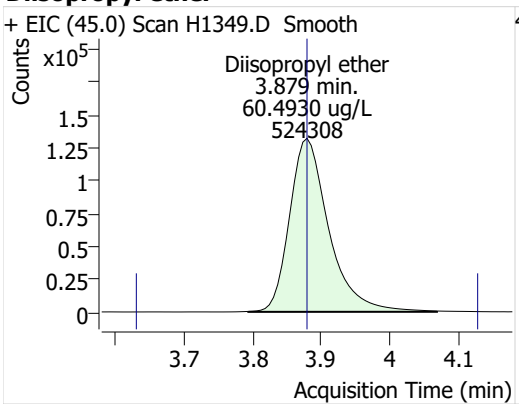
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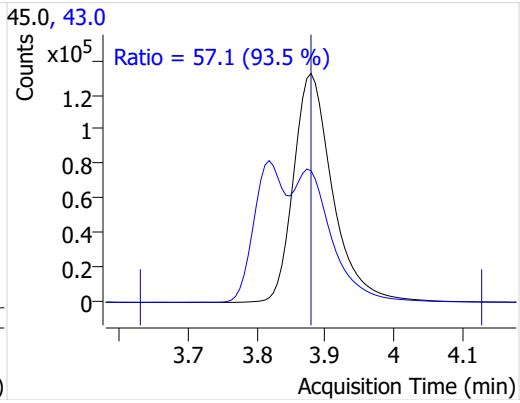


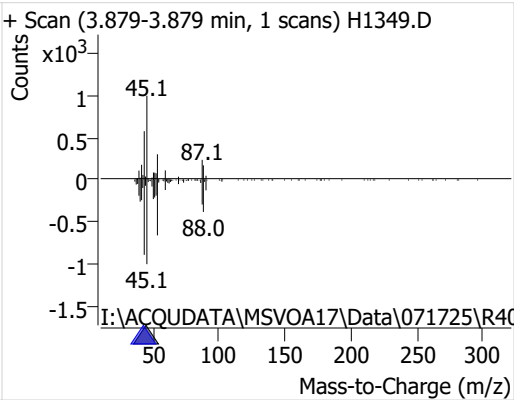




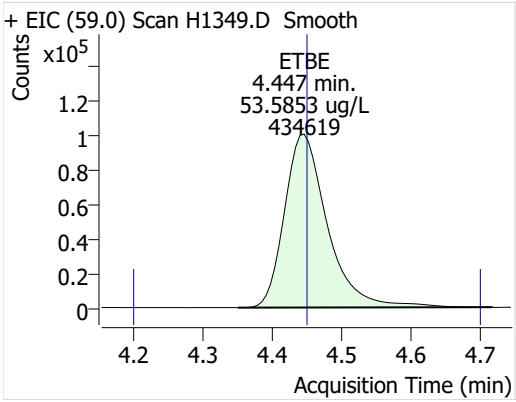
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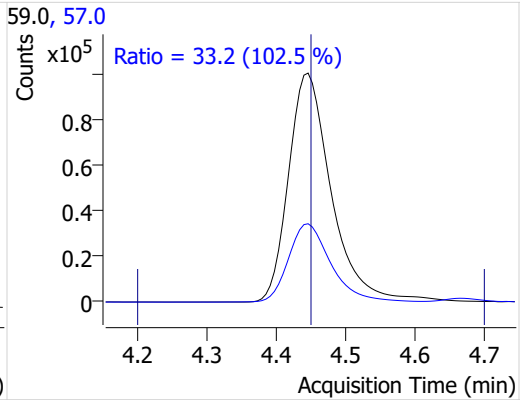


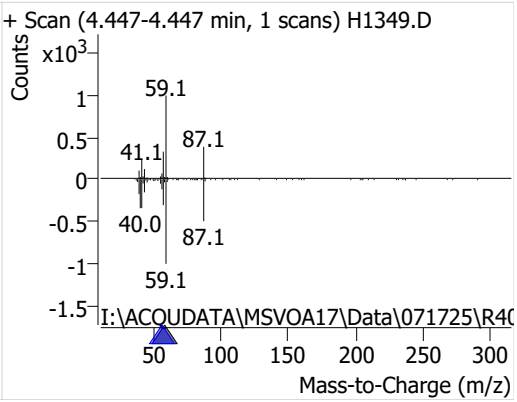




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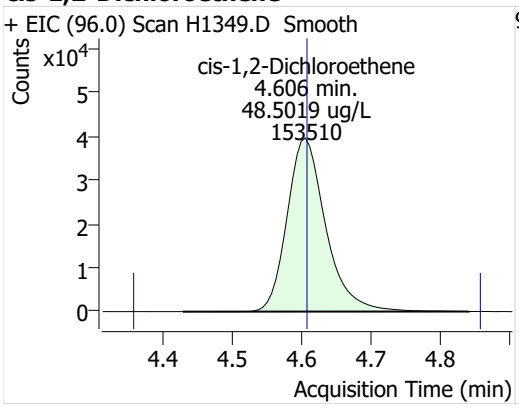


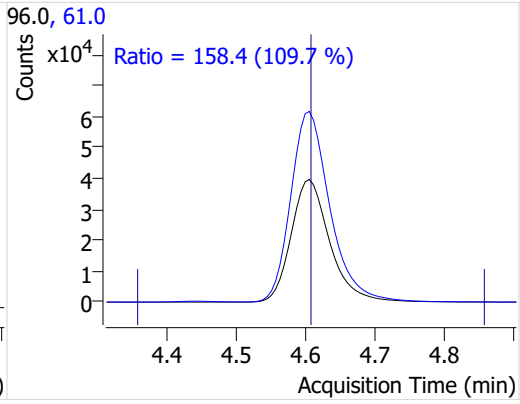


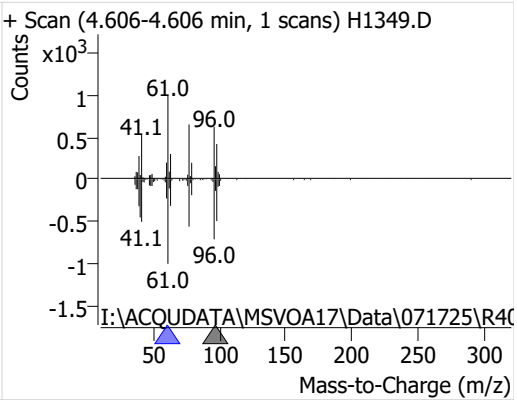


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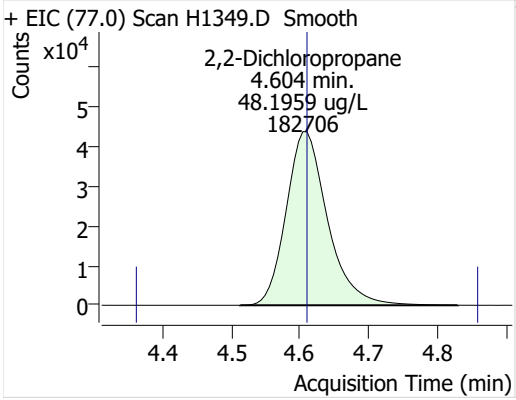
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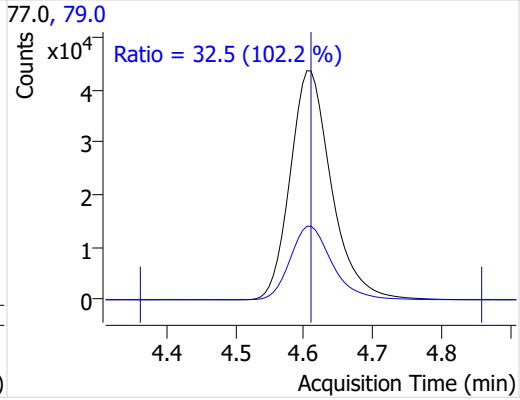


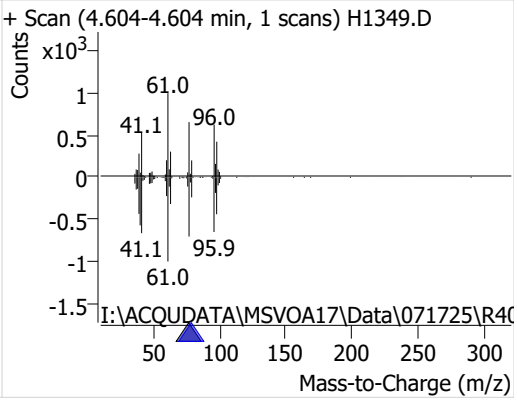




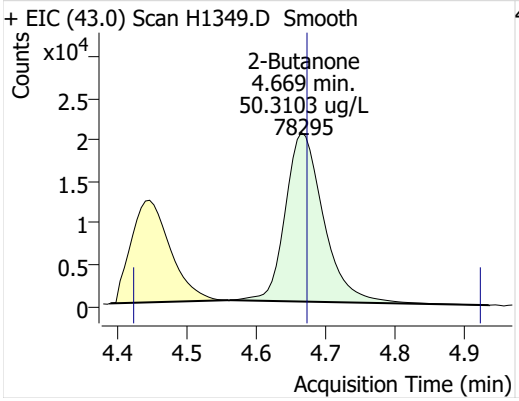
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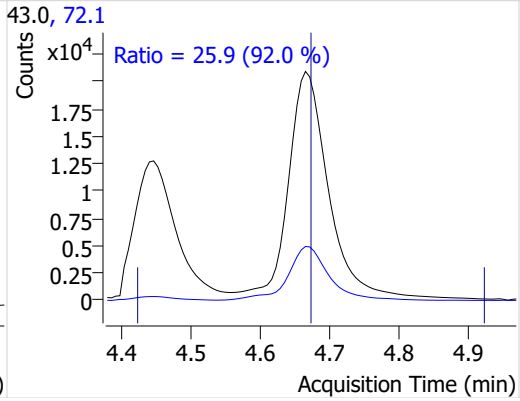


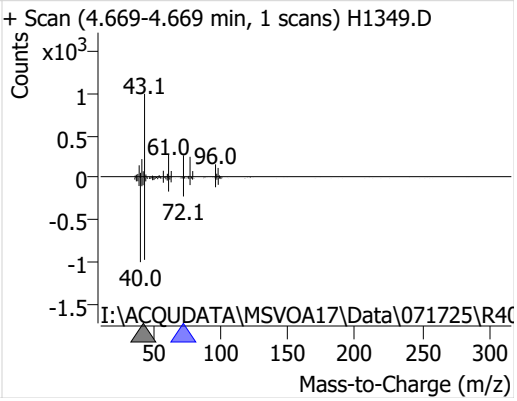




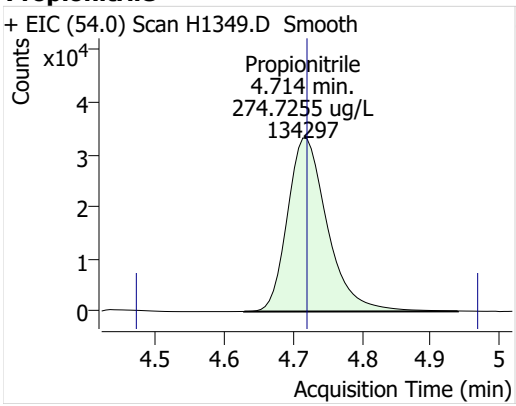
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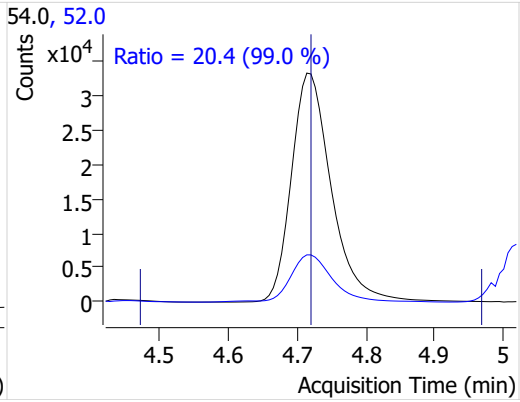


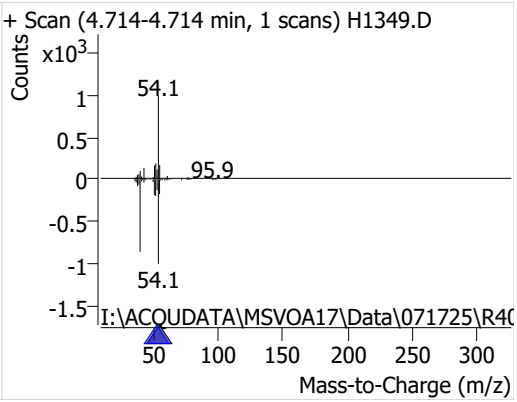




Propionitrile

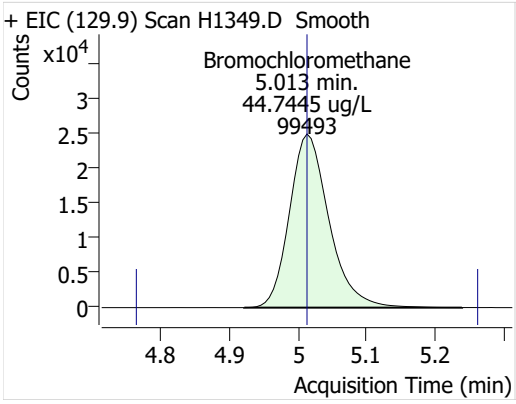


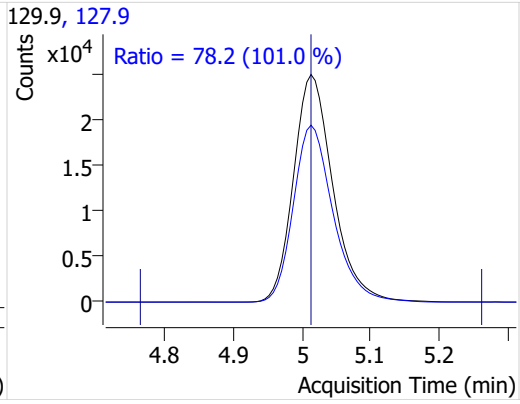


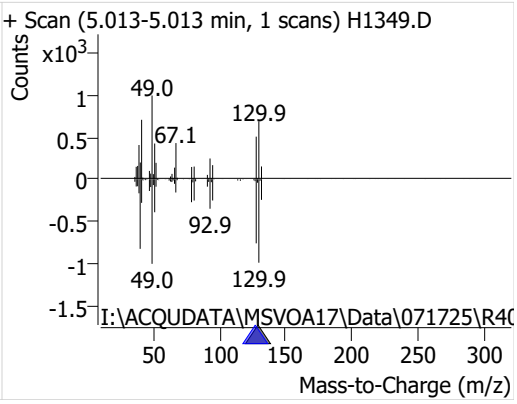


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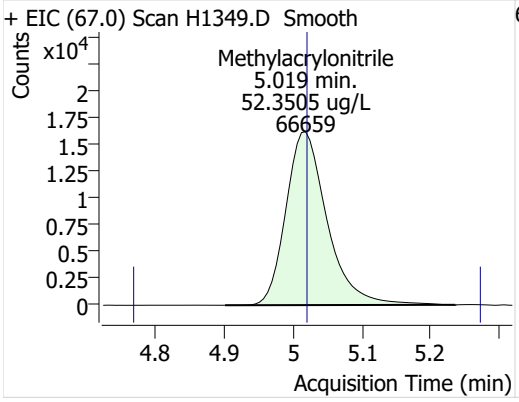
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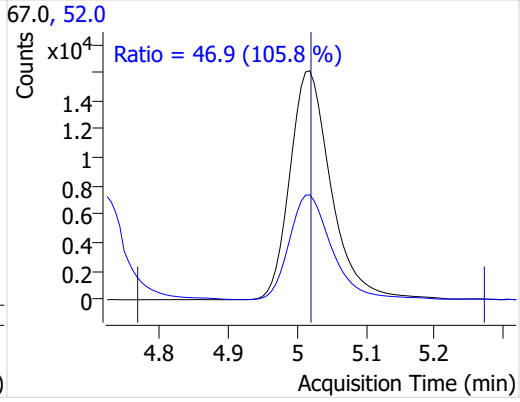


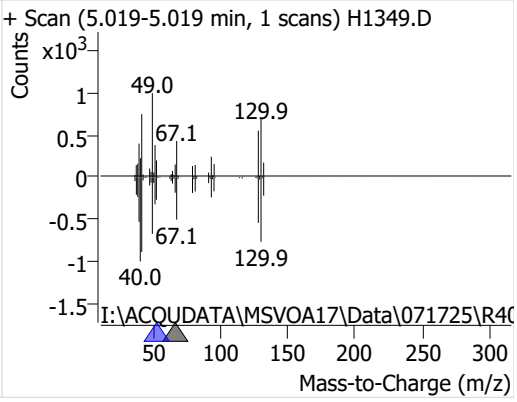




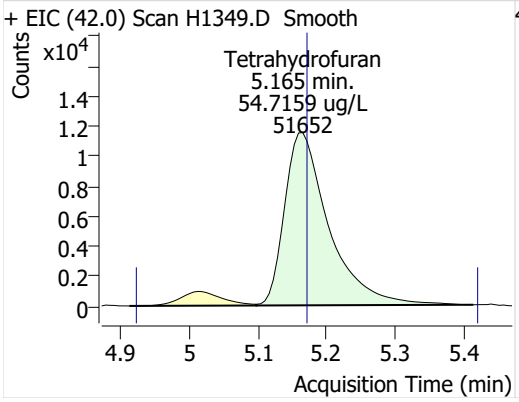
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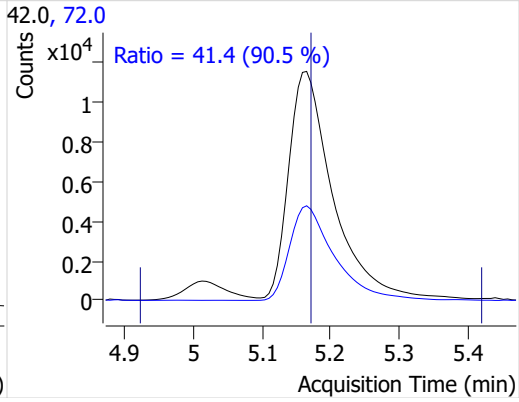


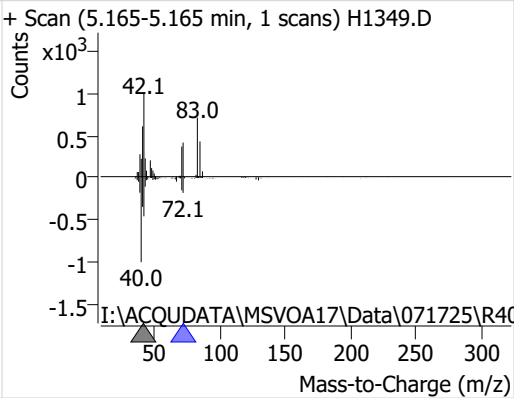




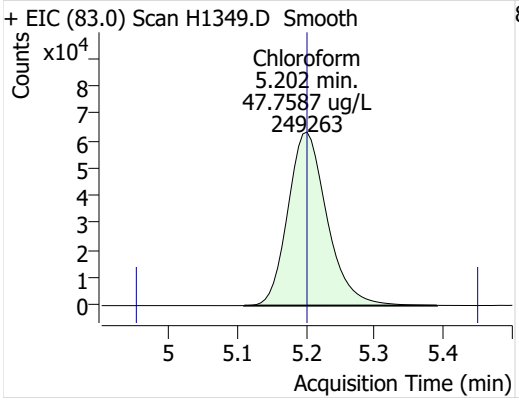
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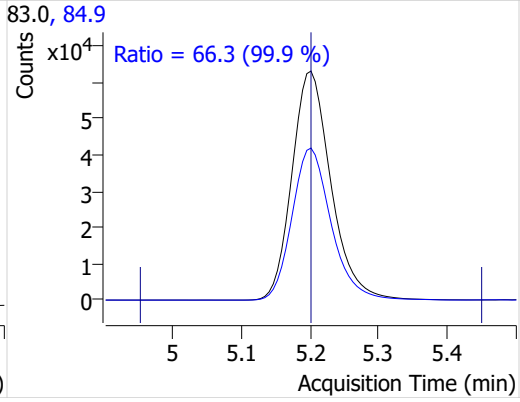


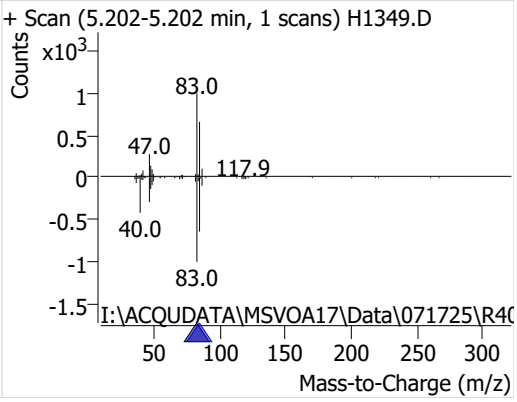




Chloroform

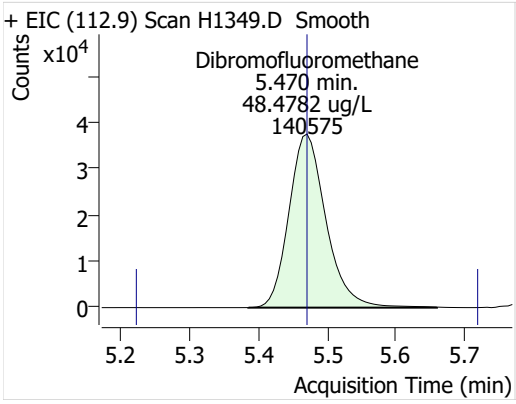


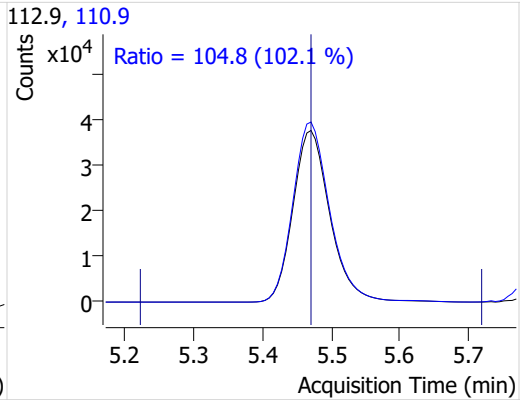


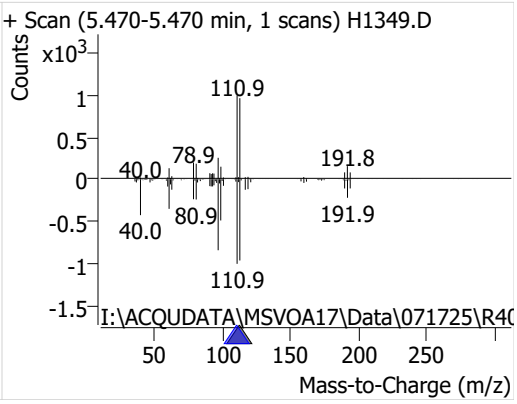


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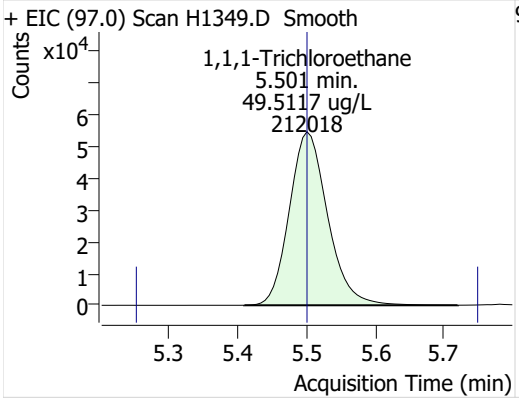
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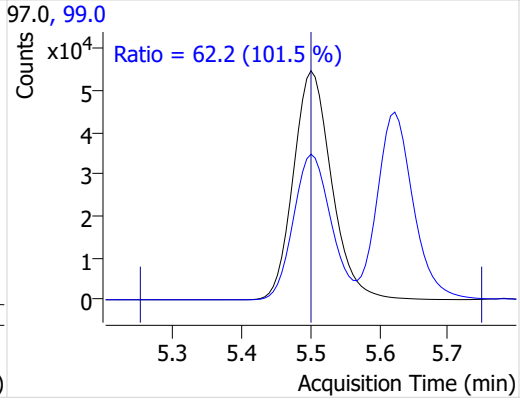


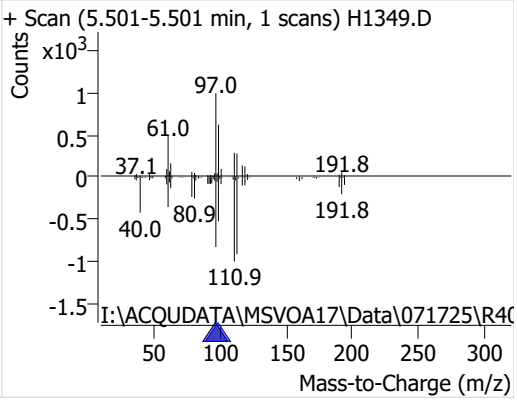




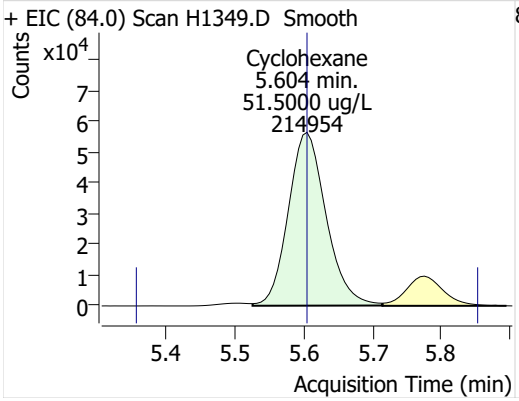
1,1,1-Trichloroethane

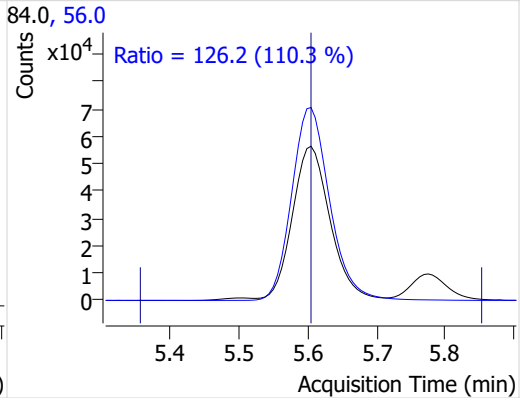


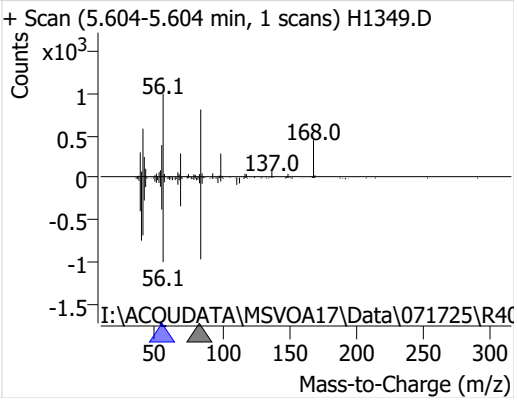




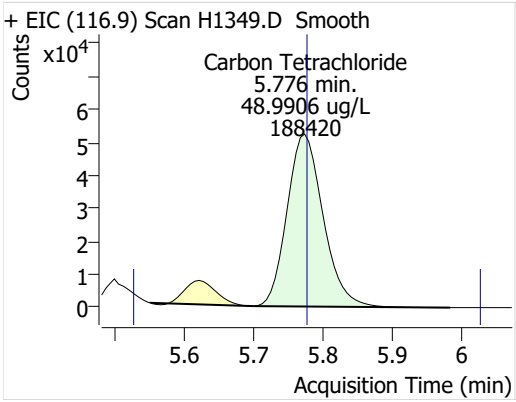
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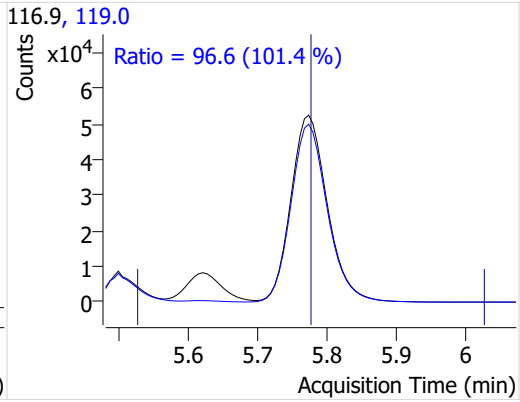


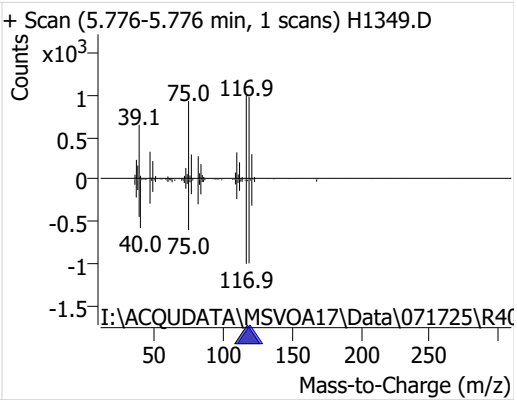




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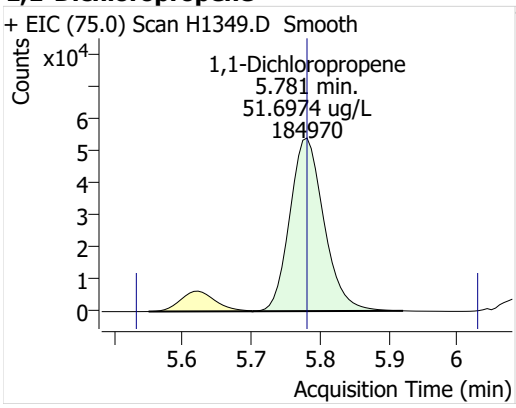


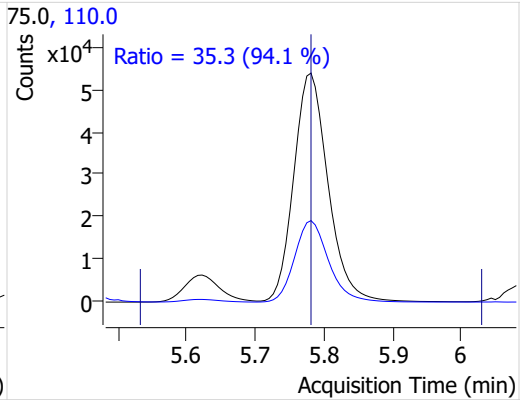


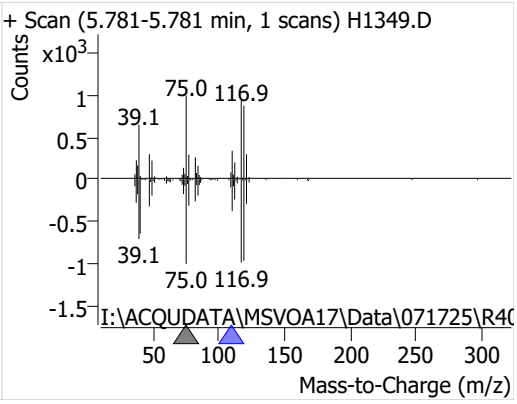


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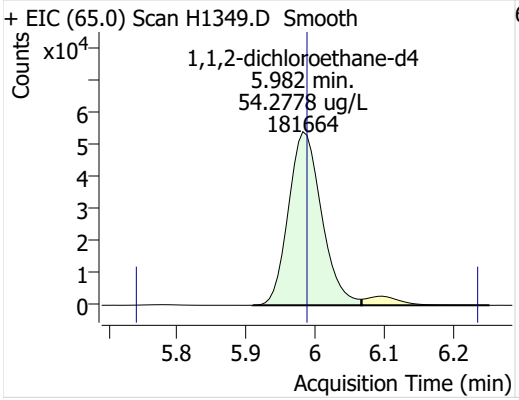
1,1-Dichloropropene

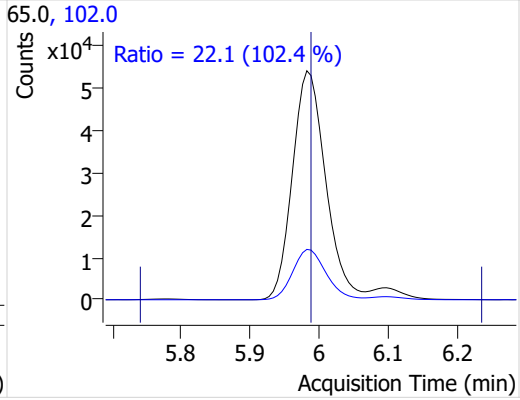


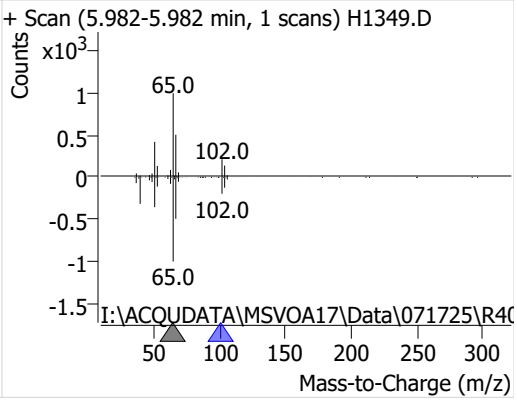




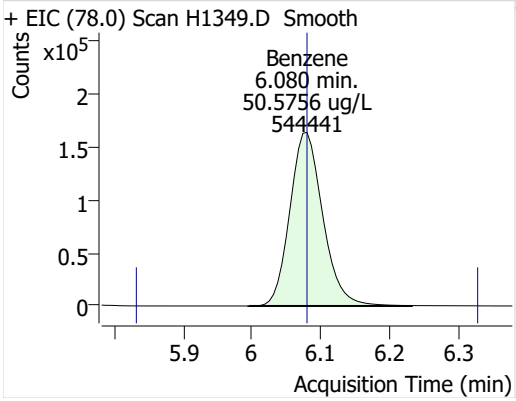
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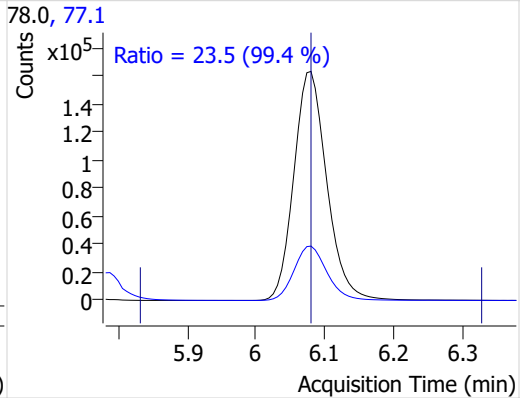


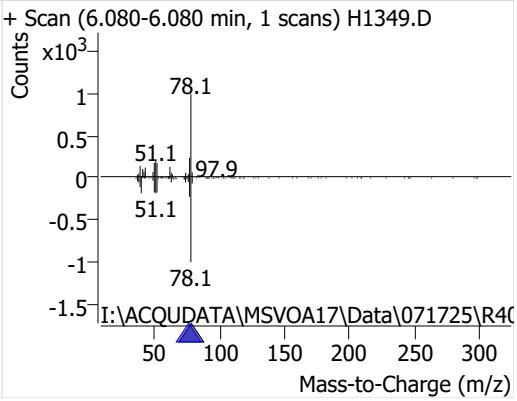




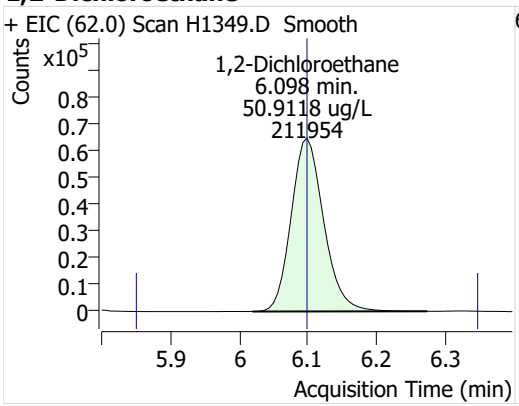
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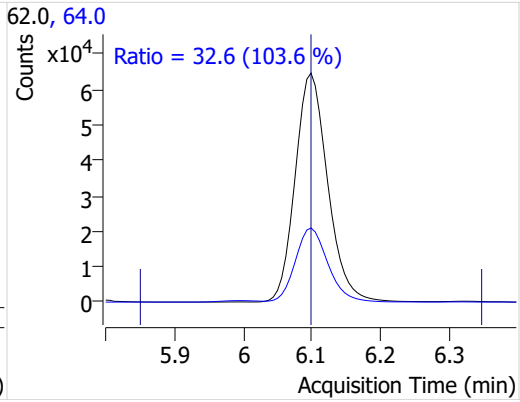


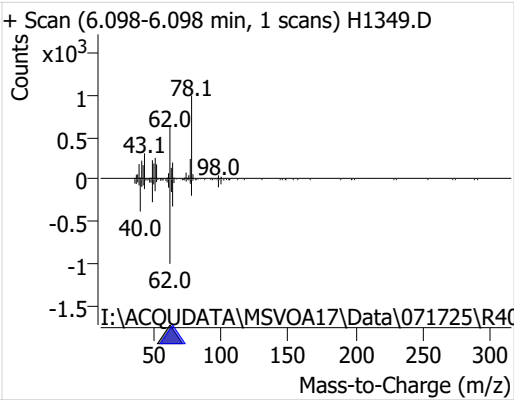




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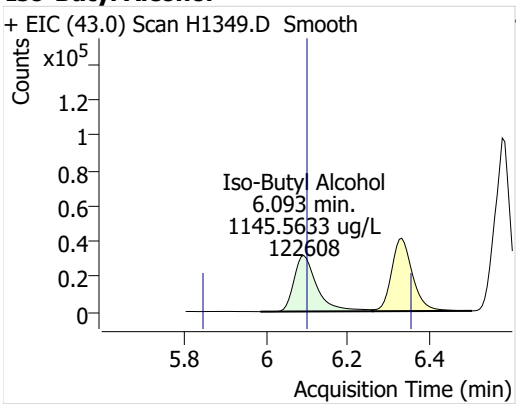


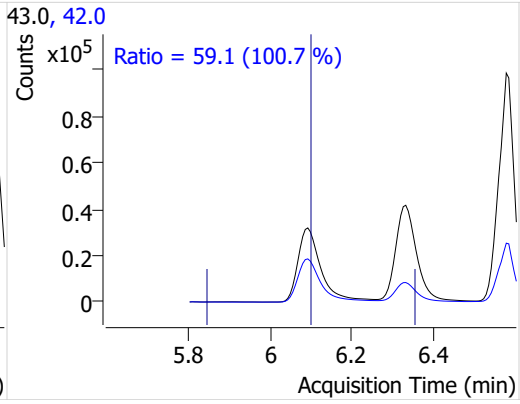


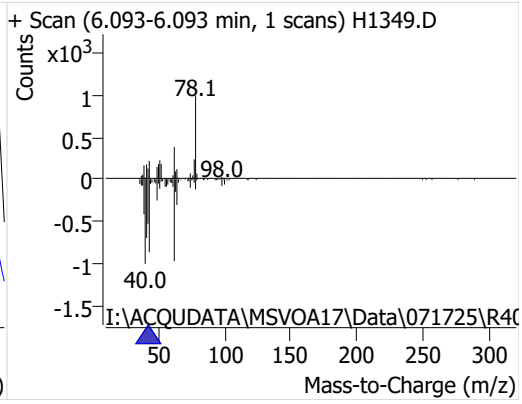


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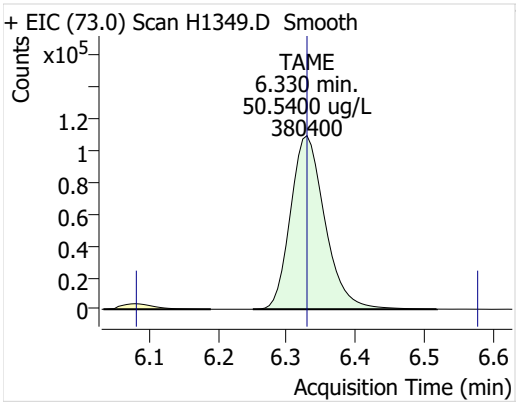
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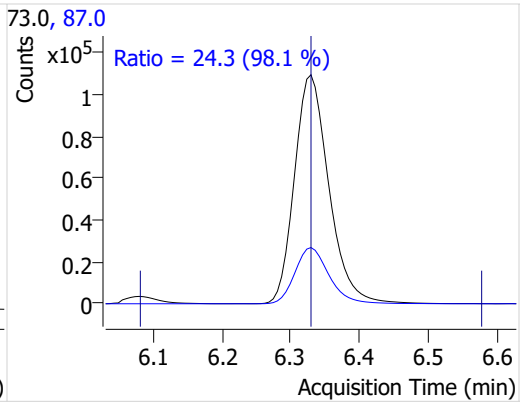


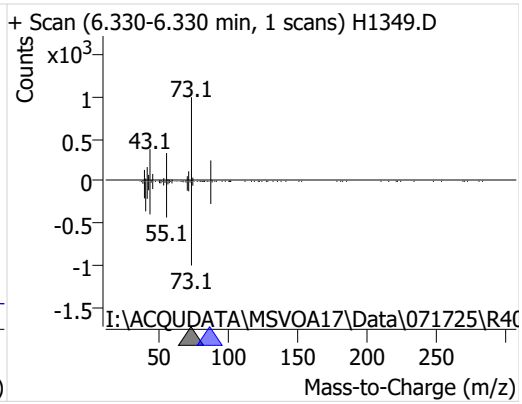




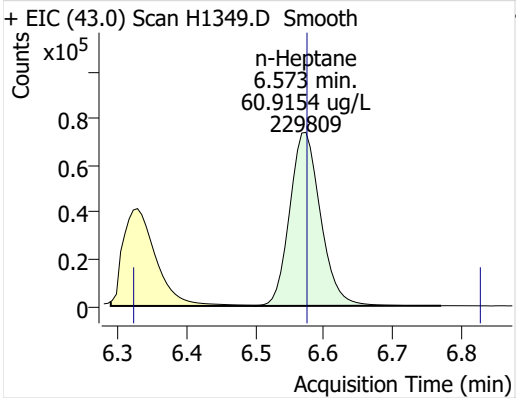
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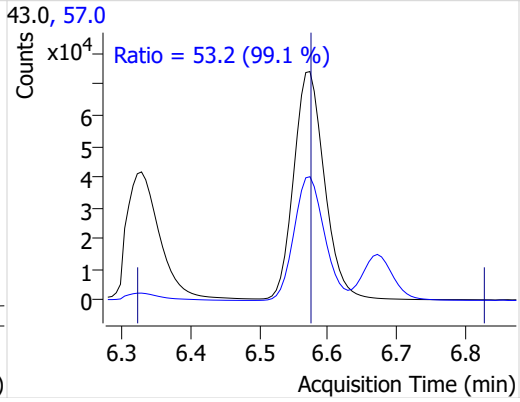


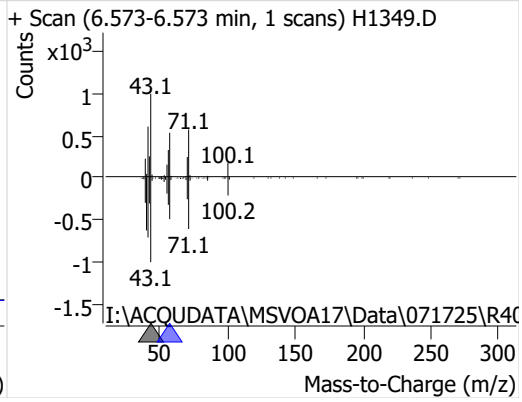




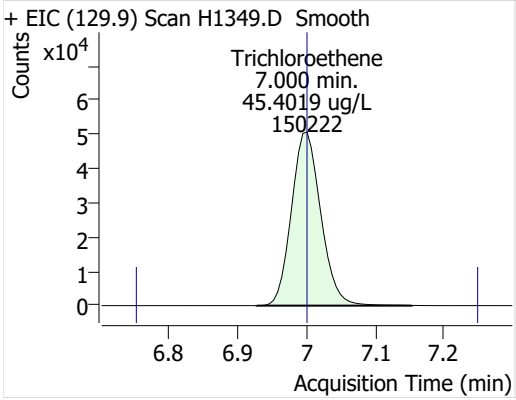
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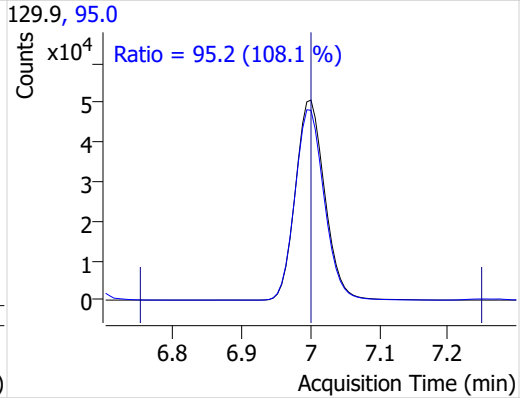


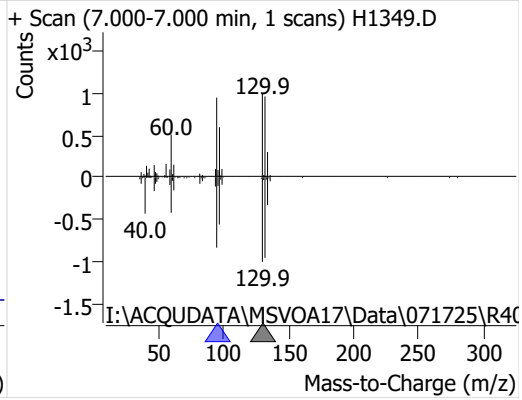




Trichloroethene

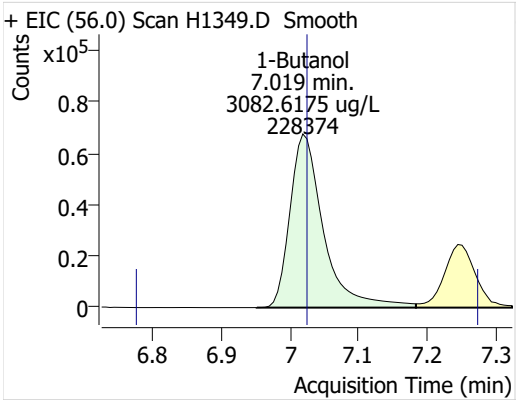


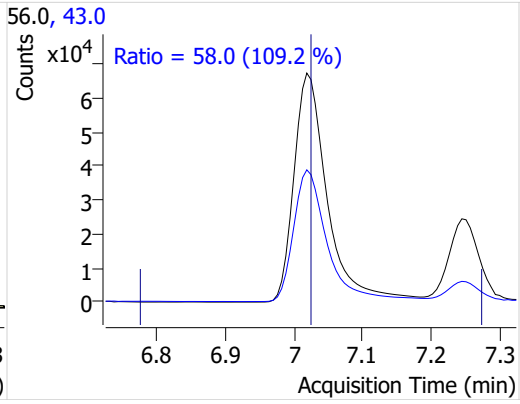


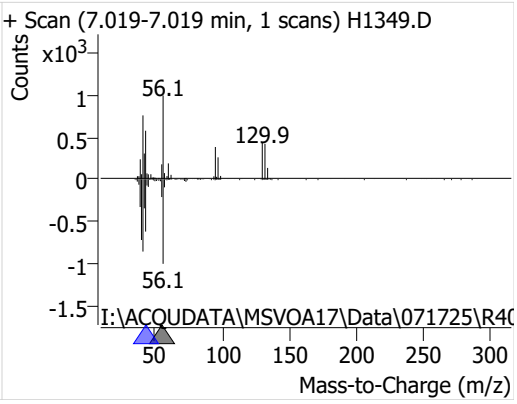


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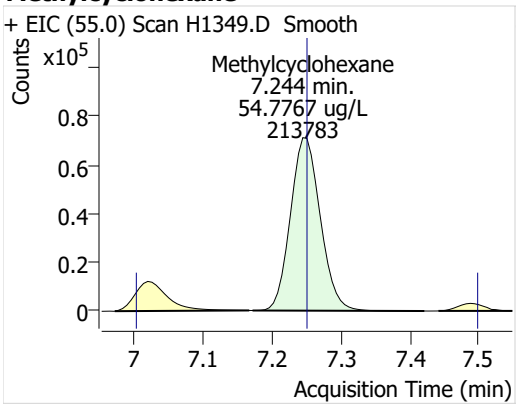
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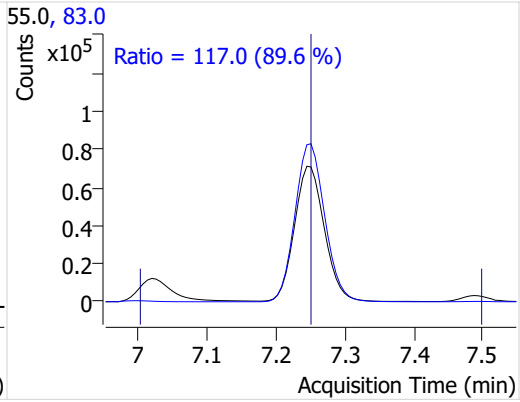


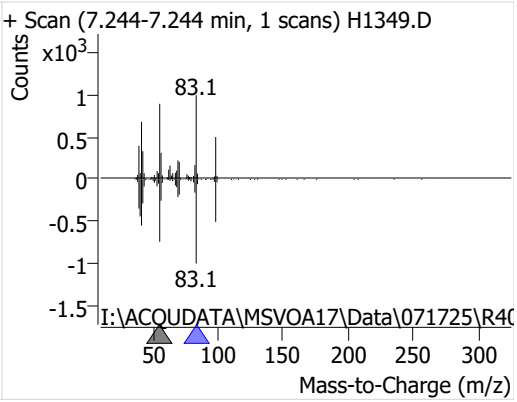




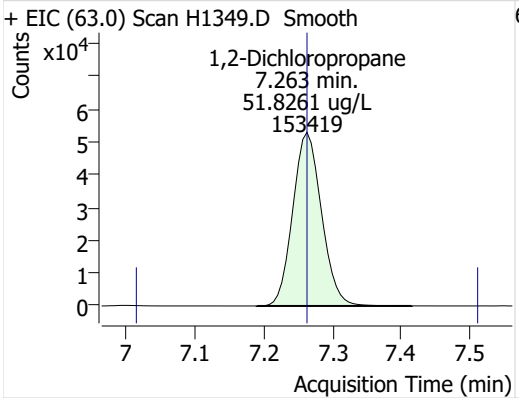
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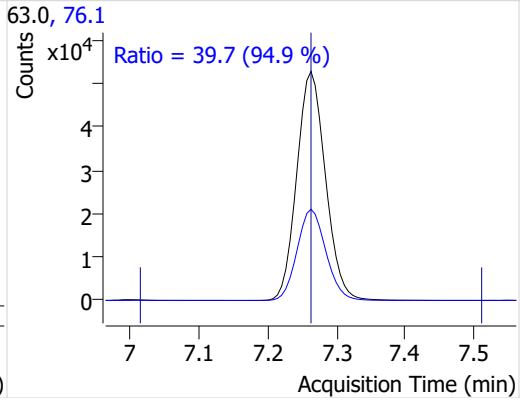


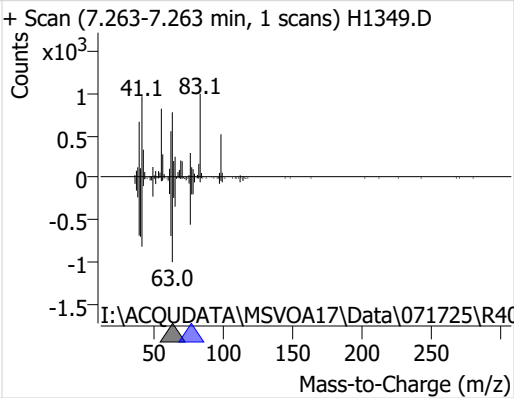




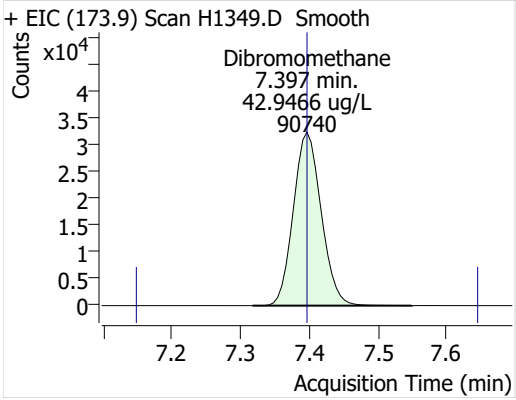
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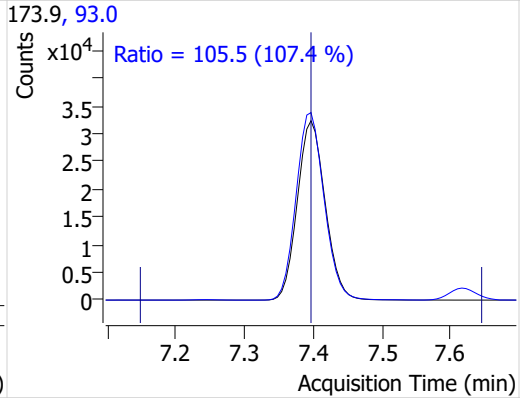


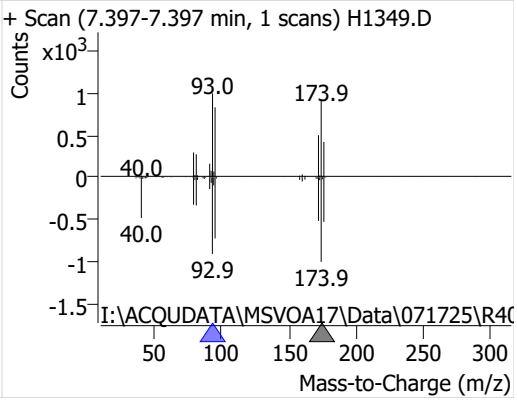




Dibromomethane

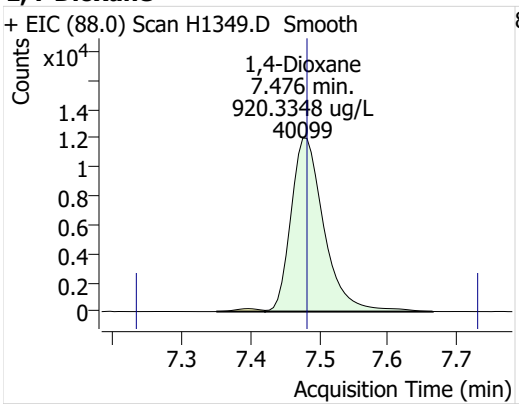


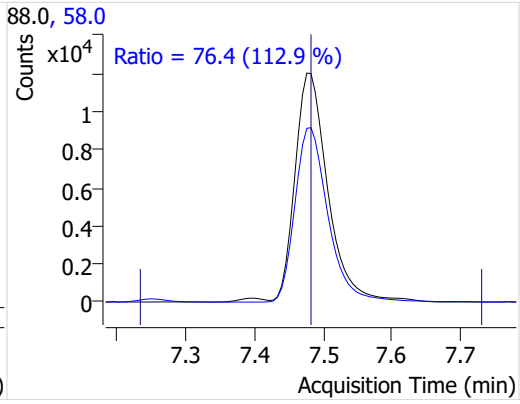


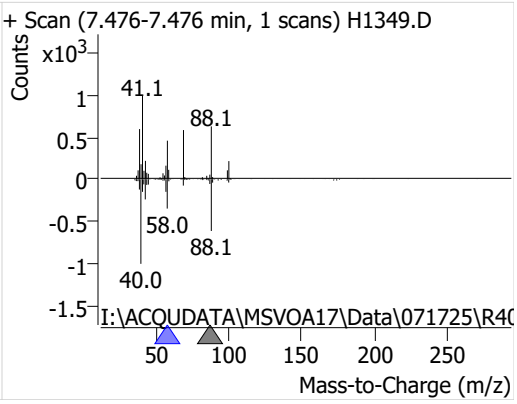


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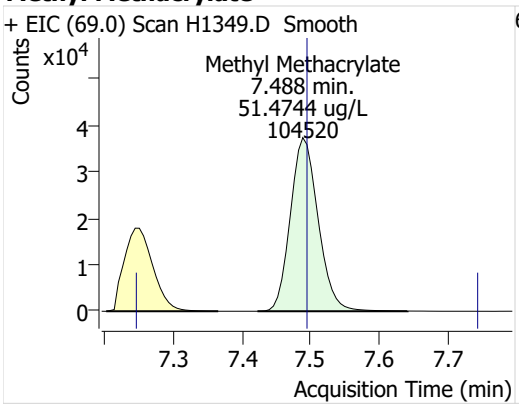
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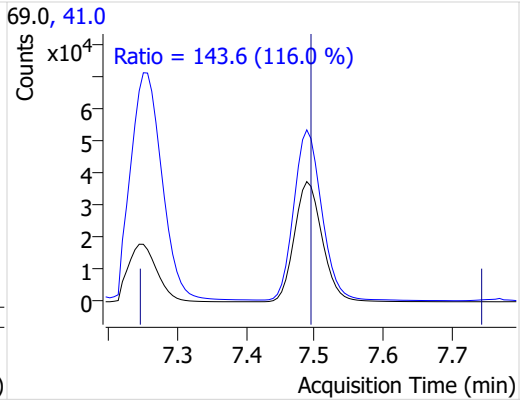


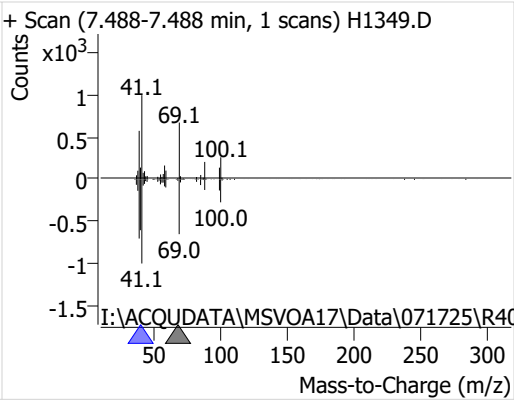




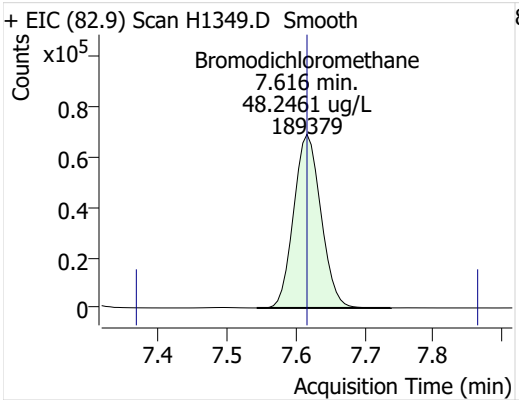
Methyl Methacrylate

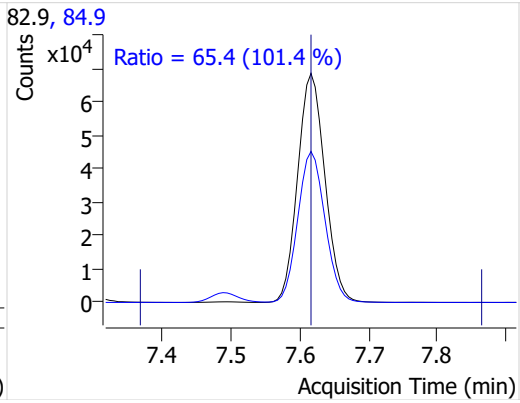


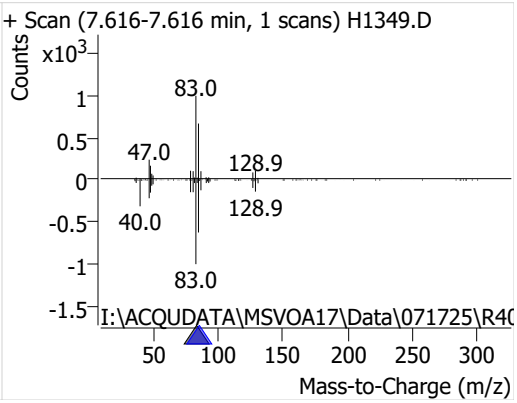




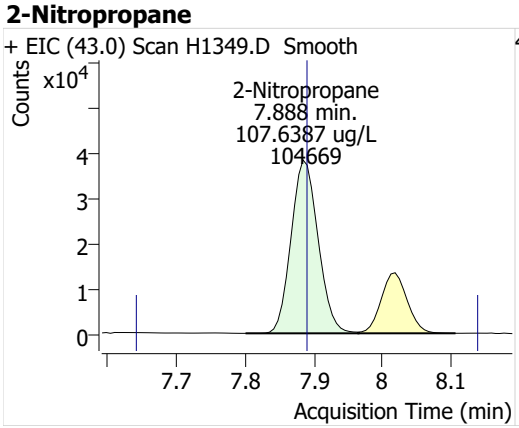
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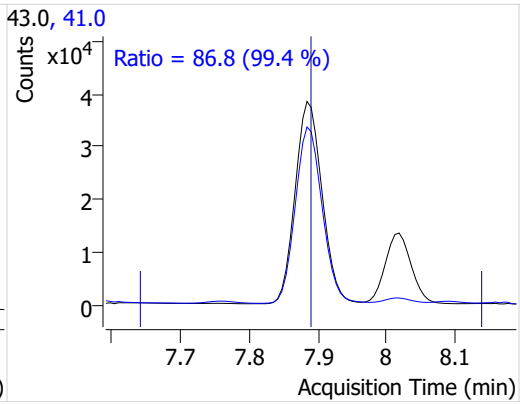


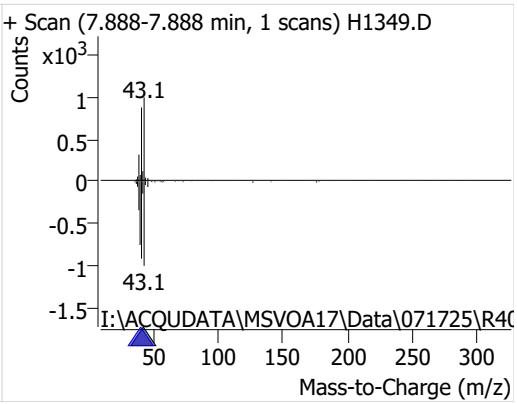




2-Nitropropane

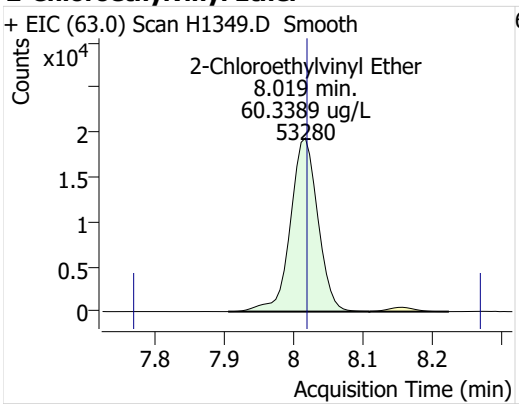


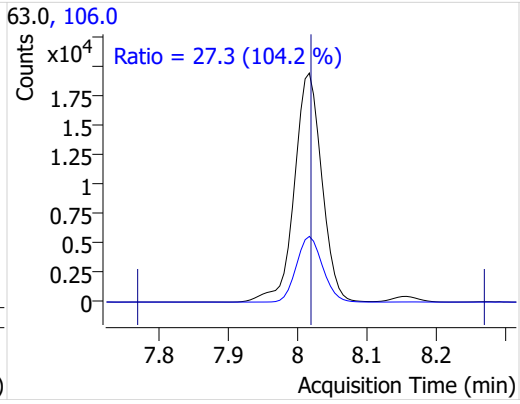


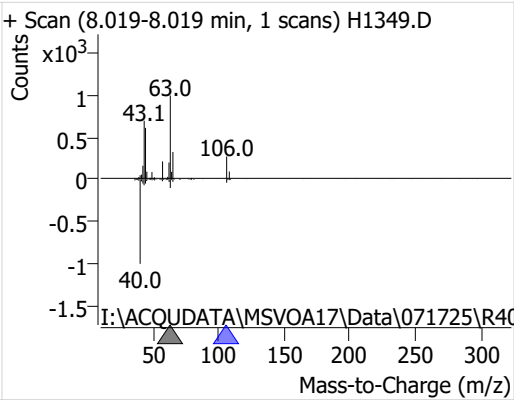


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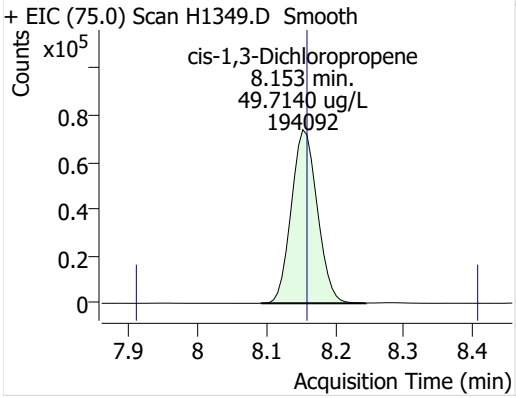
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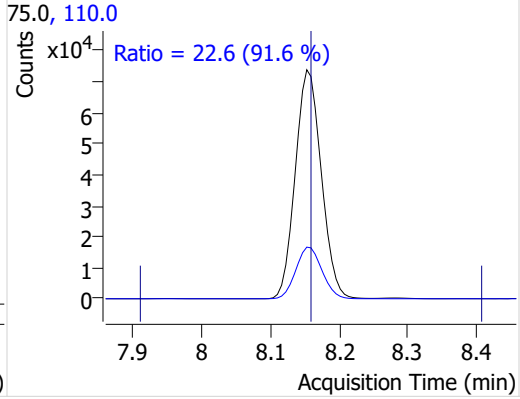


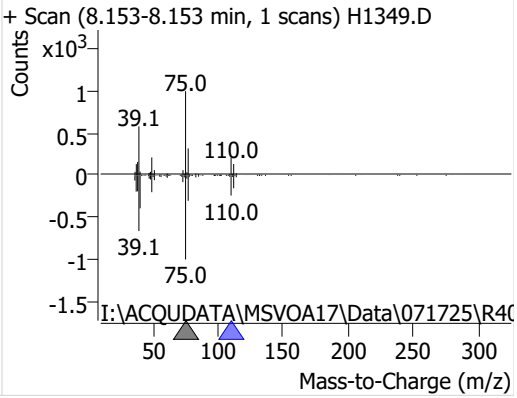




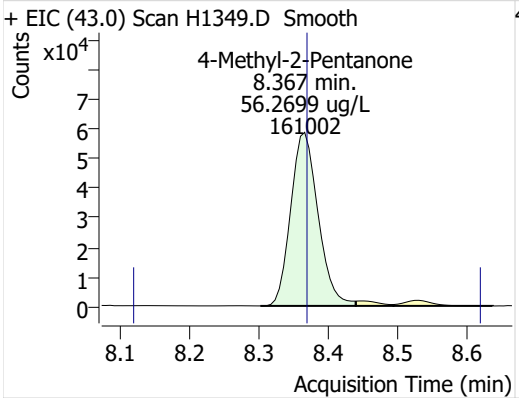
cis-1,3-Dichloropropene

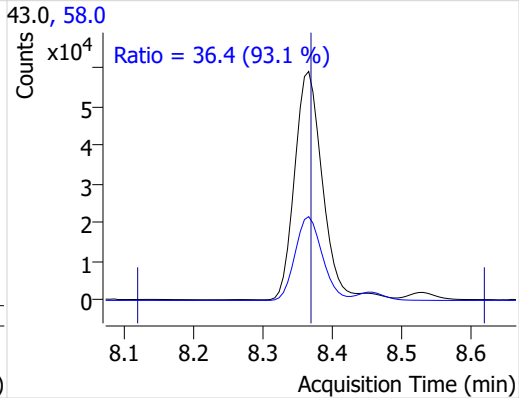


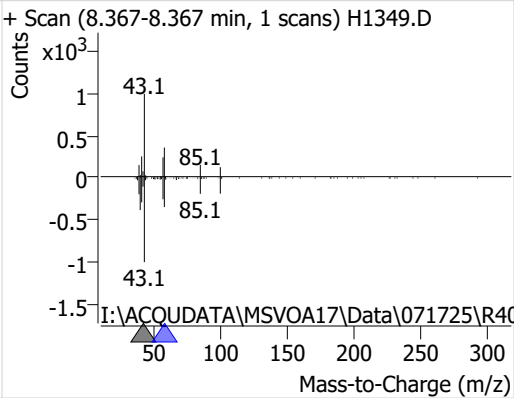




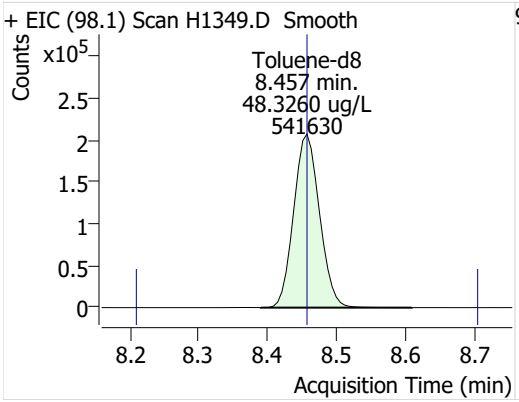
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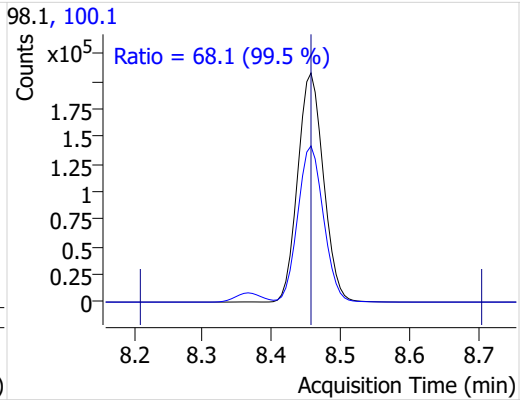


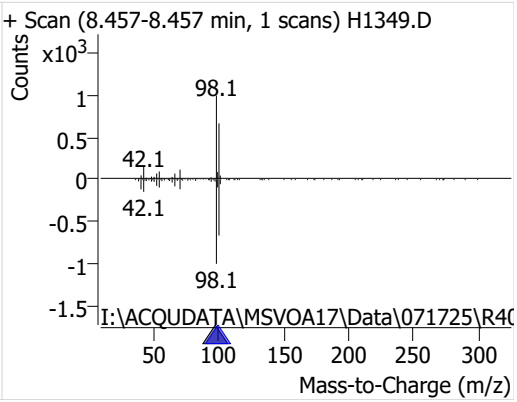




Toluene-d8

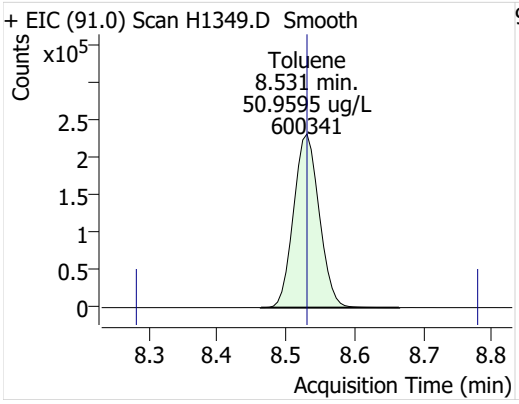


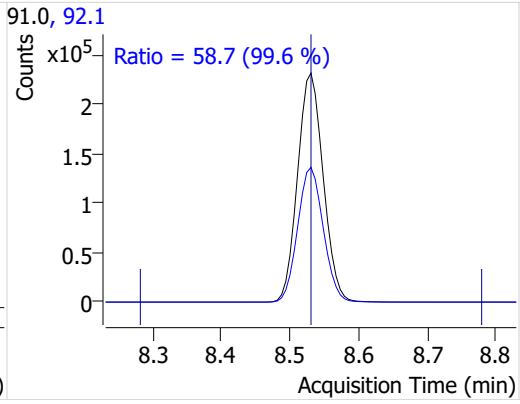


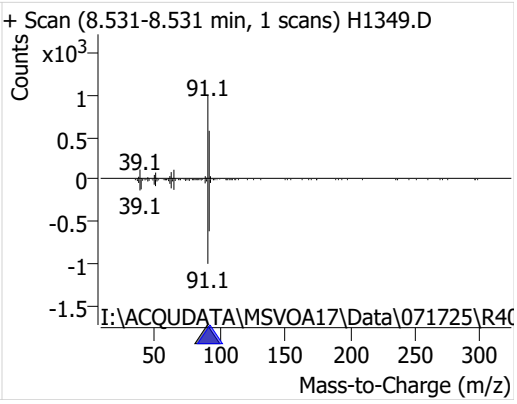


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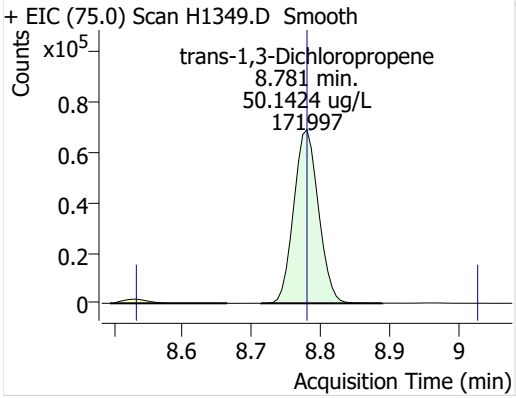
Toluene

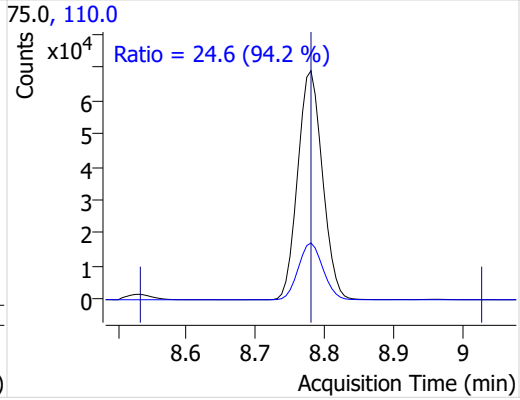


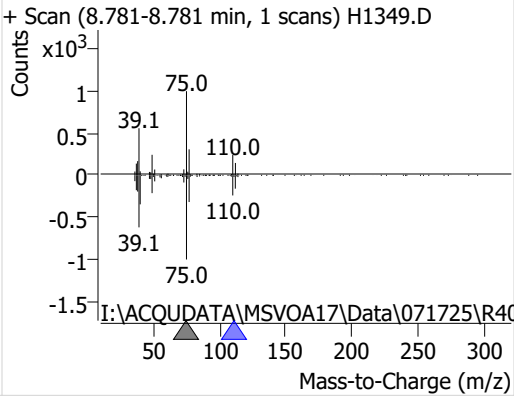




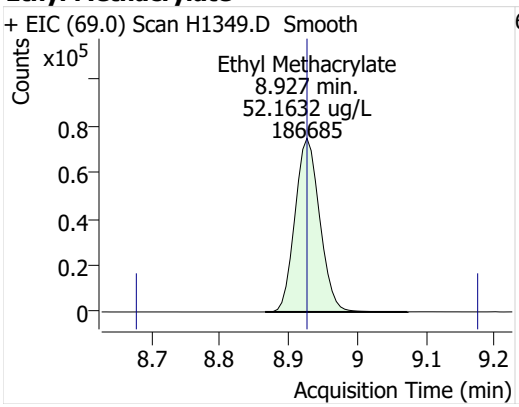
trans-1,3-Dichloropropene

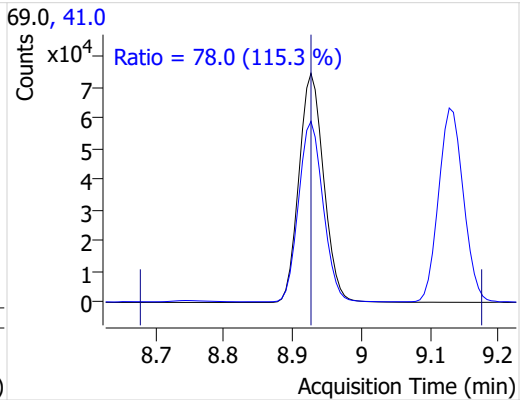


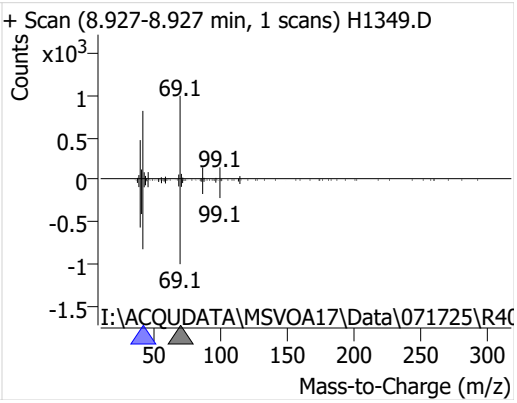




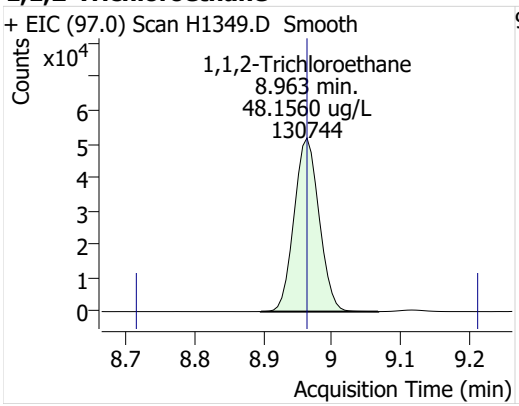
Ethyl Methacrylate

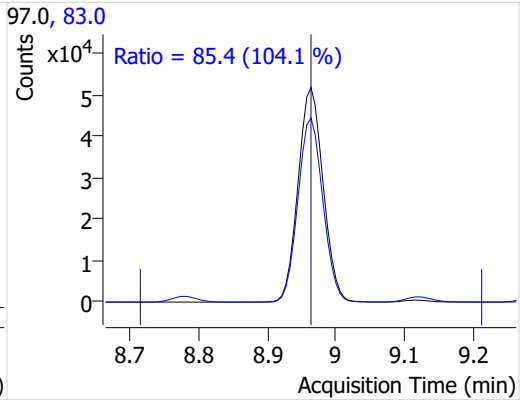


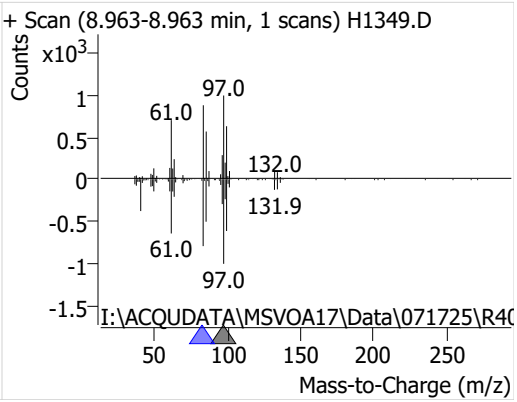




1,1,2-Trichloroethane

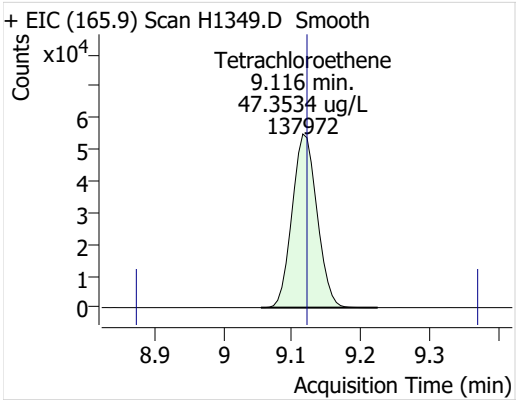


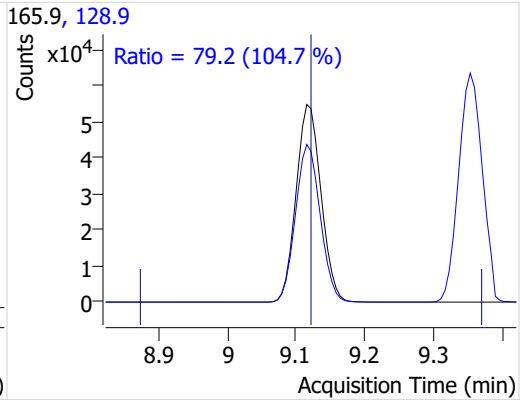


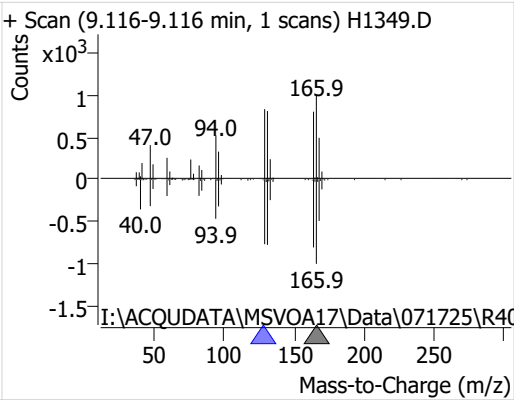


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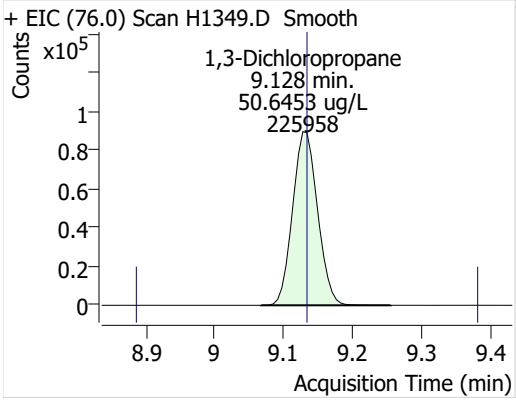
Tetrachloroethene

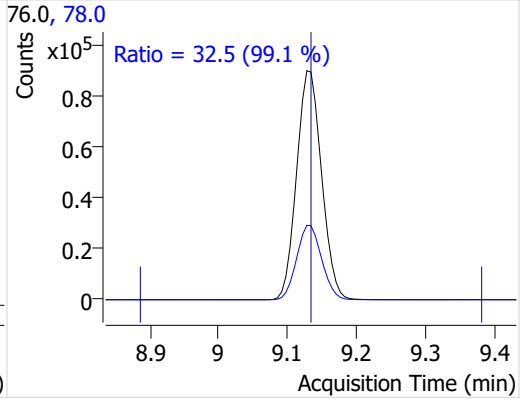


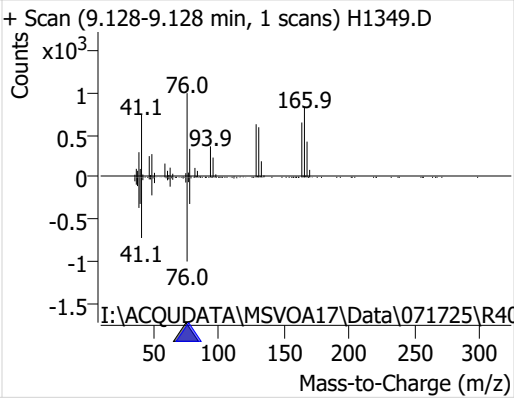




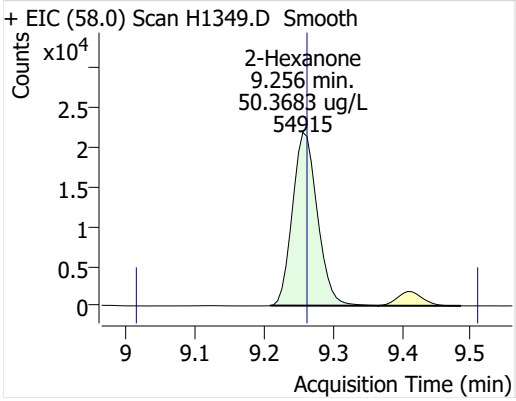
1,3-Dichloropropane

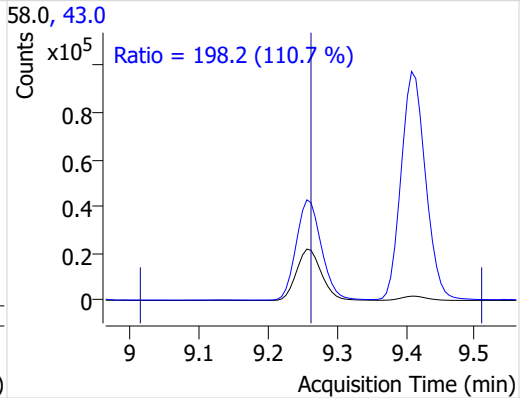


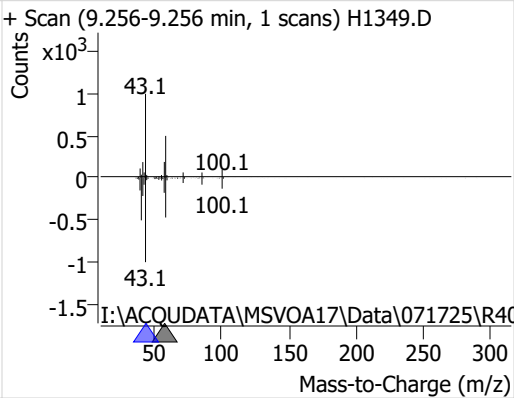




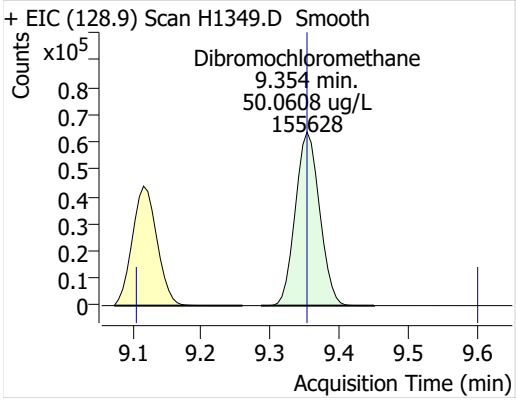
2-Hexanone

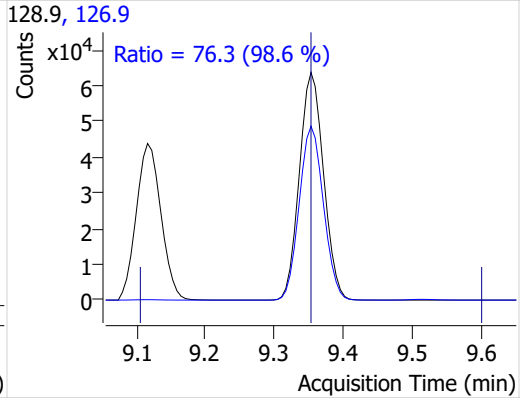


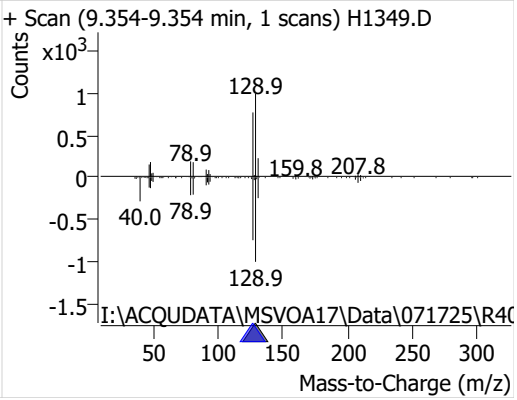




Dibromochloromethane

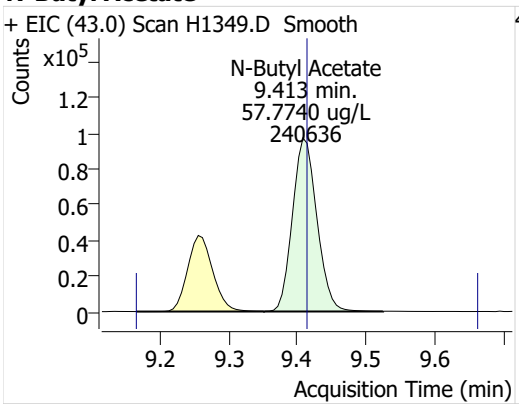


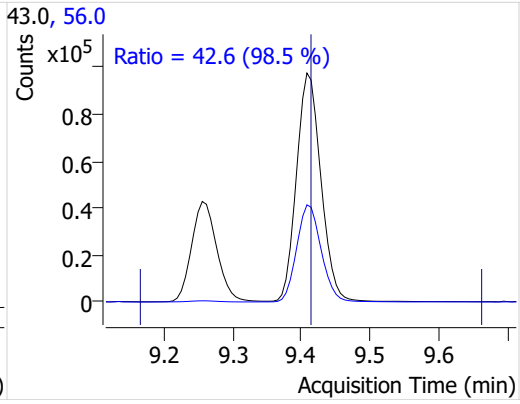


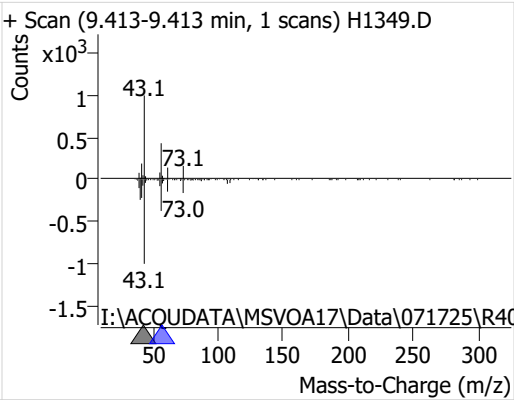


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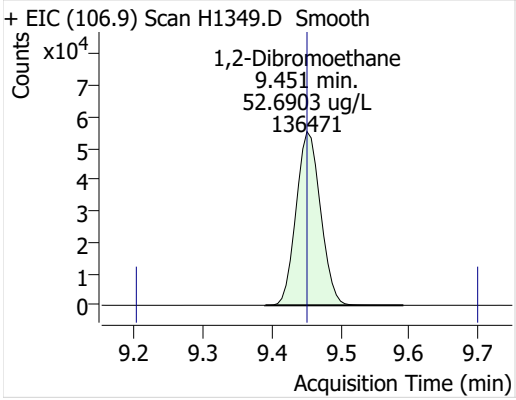
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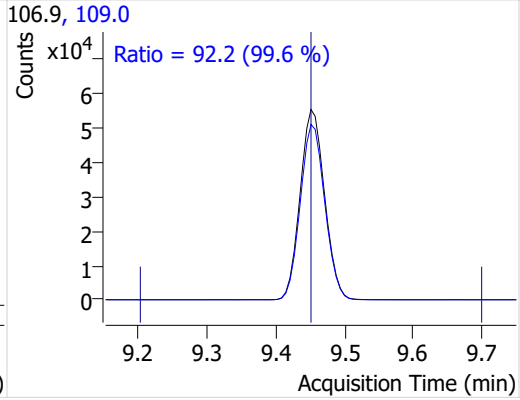


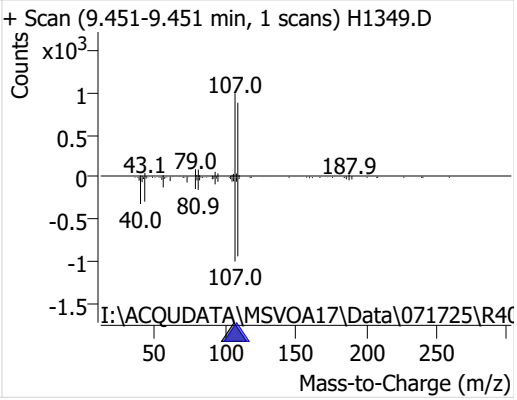




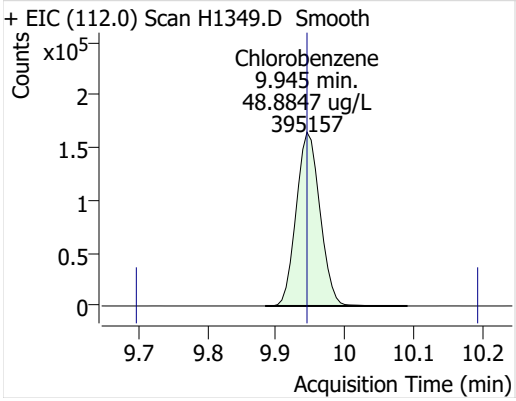
1,2-Dibromoethane

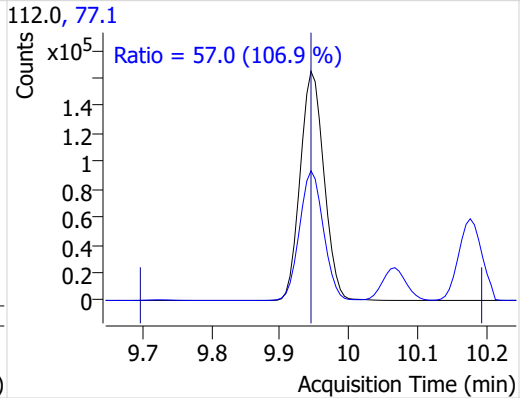


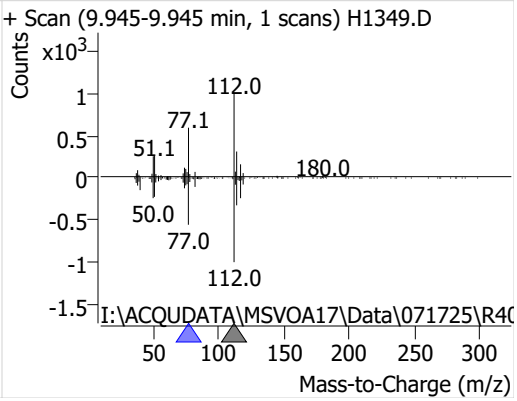




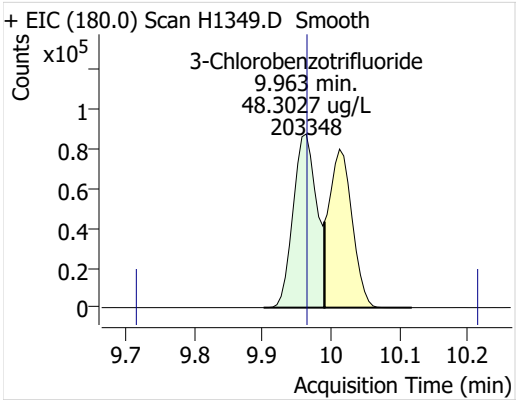
Chlorobenzene

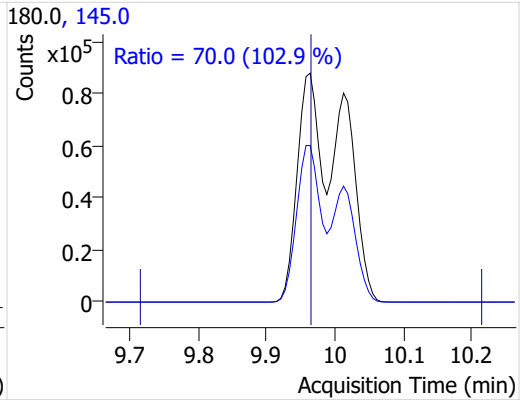


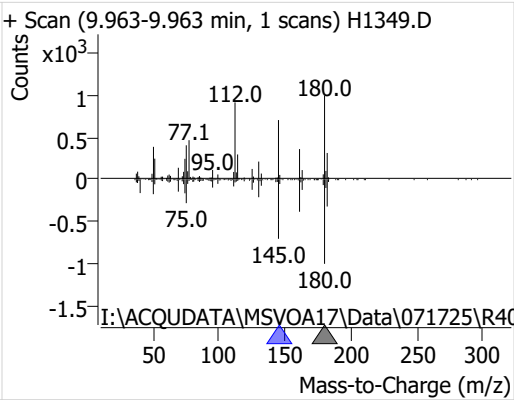




3-Chlorobenzotrifluoride

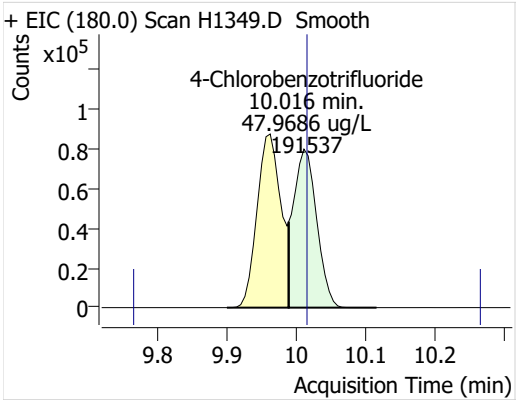


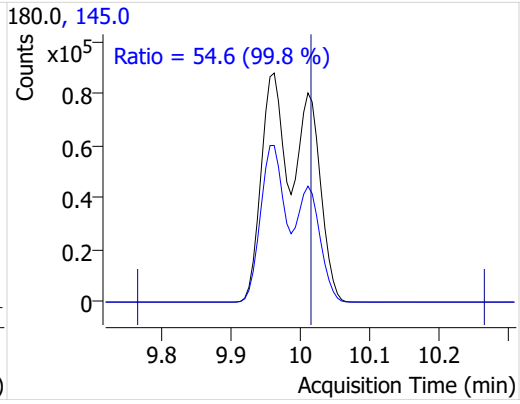


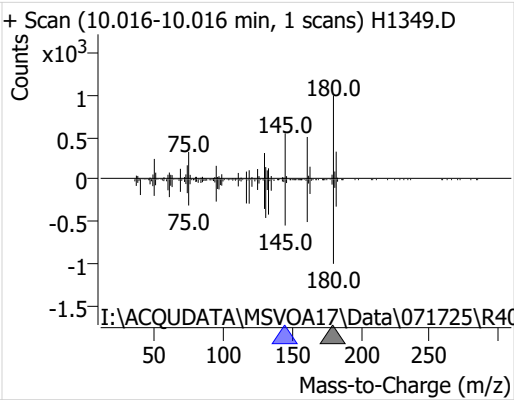


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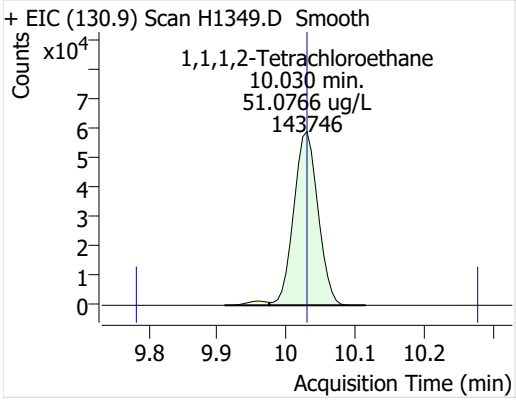
4-Chlorobenzotrifluoride

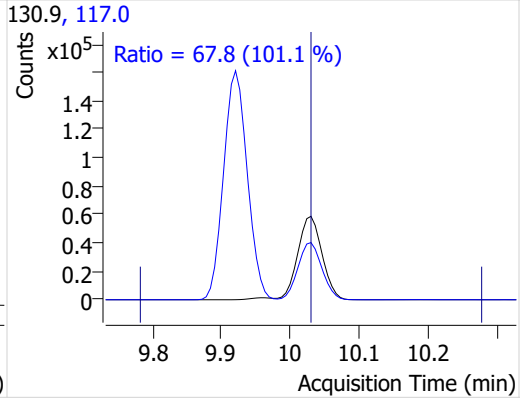


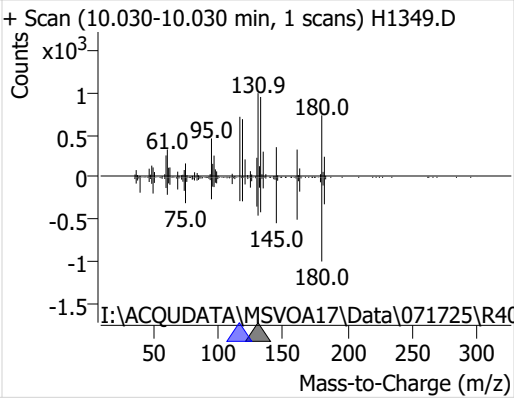




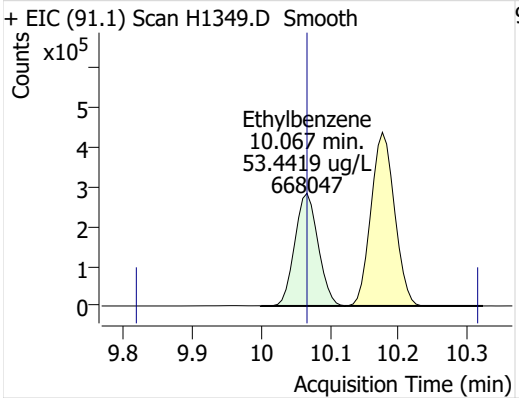
1,1,1,2-Tetrachloroethane

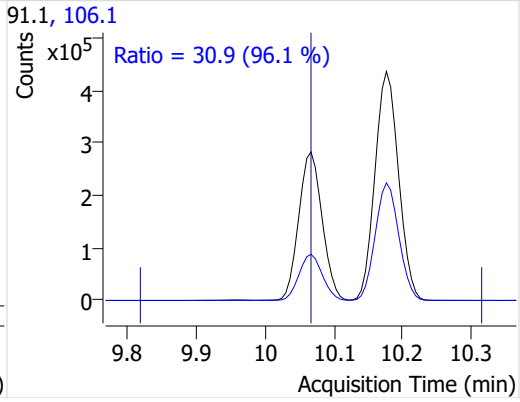


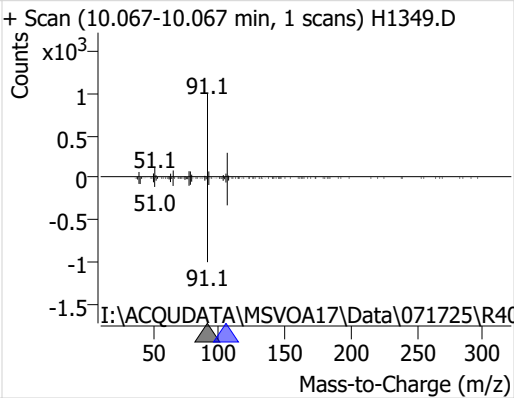




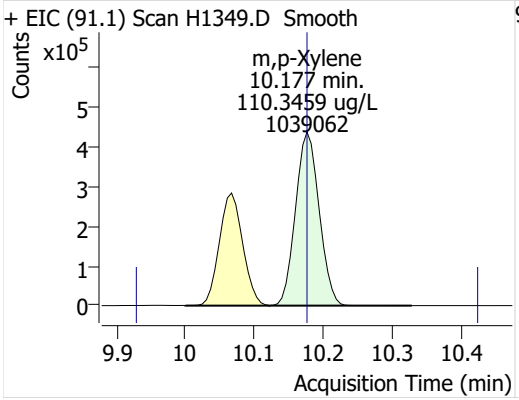
Ethylbenzene

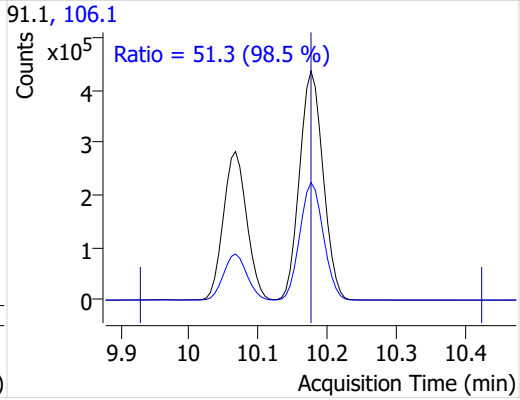


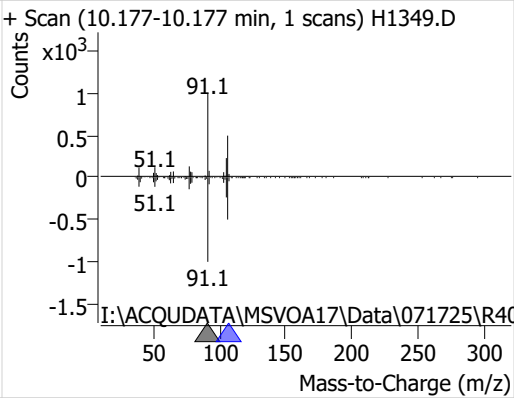




m,p-Xylene

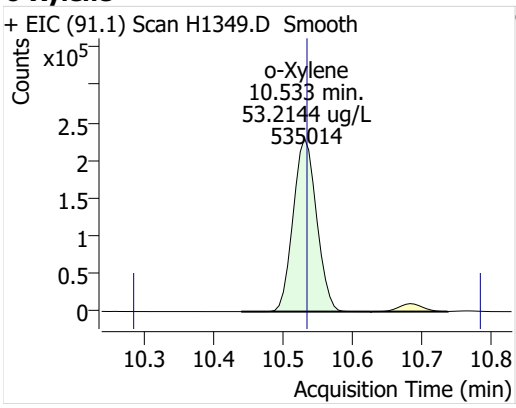


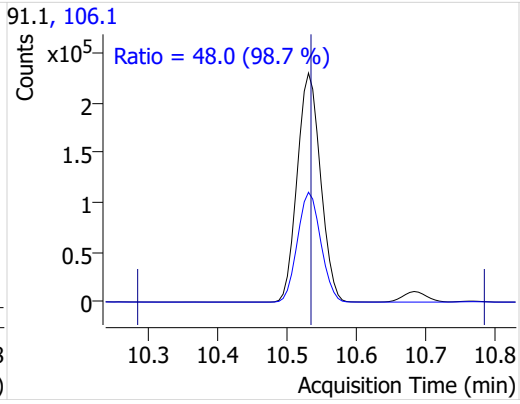


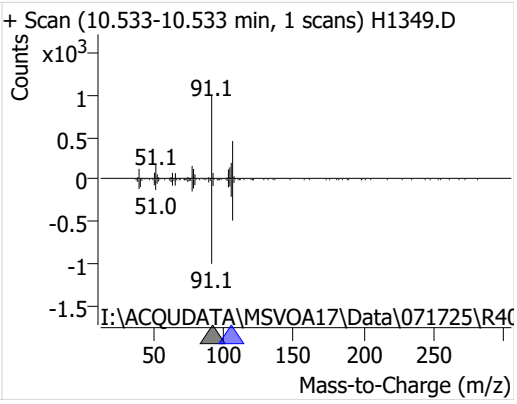


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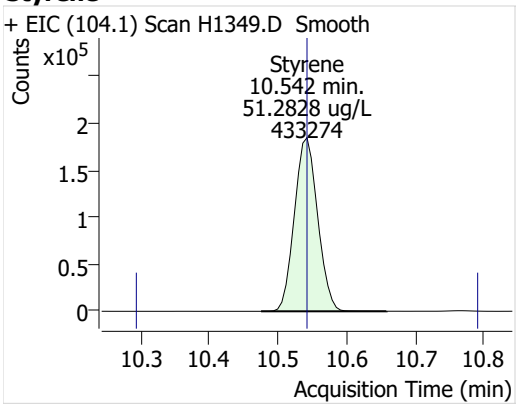
o-Xylene

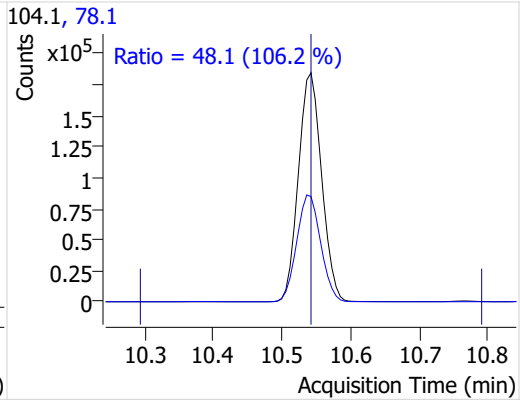


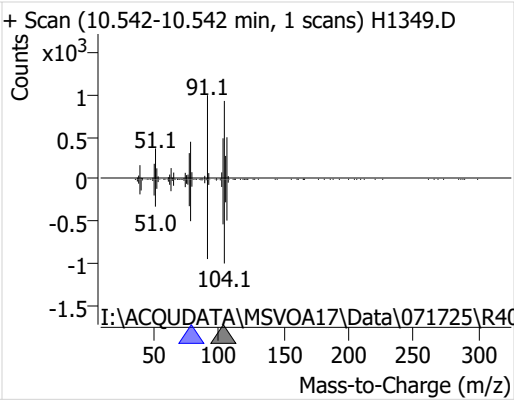




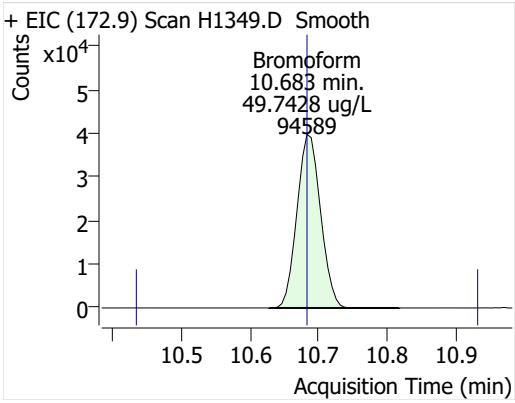
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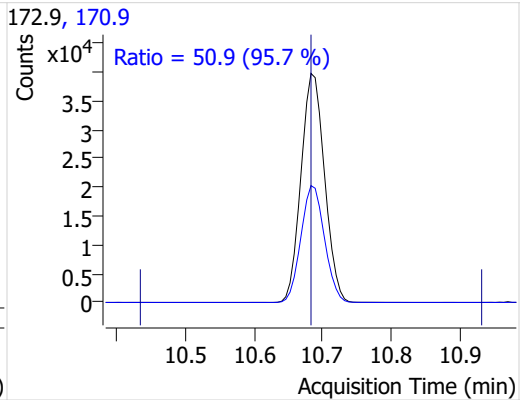


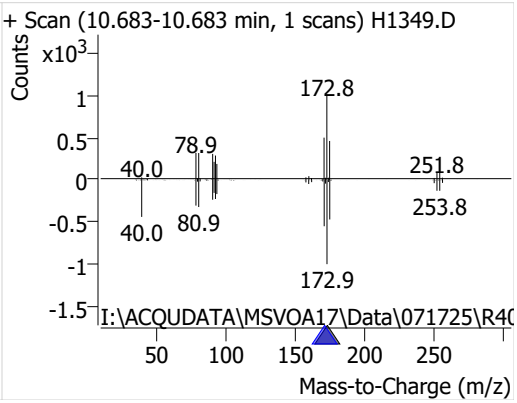




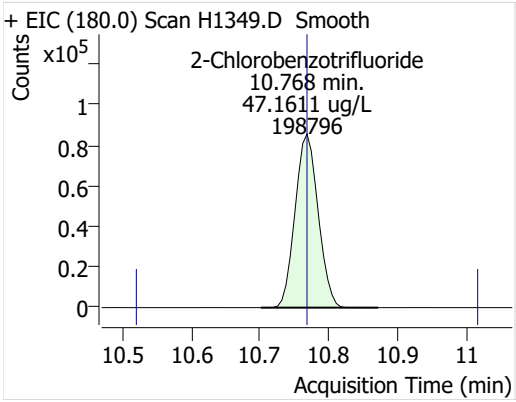
Bromoform

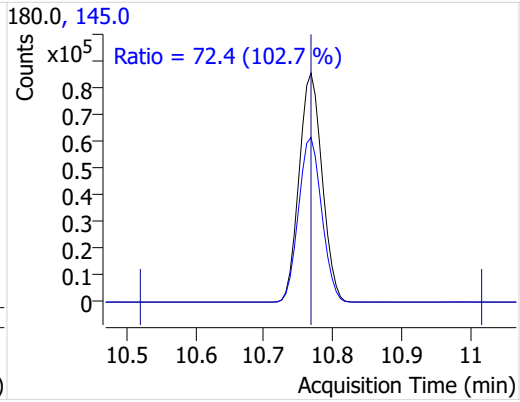


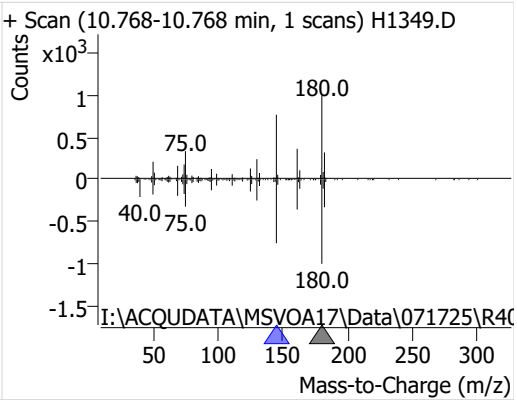




2-Chlorobenzotrifluoride

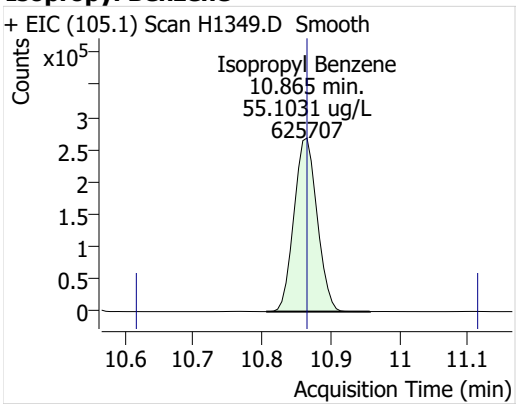


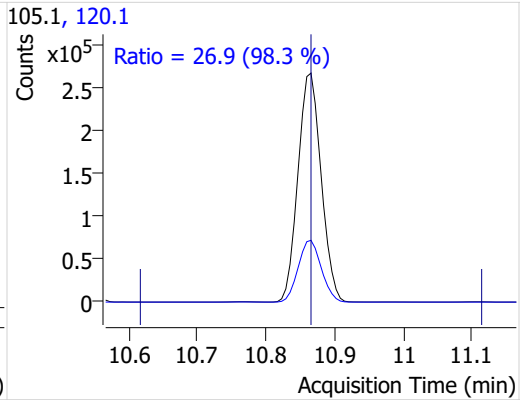


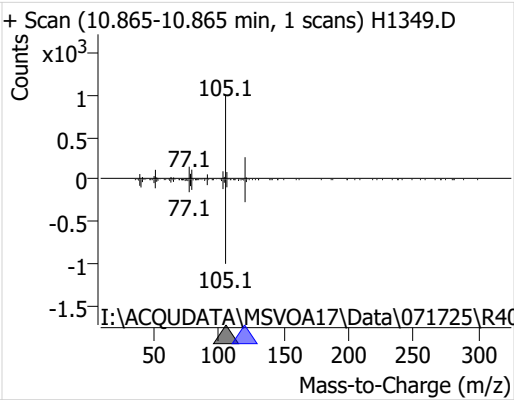


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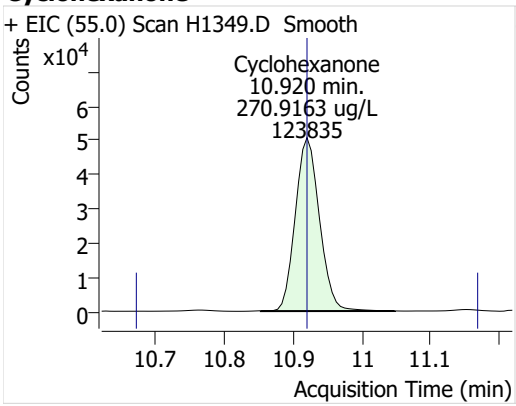
Isopropyl Benzene

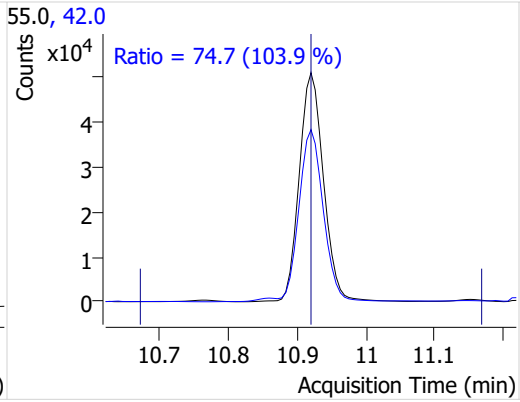


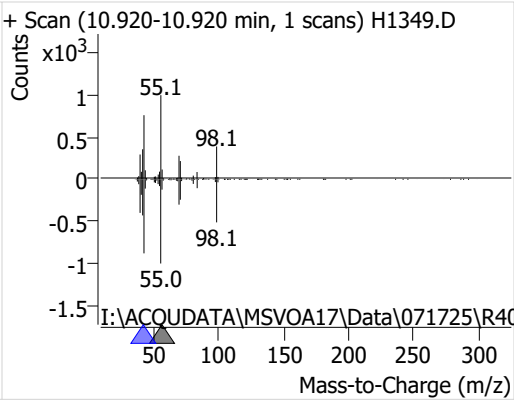




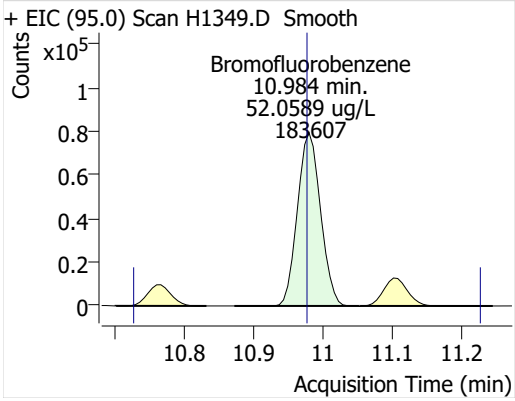
Cyclohexanone

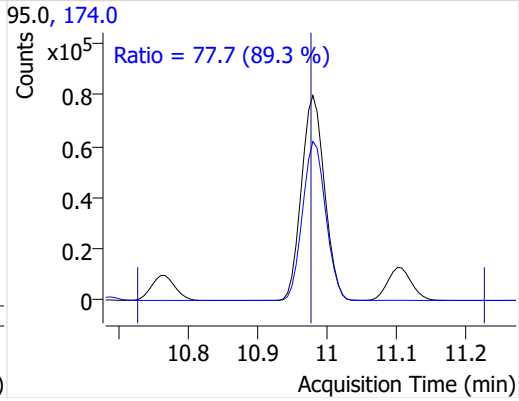


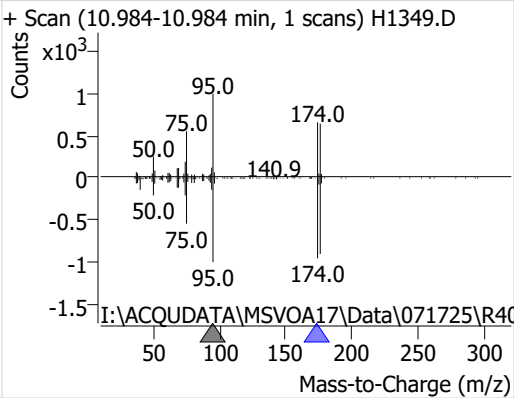




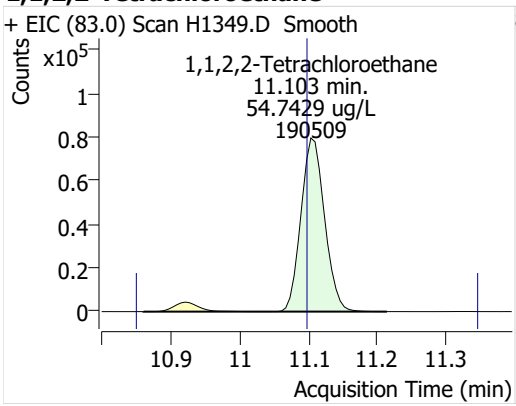
Bromofluorobenzene

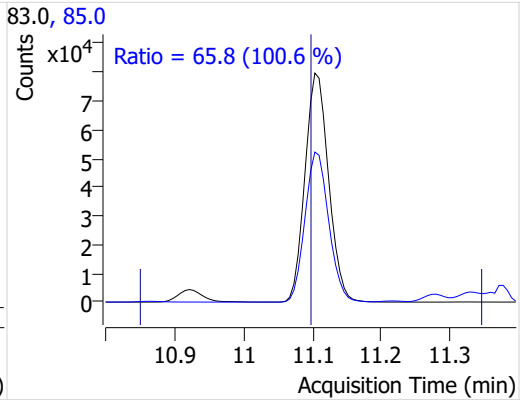


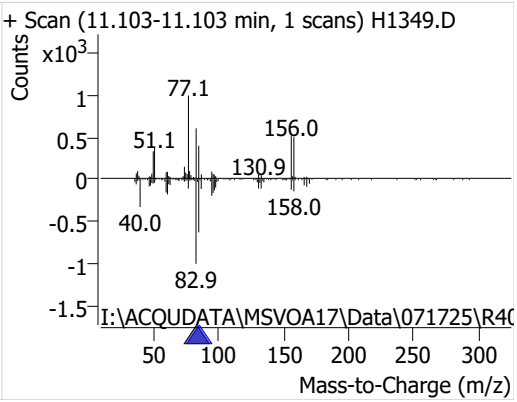




1,1,2,2-Tetrachloroethane

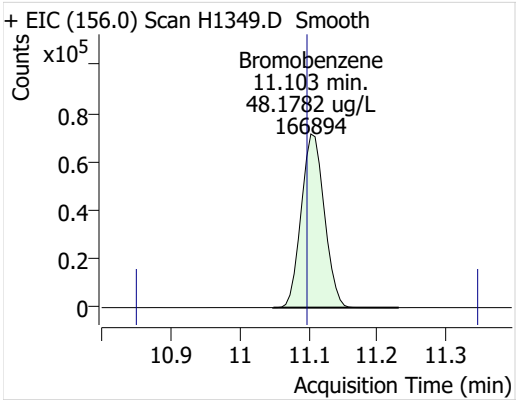


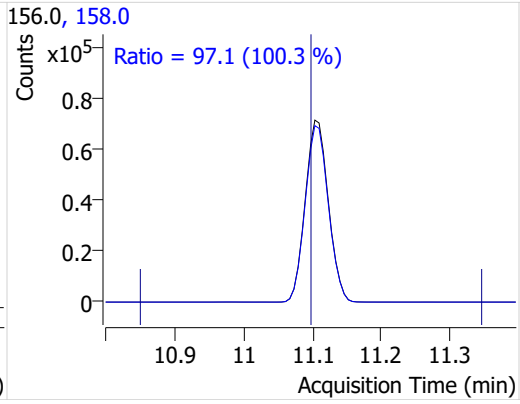


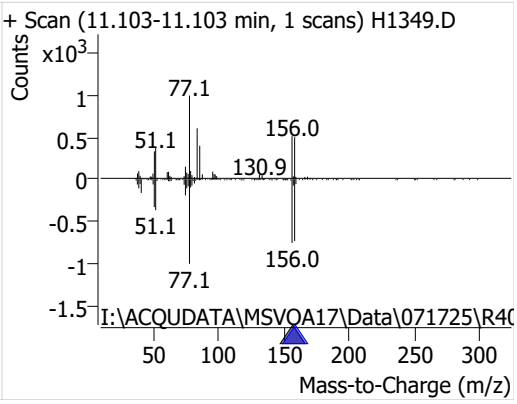


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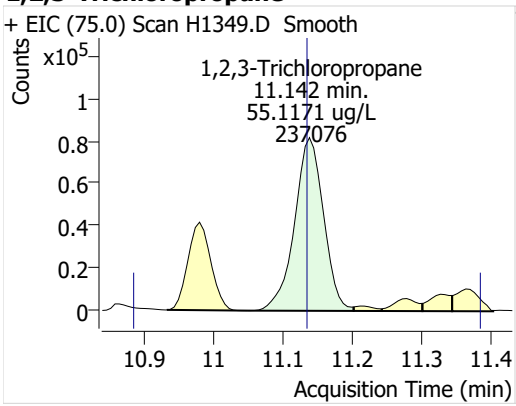
Bromobenzene

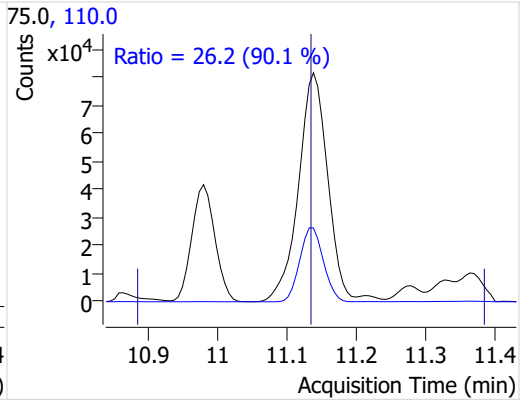


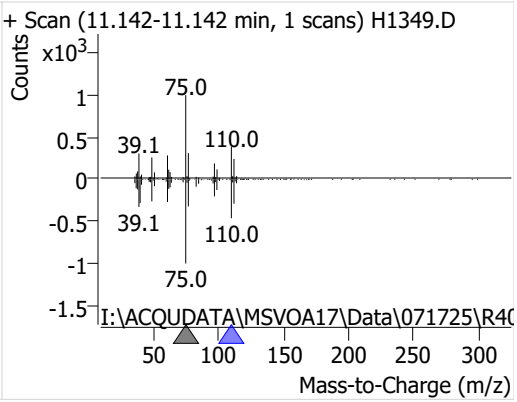




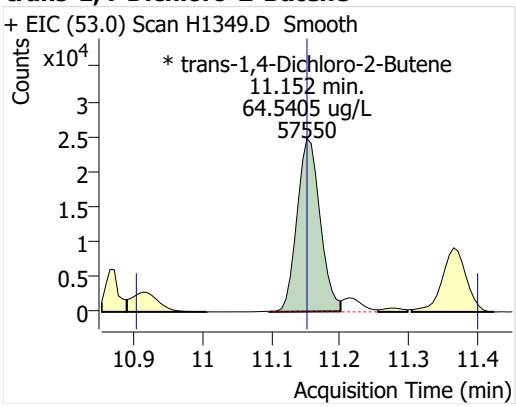
1,2,3-Trichloropropane

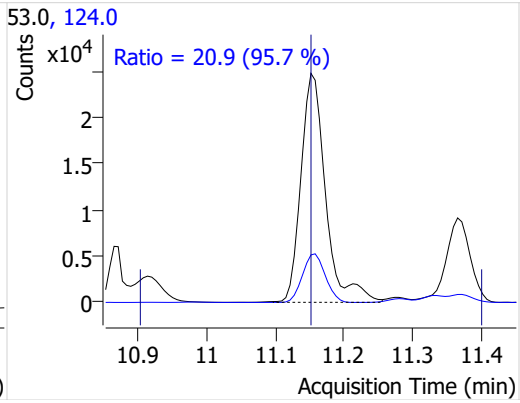


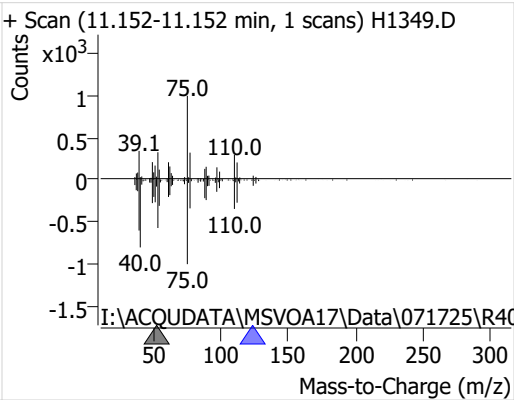




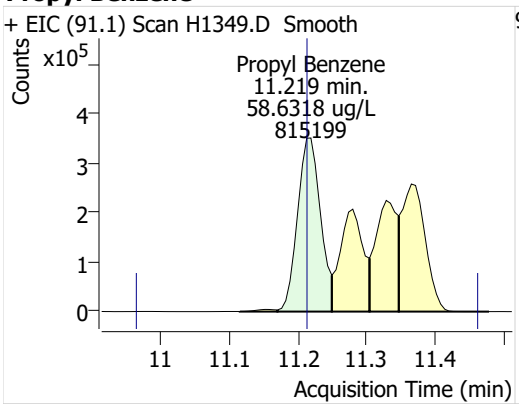
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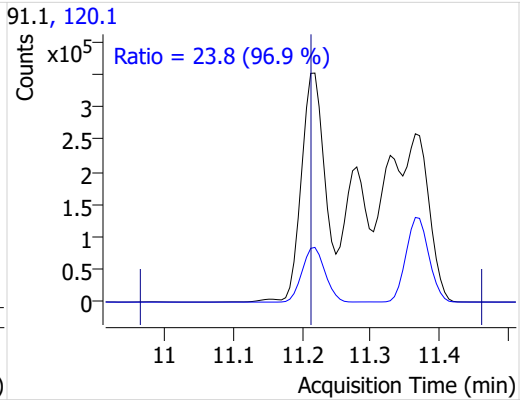


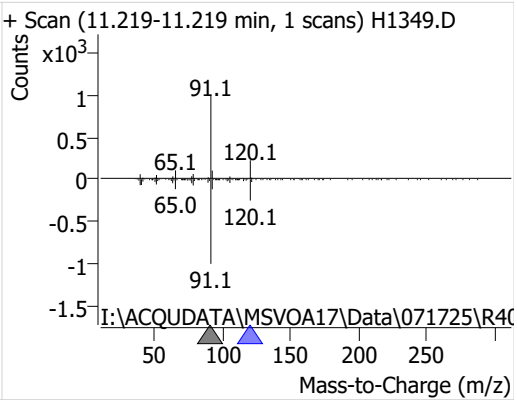




Propyl Benzene

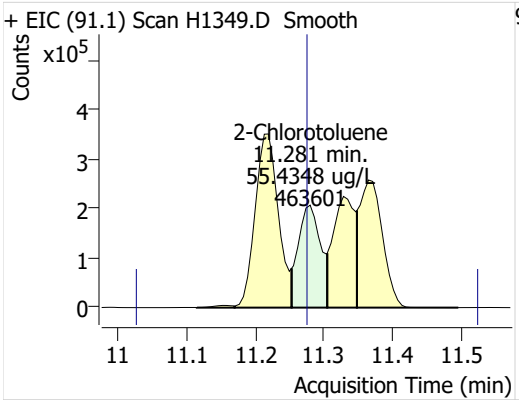


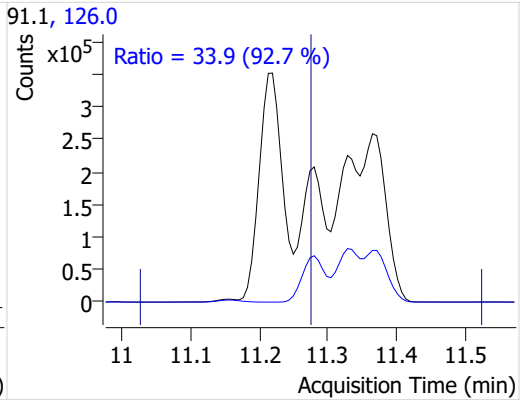


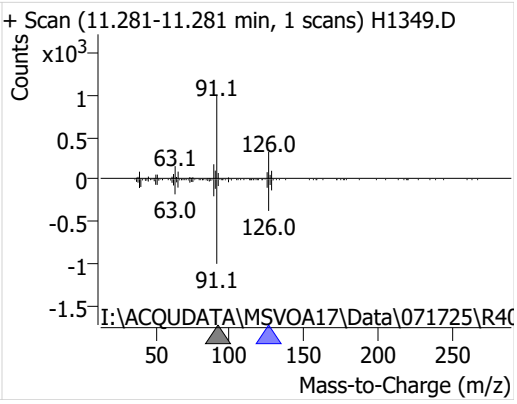


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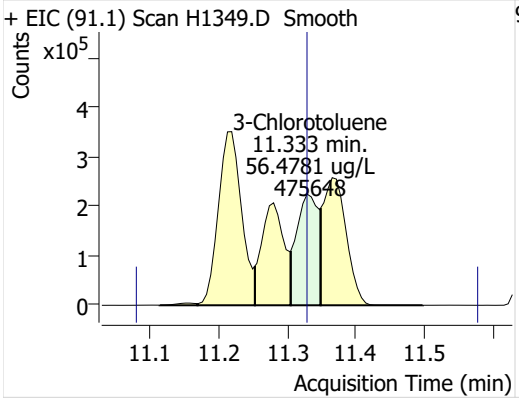
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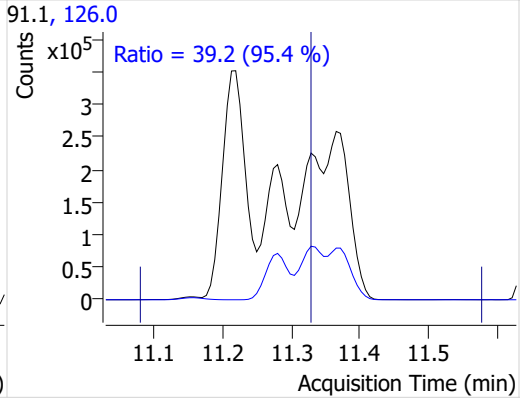


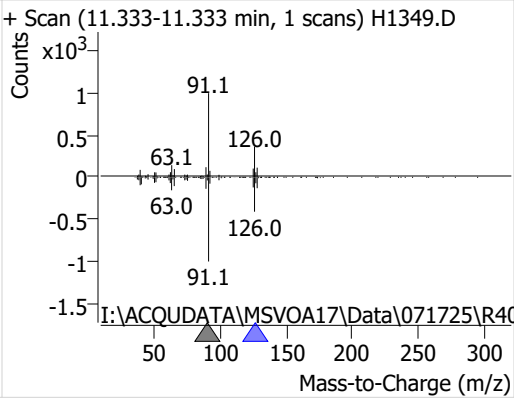




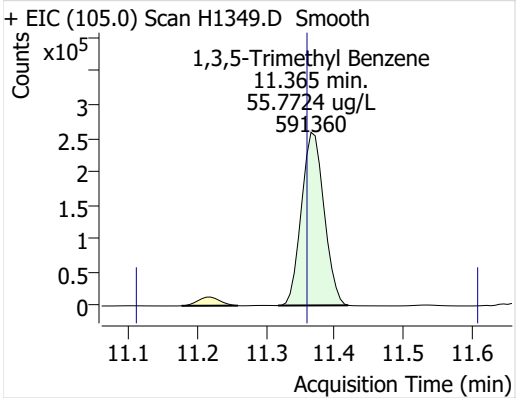
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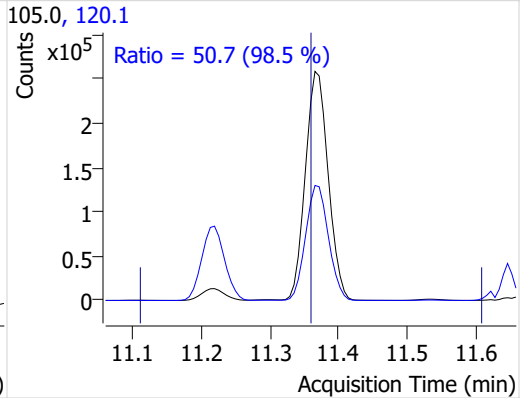


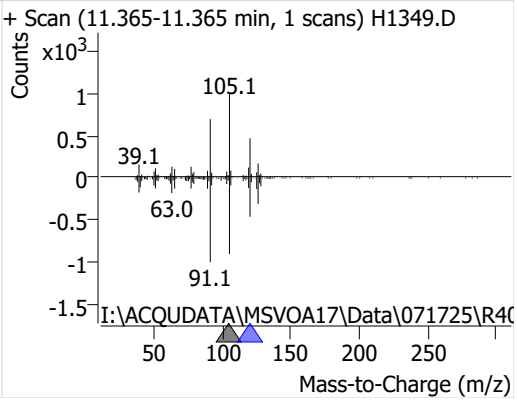




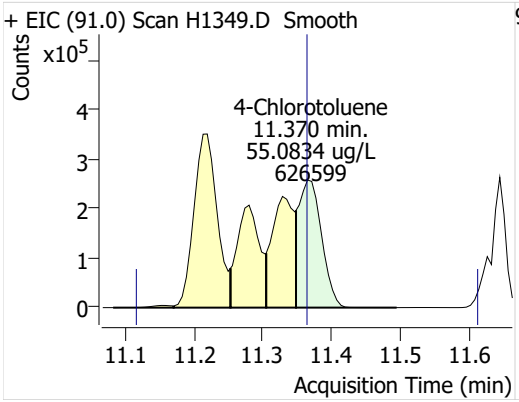
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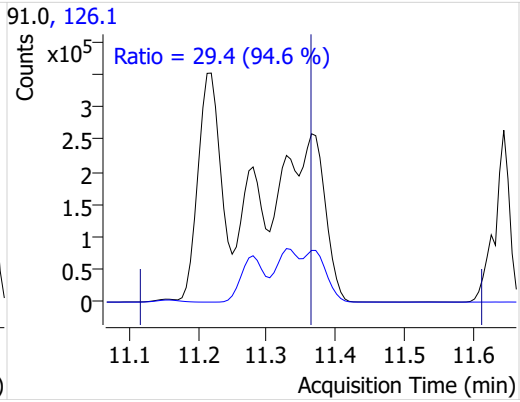


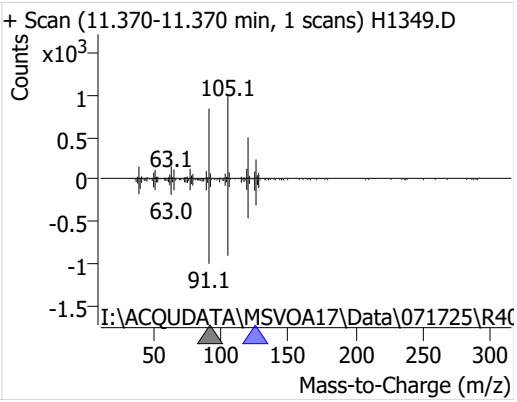




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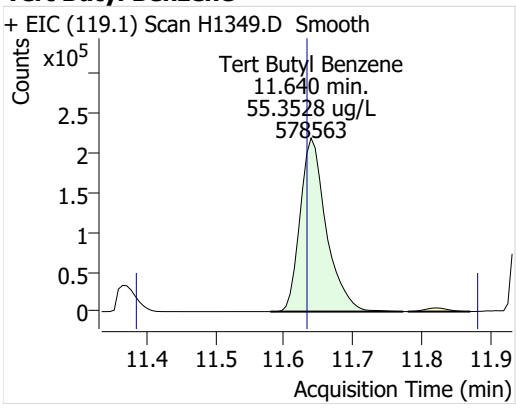


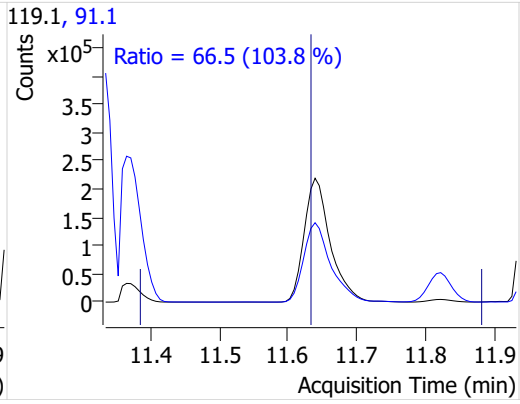


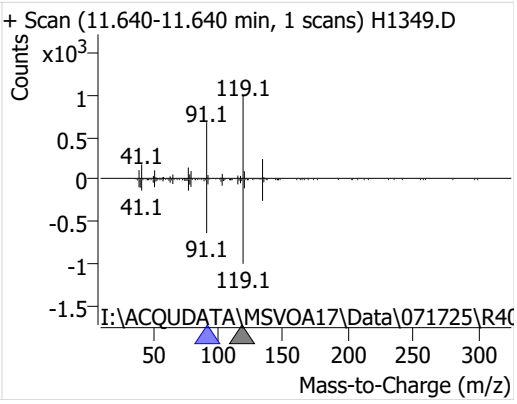


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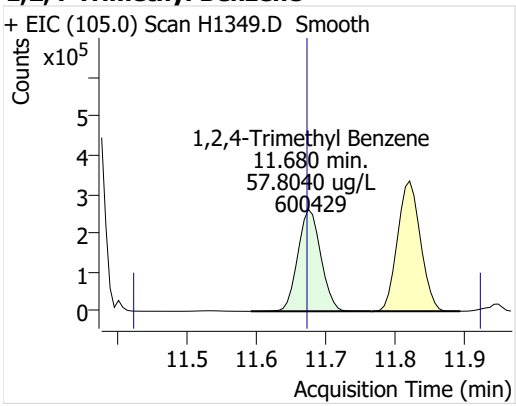
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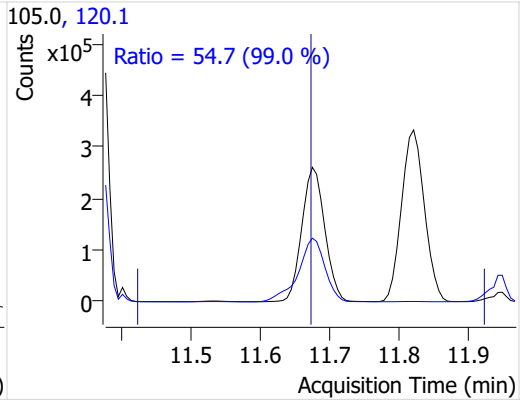


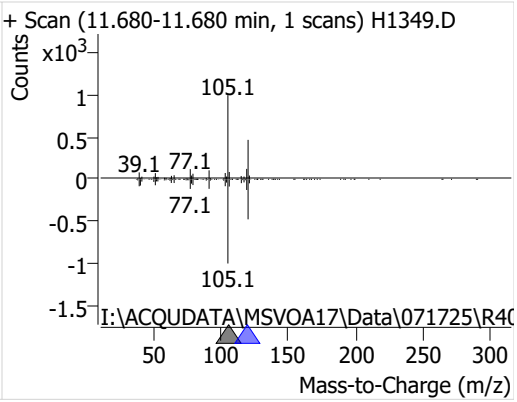




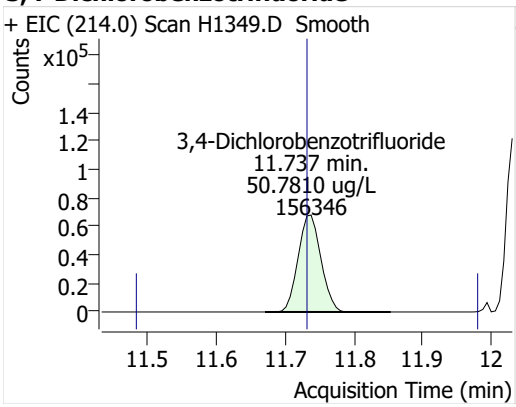
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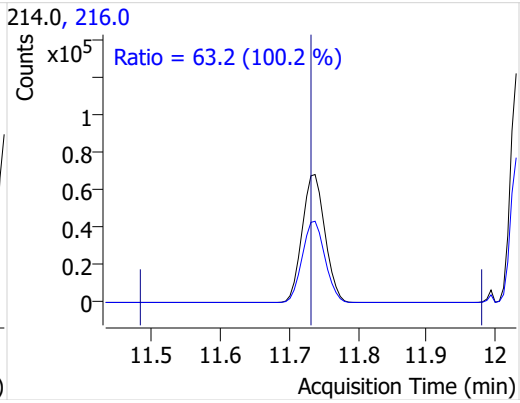


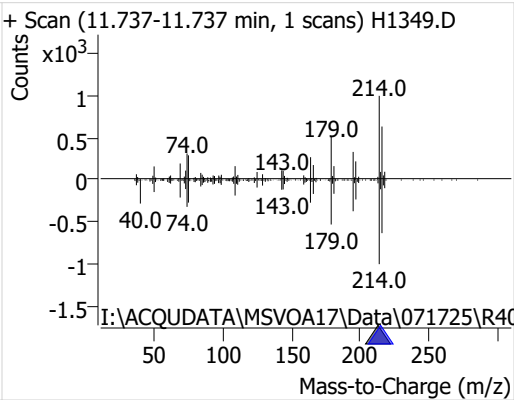




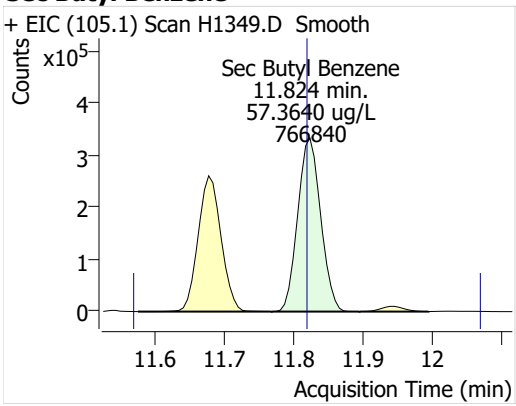
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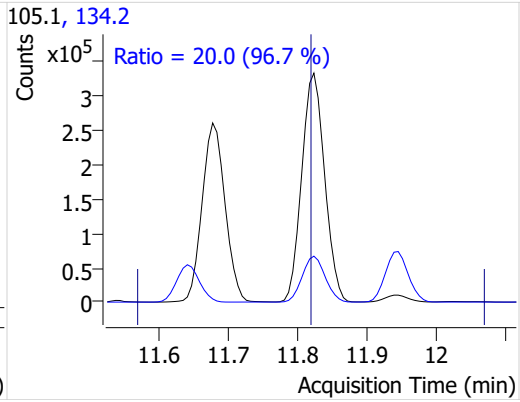


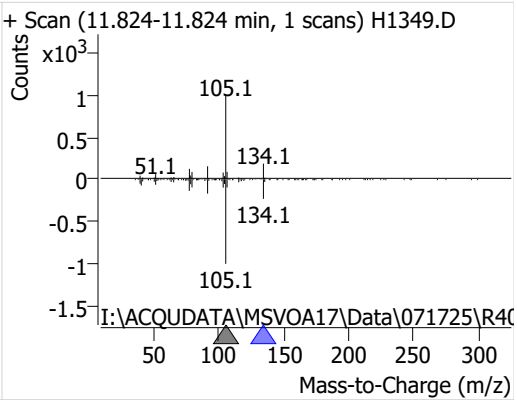




Sec Butyl Benzene

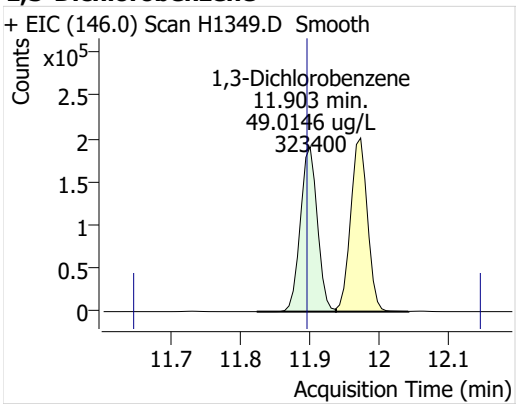


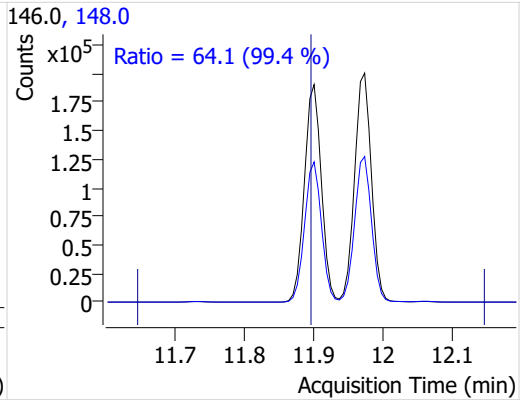


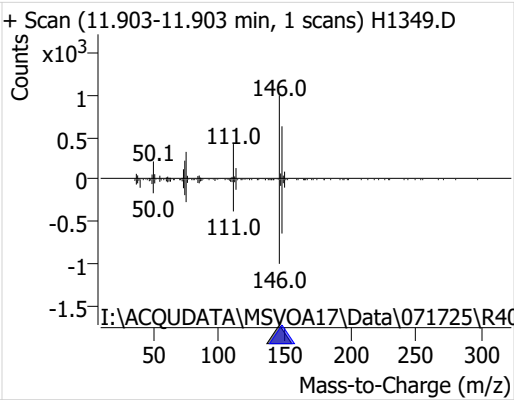


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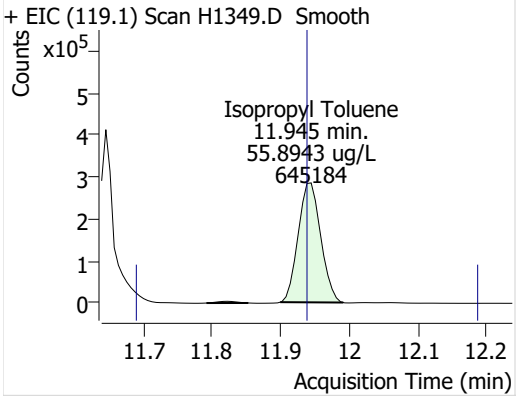
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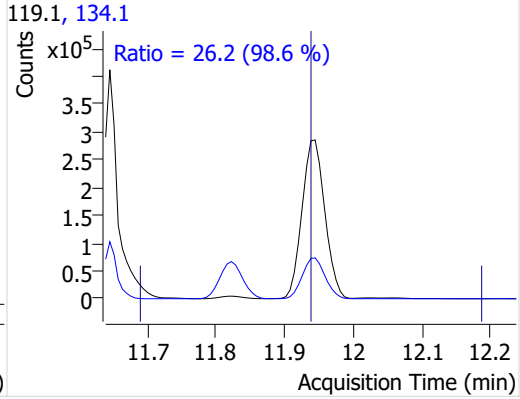


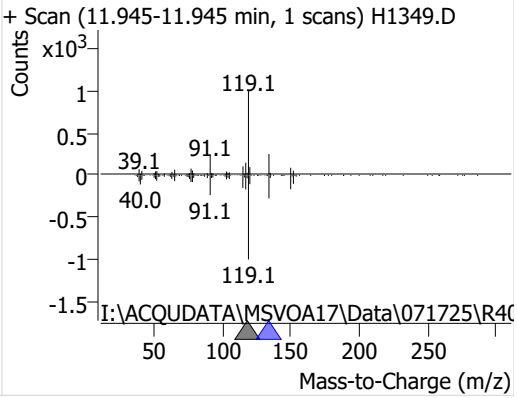




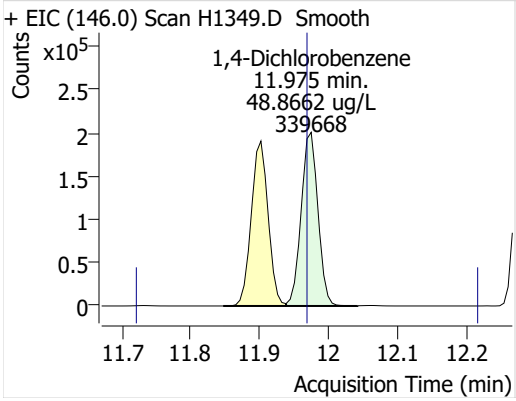
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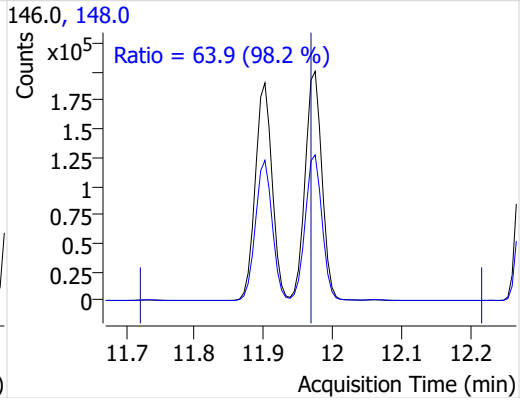


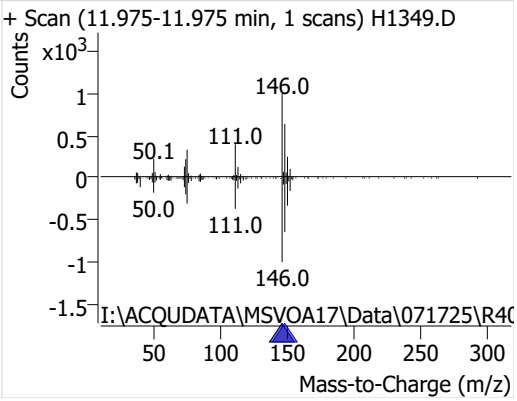




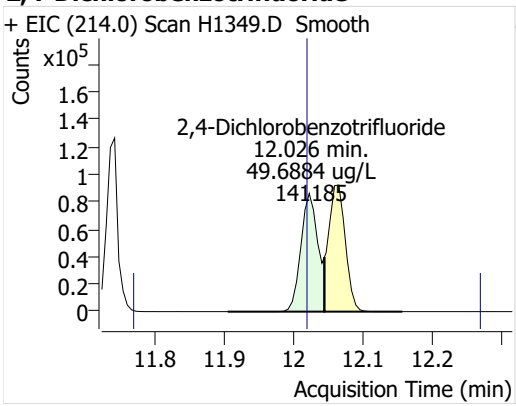
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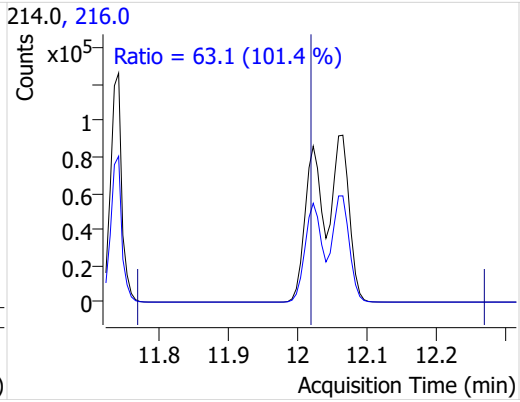


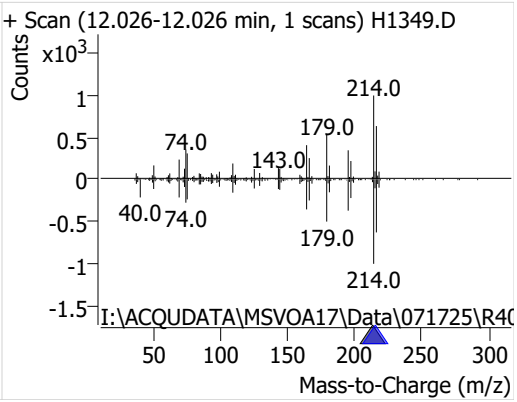




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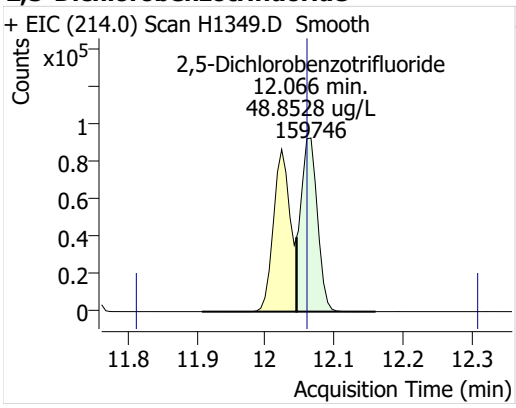


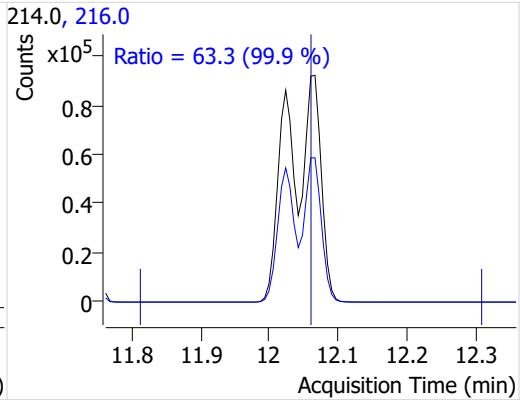


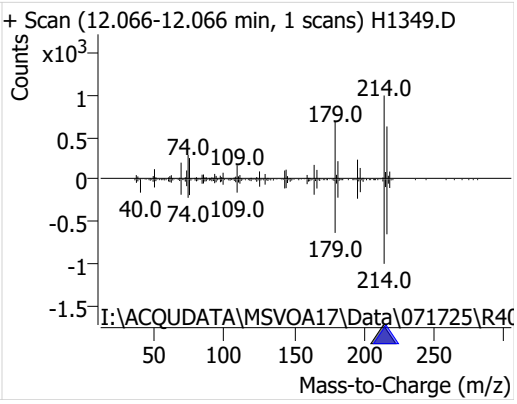


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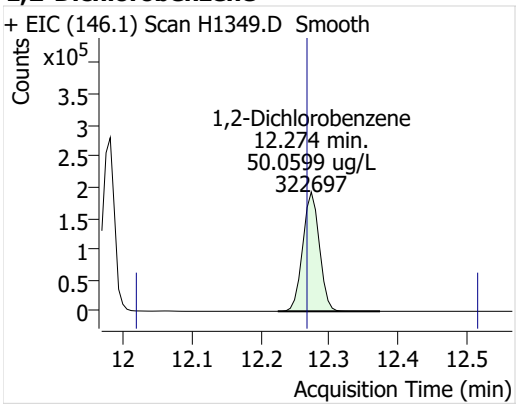
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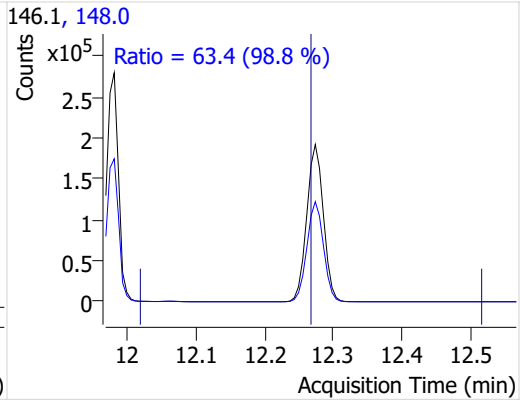


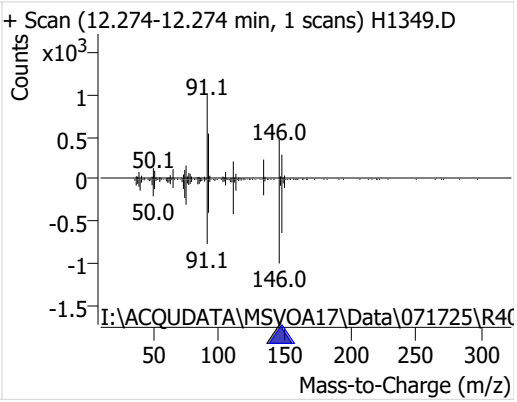




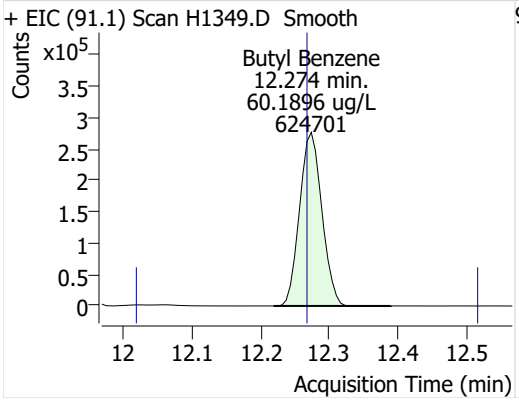
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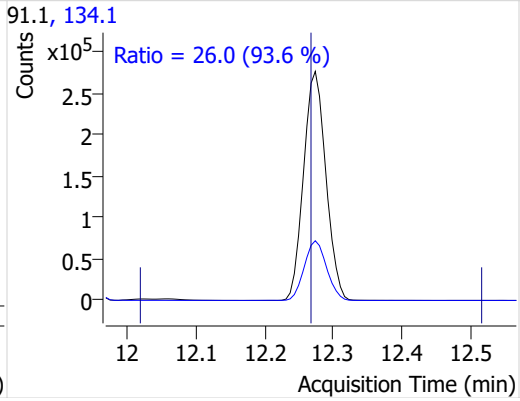


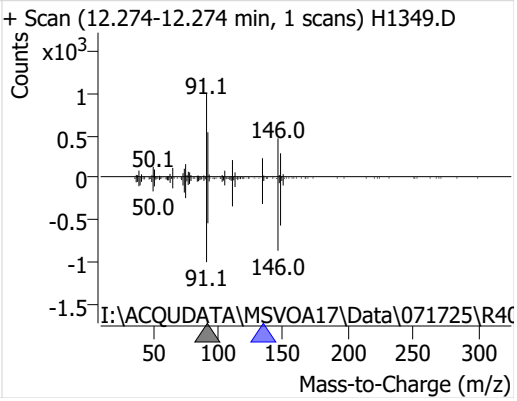




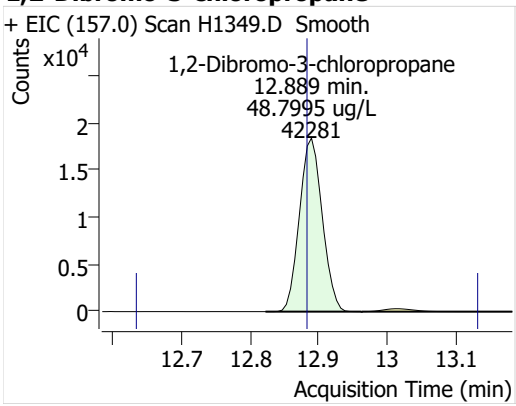
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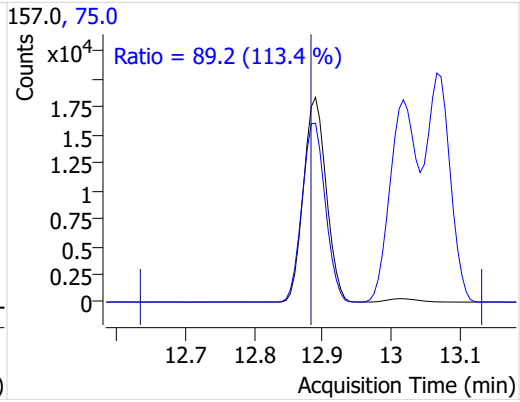


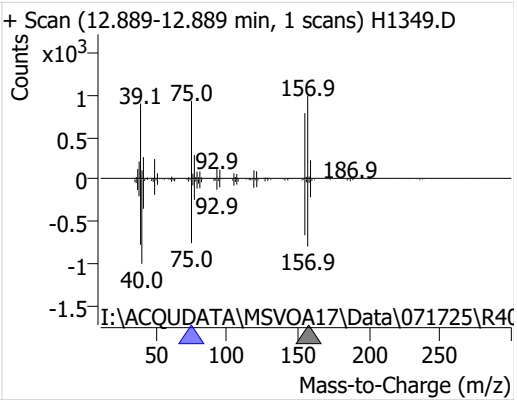




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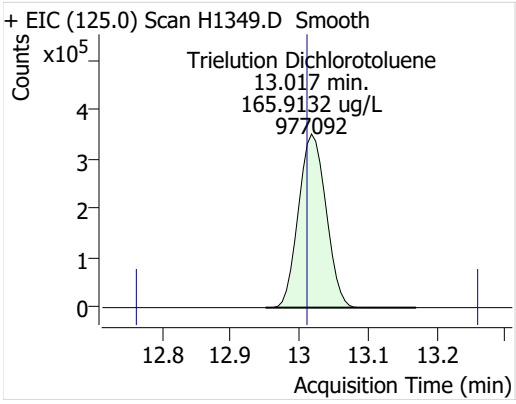


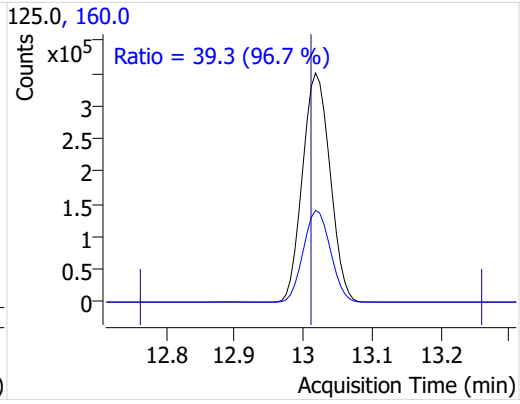


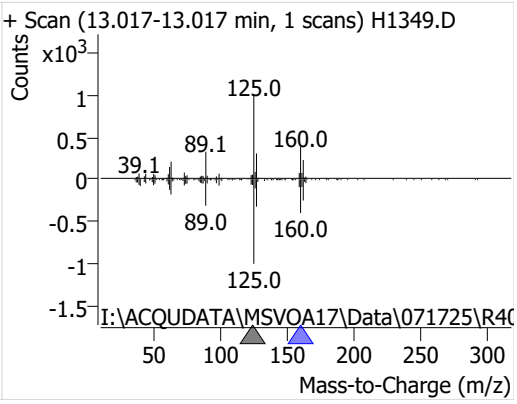


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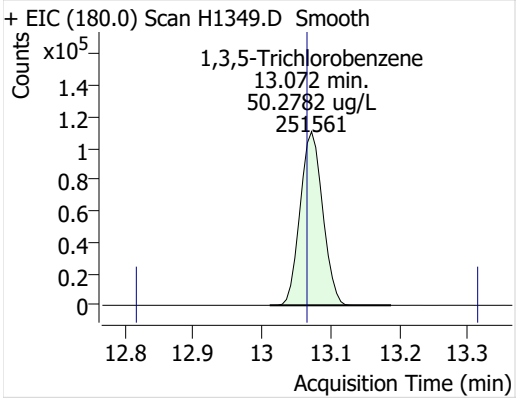
Trielution Dichlorotoluene

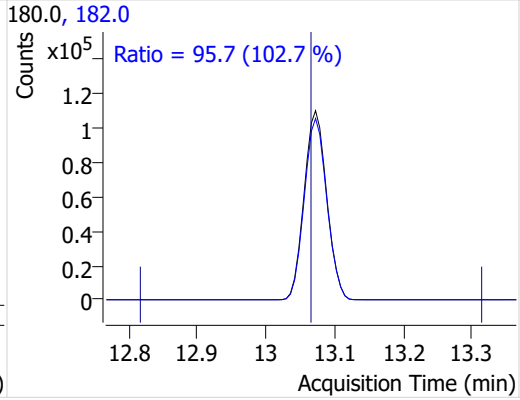


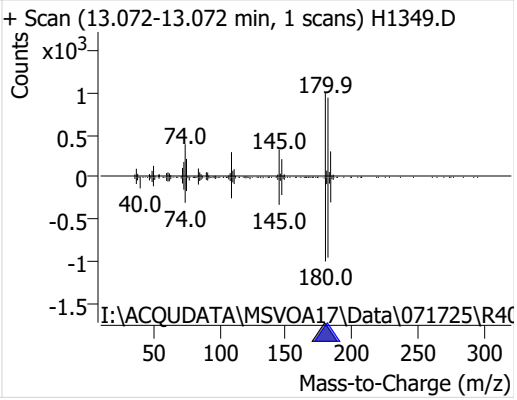




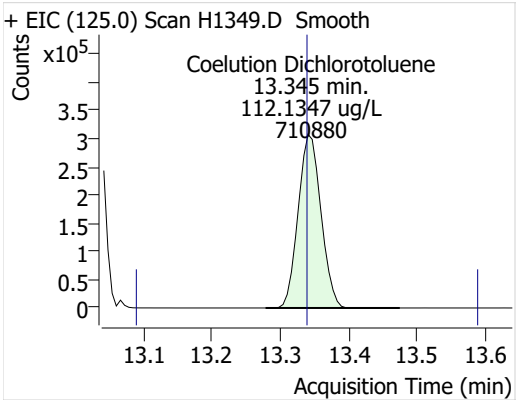
1,3,5-Trichlorobenzene

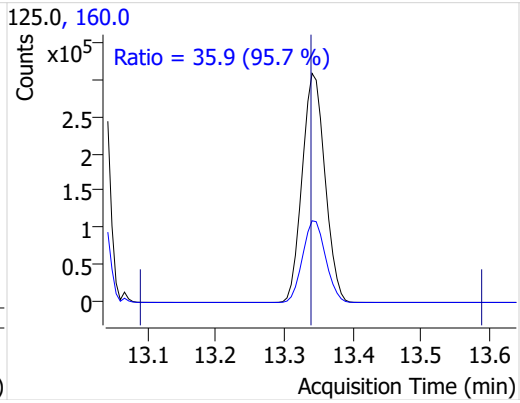


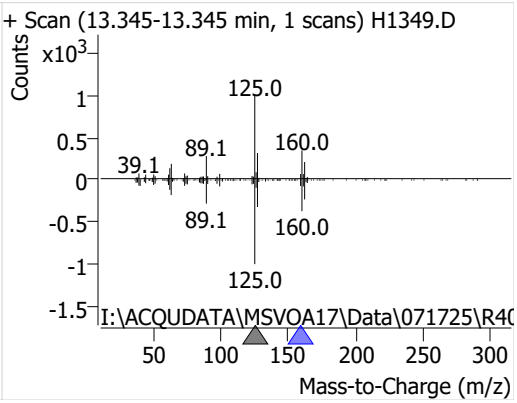




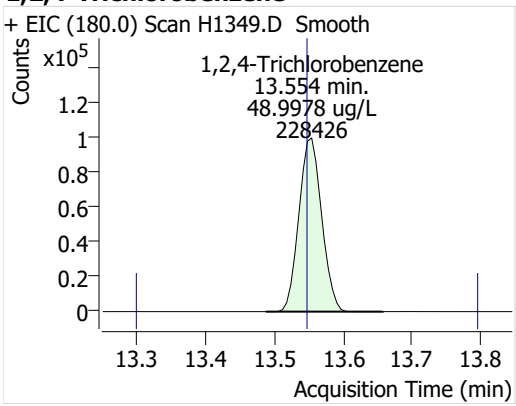
Coelution Dichlorotoluene

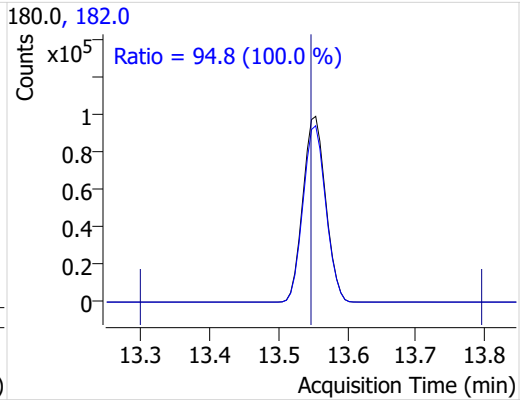


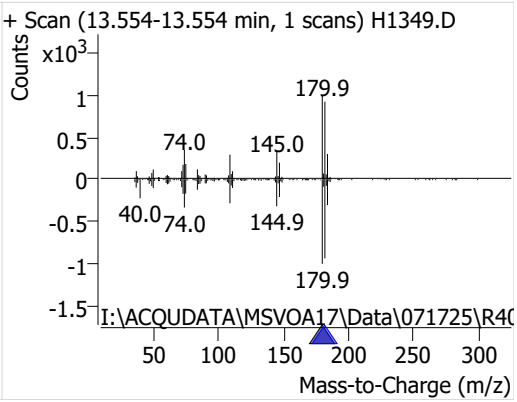




1,2,4-Trichlorobenzene

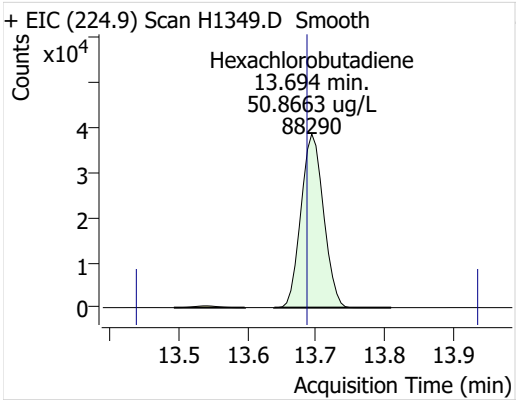


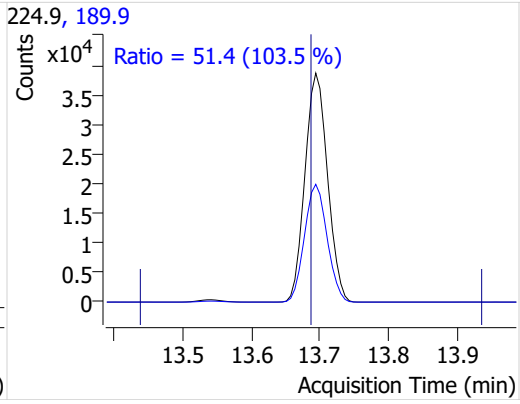


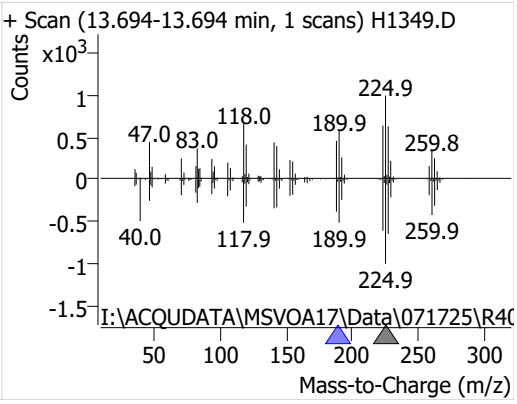


Masshunter Quantitative Analysis Sample Report

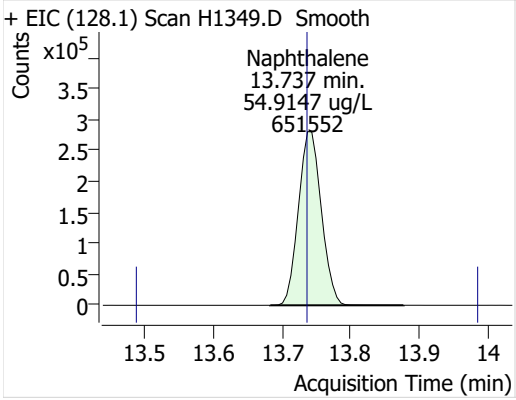
Hexachlorobutadiene

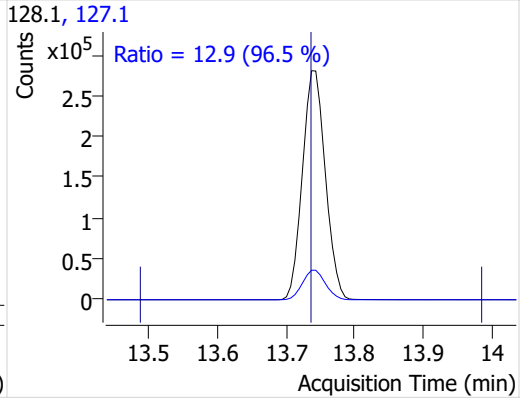


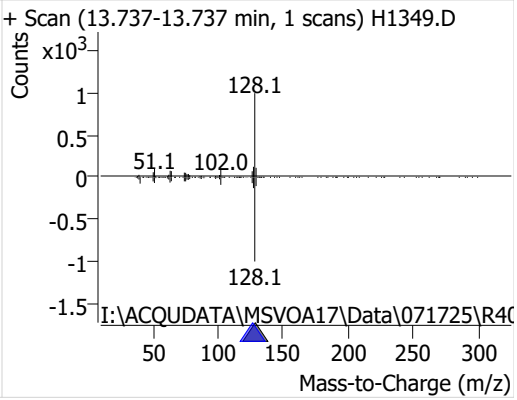




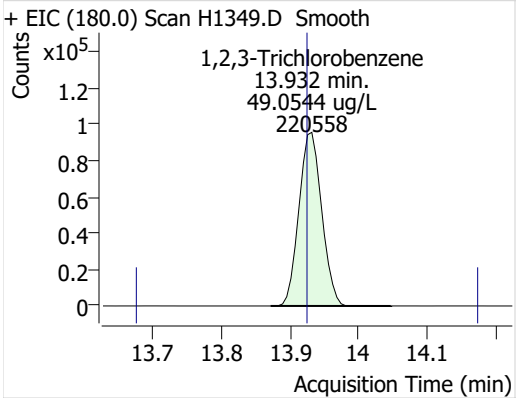
Naphthalene

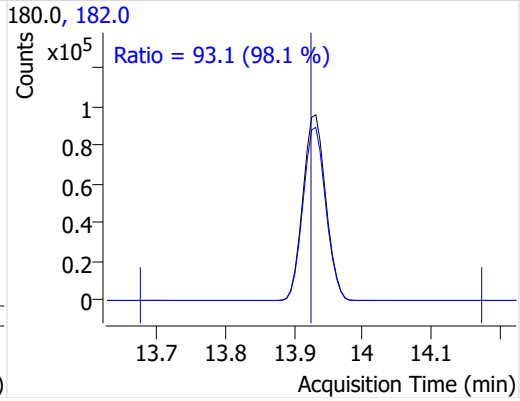


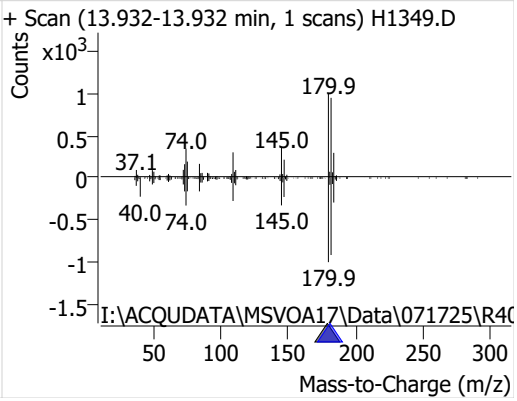




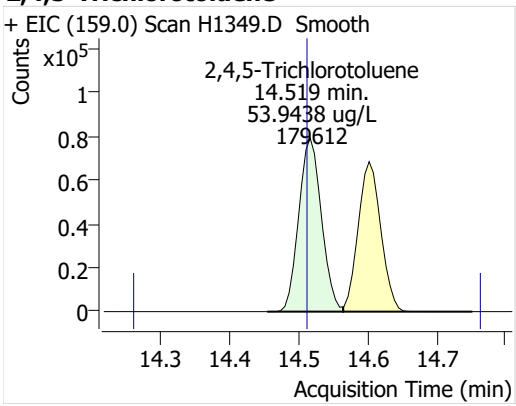
1,2,3-Trichlorobenzene

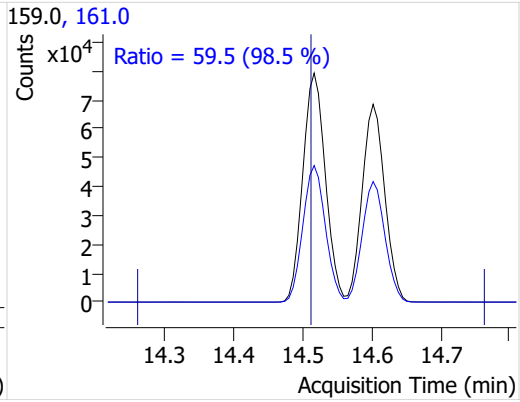


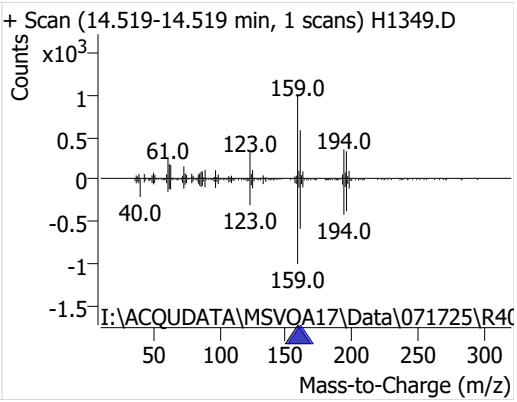




2,4,5-Trichlorotoluene

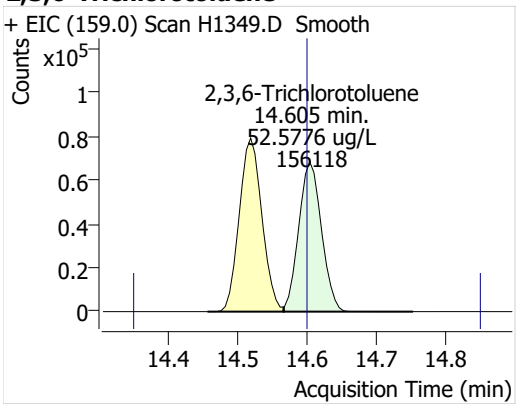


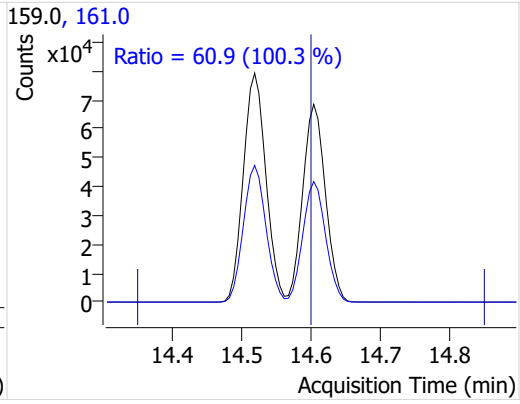


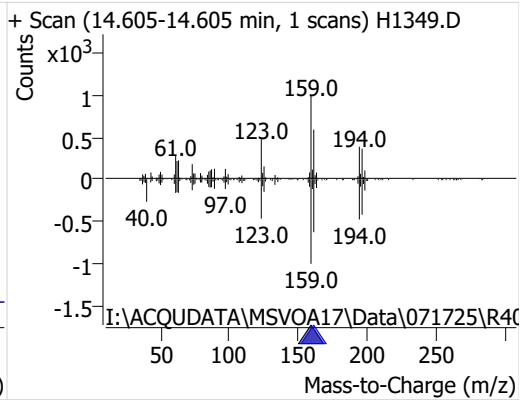


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File I:\ACQUDATA\MSVOA16\Data\090825\090825 ms16 ical.batch.bin
Daily CC I:\ACQUDATA\MSVOA16\Data\092425\H1349.D

Level name	Injection Time	Calibration Files
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2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	276511	127.02	M
1,4-Difluorobenzene	360674	354457	449794	126.90	M
Chlorobenzene-d5	314511	309932	385901	124.51	M
1,4-Dichlorobenzene D4	183727	183815	219190	119.25	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.608	50.00	49.61	0.78	137.35	Avg RF
Chlorodifluoromethane	-	0.609	0.651	50.00	53.46	-6.92	149.38	Avg RF
Chloromethane	-	0.558	0.671	50.00	60.13	-20.26 #	165.95	Avg RF
Vinyl Chloride	-	0.653	0.687	50.00	52.60	-5.21	147.50	Avg RF
Bromomethane	-	0.9905	0.3764	50.00	37.81	24.38 #	118.52	Linear
Chloroethane	-	0.478	0.438	50.00	45.77	8.45	141.75	Avg RF
Fluorodichloromethane	-	0.985	0.968	50.00	49.13	1.75	139.20	Avg RF
Trichlorofluoromethane	-	0.892	0.851	50.00	47.74	4.51	135.62	Avg RF
Freon 123a	-	0.531	0.477	50.00	44.85	10.31	129.04	Avg RF
Diethyl Ether	-	0.458	0.459	50.00	50.13	-0.25	131.79	Avg RF
Freon 123	-	0.799	0.749	50.00	46.90	6.20	135.97	Avg RF
Acrolein	-	0.032	0.126	250.00	979.61	-291.84 #	492.81	Avg RF
1,1-Dichloroethene	-	0.809	0.846	50.00	52.27	-4.53	146.47	Avg RF
Freon 113	-	0.557	0.543	50.00	48.75	2.51	145.86	Avg RF
Acetone	-	0.224	0.211	50.00	47.10	5.81	127.80	Avg RF
Iodomethane	-	0.9960	0.6097	50.00	45.32	9.36	119.90	Linear
2-Propanol	-	0.033	0.033	1000.00	1010.89	-1.09	147.50	Avg RF
Carbon Disulfide	-	1.356	1.377	50.00	50.81	-1.61	142.19	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.198	300.00	326.65	-8.88	157.08	Avg RF
Methyl Acetate	-	0.444	0.466	50.00	52.50	-5.01	154.16	Avg RF
Methylene Chloride	-	0.543	0.509	50.00	46.87	6.27	127.40	Avg RF
TBA	-	0.051	0.049	1000.00	963.92	3.61	126.10	Avg RF
Acrylonitrile	-	0.230	0.256	250.00	278.06	-11.23	143.38	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.767	50.00	53.53	-7.06	148.44	Avg RF
MTBE	-	1.496	1.469	50.00	49.10	1.81	124.73	Avg RF
1,1-Dichloroethane	-	0.918	0.949	50.00	51.71	-3.43	143.58	Avg RF
Vinyl Acetate	-	0.774	0.887	50.00	57.26	-14.52	146.08	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.442	50.00	51.25	-2.50	136.19	Avg RF
Diisopropyl ether	-	1.567	1.896	50.00	60.49	-20.99 #	159.63	Avg RF
ETBE	-	1.467	1.572	50.00	53.59	-7.17	138.53	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.555	50.00	48.50	3.00	129.09	Avg RF
2,2-Dichloropropane	-	0.685	0.661	50.00	48.20	3.61	133.19	Avg RF
2-Butanone	-	0.281	0.283	50.00	50.31	-0.62	137.89	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.097	250.00	274.73	-9.89	143.96	Avg RF
Bromochloromethane	-	0.402	0.360	50.00	44.74	10.51	118.36	Avg RF
Methylacrylonitrile	-	0.230	0.241	50.00	52.35	-4.70	130.25	Avg RF
Tetrahydrofuran	-	0.171	0.187	50.00	54.72	-9.43	144.97	Avg RF
Chloroform	-	0.944	0.901	50.00	47.76	4.48	133.95	Avg RF
1,1,1-Trichloroethane	-	0.774	0.767	50.00	49.51	0.98	137.48	Avg RF
TAME	-	1.361	1.376	50.00	50.54	-1.08	127.80	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.313	50.00	48.48	3.04	116.36	Avg RF
Cyclohexane	-	0.9954	0.4779	50.00	51.50	-3.00	136.25	Quadratic
Carbon Tetrachloride	-	0.428	0.419	50.00	48.99	2.02	134.95	Avg RF
1,1-Dichloropropene	-	0.398	0.411	50.00	51.70	-3.39	146.50	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.404	50.00	54.28	-8.56	131.46	Avg RF
Benzene	-	1.197	1.210	50.00	50.58	-1.15	136.87	Avg RF
1,2-Dichloroethane	-	0.463	0.471	50.00	50.91	-1.82	130.09	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0136	1000.00	1145.56	-14.56	148.04	Quadratic
n-Heptane	-	0.9904	0.5109	50.00	60.92	-21.83 #	172.39	Quadratic
Trichloroethene	-	0.368	0.334	50.00	45.40	9.20	125.48	Avg RF
1-Butanol	-	0.008	0.010	2500.00	3082.62	-23.30 #	159.04	Avg RF
Methylcyclohexane	-	0.434	0.475	50.00	54.78	-9.55	152.85	Avg RF
1,2-Dichloropropane	-	0.329	0.341	50.00	51.83	-3.65	136.97	Avg RF
Dibromomethane	-	0.235	0.202	50.00	42.95	14.11	115.74	Avg RF
1,4-Dioxane	-	0.005	0.004	1000.00	920.33	7.97	122.22	Avg RF
Methyl Methacrylate	-	0.226	0.232	50.00	51.47	-2.95	130.13	Avg RF
Bromodichloromethane	-	0.436	0.421	50.00	48.25	3.51	127.41	Avg RF
2-Nitropropane	-	0.9991	0.1164	100.00	107.64	-7.64	139.59	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.118	50.00	60.34	-20.68 #	146.39	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.432	50.00	49.71	0.57	128.34	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.358	50.00	56.27	-12.54	154.91	Avg RF
Toluene-d8	-	1.246	1.204	50.00	48.33	3.35	118.05	Avg RF
Toluene	-	1.310	1.335	50.00	50.96	-1.92	138.13	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.382	50.00	50.14	-0.28	129.86	Avg RF
Ethyl Methacrylate	-	0.398	0.415	50.00	52.16	-4.33	129.67	Avg RF
1,1,2-Trichloroethane	-	0.302	0.291	50.00	48.16	3.69	123.29	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.358	50.00	47.35	5.29	131.59	Avg RF
1,3-Dichloropropane	-	0.578	0.586	50.00	50.65	-1.29	130.30	Avg RF
2-Hexanone	-	0.141	0.142	50.00	50.37	-0.74	137.22	Avg RF
Dibromochloromethane	-	0.403	0.403	50.00	50.06	-0.12	127.10	Avg RF
N-Butyl Acetate	-	0.540	0.624	50.00	57.77	-15.55	150.51	Avg RF
1,2-Dibromoethane	-	0.336	0.354	50.00	52.69	-5.38	135.02	Avg RF
Chlorobenzene	-	1.047	1.024	50.00	48.88	2.23	130.57	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.527	50.00	48.30	3.39	137.16	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.496	50.00	47.97	4.06	135.73	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.372	50.00	51.08	-2.15	130.12	Avg RF
Ethylbenzene	-	1.620	1.731	50.00	53.44	-6.88	141.22	Avg RF
m,p-Xylene	-	1.220	1.346	100.00	110.35	-10.35	140.10	Avg RF
o-Xylene	-	1.303	1.386	50.00	53.21	-6.43	138.79	Avg RF
Styrene	-	1.095	1.123	50.00	51.28	-2.57	129.90	Avg RF
Bromoform	-	0.246	0.245	50.00	49.74	0.51	126.74	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.515	50.00	47.16	5.68	133.86	Avg RF
Isopropyl Benzene	-	1.471	1.621	50.00	55.10	-10.21	142.20	Avg RF
Cyclohexanone	-	0.9999	0.0160	1000.00	270.92	72.91 #	30.05	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.149	50.00	64.54	-29.08 #	158.33	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

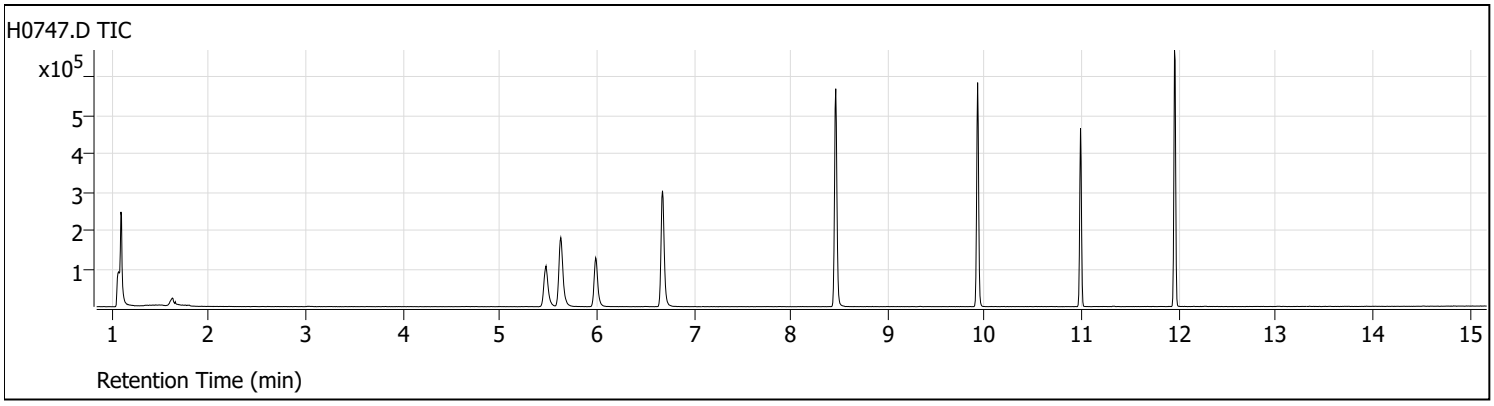
Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.838	50.00	52.06	-4.12	124.67	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.869	50.00	54.74	-9.49	135.05	Avg RF
Bromobenzene	-	0.790	0.761	50.00	48.18	3.64	120.77	Avg RF
1,2,3-Trichloropropane	-	0.981	1.082	50.00	55.12	-10.23	140.48	Avg RF
Propyl Benzene	-	3.172	3.719	50.00	58.63	-17.26	144.86	Avg RF
2-Chlorotoluene	-	1.908	2.115	50.00	55.43	-10.87	142.74	Avg RF
3-Chlorotoluene	-	1.921	2.170	50.00	56.48	-12.96	146.53	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.698	50.00	55.77	-11.54	138.27	Avg RF
4-Chlorotoluene	-	2.595	2.859	50.00	55.08	-10.17	137.54	Avg RF
Tert Butyl Benzene	-	2.384	2.640	50.00	55.35	-10.71	141.42	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.739	50.00	57.80	-15.61	138.45	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.713	50.00	50.78	-1.56	132.60	Avg RF
Sec Butyl Benzene	-	3.049	3.499	50.00	57.36	-14.73	143.71	Avg RF
1,3-Dichlorobenzene	-	1.505	1.475	50.00	49.01	1.97	127.73	Avg RF
Isopropyl Toluene	-	2.633	2.943	50.00	55.89	-11.79	139.40	Avg RF
1,4-Dichlorobenzene	-	1.586	1.550	50.00	48.87	2.27	127.59	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.644	50.00	49.69	0.62	133.61	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.729	50.00	48.85	2.29	131.90	Avg RF
1,2-Dichlorobenzene	-	1.470	1.472	50.00	50.06	-0.12	123.49	Avg RF
Butyl Benzene	-	2.368	2.850	50.00	60.19	-20.38 #	150.48	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.193	50.00	48.80	2.40	125.07	Avg RF
Trielution Dichlorotoluene	-	1.343	1.486	150.00	165.91	-10.61	137.23	Avg RF
1,3,5-Trichlorobenzene	-	1.141	1.148	50.00	50.28	-0.56	128.98	Avg RF
Coelution Dichlorotoluene	-	1.446	1.622	100.00	112.13	-12.13	135.58	Avg RF
1,2,4-Trichlorobenzene	-	1.063	1.042	50.00	49.00	2.00	123.42	Avg RF
Hexachlorobutadiene	-	0.396	0.403	50.00	50.87	-1.73	132.97	Avg RF
Naphthalene	-	2.707	2.973	50.00	54.91	-9.83	126.42	Avg RF
1,2,3-Trichlorobenzene	-	1.026	1.006	50.00	49.05	1.89	120.47	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.819	50.00	53.94	-7.89	124.27	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.712	50.00	52.58	-5.16	126.70	Avg RF

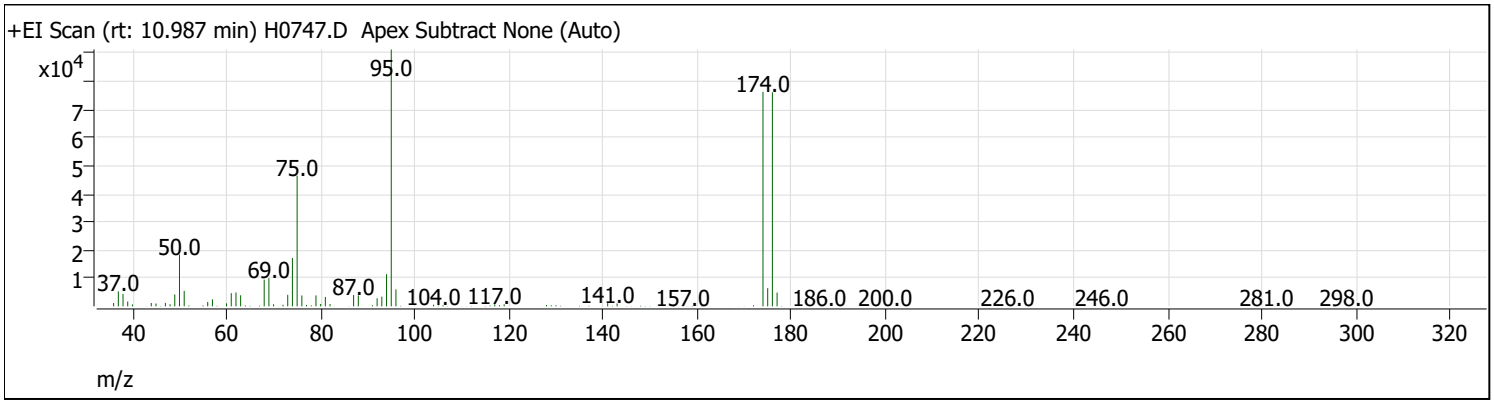
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 91% (105 of 115)

Tune Evaluation Report

1st 09/11/25
2nd 09/11/25

Data Path: I:\ACQUDATA\MSVOA16\Data\090825\H0747.D
Acq on: 9/8/2025 1:07:40 PM
Operator: K.Ruest
Sample: TUNE
Inst Name: GCMS
ALS Vial: 4
Method:





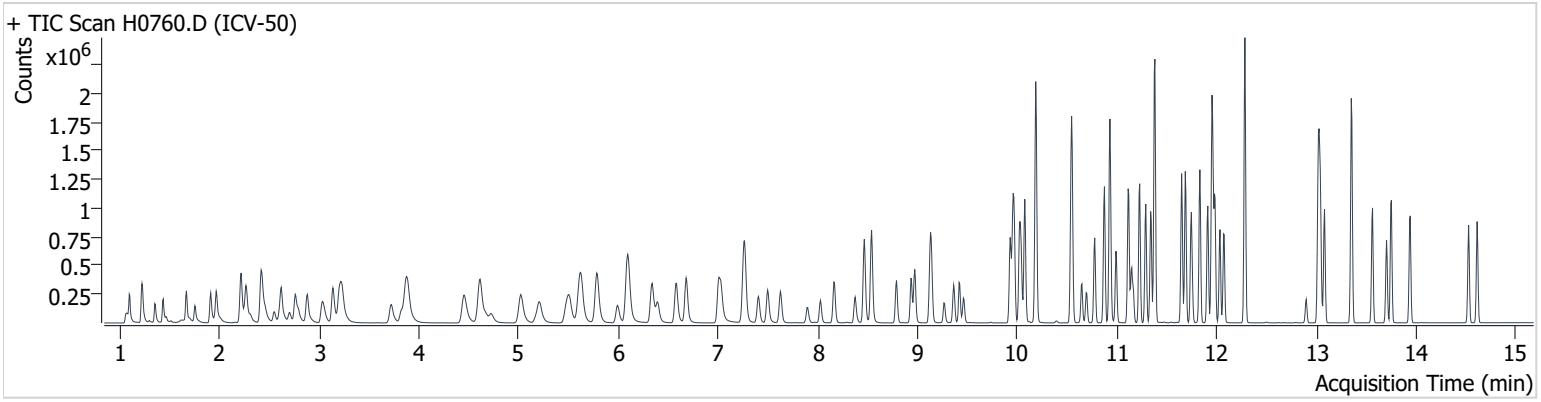
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	20.1	18392	Pass
75	95	30	60	50.8	46448	Pass
95	95	100	100	100.0	91344	Pass
96	95	5	9	6.6	6027	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	83.5	76304	Pass
175	174	5	9	8.5	6458	Pass
176	174	95	101	99.8	76128	Pass
177	176	5	9	6.4	4891	Pass

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\MSVOA16\Data\090825\H0760.D
Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0760.D

Acq. Date-Time	9/8/2025 7:04:36 PM	**Name**	ICV-50
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	242039	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	396411	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	342164	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	198418	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	125998	49.3026	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	477479	48.3393	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	155445	48.6886	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	146437	49.6446	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	176217	59.3939	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	172337	58.4820	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.002	135649	50.2433	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	172173	54.4665	ug/L
Bromomethane	94.000	0.296	0.001	1.663	0.007	144413	60.1525	ug/L
Chloroethane	64.000	0.311	0.001	1.751	0.004	109389	47.2292	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.002	236760	49.6678	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	231644	53.6663	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.002	132899	51.6617	ug/L
Diethyl Ether	59.000	0.394	0.000	2.215	0.001	110055	49.6825	ug/L
Freon 123	83.000	0.402	0.000	2.263	0.002	197165	50.9725	ug/L
Acrolein	56.000	0.411	0.000	2.311	0.001	18333	117.5537	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	213337	54.4616	ug/L
Freon 113	101.000	0.431	0.000	2.424	0.002	138039	51.2339	ug/L
Acetone	43.000	0.437	0.000	2.455	0.001	54642	50.4772	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	123920	38.3867	ug/L
2-Propanol	45.000	0.464	0.000	2.608	0.001	182473	1150.5740	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	344259	52.4631	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.003	287855 LT	326.7014	ug/L
Methyl Acetate	43.000	0.495	0.000	2.786	0.000	110076	51.2622	ug/L

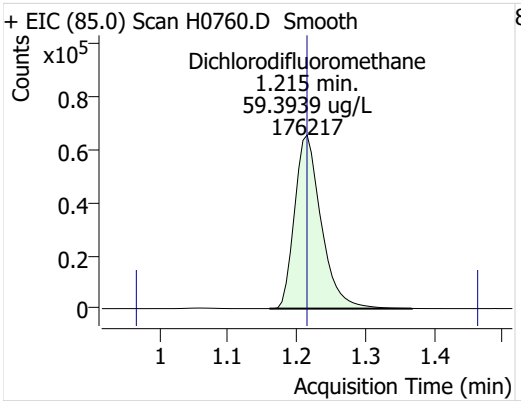
Masshunter Quantitative Analysis Sample Report

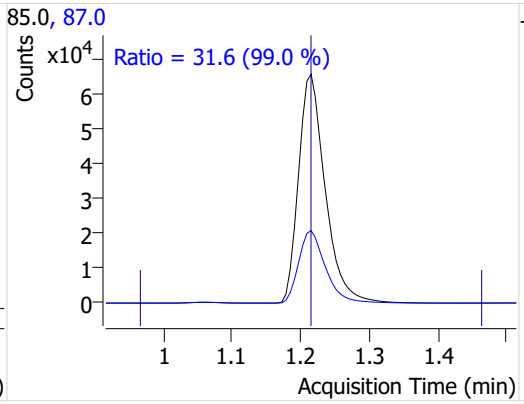
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	133907	50.9141	ug/L
TBA	59.000	0.539	0.001	3.032	0.003	306814	1253.3785	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	304403	273.3918	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	173070	49.9214	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	394924	54.5173	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	236525	53.2508	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	192339	51.3150	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	121969	58.4710	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	376311	49.6012	ug/L
ETBE	59.000	0.791	0.000	4.449	0.001	378358	53.2927	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.001	159171	57.4529	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.611	0.003	197877	59.6318	ug/L
2-Butanone	43.000	0.831	0.000	4.672	0.001	70582	51.8132	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	119932	280.2827	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	101204	51.9965	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.001	62712	56.2648	ug/L
Tetrahydrofuran	42.000	0.919	0.000	5.170	0.002	44320	53.6351	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	233078	51.0178	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	210327	56.1122	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	200163	54.3951	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	188923 BA	55.7366	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	177105	56.1652	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	511998	53.9669	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	193895	52.8459	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.099	0.001	114802	1204.9793	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	363938	55.2395	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	189532	57.2943	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	157176	53.9006	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	193254	2959.8579	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	178092	51.7768	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.263	0.000	140525	53.8631	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	96304	51.7182	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	41126	1071.0369	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	101336	56.6269	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	178682	51.6510	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	96089	111.5191	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.000	86869	111.6260	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	195691	56.8736	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.369	0.001	146864	58.2409	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	574451	55.3284	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.781	0.000	172094	56.9268	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	176533	55.9692	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	129710	54.2088	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	147121	56.9480	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	208496	52.7047	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	56842	58.8000	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	149179	54.1202	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	213382	57.7792	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	124024	54.0054	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	384711	53.6758	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.965	0.000	189655	50.8087	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.017	0.000	182774	51.6250	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	140524	56.3143	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	637709	57.5359	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	999625	119.7275	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	503461	56.4769	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	433941	57.9272	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	98340	58.3257	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	189338	50.6588	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.866	0.000	637306	63.2987	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	571480	1196.7612	ug/L

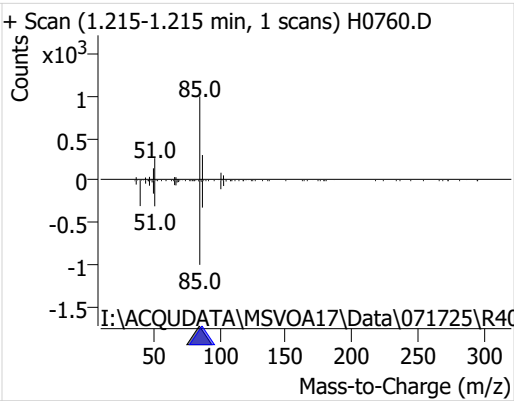
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	174452	55.3771	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	169906	54.1829	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.143	0.001	211015	54.1943	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	42593 BA	53.8728	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	729237 BA	57.9402	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	430168	56.8221	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.335	0.001	385946	50.6247	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	569584	59.3426	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	595351	57.8157	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	570924	60.3405	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.681	0.000	574958	61.1468	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	149179	53.5260	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.001	733854	60.6437	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.001	324482	54.3271	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.945	0.000	664450	63.5899	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	334841	53.2150	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	131158	50.9919	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	151852	51.3005	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	315043	53.9891	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	585565	62.3255	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	44630	56.9032	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.018	0.000	865149	162.2850	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	232461	51.3249	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	629536	109.6999	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	232347	55.0566	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	93259	59.3539	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	683782	63.6646	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	224307	55.1111	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	176163	58.4472	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	164382	61.1563	ug/L

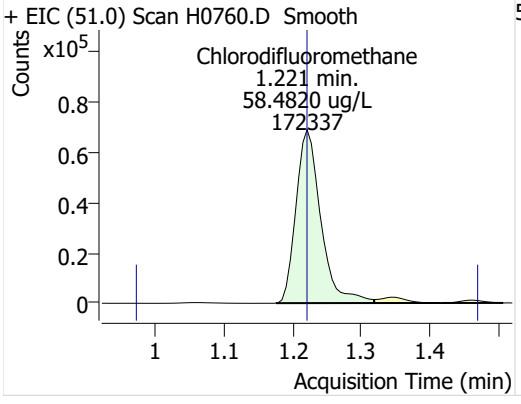
Dichlorodifluoromethane

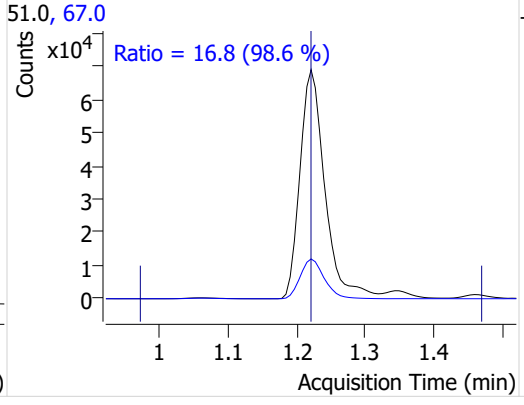


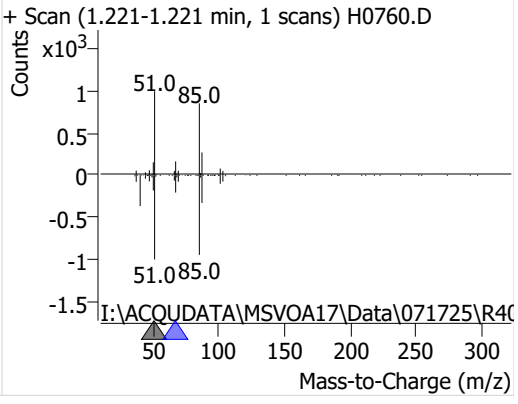




Chlorodifluoromethane

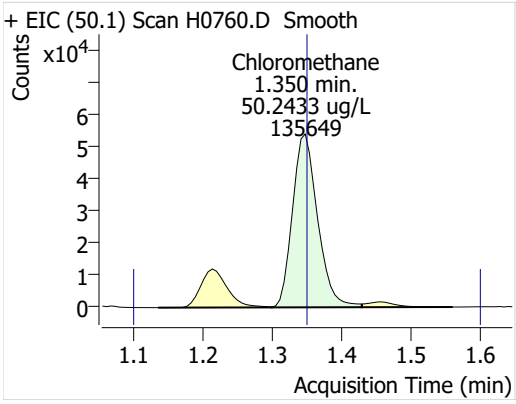


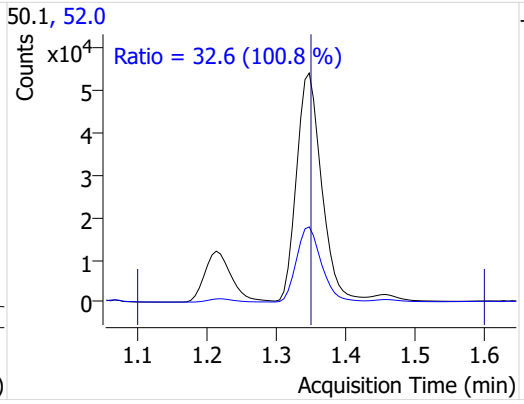


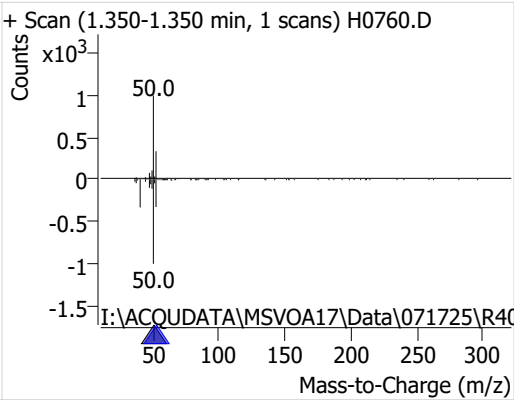


Masshunter Quantitative Analysis Sample Report

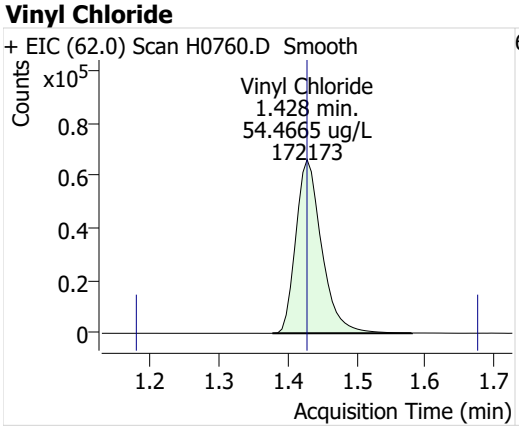
Chloromethane

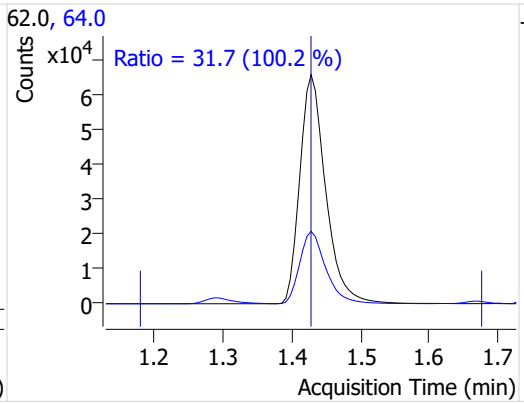


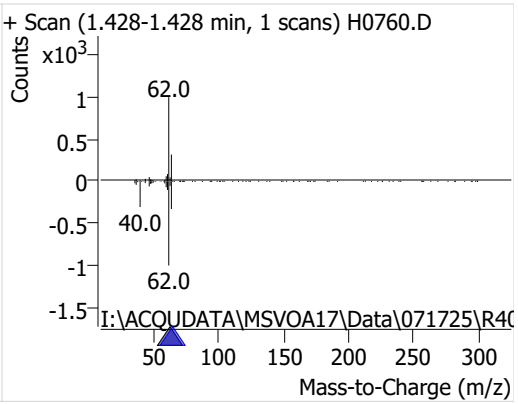




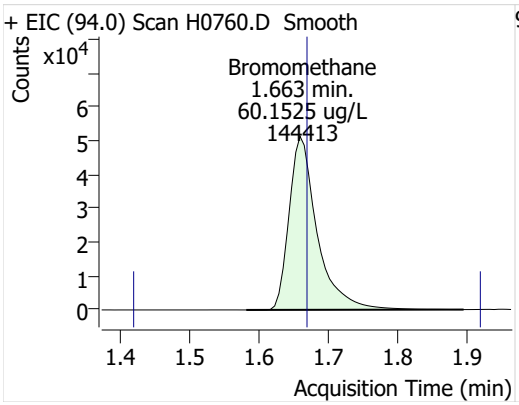
Vinyl Chloride

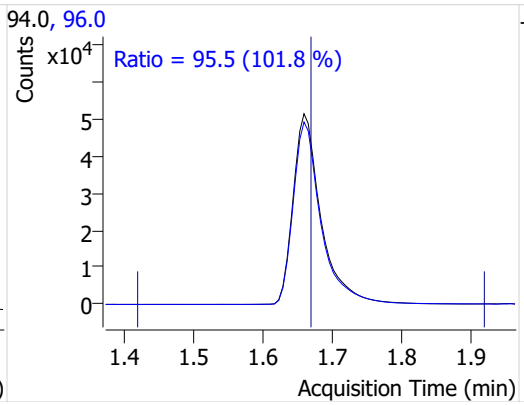


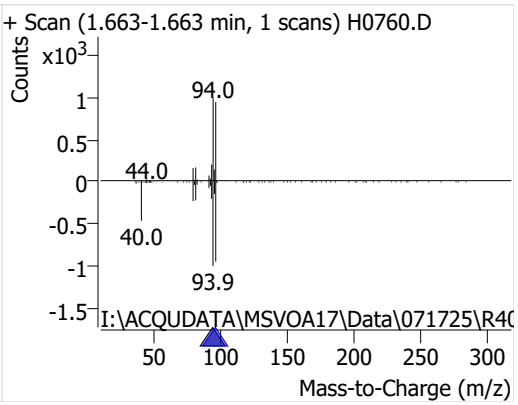




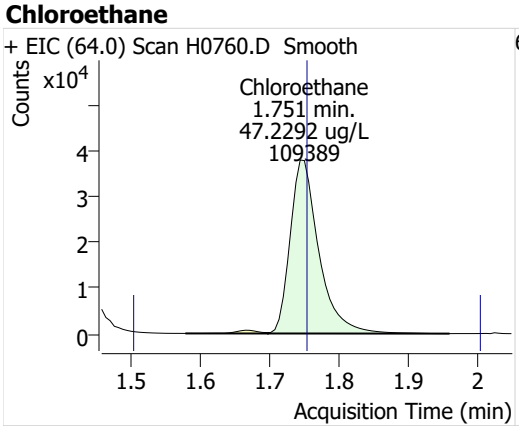
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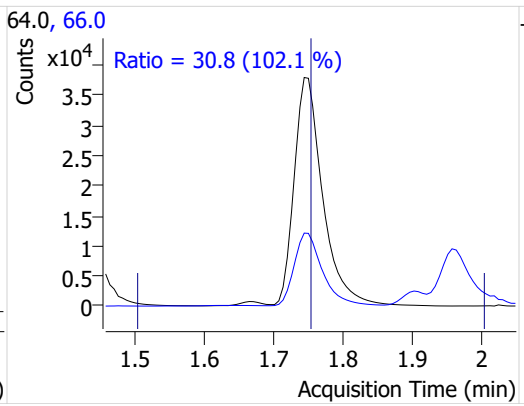


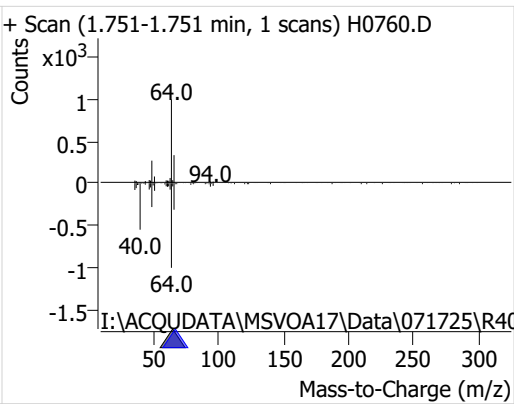




Chloroethane

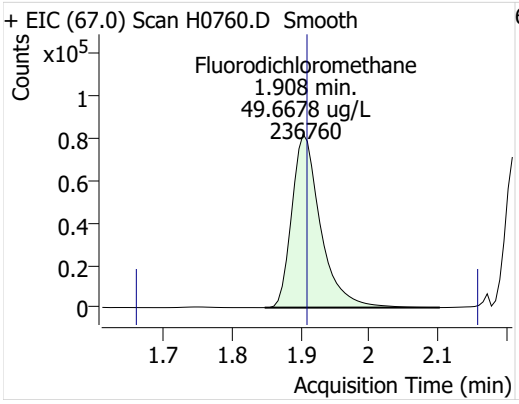


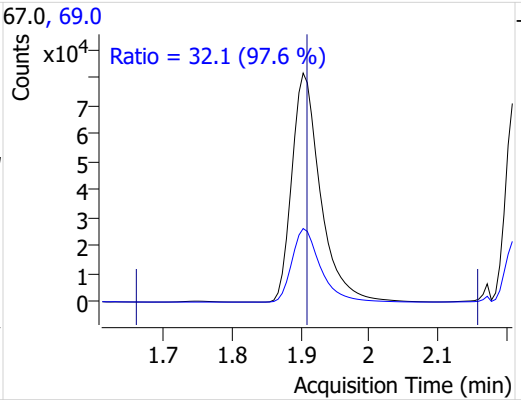


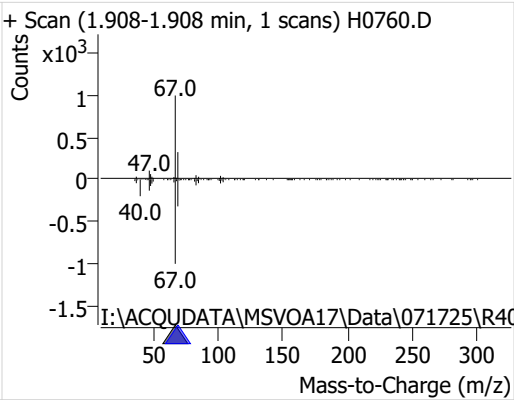


Masshunter Quantitative Analysis Sample Report

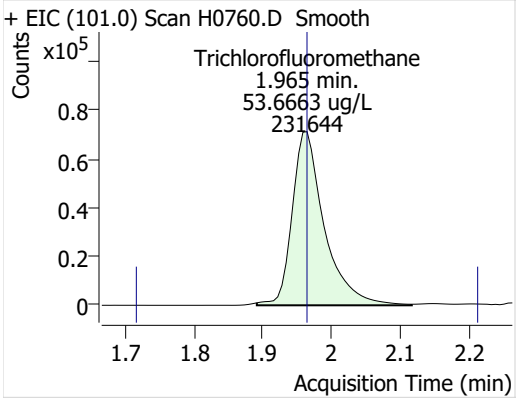
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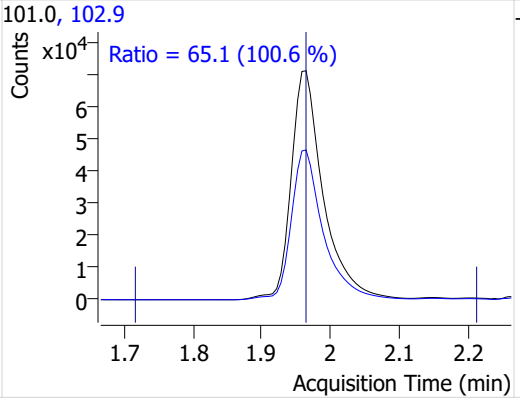


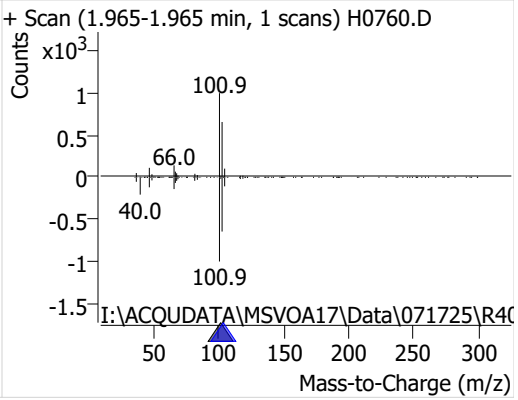




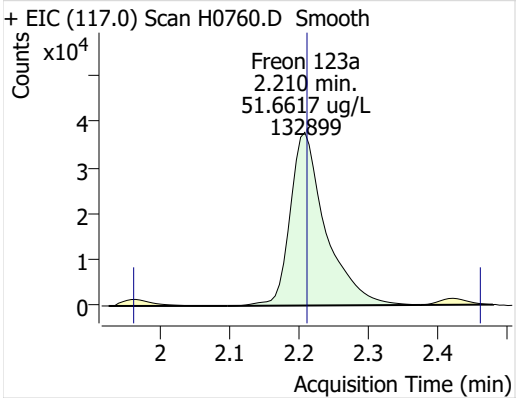
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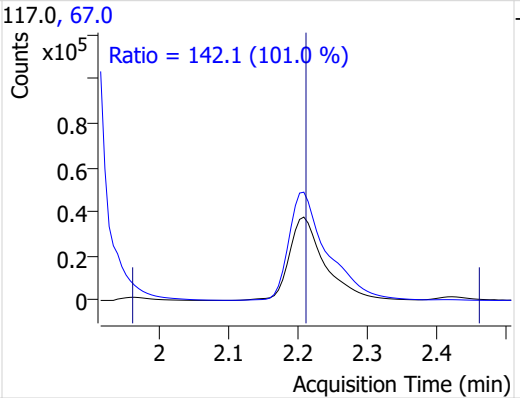


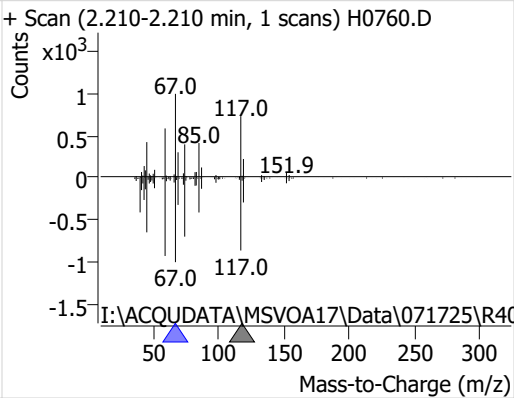




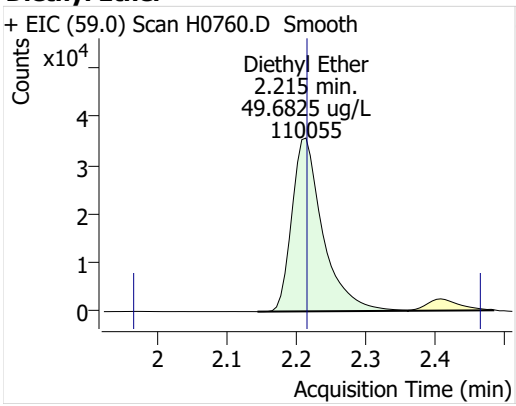
Freon 123a

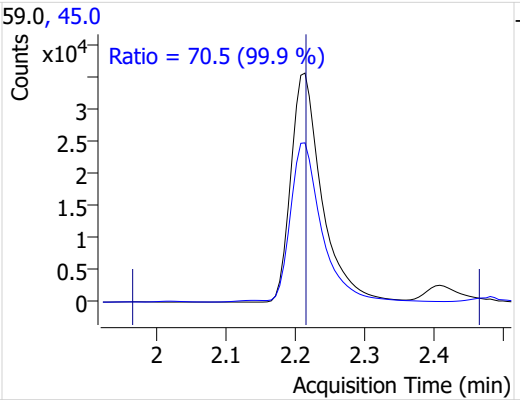


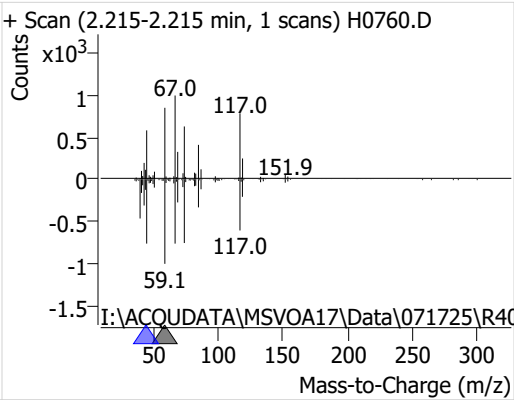




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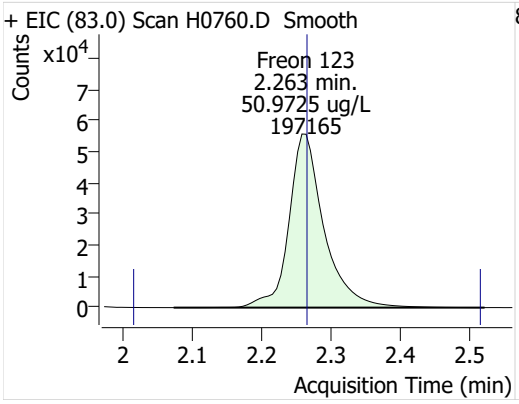


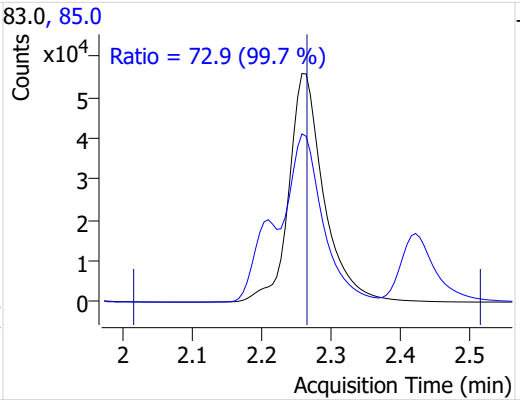


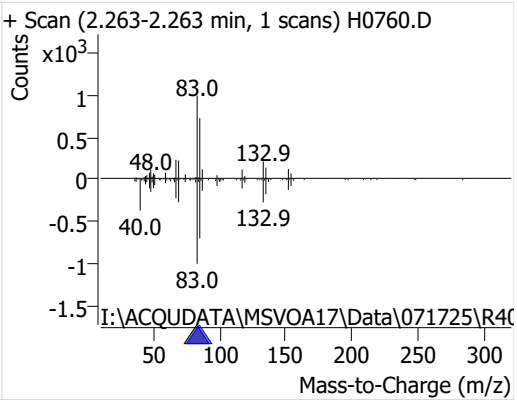


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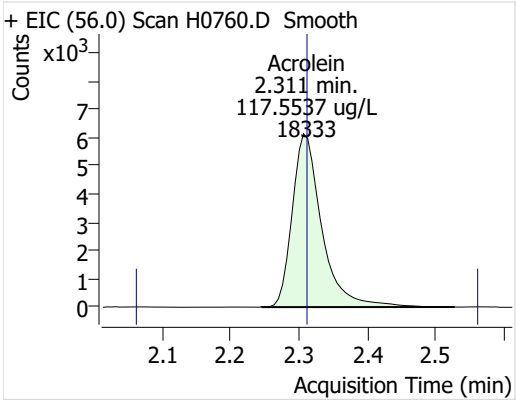
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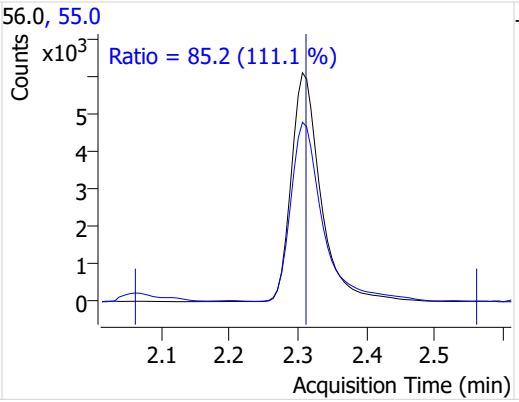


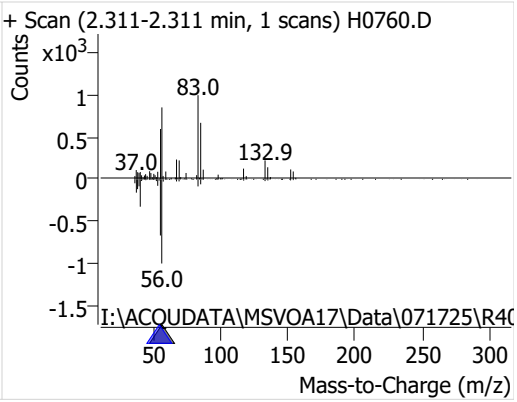




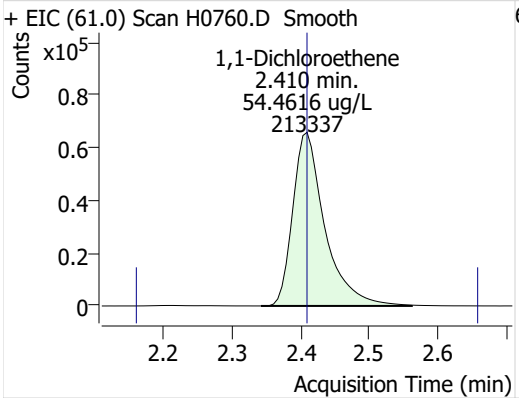
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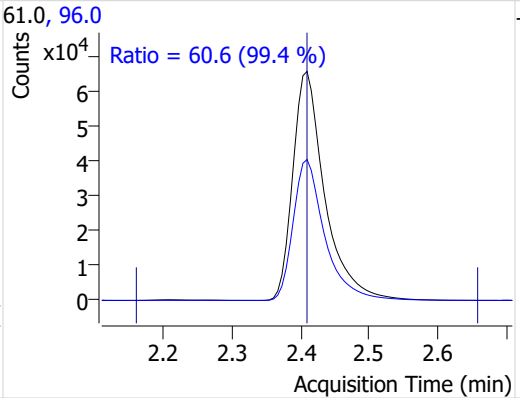


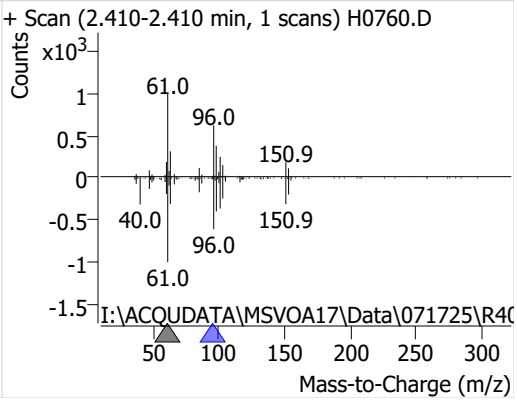




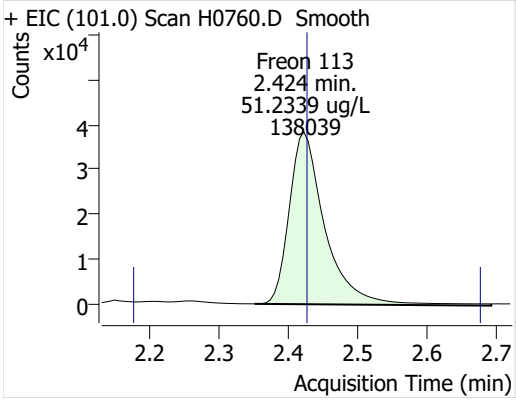
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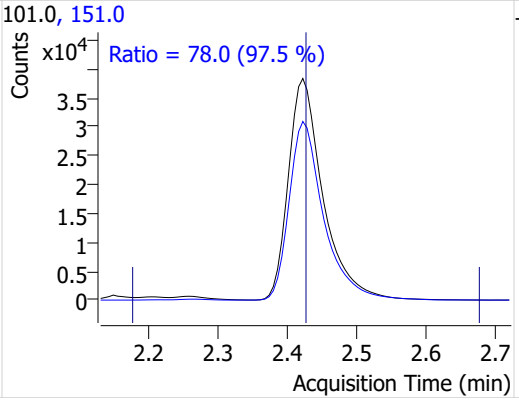


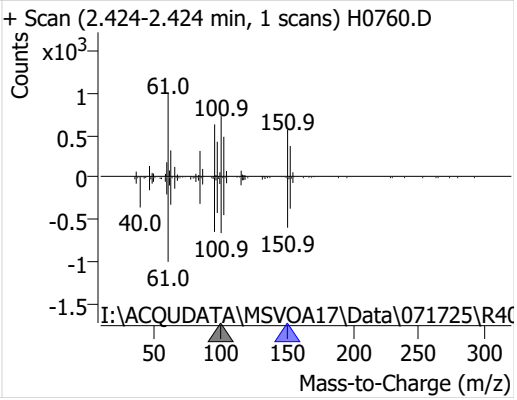




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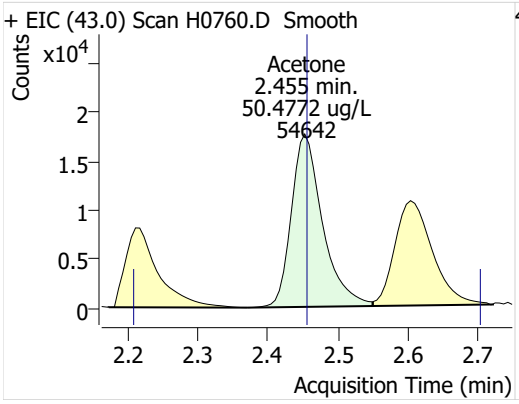


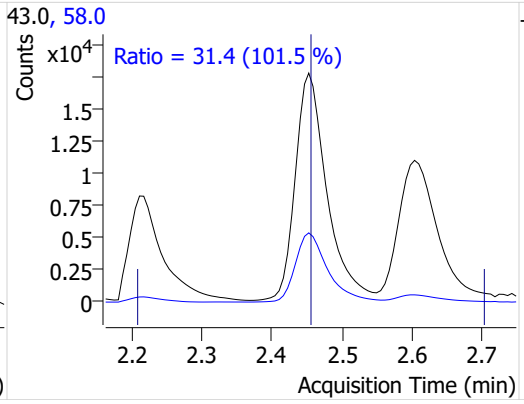


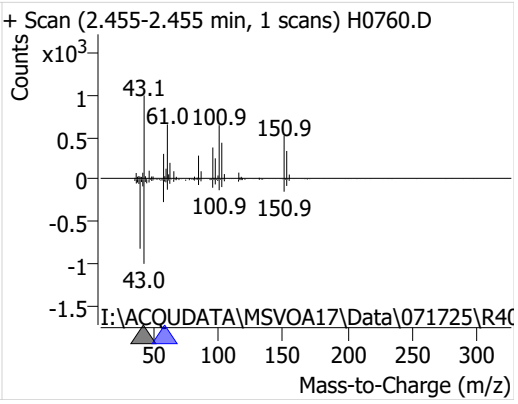


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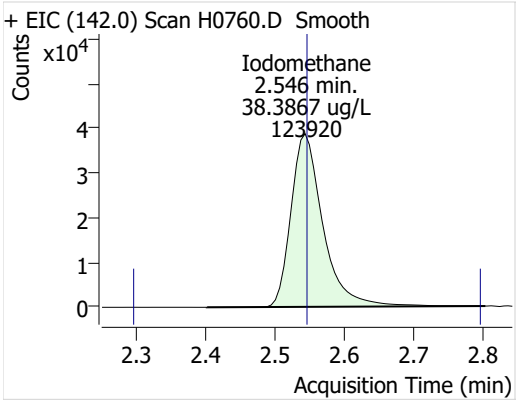
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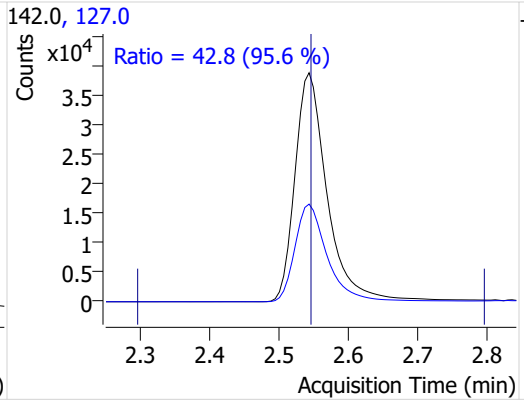


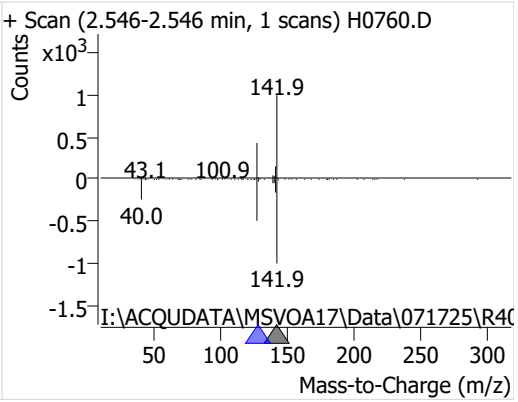




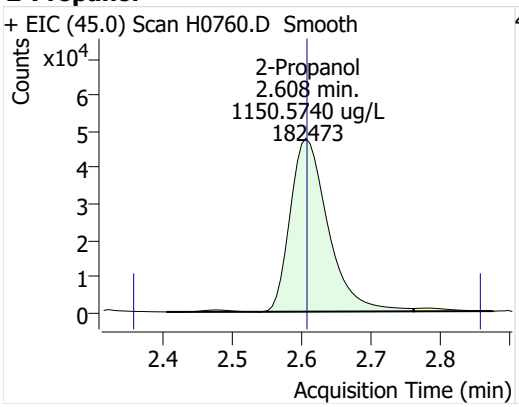
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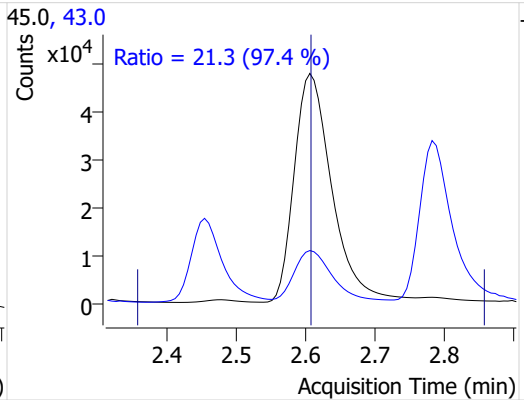


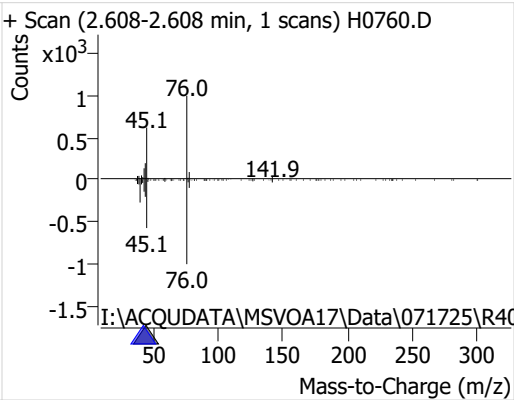




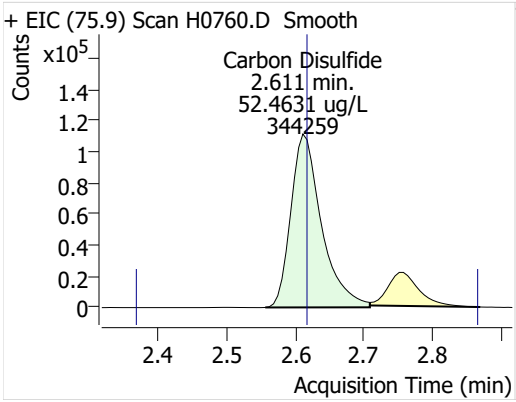
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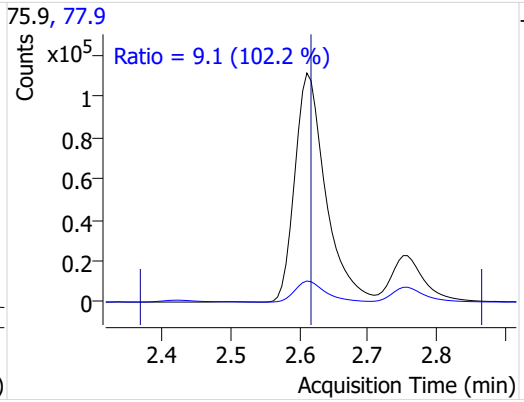


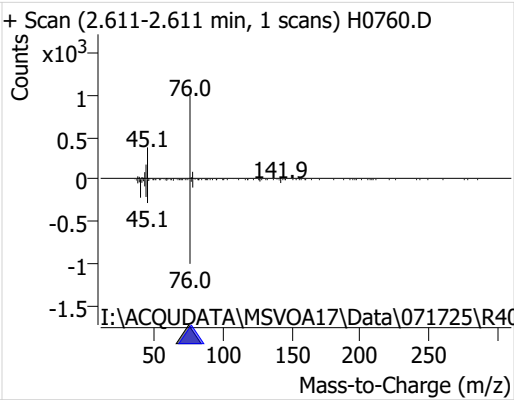




Carbon Disulfide

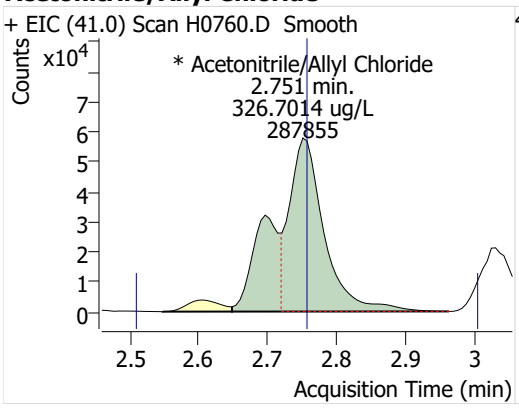


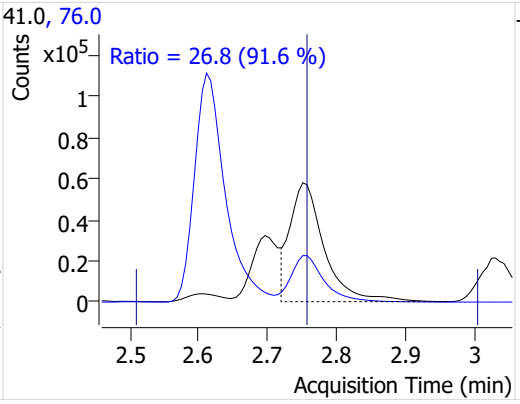


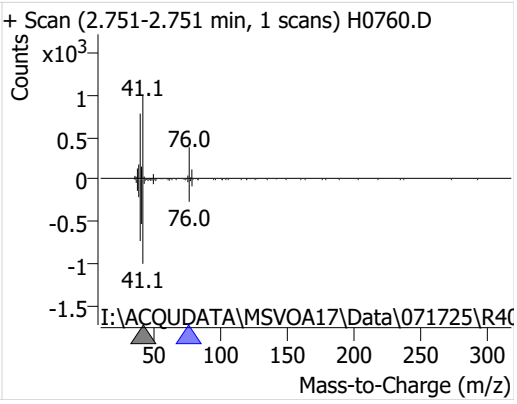


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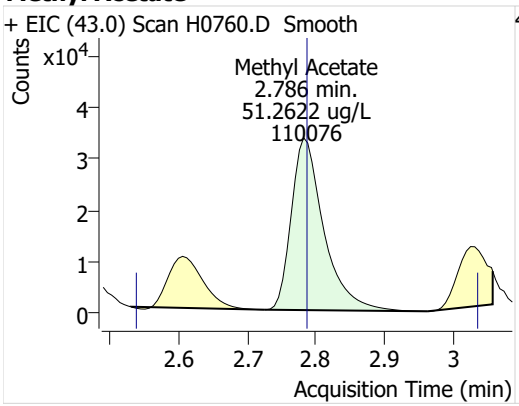
Acetonitrile/Allyl Chloride

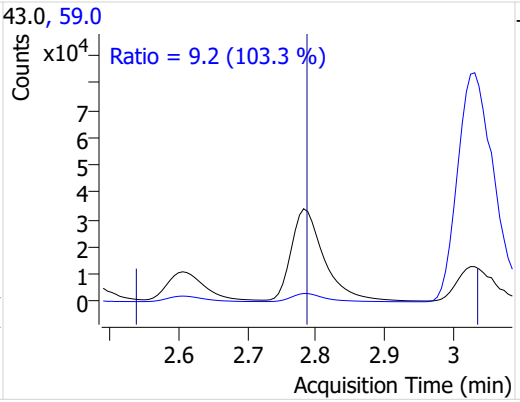


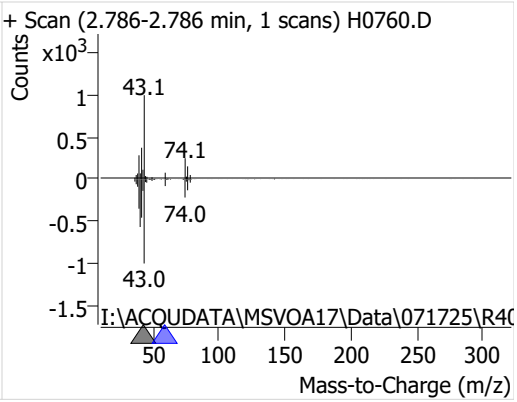




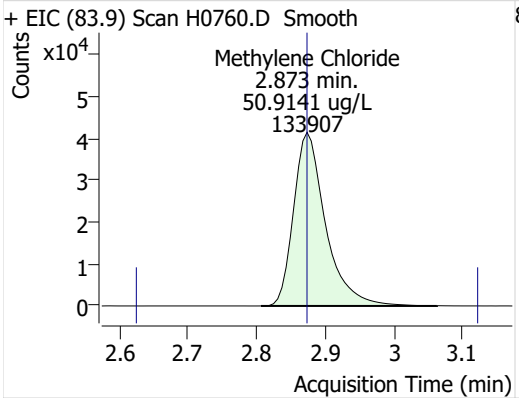
Methyl Acetate

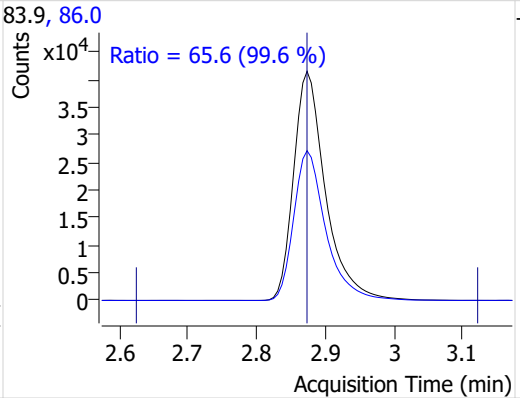


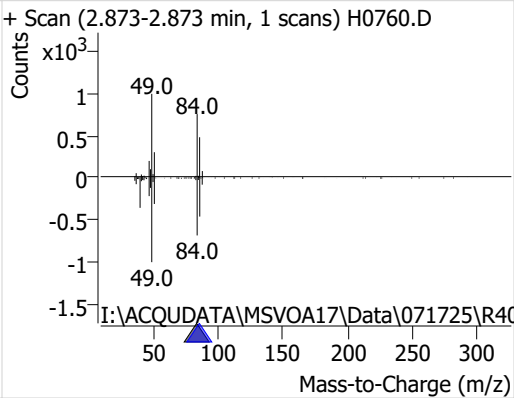




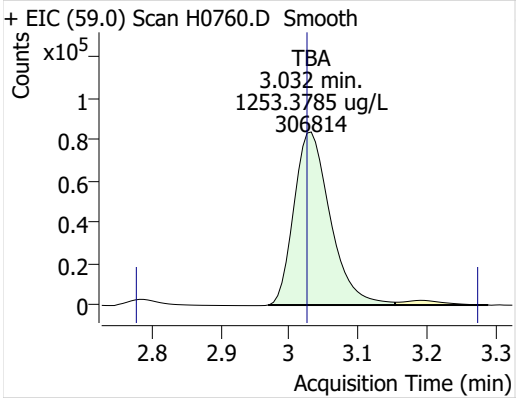
Methylene Chloride

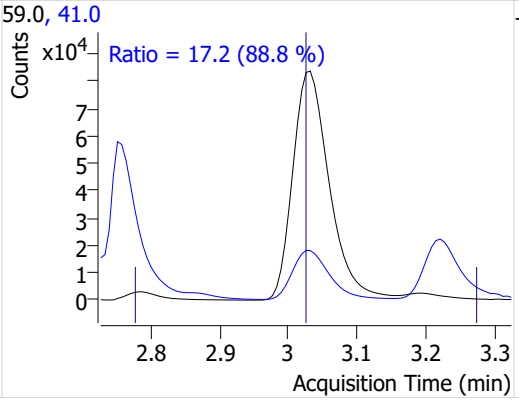


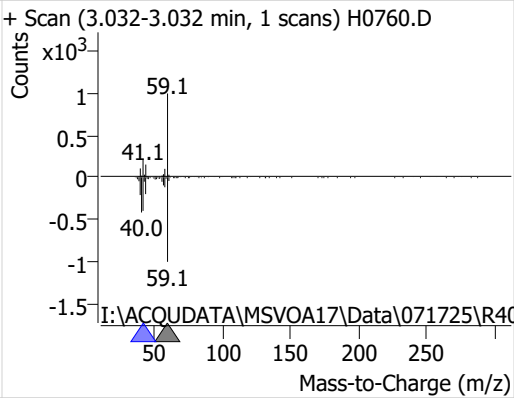




TBA

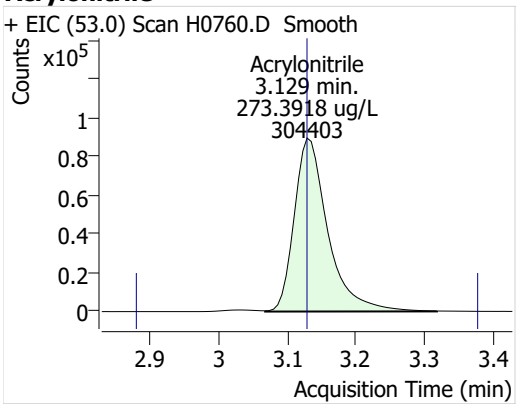


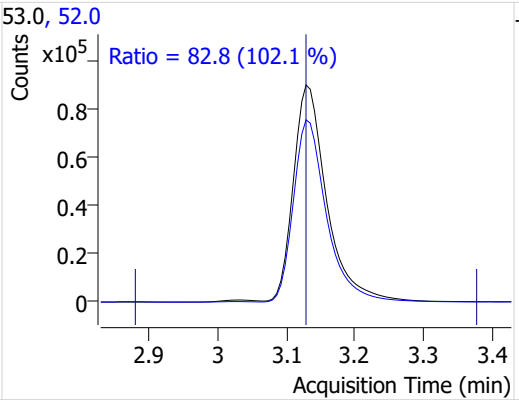


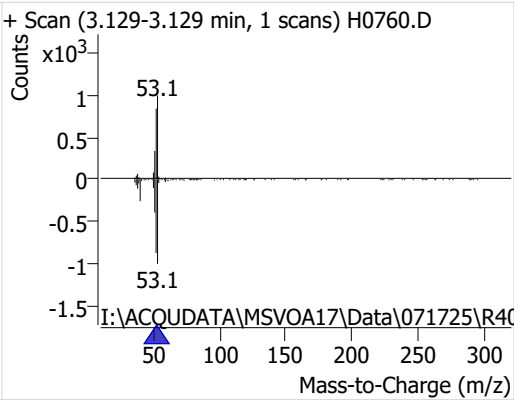


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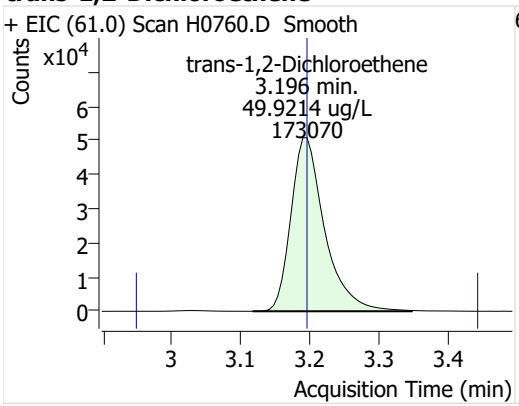
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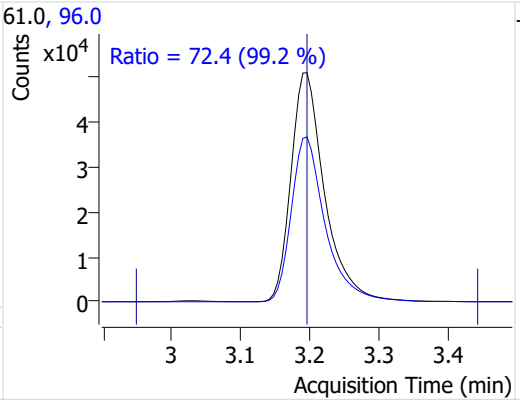


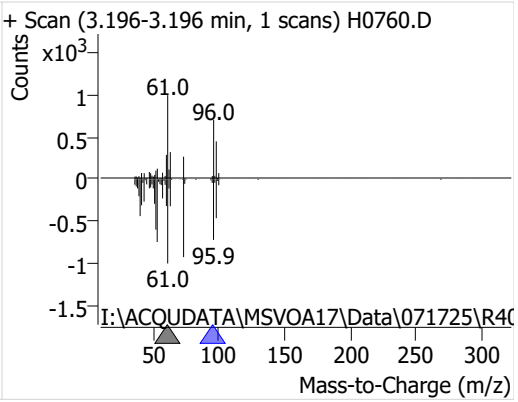




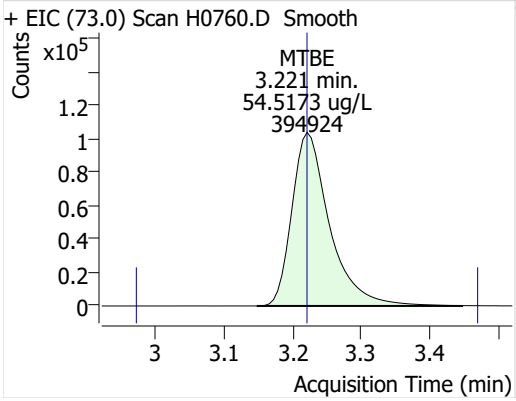
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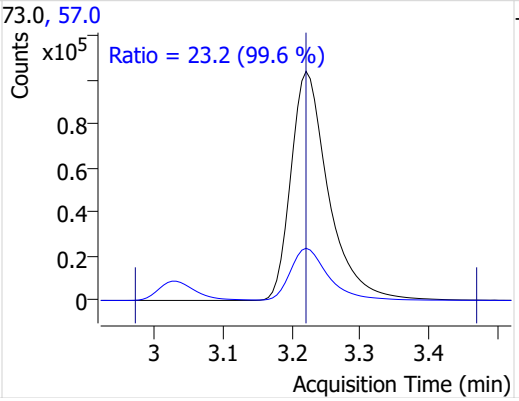


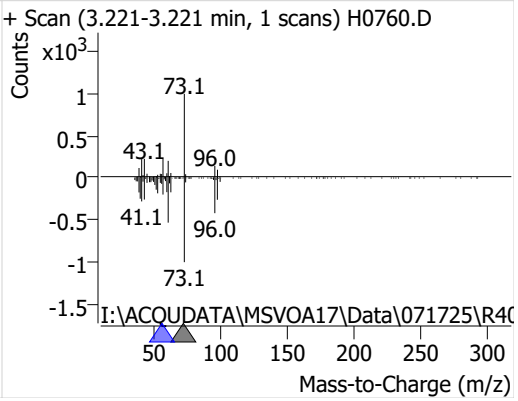




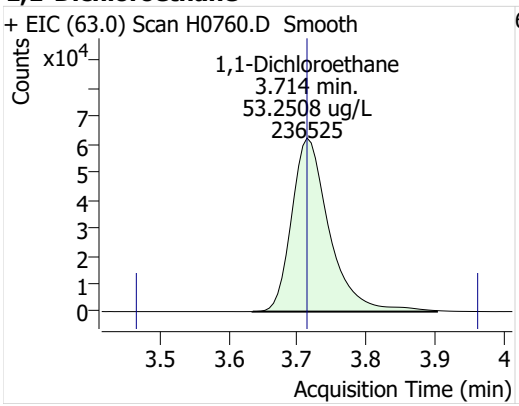
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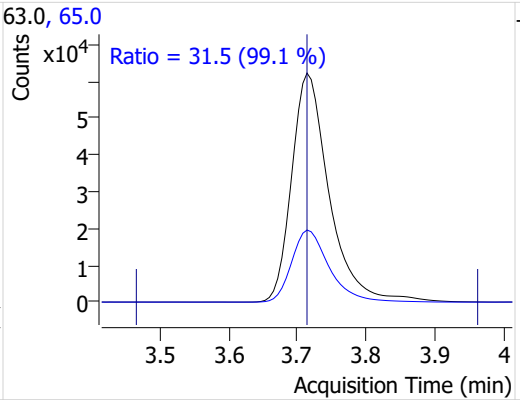


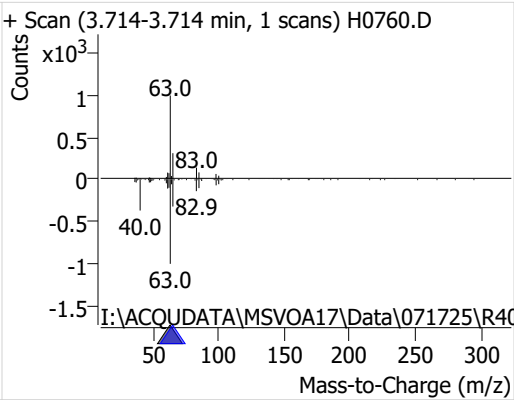




1,1-Dichloroethane

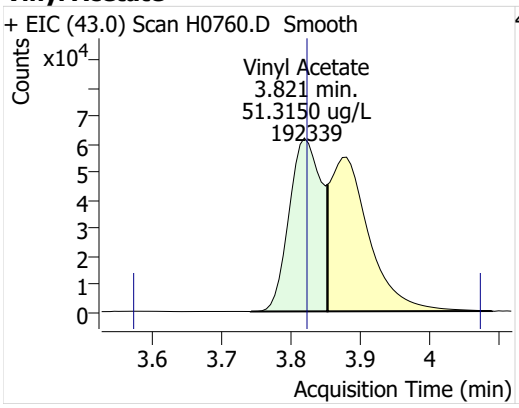


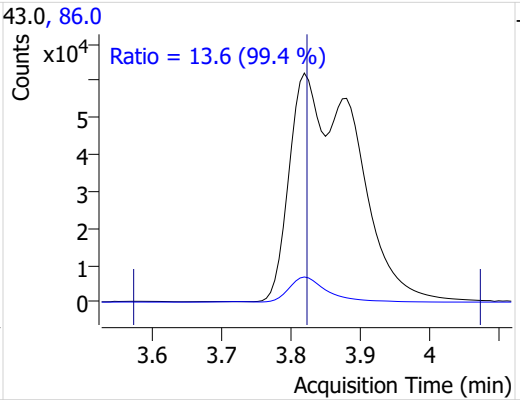


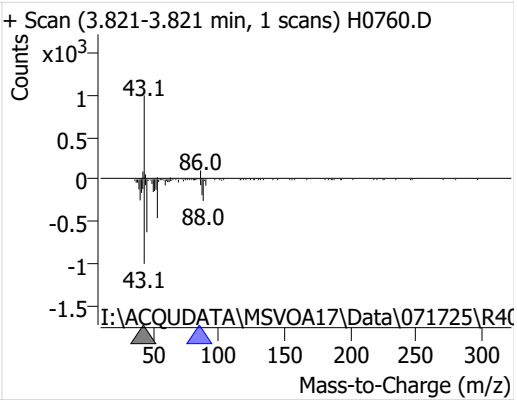


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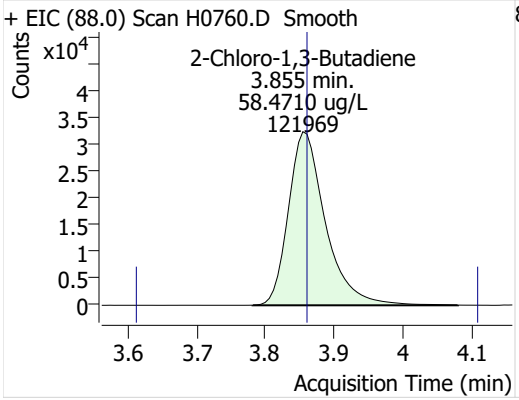
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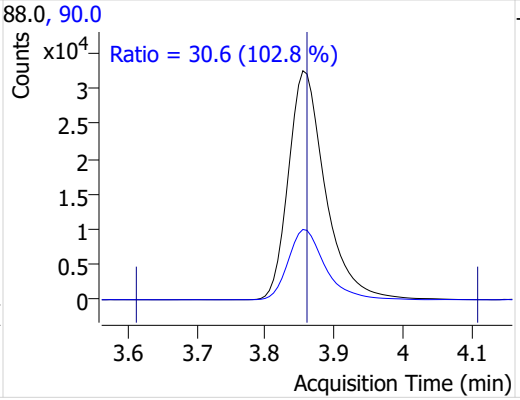


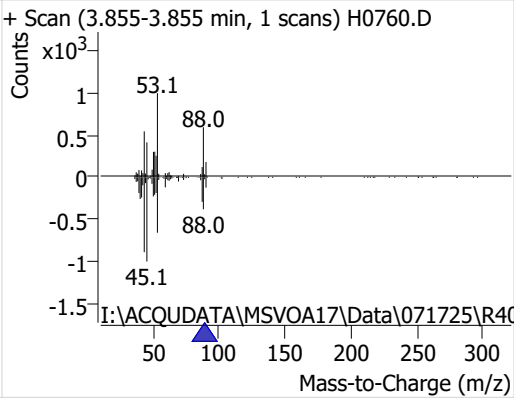




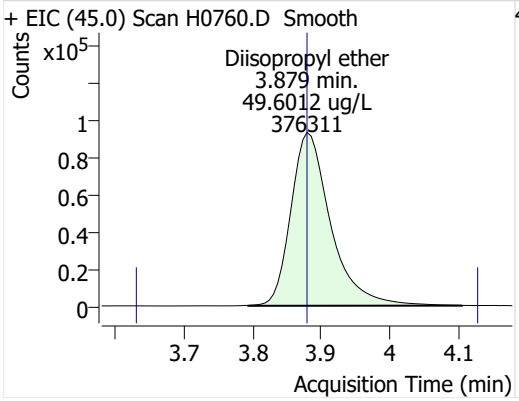
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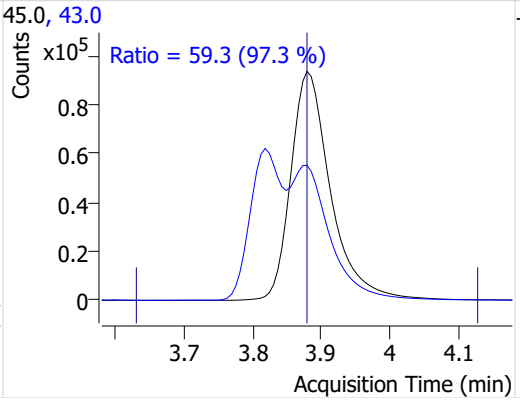


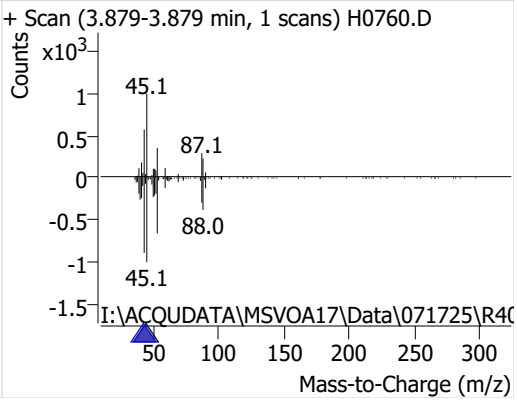




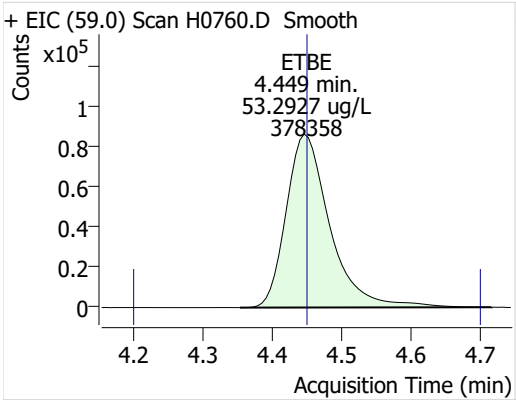
Diisopropyl ether

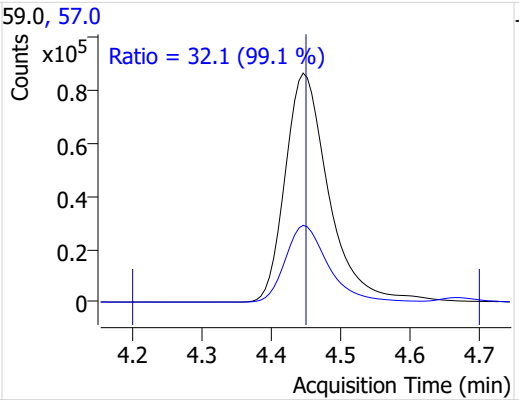


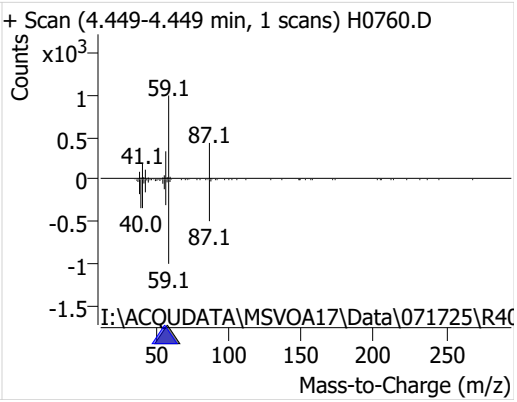




ETBE

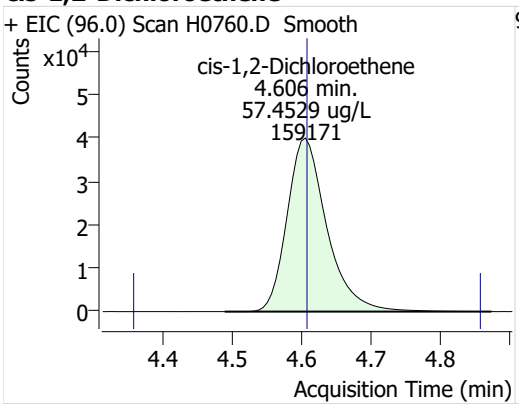


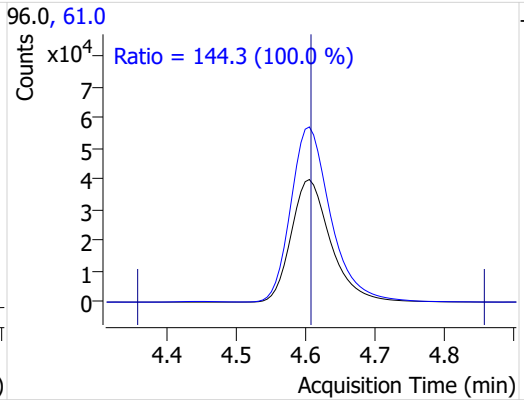


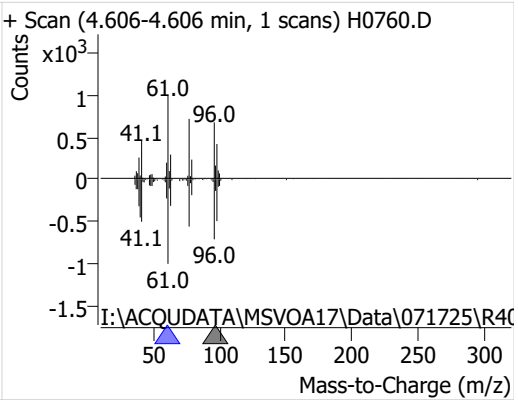


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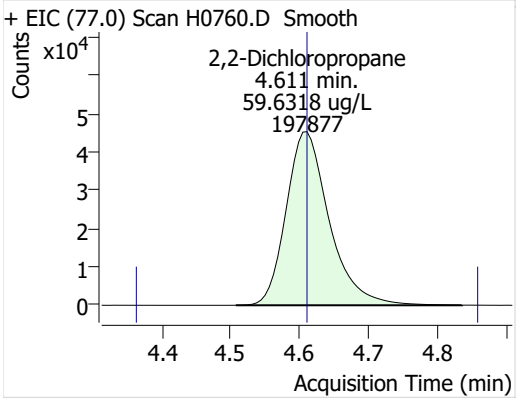
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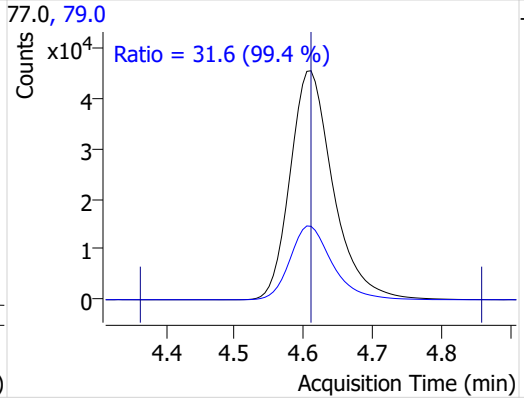


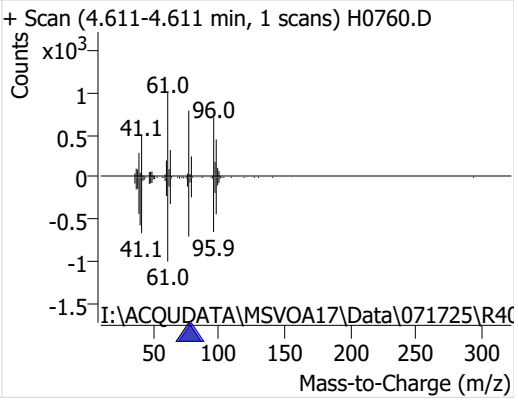




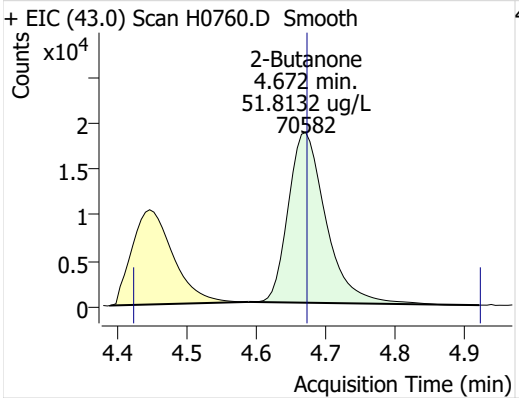
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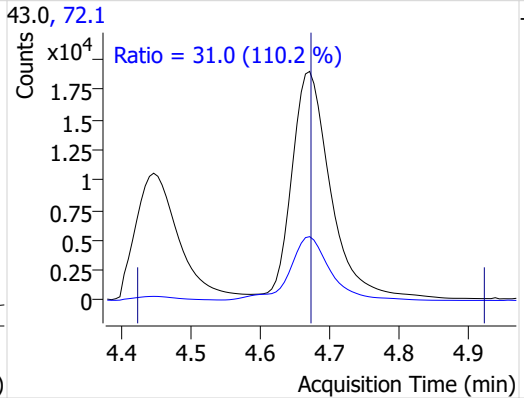


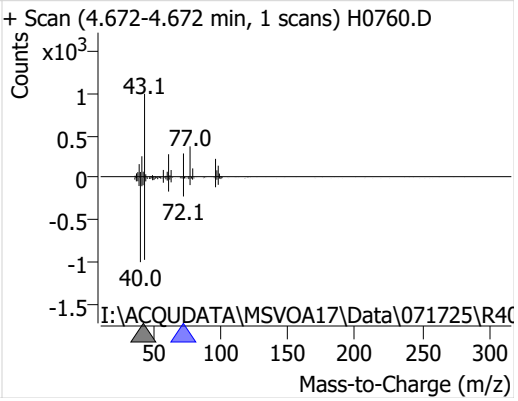




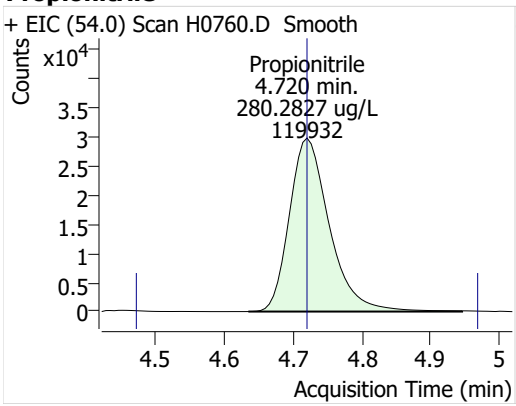
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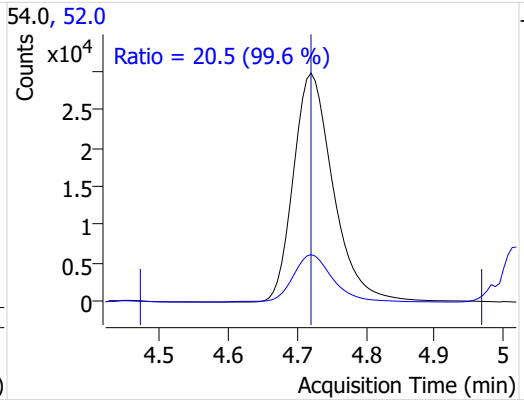


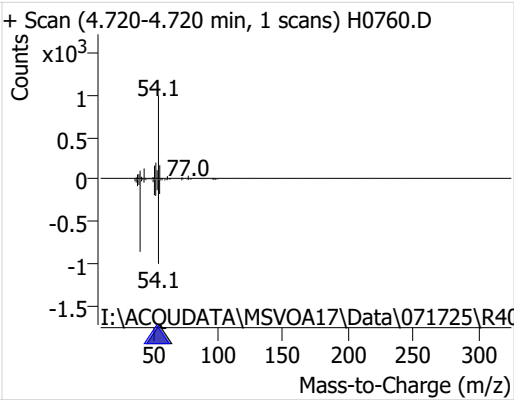




Propionitrile

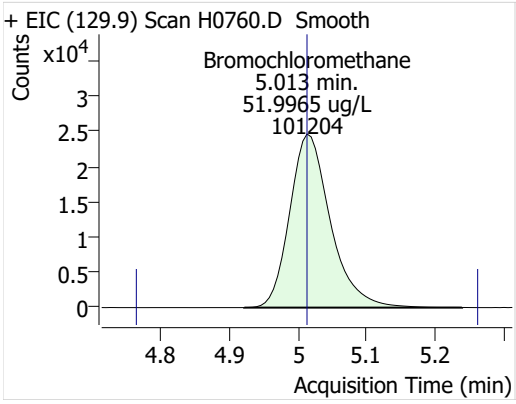


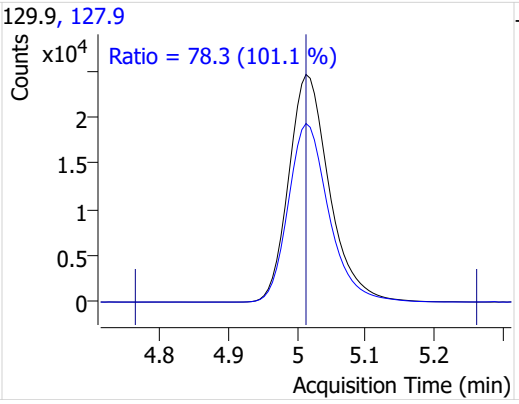


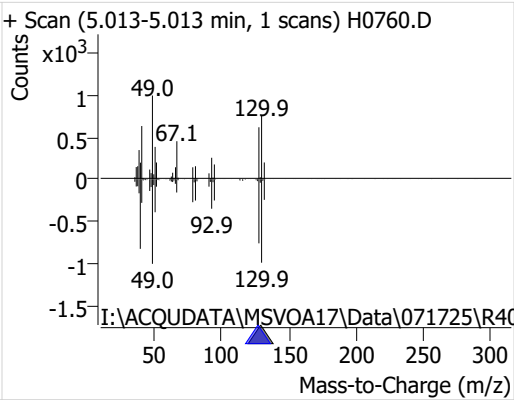


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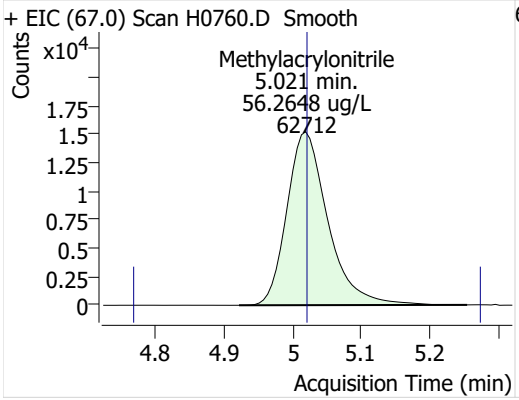
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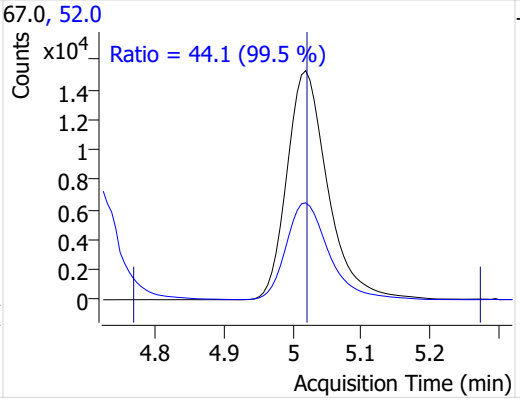


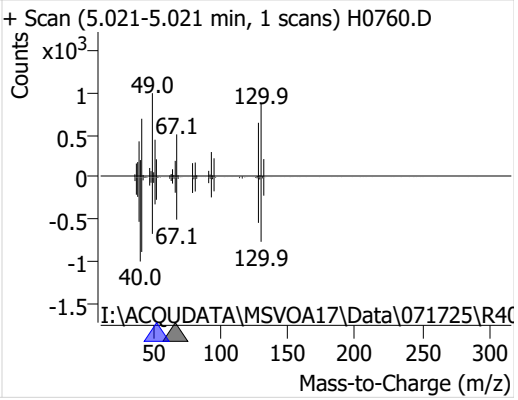




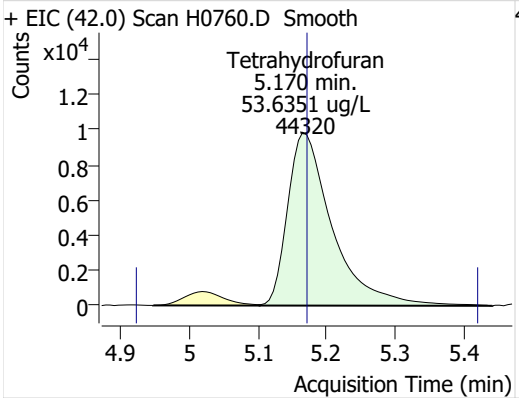
Methylacrylonitrile

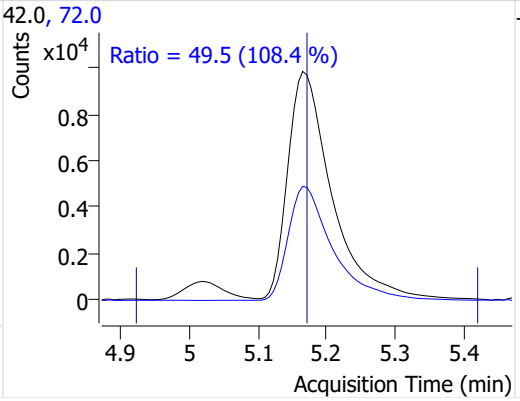


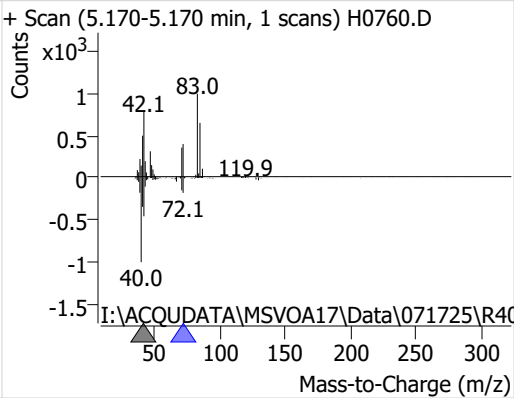




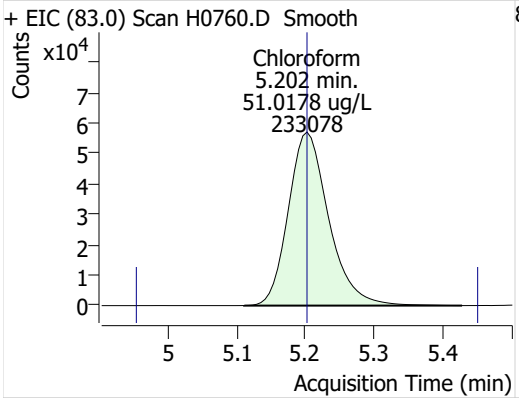
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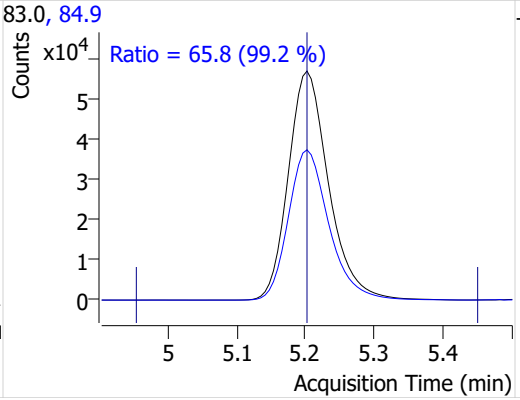


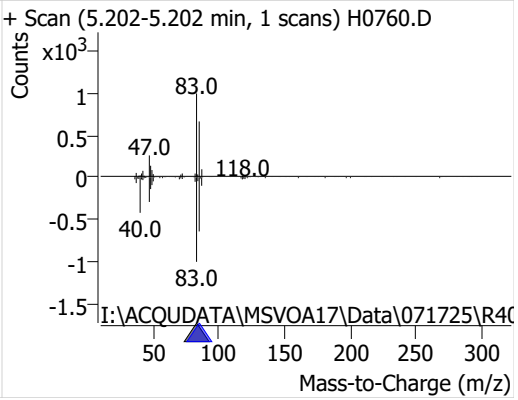




Chloroform

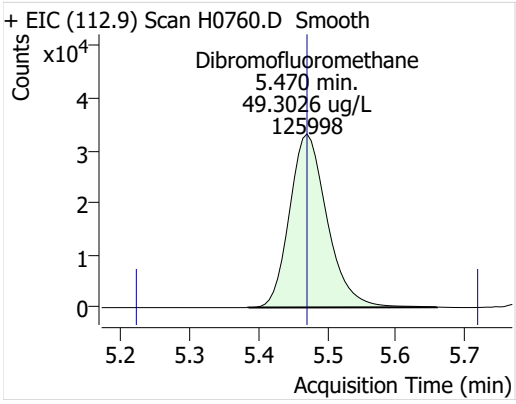


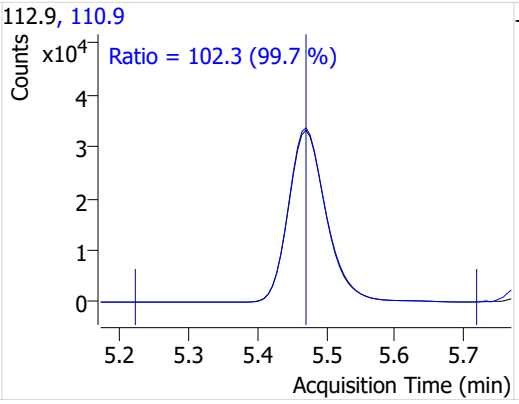


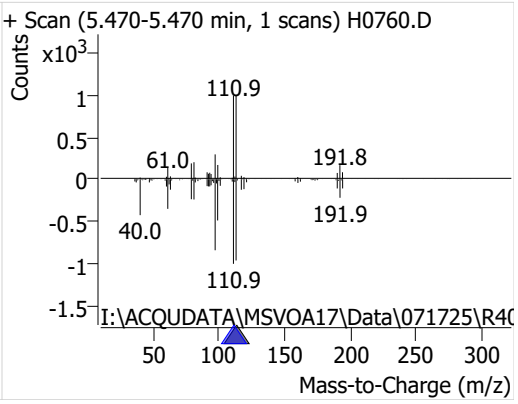


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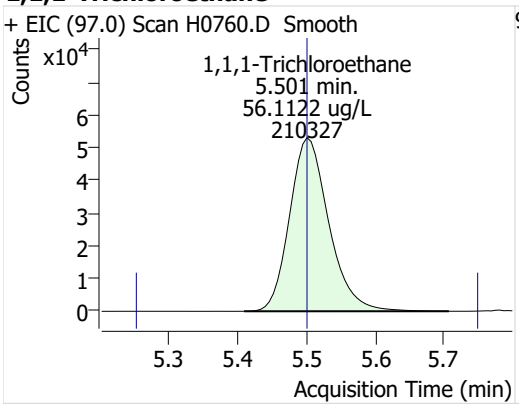
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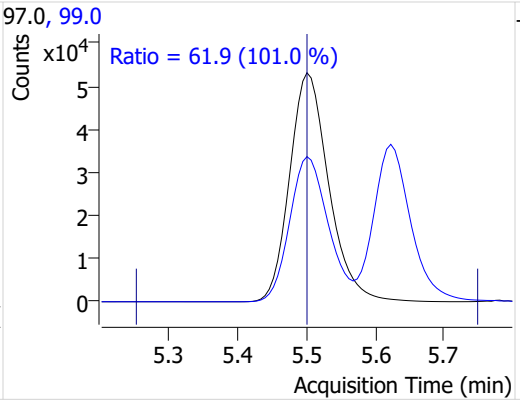


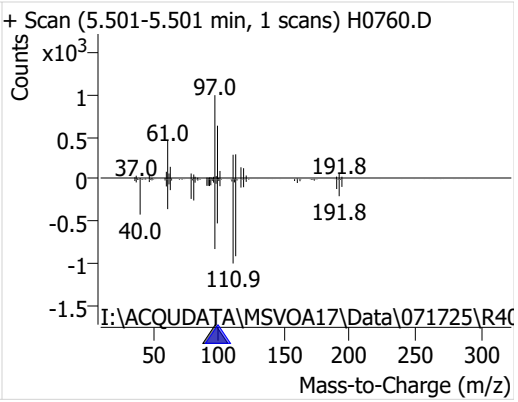




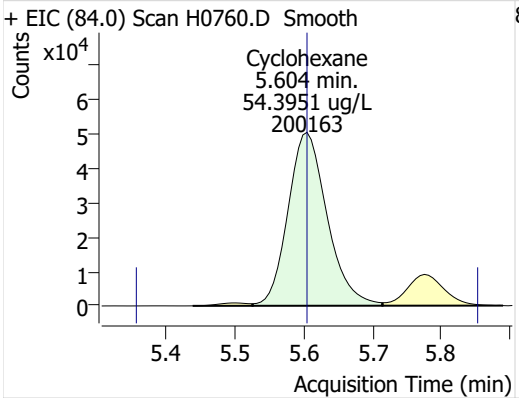
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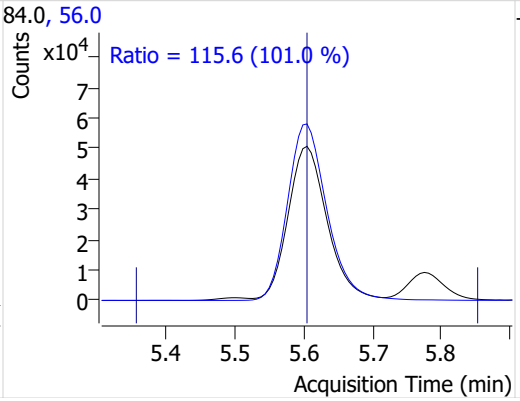


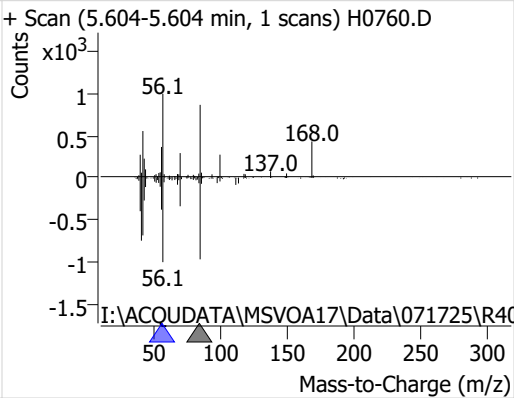




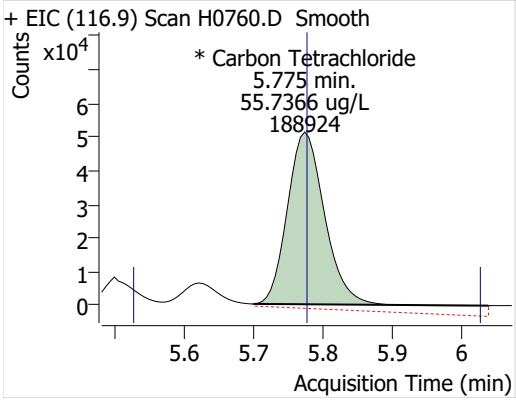
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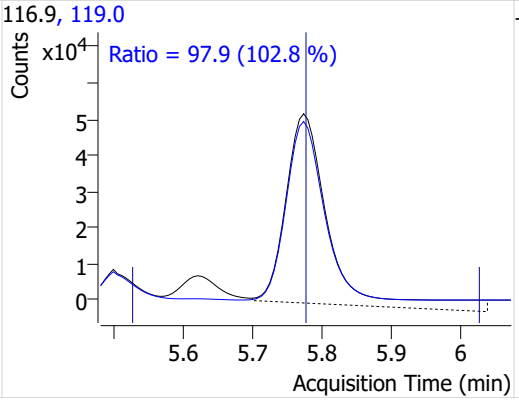


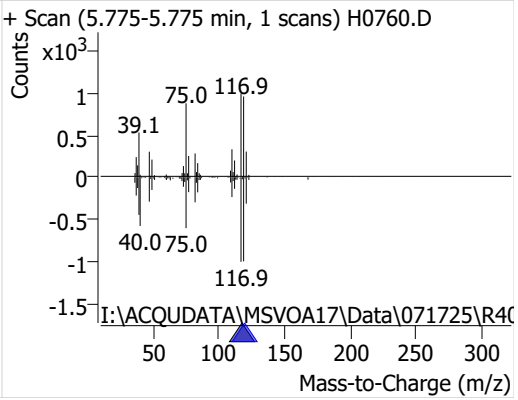




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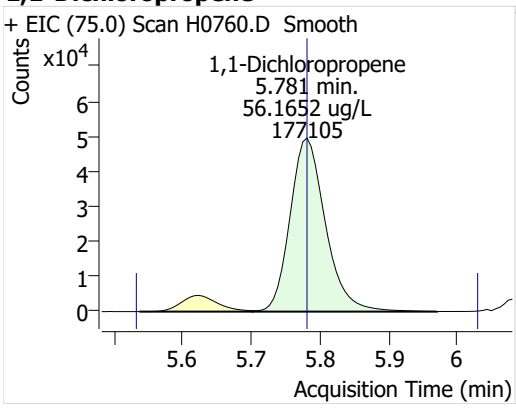


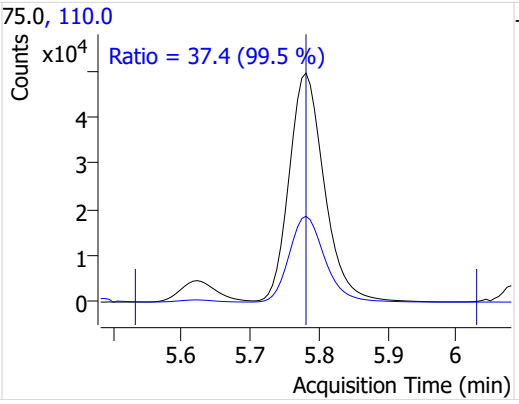


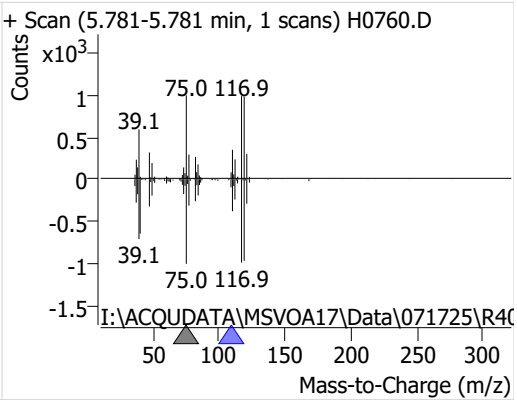


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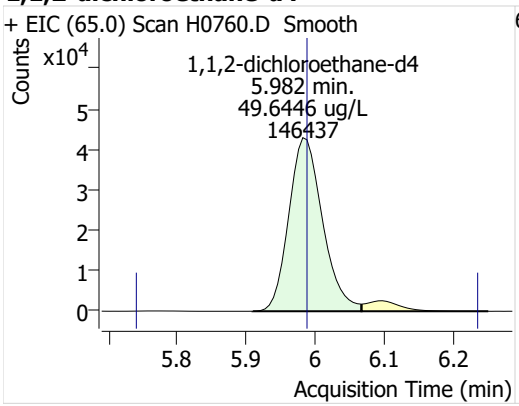
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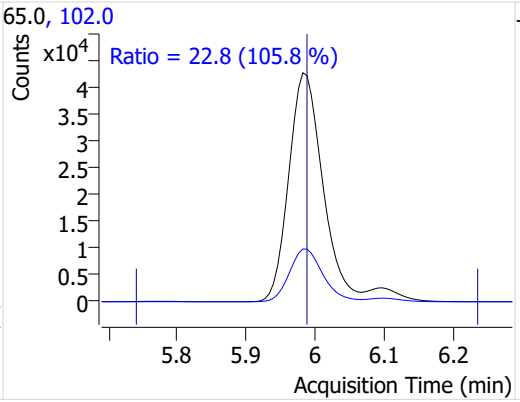


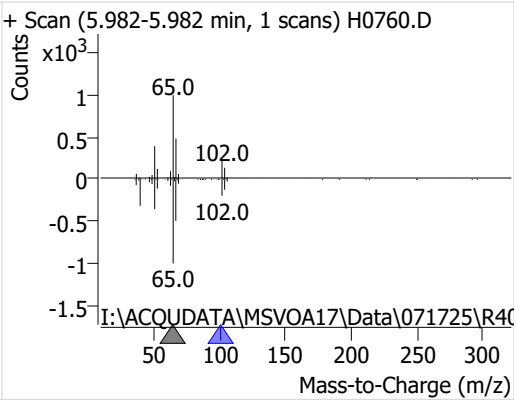




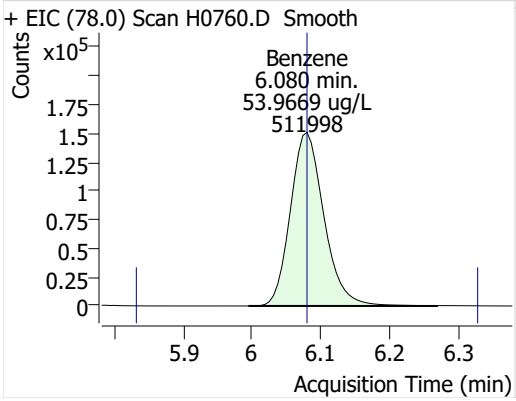
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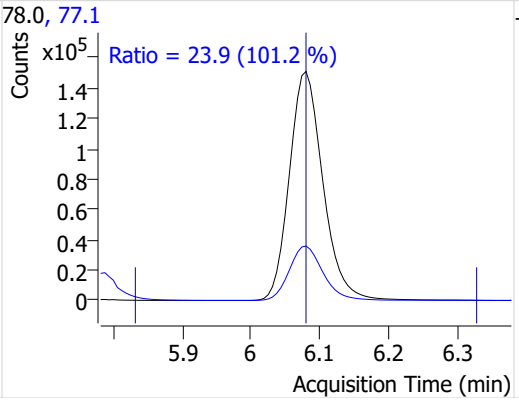


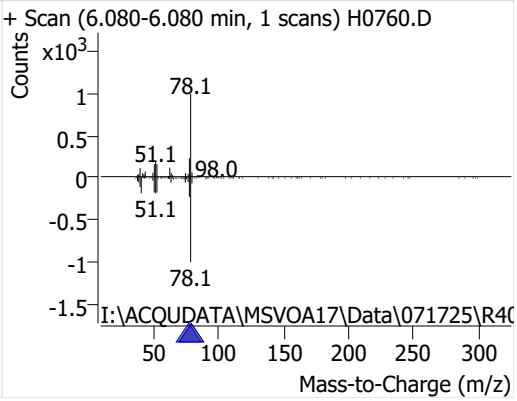




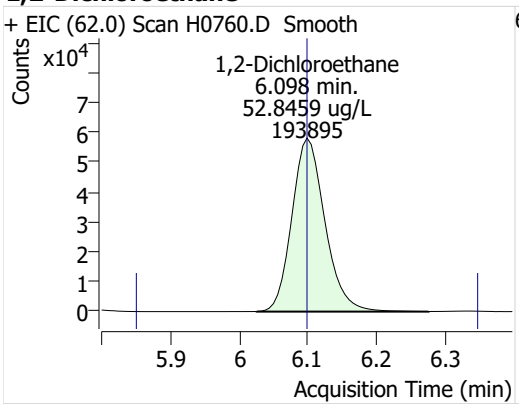
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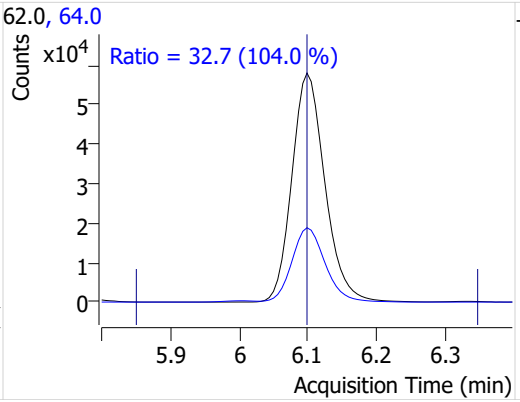


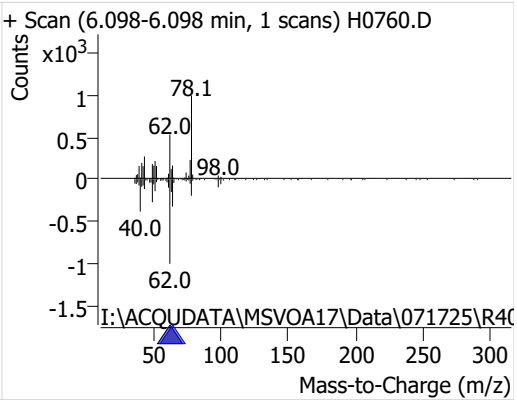




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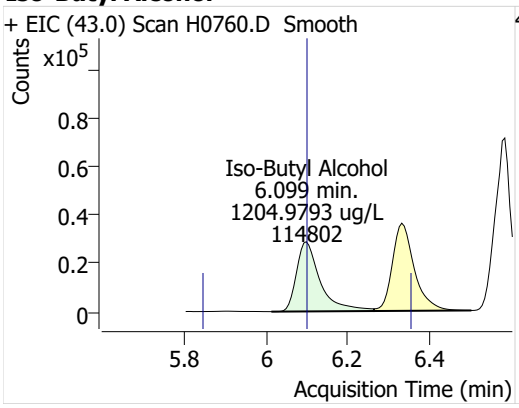


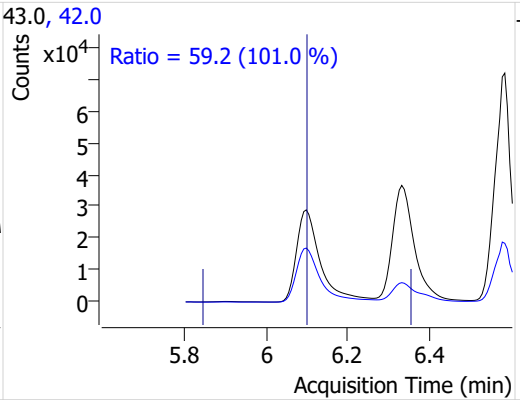


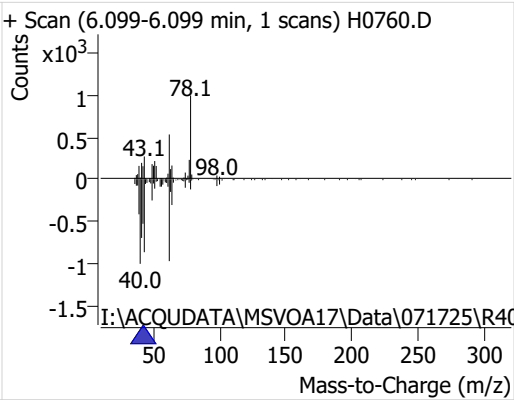


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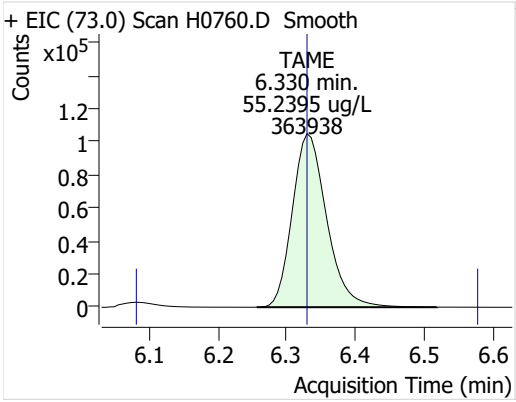
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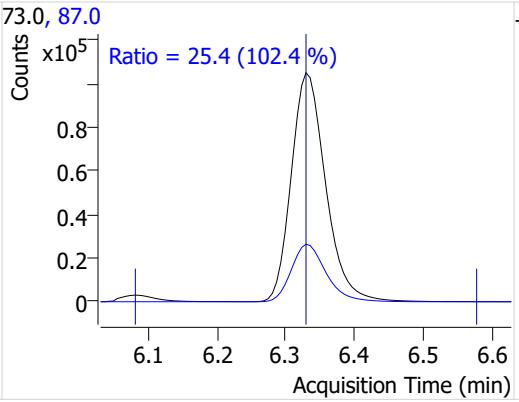


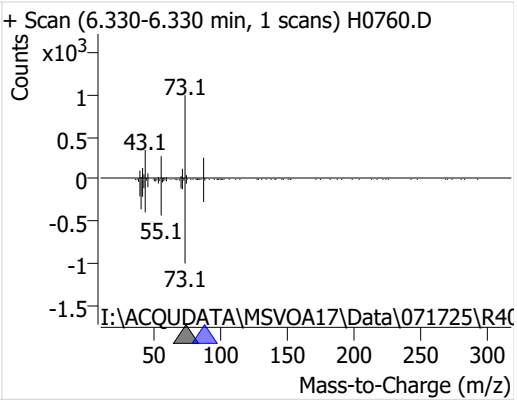




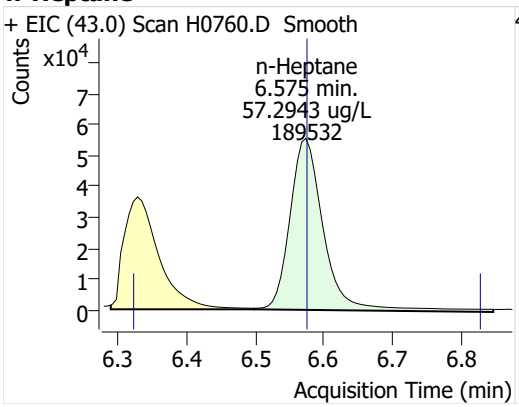
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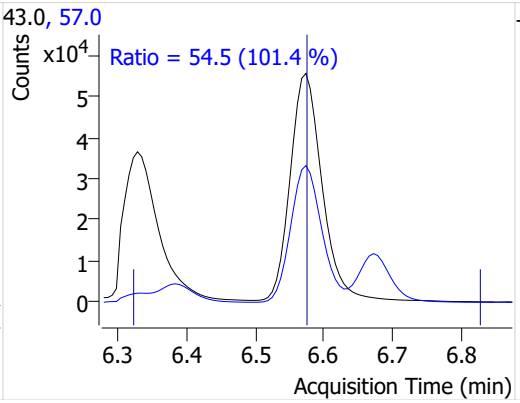


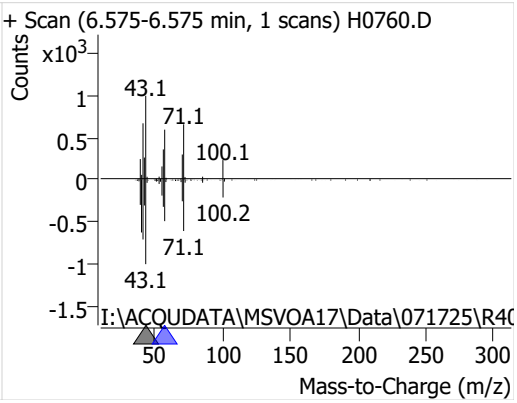




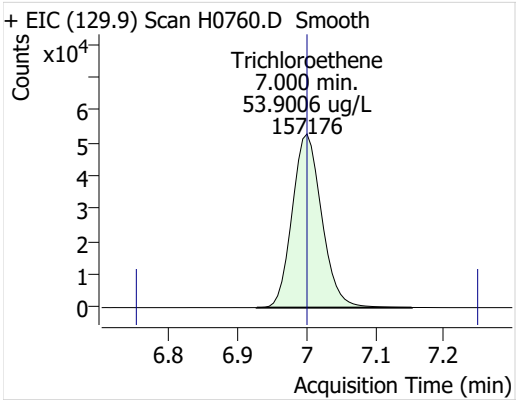
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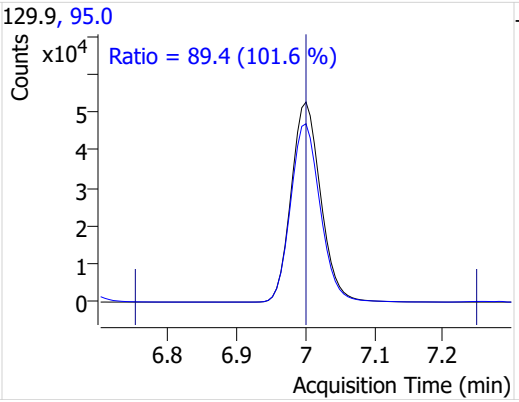


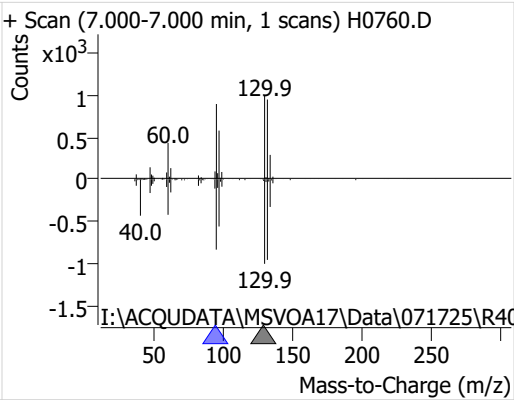




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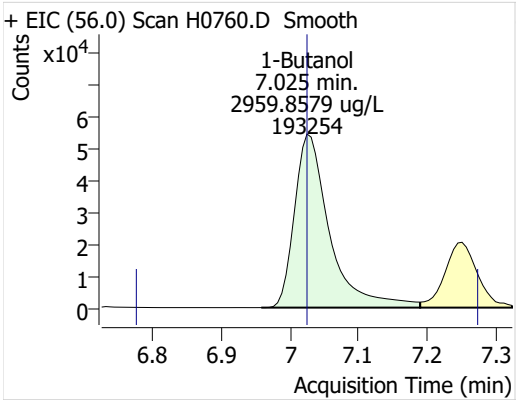


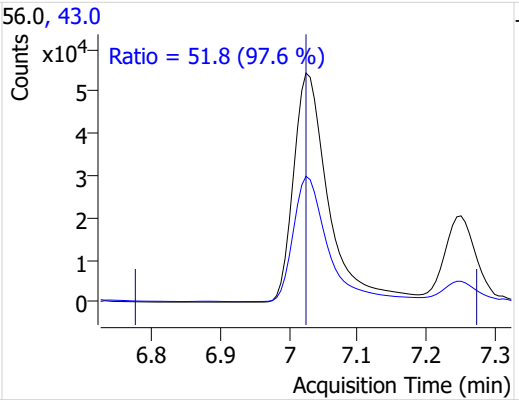


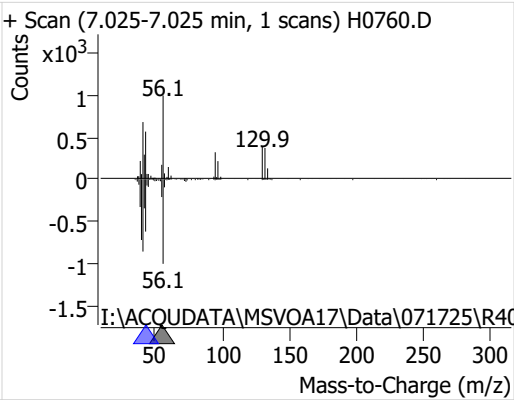


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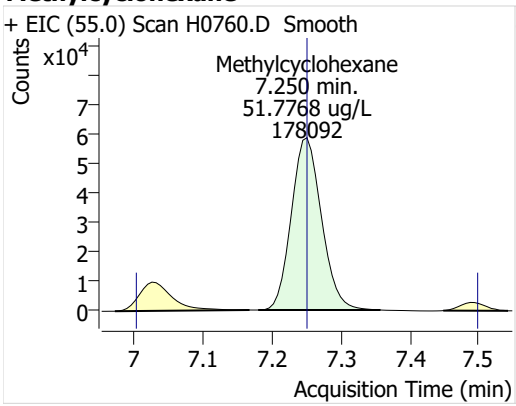
1-Butanol

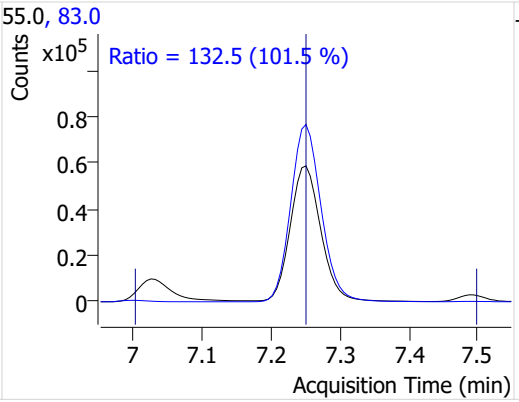


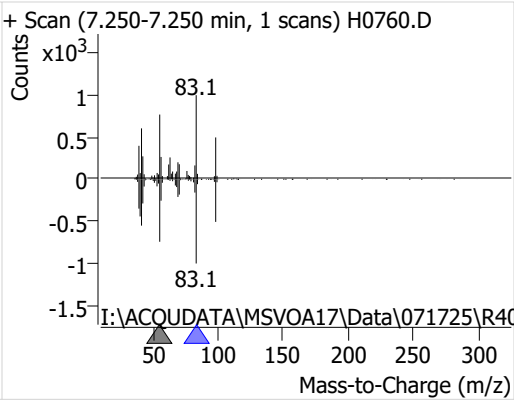




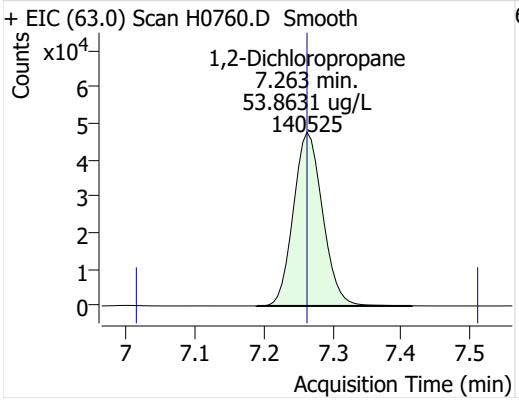
Methylcyclohexane

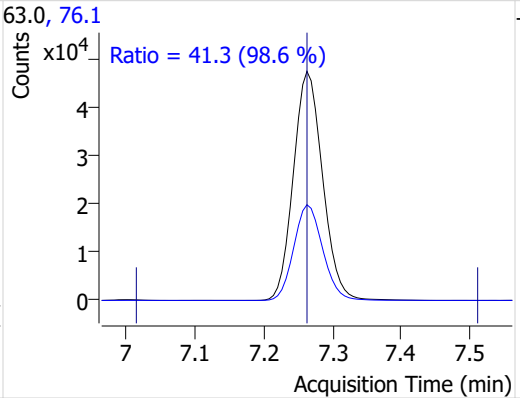


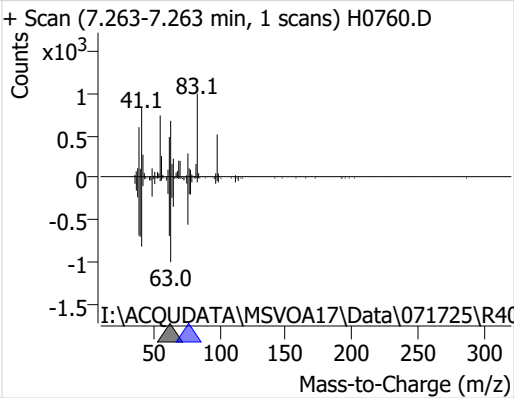




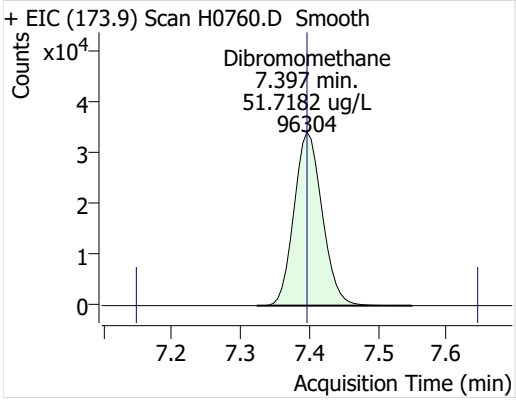
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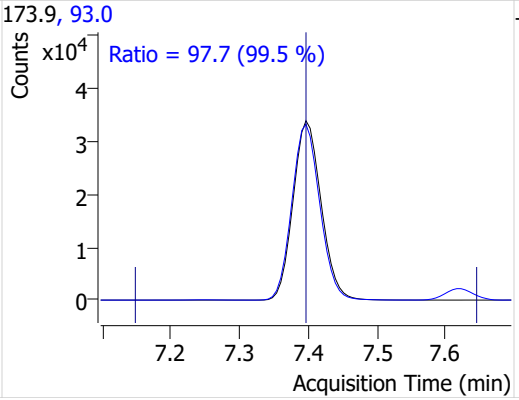


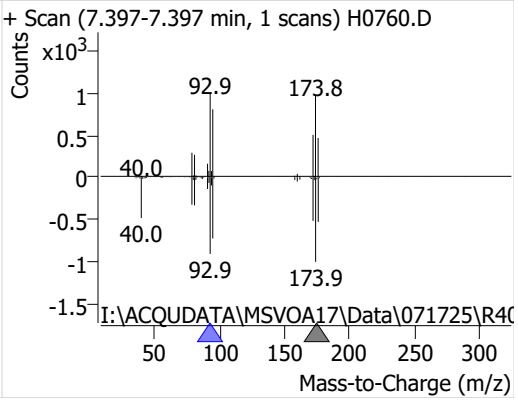




Dibromomethane

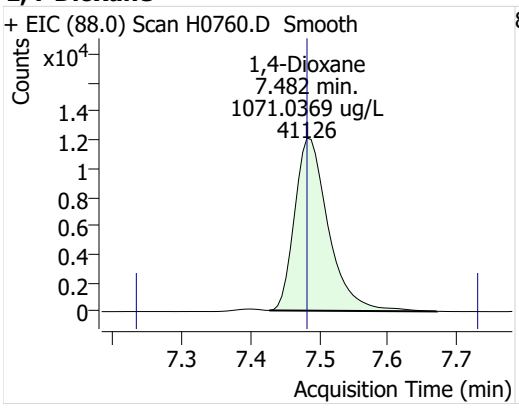


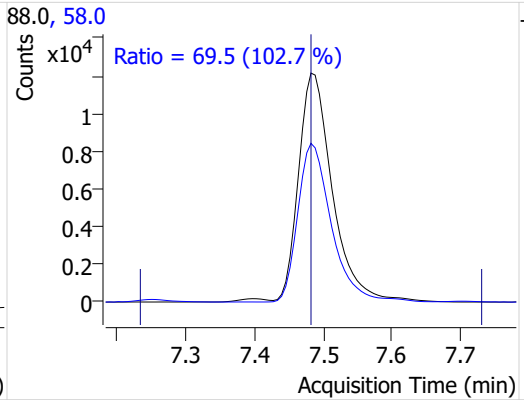


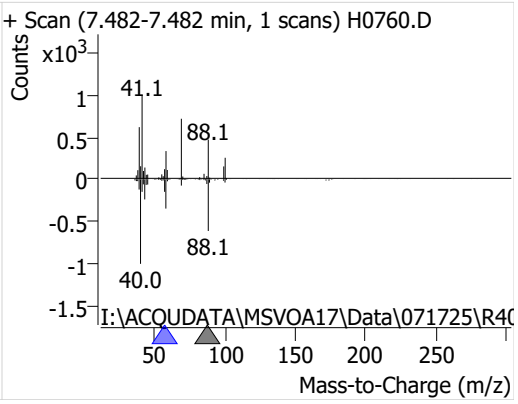


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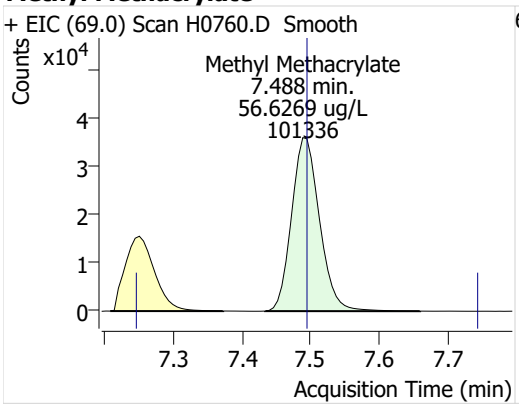
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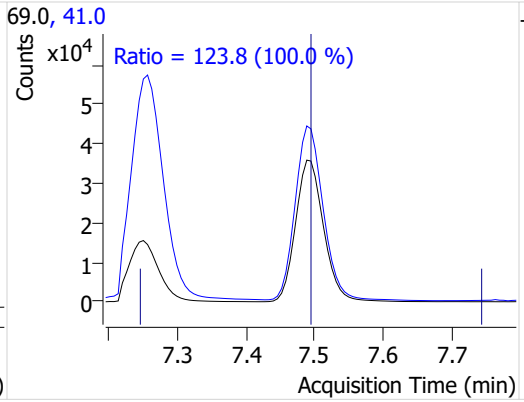


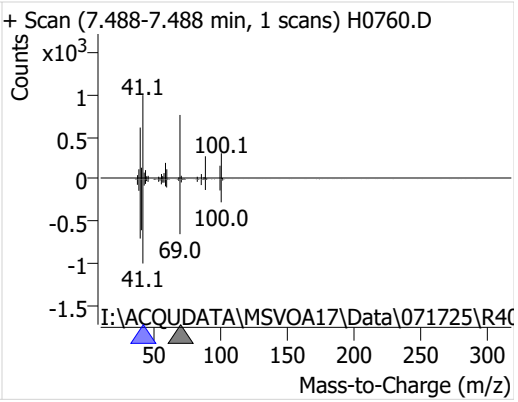




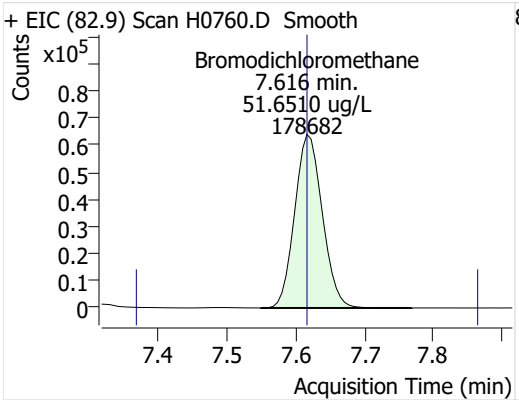
Methyl Methacrylate

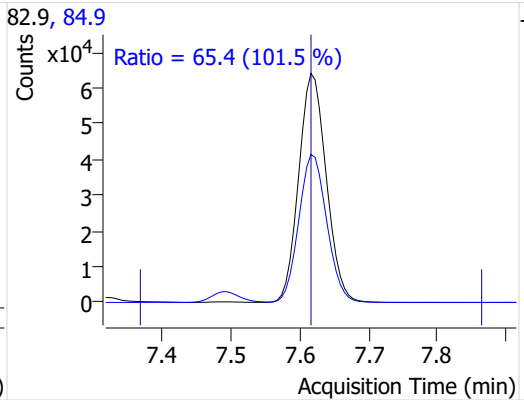


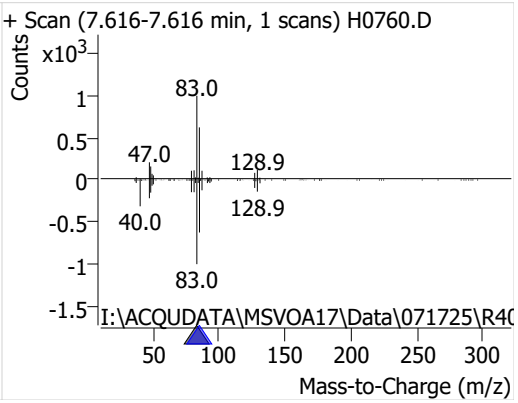




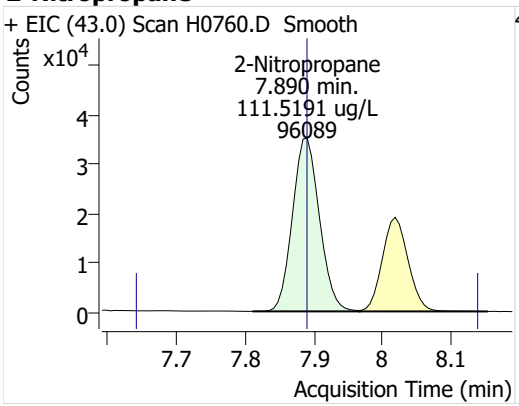
Bromodichloromethane

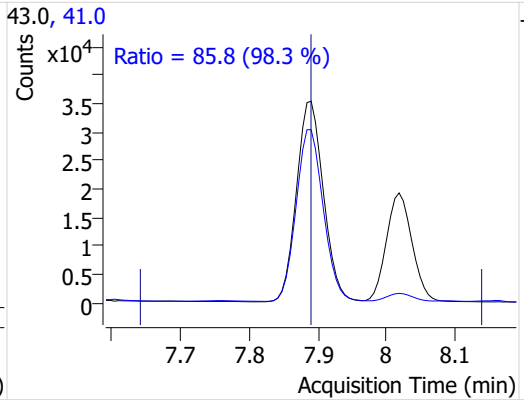


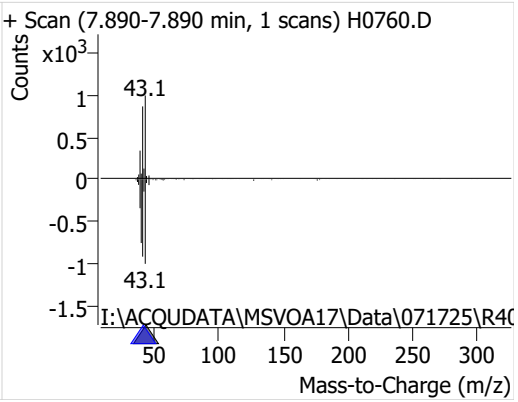




2-Nitropropane

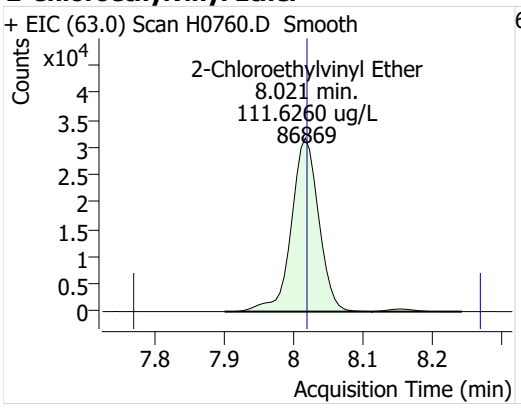


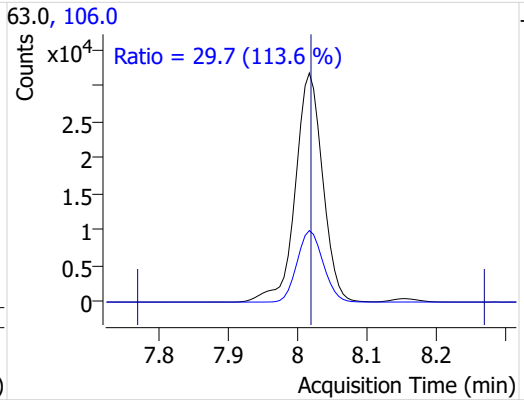


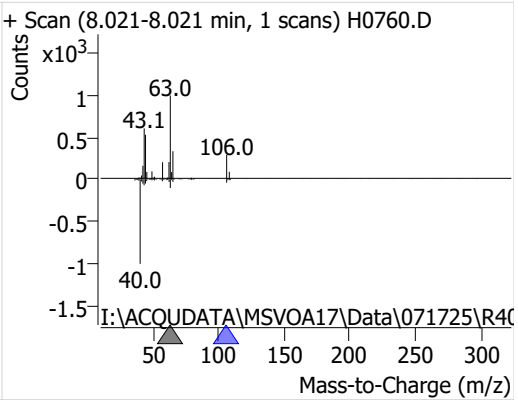


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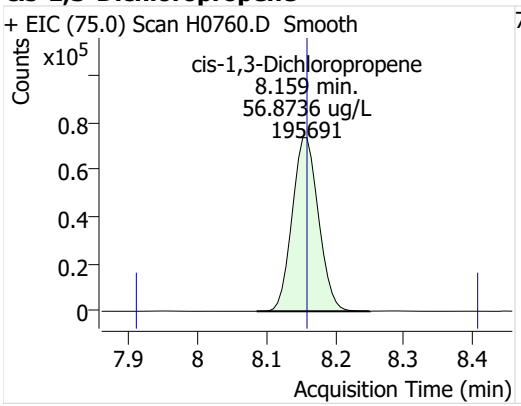
2-Chloroethylvinyl Ether

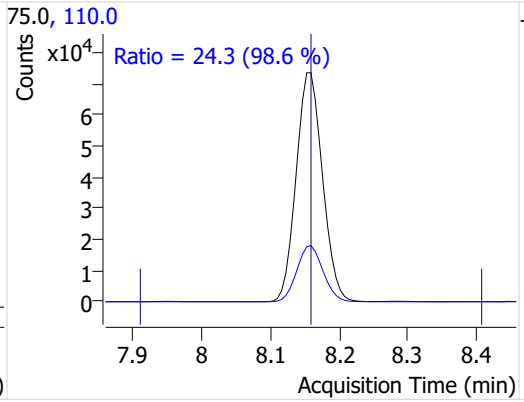


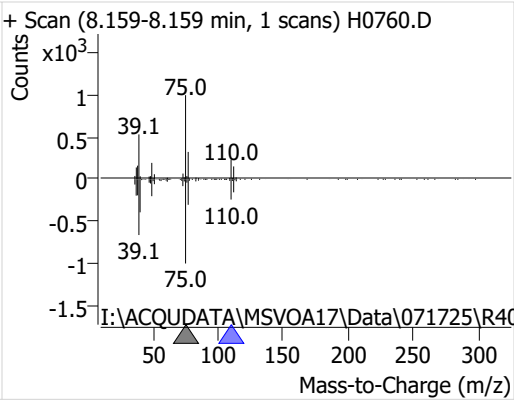




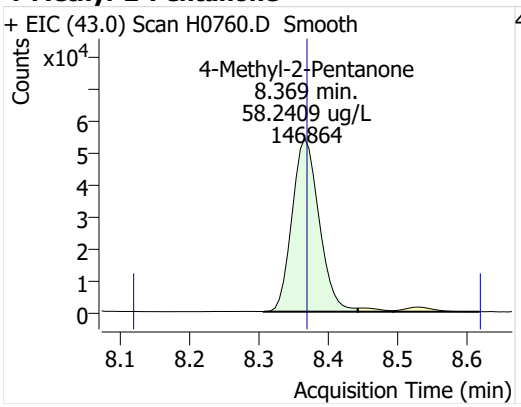
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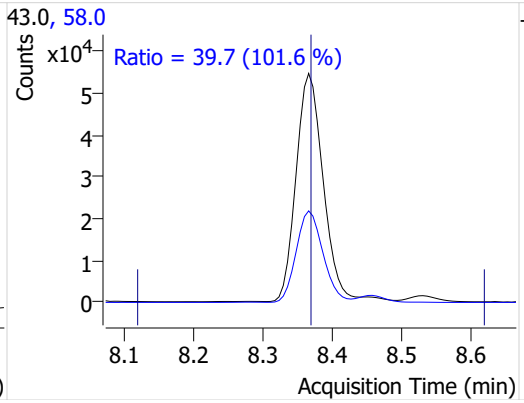


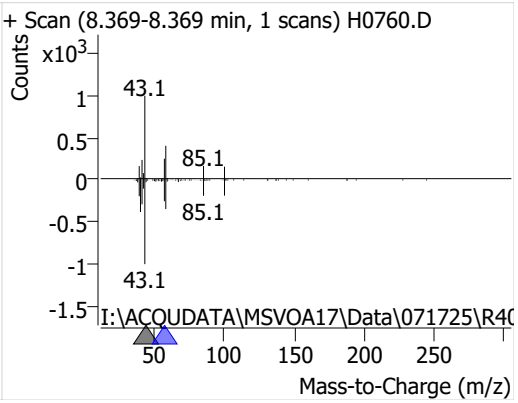




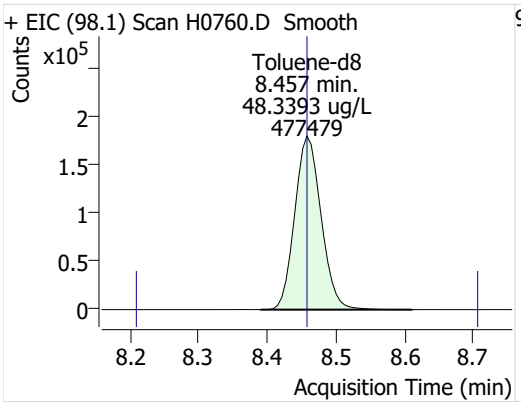
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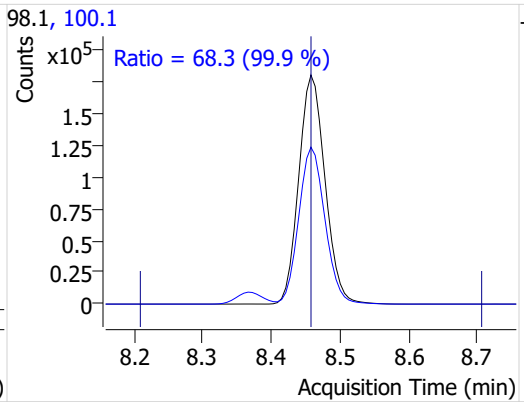


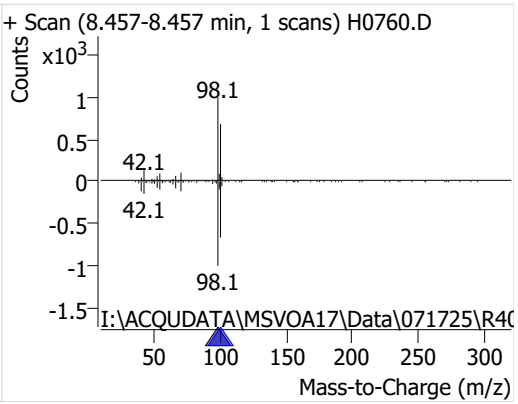




Toluene-d8

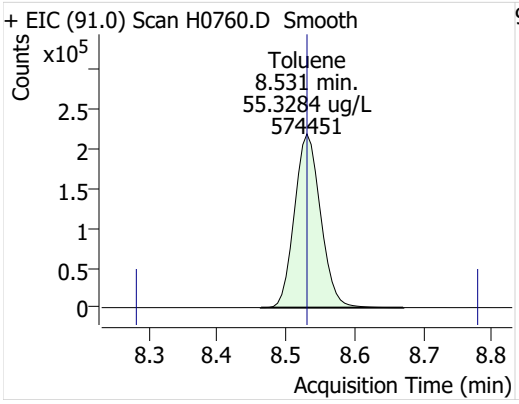


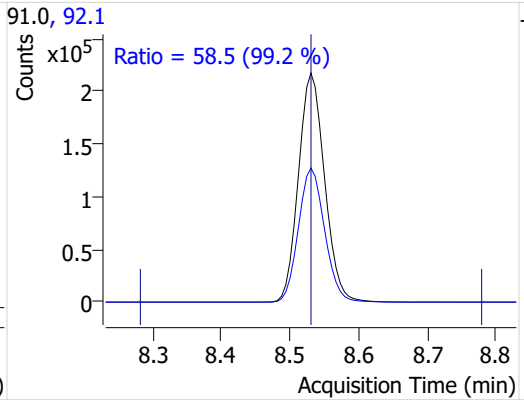


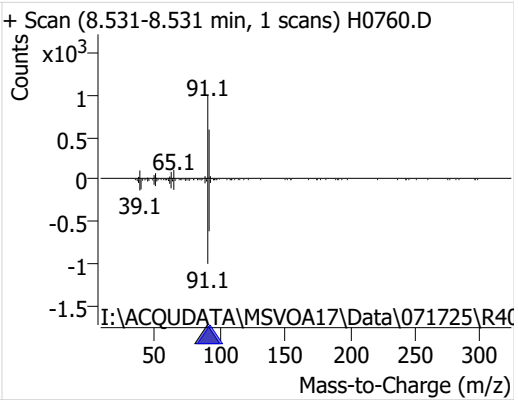


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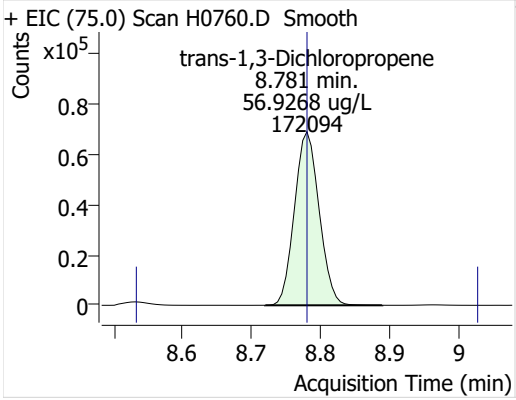
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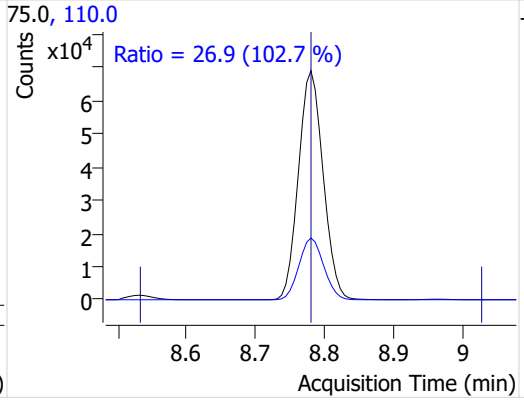


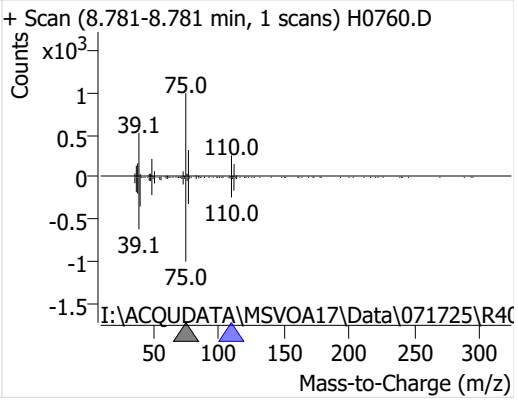




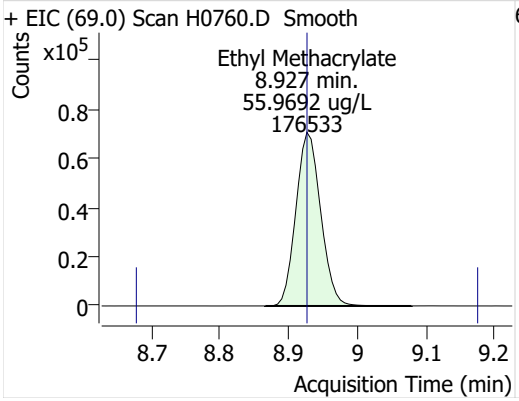
trans-1,3-Dichloropropene

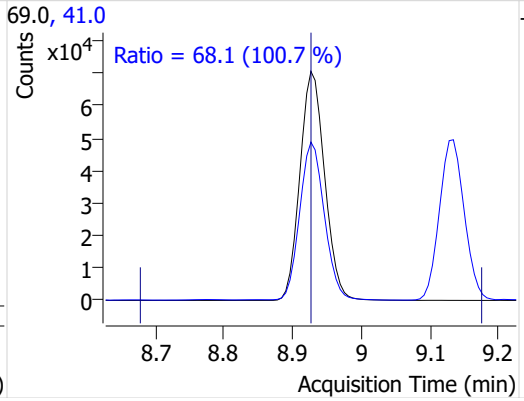


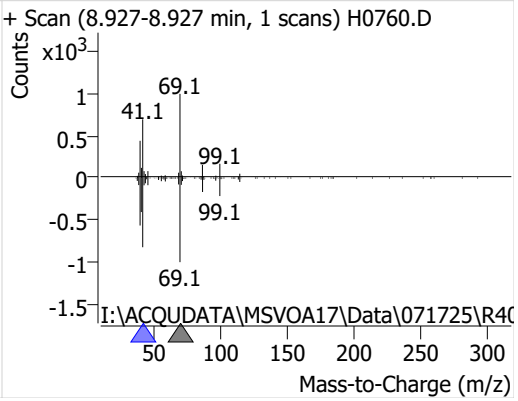




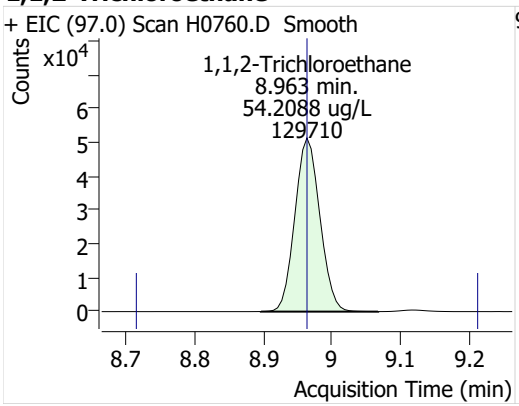
Ethyl Methacrylate

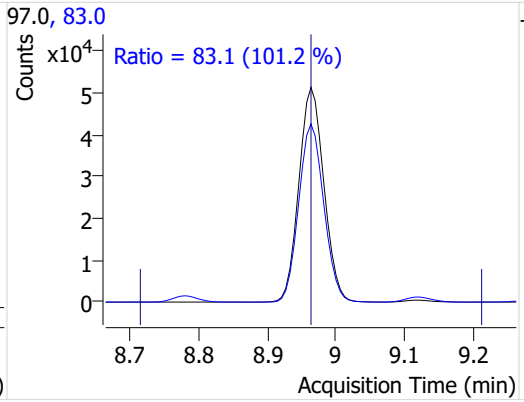


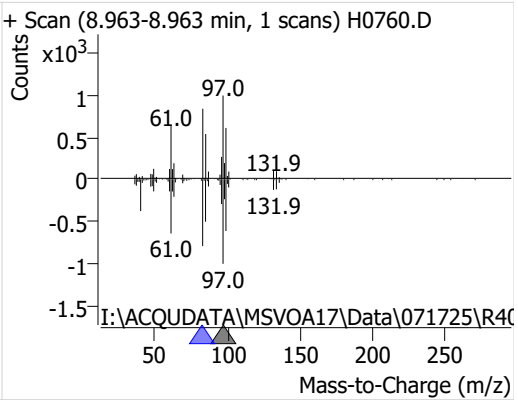




1,1,2-Trichloroethane

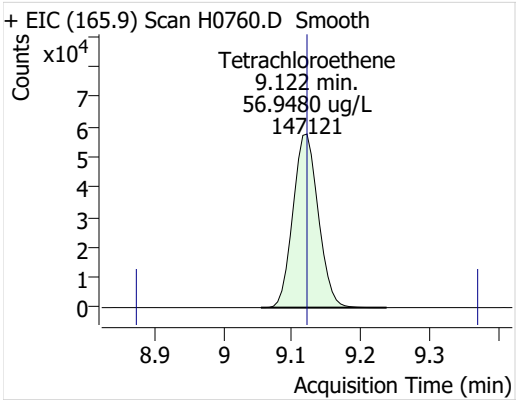


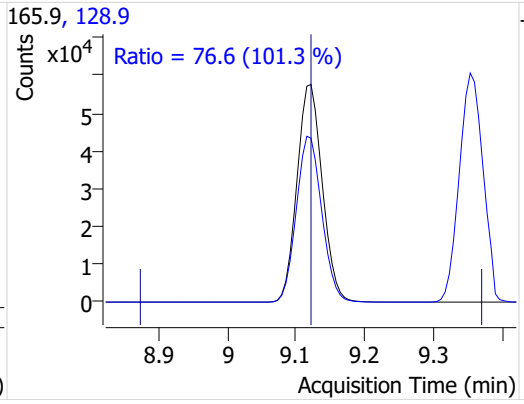


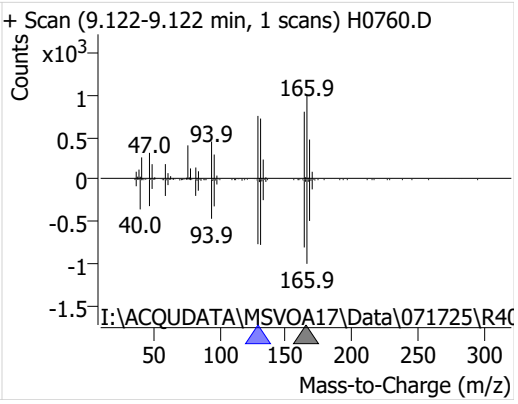


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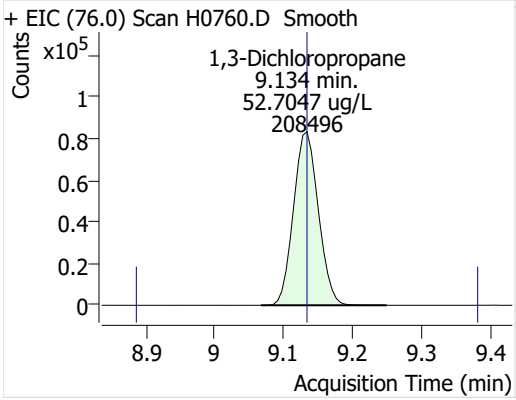
Tetrachloroethene

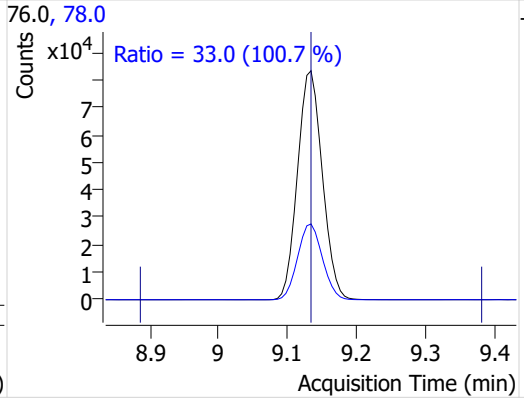


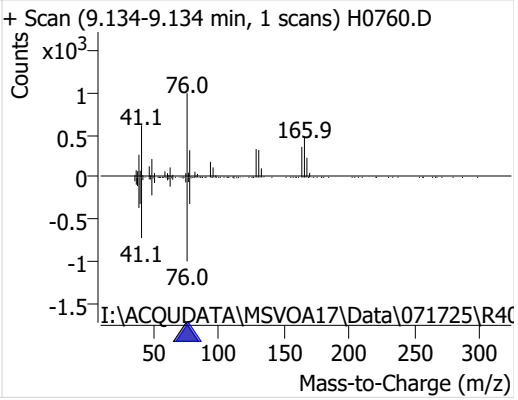




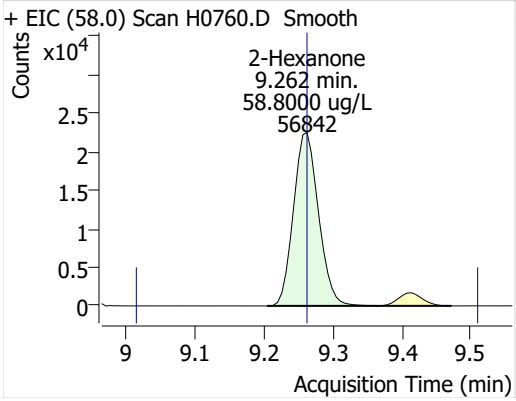
1,3-Dichloropropane

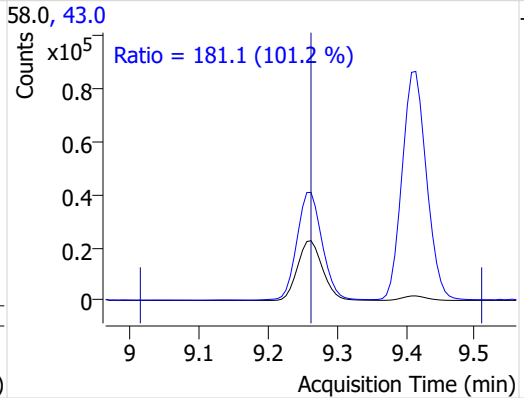


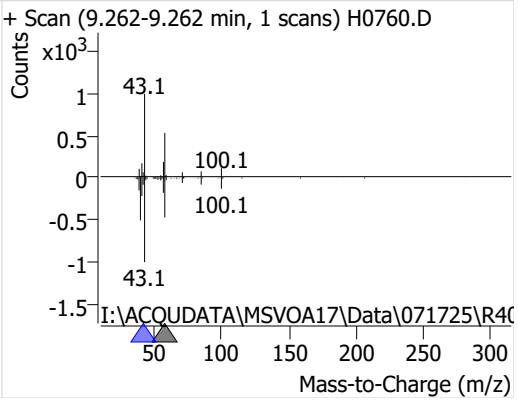




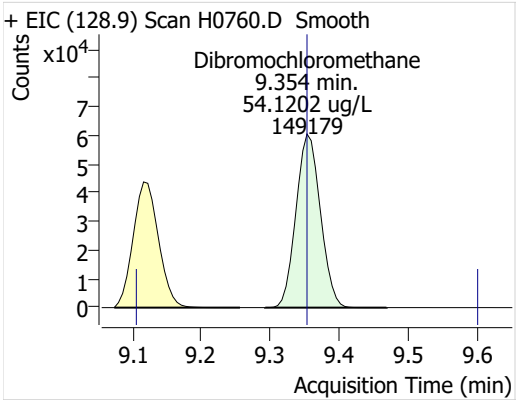
2-Hexanone

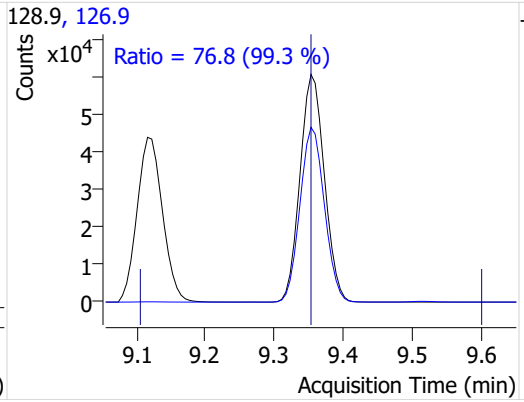


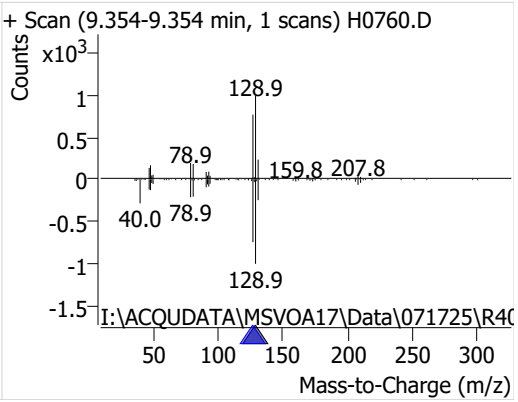




Dibromochloromethane

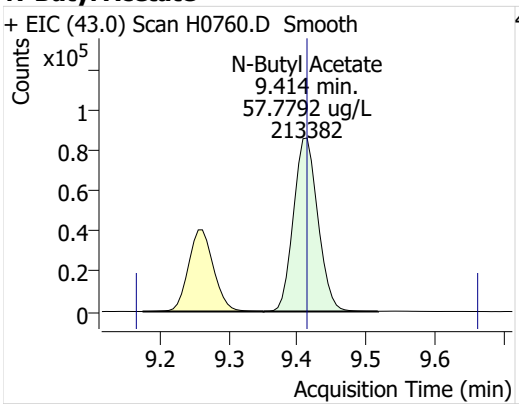


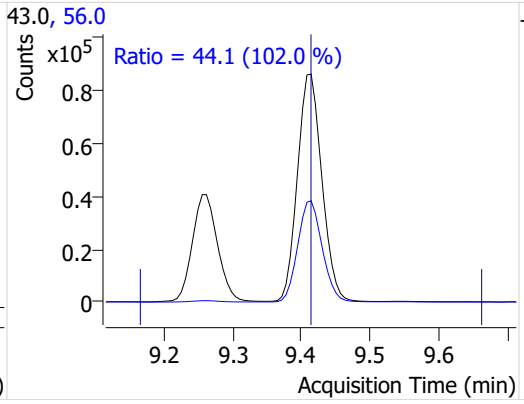


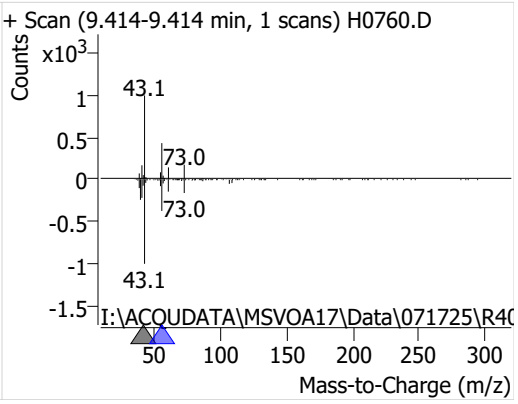


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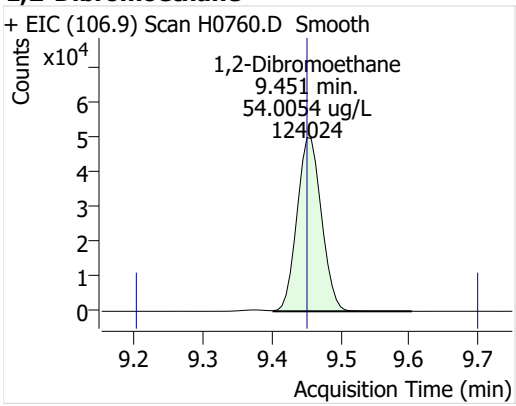
N-Butyl Acetate

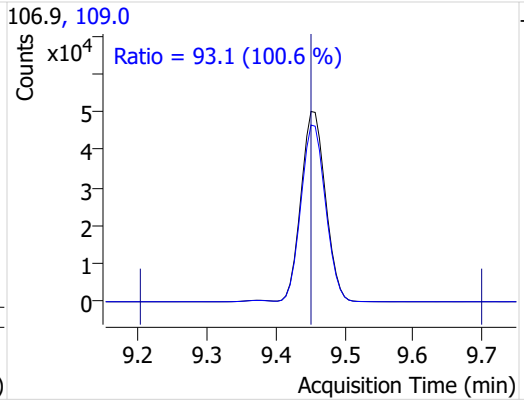


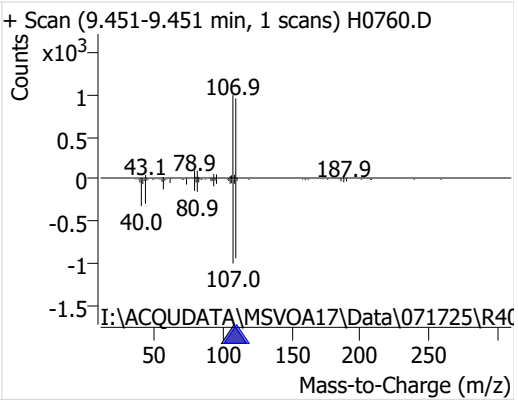




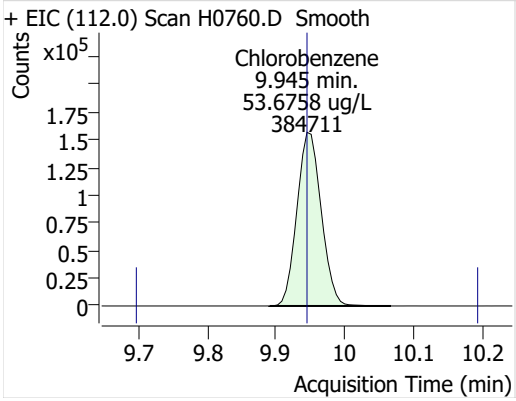
1,2-Dibromoethane

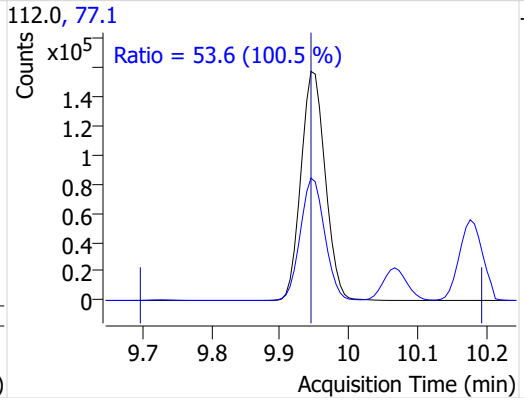


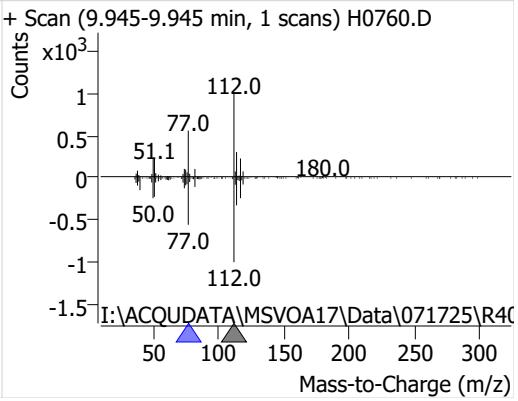




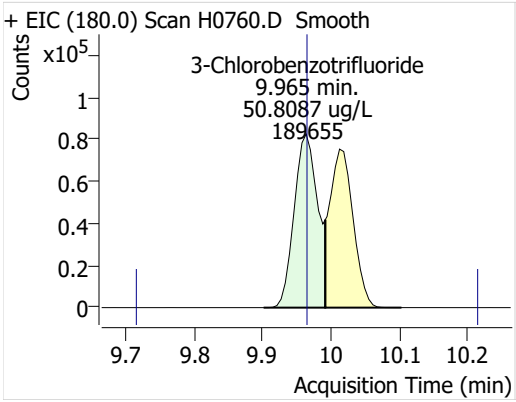
Chlorobenzene

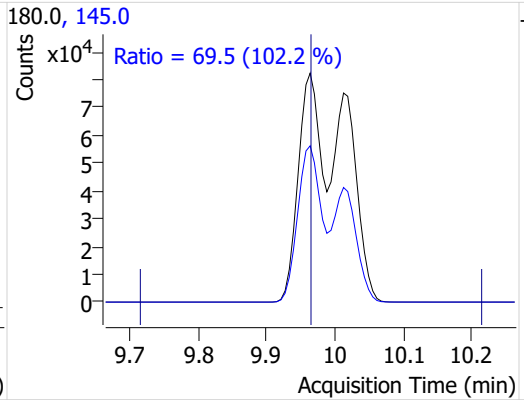


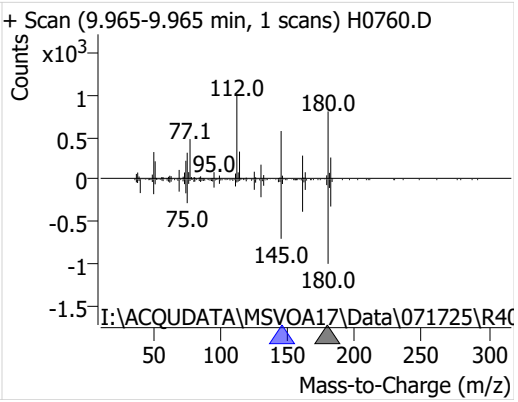




3-Chlorobenzotrifluoride

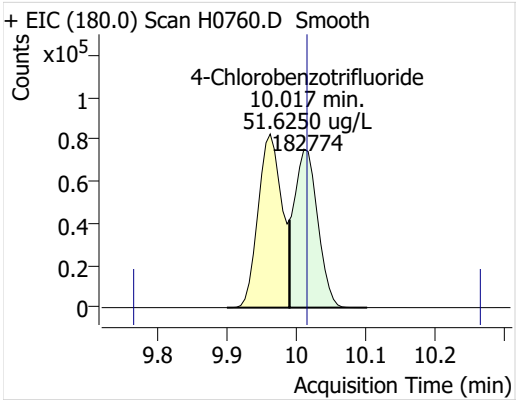


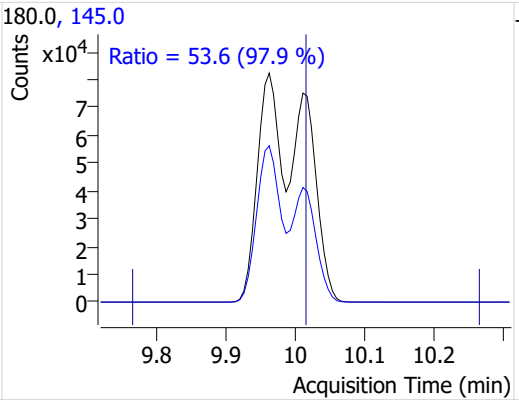


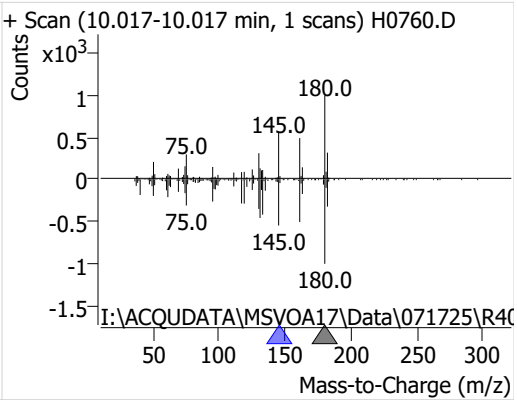


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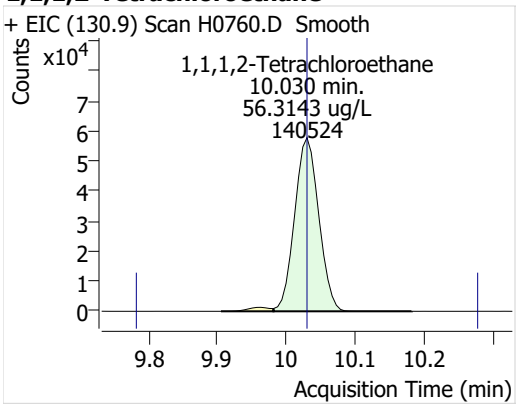
4-Chlorobenzotrifluoride

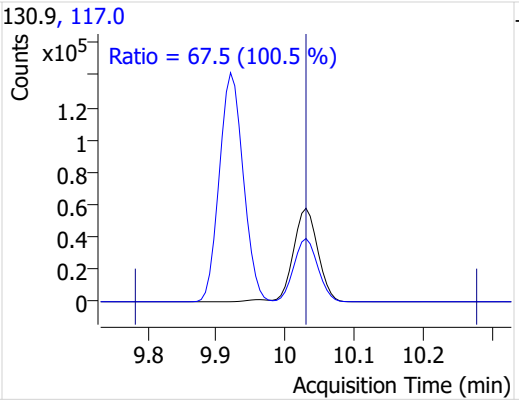


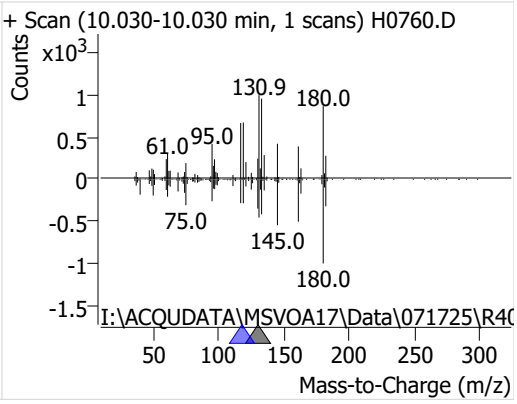




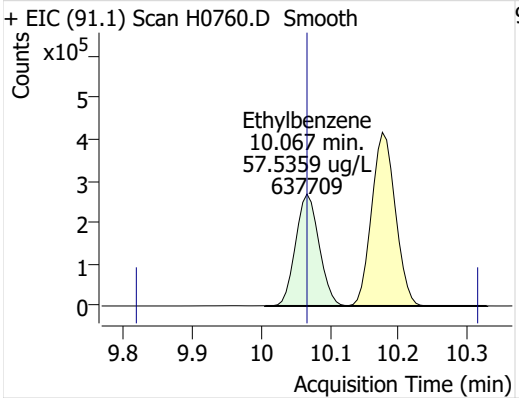
1,1,1,2-Tetrachloroethane

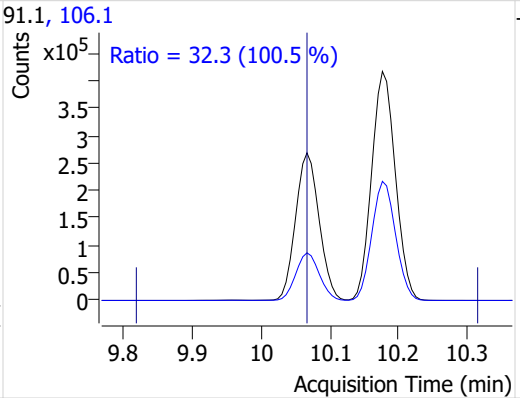


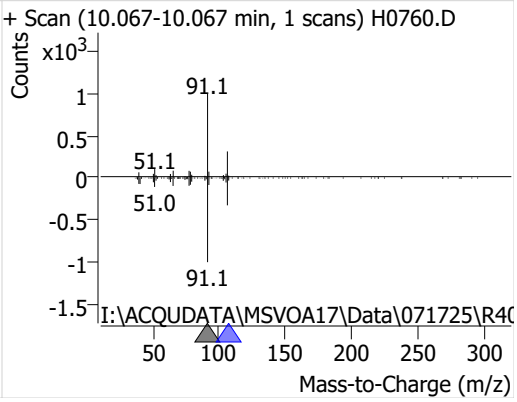




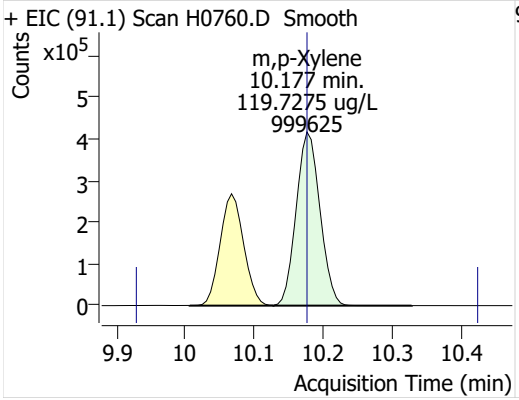
Ethylbenzene

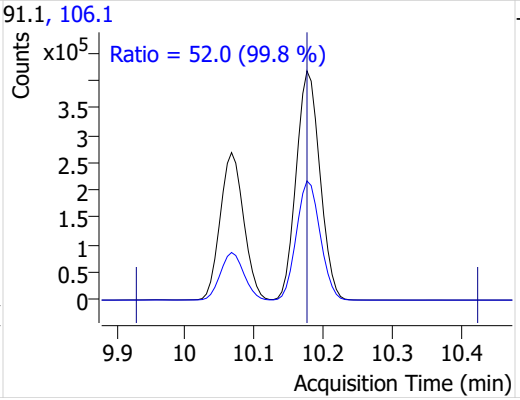


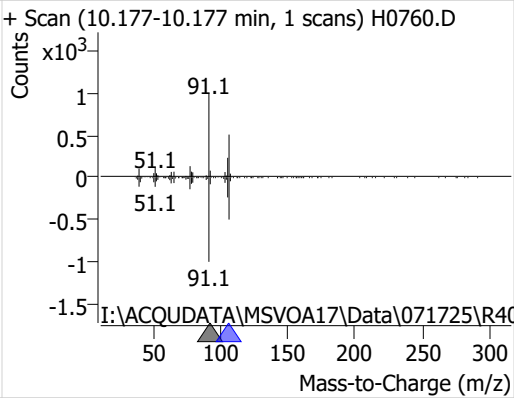




m,p-Xylene

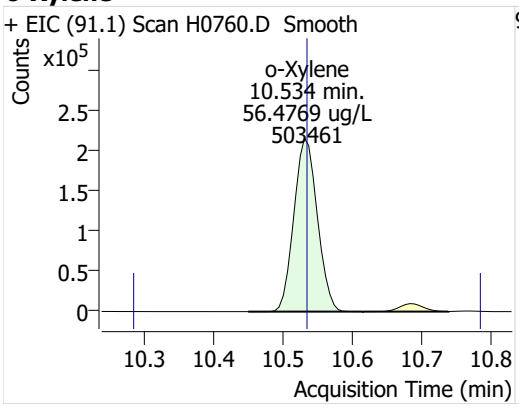


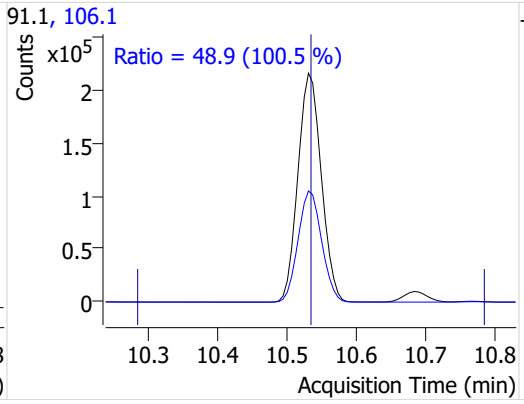


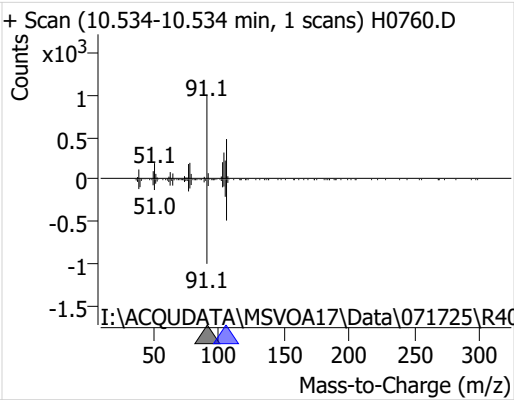


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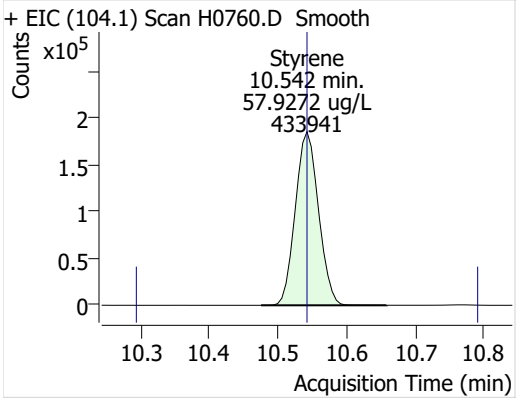
o-Xylene

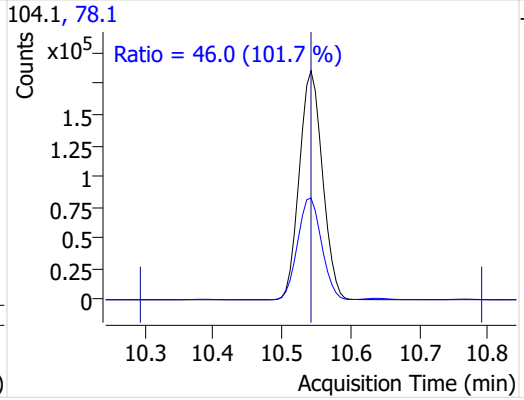


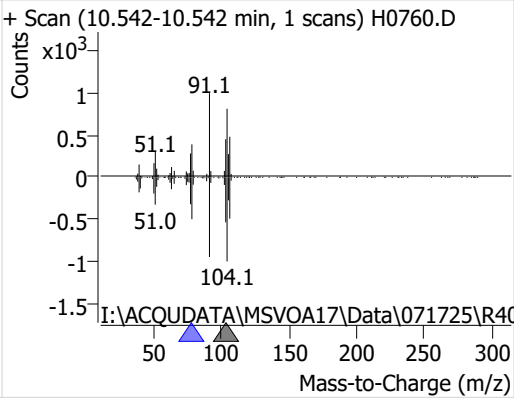




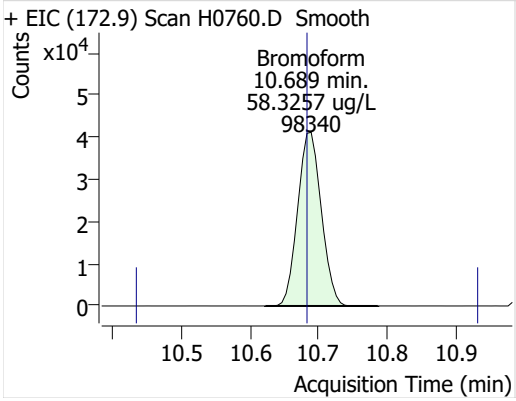
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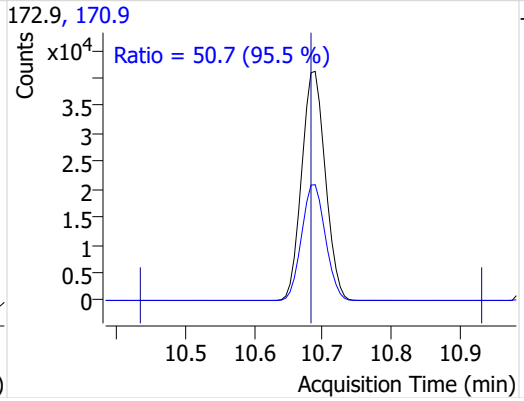


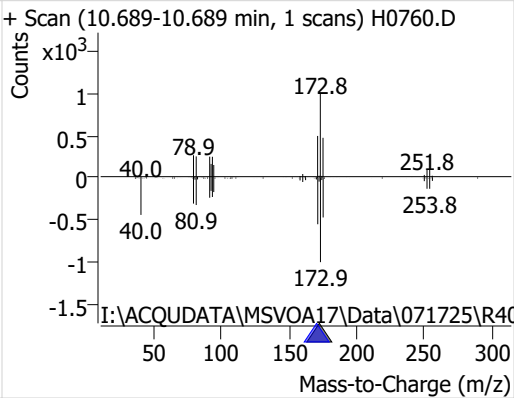




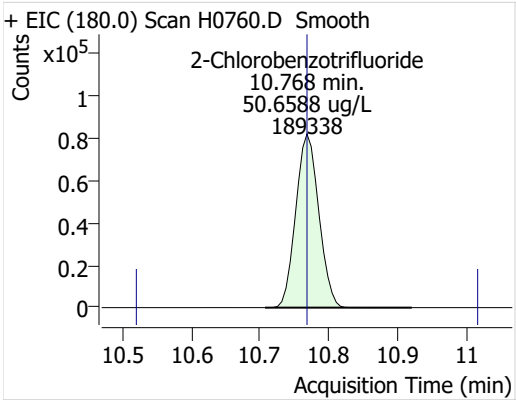
Bromoform

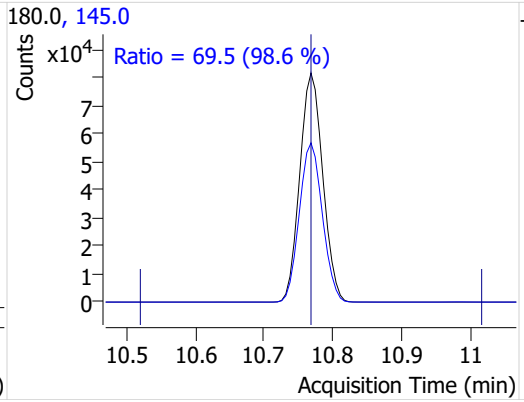


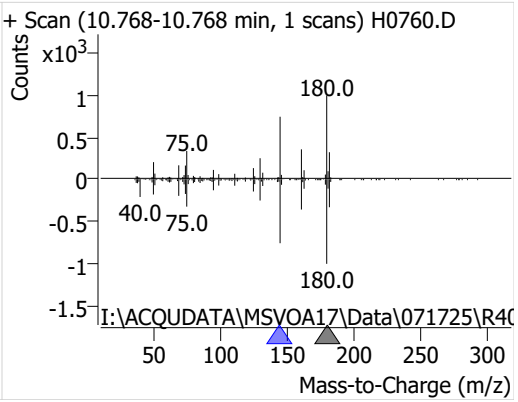




2-Chlorobenzotrifluoride

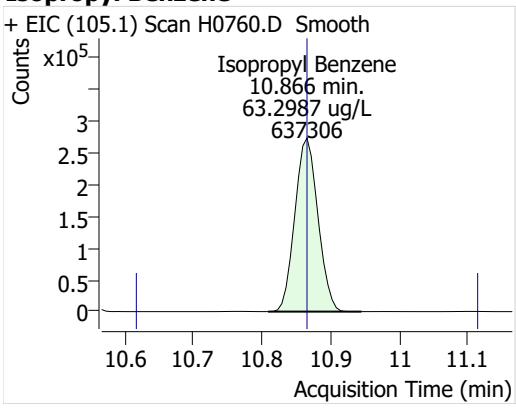


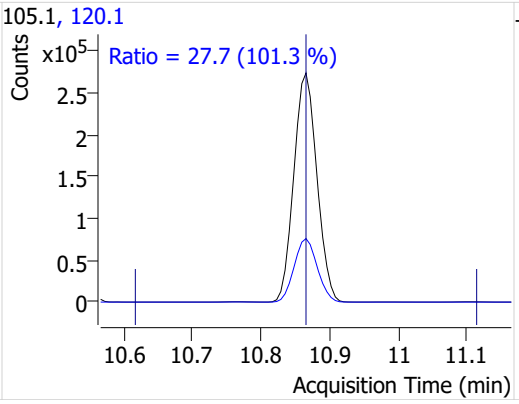


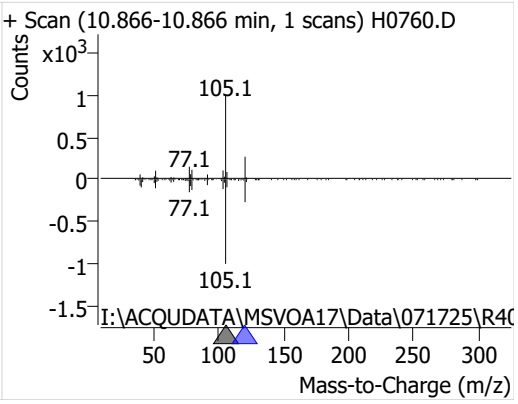


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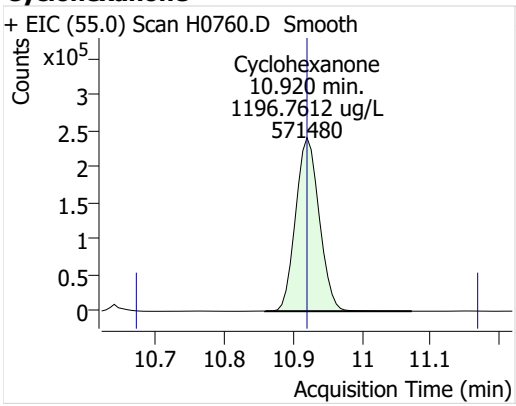
Isopropyl Benzene

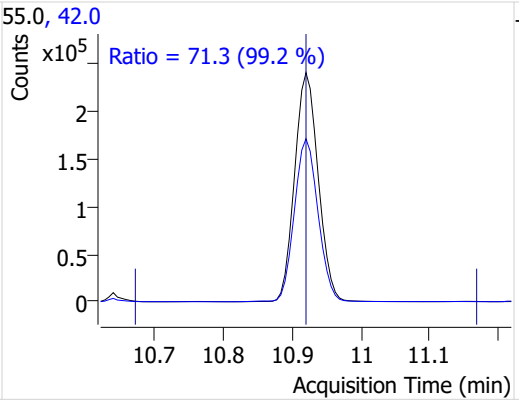


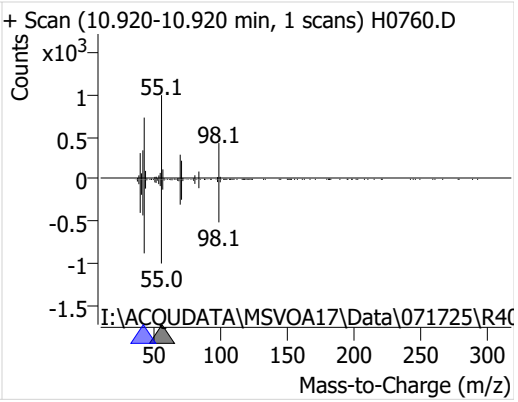




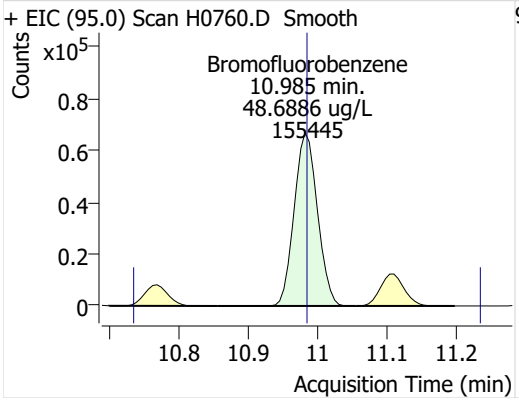
Cyclohexanone

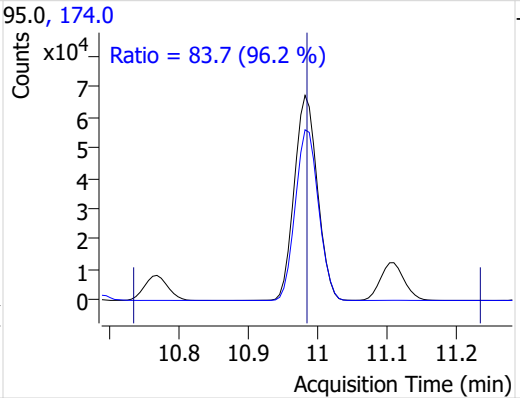


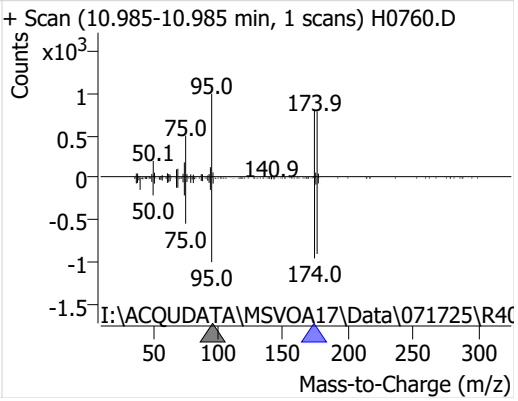




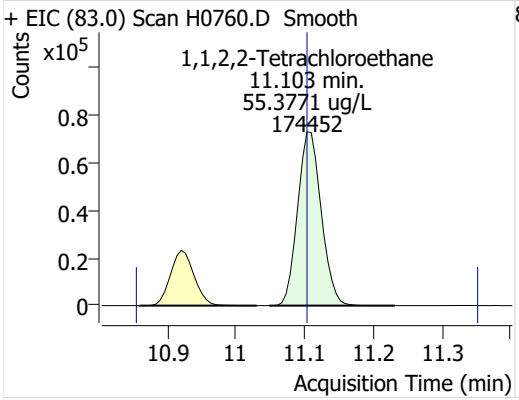
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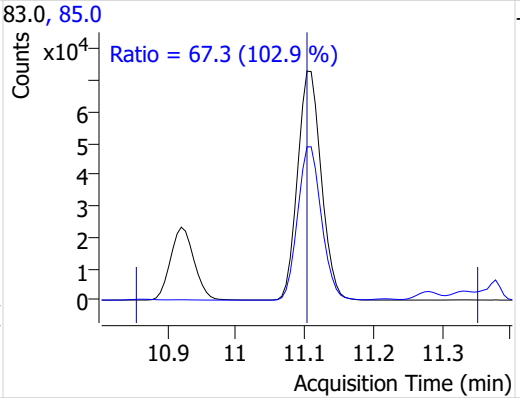


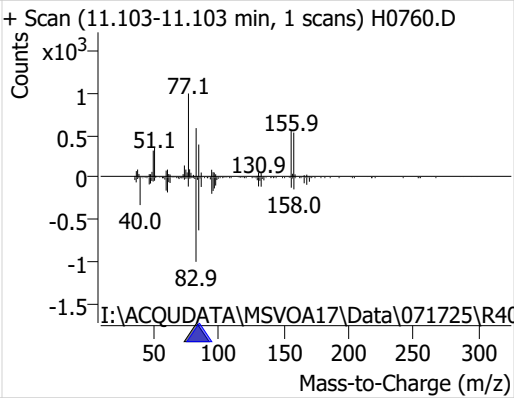




1,1,2,2-Tetrachloroethane

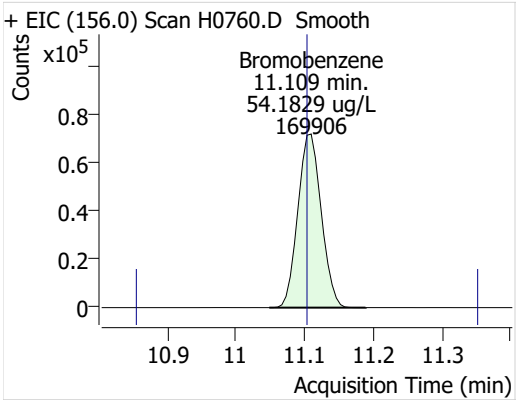


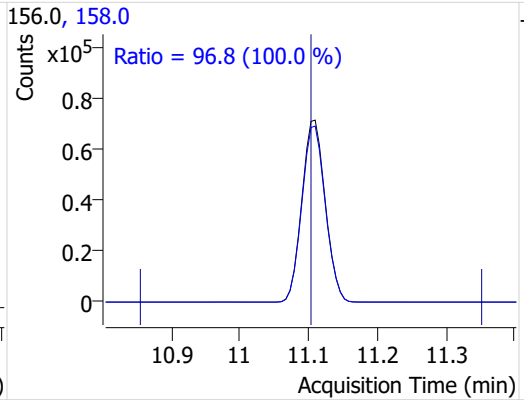


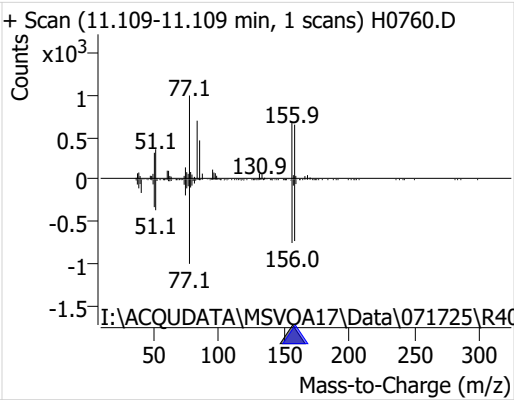


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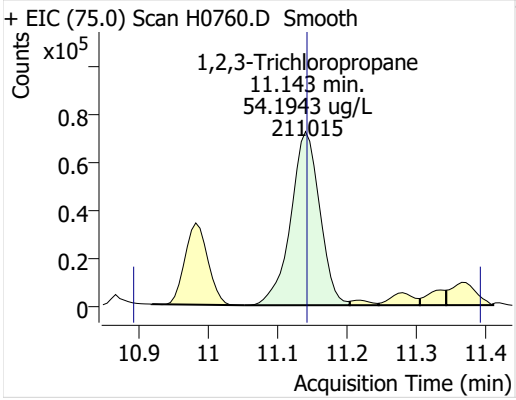
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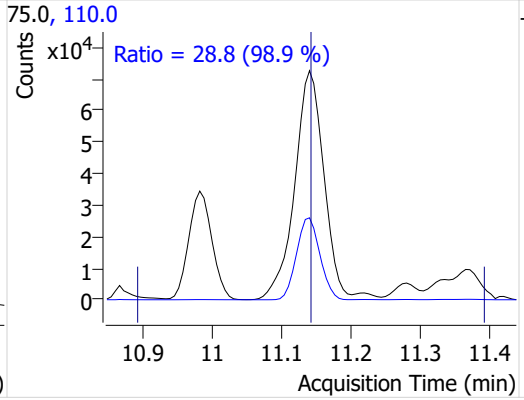


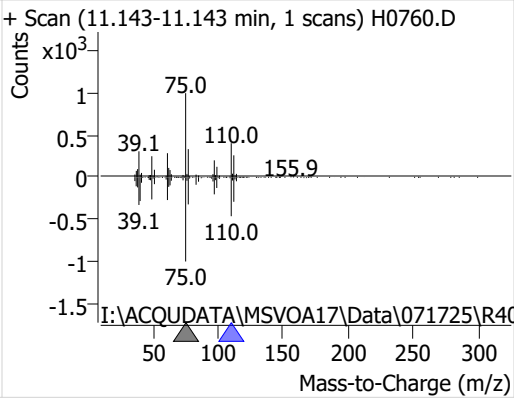




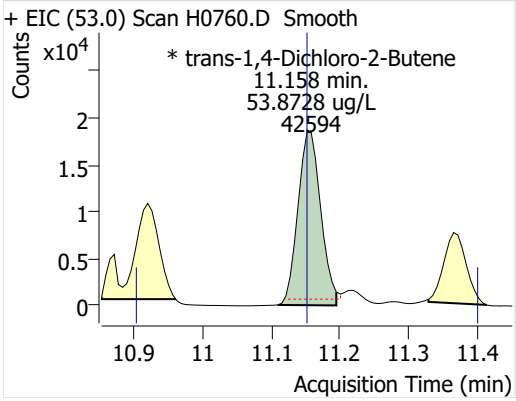
1,2,3-Trichloropropane

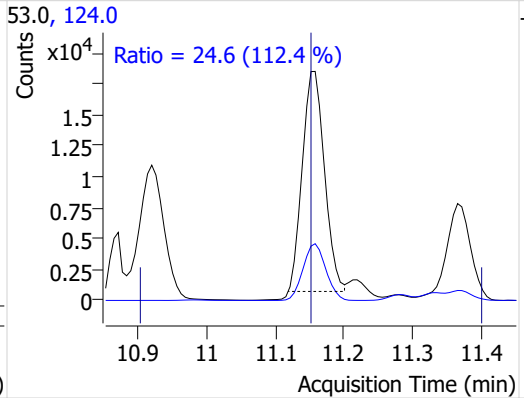


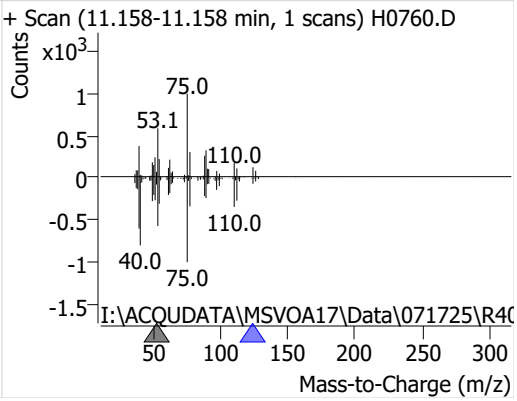




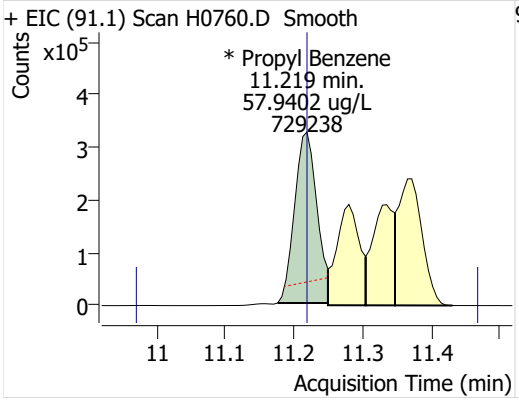
trans-1,4-Dichloro-2-Butene

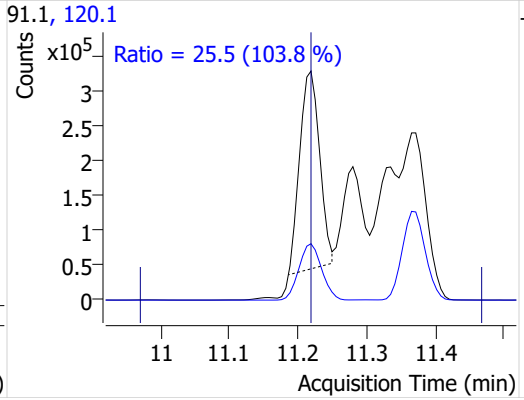


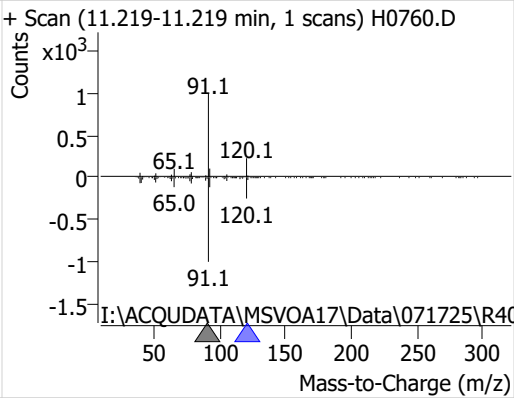




Propyl Benzene

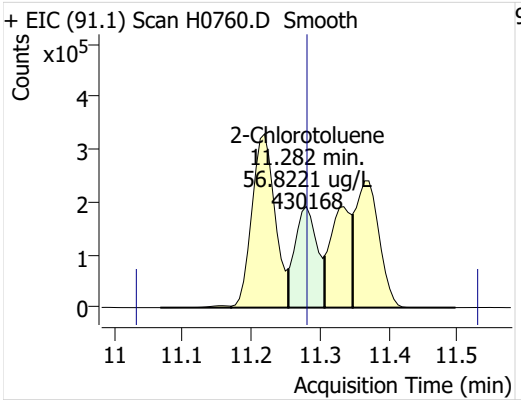


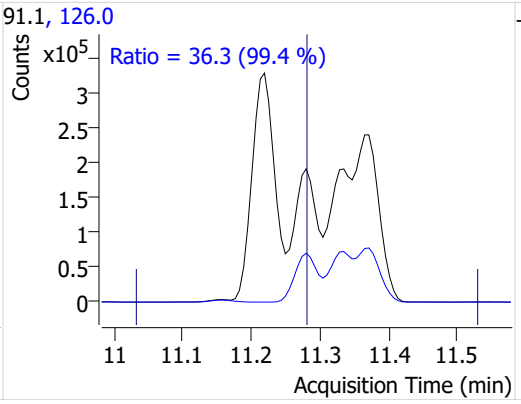


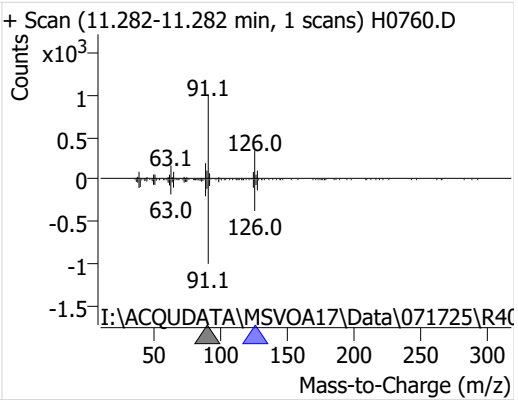


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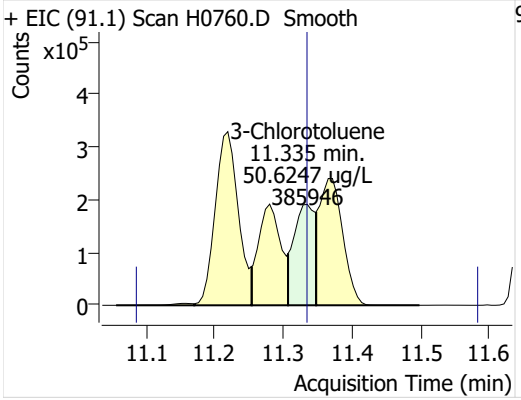
2-Chlorotoluene

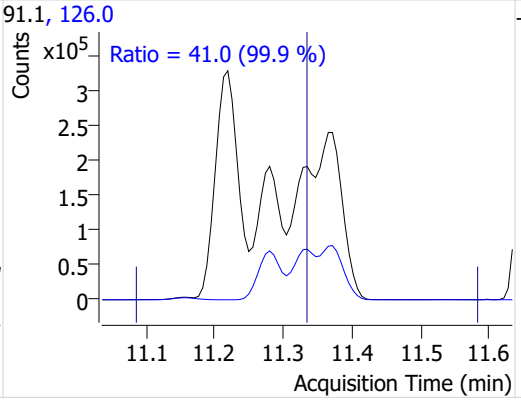


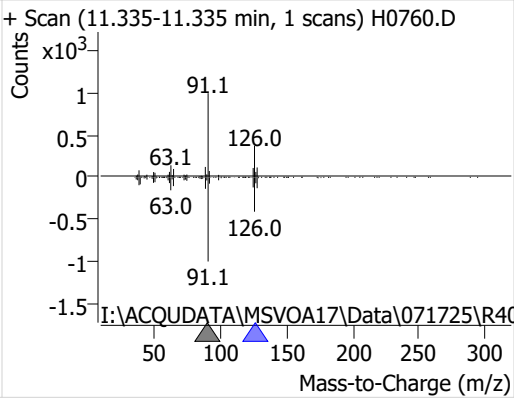




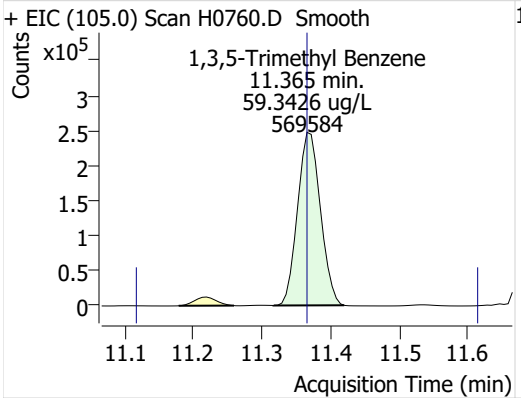
3-Chlorotoluene

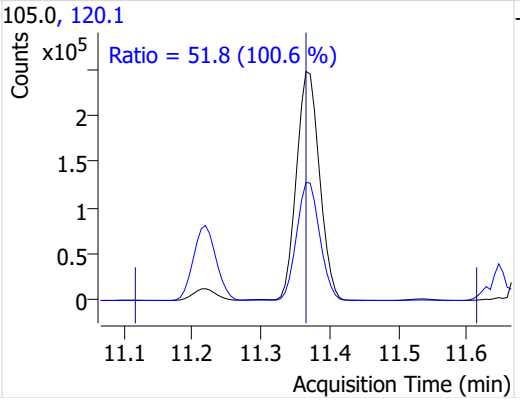


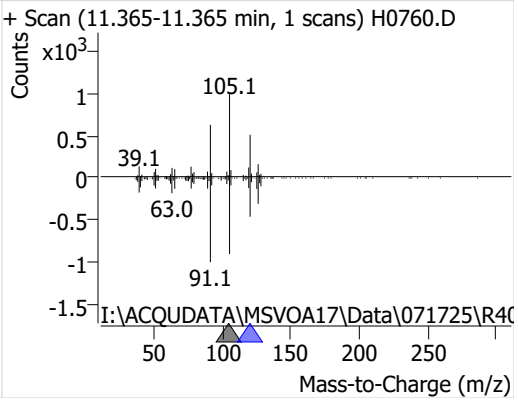




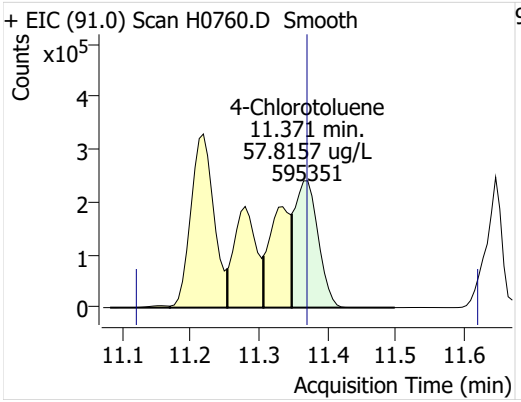
1,3,5-Trimethyl Benzene

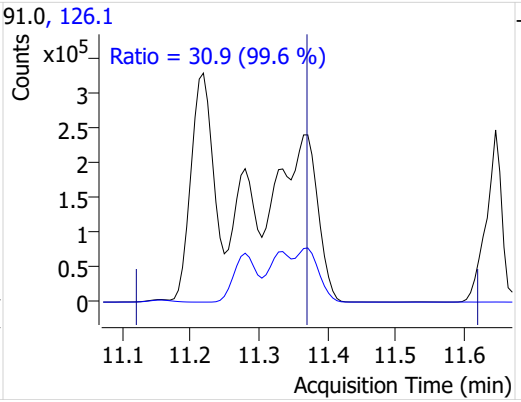


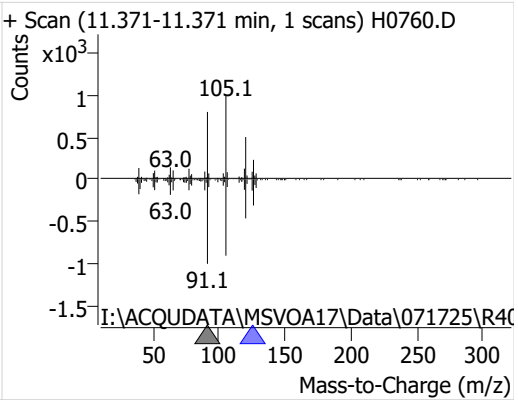




4-Chlorotoluene

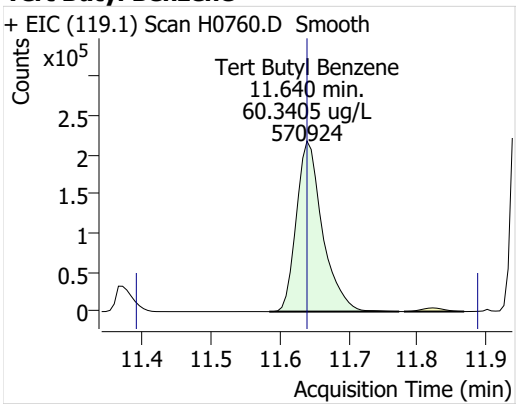


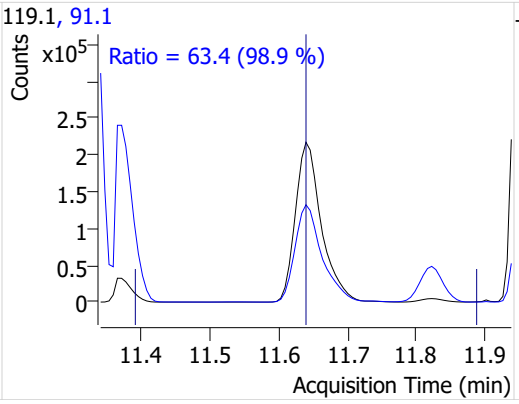


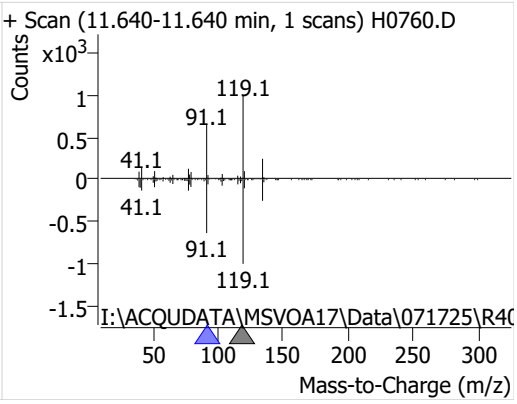


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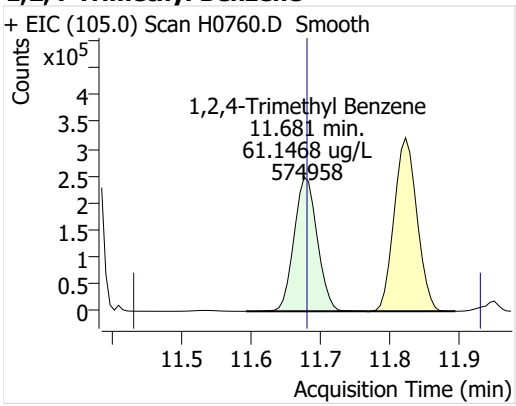
Tert Butyl Benzene

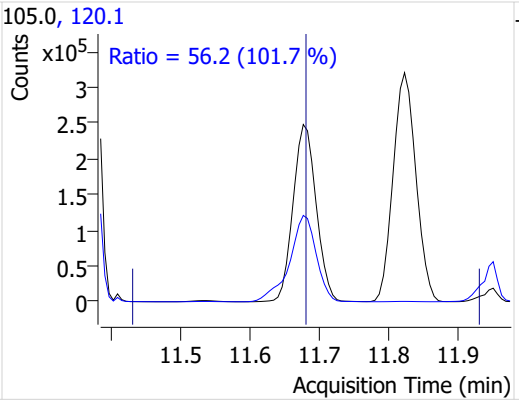


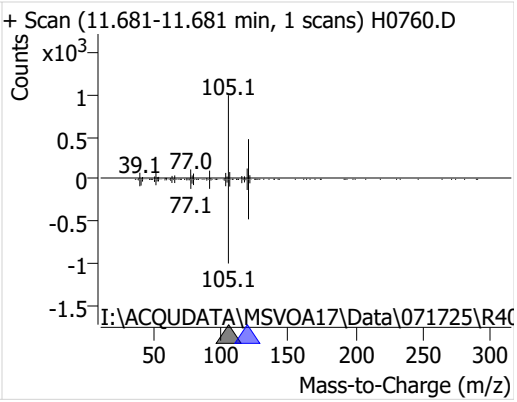




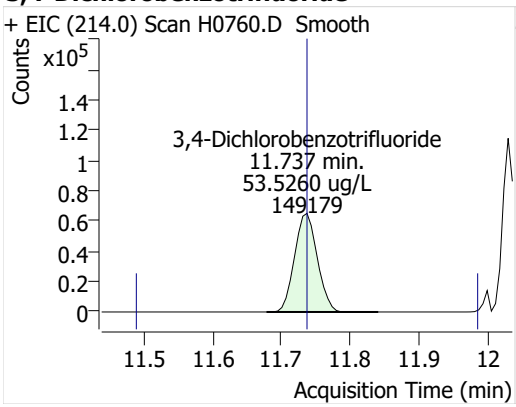
1,2,4-Trimethyl Benzene

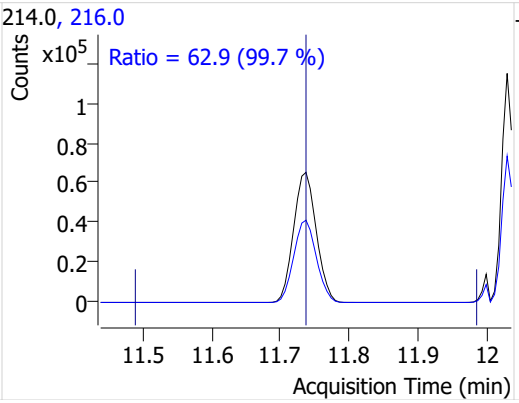


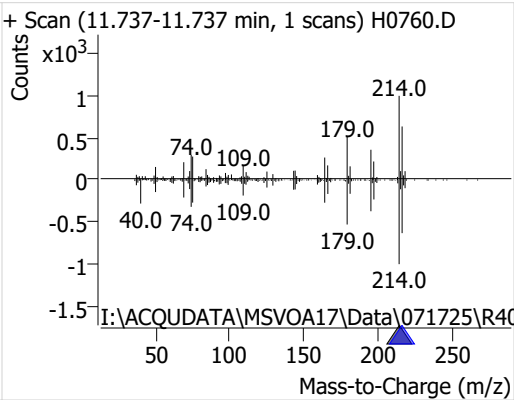




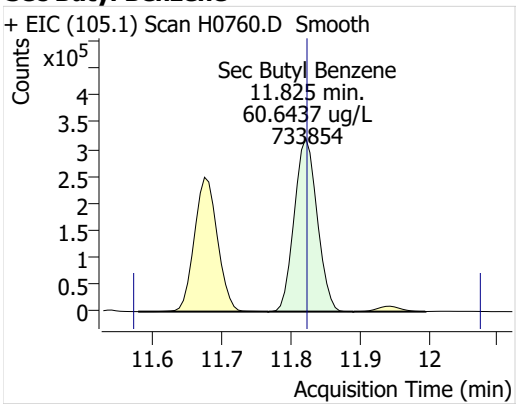
3,4-Dichlorobenzotrifluoride

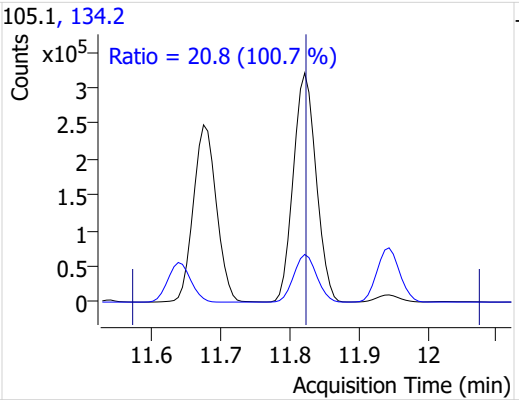


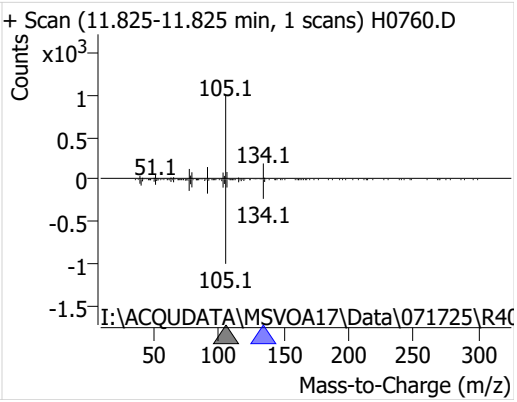




Sec Butyl Benzene

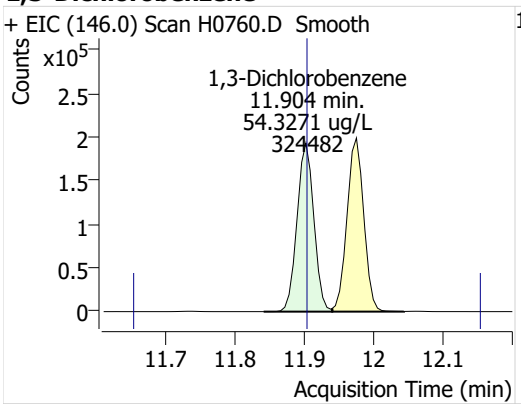


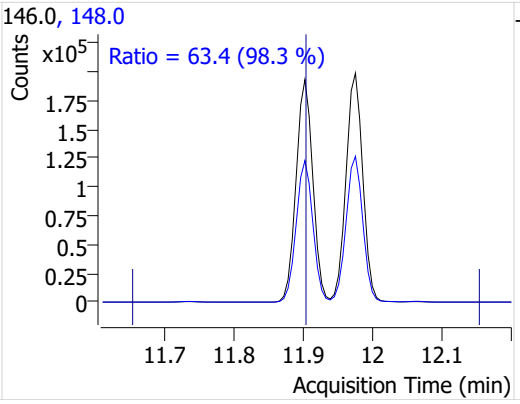


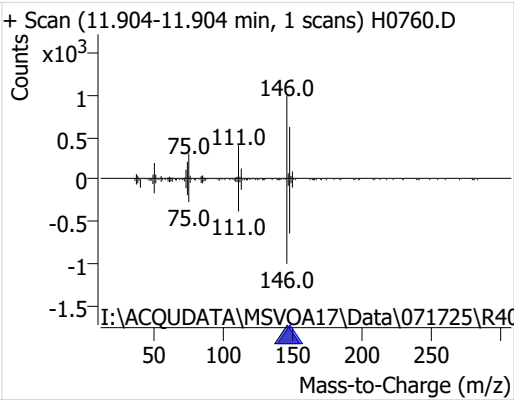


Masshunter Quantitative Analysis Sample Report

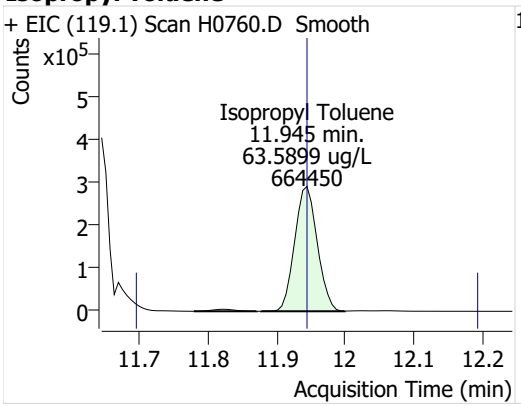
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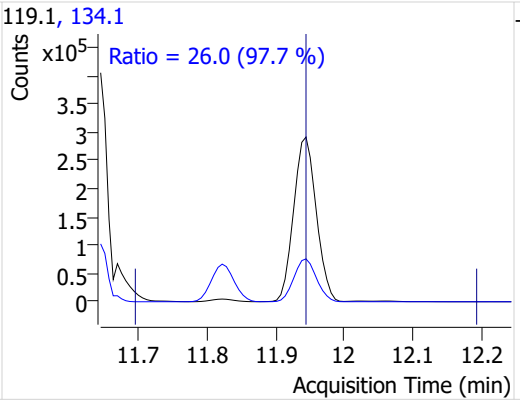


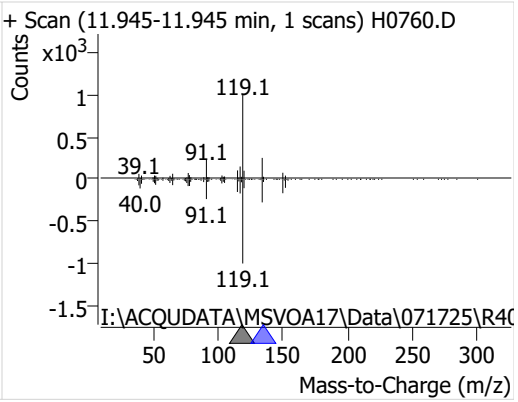




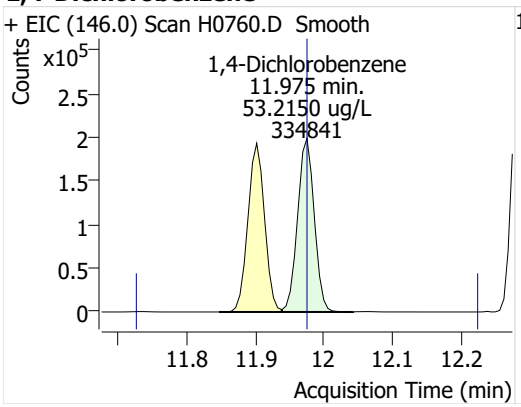
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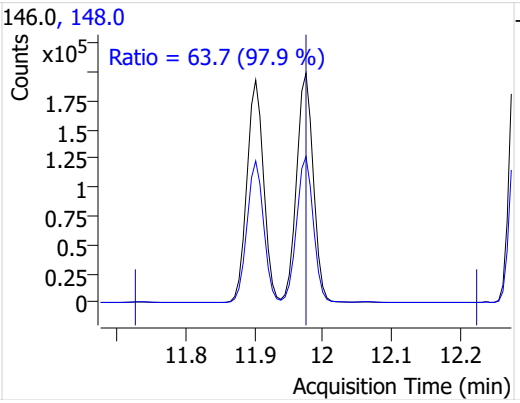


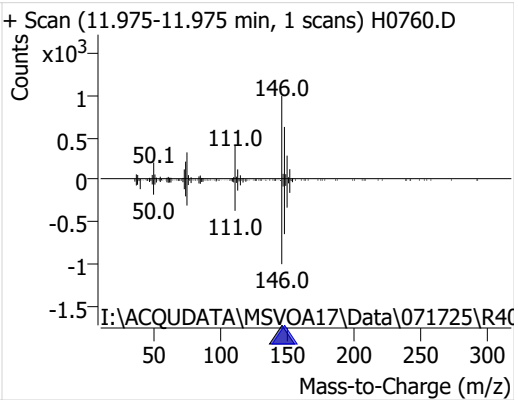




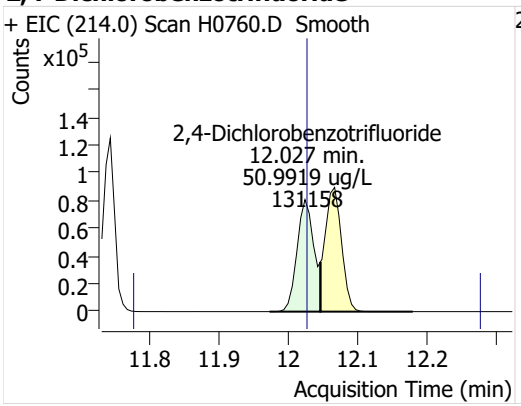
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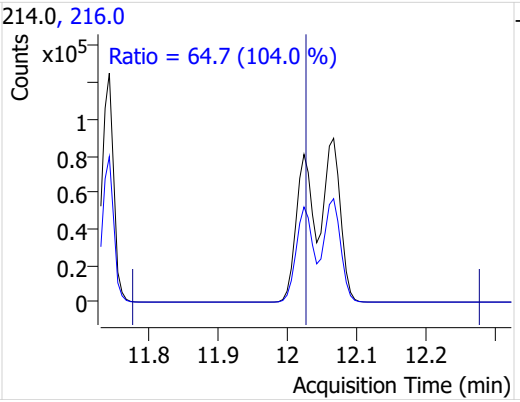


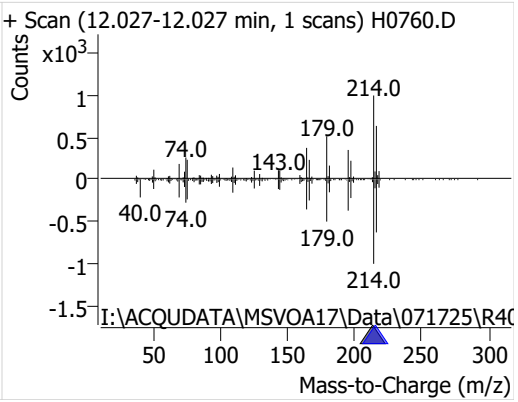




2,4-Dichlorobenzotrifluoride

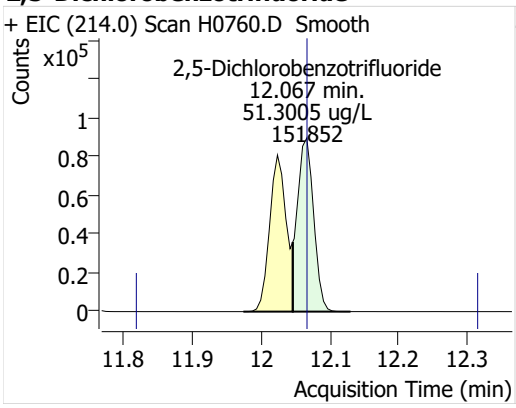


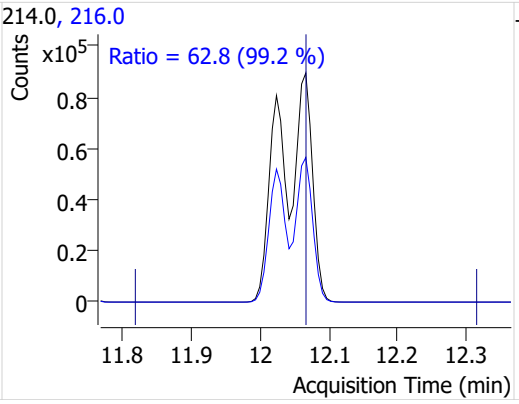


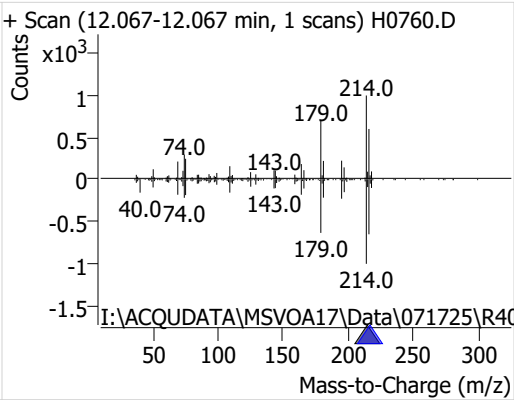


Masshunter Quantitative Analysis Sample Report

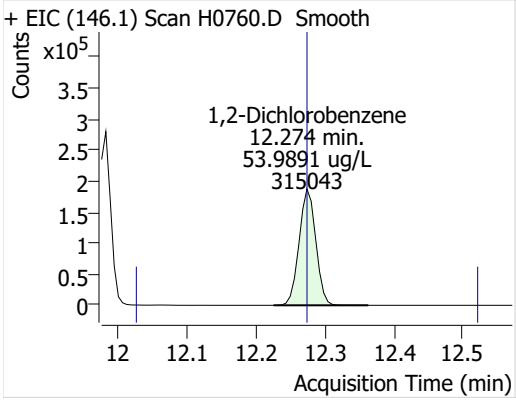
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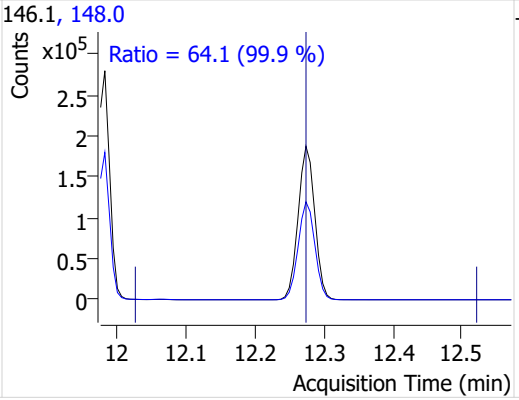


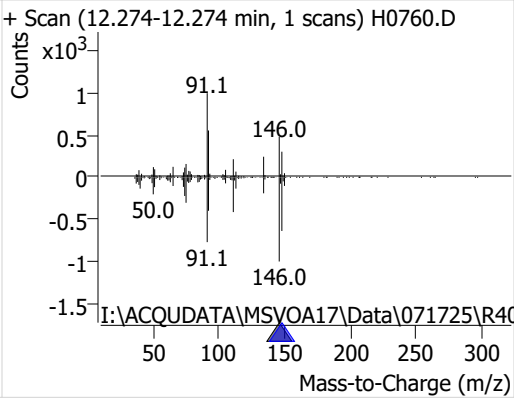




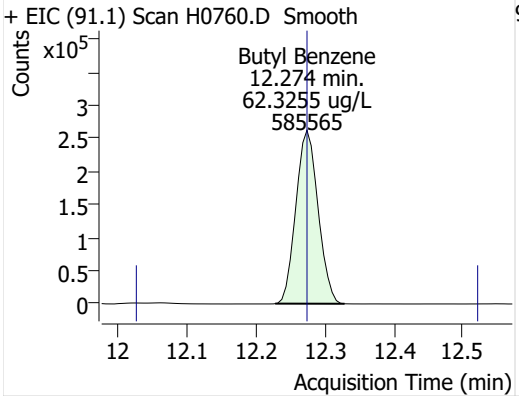
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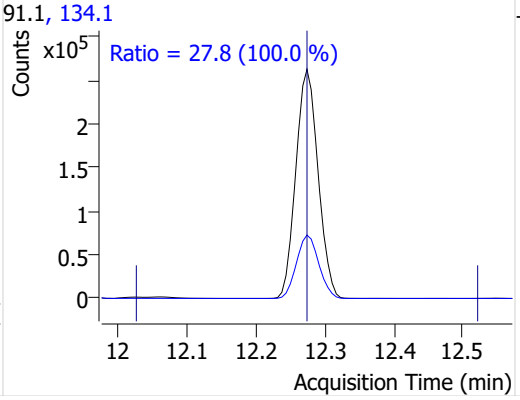


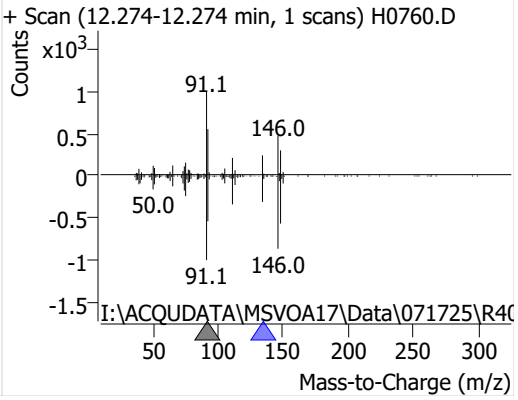




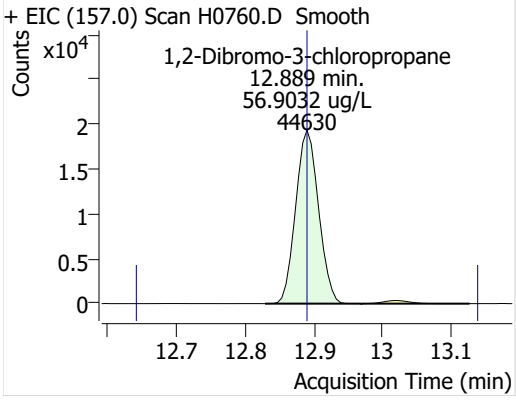
Butyl Benzene

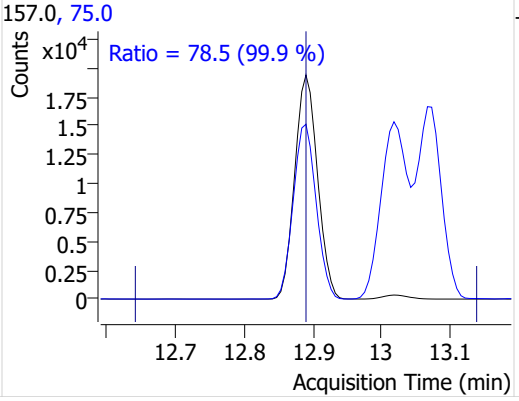


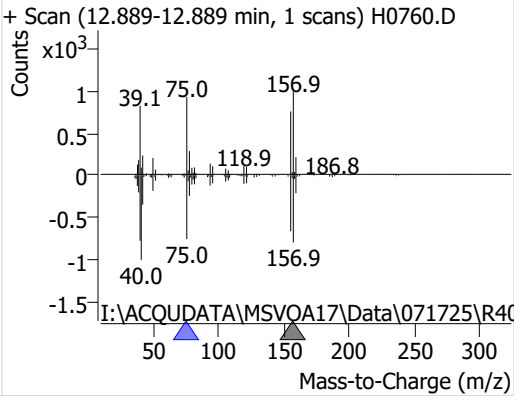




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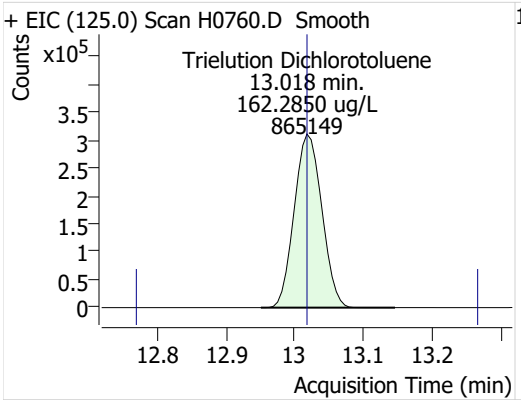


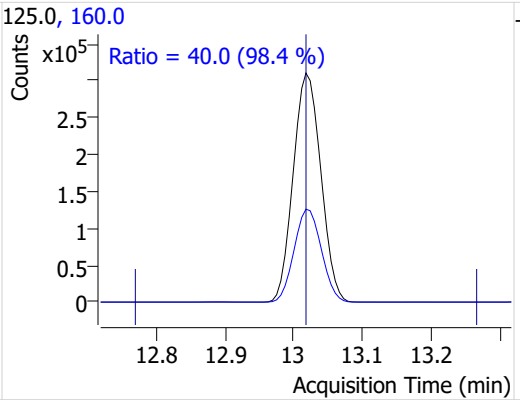


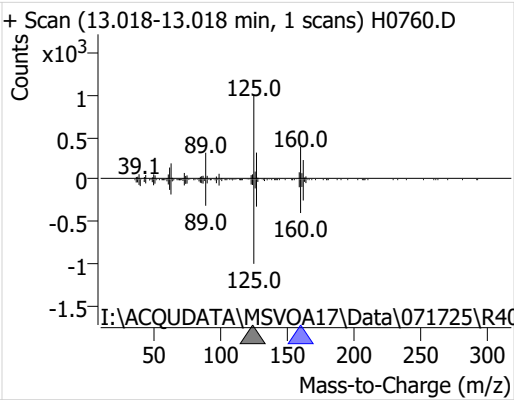


Masshunter Quantitative Analysis Sample Report

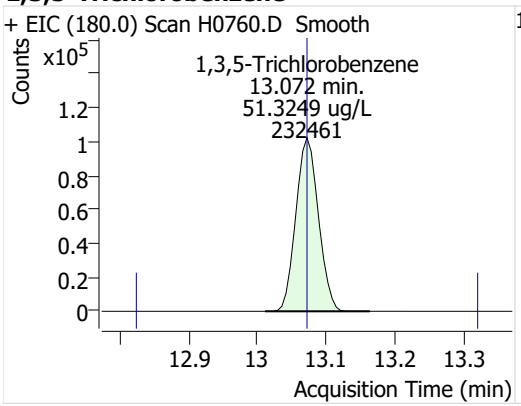
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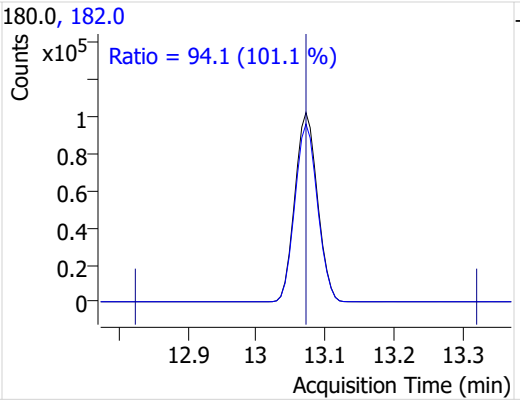


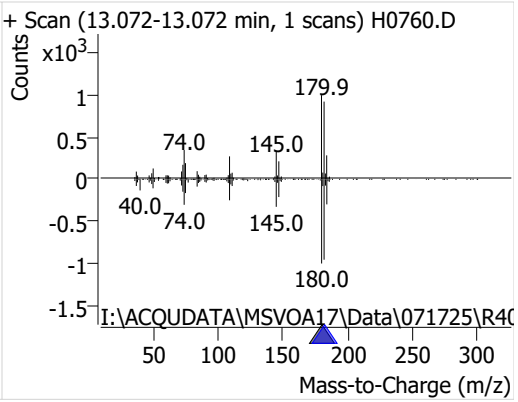




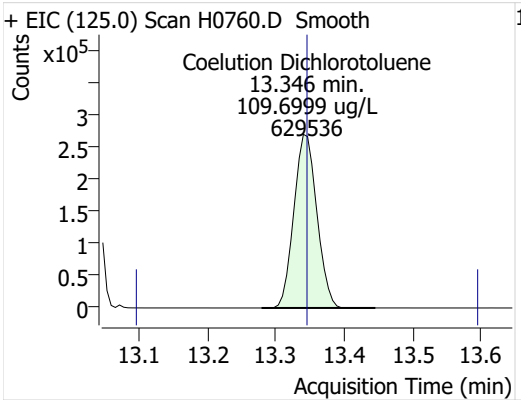
1,3,5-Trichlorobenzene

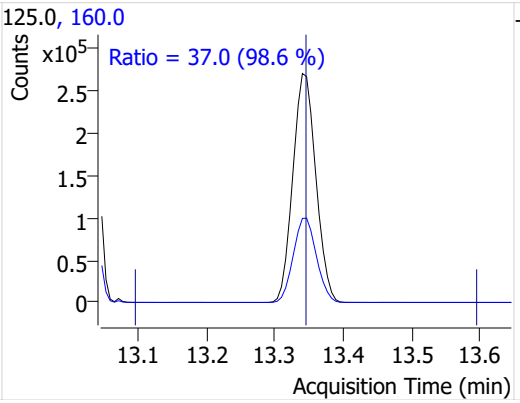


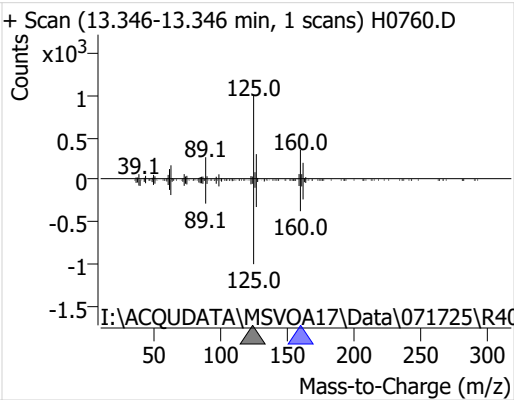




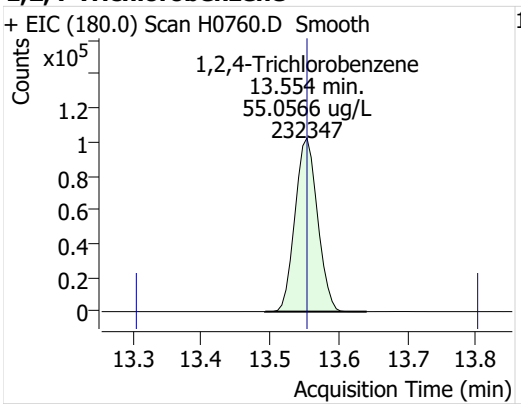
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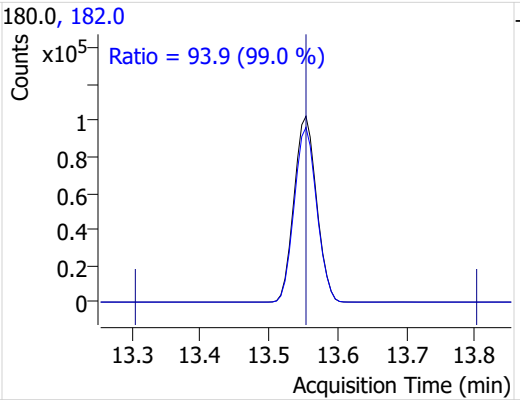


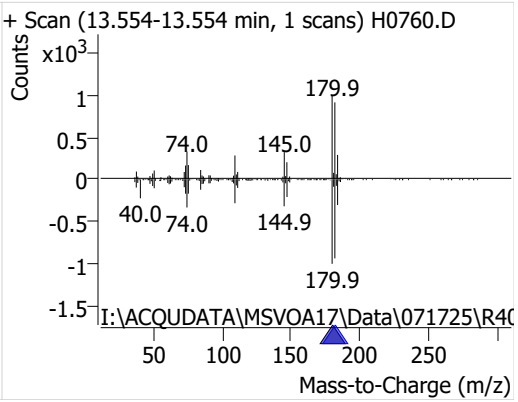




1,2,4-Trichlorobenzene

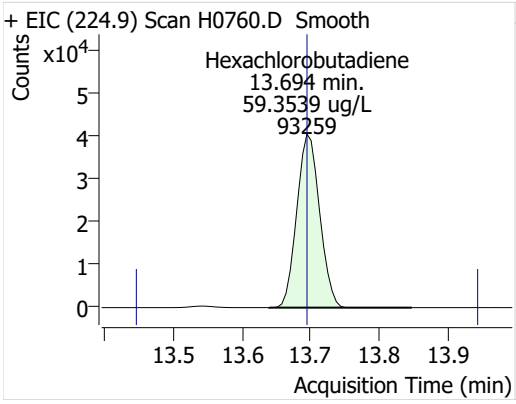


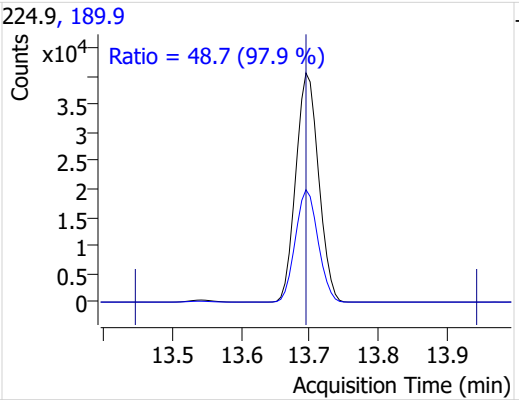


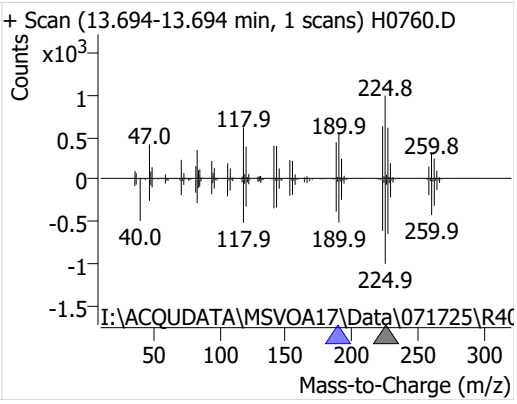


Masshunter Quantitative Analysis Sample Report

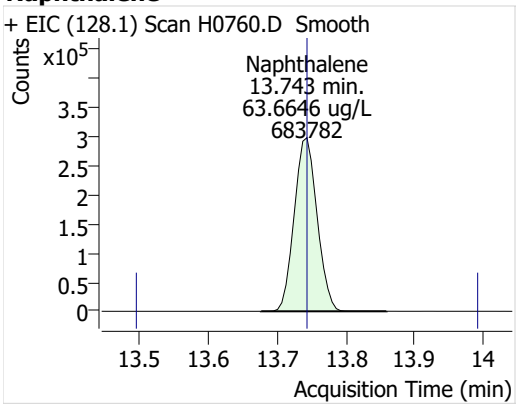
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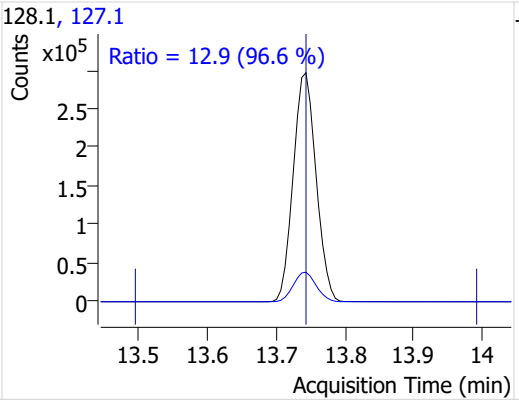


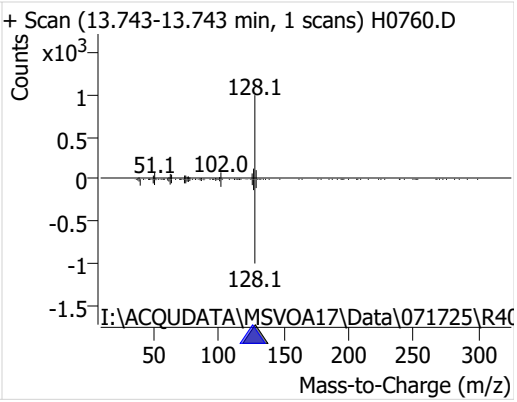




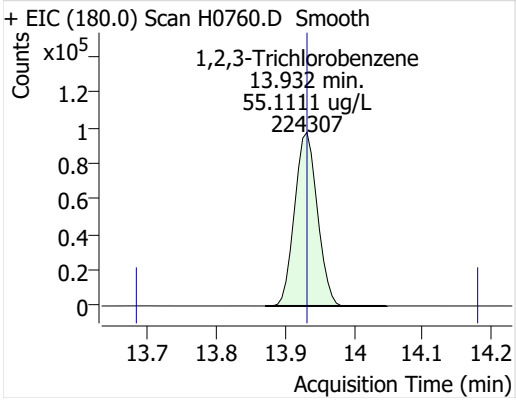
Naphthalene

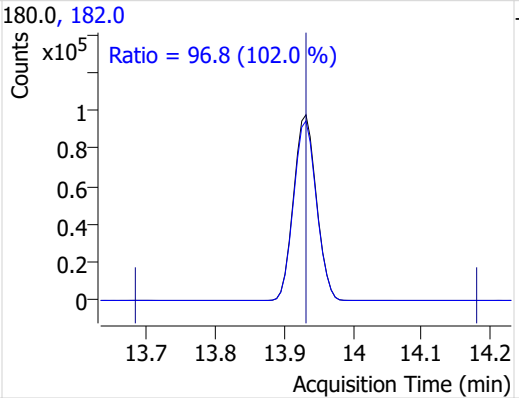


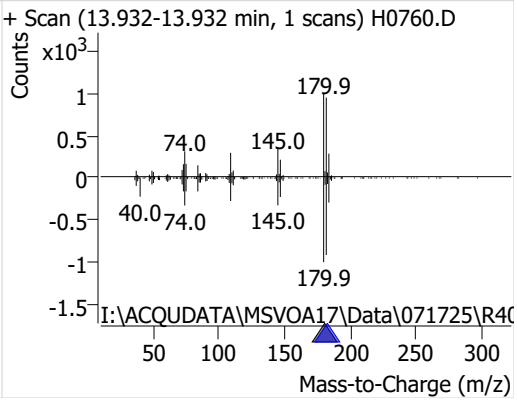




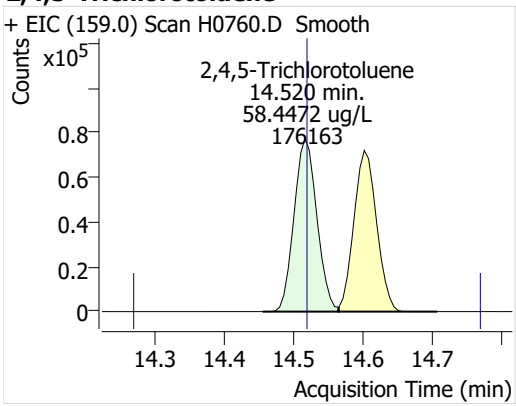
1,2,3-Trichlorobenzene

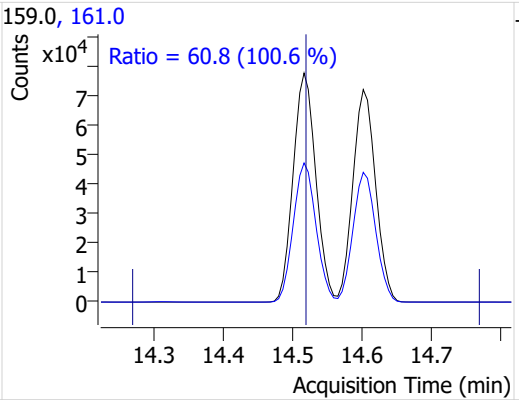


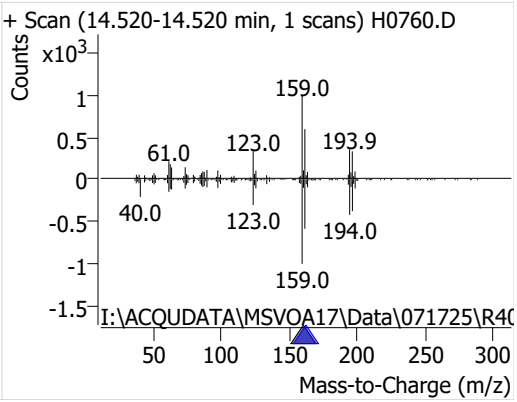




2,4,5-Trichlorotoluene

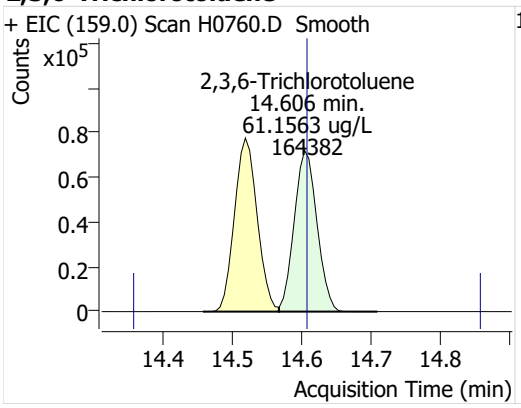


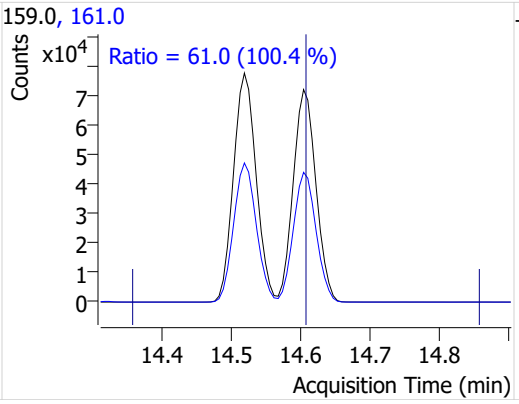


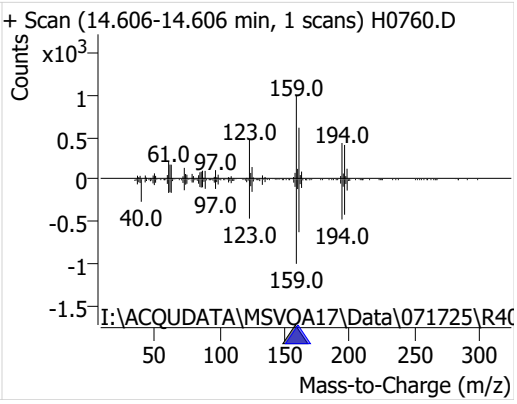


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File
Daily CC I:\ACQUDATA\MSVOA16\Data\090825\H0760.D

Level name	Injection Time	Calibration Files
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1	9/8/2025 3:16:37 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D
2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	242039	111.18	M
1,4-Difluorobenzene	360674	354457	396411	111.84	M
Chlorobenzene-d5	314511	309932	342164	110.40	M
1,4-Dichlorobenzene D4	183727	183815	198418	107.94	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.728	50.00	59.39	-18.79	143.94	Avg RF
Chlorodifluoromethane	-	0.609	0.712	50.00	58.48	-16.96	143.04	Avg RF
Chloromethane	-	0.558	0.560	50.00	50.24	-0.49	121.38	Avg RF
Vinyl Chloride	-	0.653	0.711	50.00	54.47	-8.93	133.69	Avg RF
Bromomethane	-	0.9905	0.5967	50.00	60.15	-20.31 #	164.46	Linear
Chloroethane	-	0.478	0.452	50.00	47.23	5.54	128.02	Avg RF
Fluorodichloromethane	-	0.985	0.978	50.00	49.67	0.66	123.19	Avg RF
Trichlorofluoromethane	-	0.892	0.957	50.00	53.67	-7.33	133.44	Avg RF
Freon 123a	-	0.531	0.549	50.00	51.66	-3.32	130.12	Avg RF
Diethyl Ether	-	0.458	0.455	50.00	49.68	0.63	114.33	Avg RF
Freon 123	-	0.799	0.815	50.00	50.97	-1.95	129.36	Avg RF
Acrolein	-	0.032	0.015	250.00	117.55	52.98 #	51.76	Avg RF
1,1-Dichloroethene	-	0.809	0.881	50.00	54.46	-8.92	133.59	Avg RF
Freon 113	-	0.557	0.570	50.00	51.23	-2.47	134.19	Avg RF
Acetone	-	0.224	0.226	50.00	50.48	-0.95	119.90	Avg RF
Iodomethane	-	0.9960	0.5120	50.00	38.39	23.23 #	88.14	Linear
2-Propanol	-	0.033	0.038	1000.00	1150.57	-15.06	146.96	Avg RF
Carbon Disulfide	-	1.356	1.422	50.00	52.46	-4.93	128.52	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.198	300.00	326.70	-8.90	137.51	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.26	-2.52	131.76	Avg RF
Methylene Chloride	-	0.543	0.553	50.00	50.91	-1.83	121.15	Avg RF
TBA	-	0.051	0.063	1000.00	1253.38	-25.34 #	143.52	Avg RF
Acrylonitrile	-	0.230	0.252	250.00	273.39	-9.36	123.40	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.715	50.00	49.92	0.16	121.17	Avg RF
MTBE	-	1.496	1.632	50.00	54.52	-9.03	121.23	Avg RF
1,1-Dichloroethane	-	0.918	0.977	50.00	53.25	-6.50	129.42	Avg RF
Vinyl Acetate	-	0.774	0.795	50.00	51.32	-2.63	114.59	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.504	50.00	58.47	-16.94	136.01	Avg RF
Diisopropyl ether	-	1.567	1.555	50.00	49.60	0.80	114.57	Avg RF
ETBE	-	1.467	1.563	50.00	53.29	-6.59	120.60	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.658	50.00	57.45	-14.91	133.85	Avg RF
2,2-Dichloropropane	-	0.685	0.818	50.00	59.63	-19.26	144.25	Avg RF
2-Butanone	-	0.281	0.292	50.00	51.81	-3.63	124.31	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.099	250.00	280.28	-12.11	128.56	Avg RF
Bromochloromethane	-	0.402	0.418	50.00	52.00	-3.99	120.39	Avg RF
Methylacrylonitrile	-	0.230	0.259	50.00	56.26	-12.53	122.54	Avg RF
Tetrahydrofuran	-	0.171	0.183	50.00	53.64	-7.27	124.39	Avg RF
Chloroform	-	0.944	0.963	50.00	51.02	-2.04	125.26	Avg RF
1,1,1-Trichloroethane	-	0.774	0.869	50.00	56.11	-12.22	136.39	Avg RF
TAME	-	1.361	1.504	50.00	55.24	-10.48	122.27	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.318	50.00	49.30	1.39	104.29	Avg RF
Cyclohexane	-	0.9954	0.5049	50.00	54.40	-8.79	126.87	Quadratic
Carbon Tetrachloride	-	0.428	0.477	50.00	55.74	-11.47	135.31	Avg RF
1,1-Dichloropropene	-	0.398	0.447	50.00	56.17	-12.33	140.27	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.369	50.00	49.64	0.71	105.97	Avg RF
Benzene	-	1.197	1.292	50.00	53.97	-7.93	128.71	Avg RF
1,2-Dichloroethane	-	0.463	0.489	50.00	52.85	-5.69	119.01	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0145	1000.00	1204.98	-20.50 #	138.61	Quadratic
n-Heptane	-	0.9904	0.4781	50.00	57.29	-14.59	142.17	Quadratic
Trichloroethene	-	0.368	0.396	50.00	53.90	-7.80	131.29	Avg RF
1-Butanol	-	0.008	0.010	2500.00	2959.86	-18.39	134.58	Avg RF
Methylcyclohexane	-	0.434	0.449	50.00	51.78	-3.55	127.33	Avg RF
1,2-Dichloropropane	-	0.329	0.354	50.00	53.86	-7.73	125.45	Avg RF
Dibromomethane	-	0.235	0.243	50.00	51.72	-3.44	122.84	Avg RF
1,4-Dioxane	-	0.005	0.005	1000.00	1071.04	-7.10	125.35	Avg RF
Methyl Methacrylate	-	0.226	0.256	50.00	56.63	-13.25	126.16	Avg RF
Bromodichloromethane	-	0.436	0.451	50.00	51.65	-3.30	120.21	Avg RF
2-Nitropropane	-	0.9991	0.1212	100.00	111.52	-11.52	128.15	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.219	50.00	111.63	-123.25 #	238.67	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.494	50.00	56.87	-13.75	129.40	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.370	50.00	58.24	-16.48	141.31	Avg RF
Toluene-d8	-	1.246	1.205	50.00	48.34	3.32	104.07	Avg RF
Toluene	-	1.310	1.449	50.00	55.33	-10.66	132.17	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.434	50.00	56.93	-13.85	129.94	Avg RF
Ethyl Methacrylate	-	0.398	0.445	50.00	55.97	-11.94	122.62	Avg RF
1,1,2-Trichloroethane	-	0.302	0.327	50.00	54.21	-8.42	122.32	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.430	50.00	56.95	-13.90	140.32	Avg RF
1,3-Dichloropropane	-	0.578	0.609	50.00	52.70	-5.41	120.23	Avg RF
2-Hexanone	-	0.141	0.166	50.00	58.80	-17.60	142.04	Avg RF
Dibromochloromethane	-	0.403	0.436	50.00	54.12	-8.24	121.83	Avg RF
N-Butyl Acetate	-	0.540	0.624	50.00	57.78	-15.56	133.47	Avg RF
1,2-Dibromoethane	-	0.336	0.362	50.00	54.01	-8.01	122.71	Avg RF
Chlorobenzene	-	1.047	1.124	50.00	53.68	-7.35	127.11	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.554	50.00	50.81	-1.62	127.92	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.534	50.00	51.63	-3.25	129.52	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.411	50.00	56.31	-12.63	127.20	Avg RF
Ethylbenzene	-	1.620	1.864	50.00	57.54	-15.07	134.80	Avg RF
m,p-Xylene	-	1.220	1.461	100.00	119.73	-19.73	134.78	Avg RF
o-Xylene	-	1.303	1.471	50.00	56.48	-12.95	130.61	Avg RF
Styrene	-	1.095	1.268	50.00	57.93	-15.85	130.10	Avg RF
Bromoform	-	0.246	0.287	50.00	58.33	-16.65	131.76	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.553	50.00	50.66	-1.32	127.49	Avg RF
Isopropyl Benzene	-	1.471	1.863	50.00	63.30	-26.60 #	144.83	Avg RF
Cyclohexanone	-	0.9999	0.0835	1000.00	1196.76	-19.68	138.69	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.124	50.00	53.87	-7.75	117.18	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

1st 09/11/25
2nd 09/11/25

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.783	50.00	48.69	2.62	105.55	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.879	50.00	55.38	-10.75	123.67	Avg RF
Bromobenzene	-	0.790	0.856	50.00	54.18	-8.37	122.95	Avg RF
1,2,3-Trichloropropane	-	0.981	1.063	50.00	54.19	-8.39	125.03	Avg RF
Propyl Benzene	-	3.172	3.675	50.00	57.94	-15.88	129.59	Avg RF
2-Chlorotoluene	-	1.908	2.168	50.00	56.82	-13.64	132.45	Avg RF
3-Chlorotoluene	-	1.921	1.945	50.00	50.62	-1.25	118.90	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.871	50.00	59.34	-18.69	133.17	Avg RF
4-Chlorotoluene	-	2.595	3.000	50.00	57.82	-15.63	130.68	Avg RF
Tert Butyl Benzene	-	2.384	2.877	50.00	60.34	-20.68 #	139.55	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.898	50.00	61.15	-22.29 #	132.57	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.752	50.00	53.53	-7.05	126.52	Avg RF
Sec Butyl Benzene	-	3.049	3.699	50.00	60.64	-21.29 #	137.53	Avg RF
1,3-Dichlorobenzene	-	1.505	1.635	50.00	54.33	-8.65	128.16	Avg RF
Isopropyl Toluene	-	2.633	3.349	50.00	63.59	-27.18 #	143.56	Avg RF
1,4-Dichlorobenzene	-	1.586	1.688	50.00	53.22	-6.43	125.78	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.661	50.00	50.99	-1.98	124.12	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.765	50.00	51.30	-2.60	125.38	Avg RF
1,2-Dichlorobenzene	-	1.470	1.588	50.00	53.99	-7.98	120.56	Avg RF
Butyl Benzene	-	2.368	2.951	50.00	62.33	-24.65 #	141.05	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.225	50.00	56.90	-13.81	132.02	Avg RF
Trielution Dichlorotoluene	-	1.343	1.453	150.00	162.28	-8.19	121.51	Avg RF
1,3,5-Trichlorobenzene	-	1.141	1.172	50.00	51.32	-2.65	119.19	Avg RF
Coelution Dichlorotoluene	-	1.446	1.586	100.00	109.70	-9.70	120.07	Avg RF
1,2,4-Trichlorobenzene	-	1.063	1.171	50.00	55.06	-10.11	125.54	Avg RF
Hexachlorobutadiene	-	0.396	0.470	50.00	59.35	-18.71	140.45	Avg RF
Naphthalene	-	2.707	3.446	50.00	63.66	-27.33 #	132.68	Avg RF
1,2,3-Trichlorobenzene	-	1.026	1.130	50.00	55.11	-10.22	122.51	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.888	50.00	58.45	-16.89	121.88	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.828	50.00	61.16	-22.31 #	133.41	Avg RF

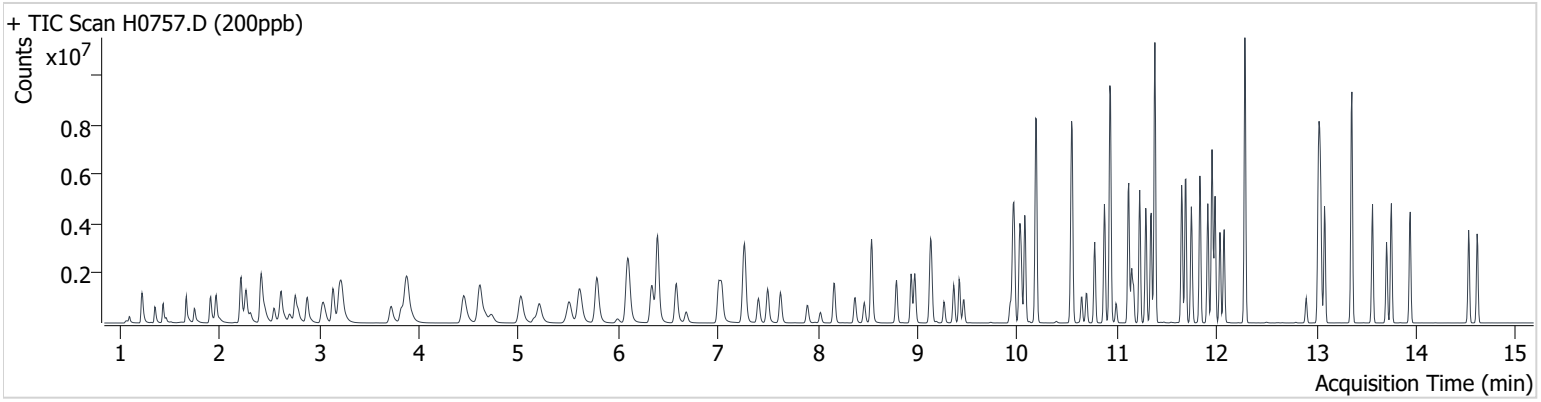
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 87% (101 of 115)

Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0757.D

Acq. Date-Time	9/8/2025 5:56:11 PM	**Name**	200ppb
Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	262035	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	435581	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	371157	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	228447	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	137180	48.8510	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	532707	49.0807	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.986	0.002	199891	54.3796	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	157124	48.4774	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	648986	202.0482	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	622938	195.2611	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	554902	189.8474	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	667510	195.0511	ug/L
Bromomethane	94.000	0.296	0.001	1.663	0.007	552307	213.4055	ug/L
Chloroethane	64.000	0.311	0.002	1.746	0.009	476165	189.8982	ug/L
Fluorodichloromethane	67.000	0.339	0.001	1.906	0.003	1005456	194.8297	ug/L
Trichlorofluoromethane	101.000	0.348	0.001	1.959	0.006	947706	202.8059	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.003	531837	190.9646	ug/L
Diethyl Ether	59.000	0.394	0.000	2.213	0.003	510606	212.9157	ug/L
Freon 123	83.000	0.402	0.000	2.262	0.003	799948	191.0272	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.002	174988	1036.4223	ug/L
1,1-Dichloroethene	61.000	0.428	0.001	2.404	0.003	882756	208.1573	ug/L
Freon 113	101.000	0.431	0.001	2.422	0.004	580522	199.0227	ug/L
Acetone	43.000	0.436	0.001	2.453	0.003	258682	220.7293	ug/L
Iodomethane	142.000	0.452	0.000	2.544	0.003	735139	201.1273	ug/L
2-Propanol	45.000	0.465	0.001	2.612	0.006	864368	5034.3136	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	1422437	200.2294	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.004	1263961 LT	1325.0647	ug/L
Methyl Acetate	43.000	0.495	0.001	2.783	0.003	499769	214.9818	ug/L

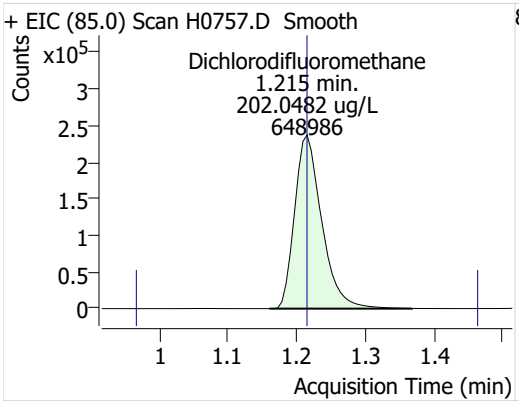
Masshunter Quantitative Analysis Sample Report

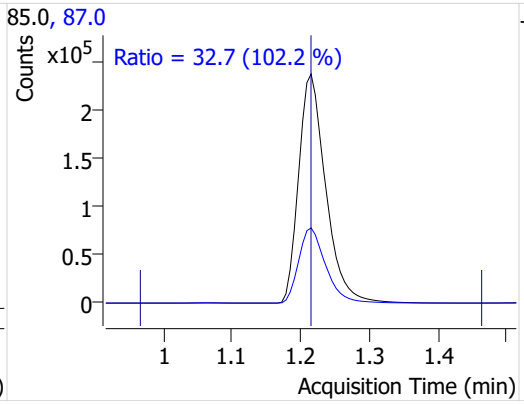
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	554283	194.6673	ug/L
TBA	59.000	0.539	0.001	3.032	0.006	1515700	5719.3499	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	1370959	1137.3333	ug/L
trans-1,2-Dichloroethene	61.000	0.567	0.001	3.190	0.006	805967	214.7378	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	1841679	234.8345	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	991951	206.2837	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	1096389	270.1895	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	516109	228.5380	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	1793516	218.3620	ug/L
ETBE	59.000	0.791	0.001	4.447	0.003	1740013	226.3827	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.001	627321	209.1535	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	839447	233.6702	ug/L
2-Butanone	43.000	0.830	0.001	4.666	0.007	343523	232.9323	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	540159	1166.0275	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	423132	200.8064	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.020	0.001	288824	239.3583	ug/L
Tetrahydrofuran	42.000	0.917	0.003	5.155	0.016	205319	229.5116	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	985287	199.2096	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	880603	217.0040	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	850988	194.1694	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	820083 BA	220.1856	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	716482	206.7842	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	2101026	201.5426	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	837962	207.8483	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.100	0.000	606391	3977.5652	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	1670851	234.2535	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	817069	190.3964	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	639128	199.4675	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	1054918	14704.0537	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	818461	216.5541	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	611172	213.1953	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	406726	198.7823	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	199733	4733.8313	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	488171	248.2611	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	799683	210.3742	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	518375	394.2615	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.000	200969	235.0207	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	880492	232.8854	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	667200	240.7942	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	2414805	211.6674	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	808848	243.4976	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	866426	249.9949	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	559679	212.8688	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	602156	214.8766	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	919232	214.2172	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	267294	254.9028	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	688768	230.3574	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	1051077	262.3769	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	539881	216.7238	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	1647705	211.9342	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.966	0.001	812996	200.7883	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.018	0.001	762658	198.5883	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	614391	226.9812	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	2575209	214.1933	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.003	3856598	425.8315	ug/L
o-Xylene	91.100	1.062	0.000	10.535	0.002	2238242	231.4669	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	1946471	239.5390	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	444881	243.2484	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	817509	201.6447	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	2533857	232.0096	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	3059425	4007.9568	ug/L

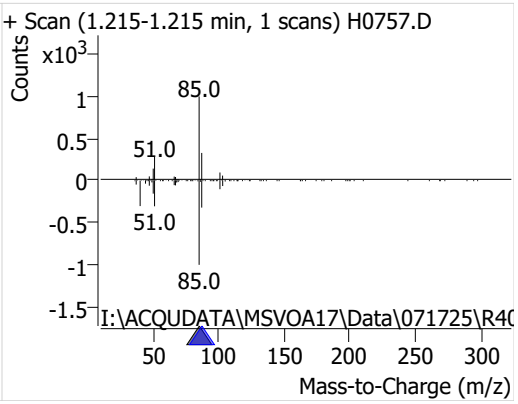
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	848213	233.8586	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	762976	211.3282	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.144	0.001	1020137	227.5591	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	221927	258.7686	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	3194816	220.4707	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.284	0.003	1916682	219.8993	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.337	0.003	1737118	197.9064	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	2523649	228.3660	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.373	0.002	2714737	228.9784	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	2437678	223.7695	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.682	0.002	2544480	235.0340	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	675061	210.3747	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.827	0.003	3069869	220.3381	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.906	0.002	1445029	210.1343	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	2784229	231.4328	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	1517438	209.4597	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.028	0.002	605142	204.3423	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.002	682888	200.3756	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	1462649	217.7063	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	2586353	239.0959	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	213797	236.7594	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.024	0.006	3983107	648.9379	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	1076884	206.5101	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.348	0.002	2839584	429.7678	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	1064457	219.0758	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	411712	227.5871	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	2821154	228.1401	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	1026736	219.1031	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.000	14.522	0.002	783578	225.8006	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.607	0.001	688606	222.5119	ug/L

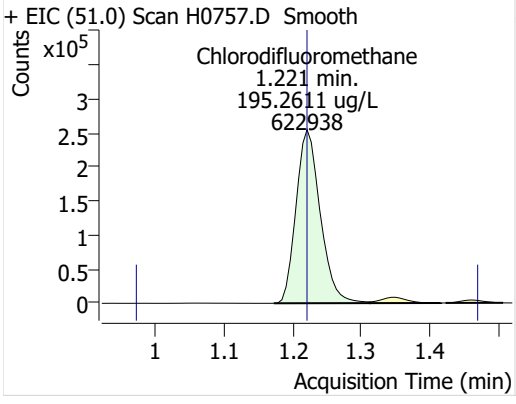
Dichlorodifluoromethane

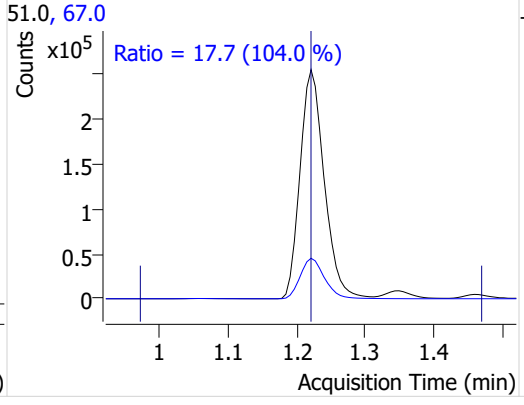


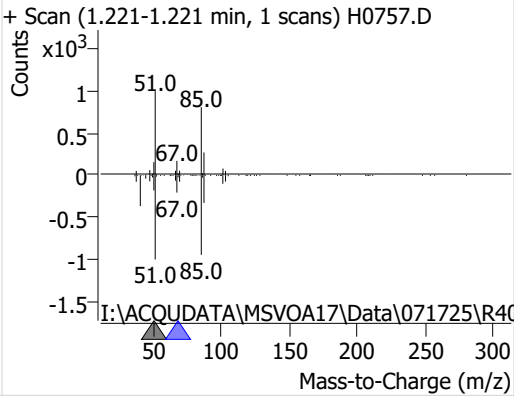




Chlorodifluoromethane

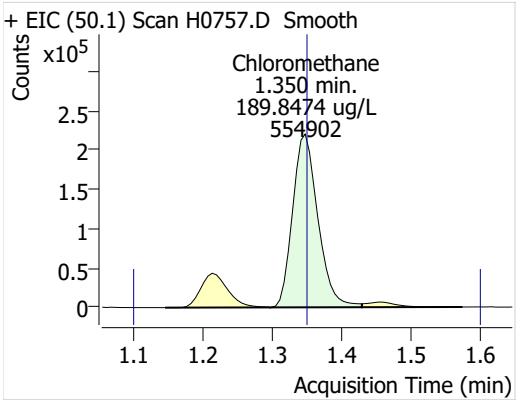


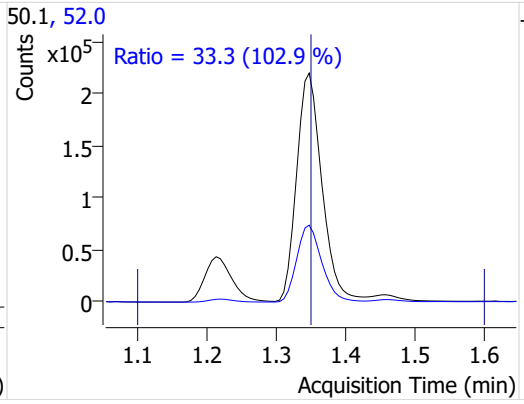


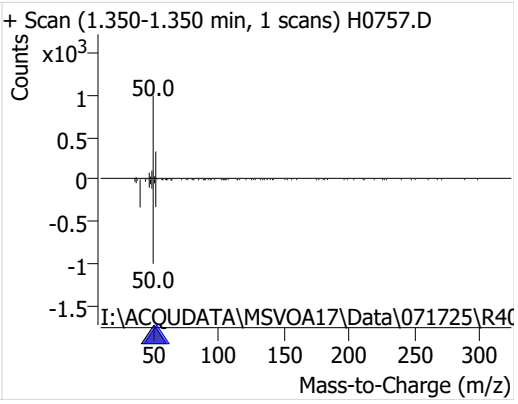


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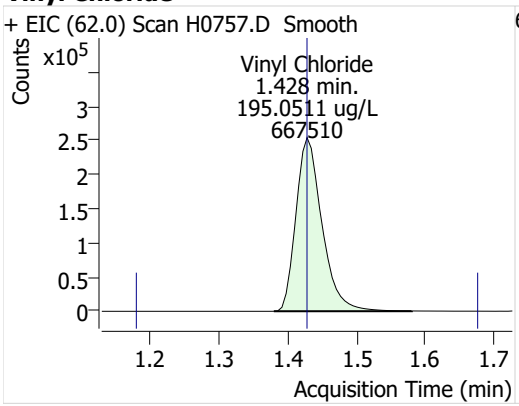
Chloromethane

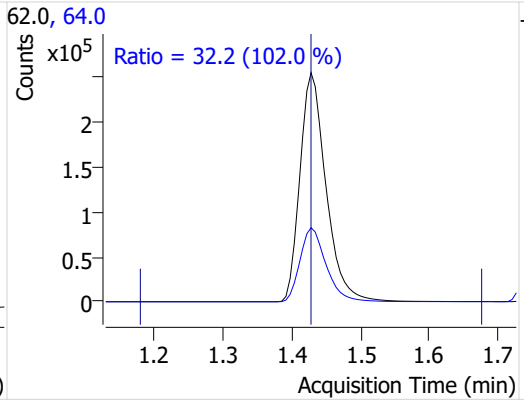


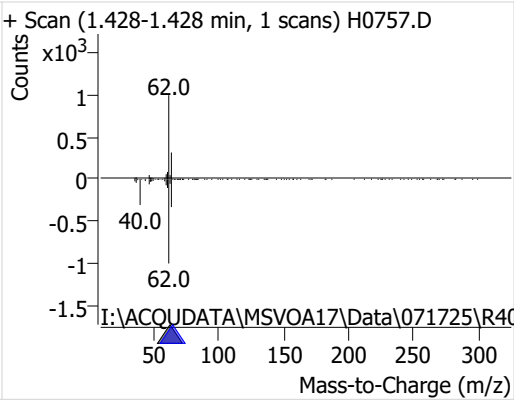




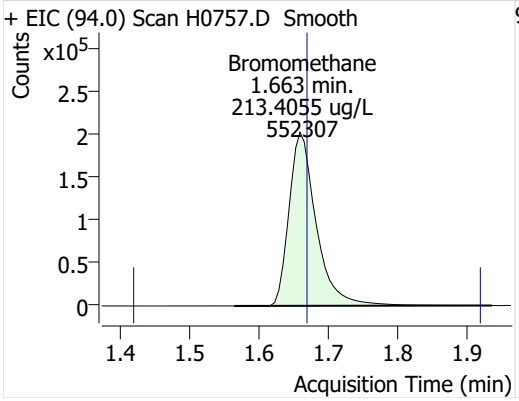
Vinyl Chloride

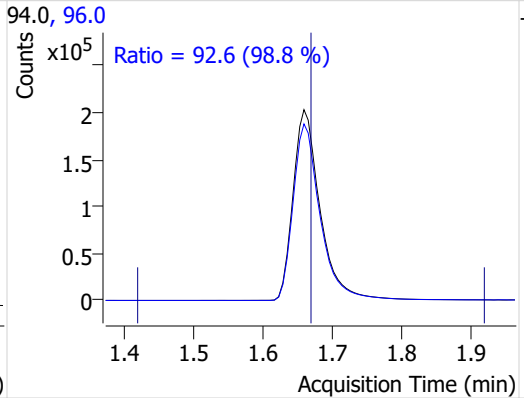


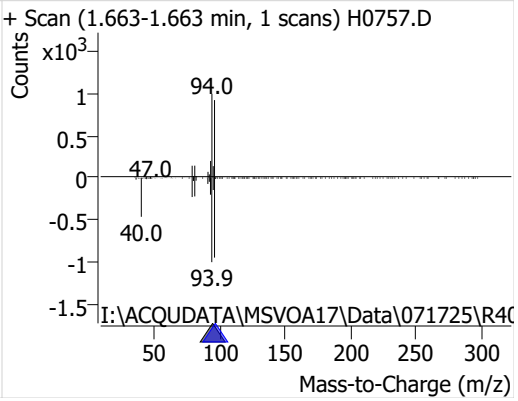




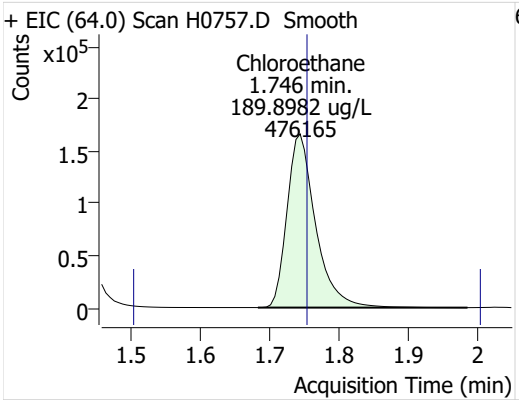
Bromomethane

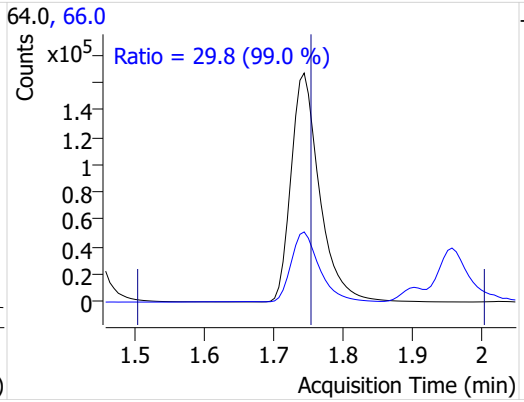


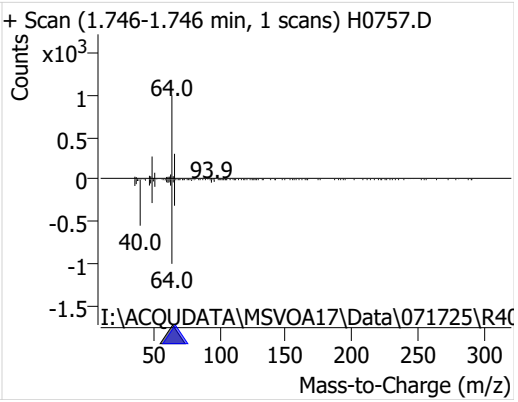




Chloroethane

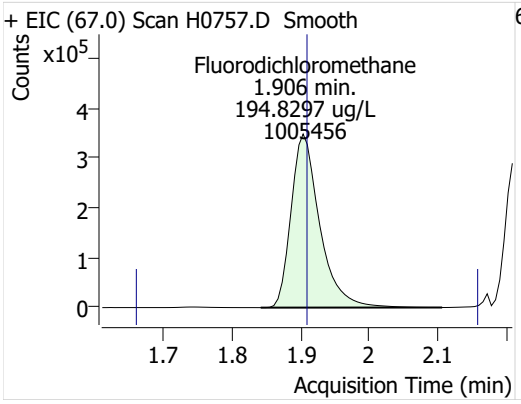


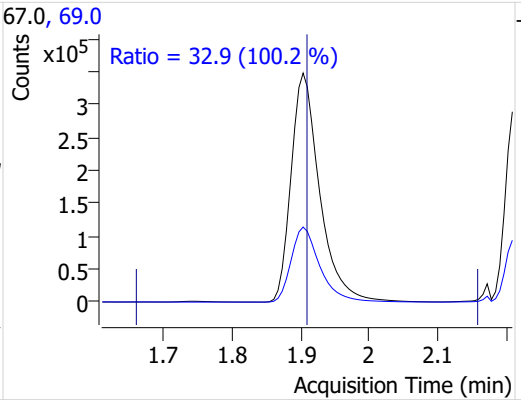


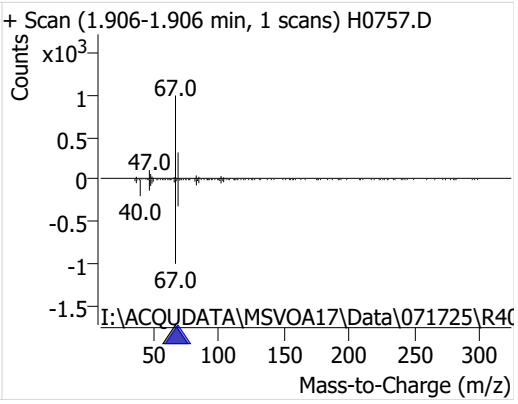


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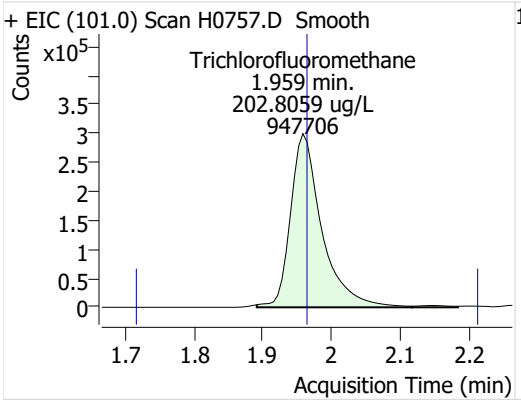
Fluorodichloromethane

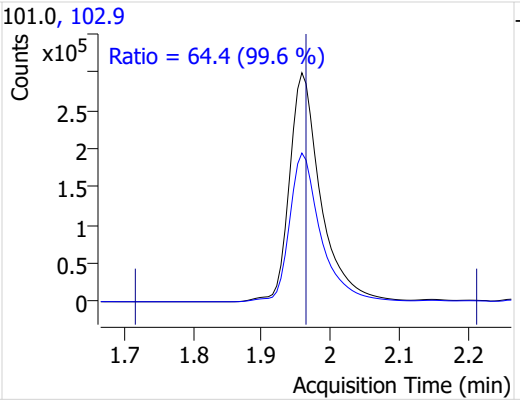


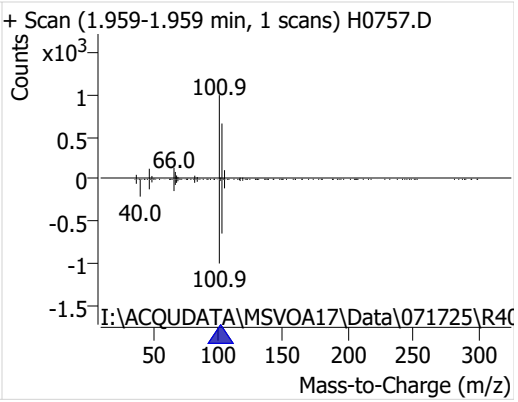




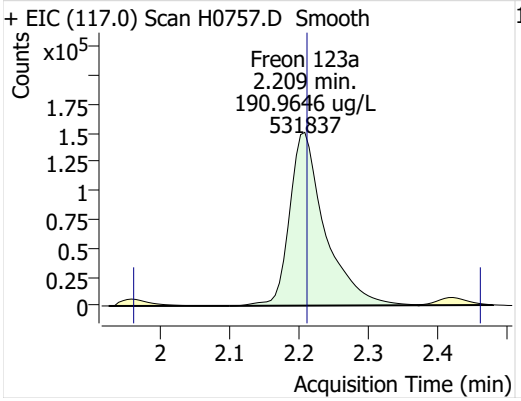
Trichlorofluoromethane

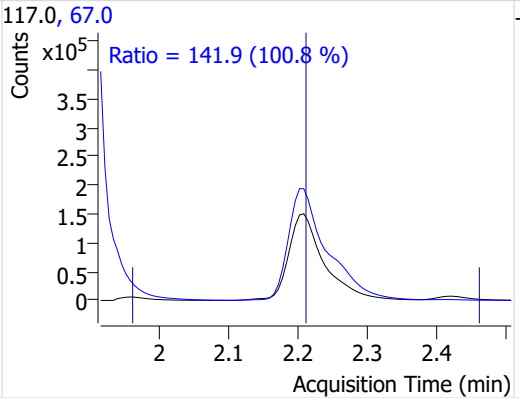


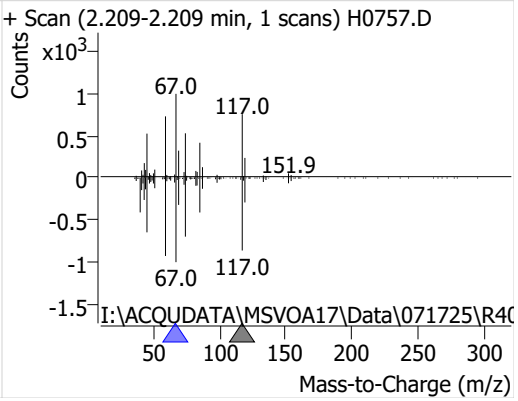




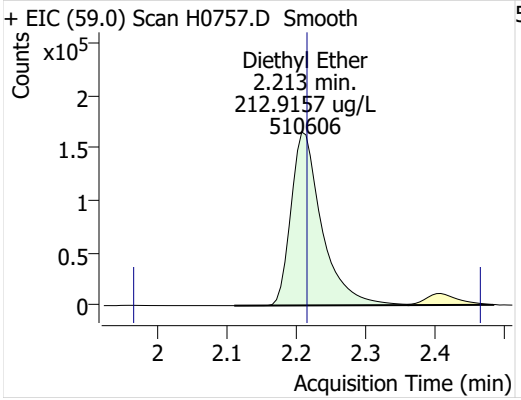
Freon 123a

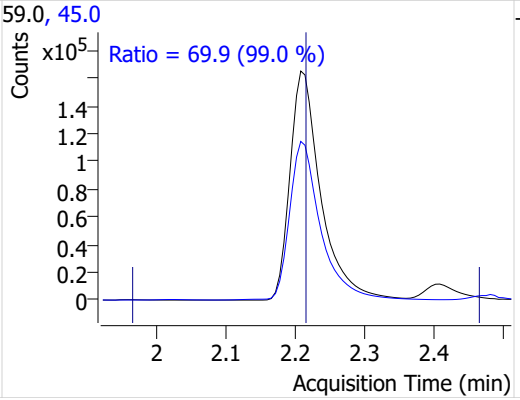


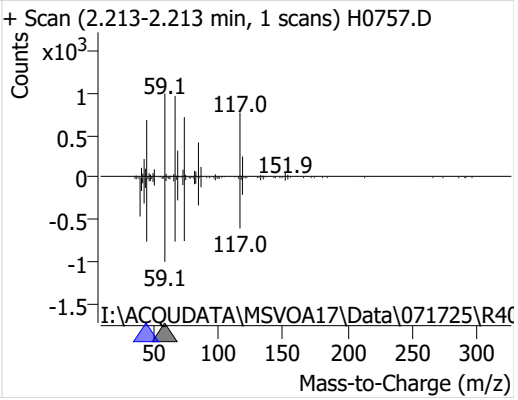




Diethyl Ether

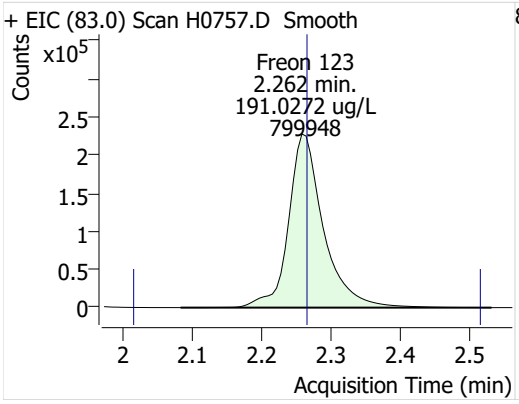


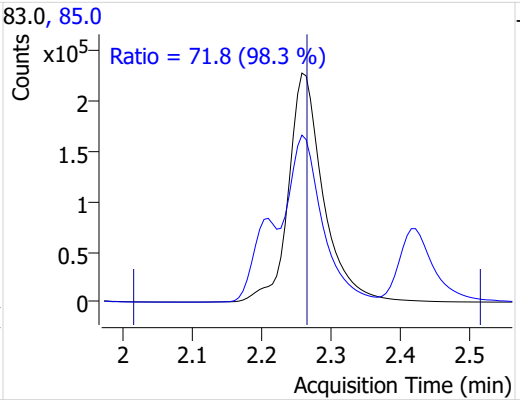


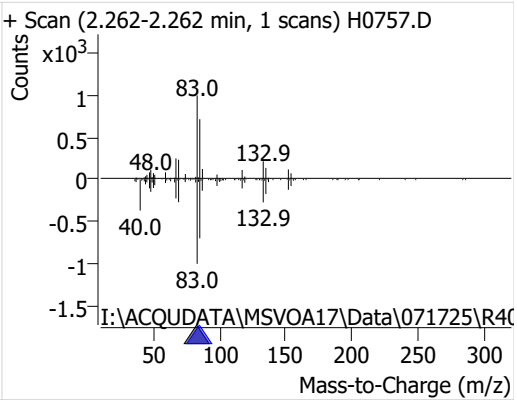


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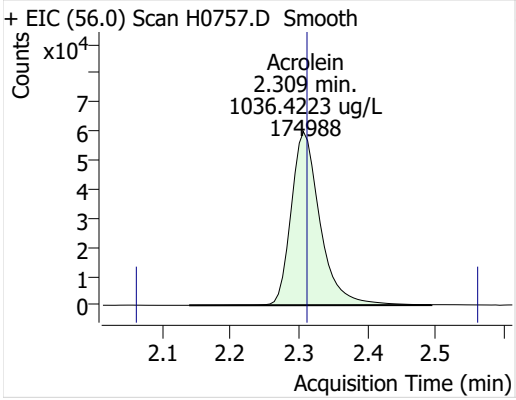
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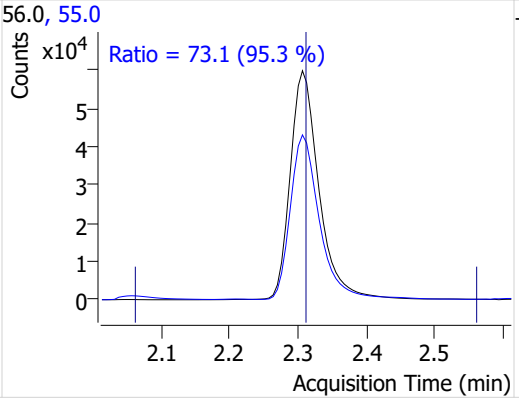


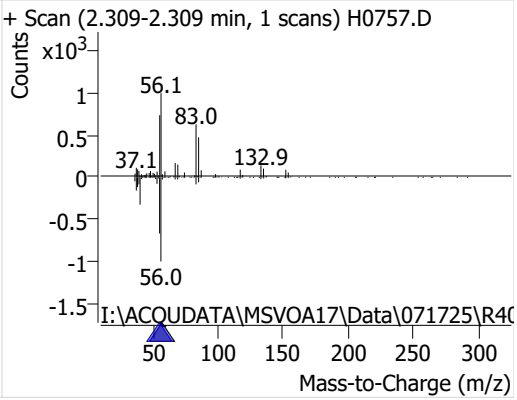




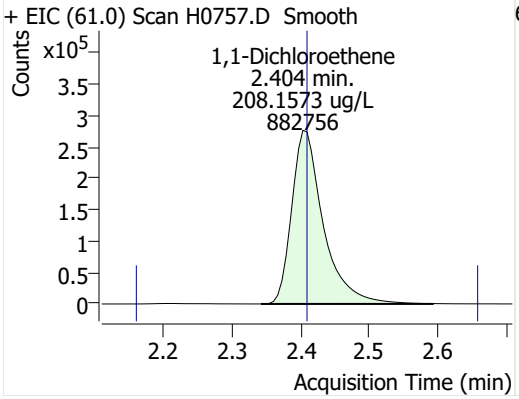
Acrolein

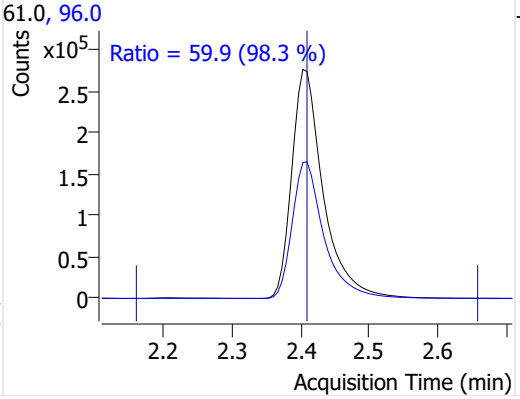


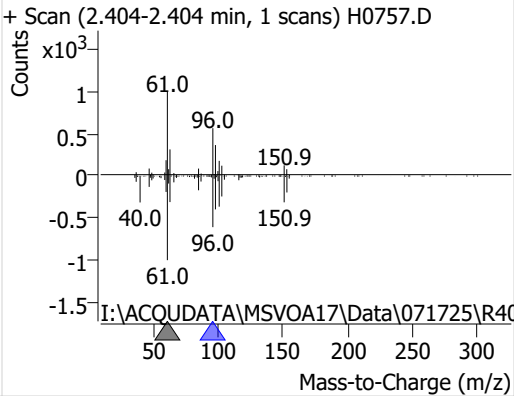




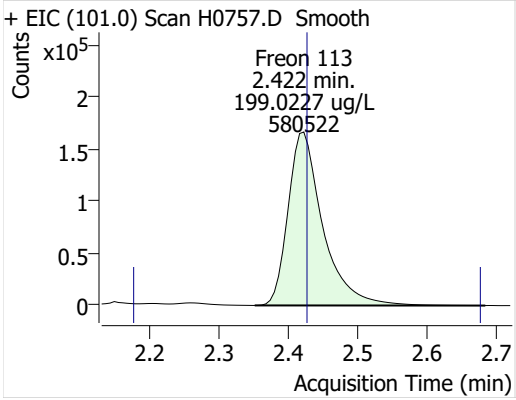
1,1-Dichloroethene

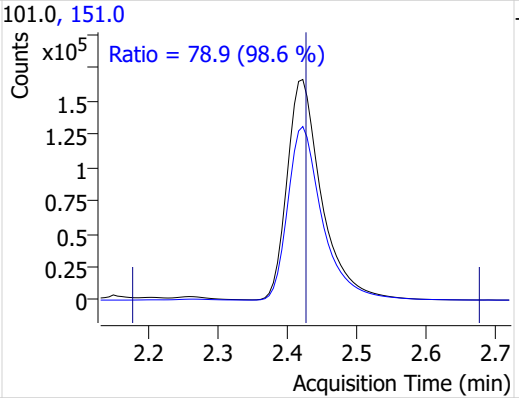


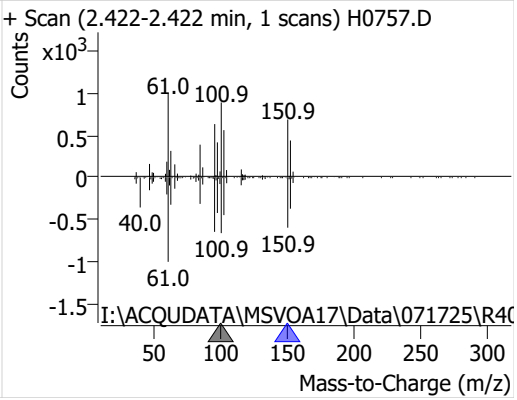




Freon 113

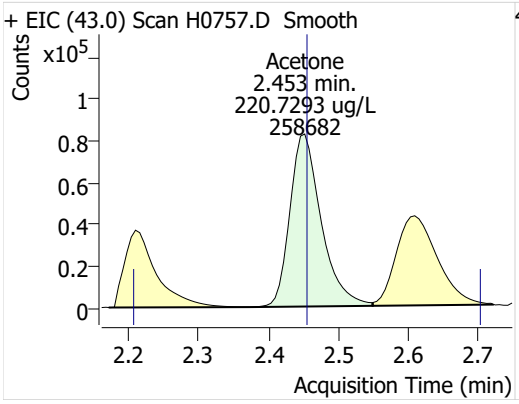


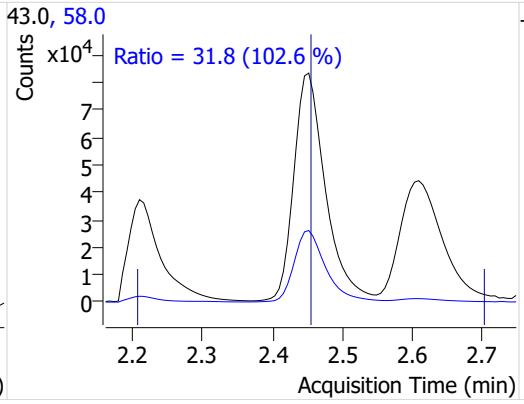


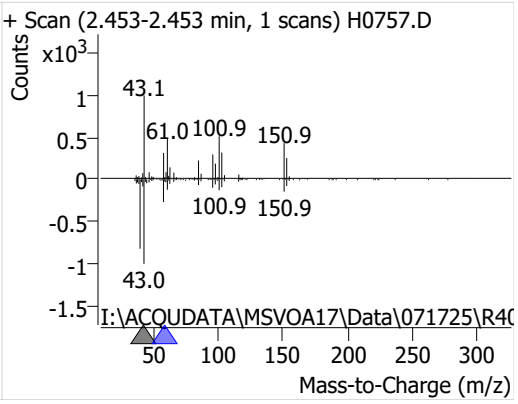


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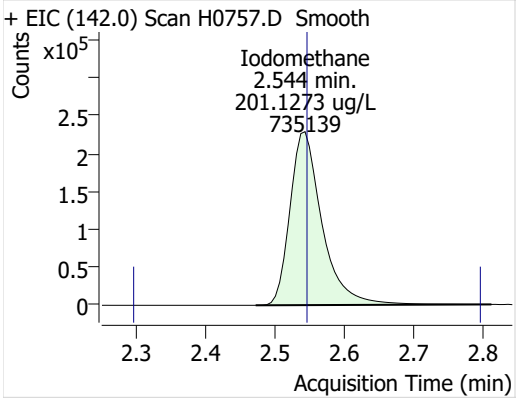
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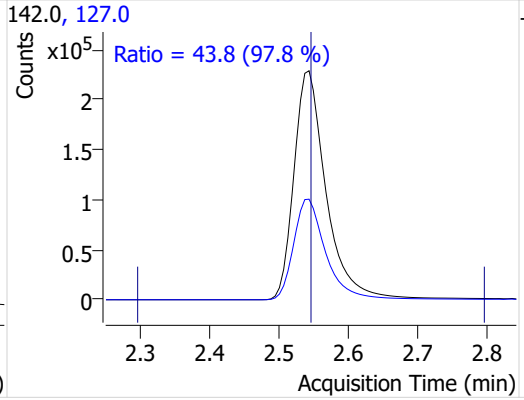


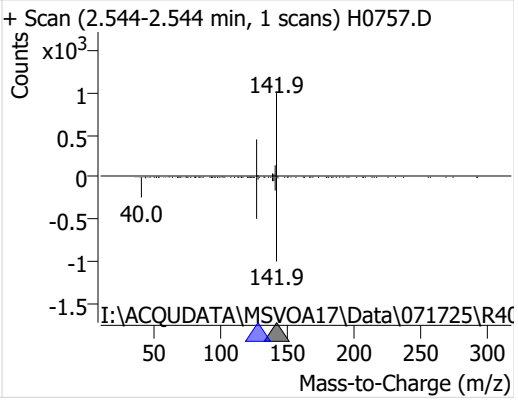




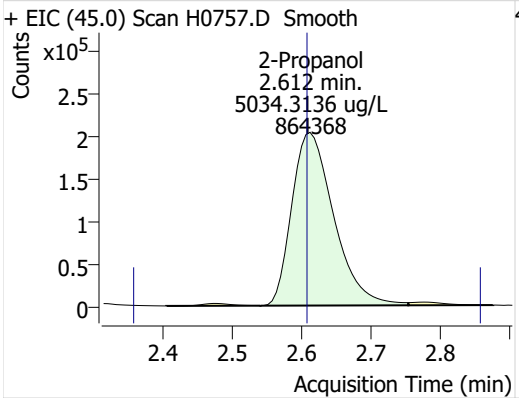
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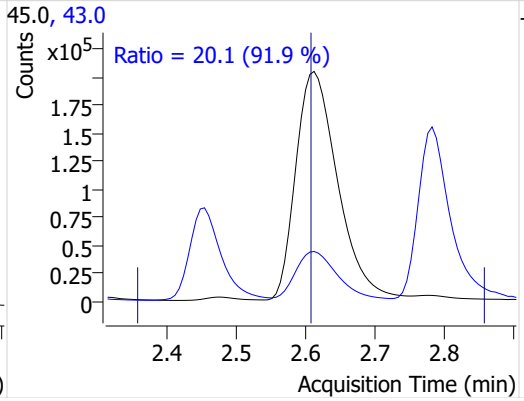


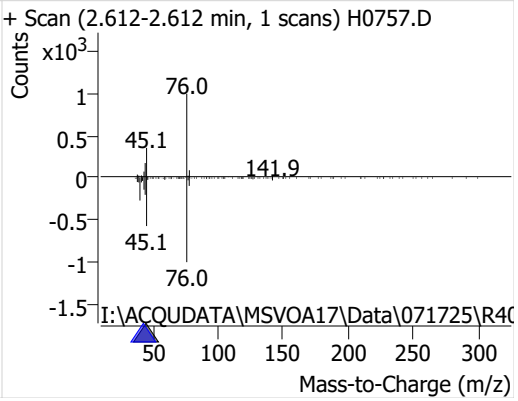




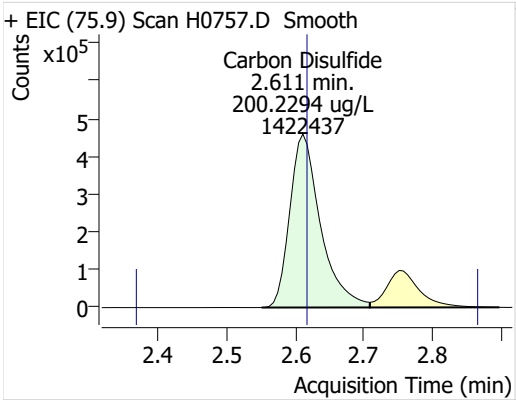
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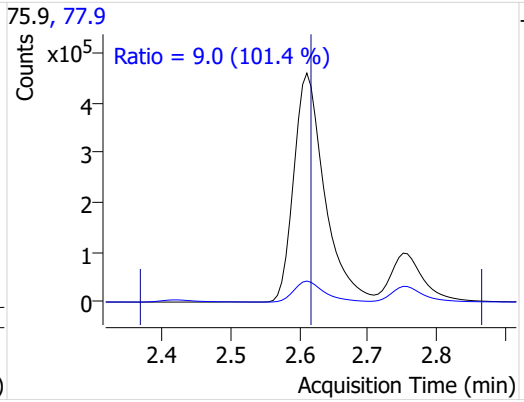


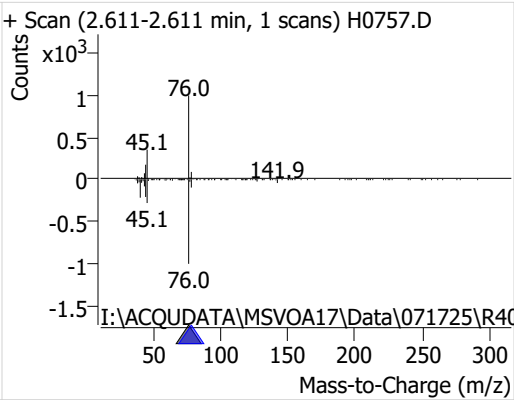




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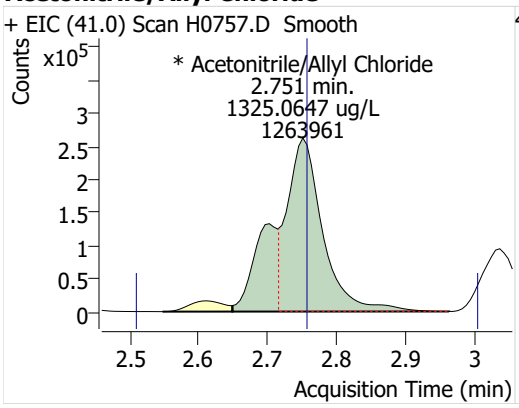


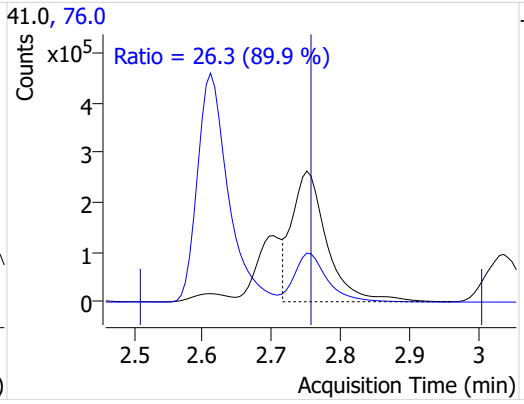


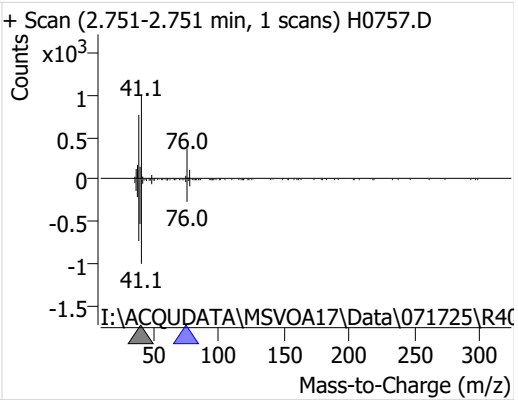


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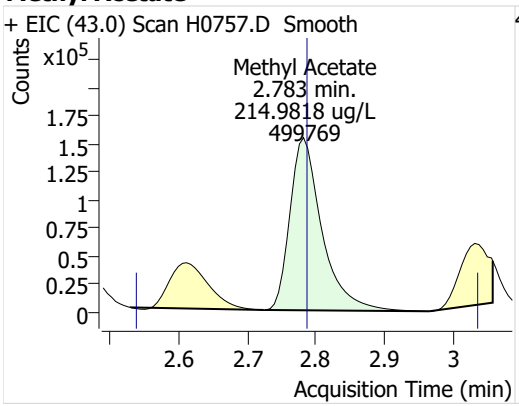
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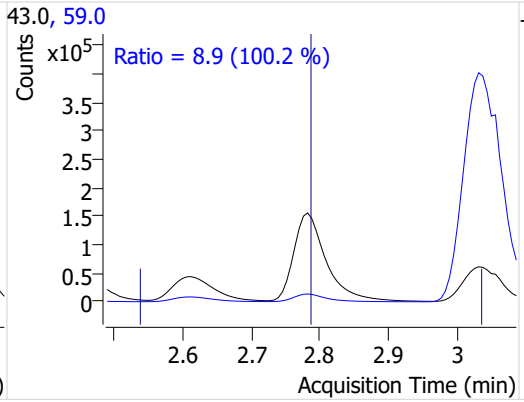


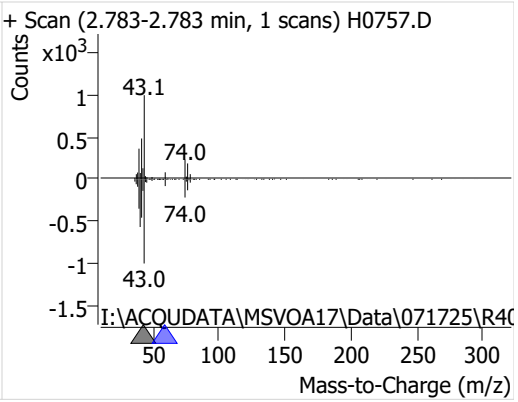




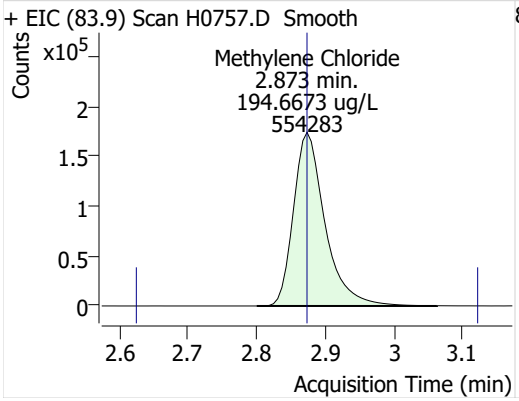
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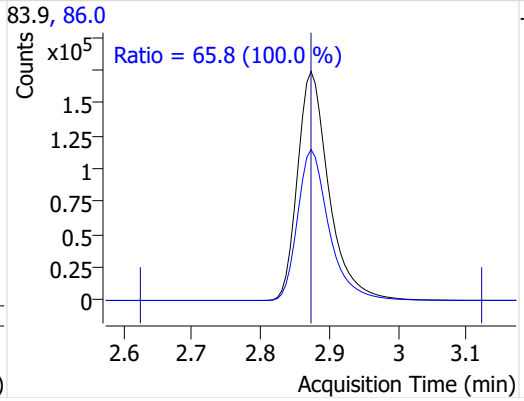


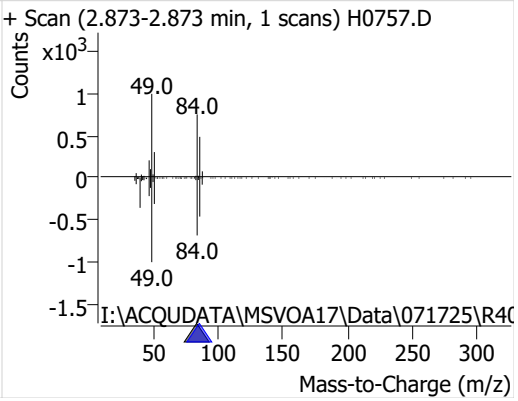




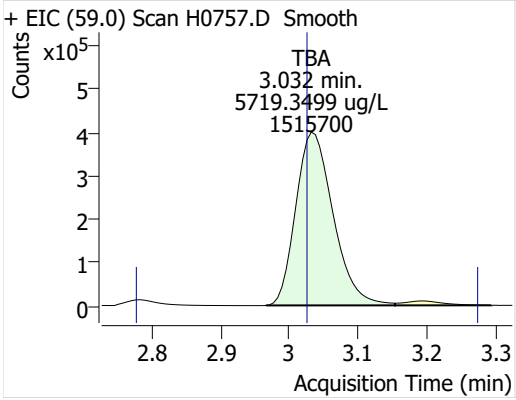
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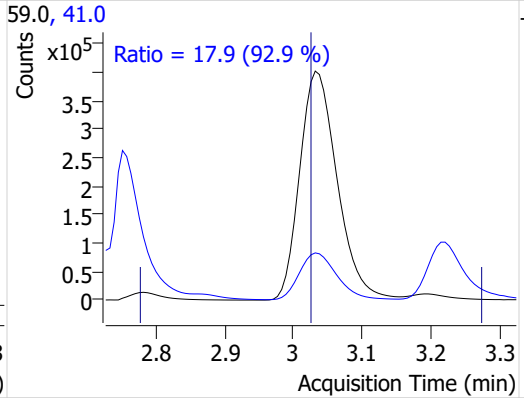


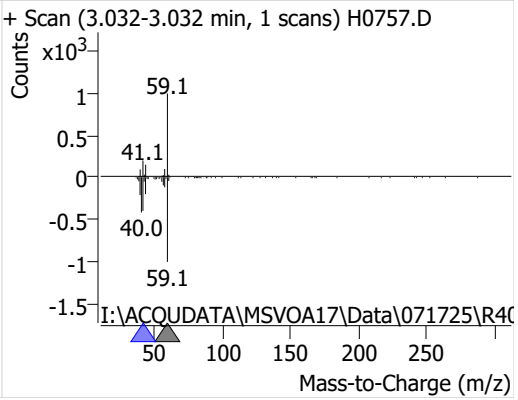




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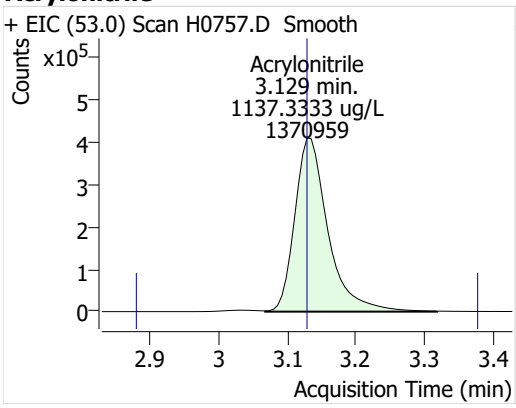


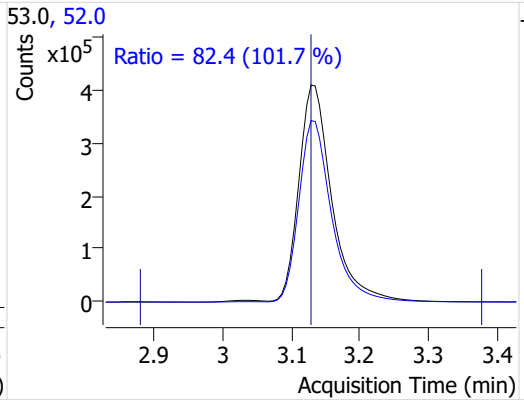


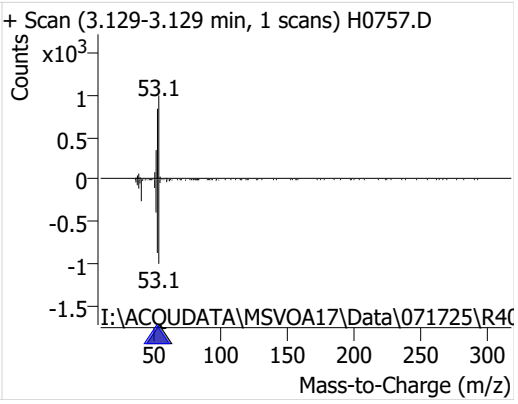


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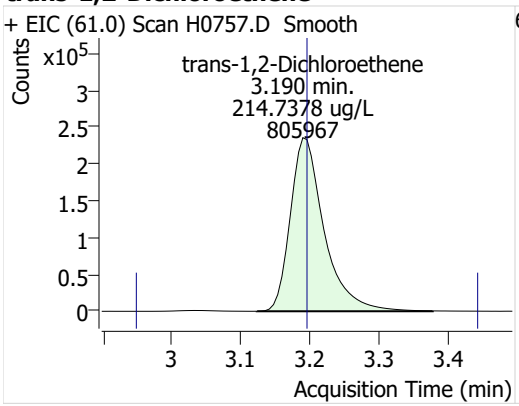
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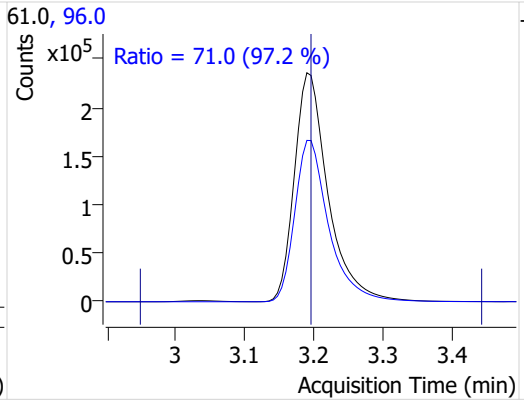


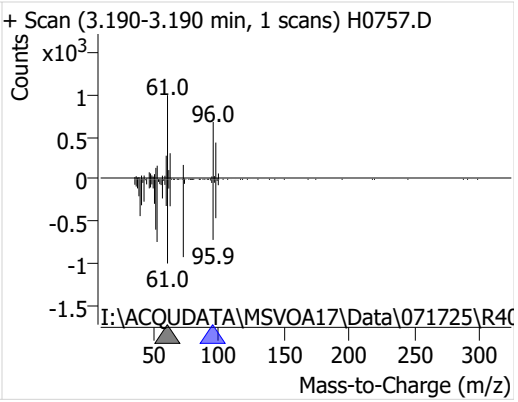




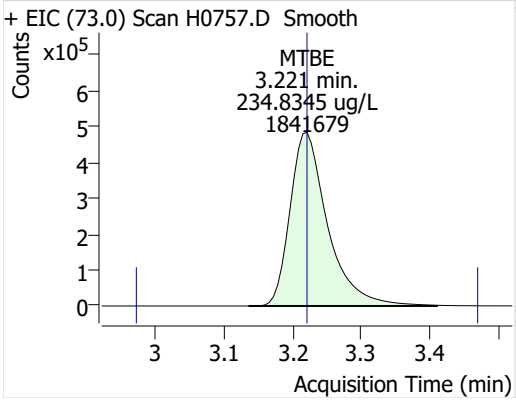
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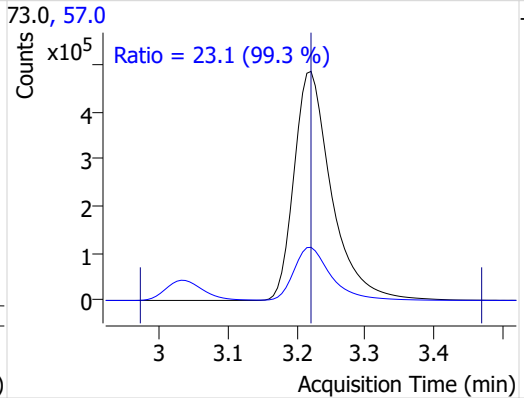


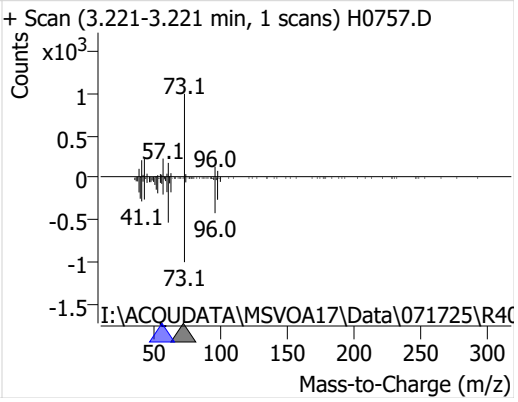




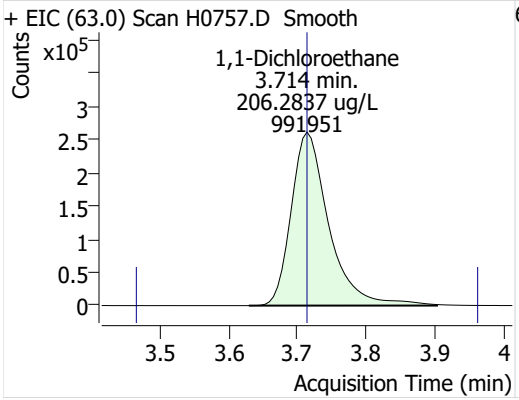
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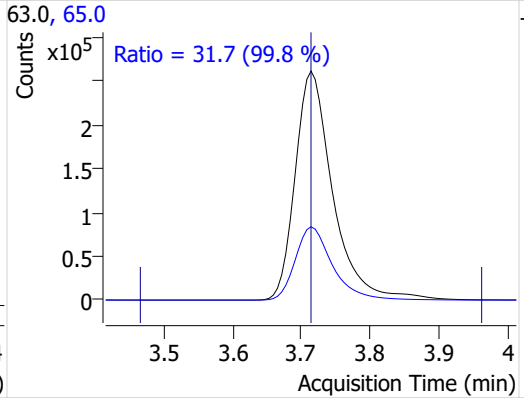


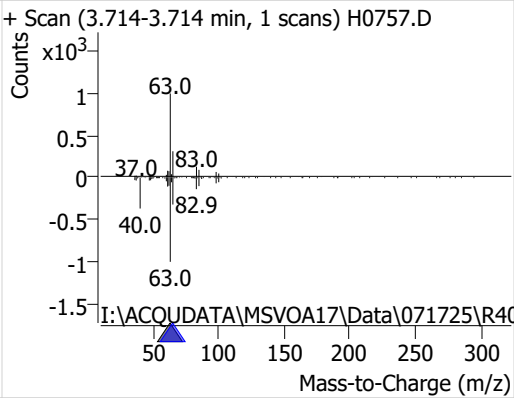




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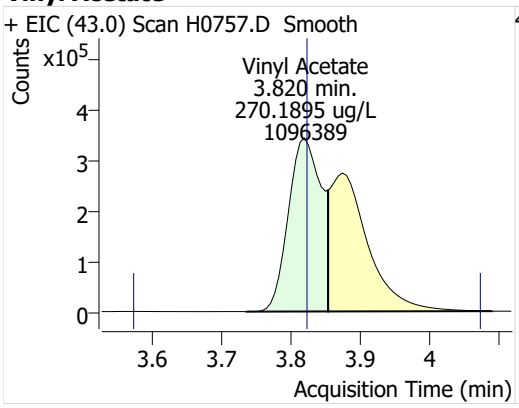


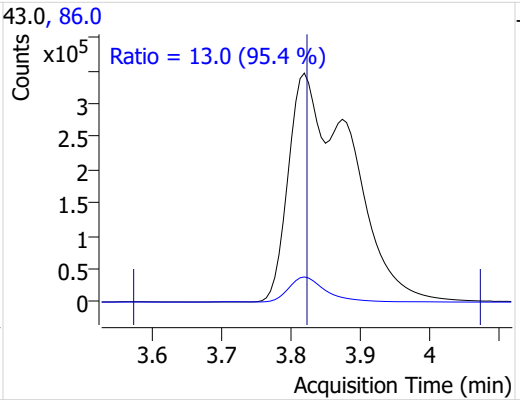


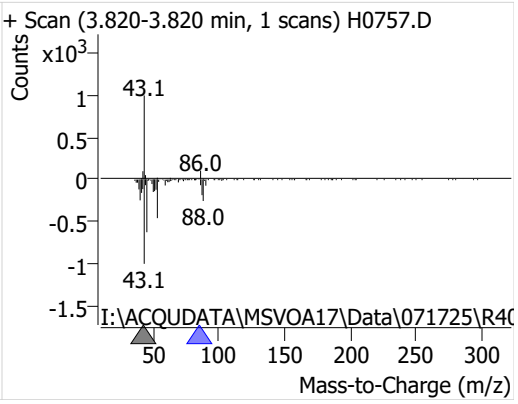


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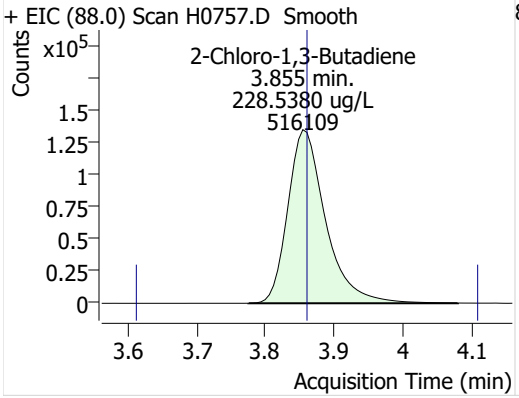
Vinyl Acetate

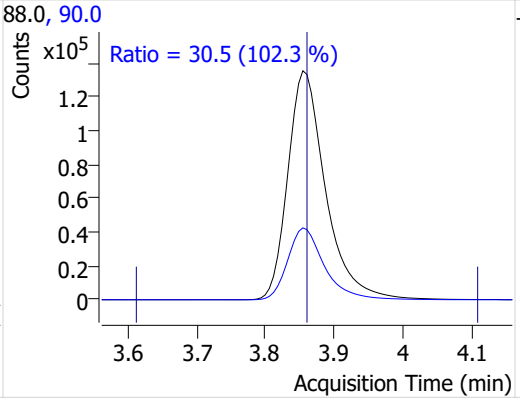


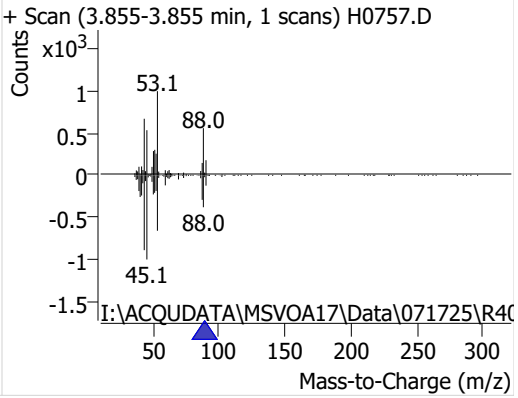




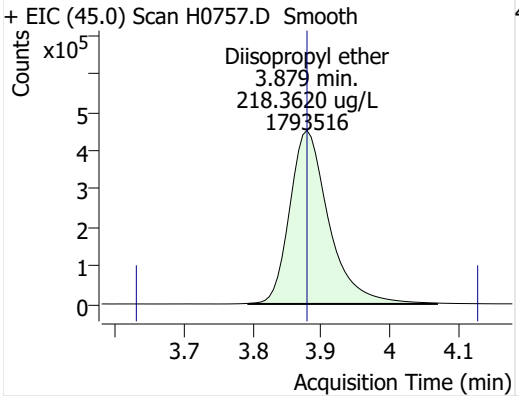
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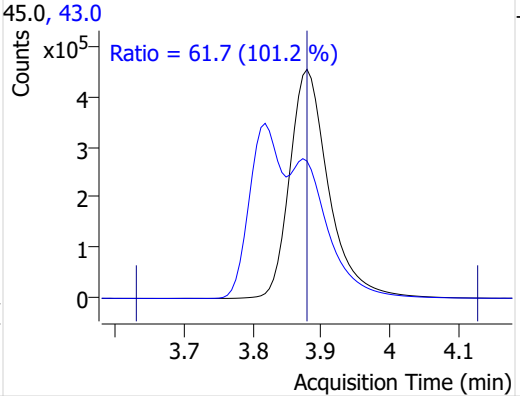


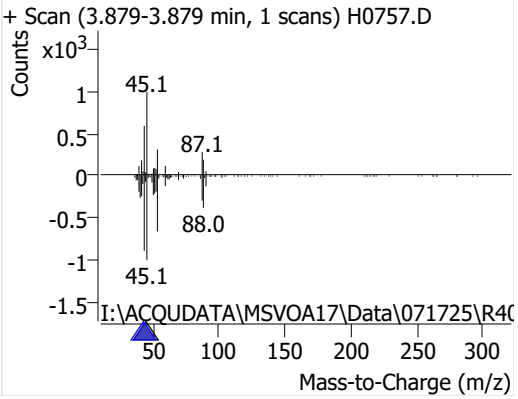




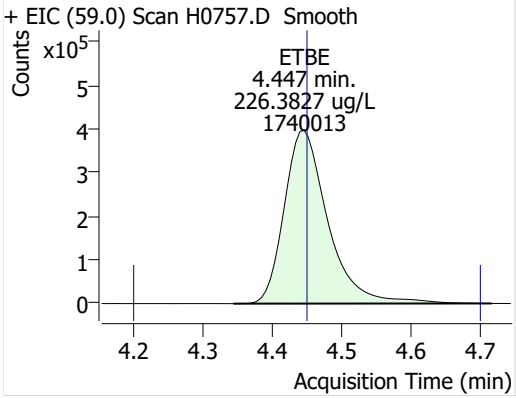
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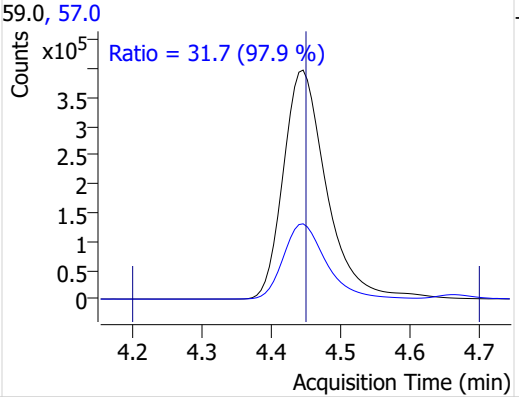


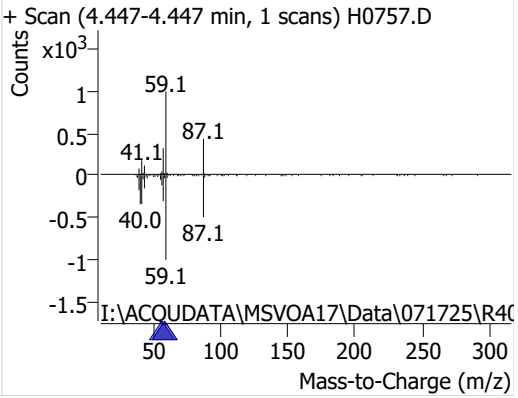




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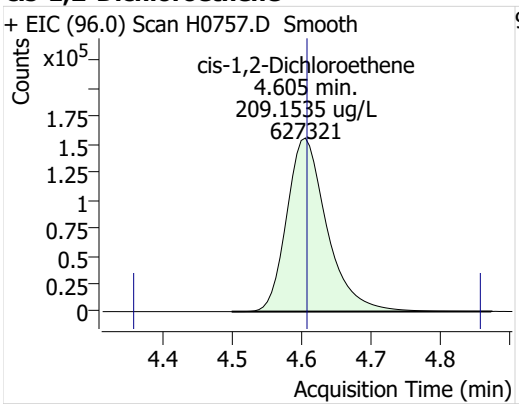


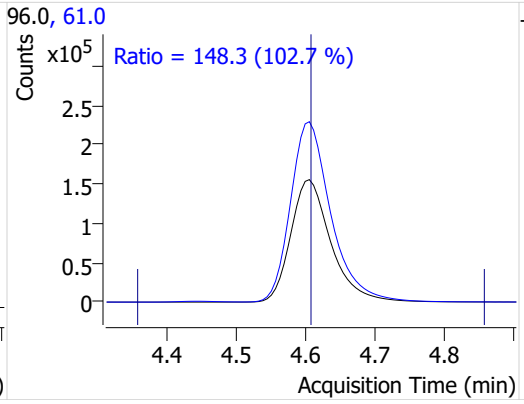


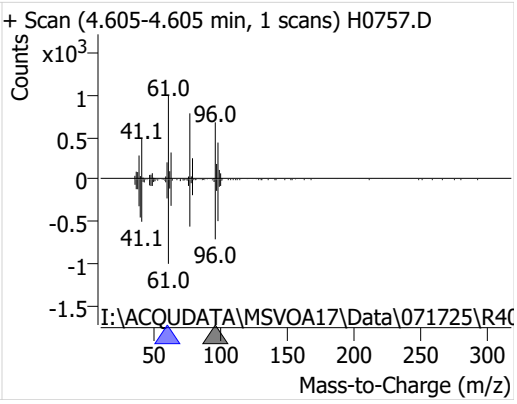


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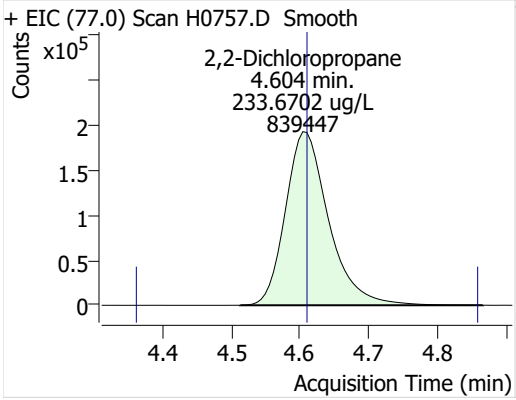
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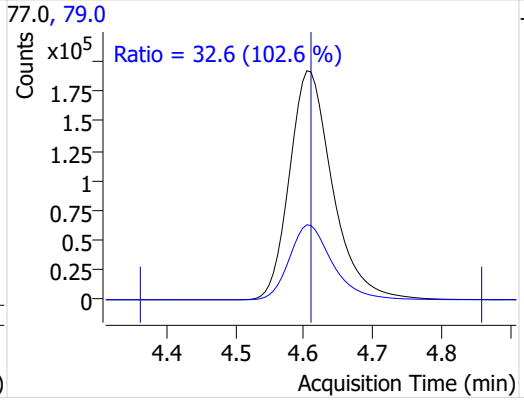


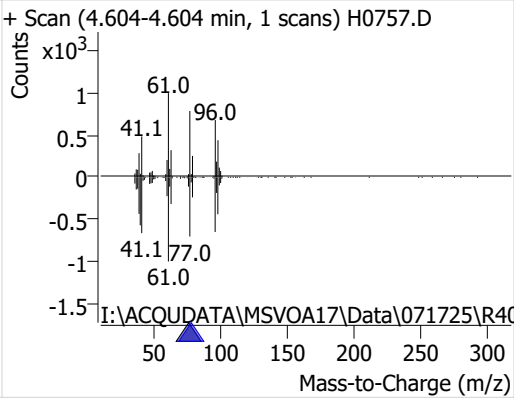




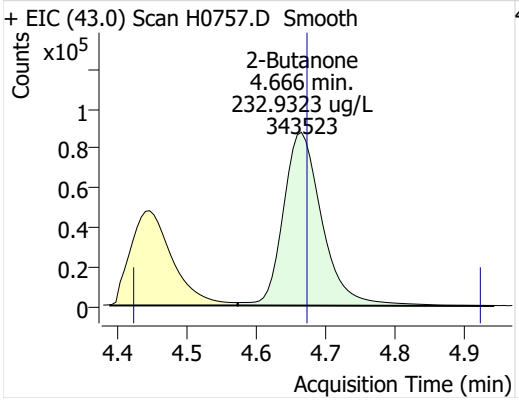
2,2-Dichloropropane

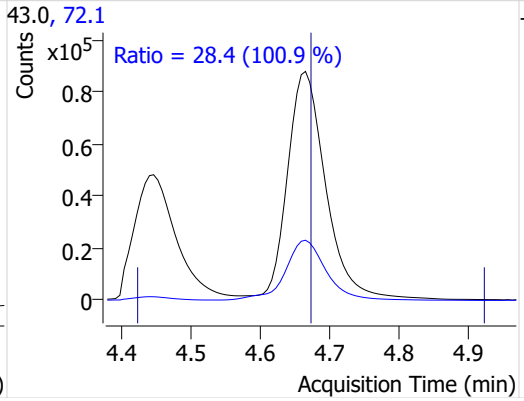


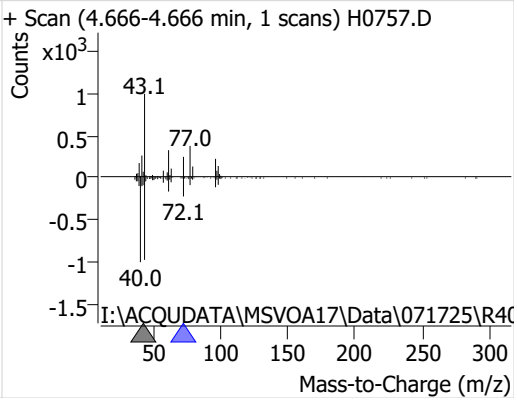




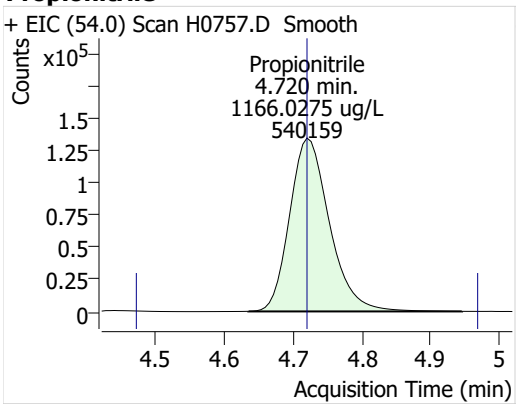
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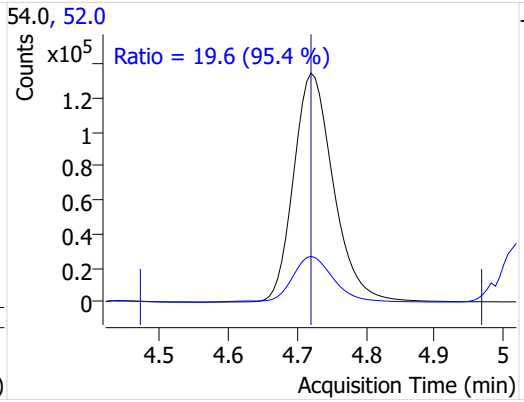


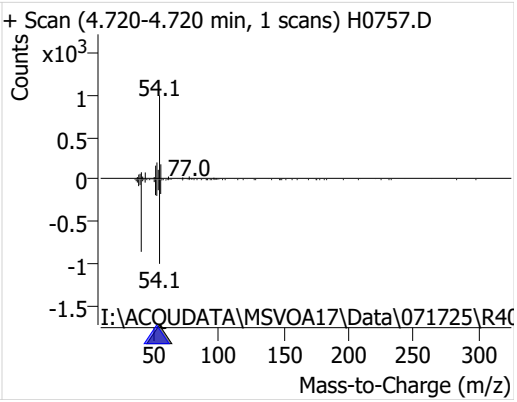




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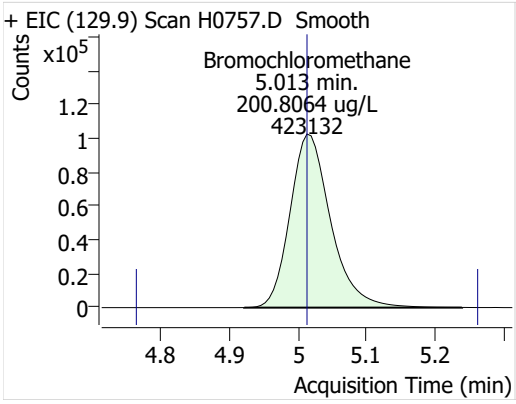


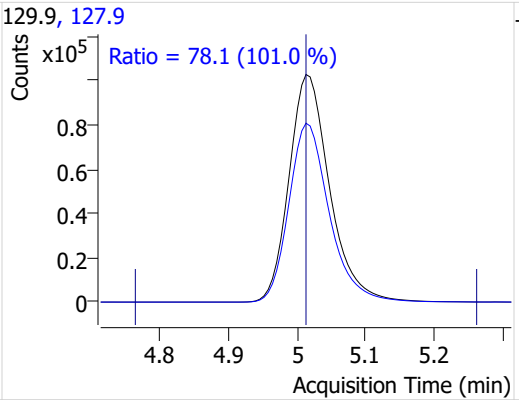


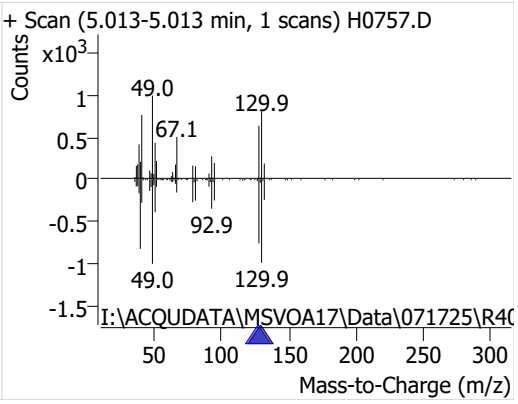


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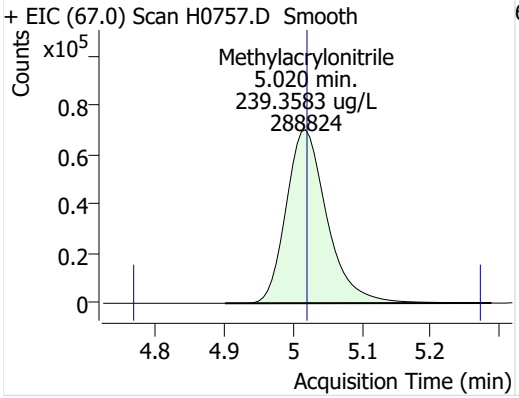
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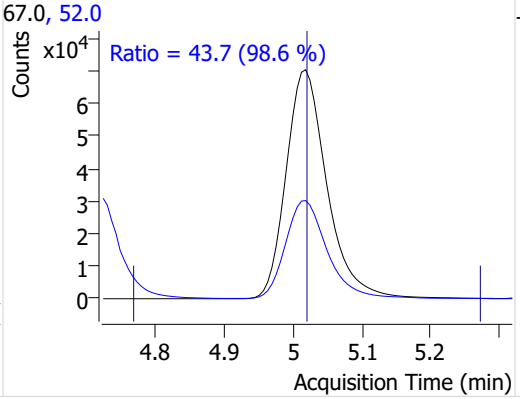


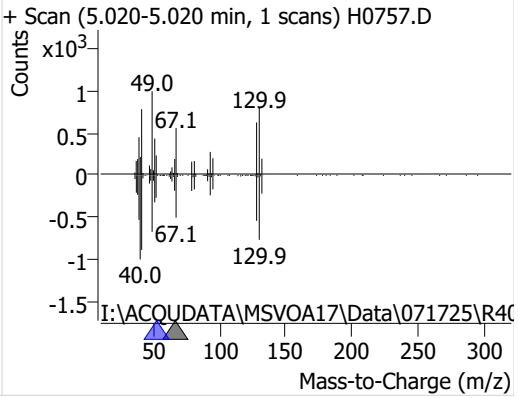




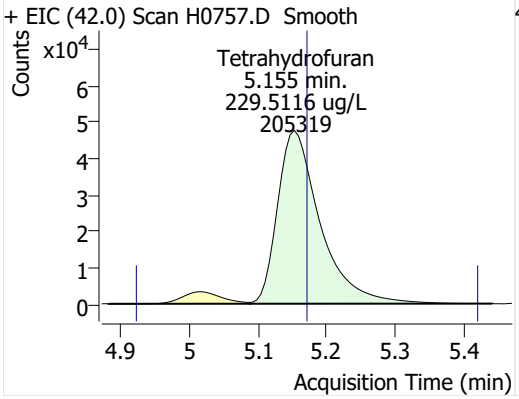
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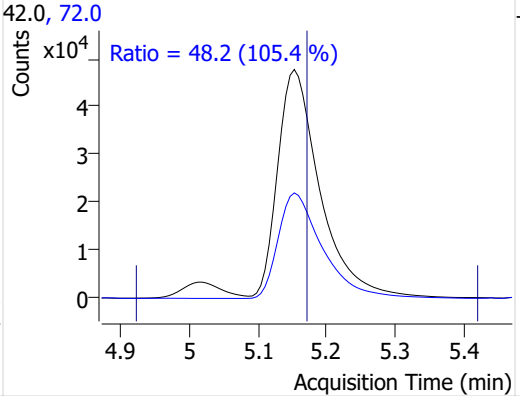


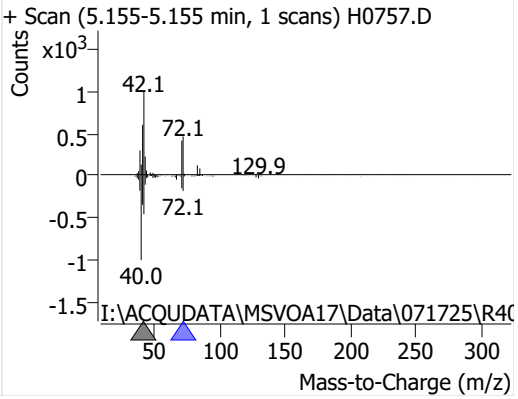




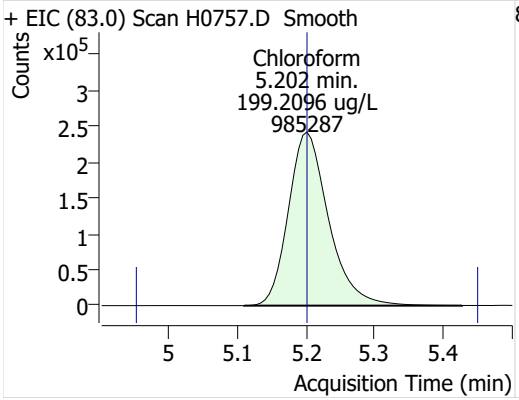
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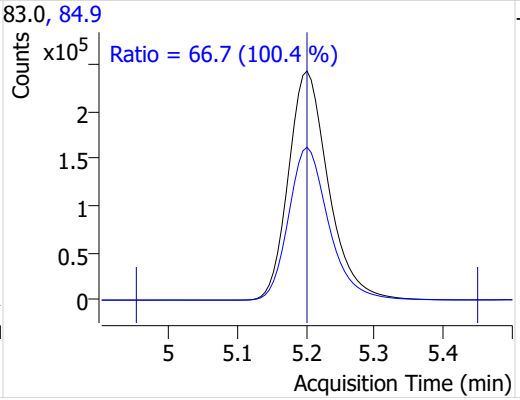


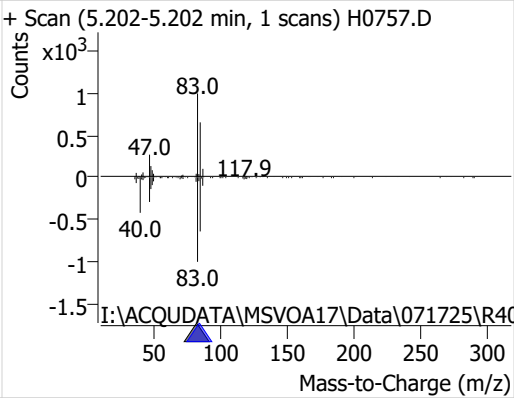




Chloroform

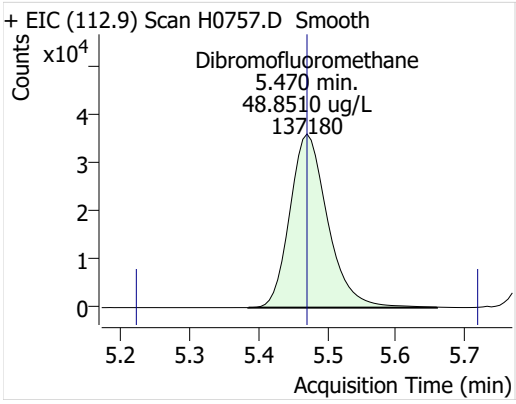


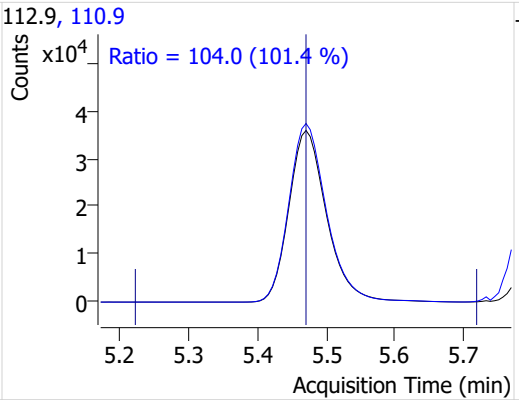


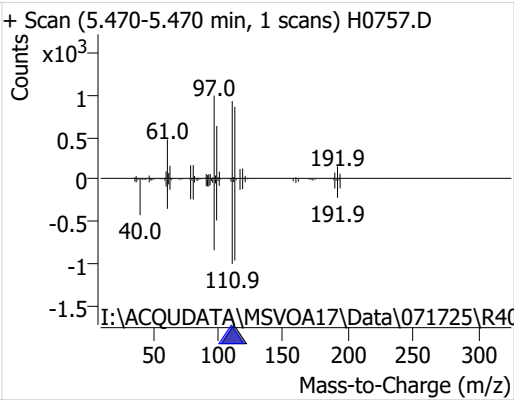


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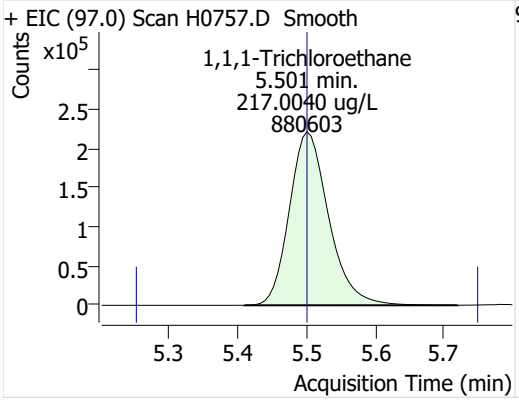
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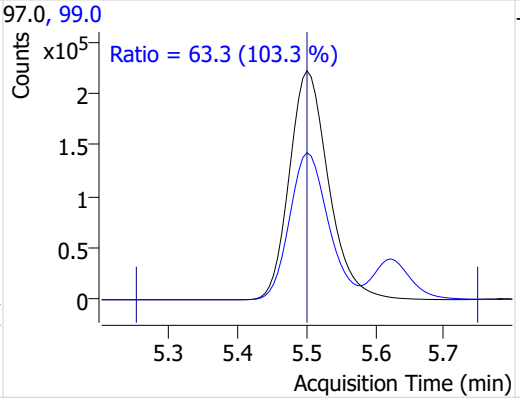


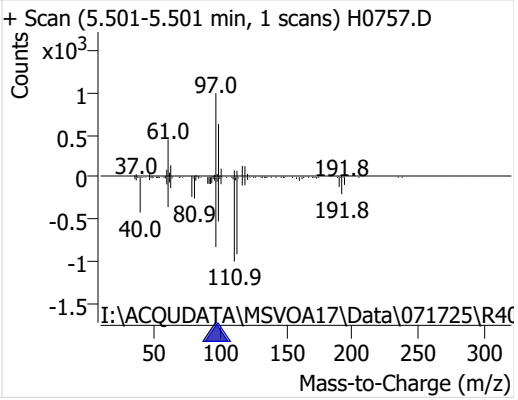




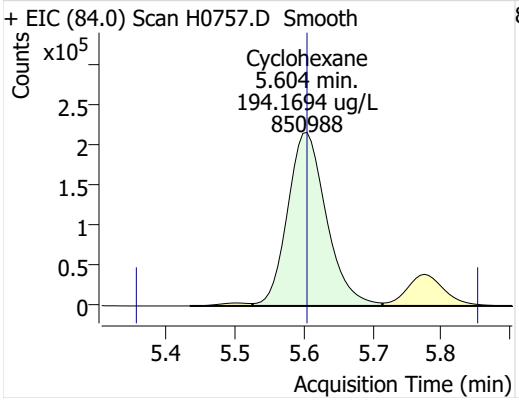
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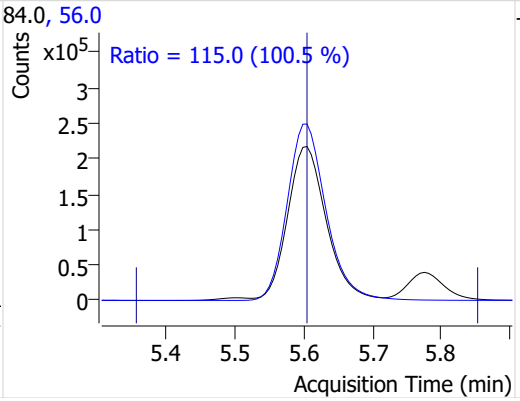


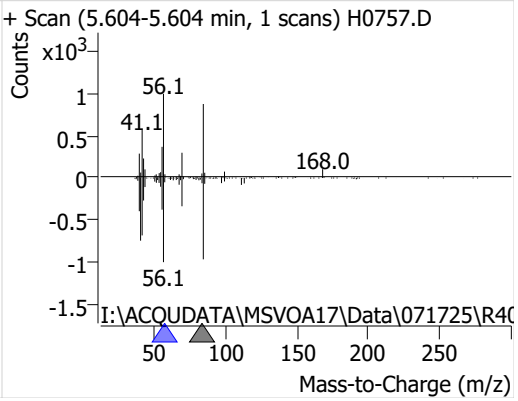




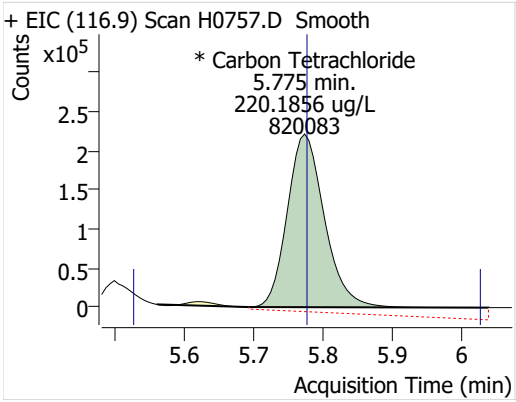
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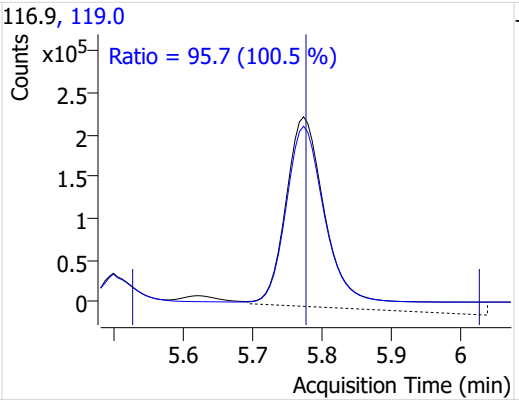


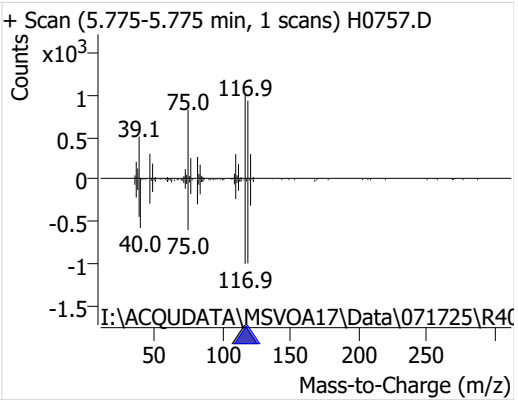




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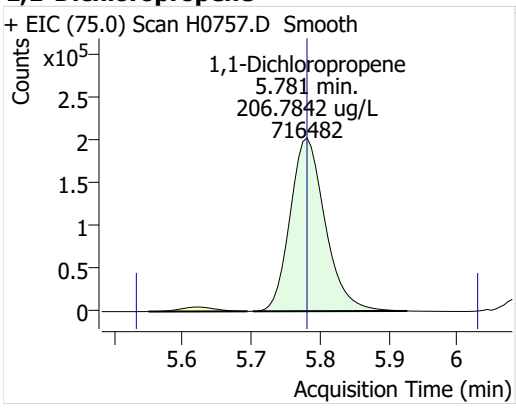


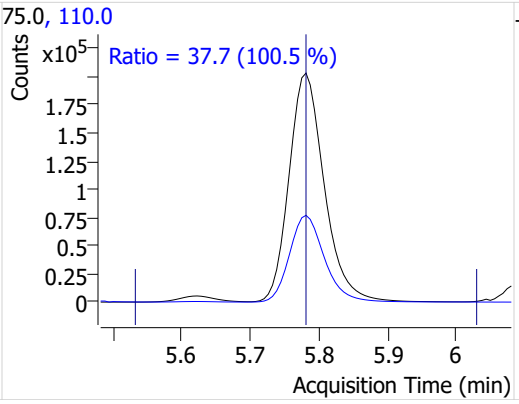


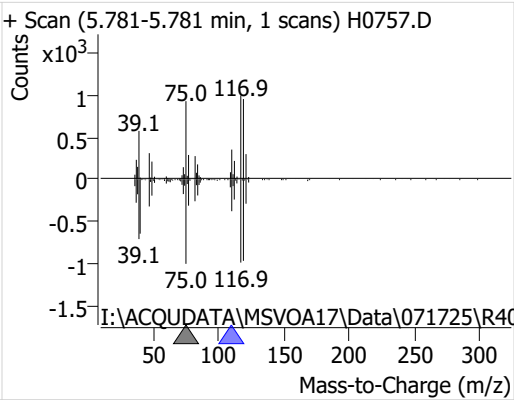


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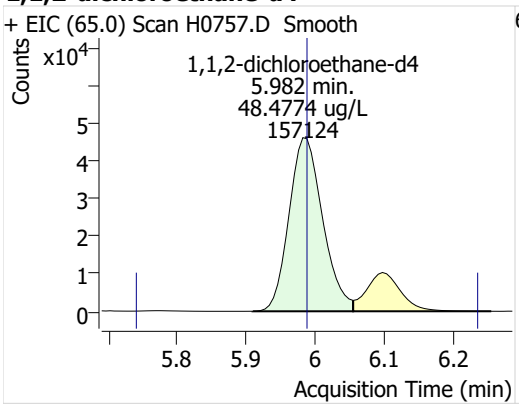
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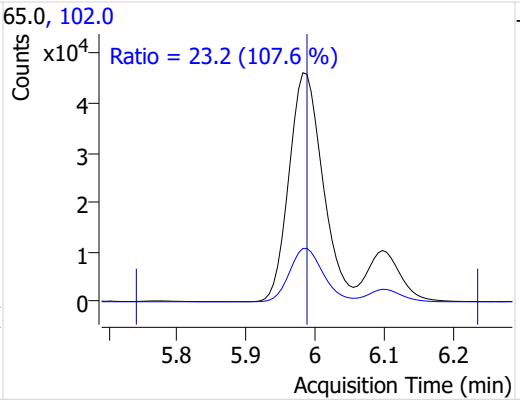


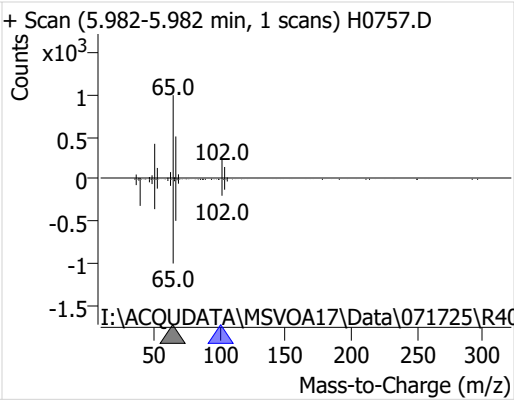




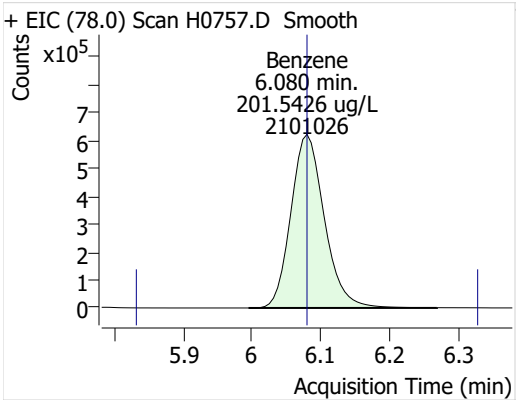
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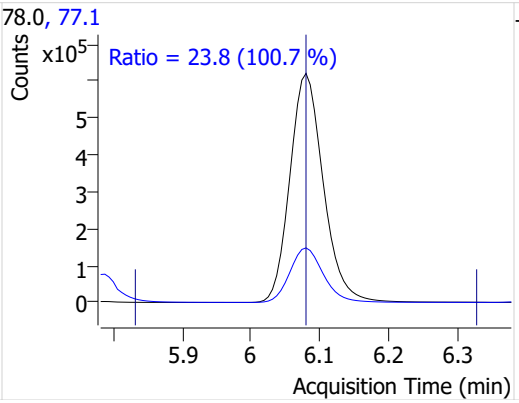


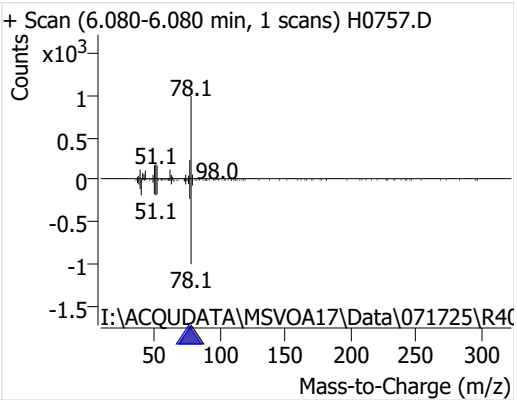




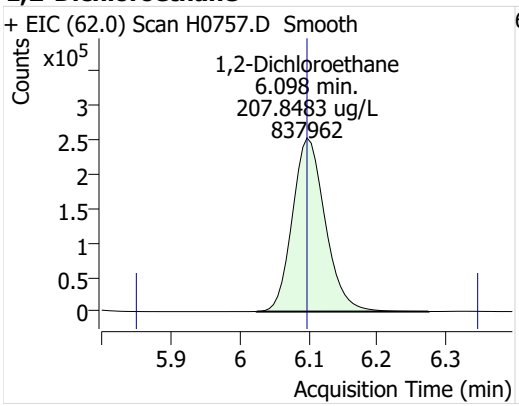
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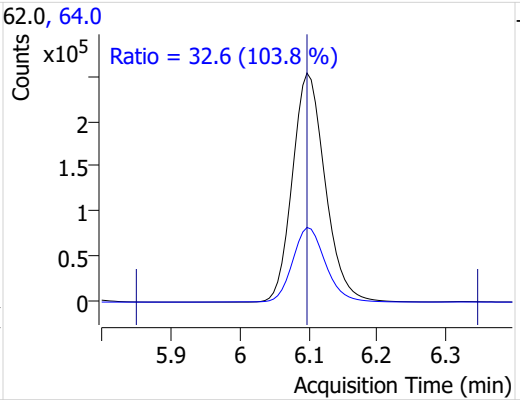


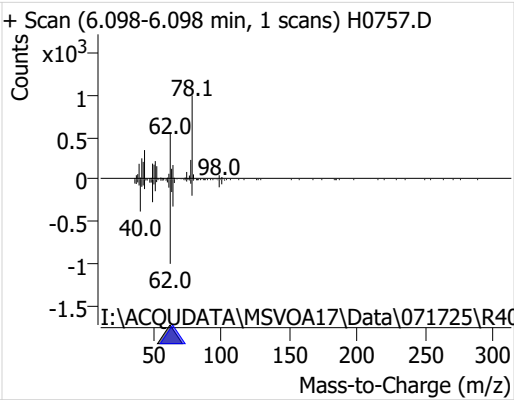




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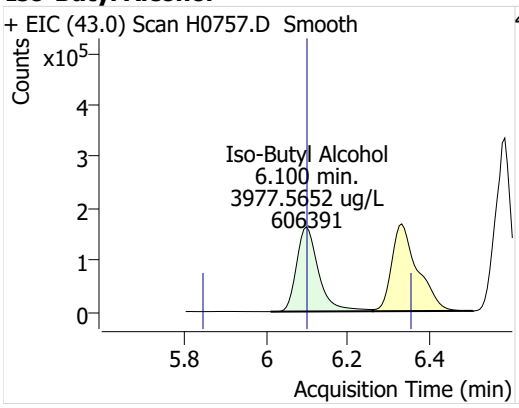


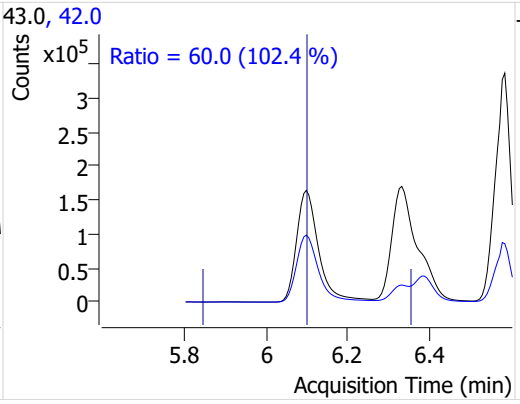


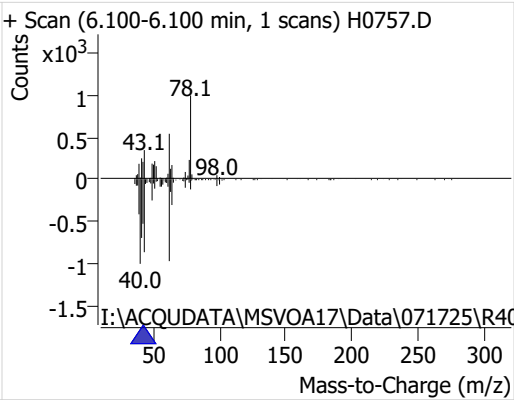


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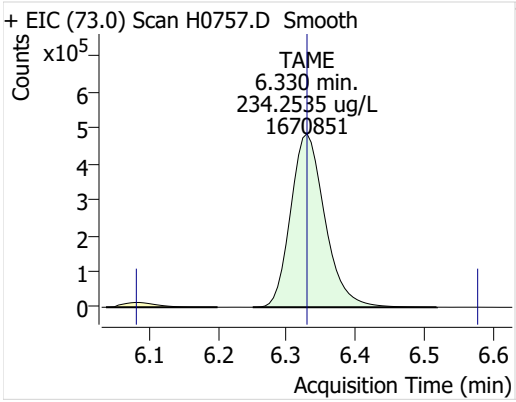
Iso-Butyl Alcohol

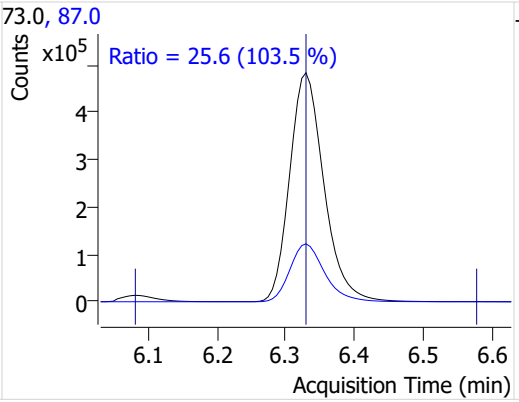


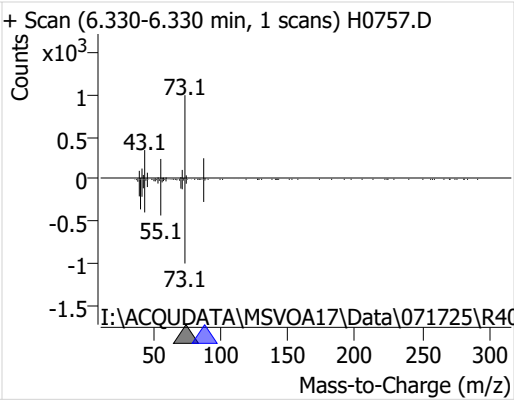




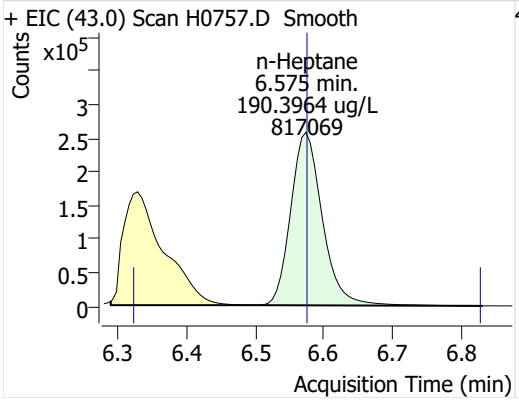
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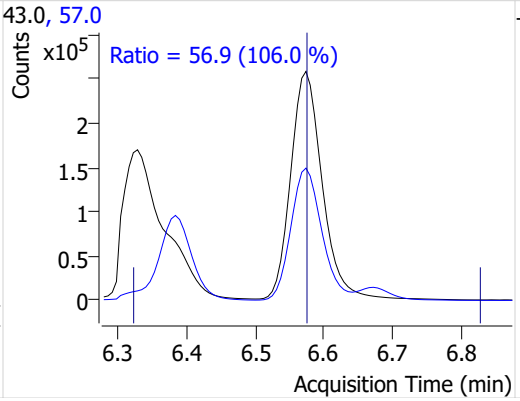


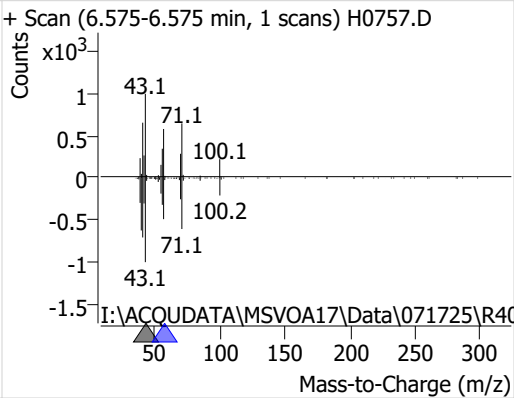




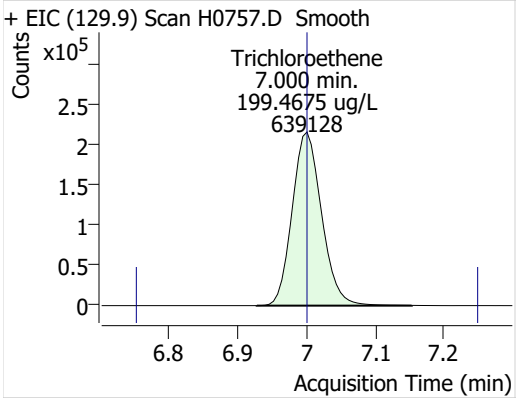
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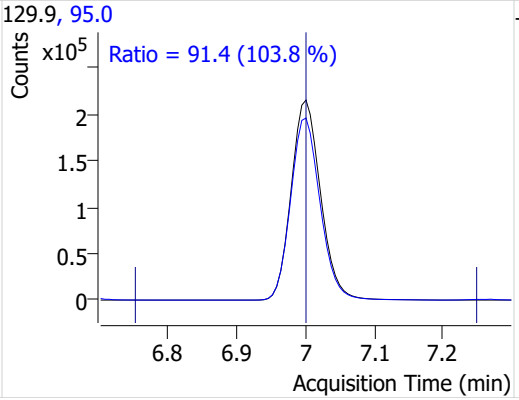


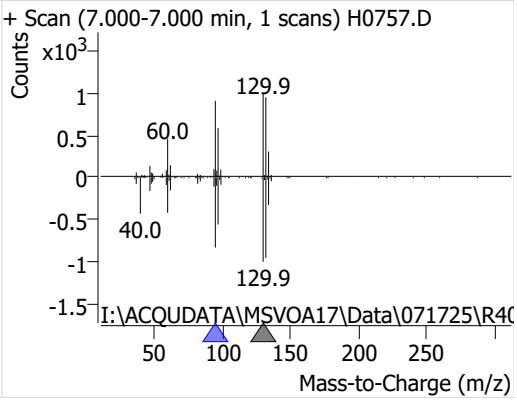




Trichloroethene

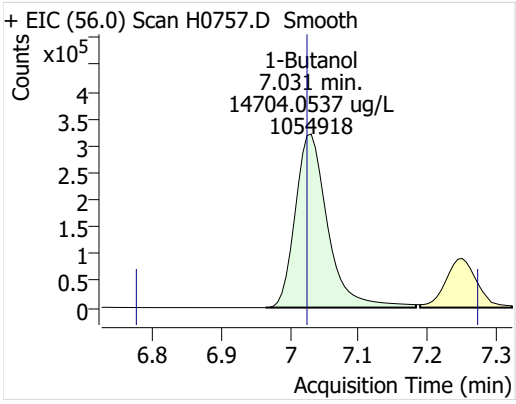


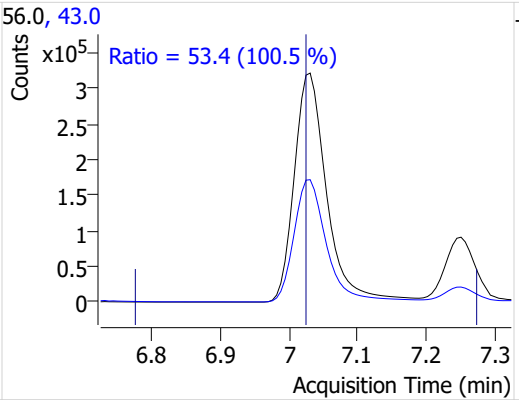


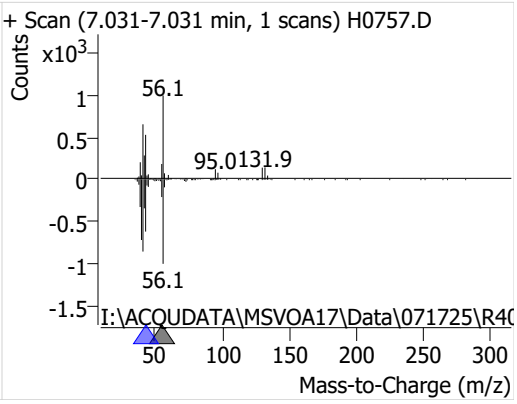


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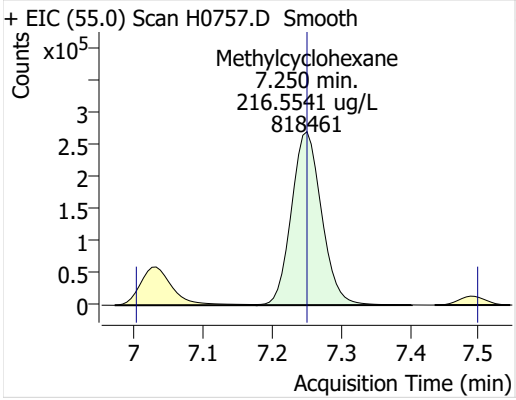
1-Butanol

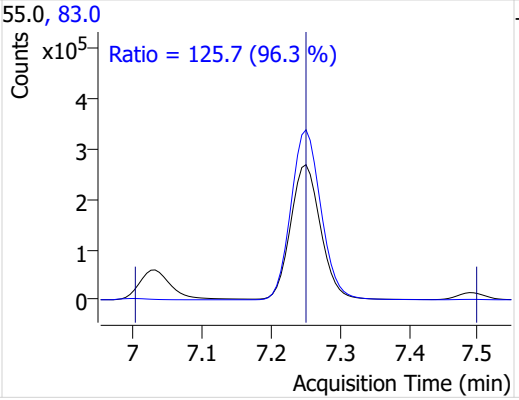


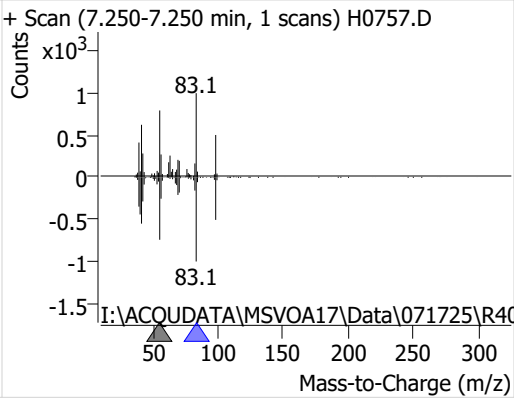




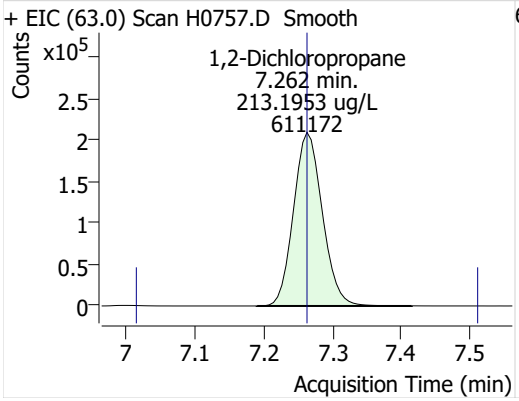
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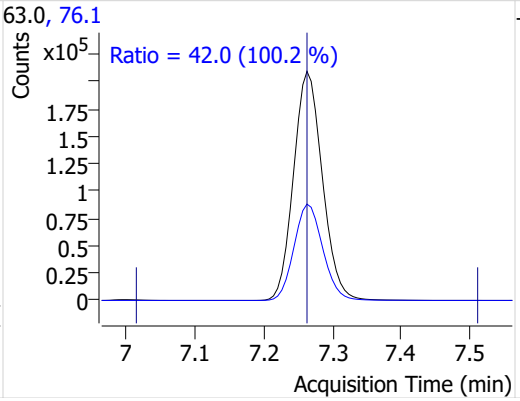


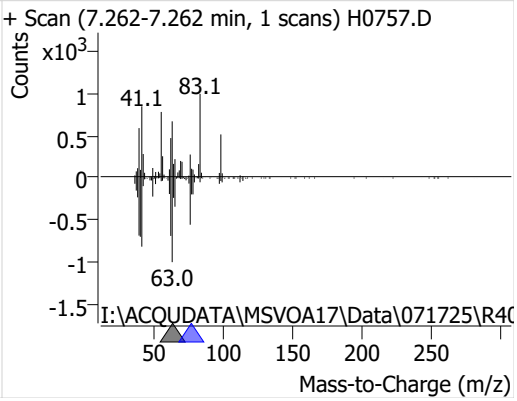




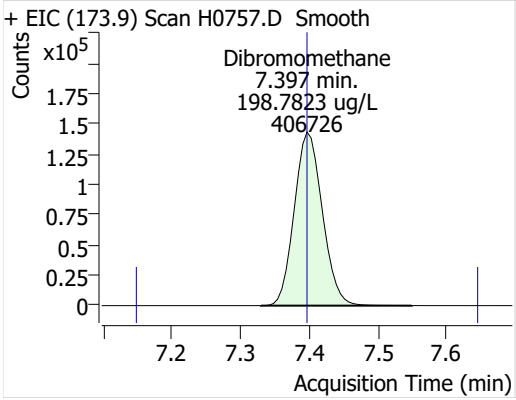
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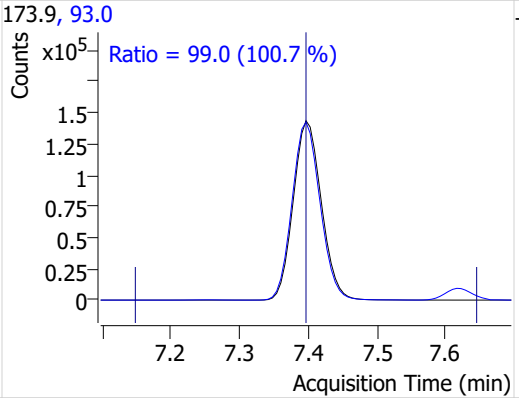


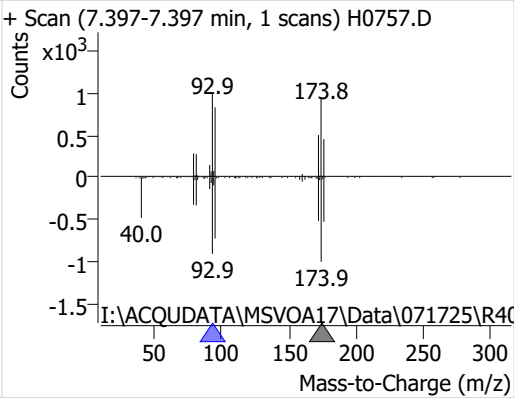




Dibromomethane

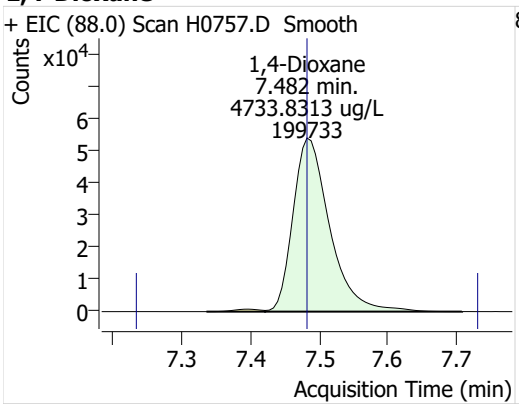


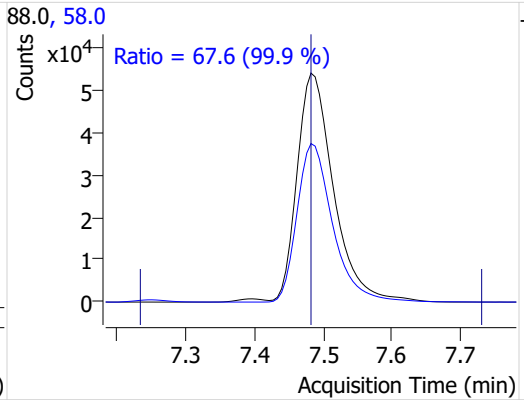


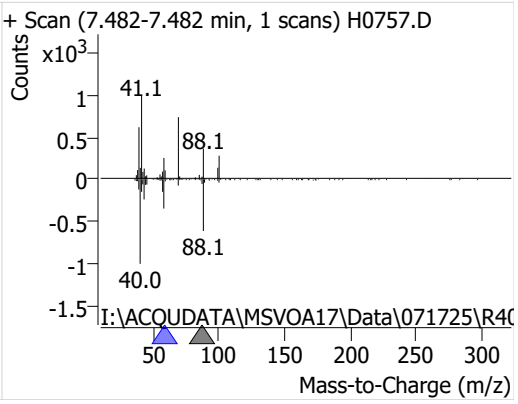


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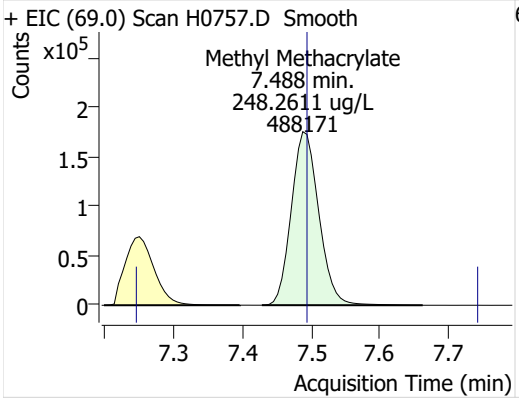
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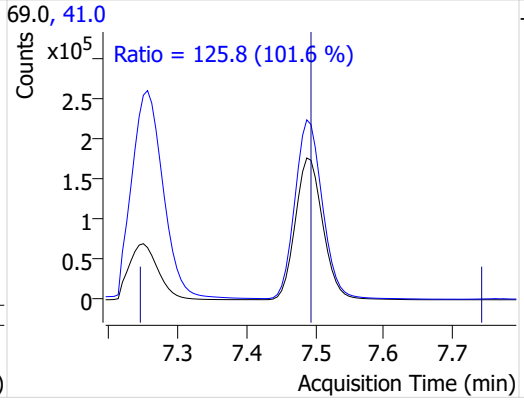


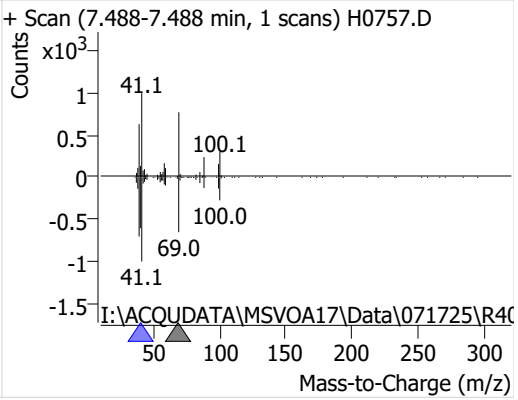




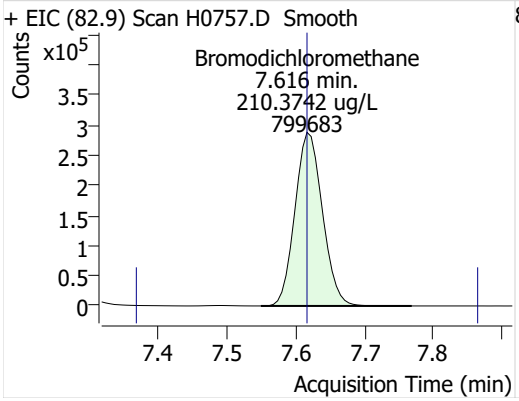
Methyl Methacrylate

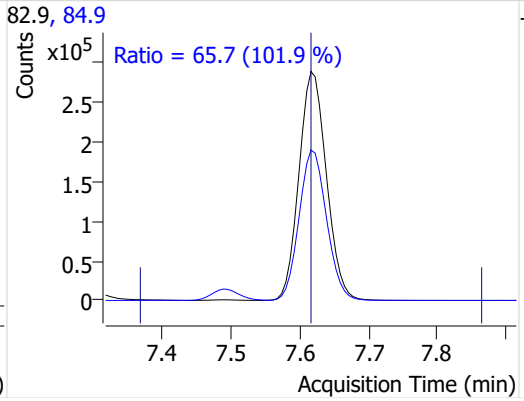


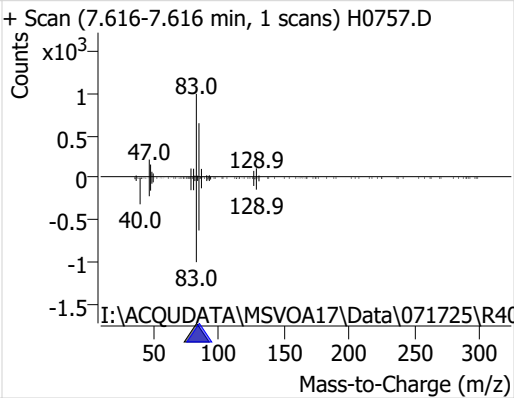




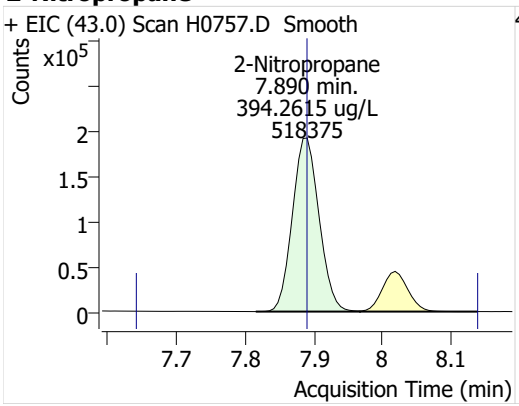
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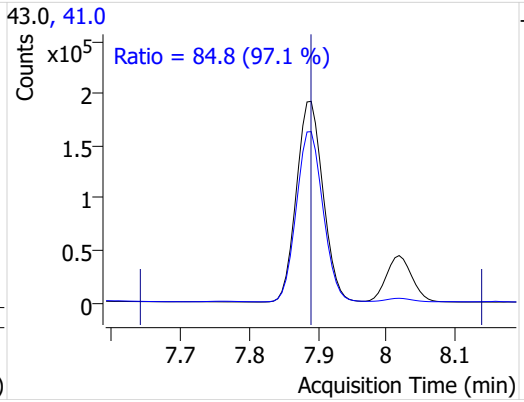


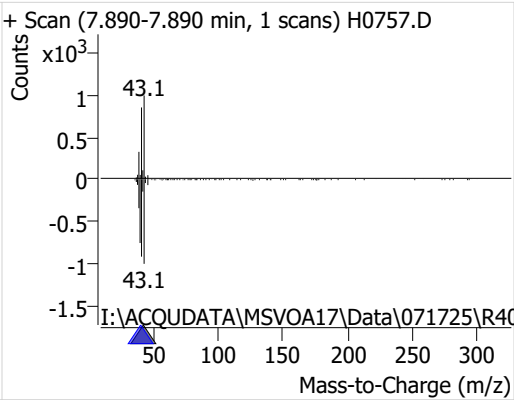




2-Nitropropane

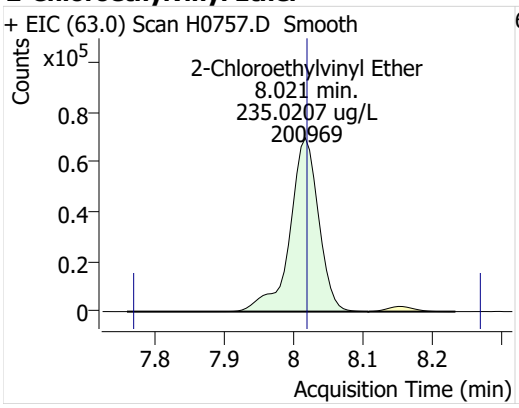


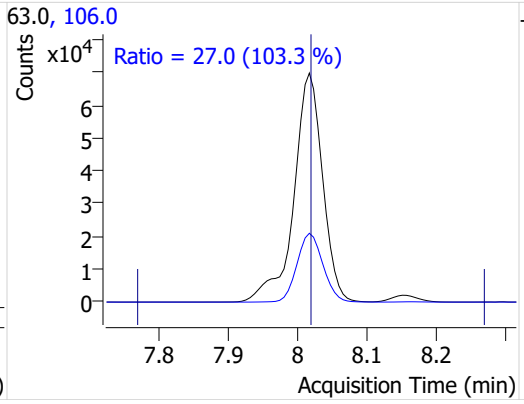


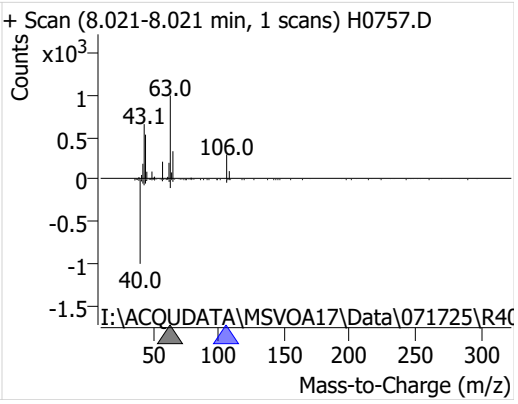


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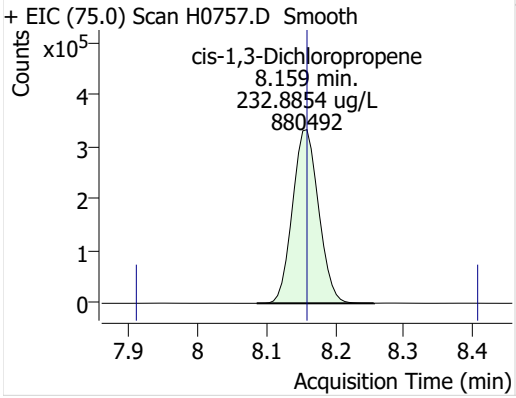
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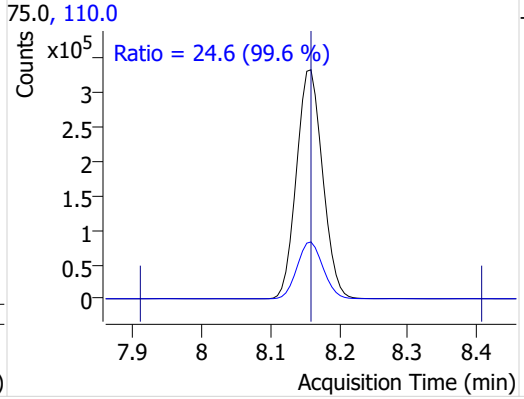


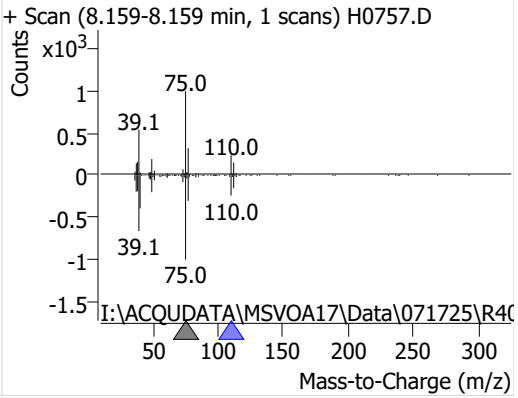




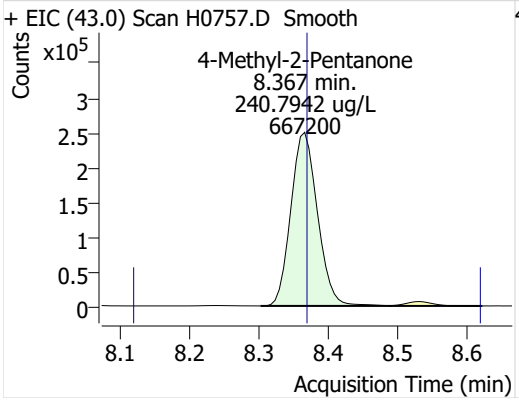
cis-1,3-Dichloropropene

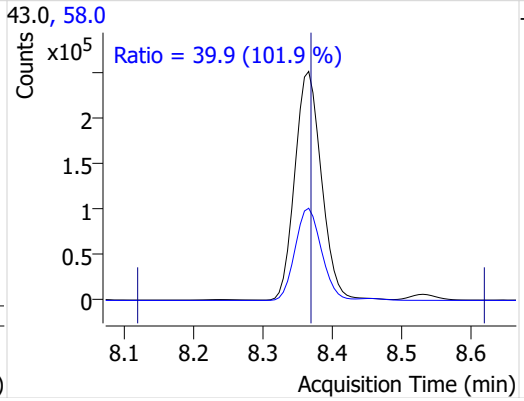


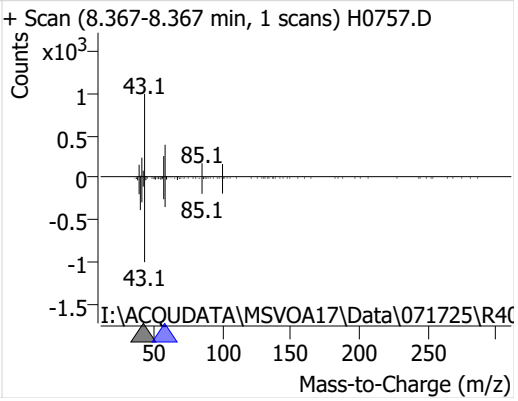




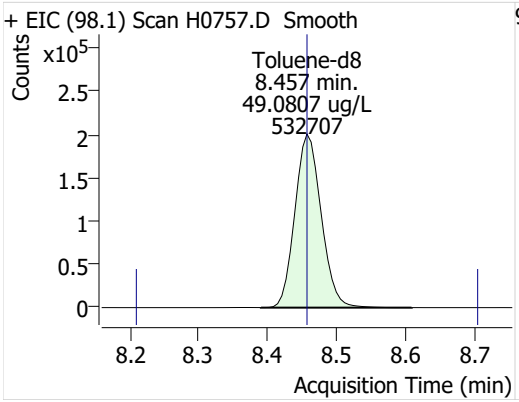
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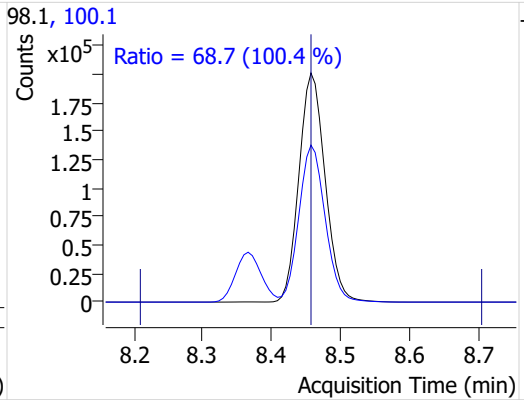


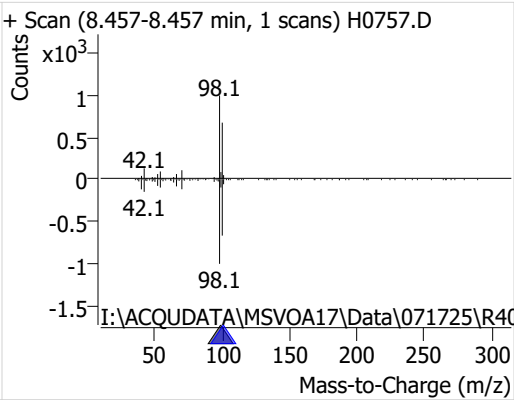




Toluene-d8

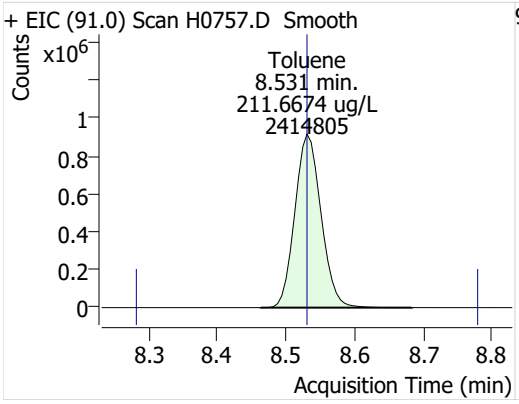


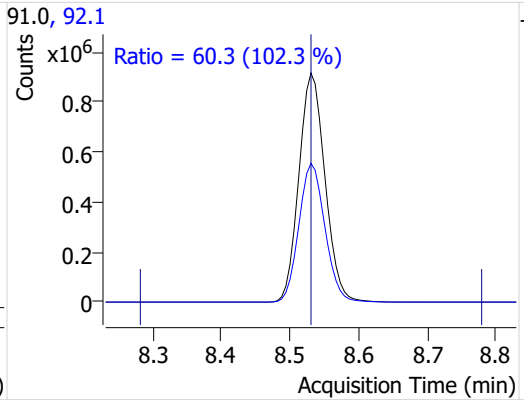


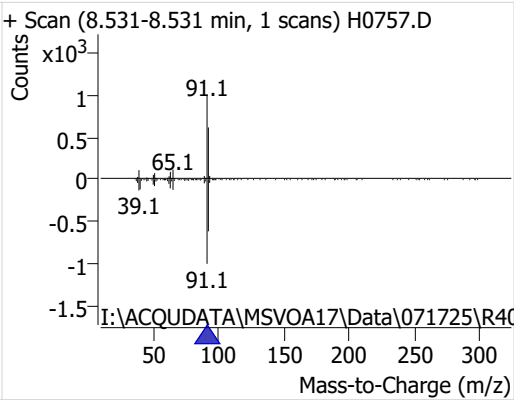


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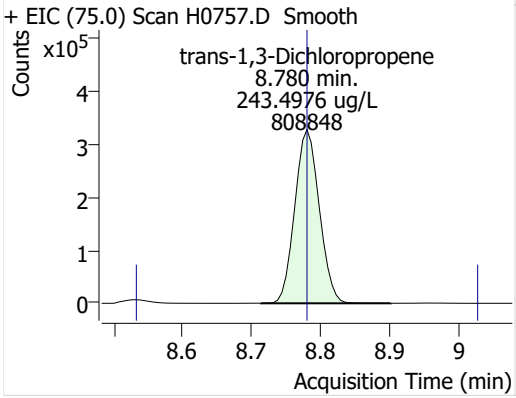
Toluene

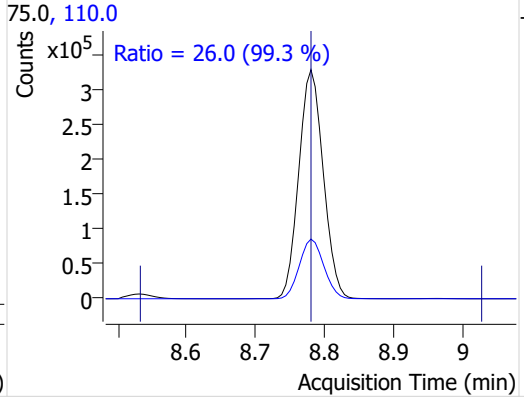


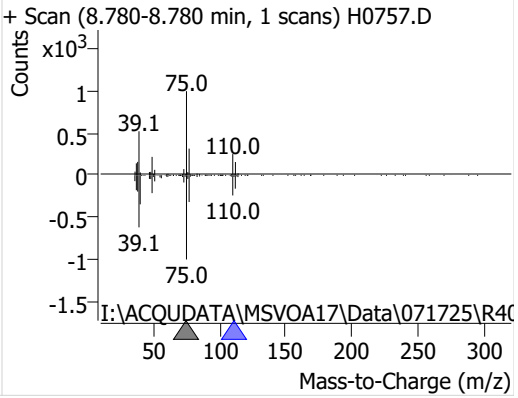




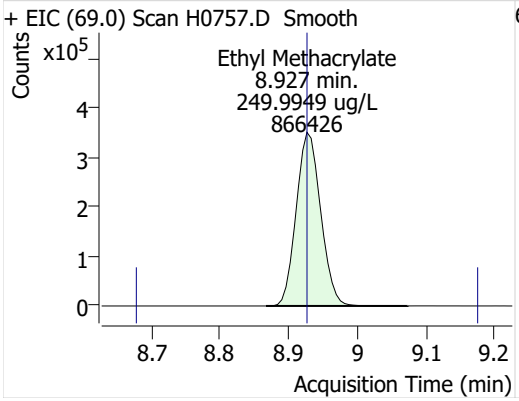
trans-1,3-Dichloropropene

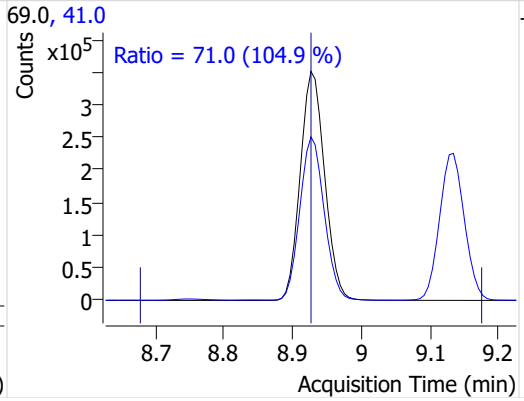


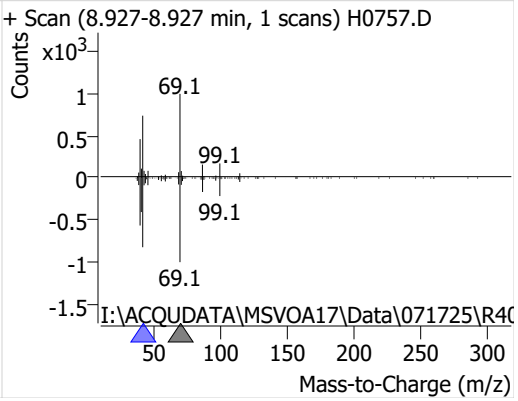




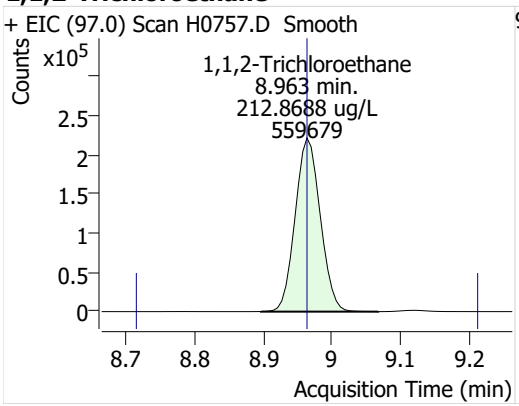
Ethyl Methacrylate

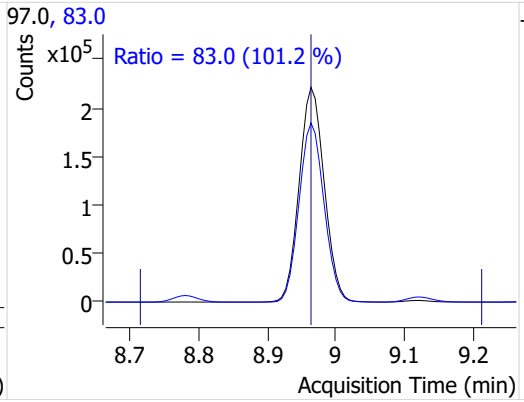


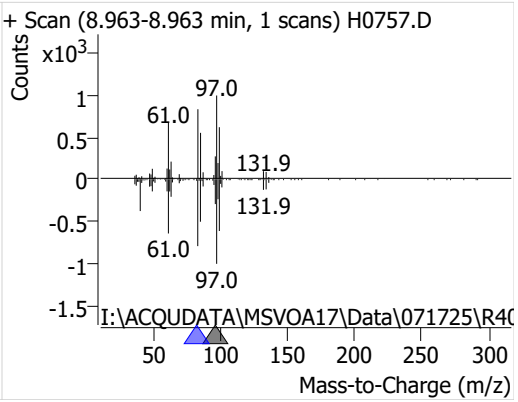




1,1,2-Trichloroethane

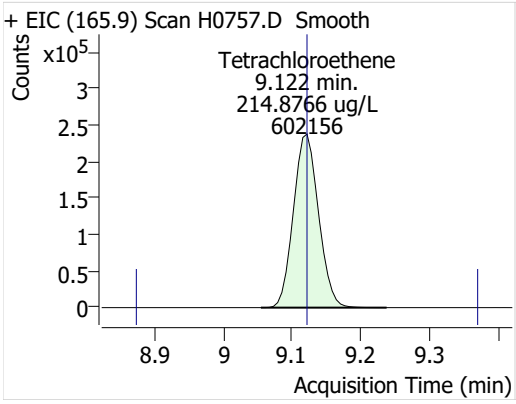


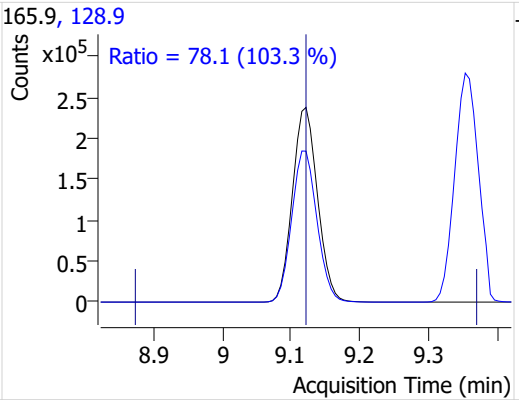


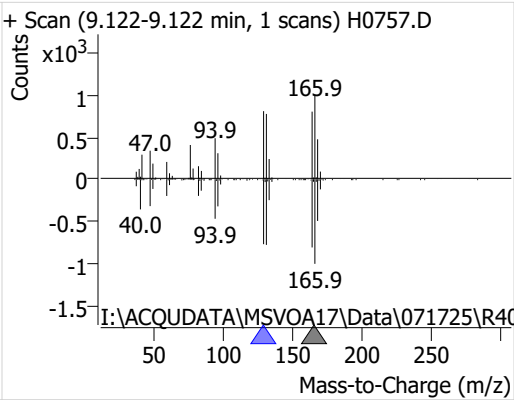


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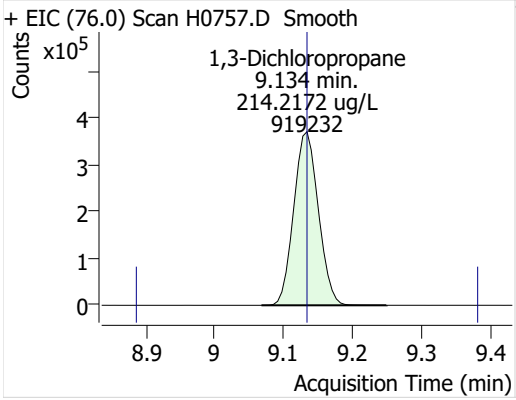
Tetrachloroethene

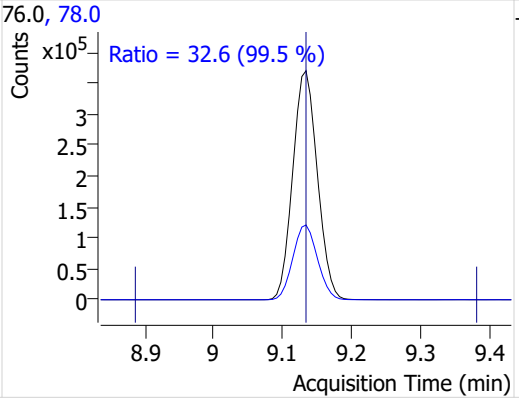


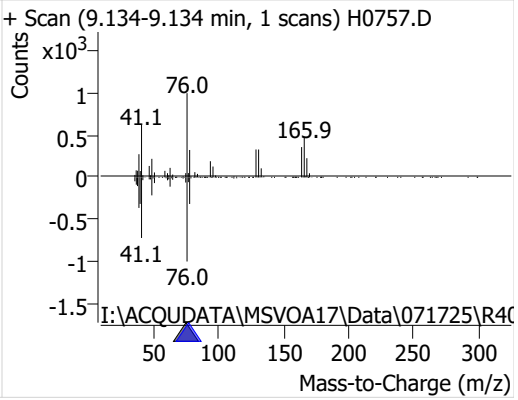




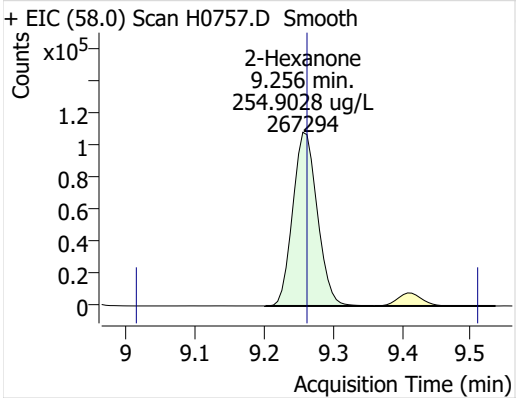
1,3-Dichloropropane

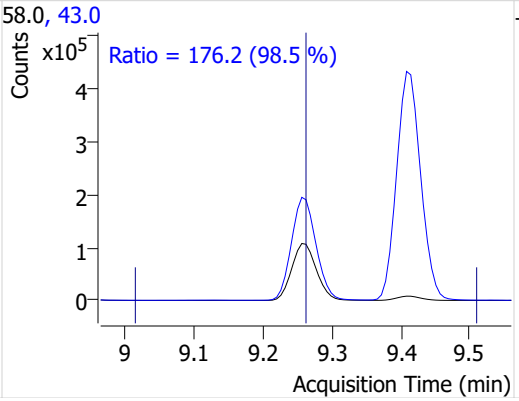


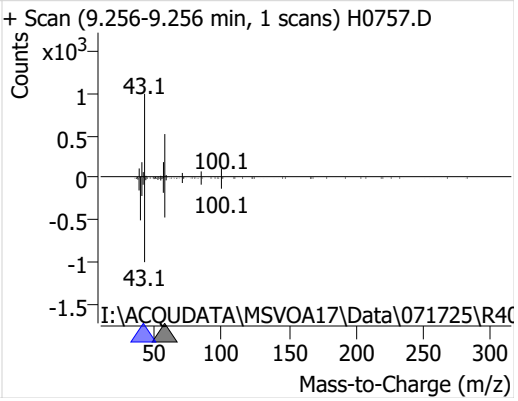




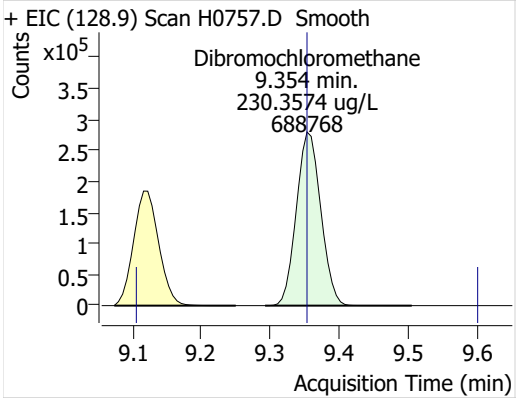
2-Hexanone

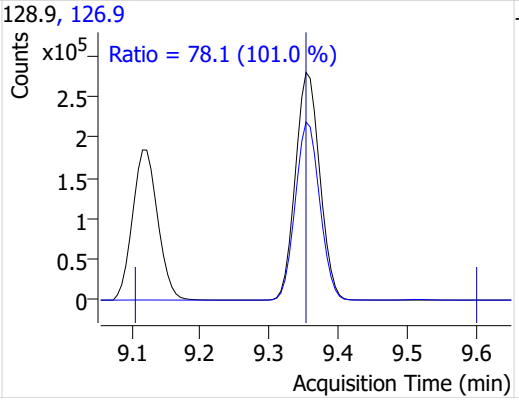


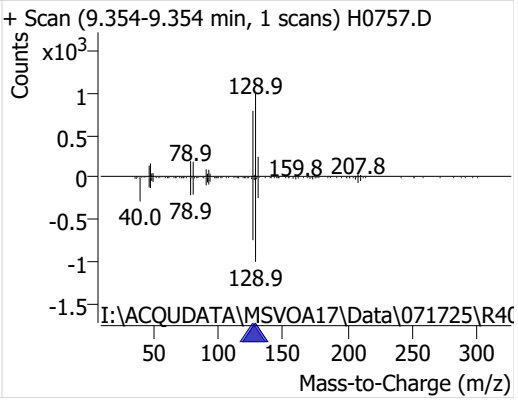




Dibromochloromethane

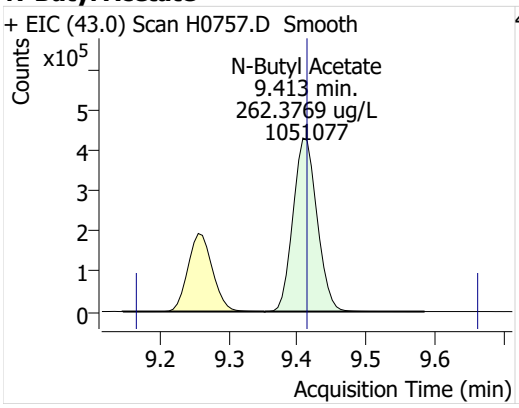


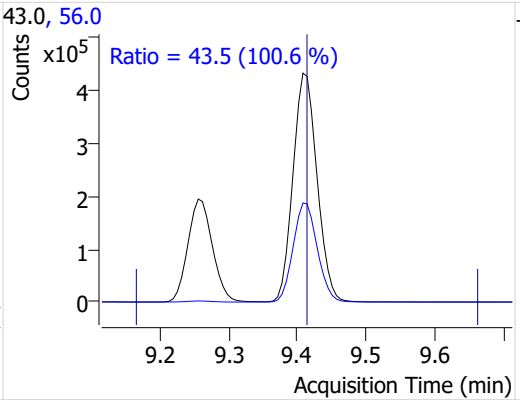


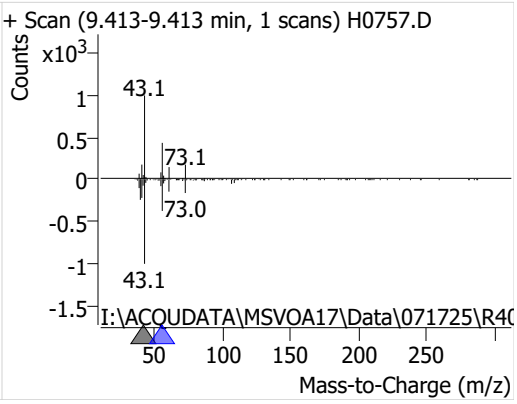


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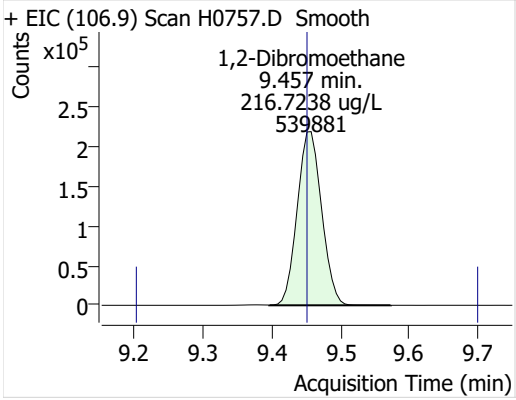
N-Butyl Acetate

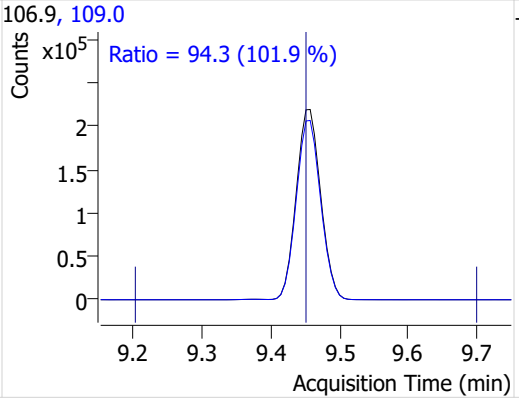


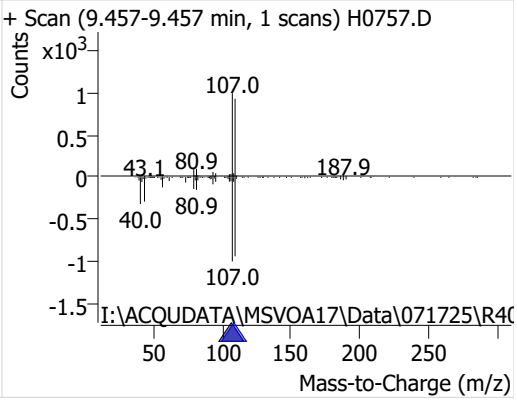




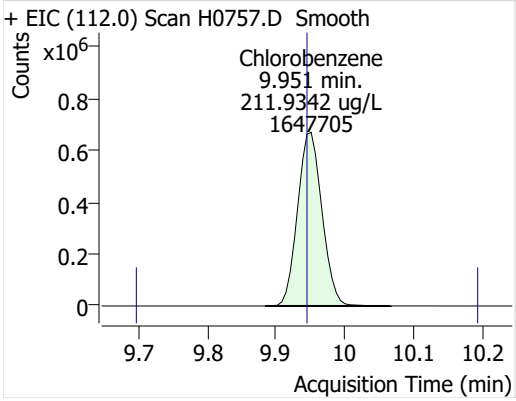
1,2-Dibromoethane

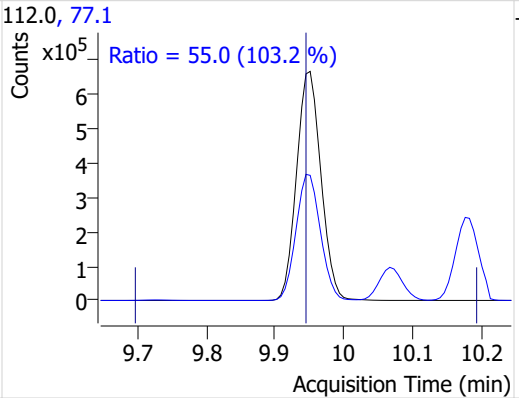


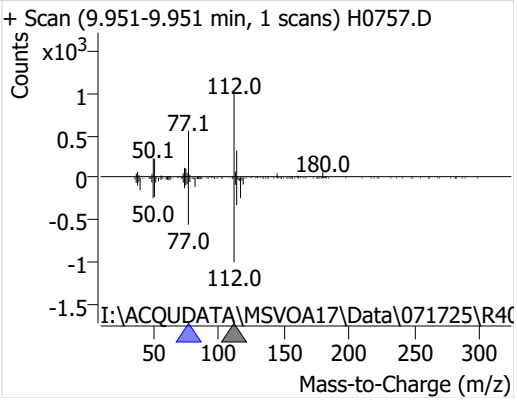




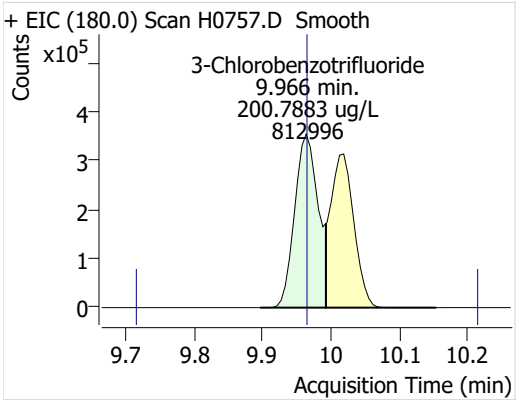
Chlorobenzene

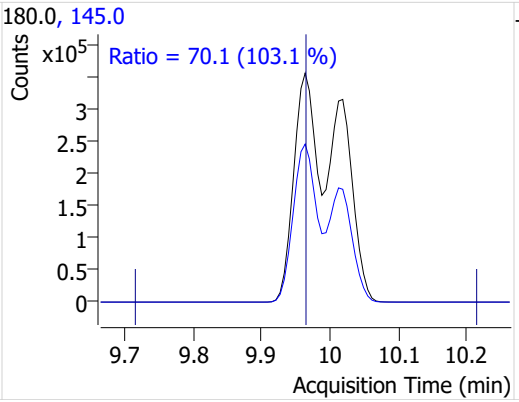


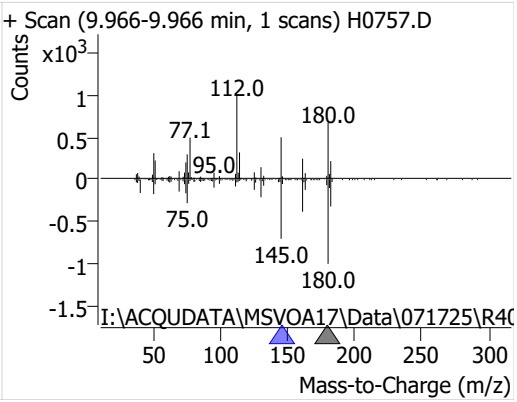




3-Chlorobenzotrifluoride

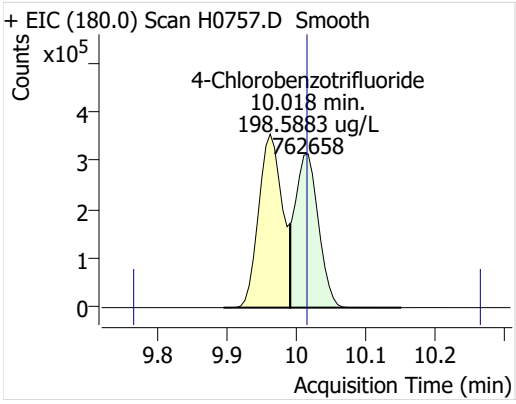


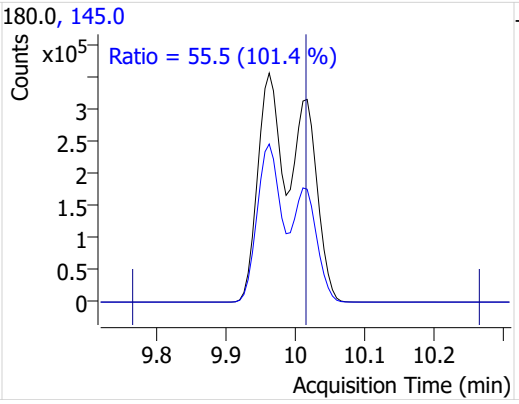


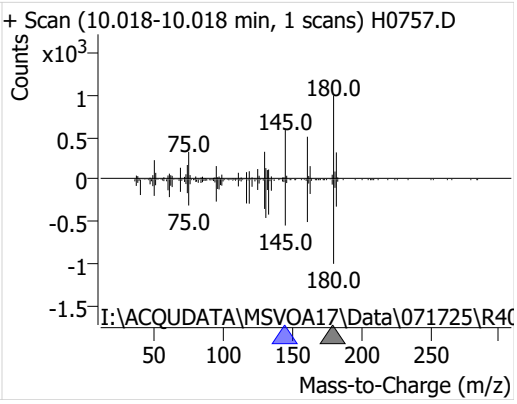


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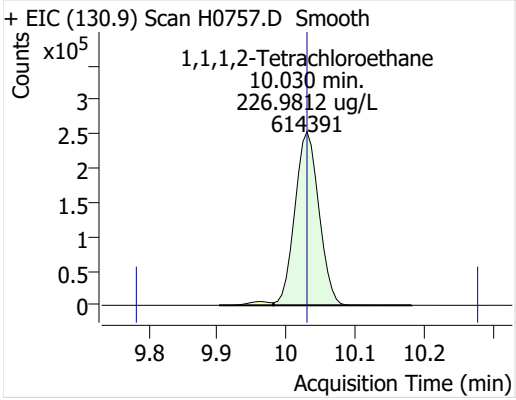
4-Chlorobenzotrifluoride

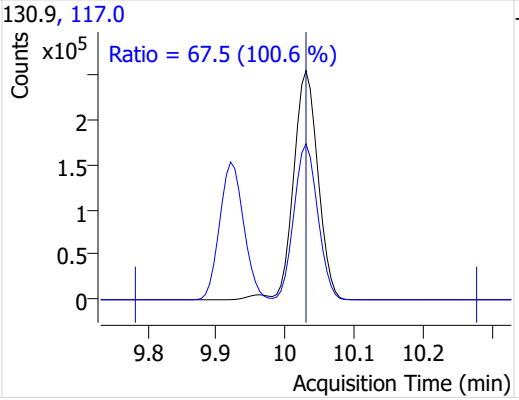


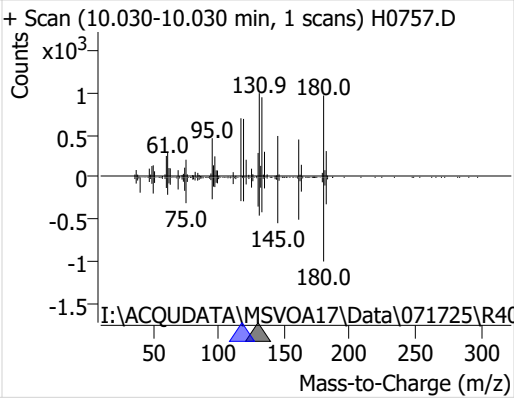




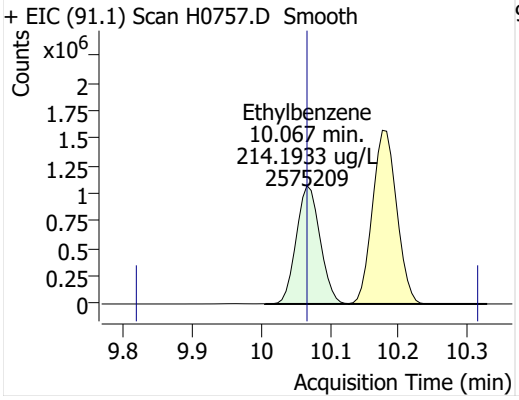
1,1,1,2-Tetrachloroethane

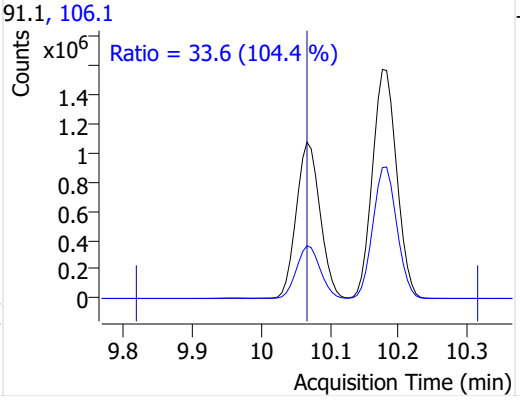


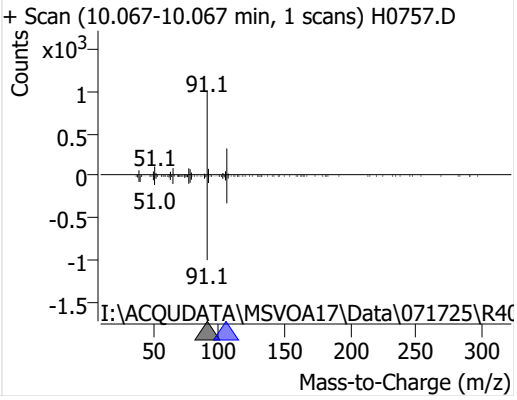




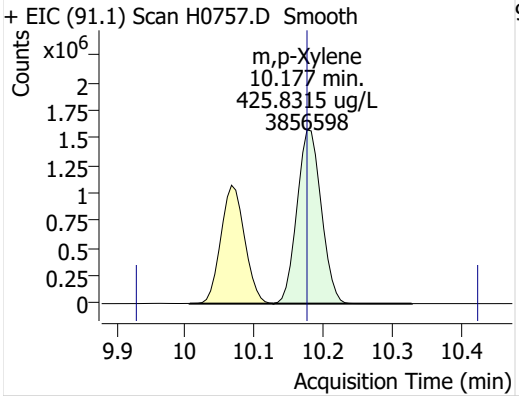
Ethylbenzene

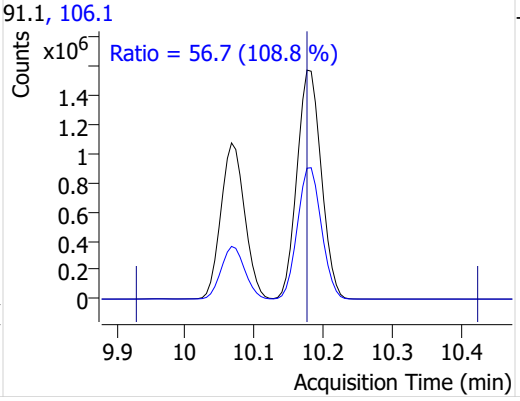


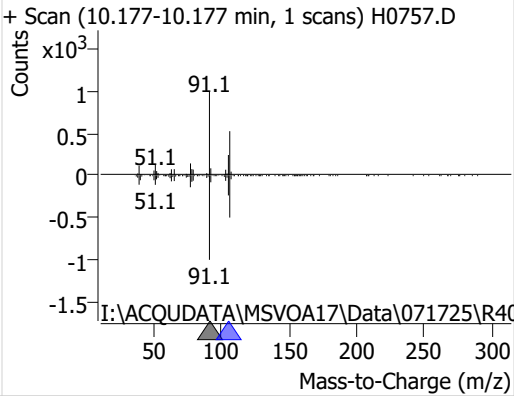




m,p-Xylene

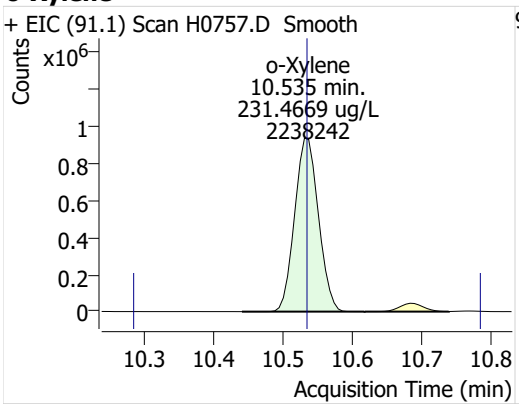


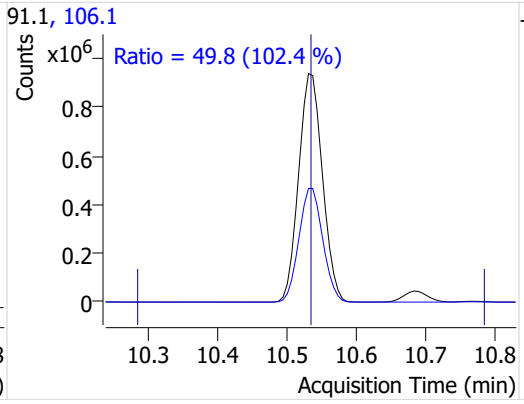


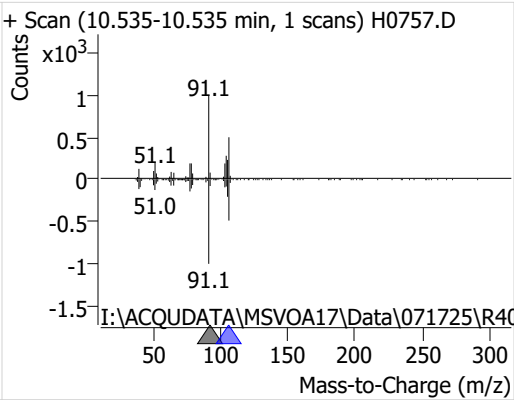


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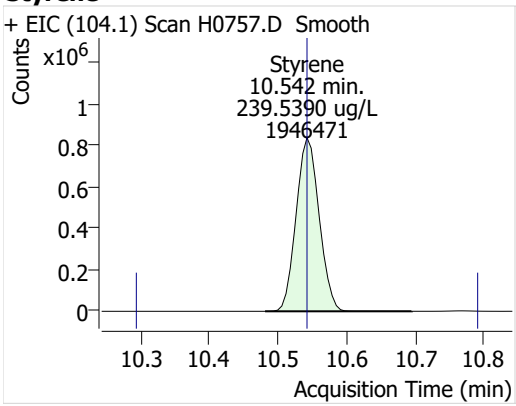
o-Xylene

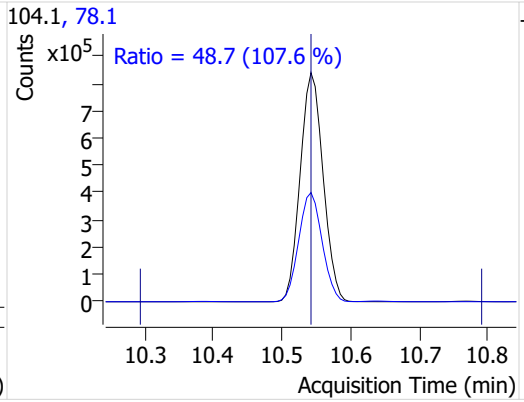


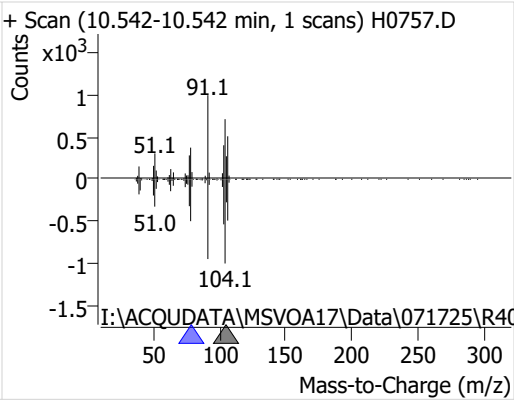




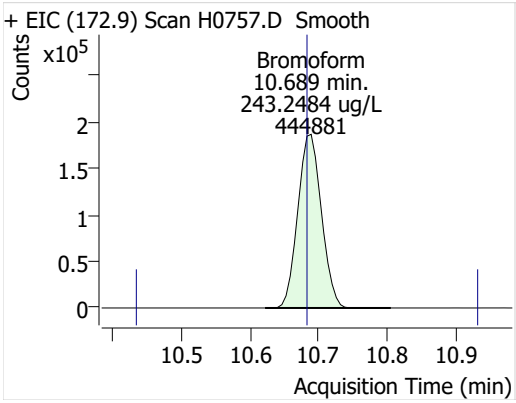
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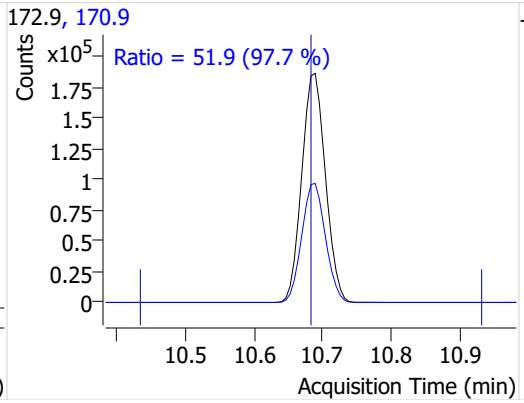


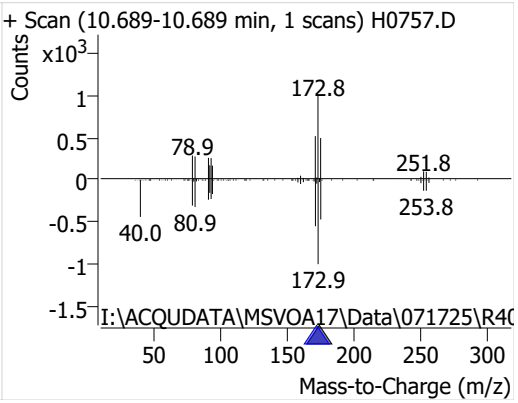




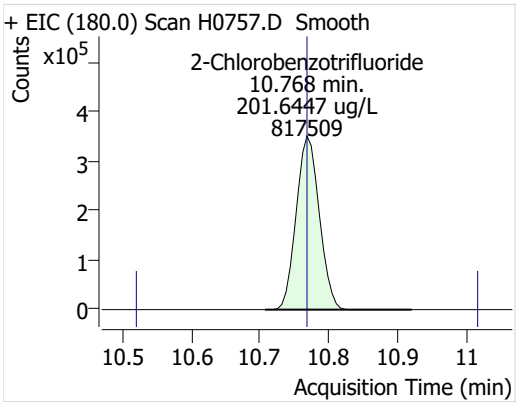
Bromoform

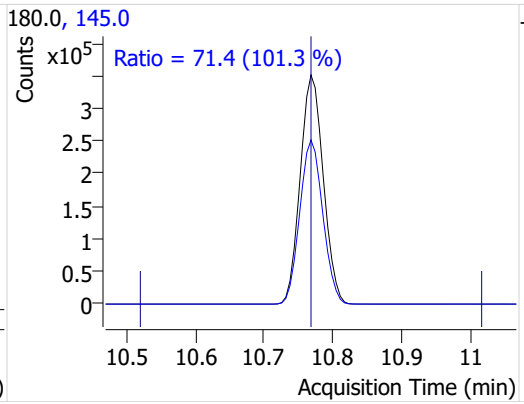


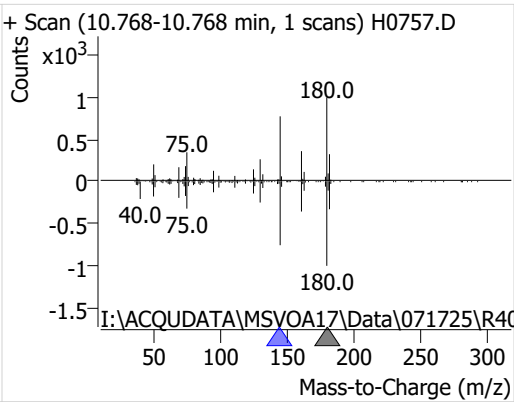




2-Chlorobenzotrifluoride

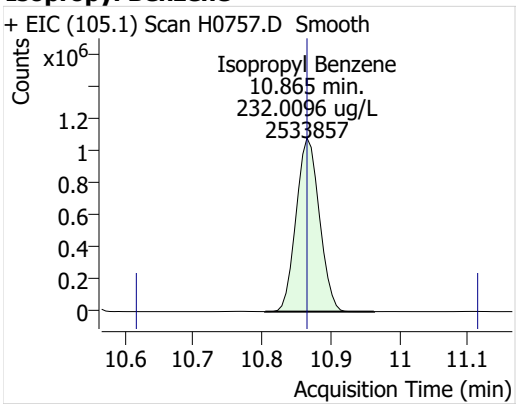


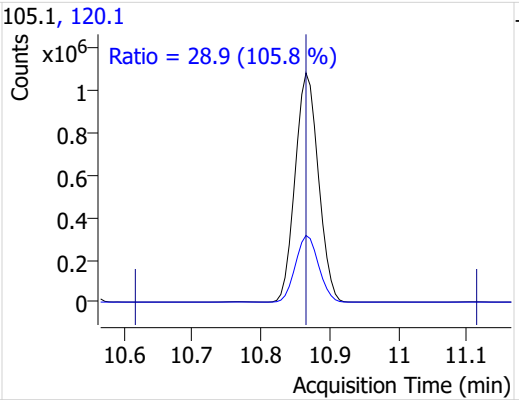


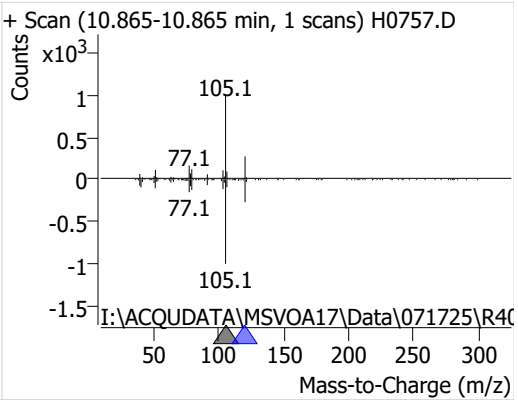


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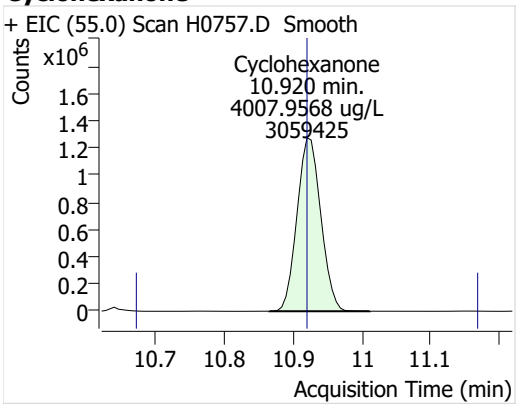
Isopropyl Benzene

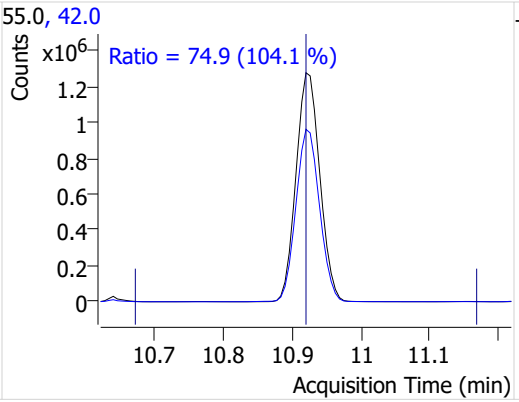


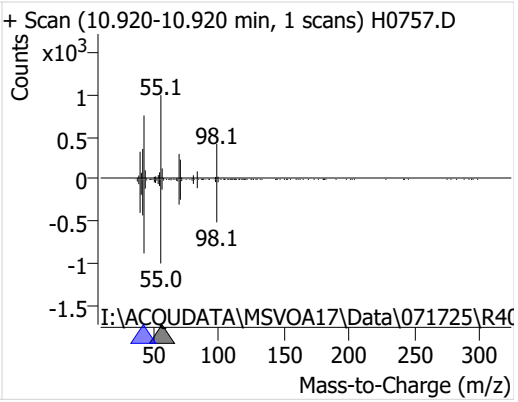




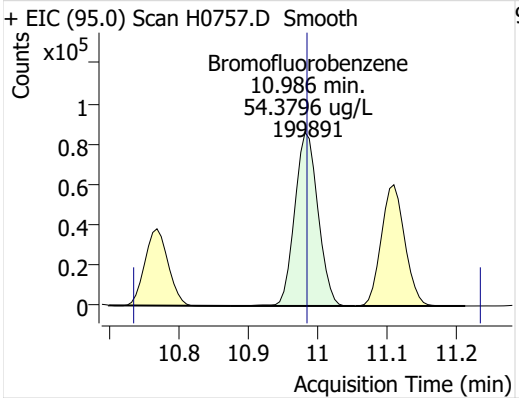
Cyclohexanone

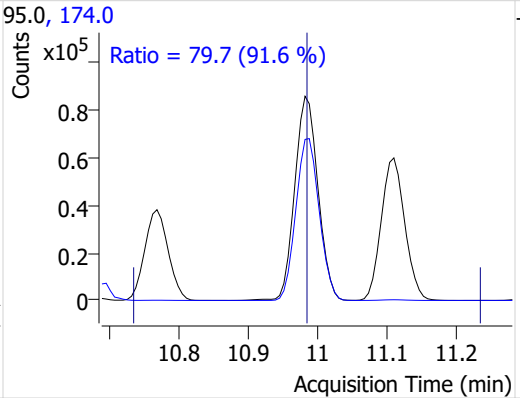


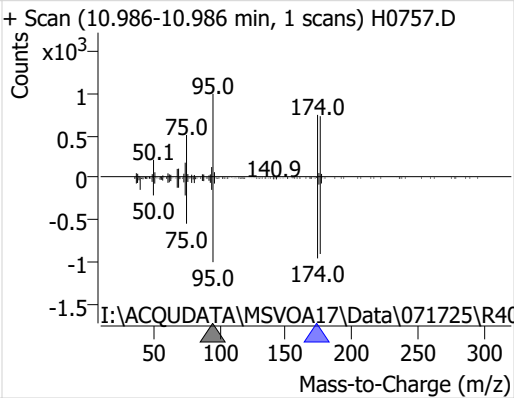




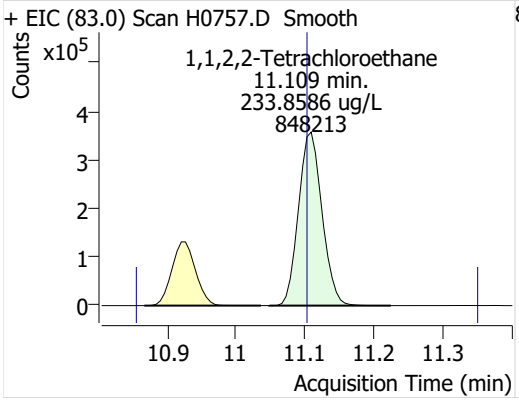
Bromofluorobenzene

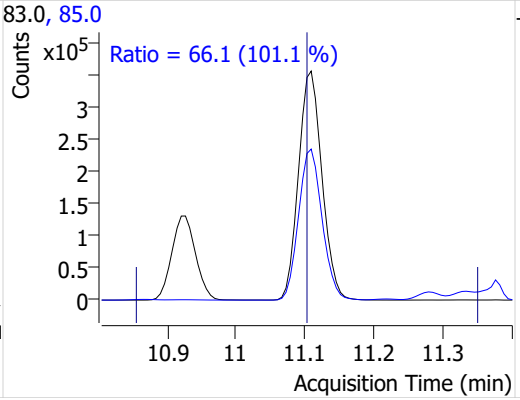


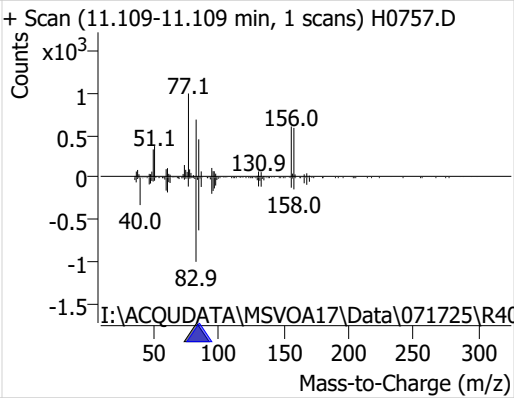




1,1,2,2-Tetrachloroethane

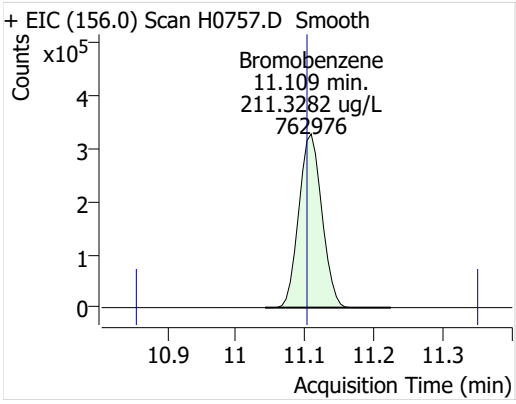


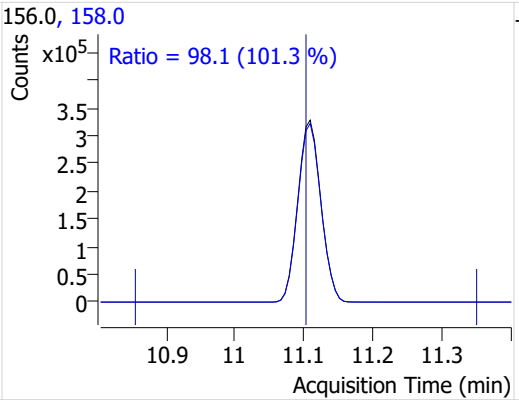


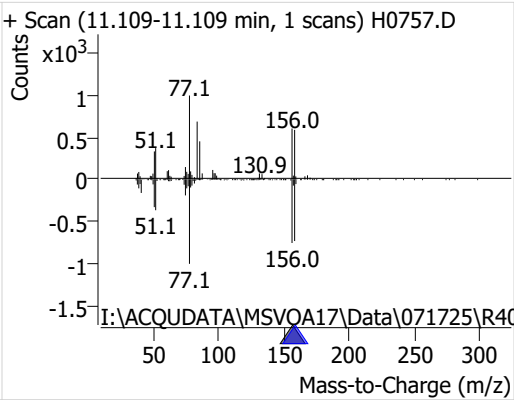


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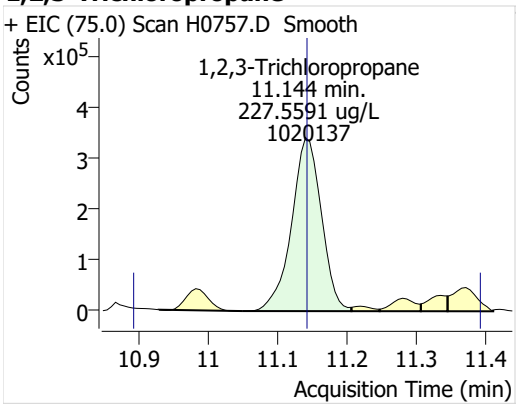
Bromobenzene

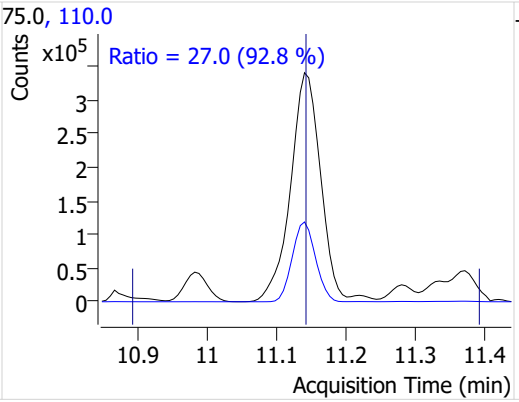


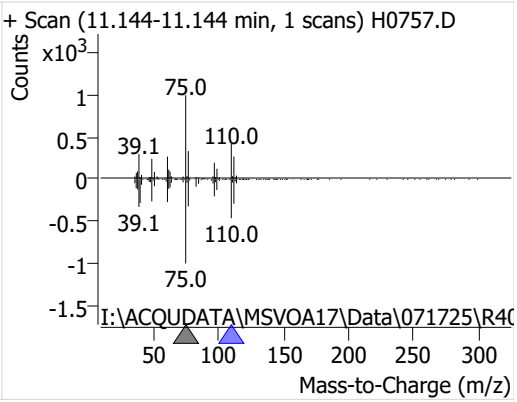




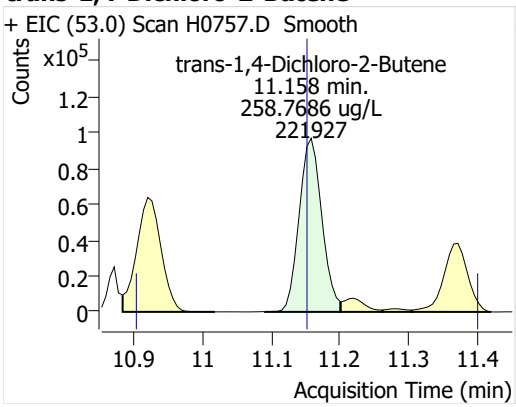
1,2,3-Trichloropropane

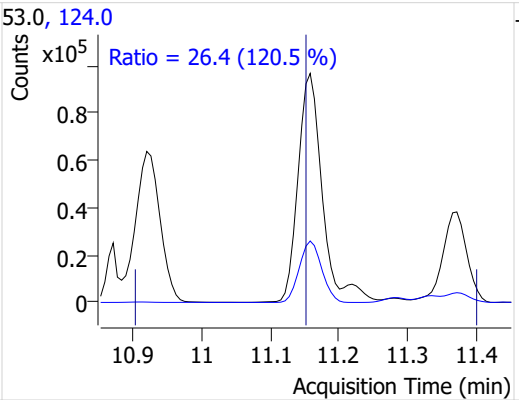


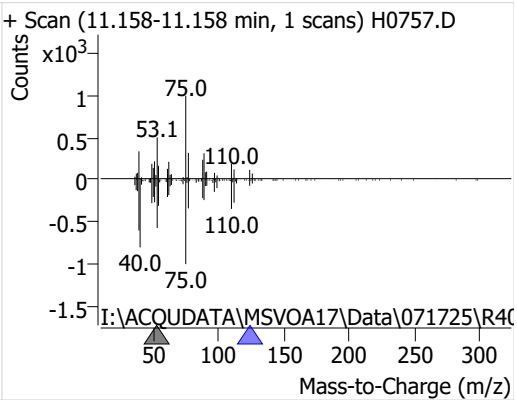




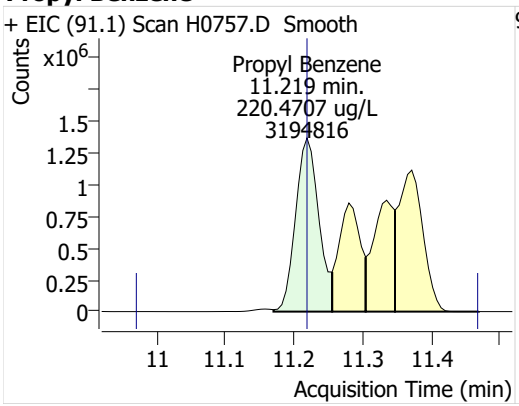
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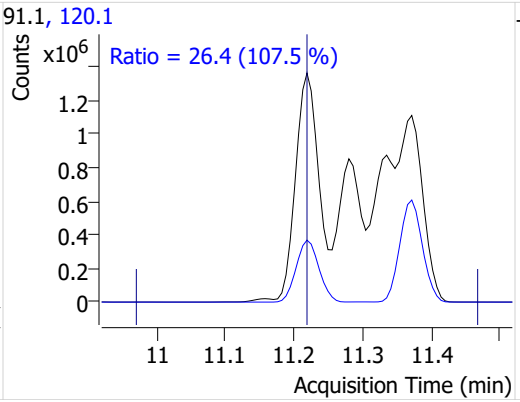


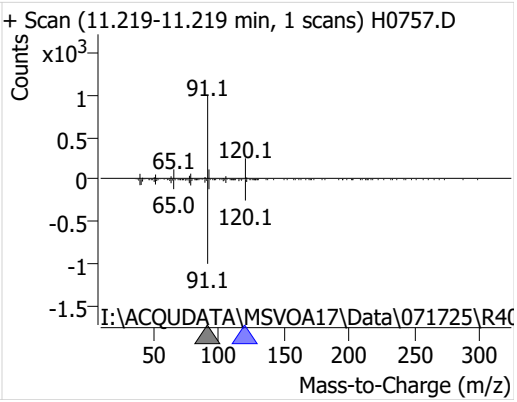




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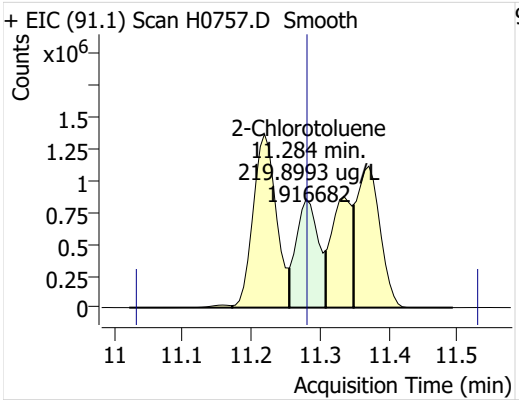


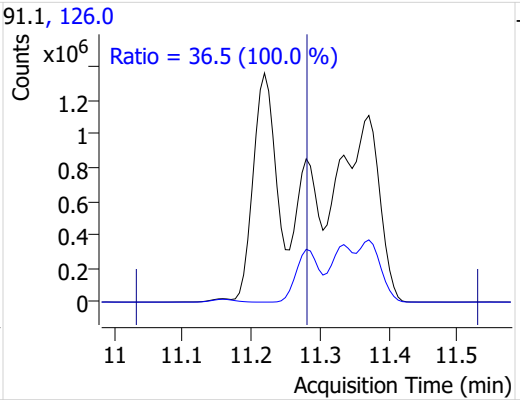


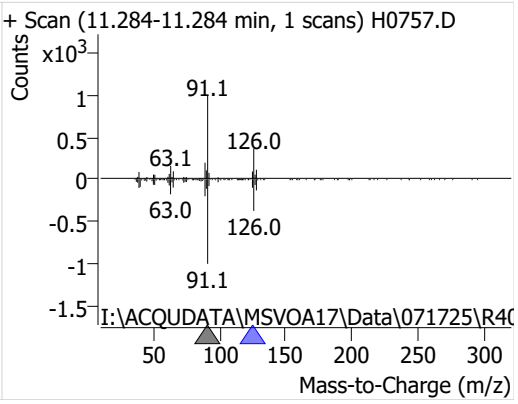


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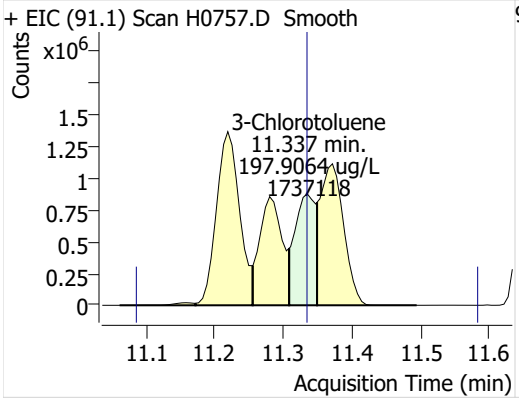
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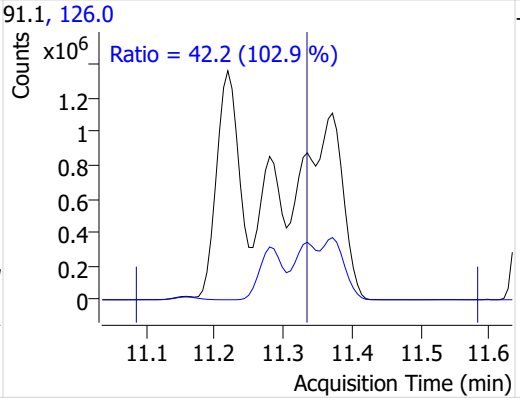


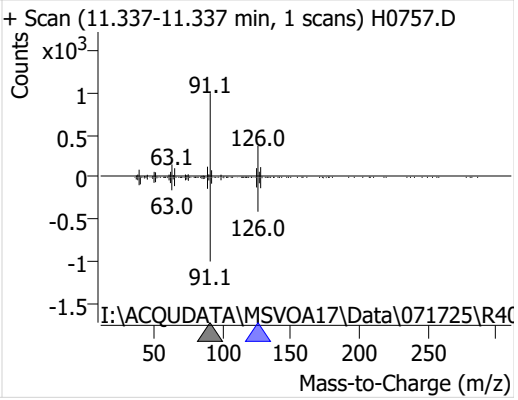




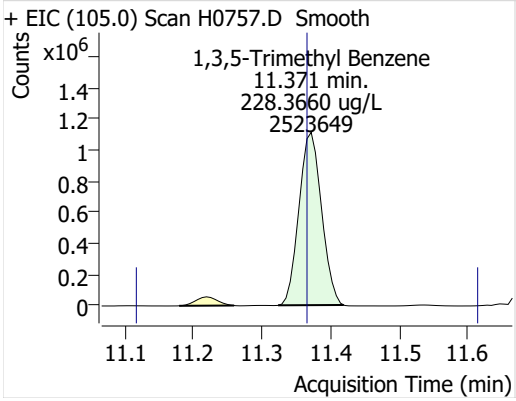
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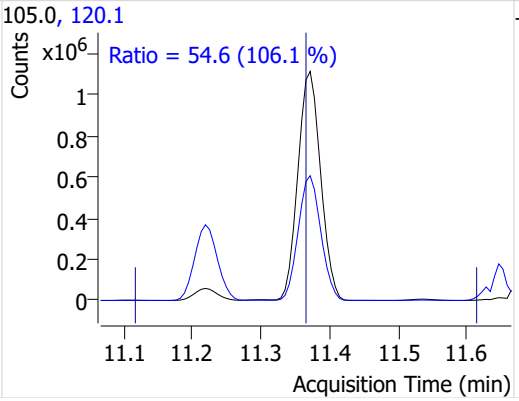


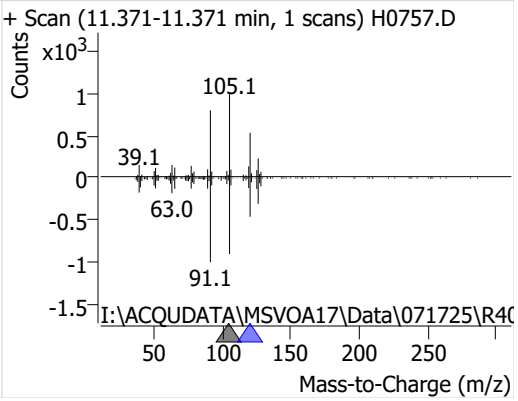




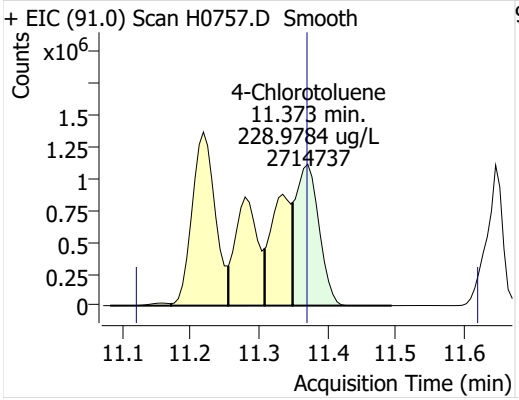
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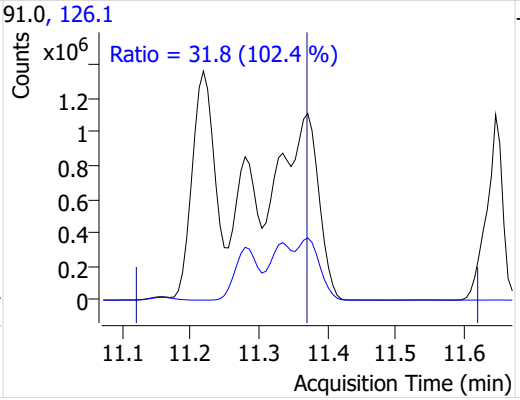


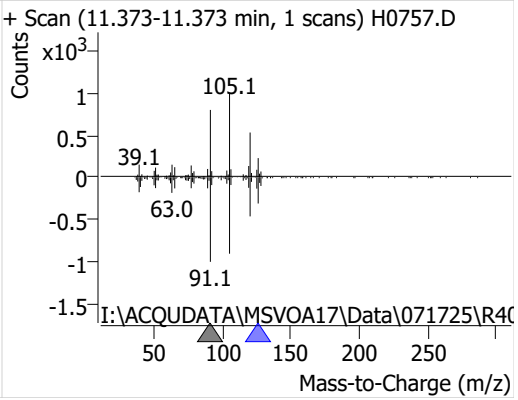




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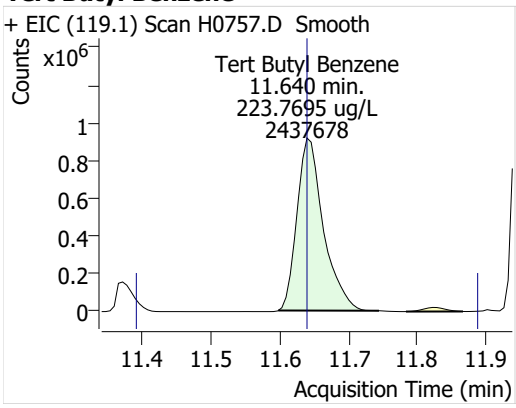


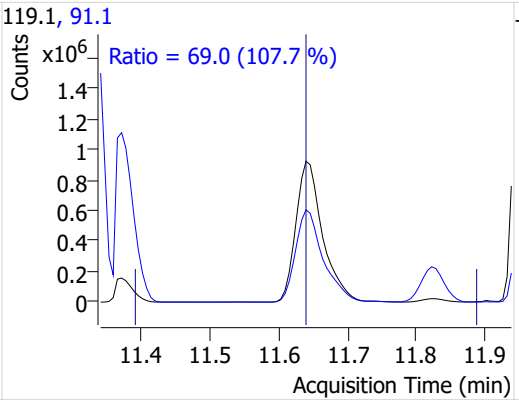


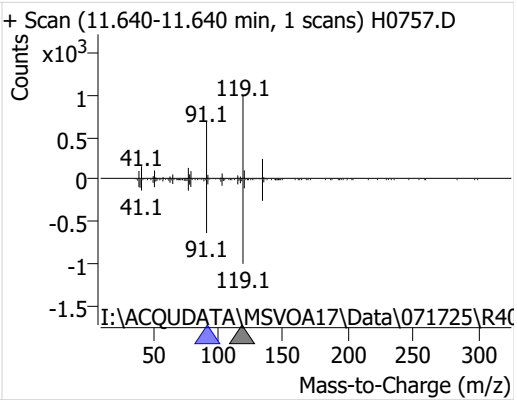


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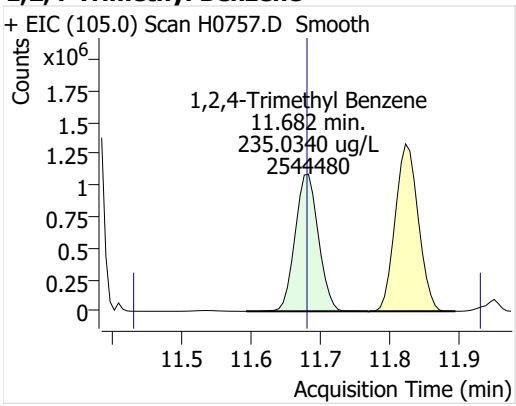
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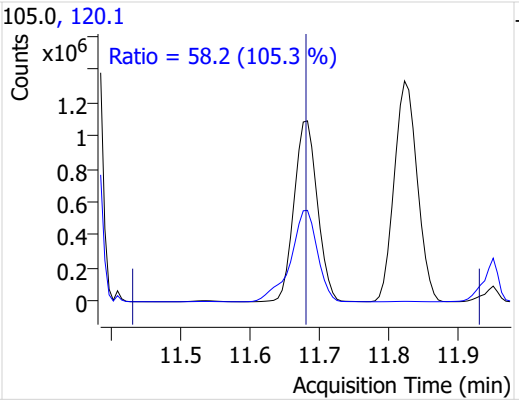


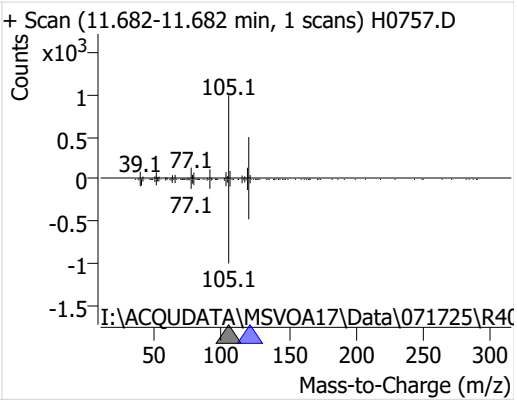




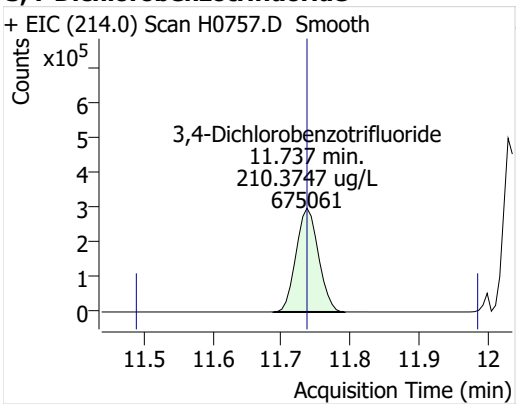
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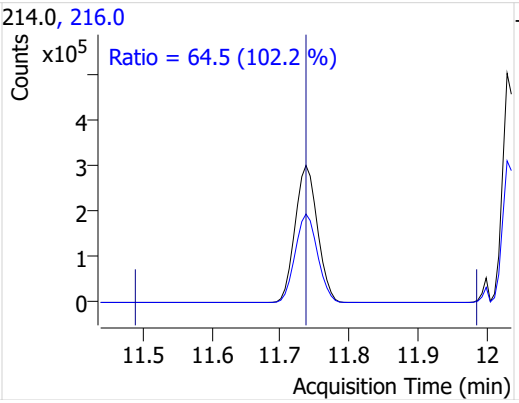


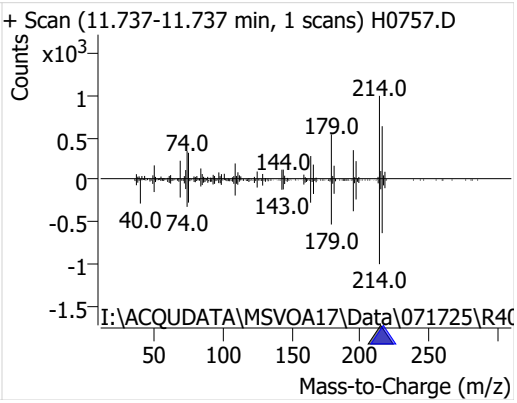




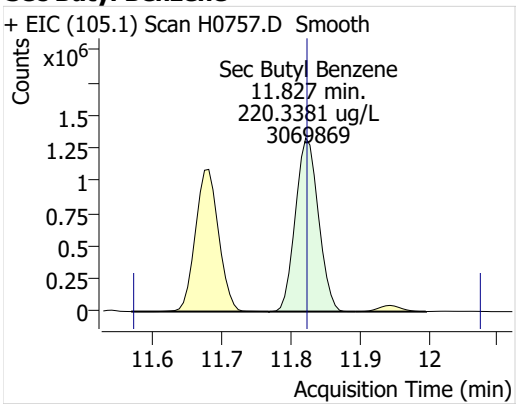
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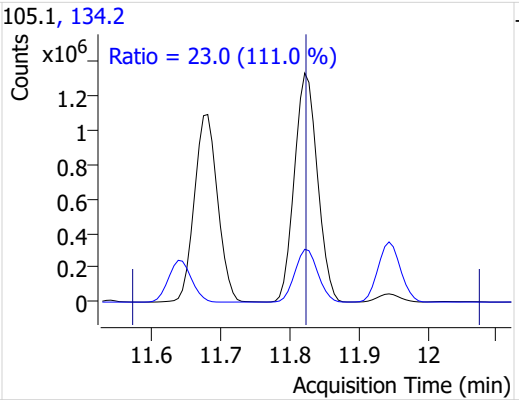


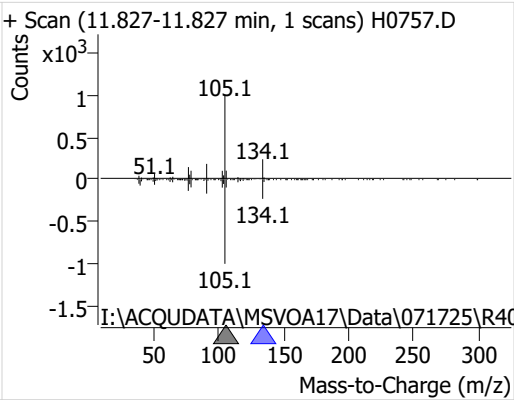




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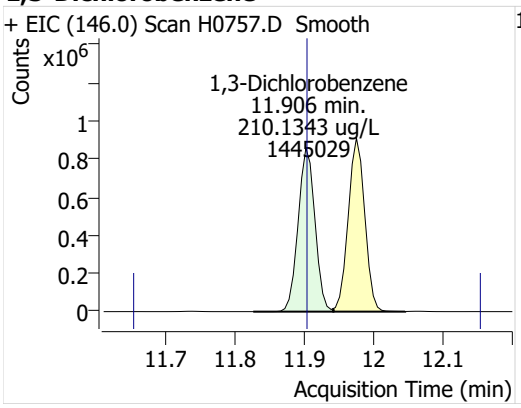


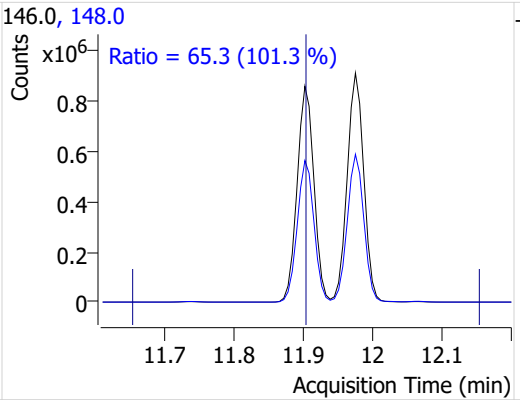


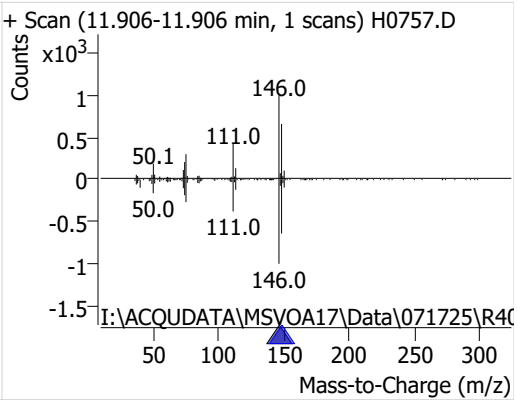


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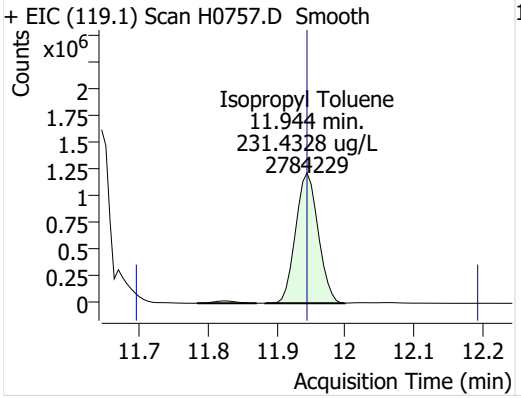
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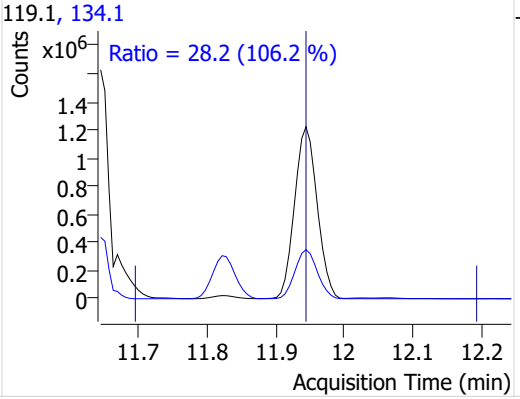


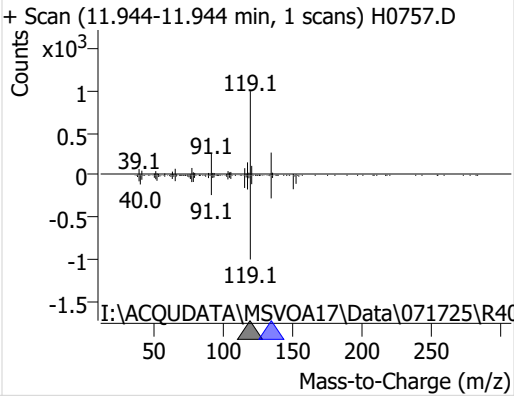




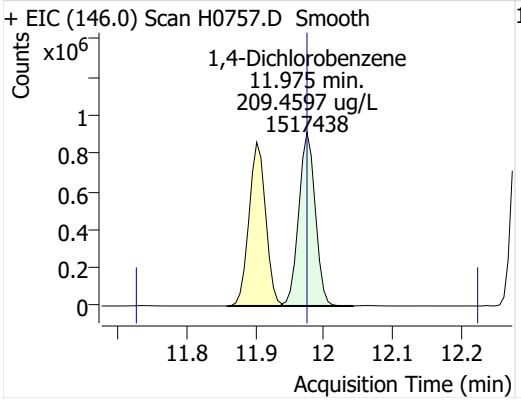
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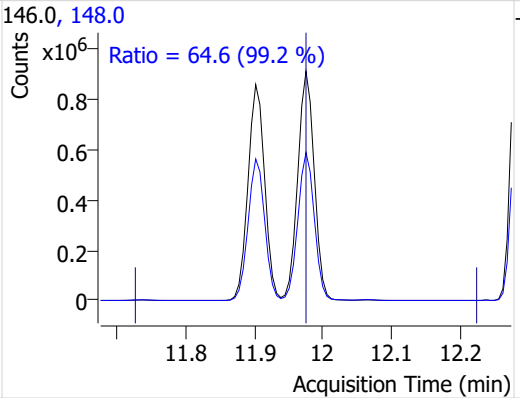


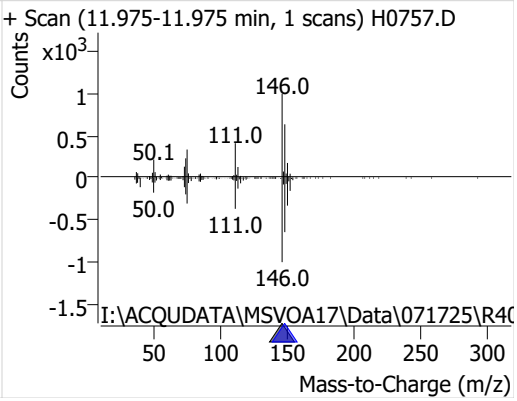




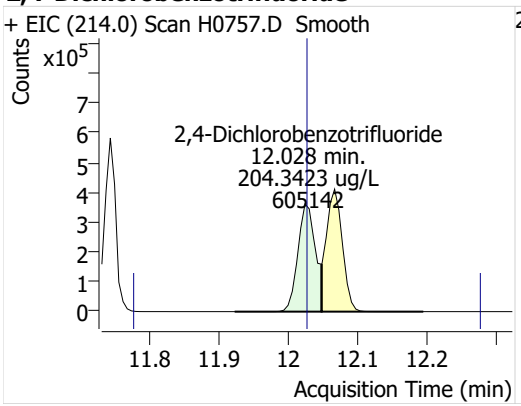
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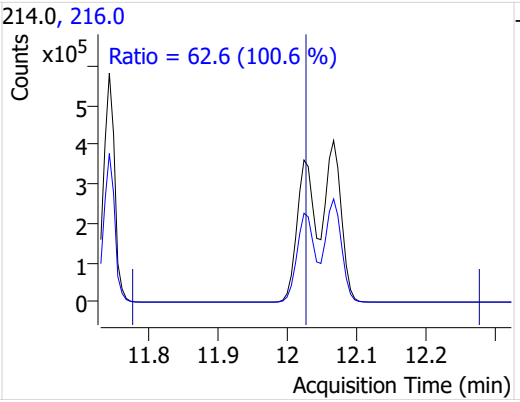


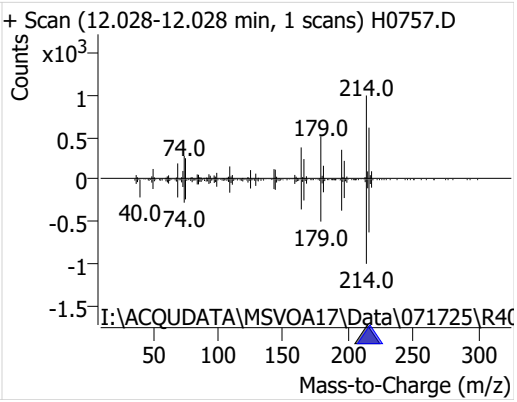




2,4-Dichlorobenzotrifluoride

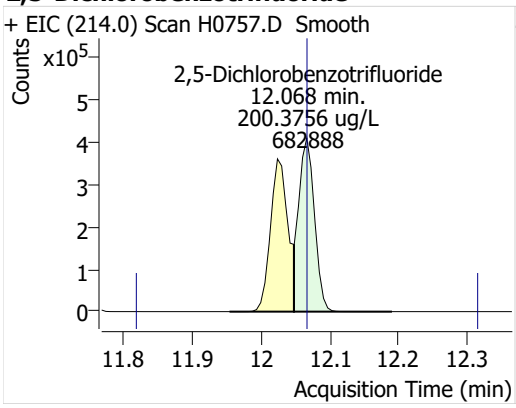


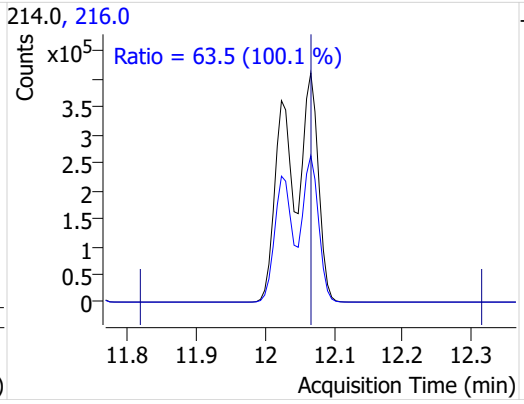


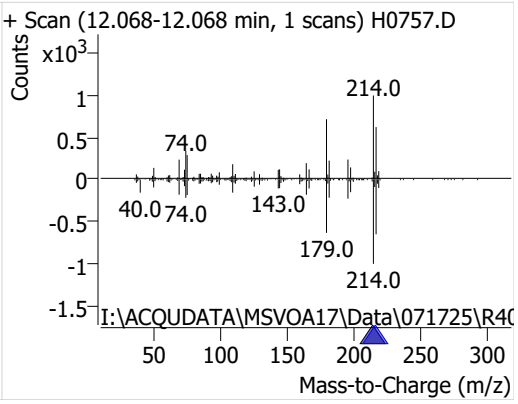


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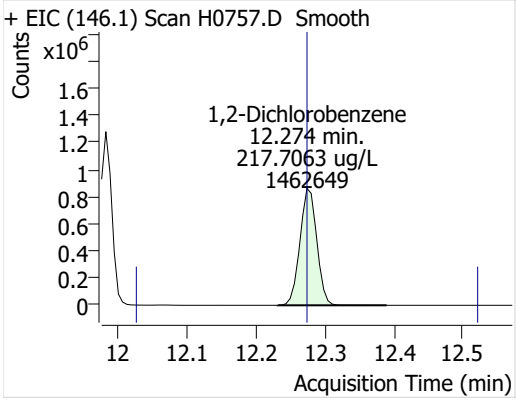
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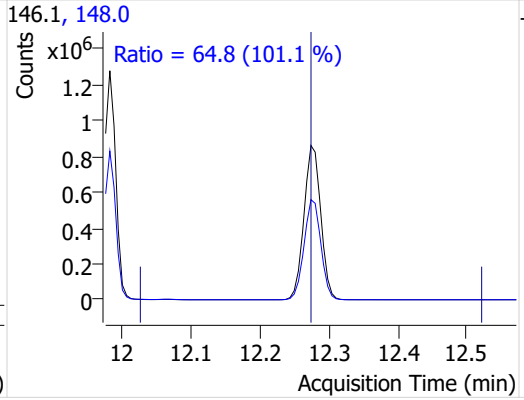


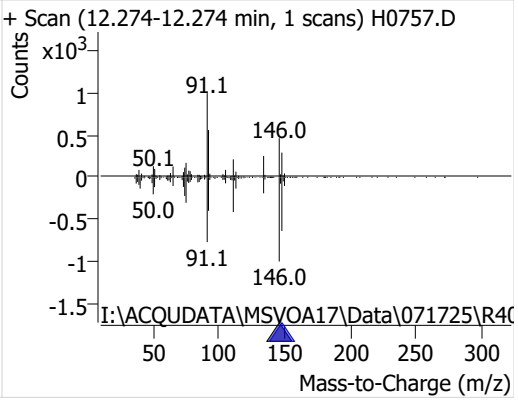




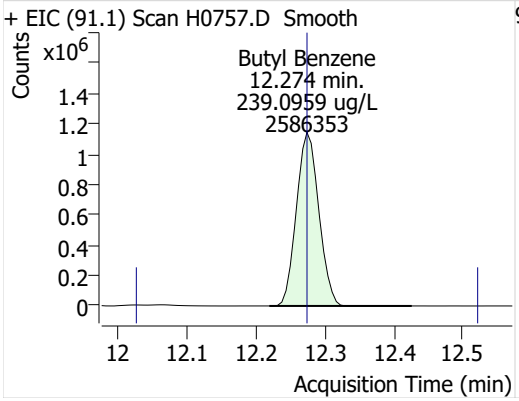
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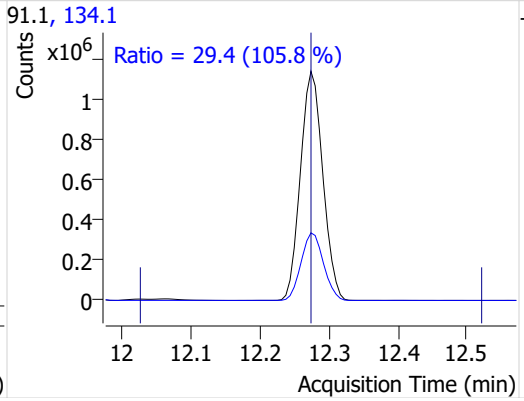


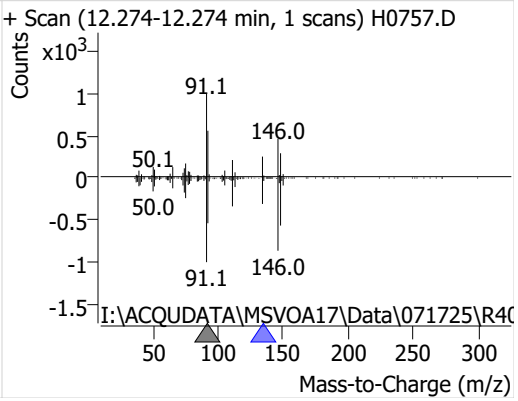




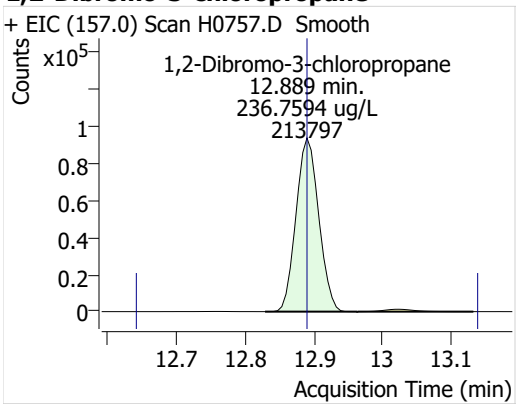
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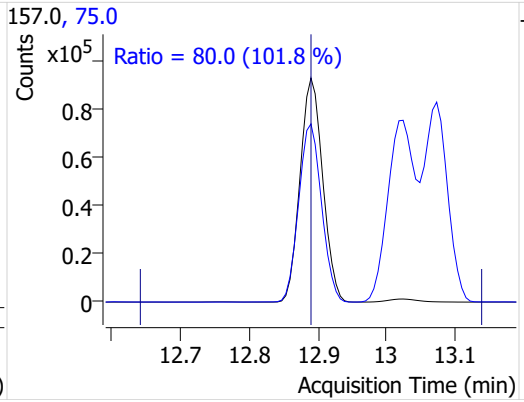


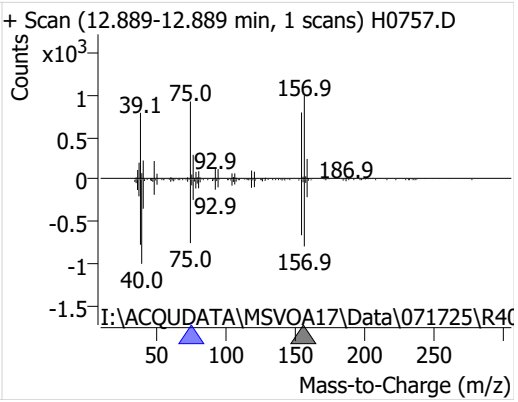




1,2-Dibromo-3-chloropropane

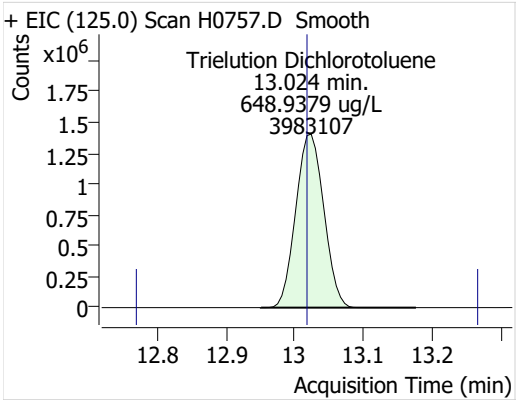


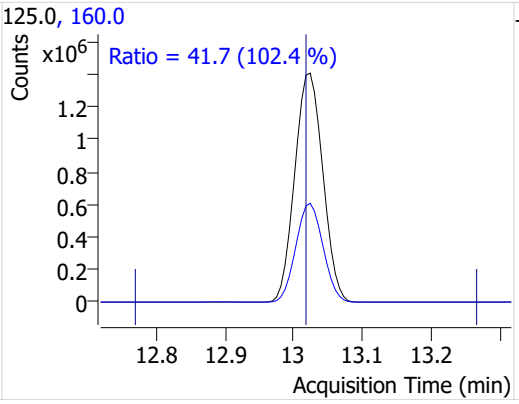


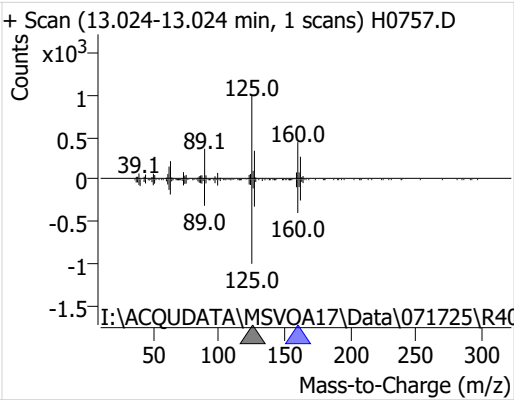


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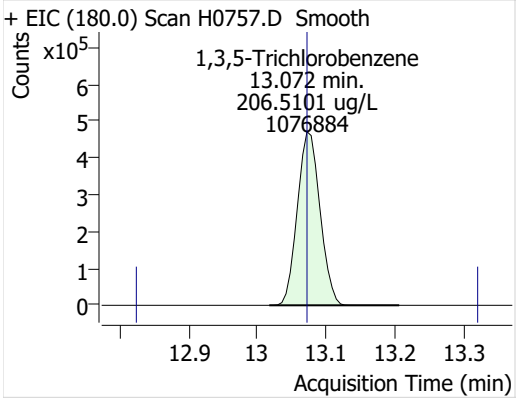
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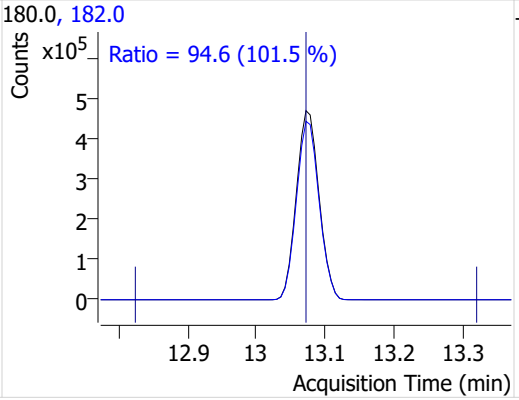


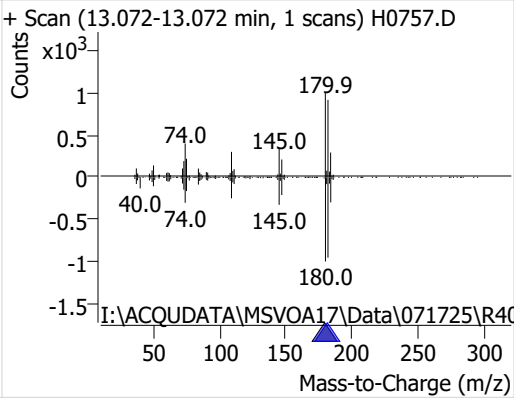




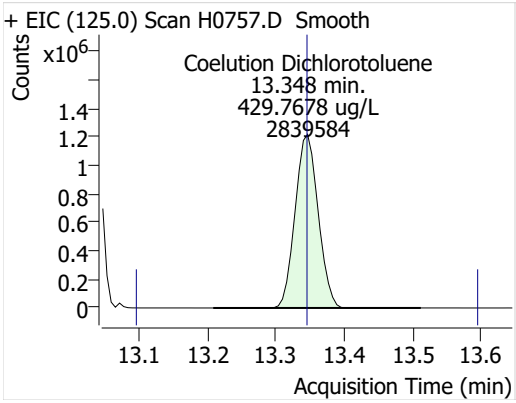
1,3,5-Trichlorobenzene

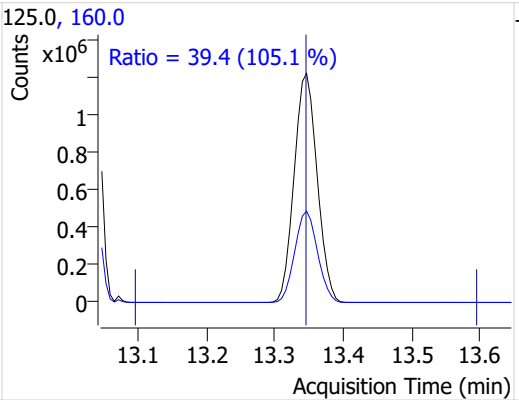


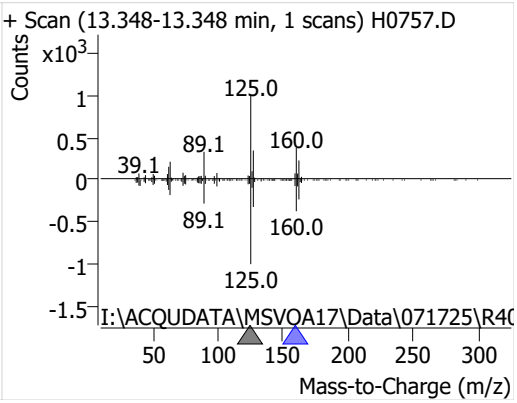




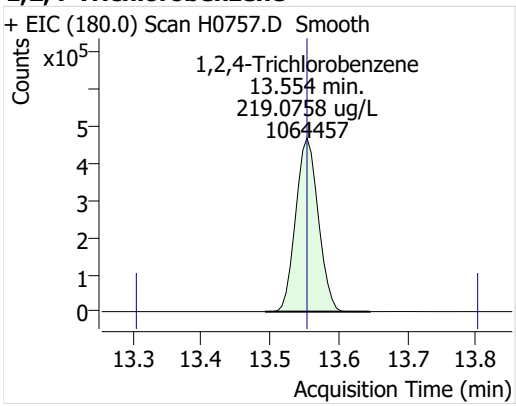
Coelution Dichlorotoluene

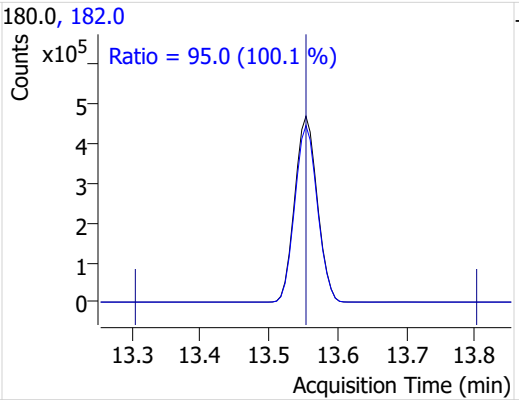


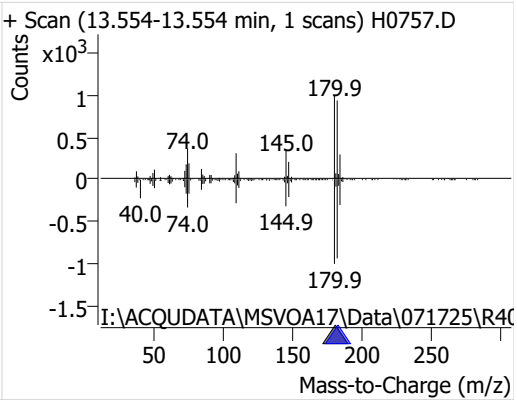




1,2,4-Trichlorobenzene

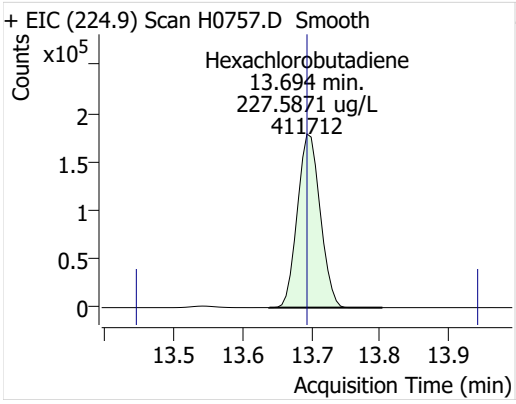


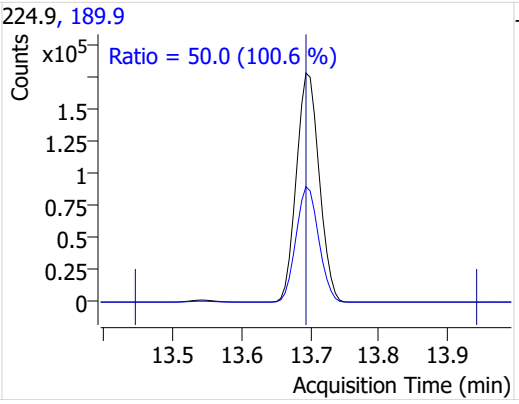


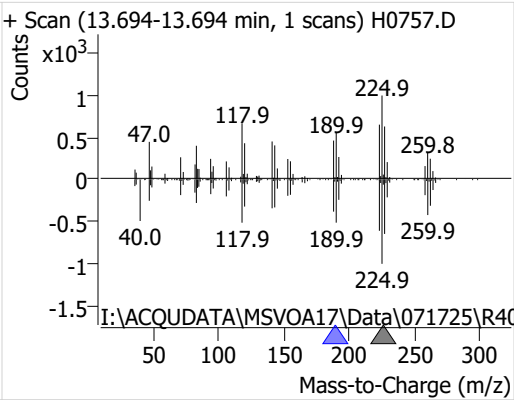


Masshunter Quantitative Analysis Sample Report

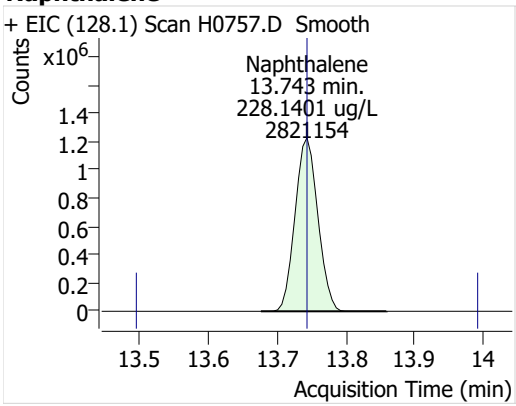
Hexachlorobutadiene

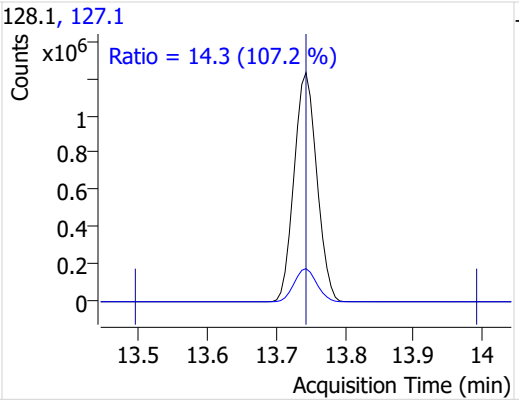


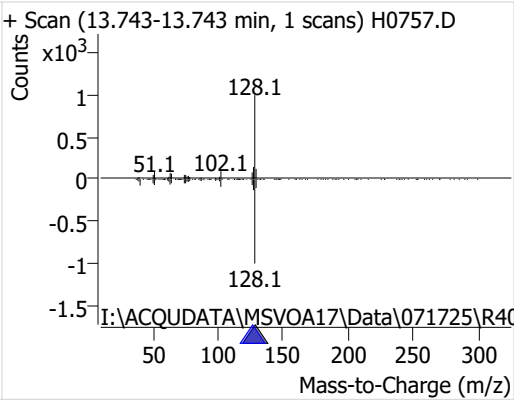




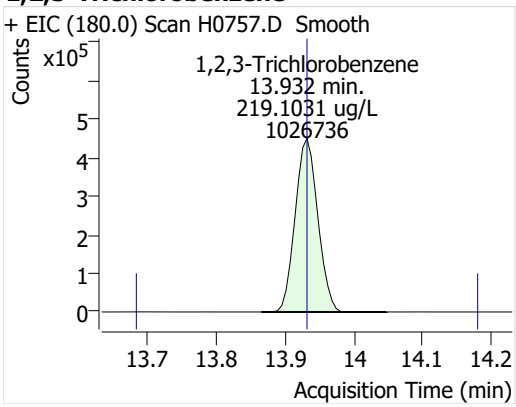
Naphthalene

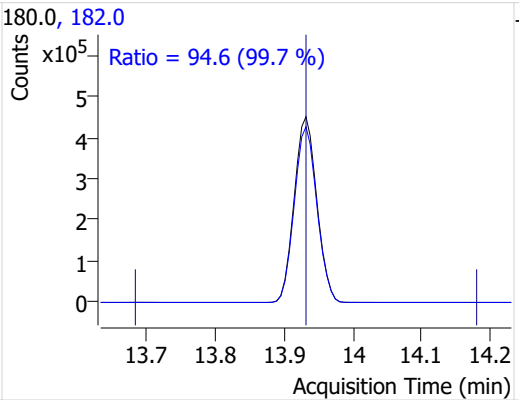


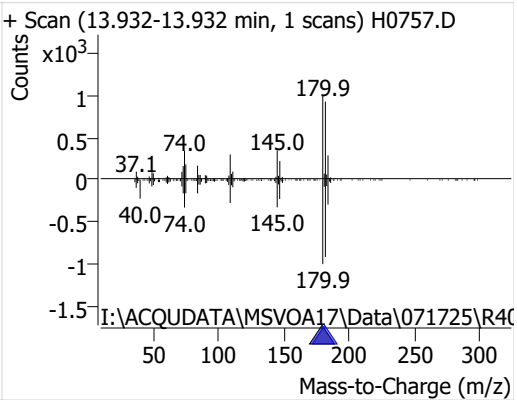




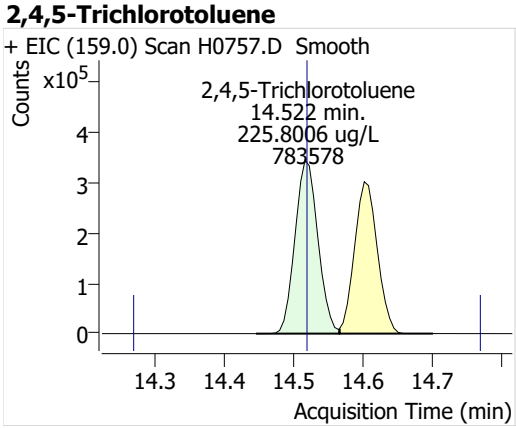
1,2,3-Trichlorobenzene

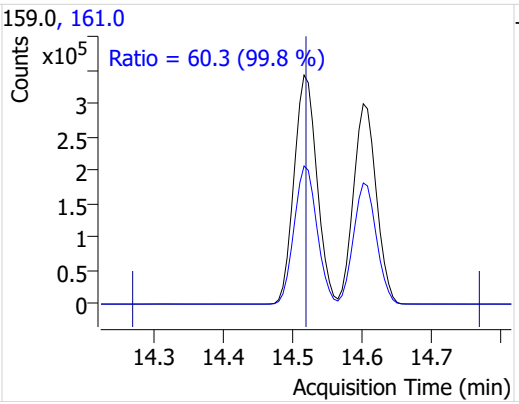


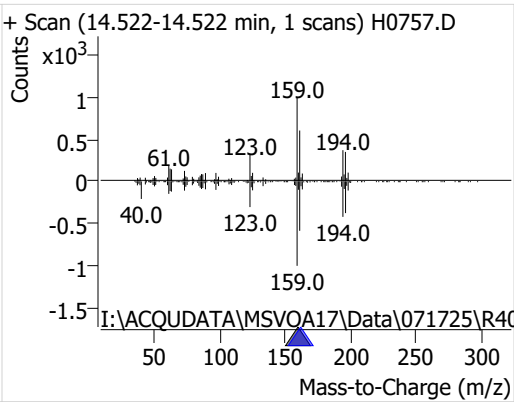




2,4,5-Trichlorotoluene

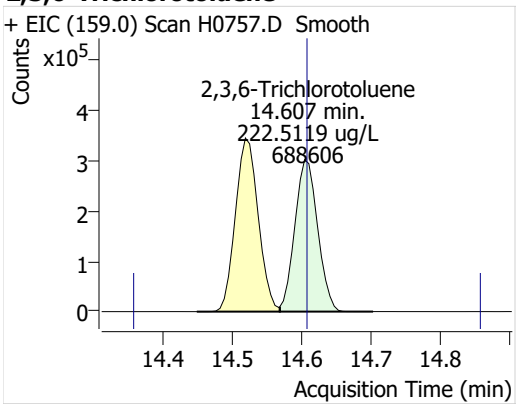


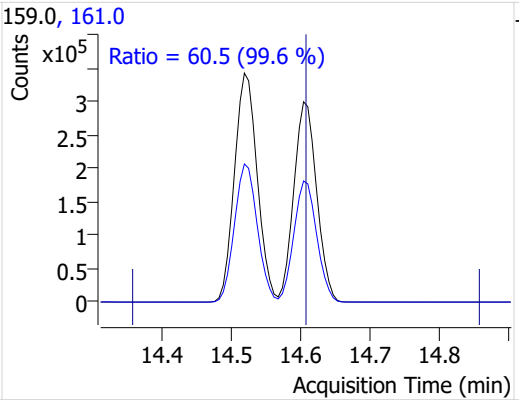


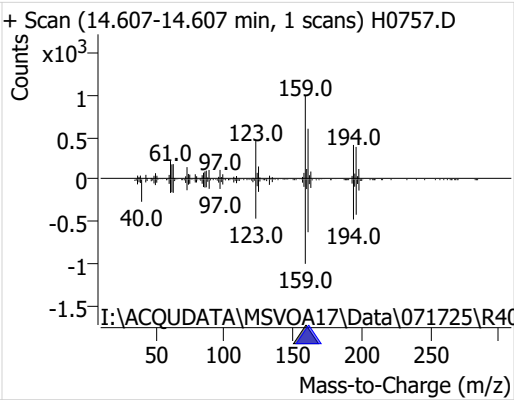


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





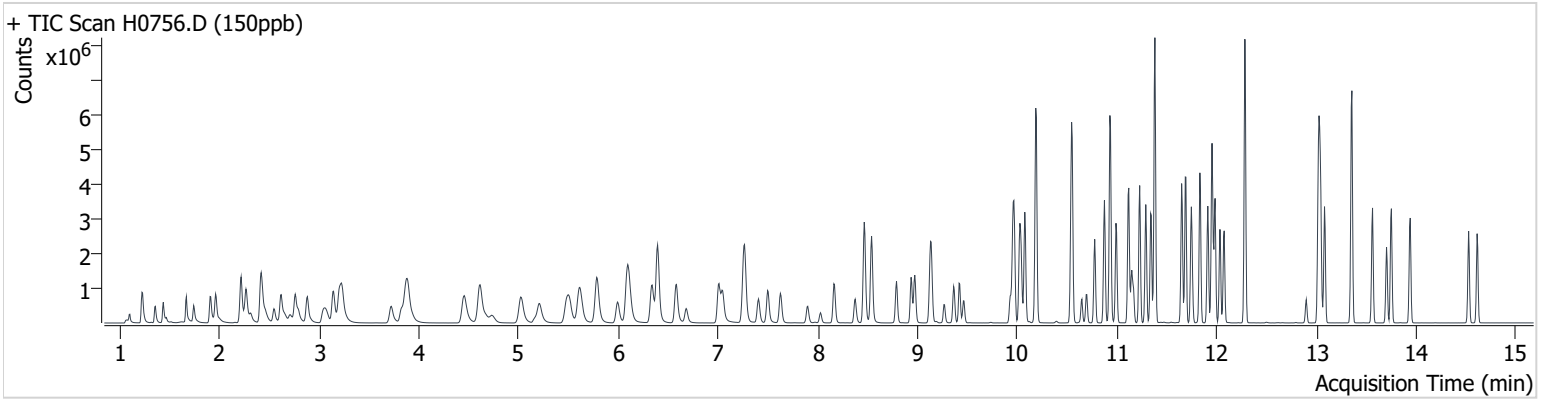


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0756.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	245408	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	406261	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	355420	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	221907	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	498419	190.3015	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	1893296	187.0270	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.986	0.002	741265	207.6019	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	574555	190.0608	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	473876	157.5268	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	449625	150.4845	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.001	409142	149.4626	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	484044	151.0241	ug/L
Bromomethane	94.000	0.296	0.001	1.662	0.008	344781	142.1261	ug/L
Chloroethane	64.000	0.309	0.003	1.739	0.016	378728	161.2728	ug/L
Fluorodichloromethane	67.000	0.339	0.001	1.905	0.004	743679	153.8679	ug/L
Trichlorofluoromethane	101.000	0.348	0.001	1.959	0.006	701583	160.3086	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.003	377251	144.6357	ug/L
Diethyl Ether	59.000	0.394	0.000	2.215	0.001	358268	159.5143	ug/L
Freon 123	83.000	0.403	0.000	2.263	0.002	584884	149.1329	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.001	122114	772.2615	ug/L
1,1-Dichloroethene	61.000	0.428	0.001	2.404	0.006	642149	161.6802	ug/L
Freon 113	101.000	0.431	0.001	2.421	0.005	434350	158.9987	ug/L
Acetone	43.000	0.437	0.000	2.458	0.003	166316	151.5301	ug/L
Iodomethane	142.000	0.452	0.001	2.544	0.003	496272	145.5490	ug/L
2-Propanol	45.000	0.468	0.005	2.632	0.025	570947	3550.6507	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	945000	142.0355	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.753	0.002	929509	1040.4646	ug/L
Methyl Acetate	43.000	0.496	0.000	2.786	0.001	341352	156.7850	ug/L

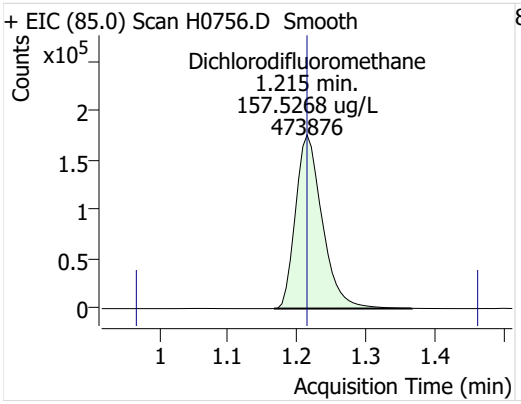
Masshunter Quantitative Analysis Sample Report

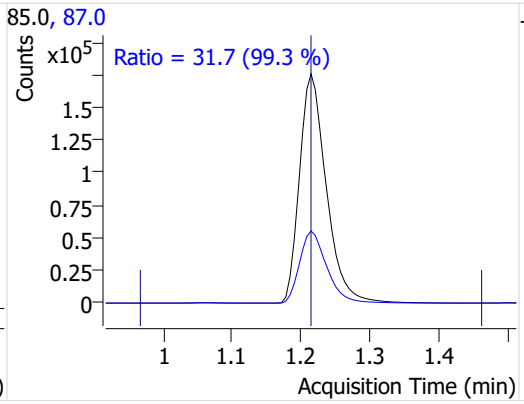
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	398290	149.3590	ug/L
TBA	59.000	0.542	0.004	3.050	0.024	982388	3958.1015	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	943752	835.9715	ug/L
trans-1,2-Dichloroethene	61.000	0.567	0.001	3.190	0.006	579041	164.7292	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	1276181	173.7524	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	709243	157.4855	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	746883	196.5291	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	357843	169.1919	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	1296839	168.5886	ug/L
ETBE	59.000	0.791	0.000	4.449	0.001	1236825	171.8183	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.001	450849	160.5005	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	596783	177.3767	ug/L
2-Butanone	43.000	0.831	0.000	4.674	0.001	212063	153.5360	ug/L
Propionitrile	54.000	0.841	0.001	4.726	0.006	368448	849.2474	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	302044	153.0532	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.023	0.002	198902	176.0054	ug/L
Tetrahydrofuran	42.000	0.918	0.002	5.162	0.009	137883	164.5716	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	702919	151.7481	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	630385	165.8686	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.003	616512	154.8244	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	589205 BA	169.6137	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	514582	159.2319	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	1520360	156.3671	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	589763	156.8425	ug/L
Iso-Butyl Alcohol	43.000	0.916	0.002	6.112	0.013	387521	3044.9489	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	1180647	176.7416	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.000	619383	160.2439	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	461732	154.5032	ug/L
1-Butanol	56.000	1.055	0.002	7.037	0.012	669638	10007.4158	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	592639	168.1212	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	431395	161.3442	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	285482	149.5953	ug/L
1,4-Dioxane	88.000	1.122	0.001	7.488	0.006	133479	3391.8728	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	328213	178.9599	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	565677	159.5537	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	346520	308.6704	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	136551	171.2135	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	616233	174.7533	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.368	0.001	442064	171.0561	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	1771367	166.4731	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	555749	179.3783	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	580120	179.4655	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	389928	159.0085	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	435294	162.2101	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	641013	155.9952	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	170901	170.1946	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	478639	167.1677	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	703000	183.2575	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	371653	155.7978	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	1194300	160.4169	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.965	0.001	601015	155.0067	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.018	0.001	564592	153.5229	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	436162	168.2705	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	1889591	164.1256	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	2933062	338.1971	ug/L
o-Xylene	91.100	1.062	0.000	10.535	0.001	1599113	172.6937	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	1383769	177.8309	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	301509	172.1561	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	599792	154.4937	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	1864452	178.2749	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	1921998	2980.0632	ug/L

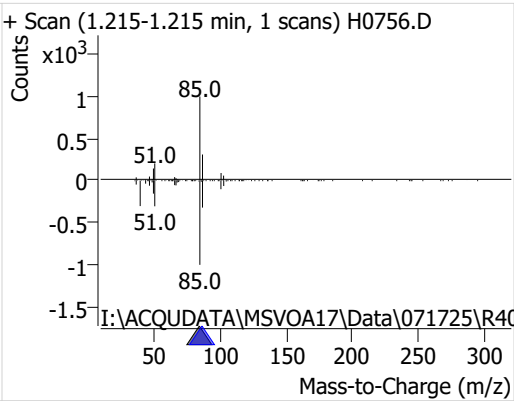
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	573169	162.6844	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	546789	155.9127	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.144	0.001	700785	160.9294	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	147851 BA	180.0293	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	2357368	167.4739	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.283	0.002	1385007	163.5839	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.336	0.002	1285201	150.7359	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	1871445	174.3390	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.372	0.002	1979125	171.8521	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	1780878	168.2959	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.682	0.002	1862364	177.0970	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	493052	158.1824	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.826	0.002	2311048	170.7629	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.905	0.002	1034878	154.9260	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	2061115	176.3750	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	1072731	152.4387	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.028	0.001	436508	151.7427	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.001	502171	151.6917	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	1034880	158.5753	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	1885453	179.4383	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	141967	161.8483	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.024	0.006	2912579	488.5104	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	767595	151.5373	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.347	0.002	2099877	327.1810	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	750941	159.1062	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	281115	159.9751	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	2041276	169.9384	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	717105	157.5389	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.521	0.001	546265	162.0545	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.607	0.001	489151	162.7196	ug/L

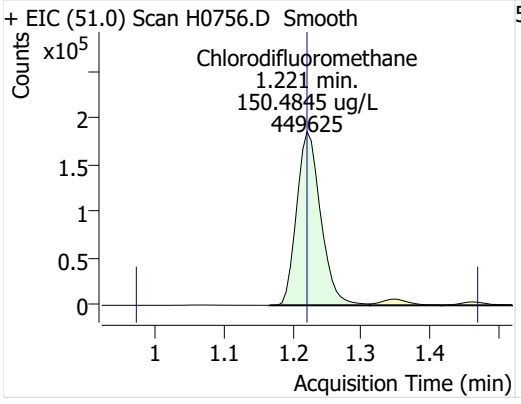
Dichlorodifluoromethane

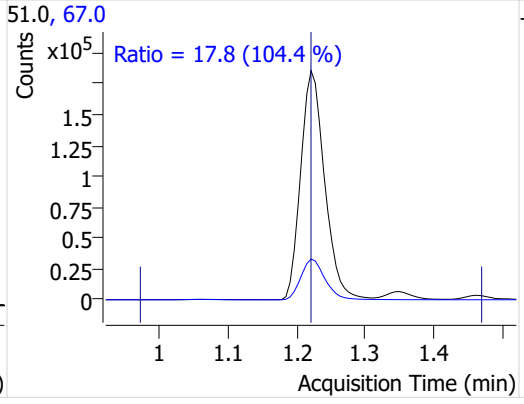


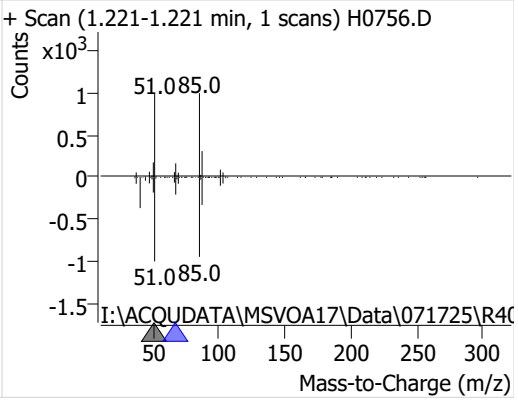




Chlorodifluoromethane

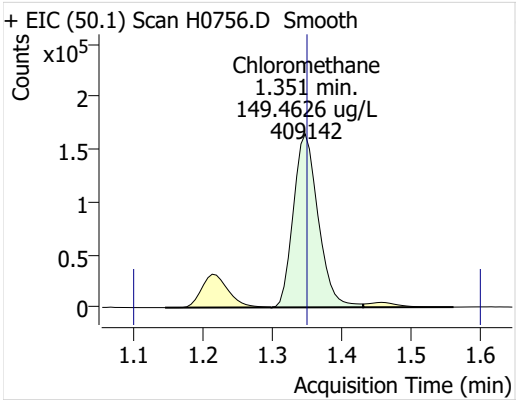


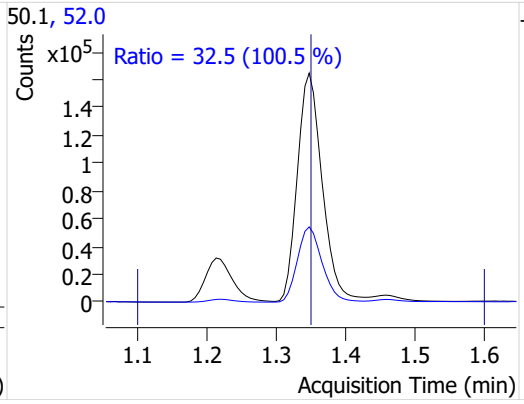


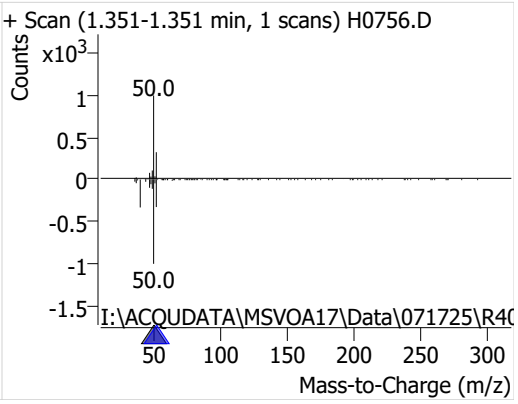


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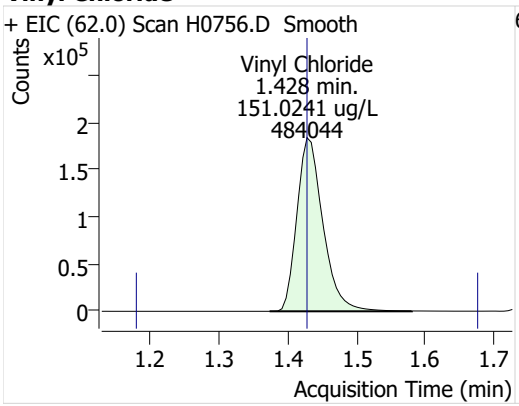
Chloromethane

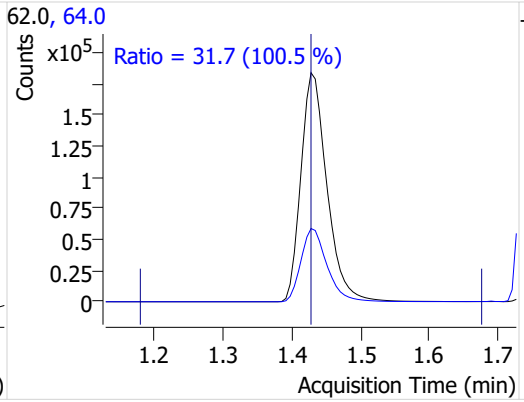


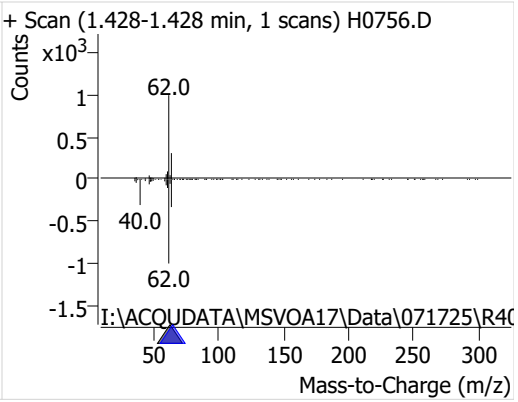




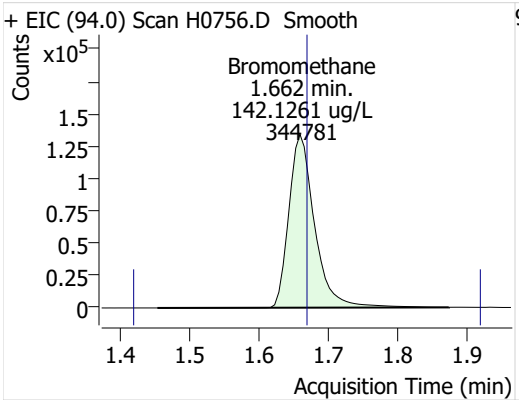
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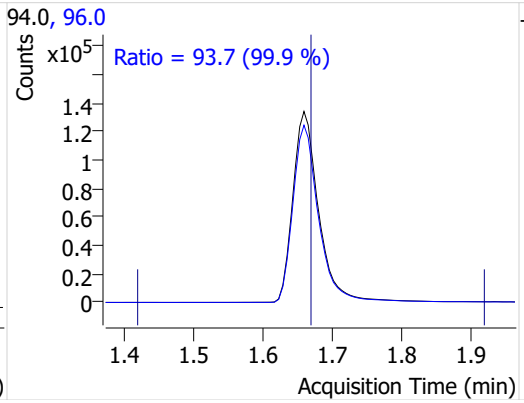


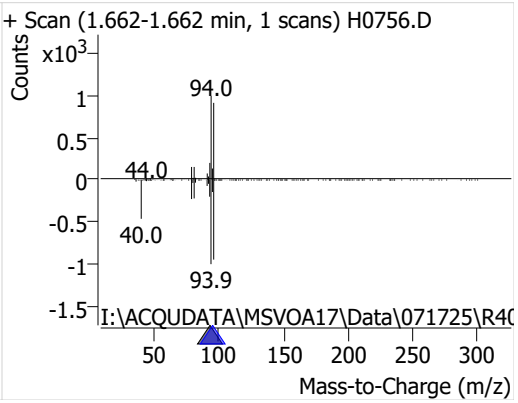




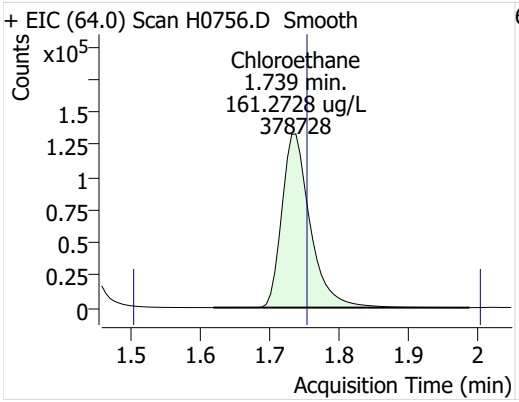
Bromomethane

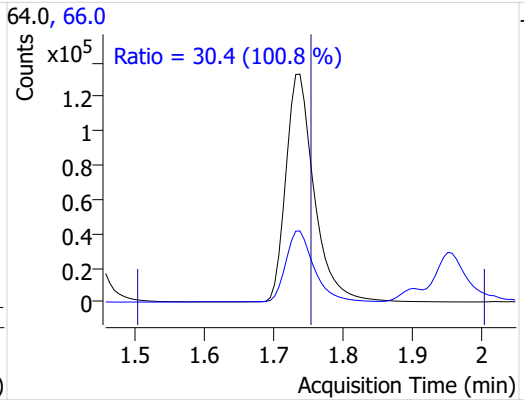


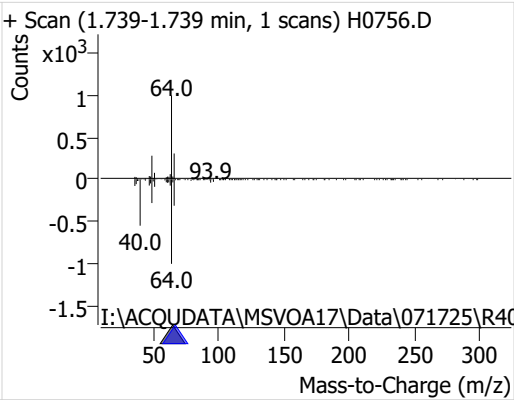




Chloroethane

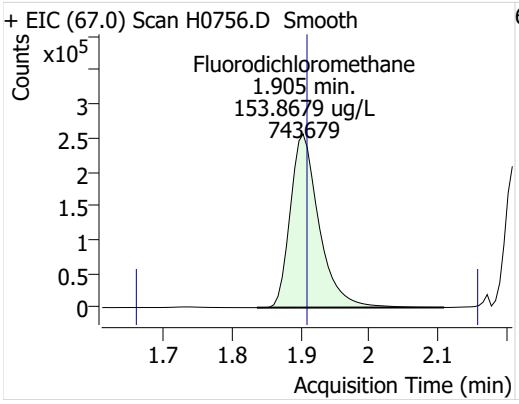


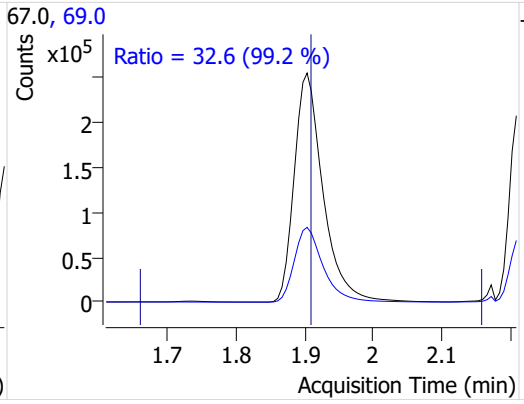


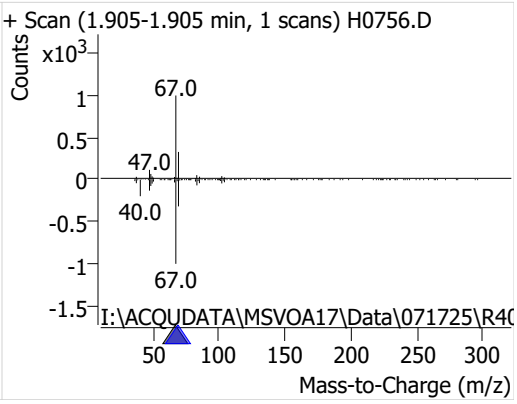


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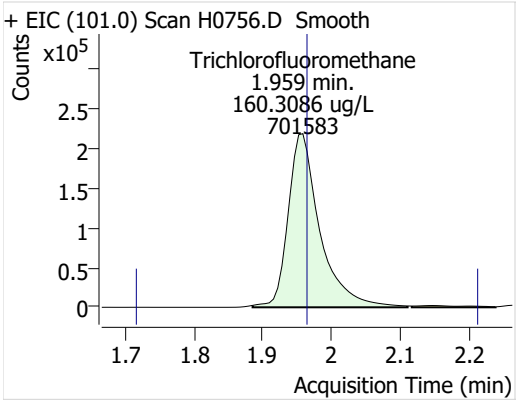
Fluorodichloromethane

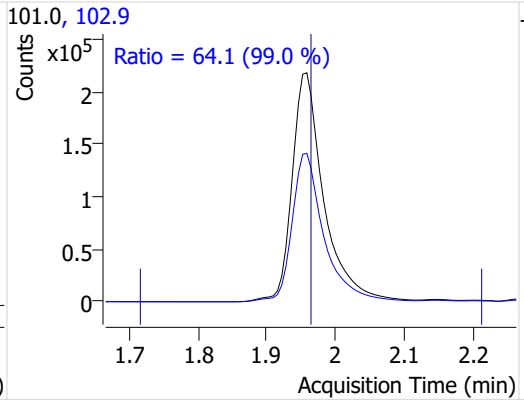


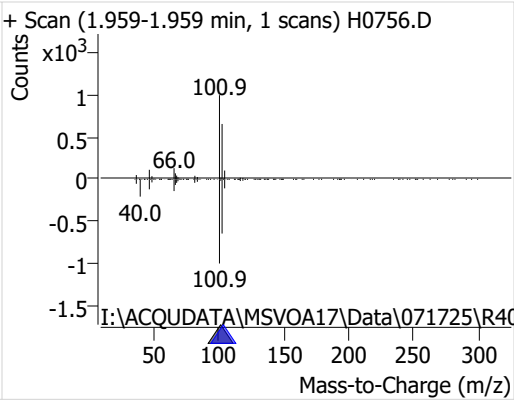




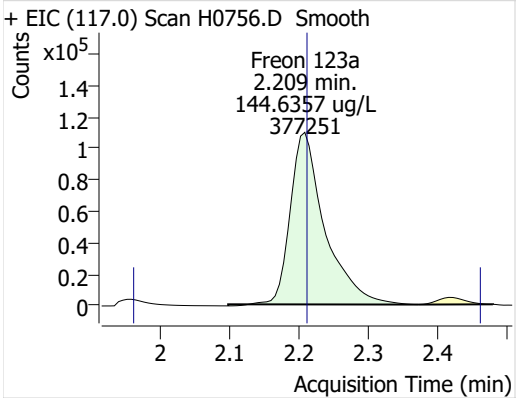
Trichlorofluoromethane

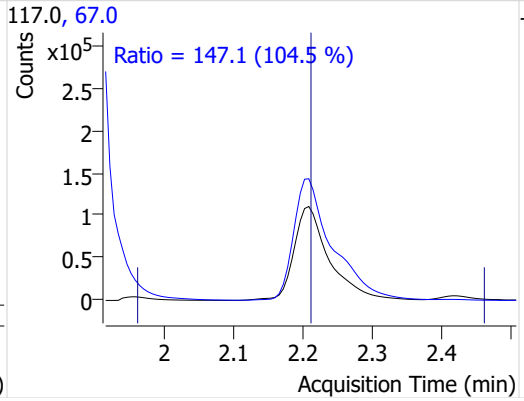


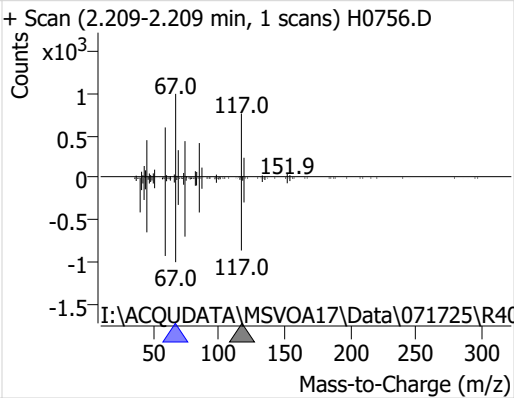




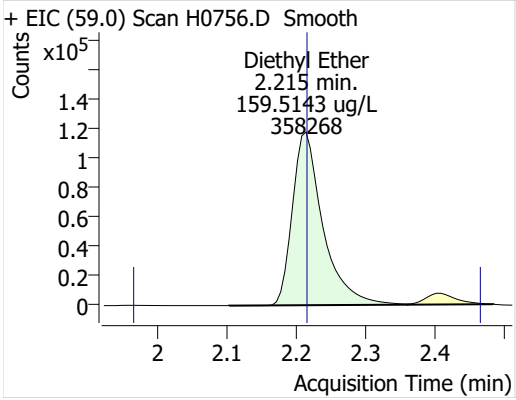
Freon 123a

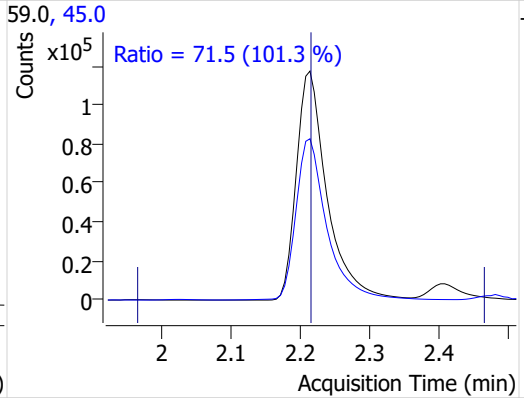


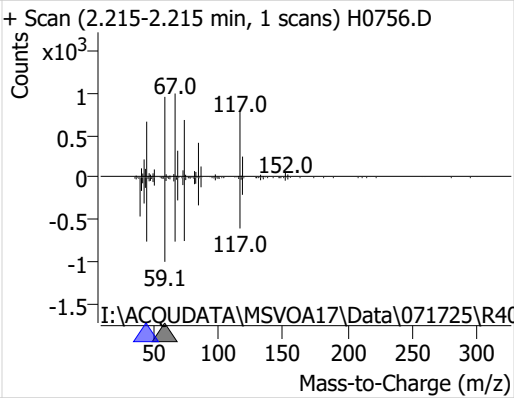




Diethyl Ether

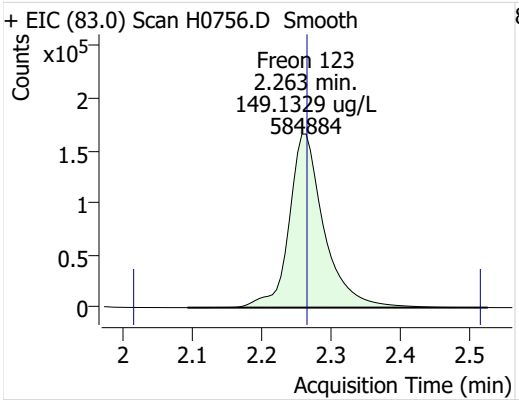


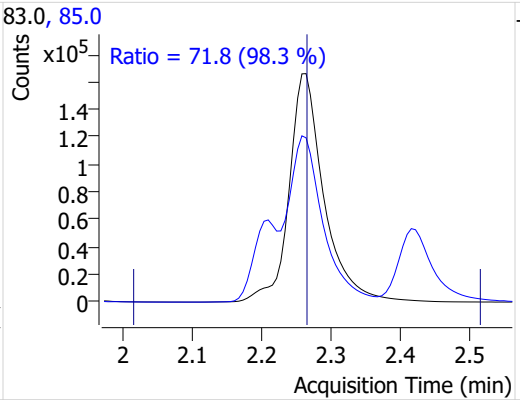


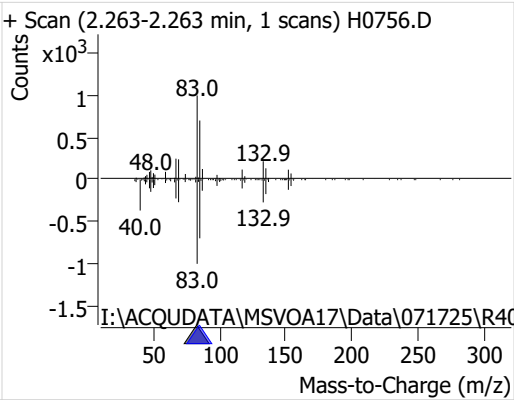


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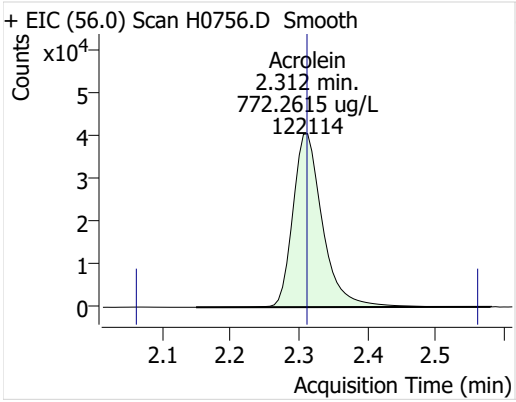
Freon 123

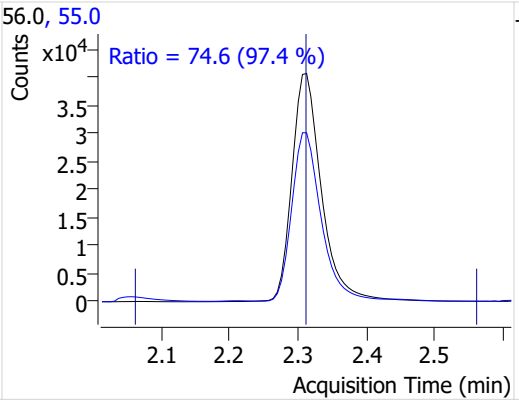


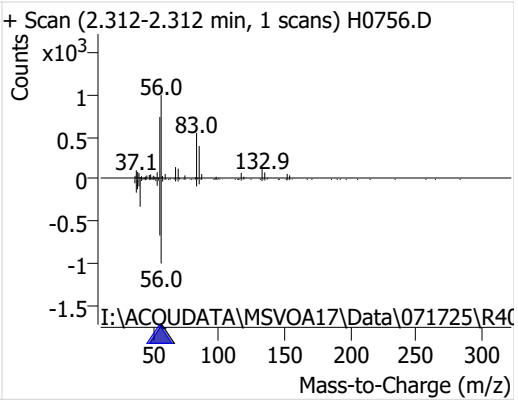




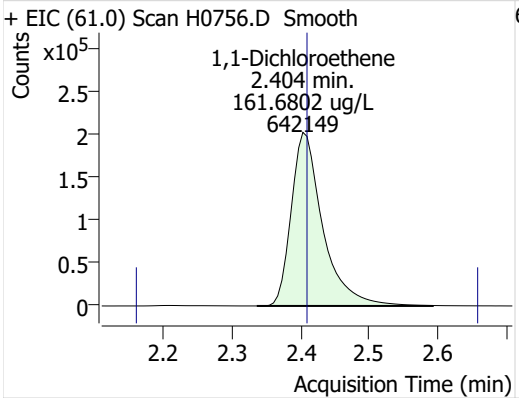
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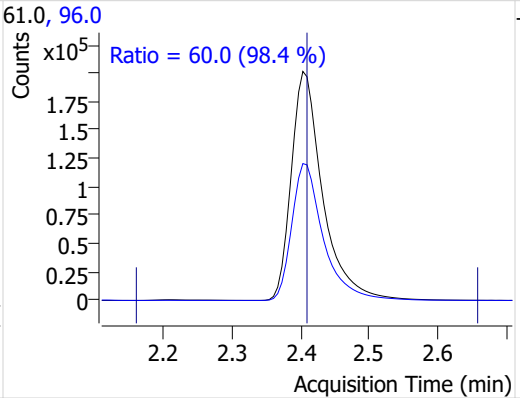


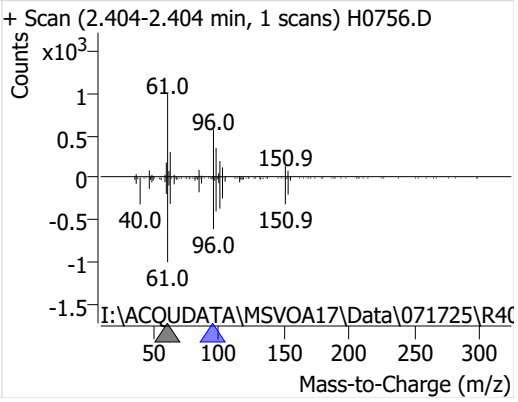




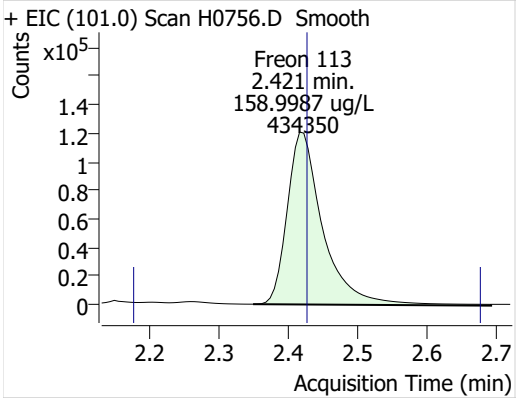
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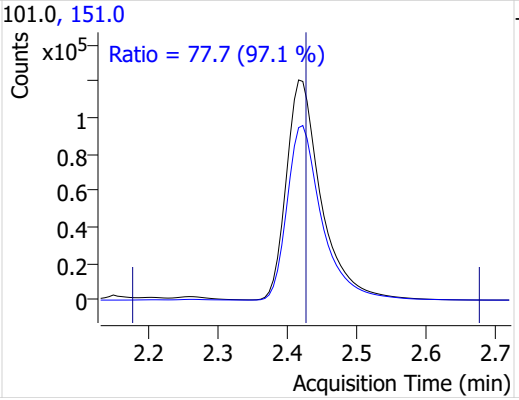


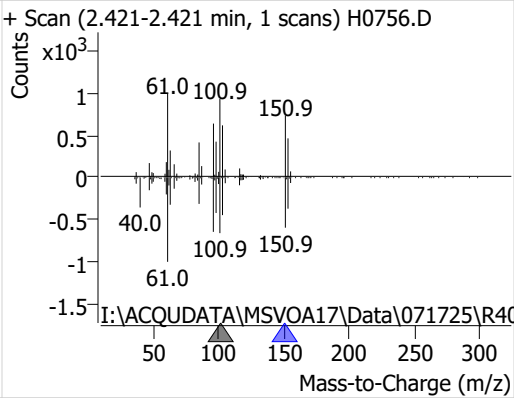




Freon 113

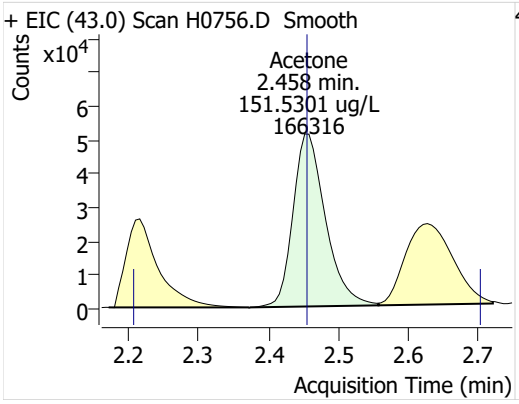


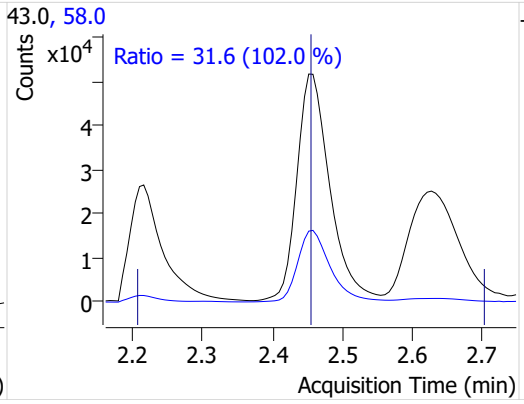


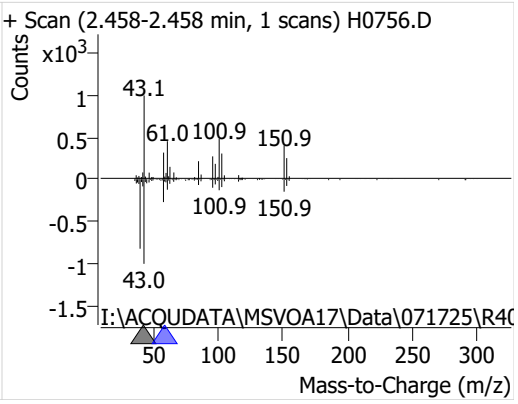


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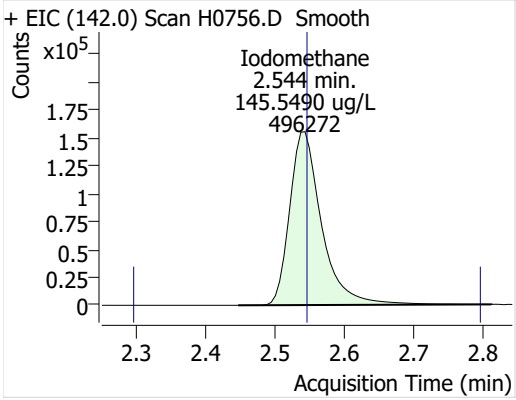
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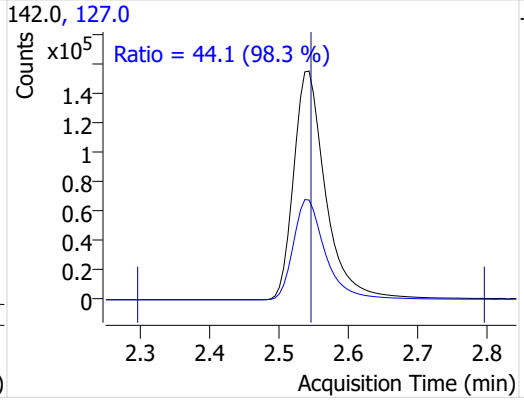


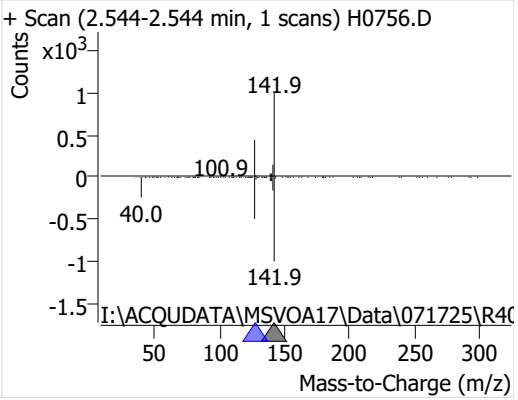




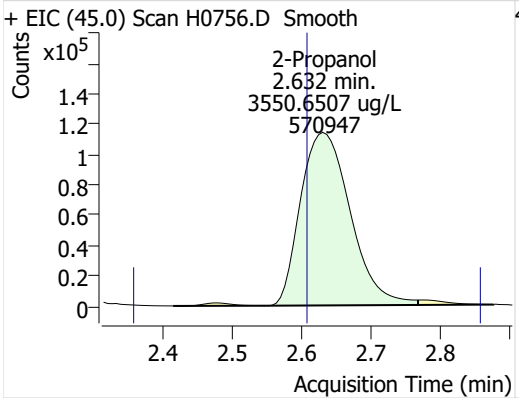
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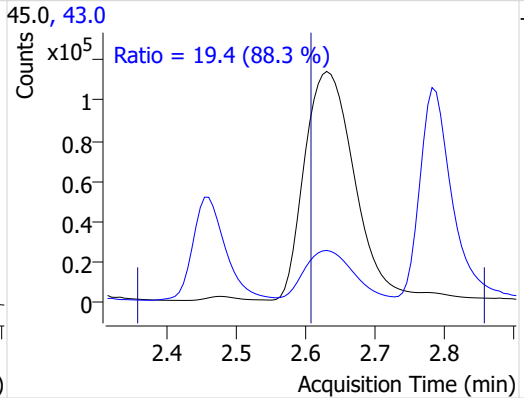


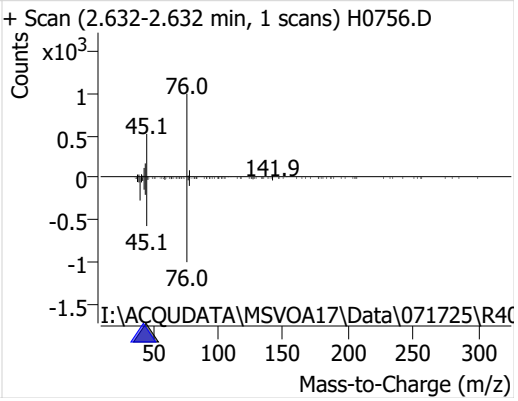




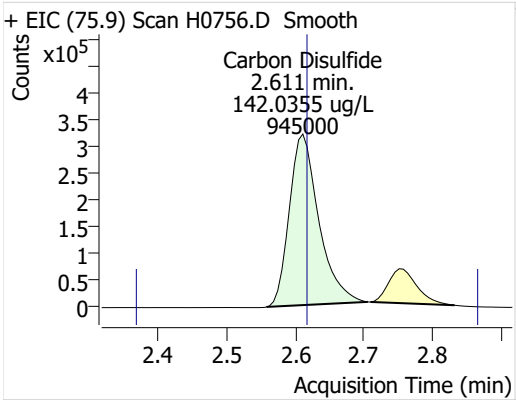
2-Propanol

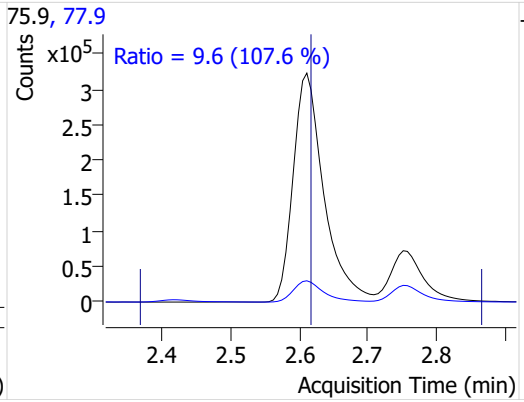


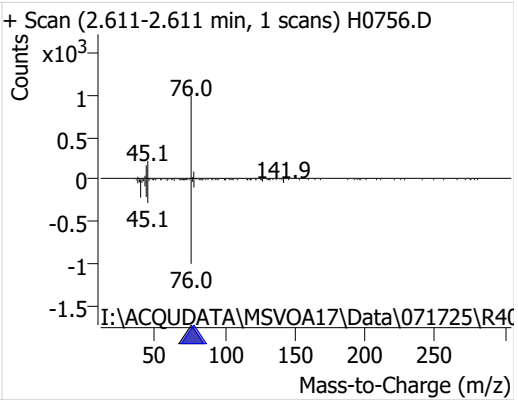




Carbon Disulfide

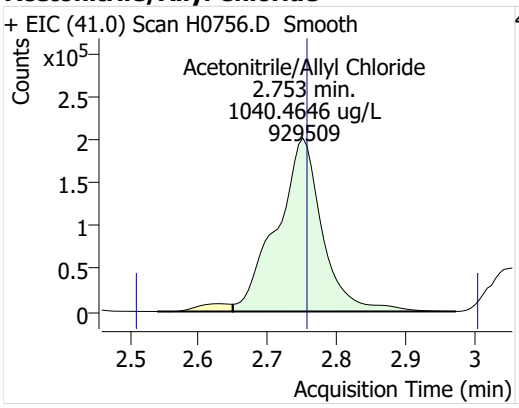


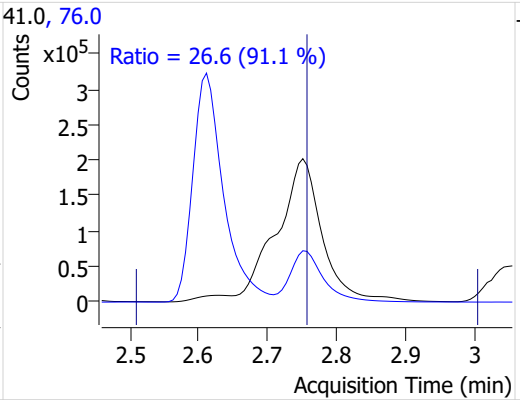


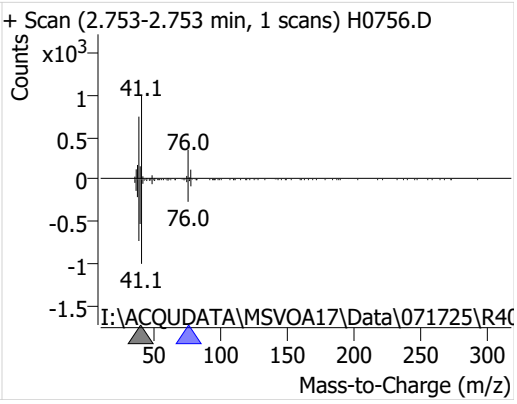


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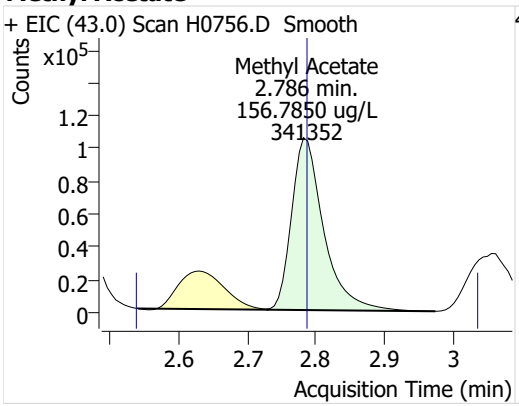
Acetonitrile/Allyl Chloride

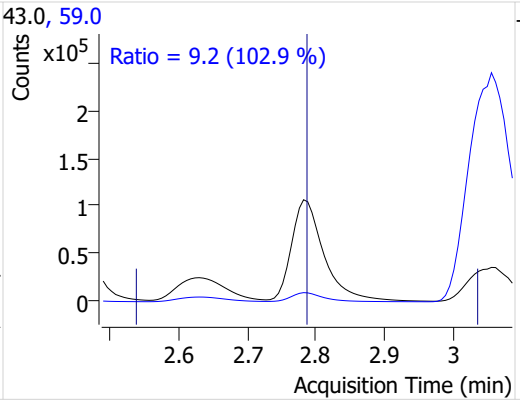


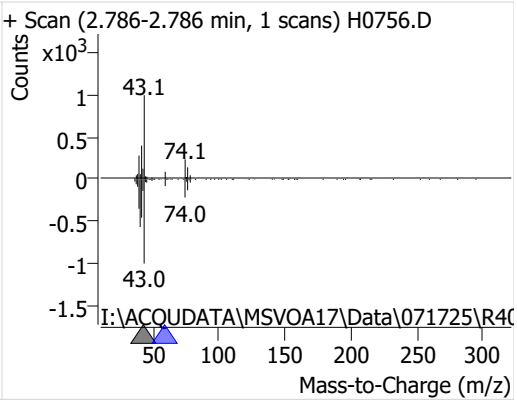




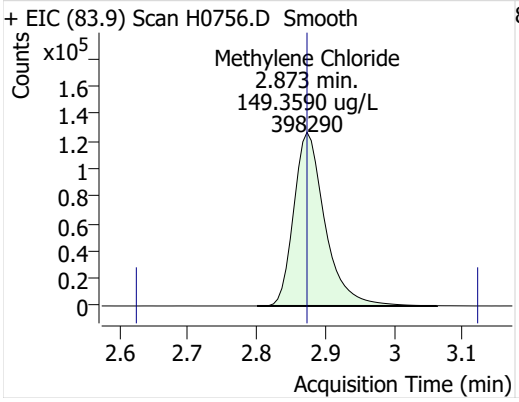
Methyl Acetate

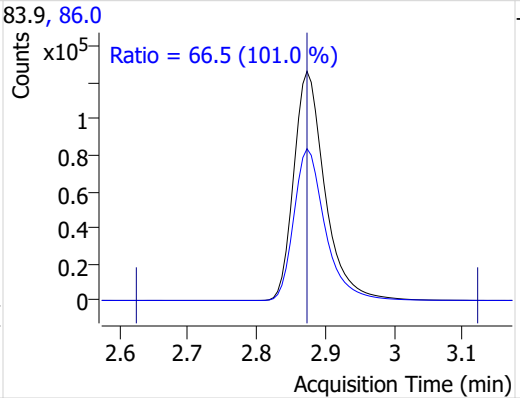


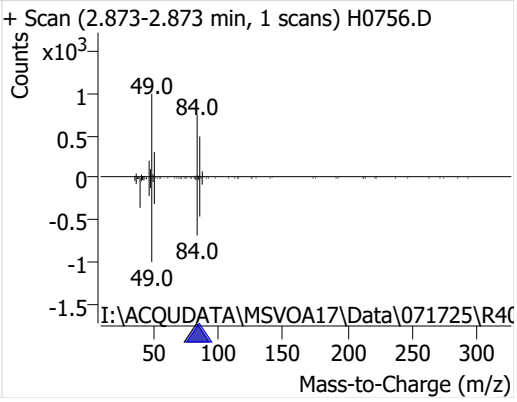




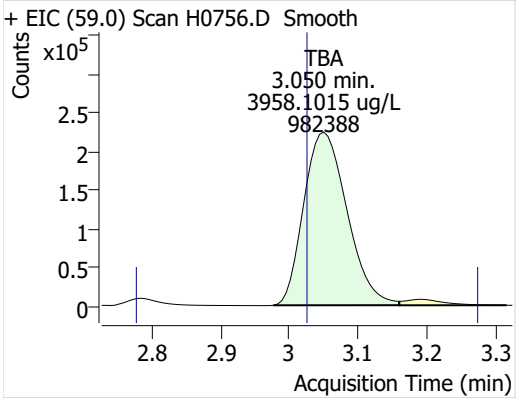
Methylene Chloride

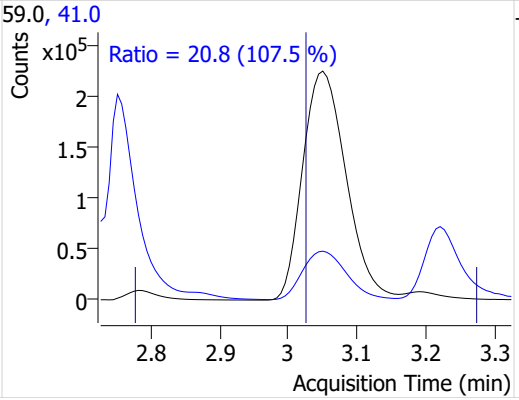


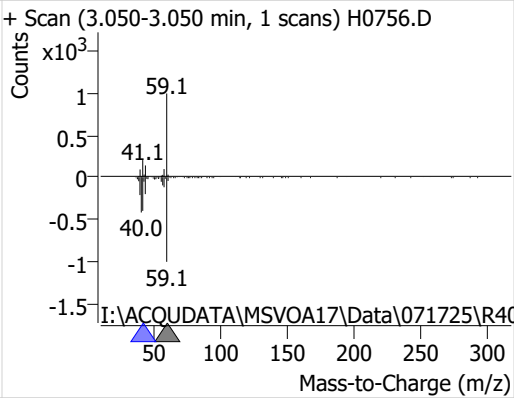




TBA

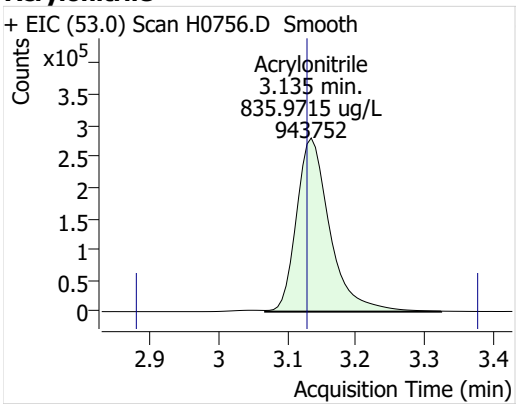


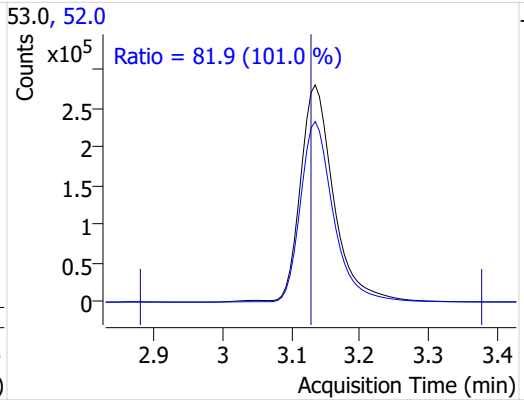


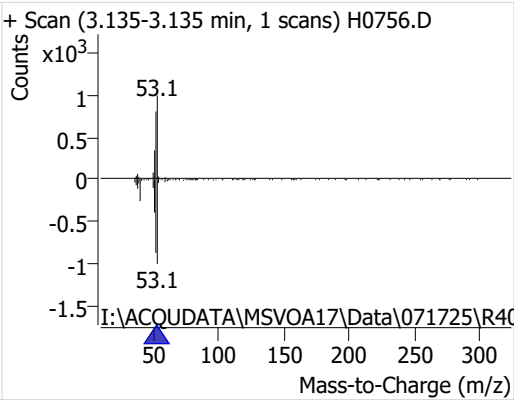


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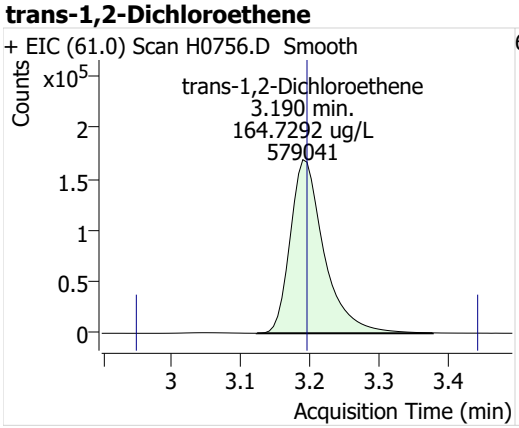
Acrylonitrile

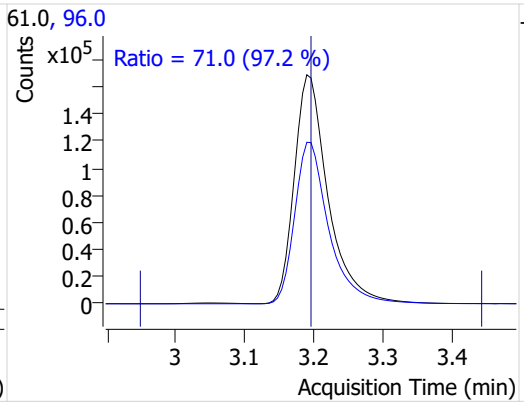


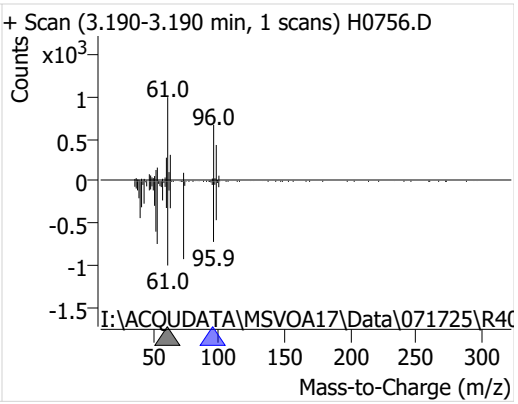




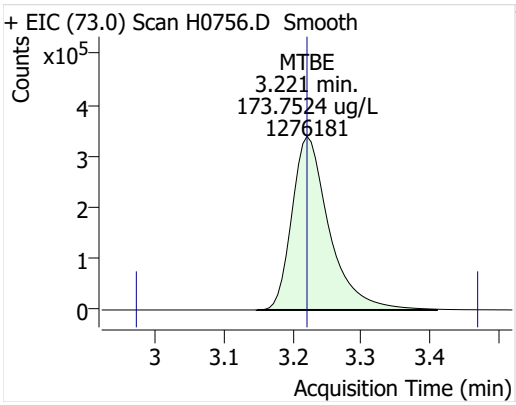
trans-1,2-Dichloroethene

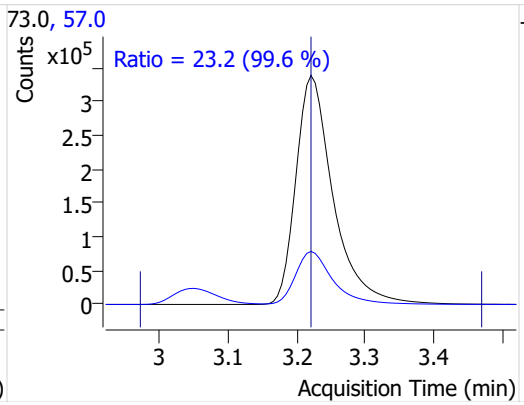


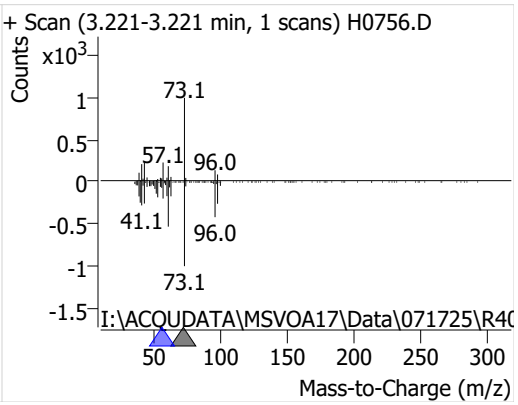




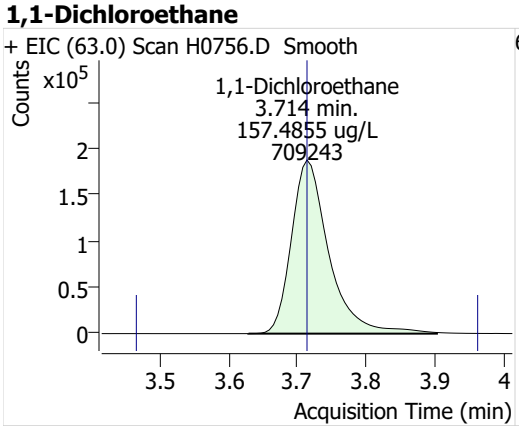
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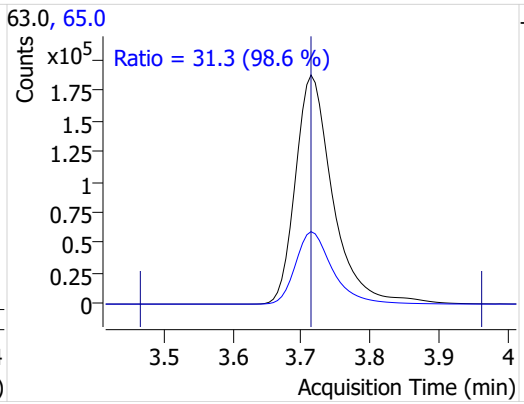


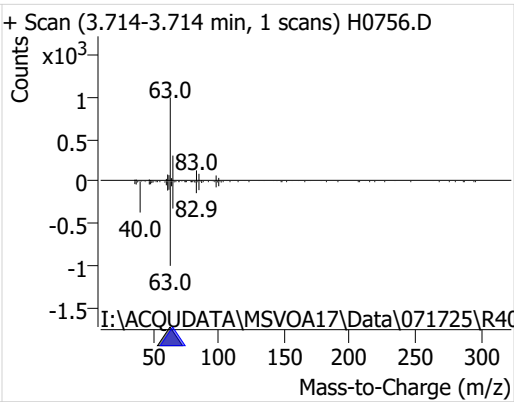




1,1-Dichloroethane

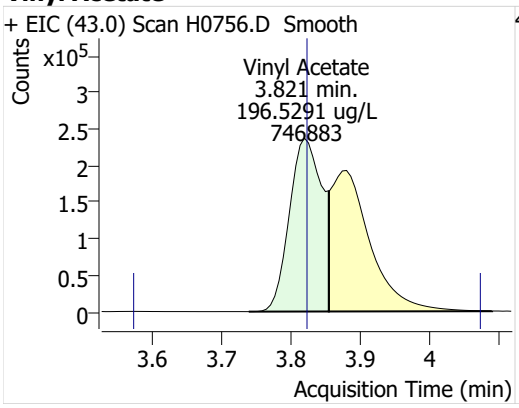


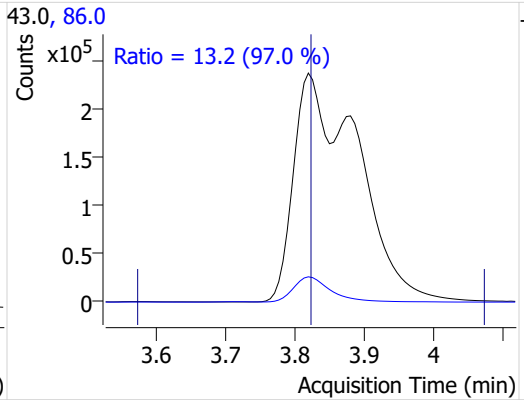


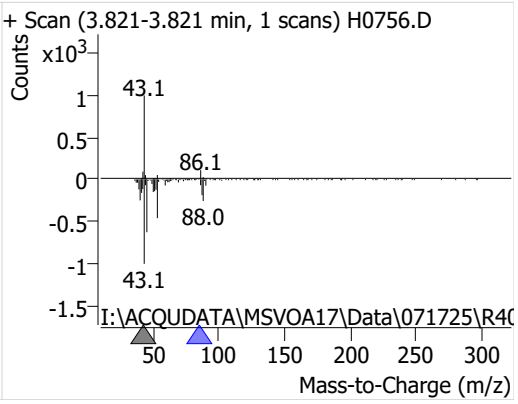


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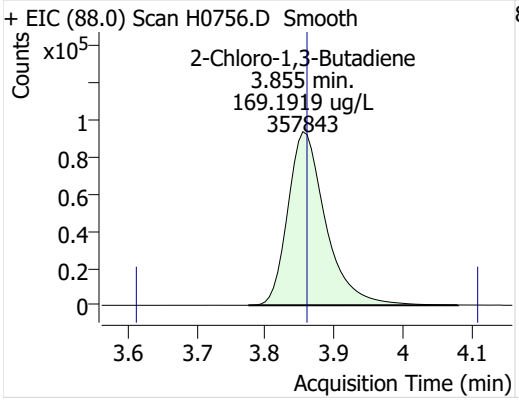
Vinyl Acetate

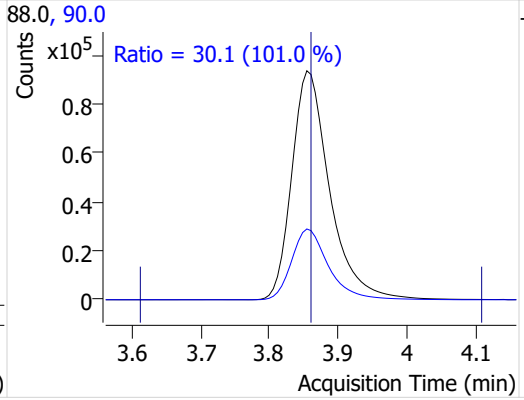


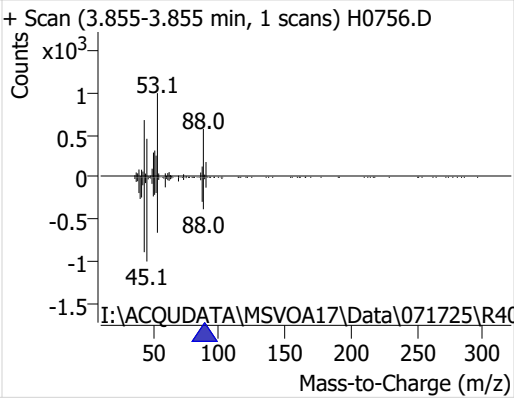




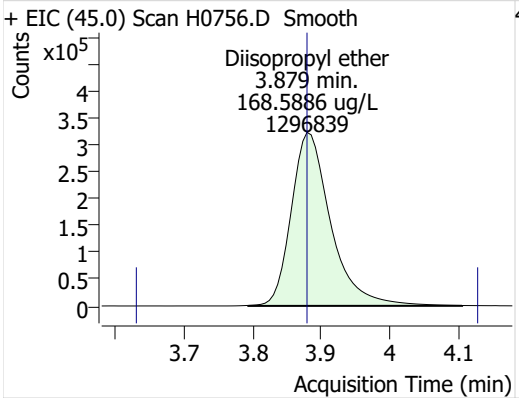
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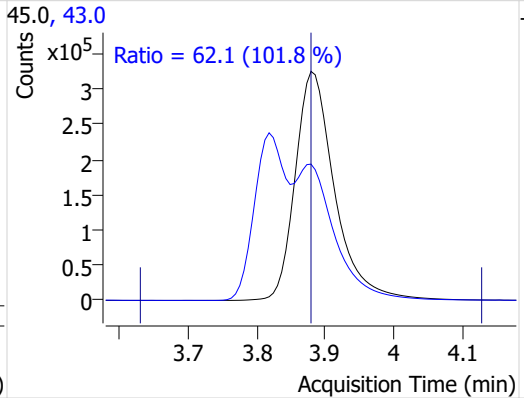


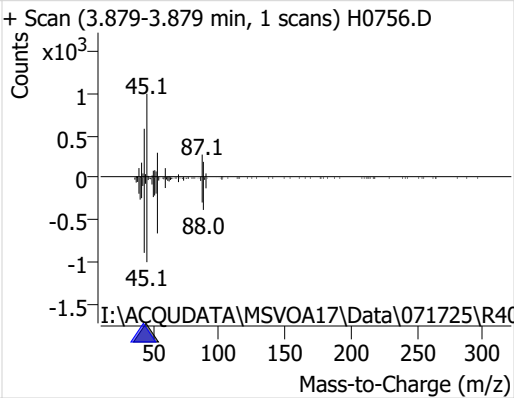




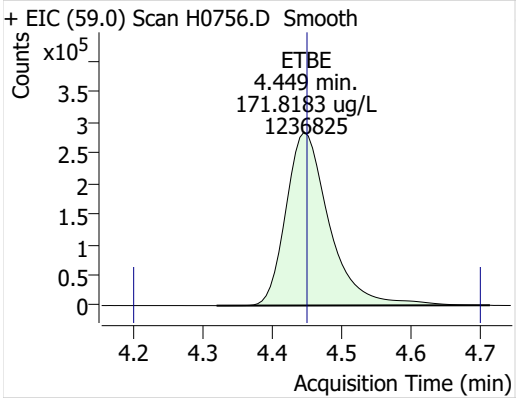
Diisopropyl ether

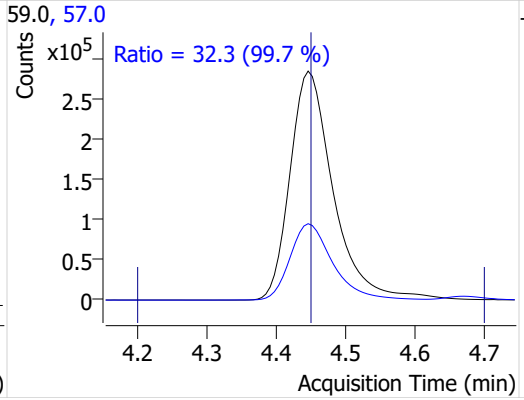


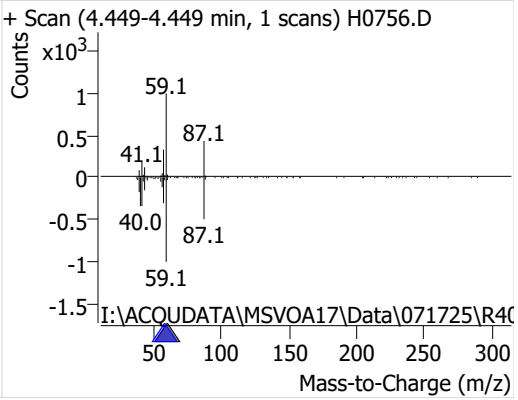




ETBE

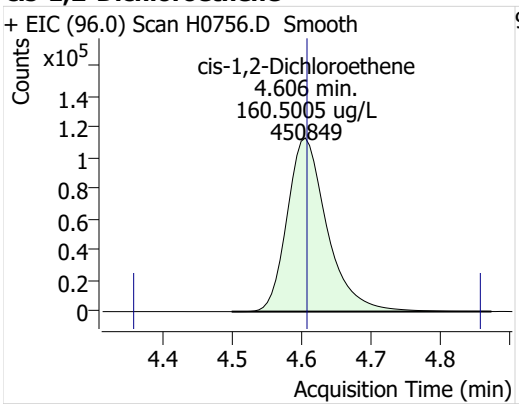


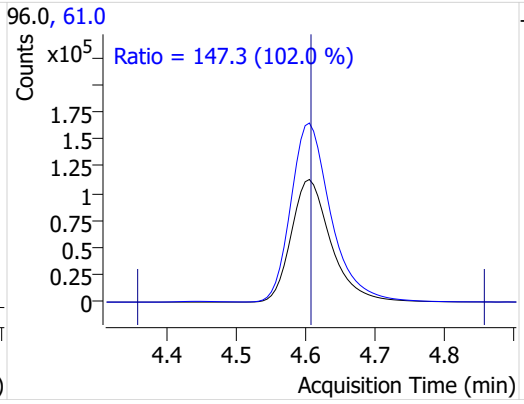


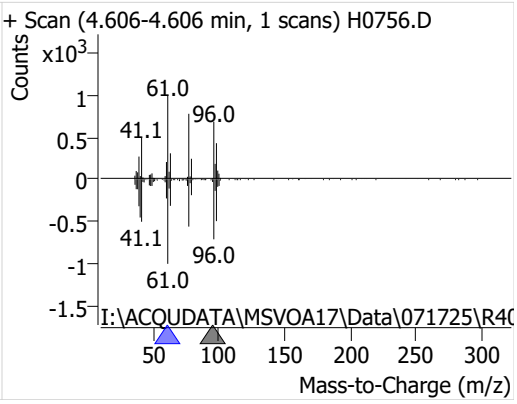


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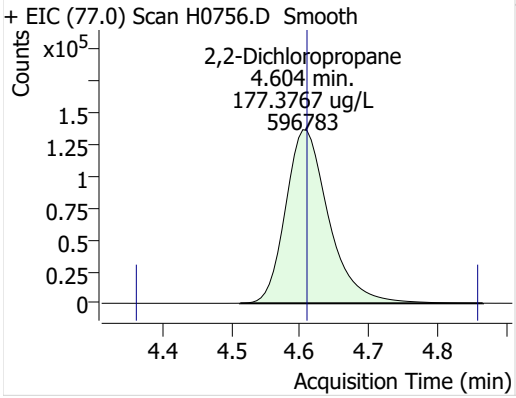
cis-1,2-Dichloroethene

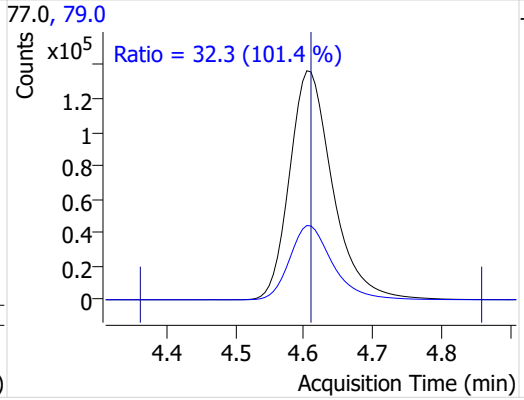


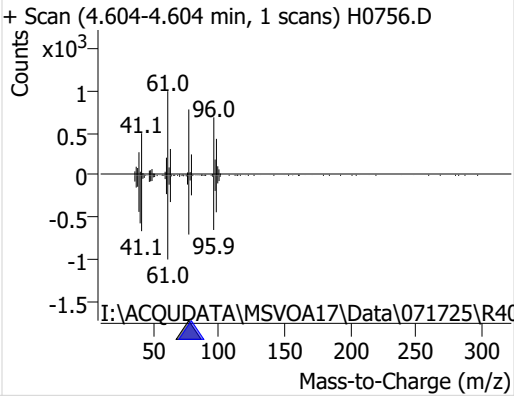




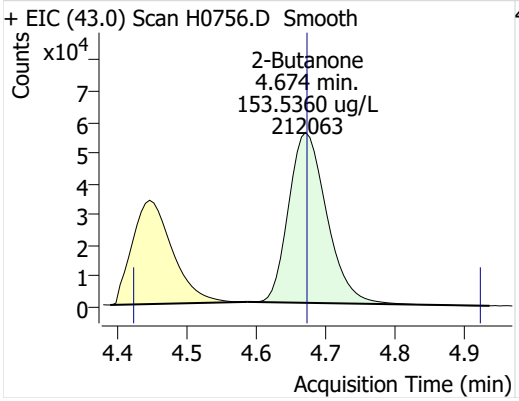
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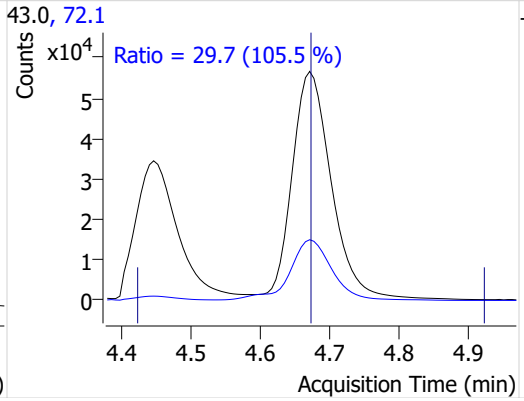


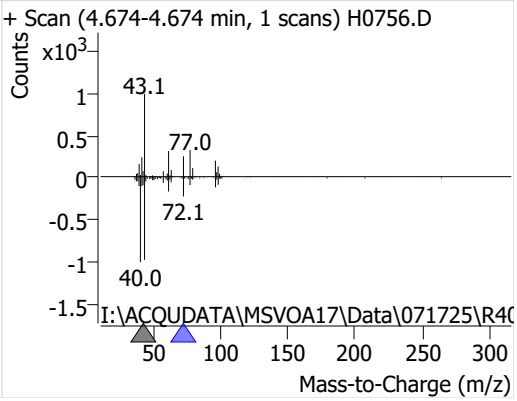




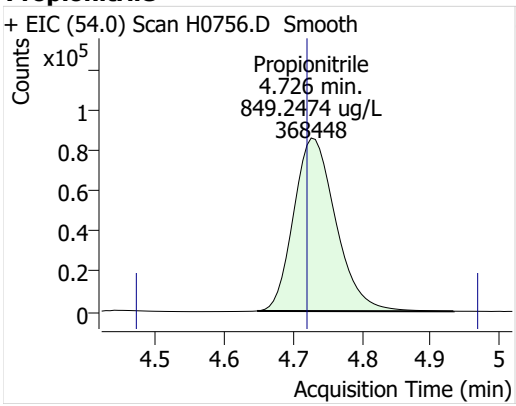
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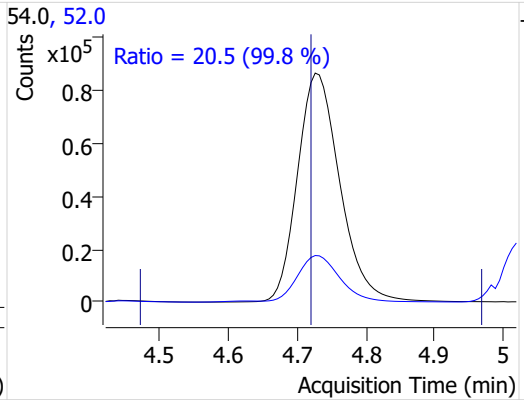


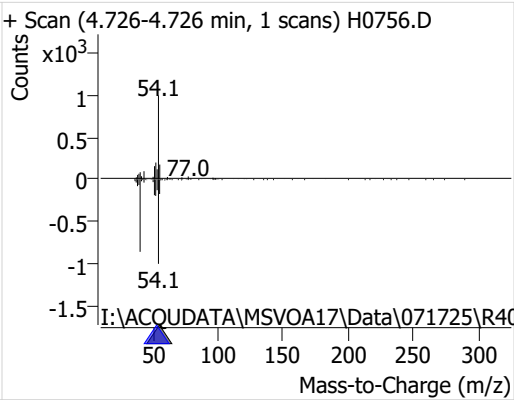




Propionitrile

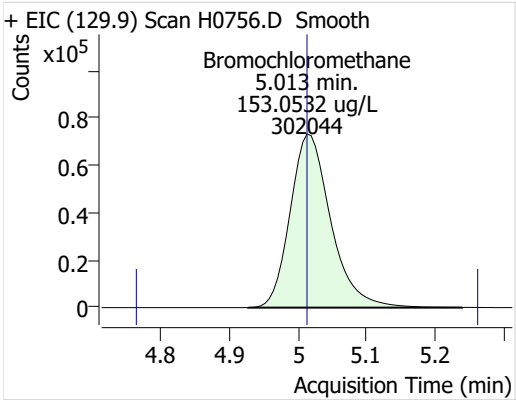


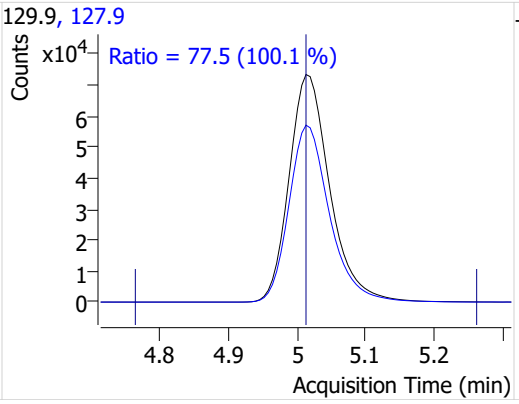


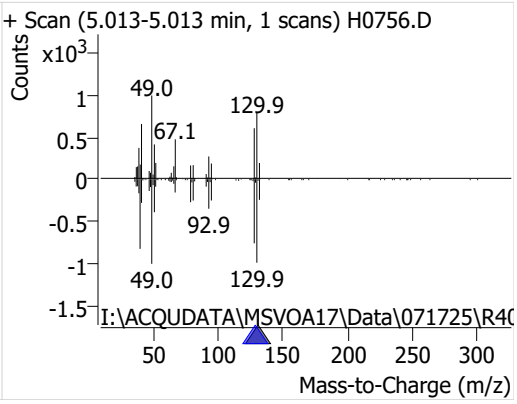


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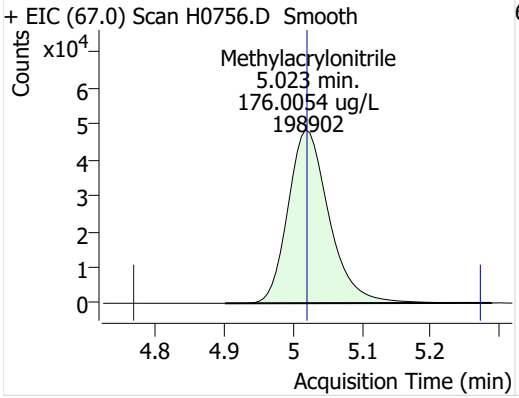
Bromochloromethane

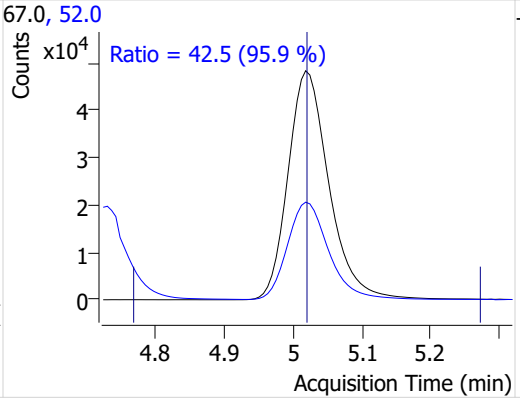


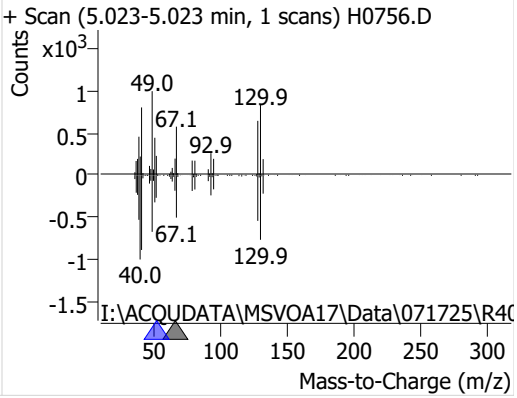




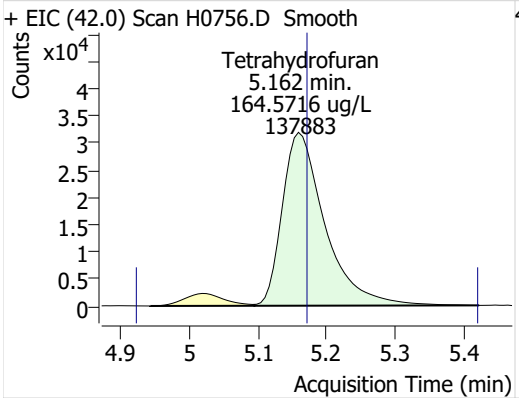
Methylacrylonitrile

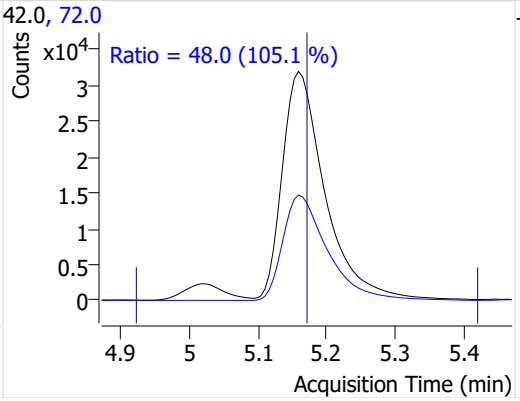


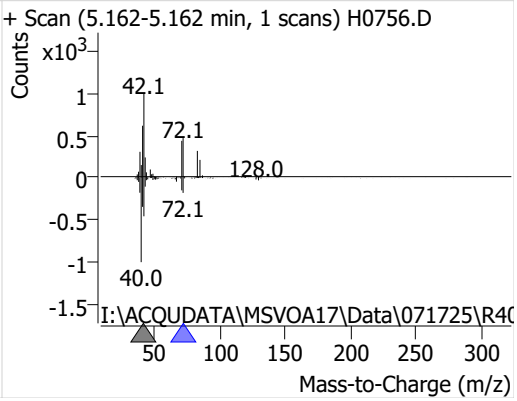




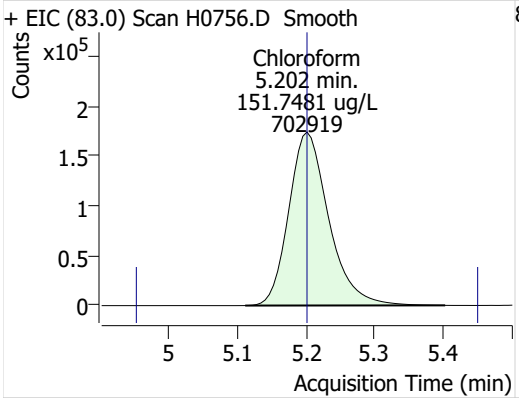
Tetrahydrofuran

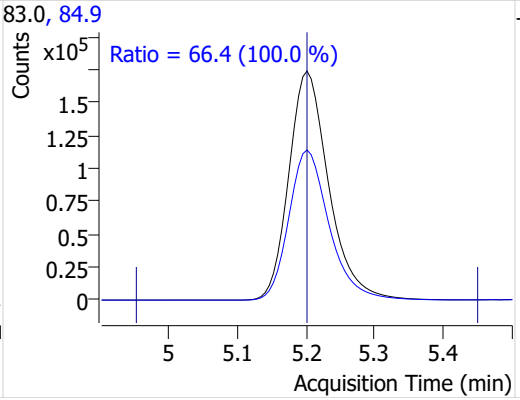


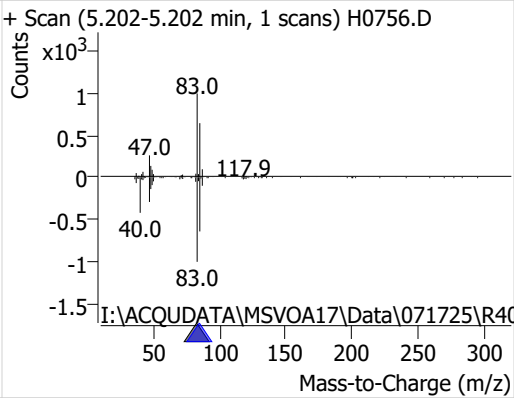




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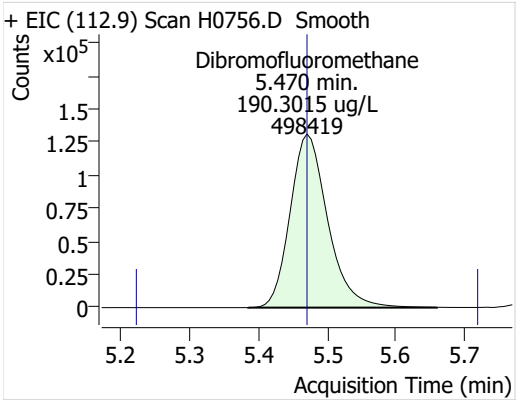


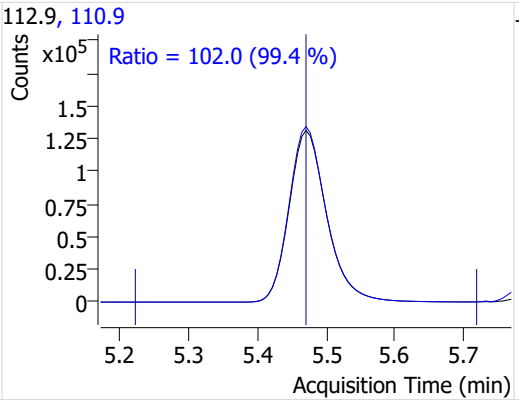


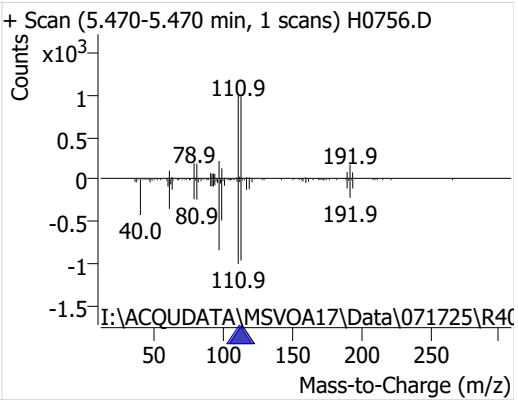


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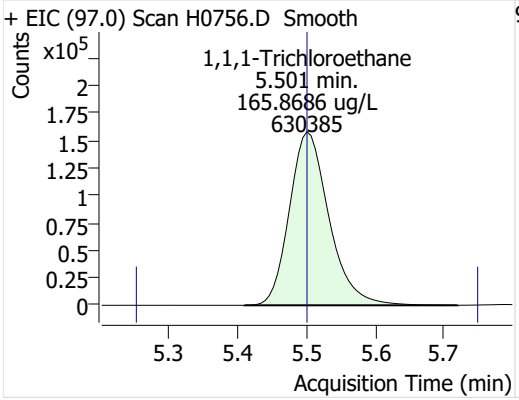
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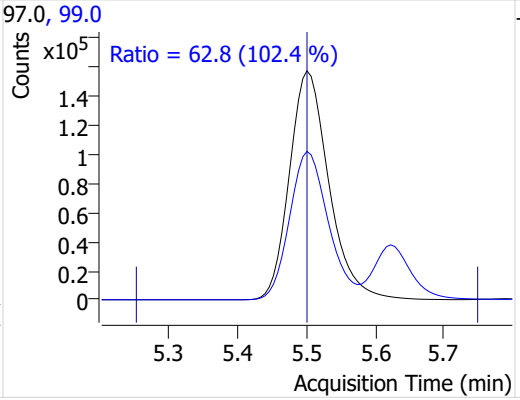


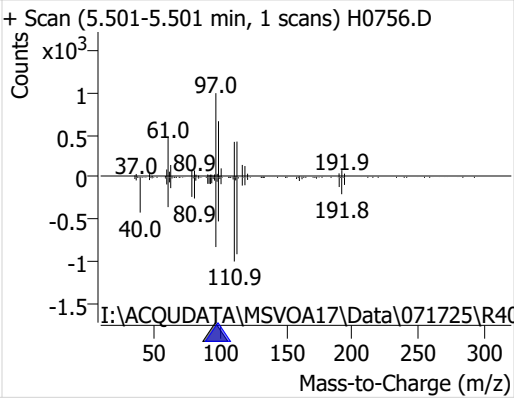




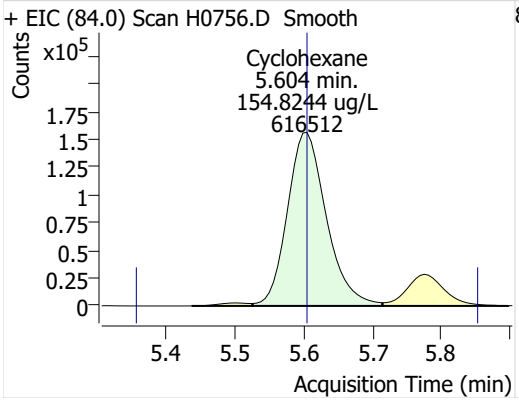
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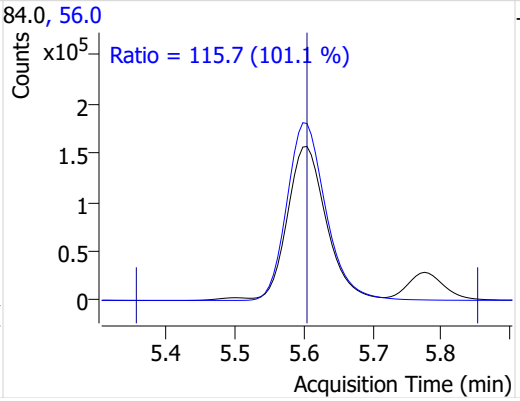


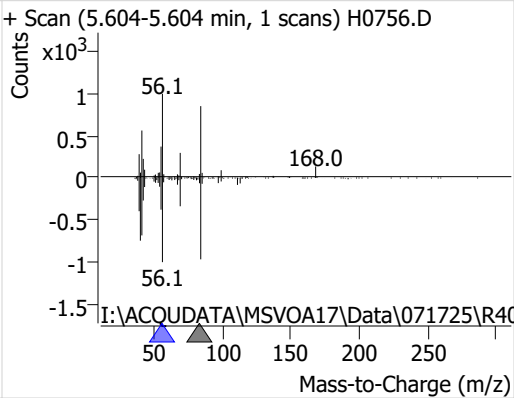




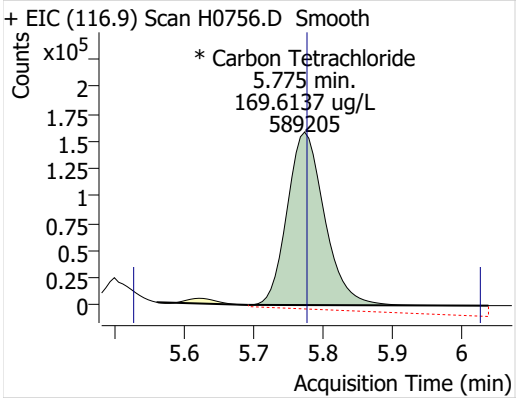
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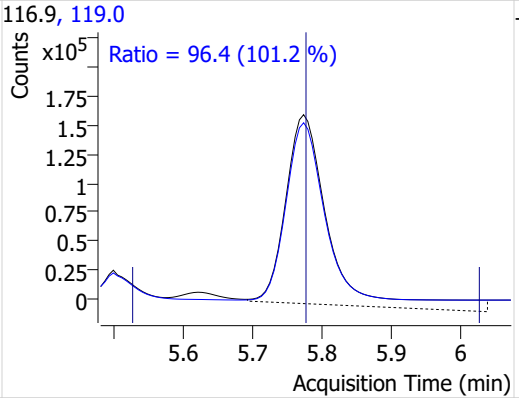


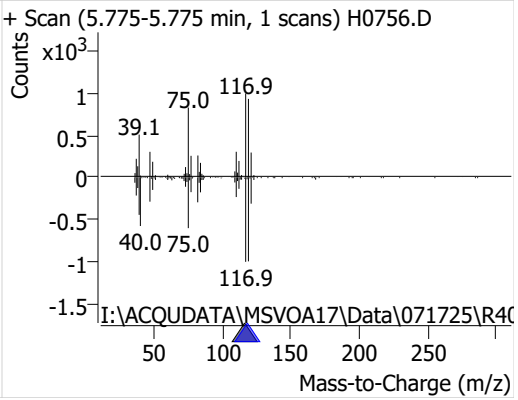




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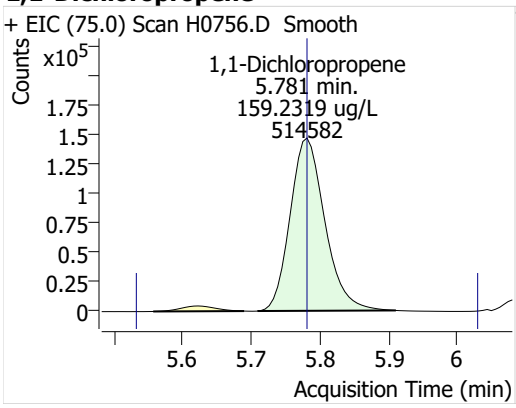


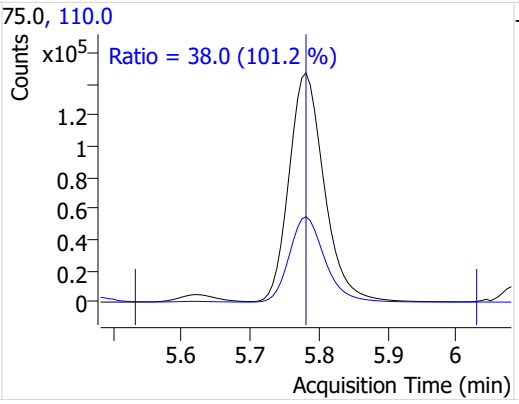


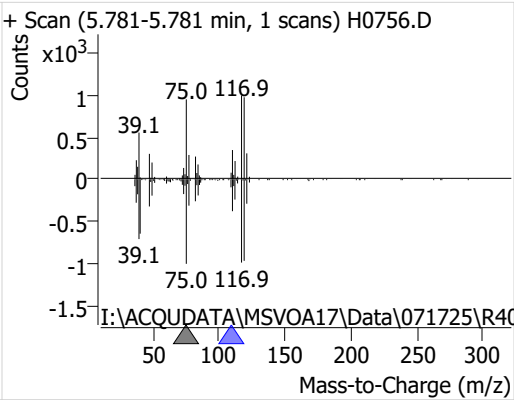


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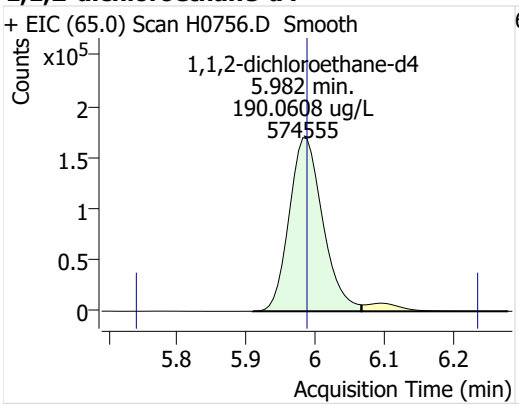
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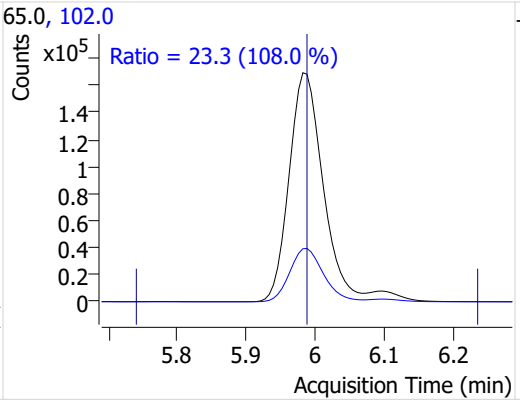


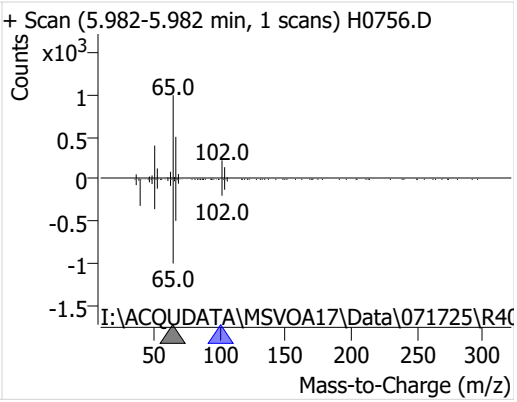




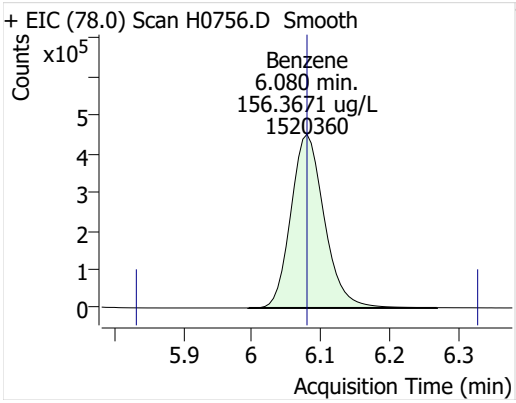
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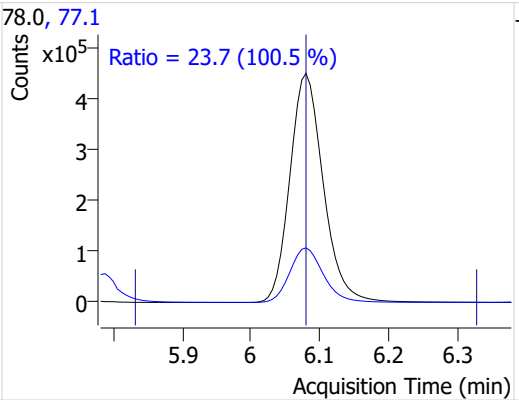


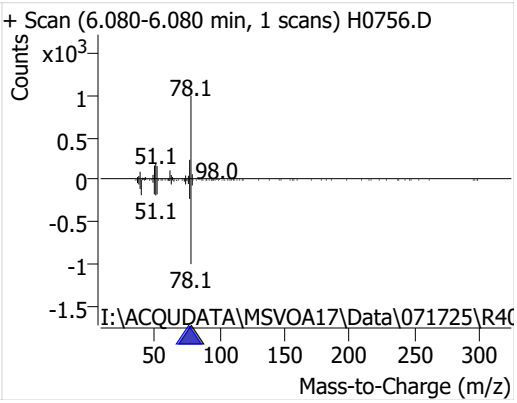




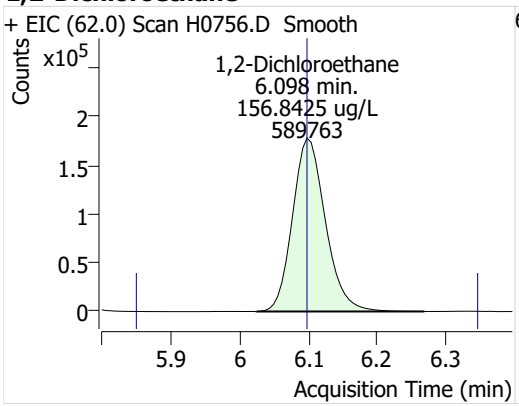
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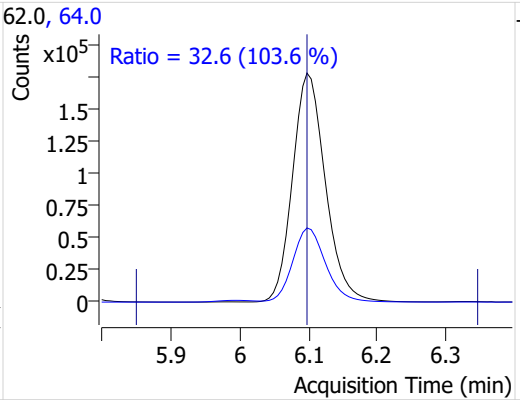


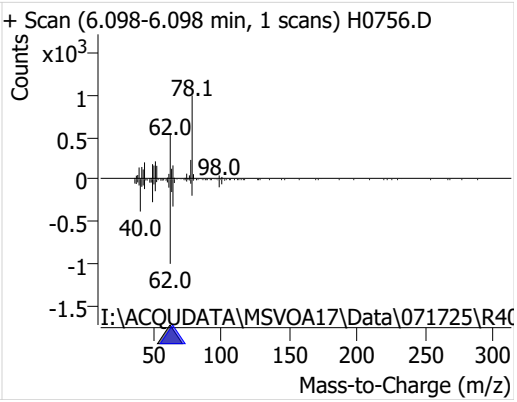




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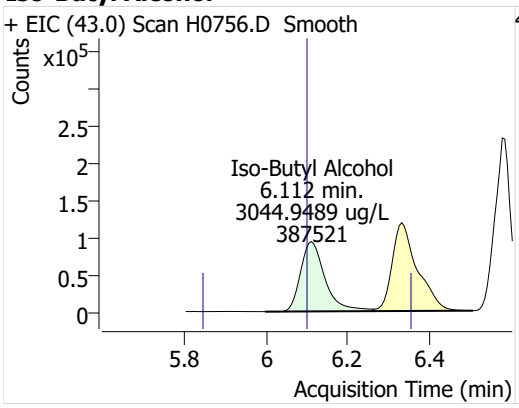


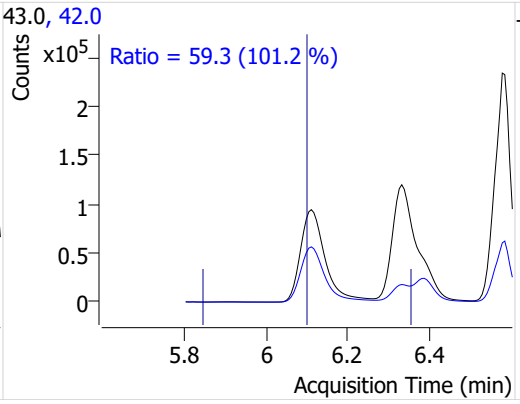


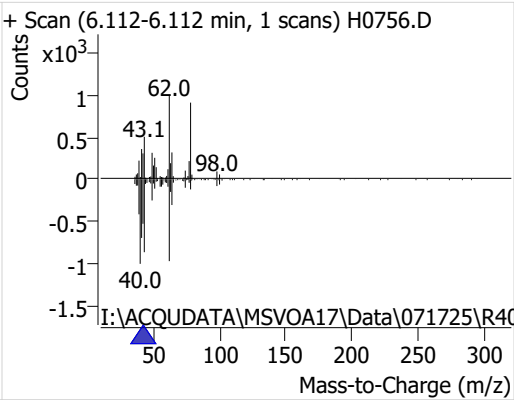


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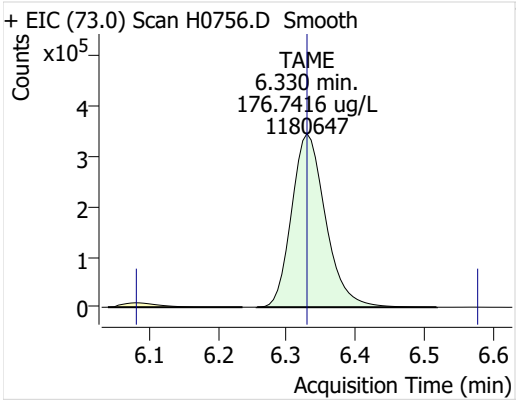
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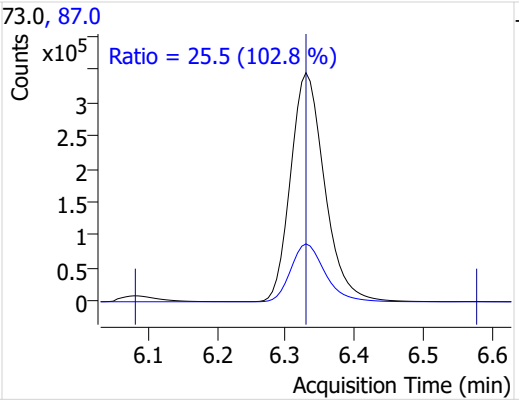


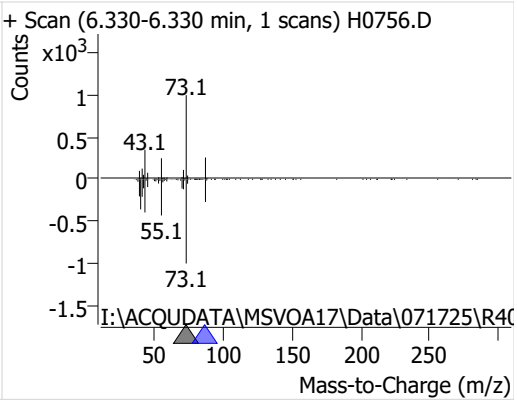




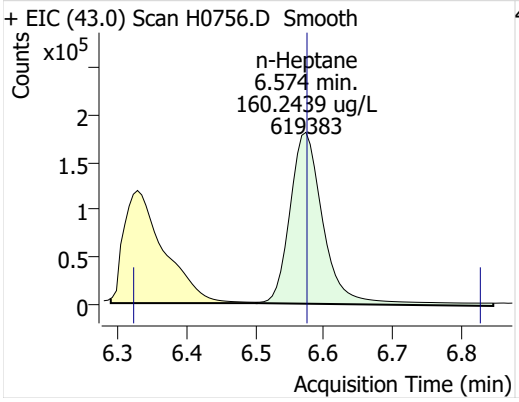
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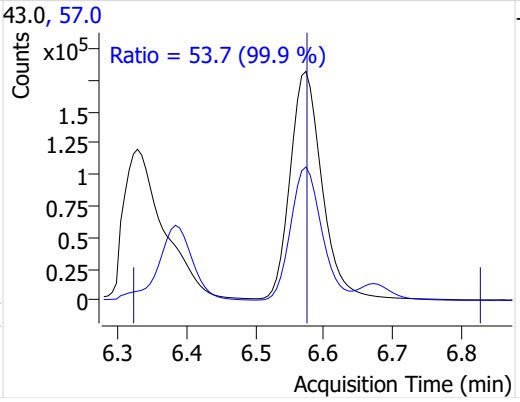


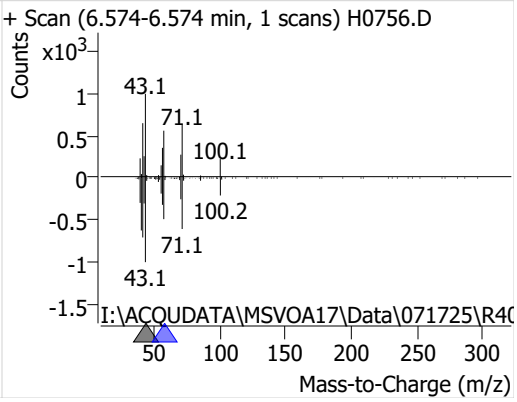




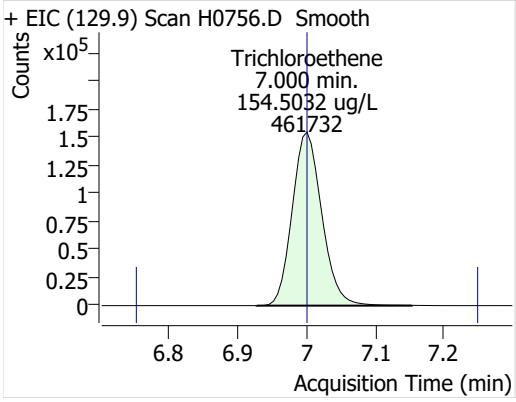
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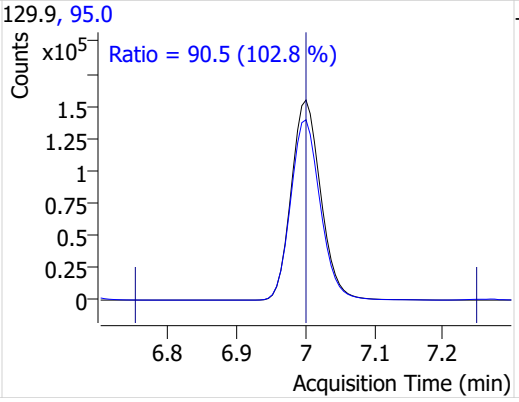


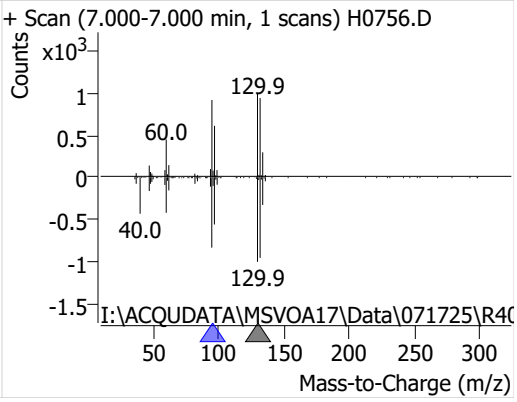




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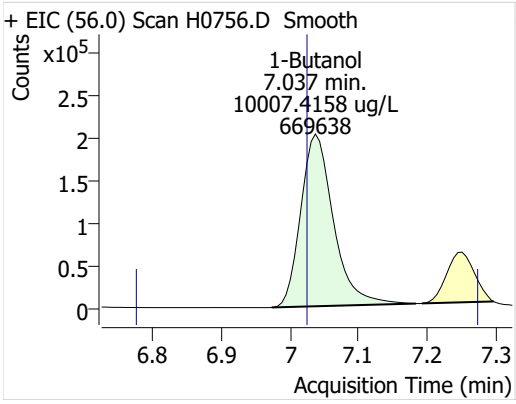


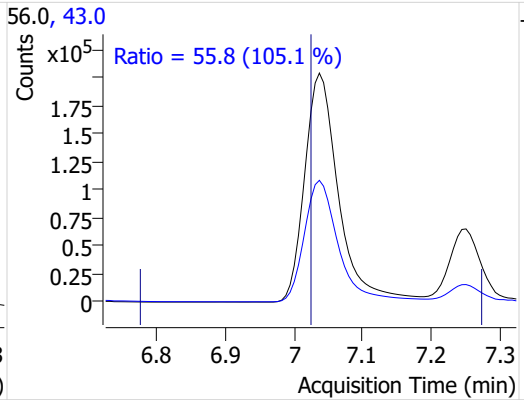


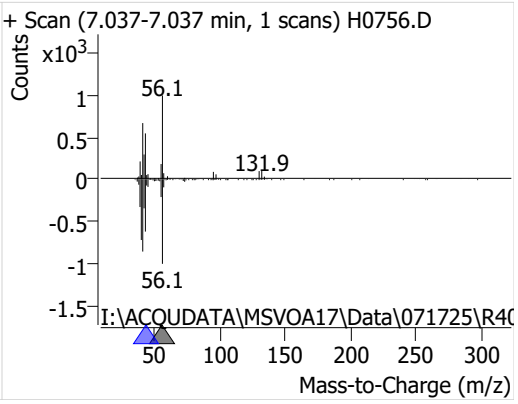


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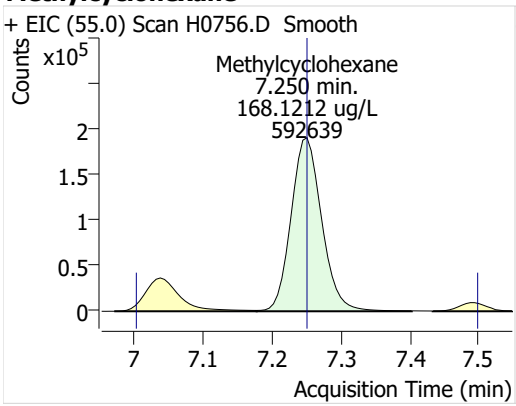
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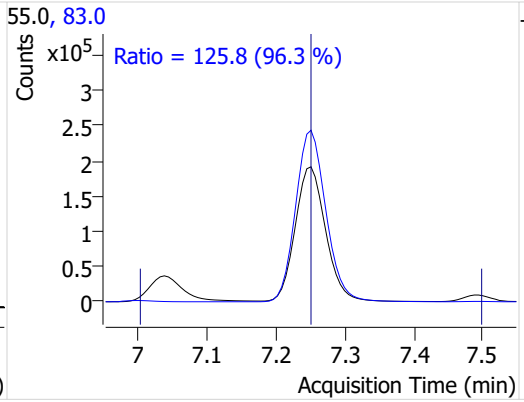


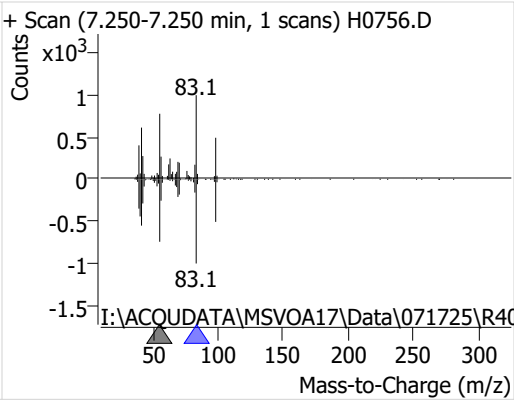




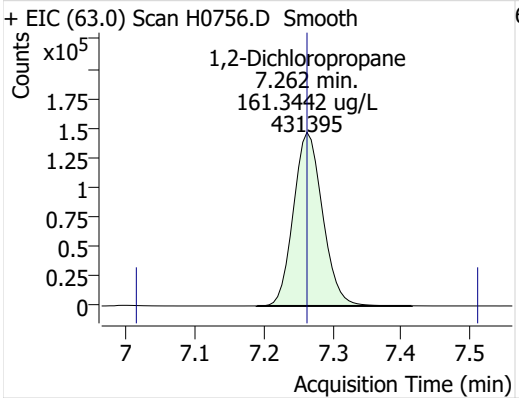
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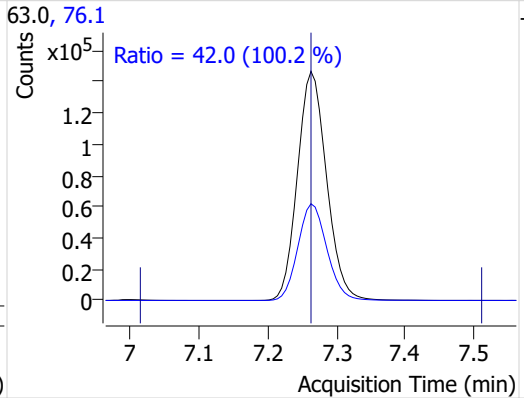


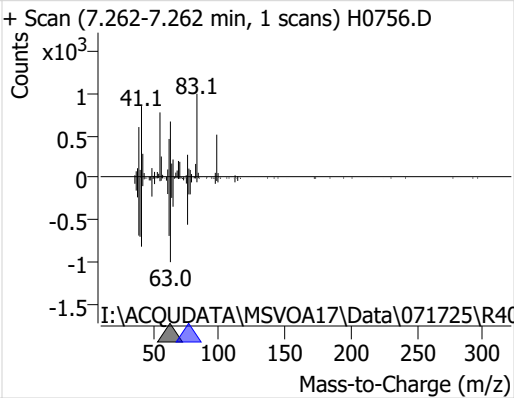




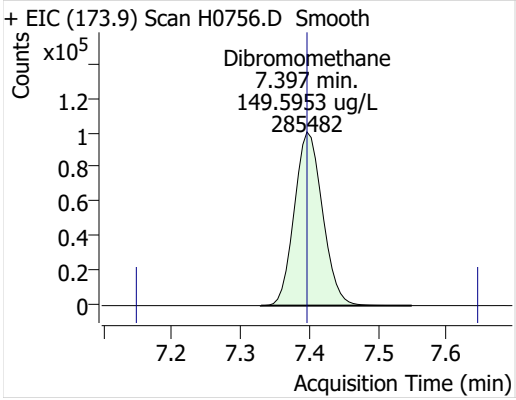
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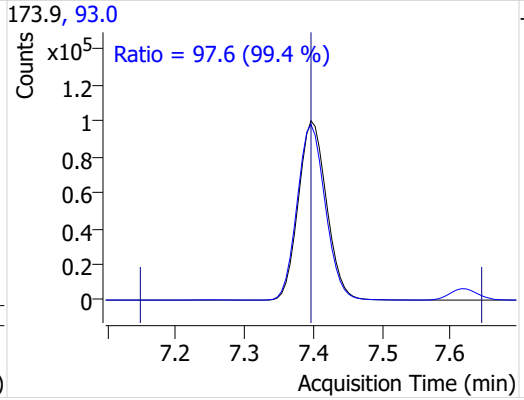


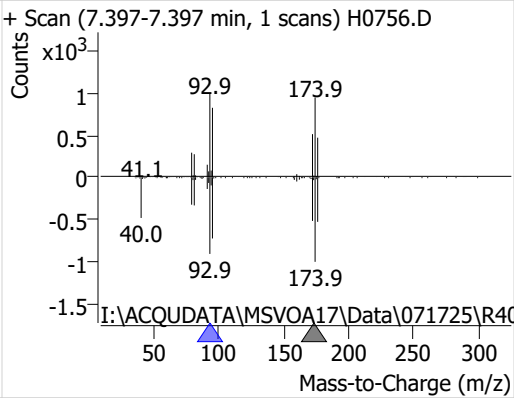




Dibromomethane

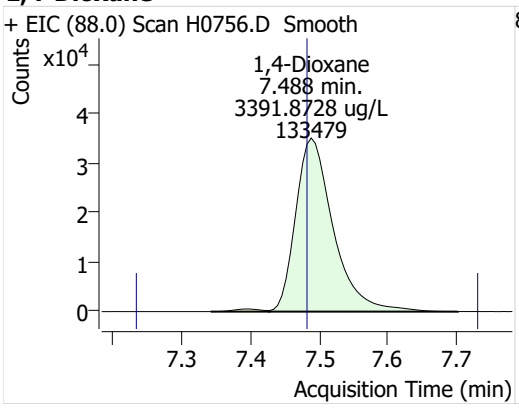


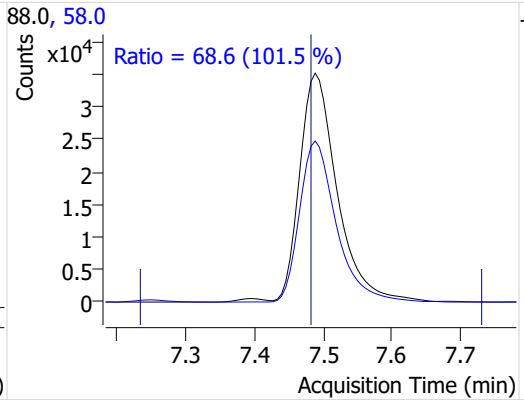


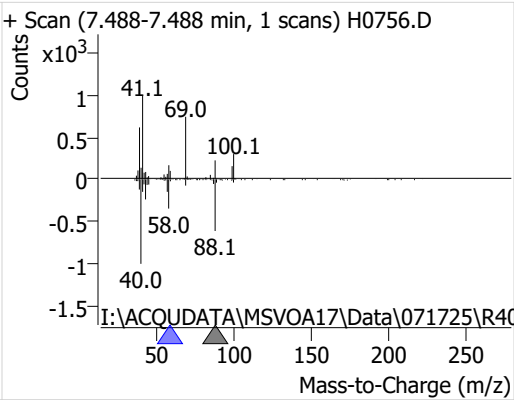


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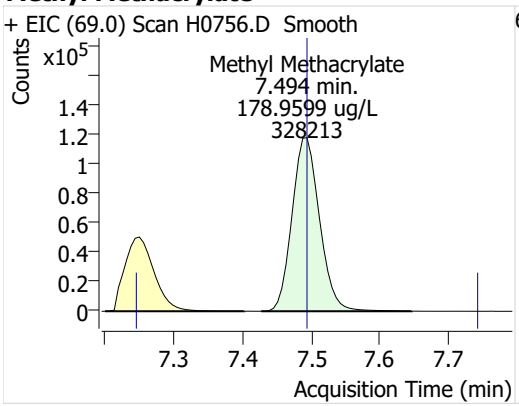
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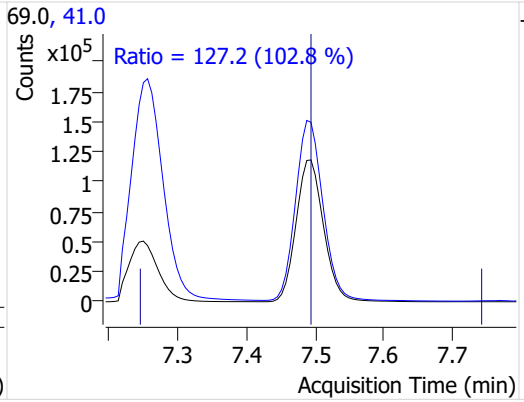


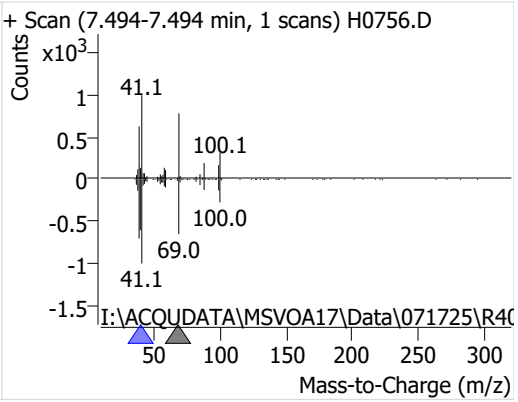




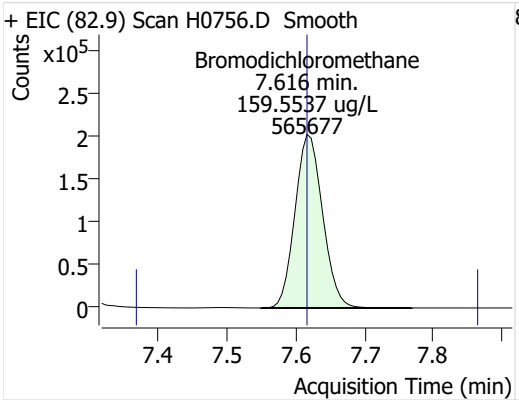
Methyl Methacrylate

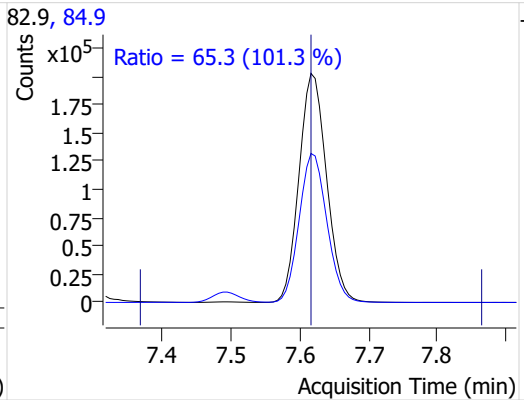


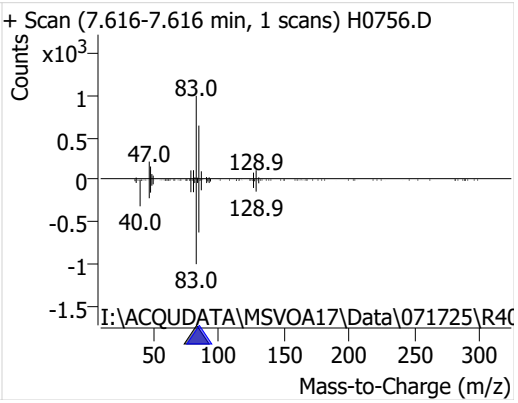




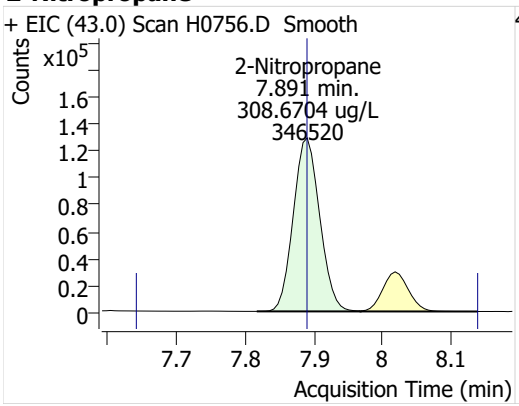
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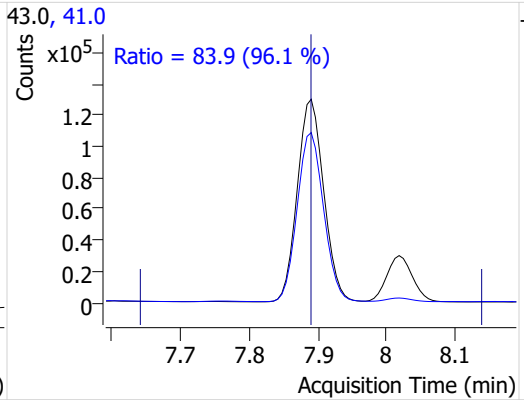


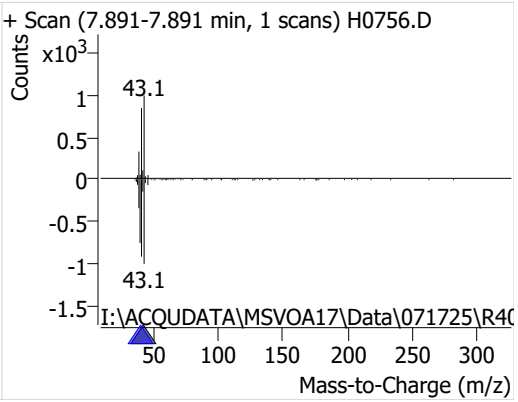




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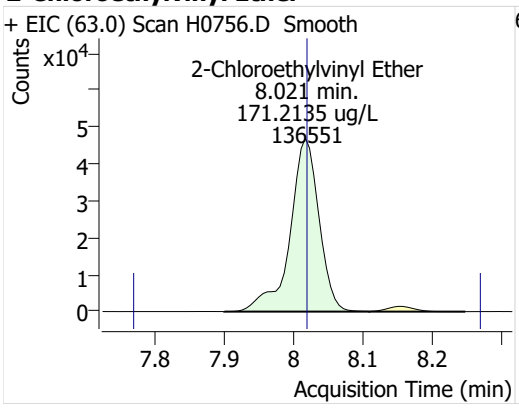


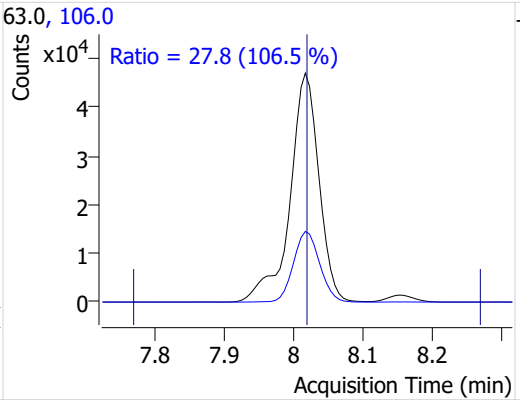


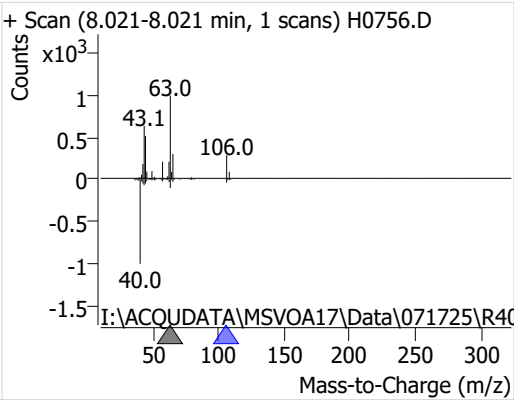


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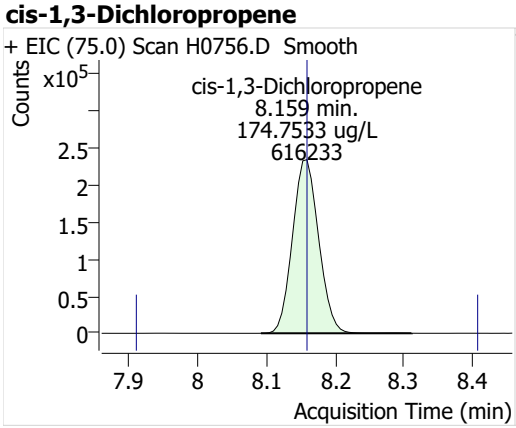
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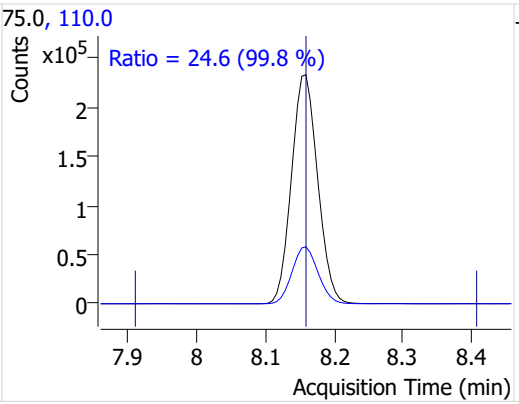


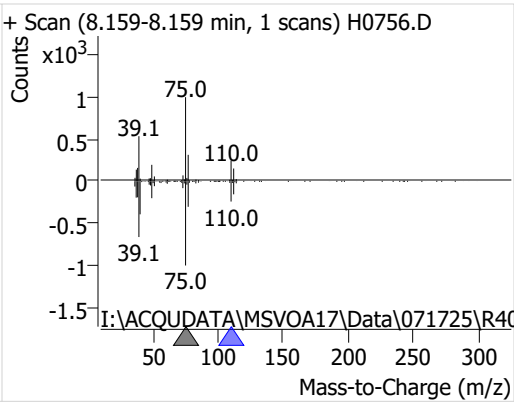




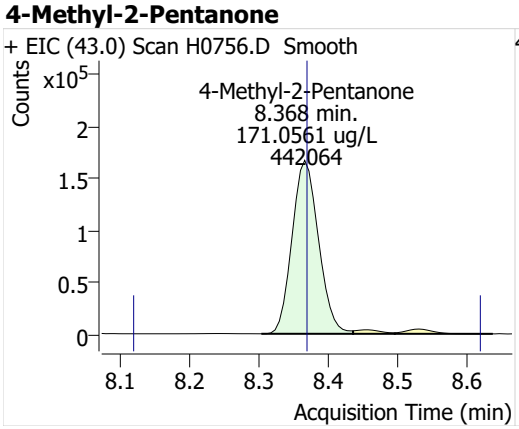
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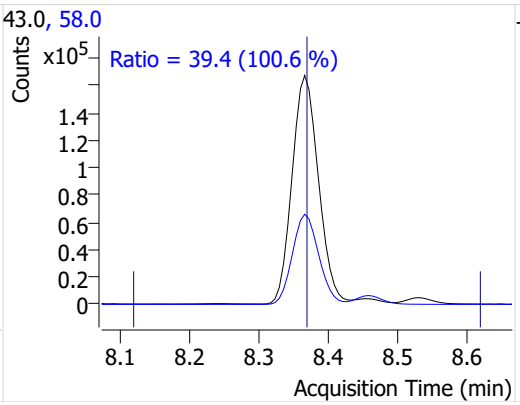


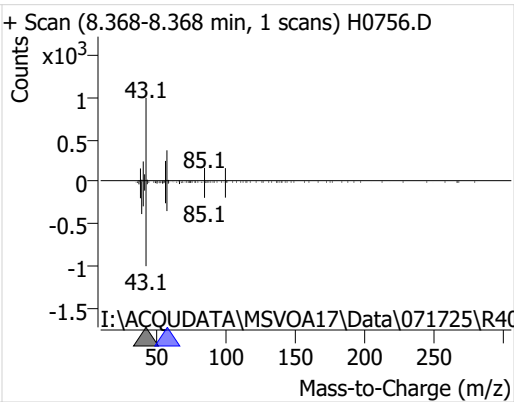




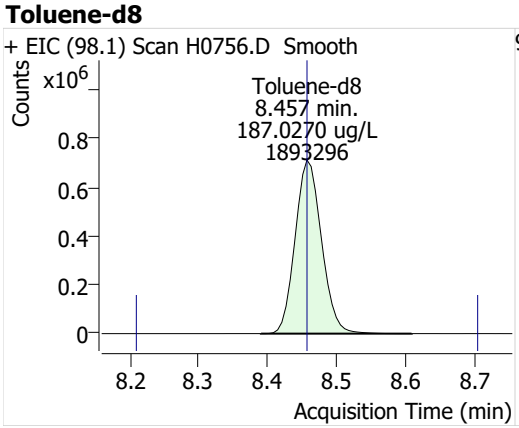
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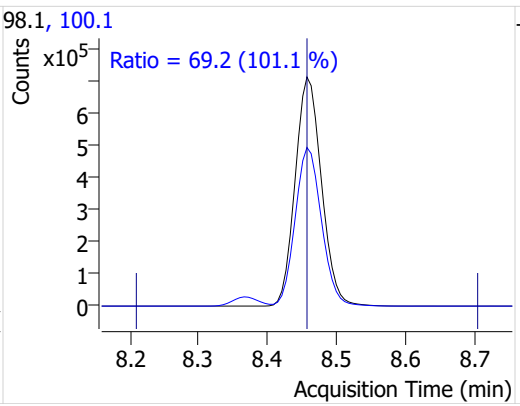


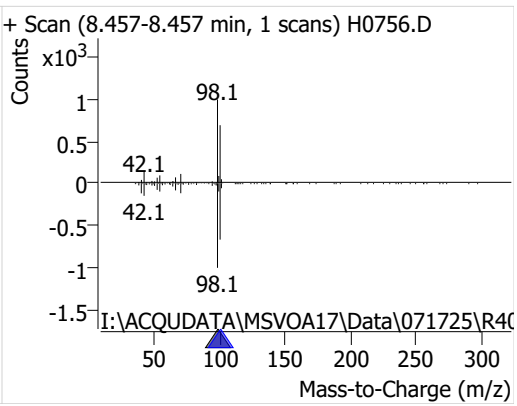




Toluene-d8

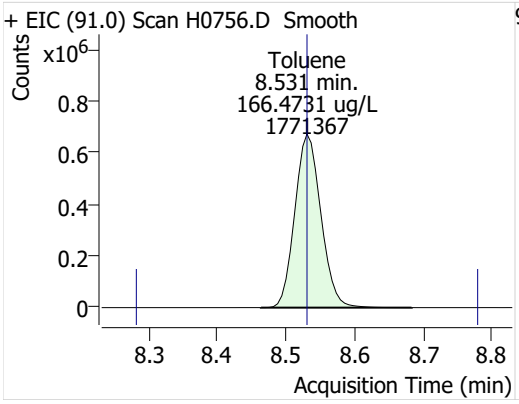


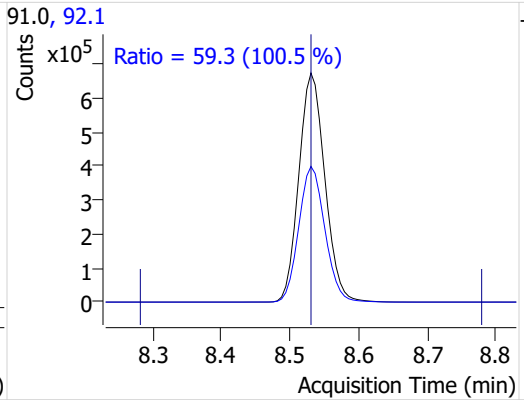


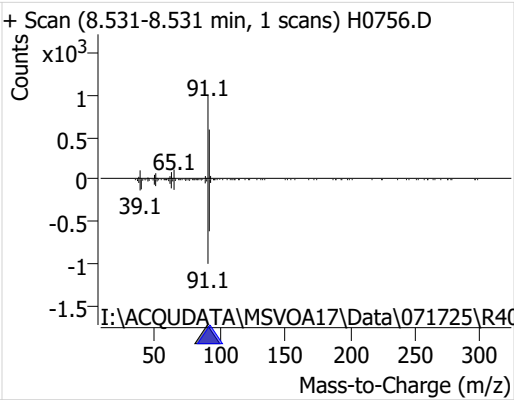


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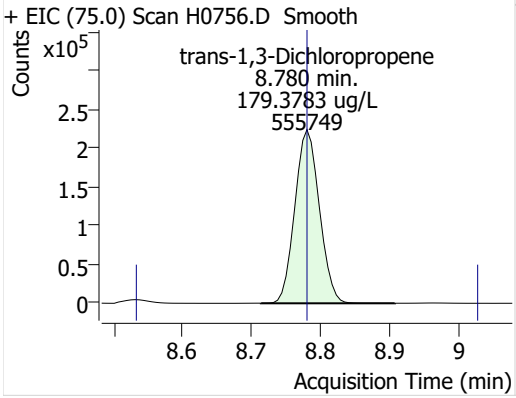
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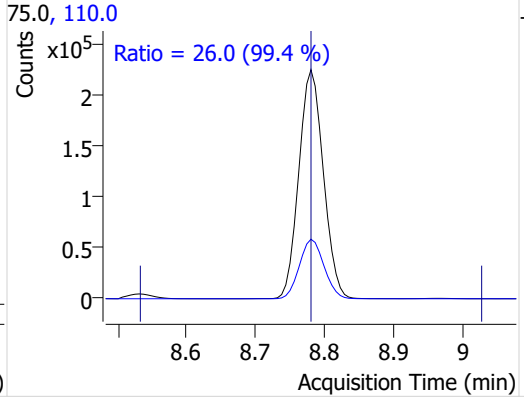


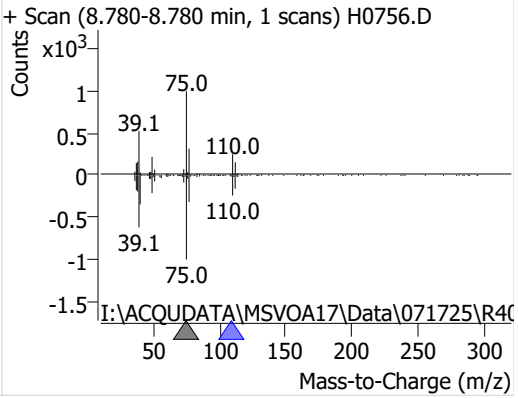




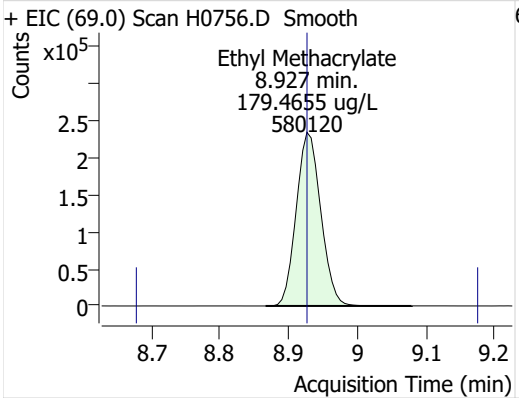
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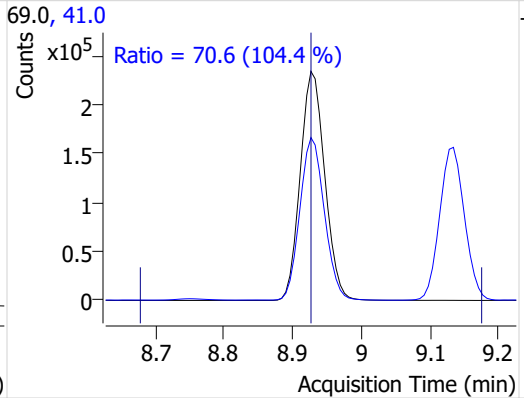


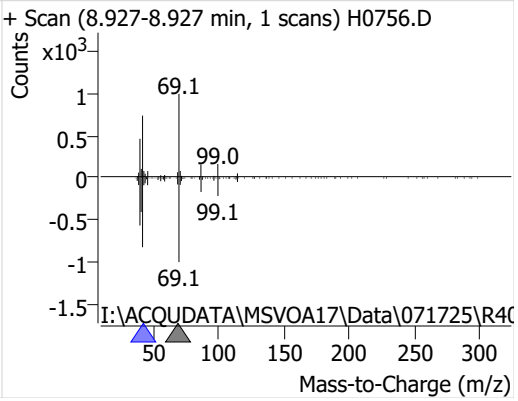




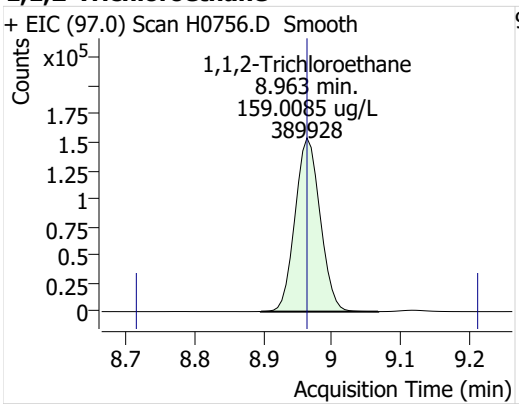
Ethyl Methacrylate

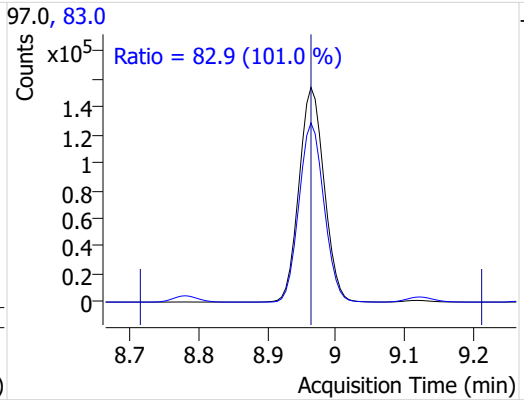


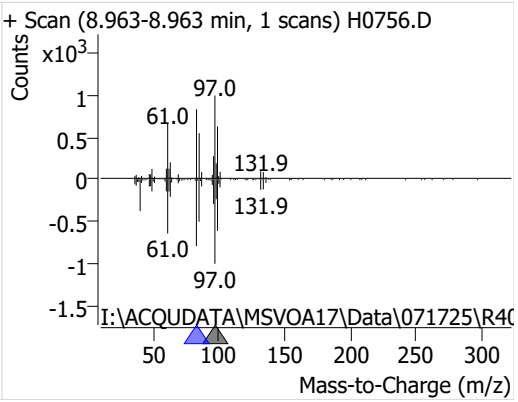




1,1,2-Trichloroethane

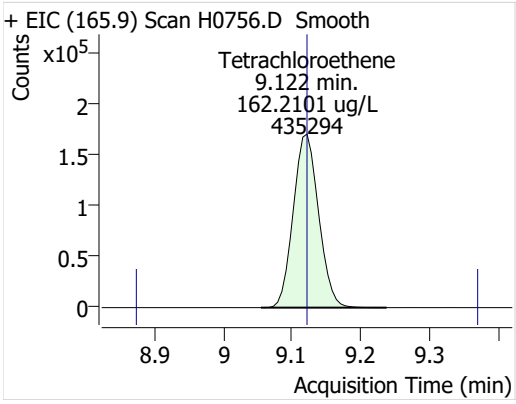


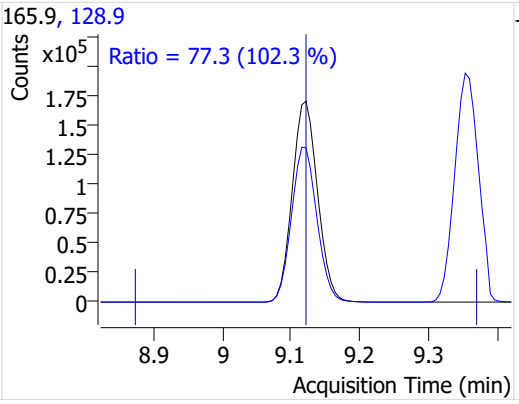


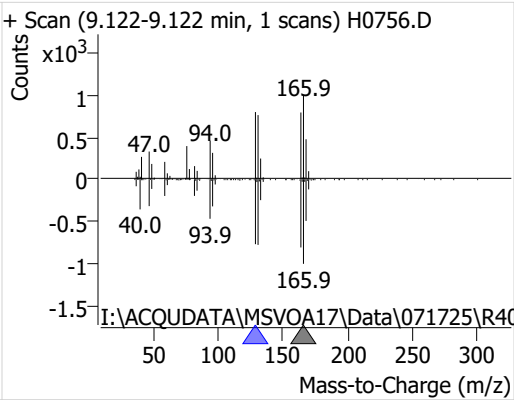


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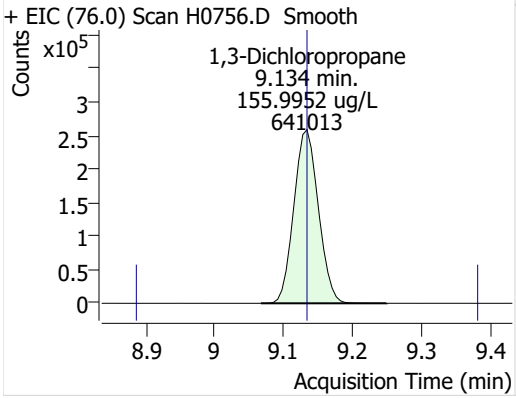
Tetrachloroethene

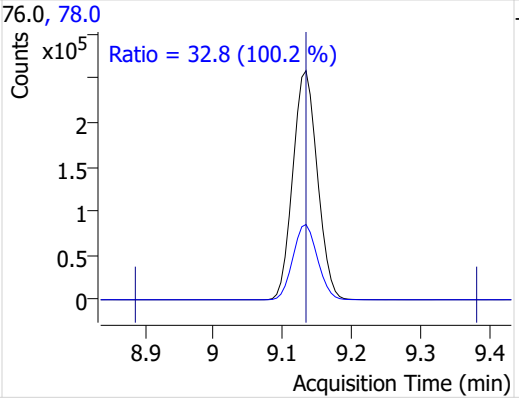


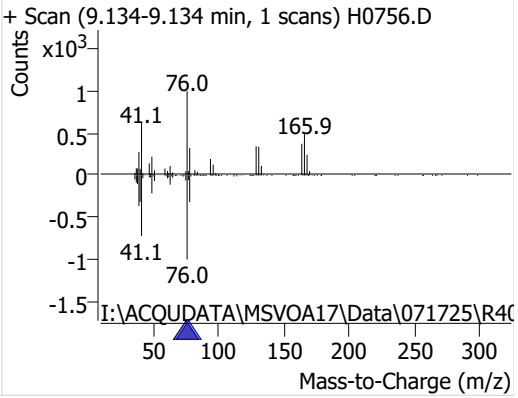




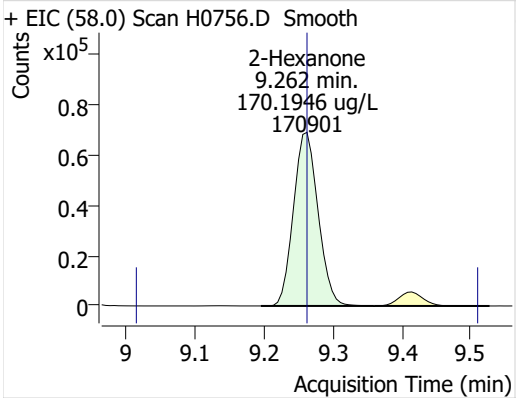
1,3-Dichloropropane

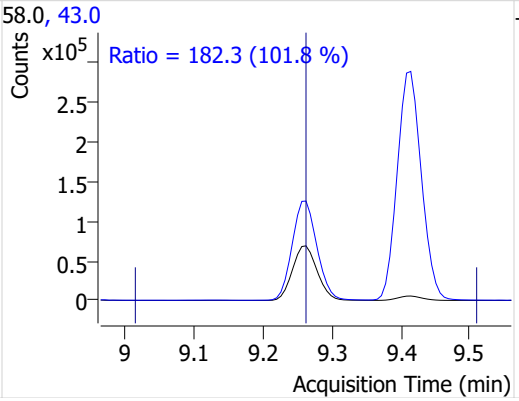


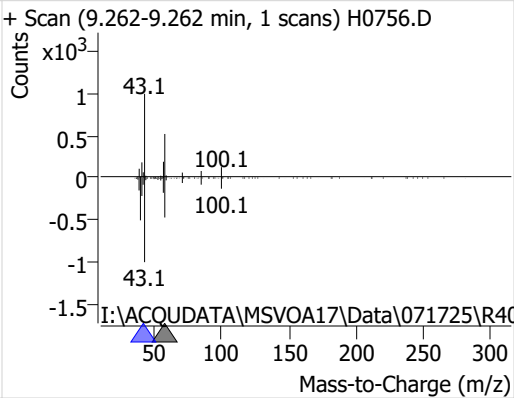




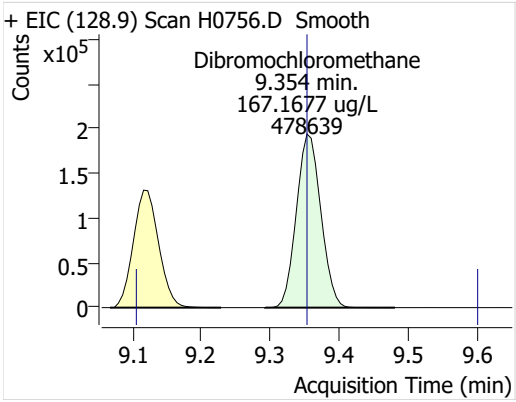
2-Hexanone

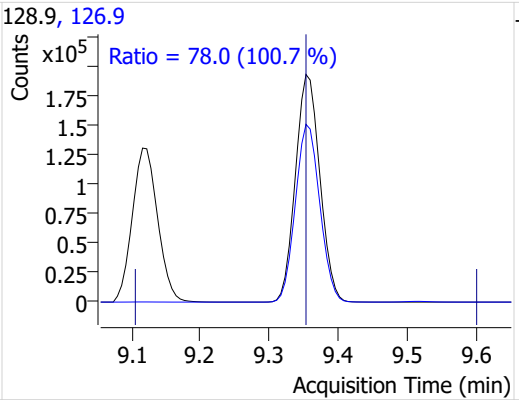


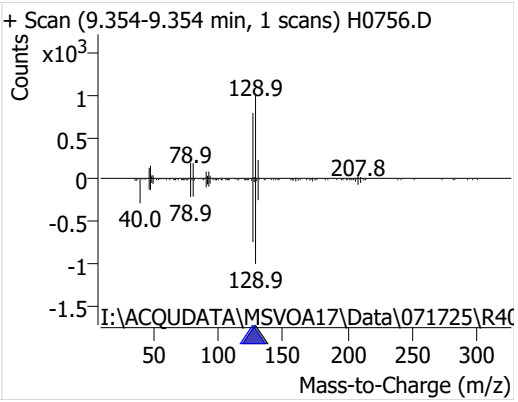




Dibromochloromethane

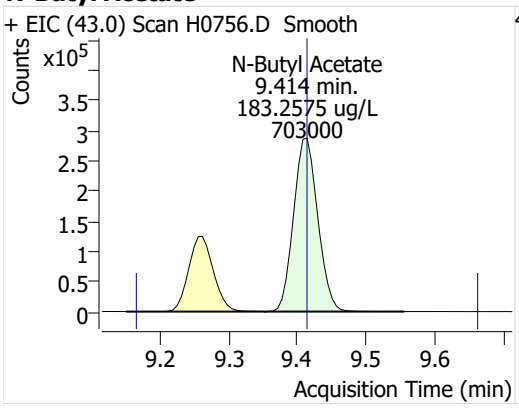


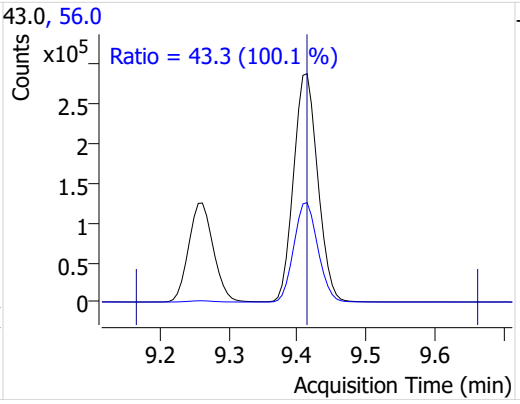


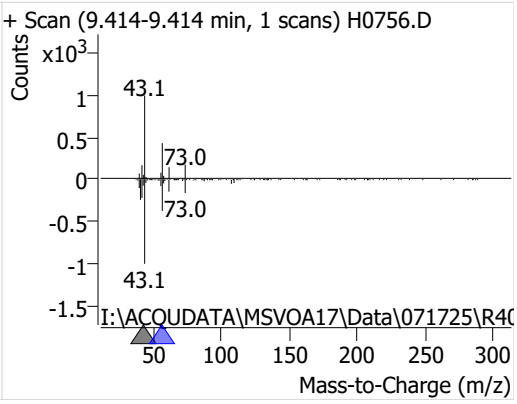


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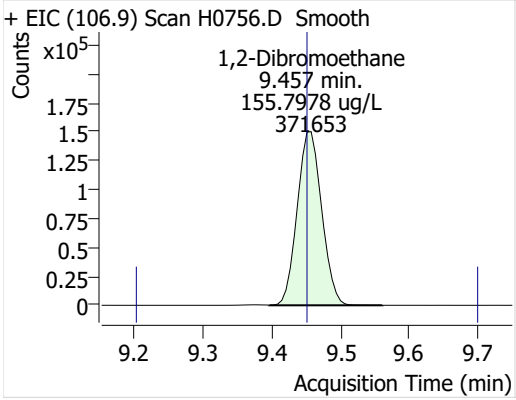
N-Butyl Acetate

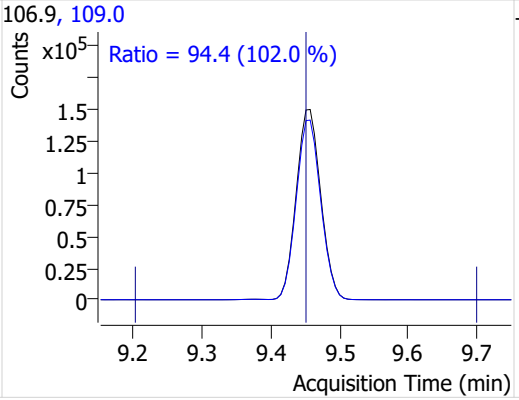


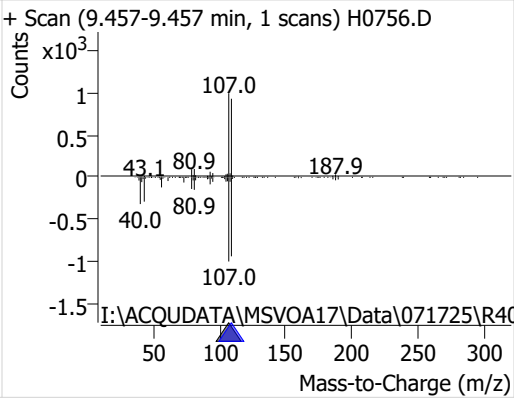




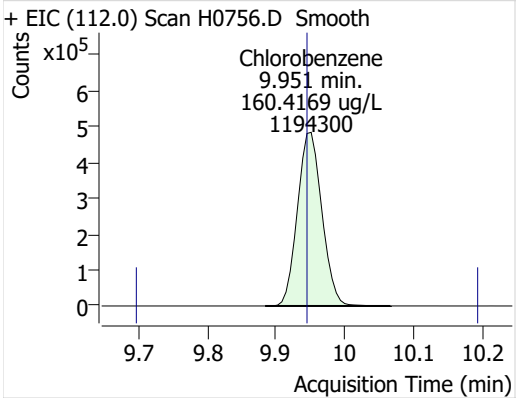
1,2-Dibromoethane

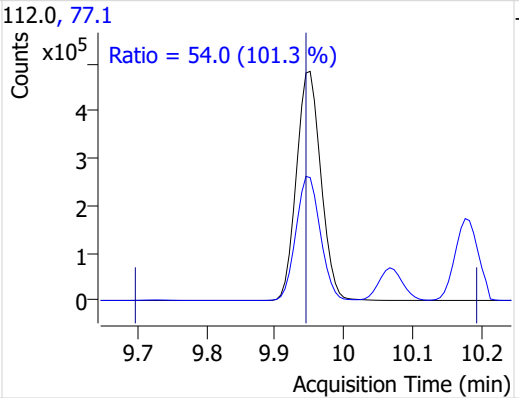


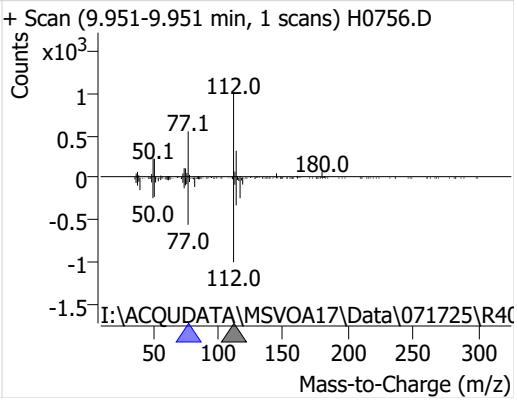




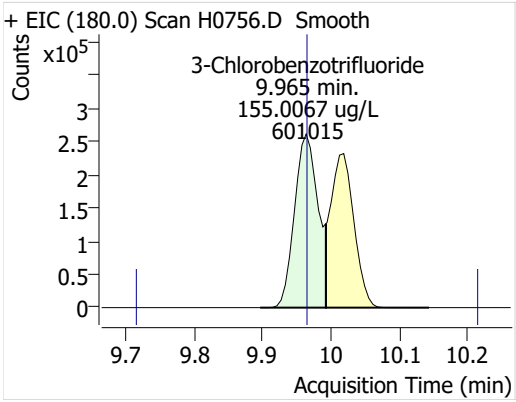
Chlorobenzene

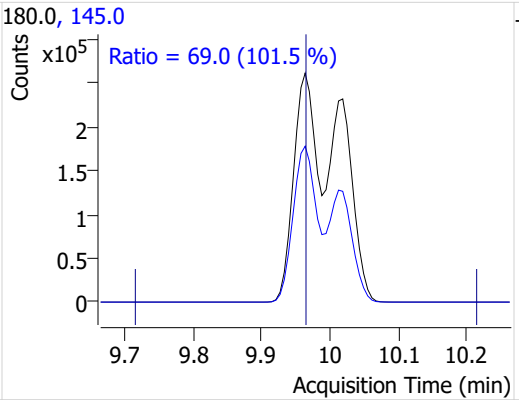


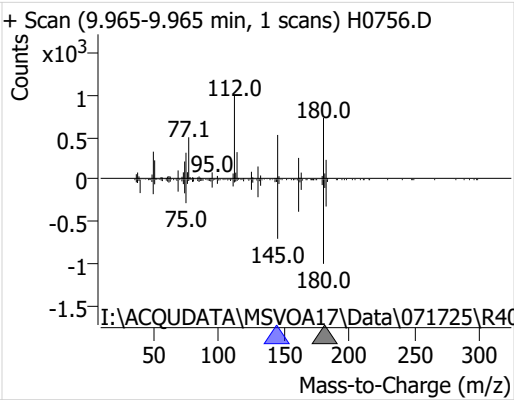




3-Chlorobenzotrifluoride

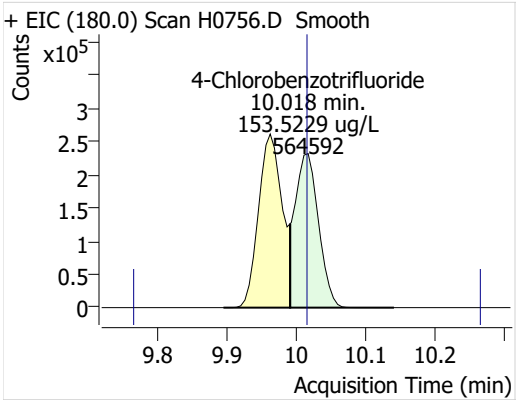


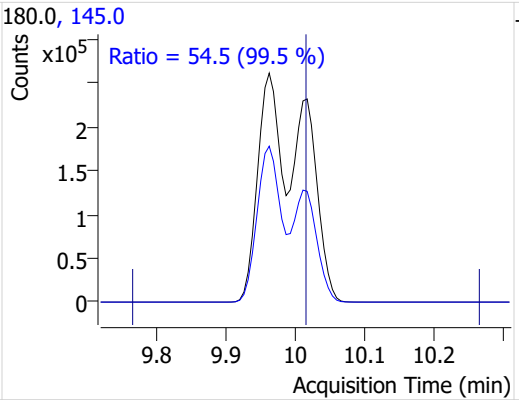


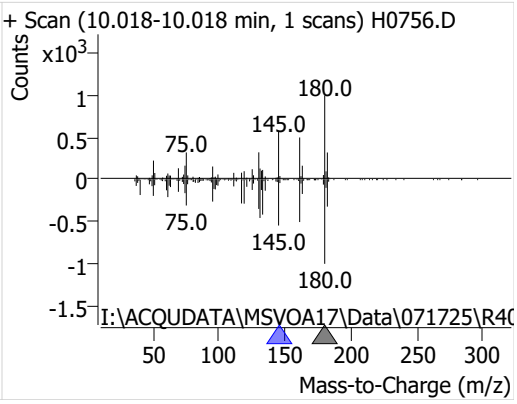


Masshunter Quantitative Analysis Sample Report

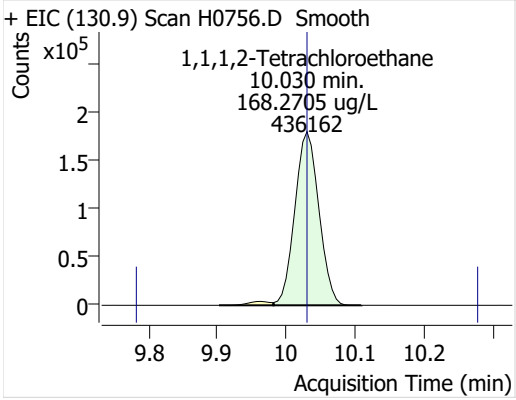
4-Chlorobenzotrifluoride

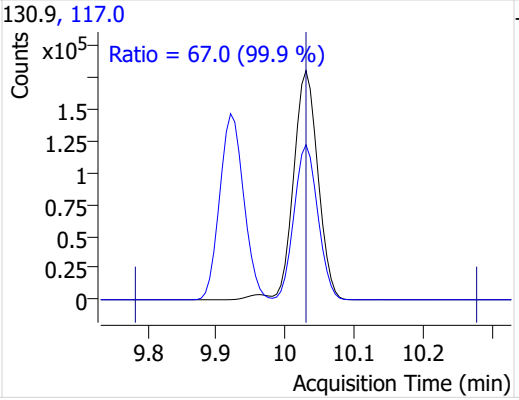


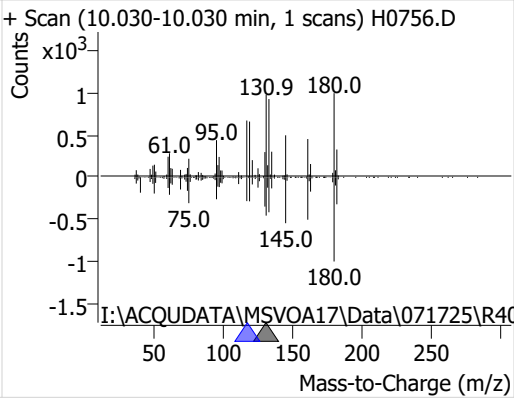




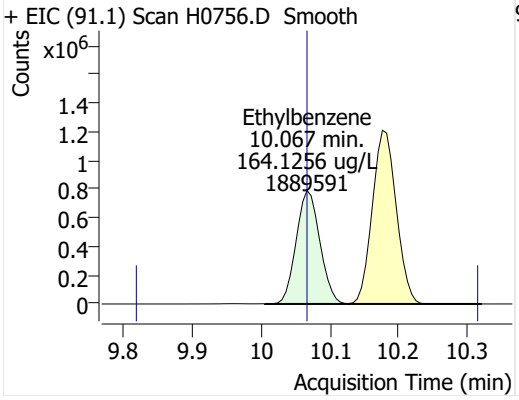
1,1,1,2-Tetrachloroethane

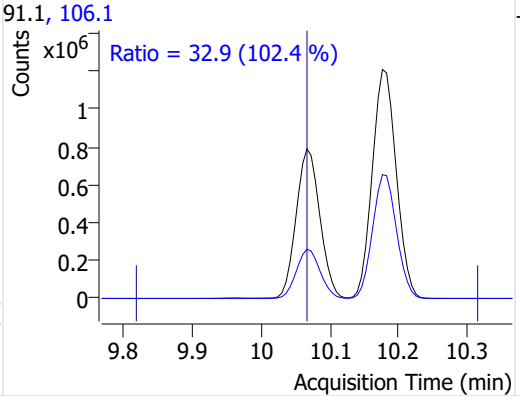


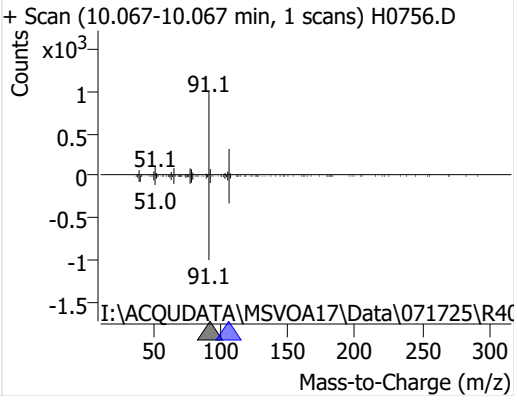




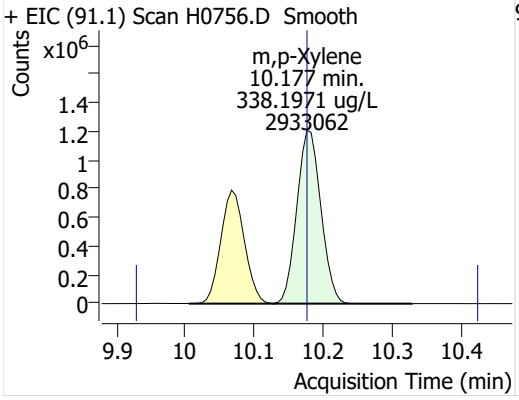
Ethylbenzene

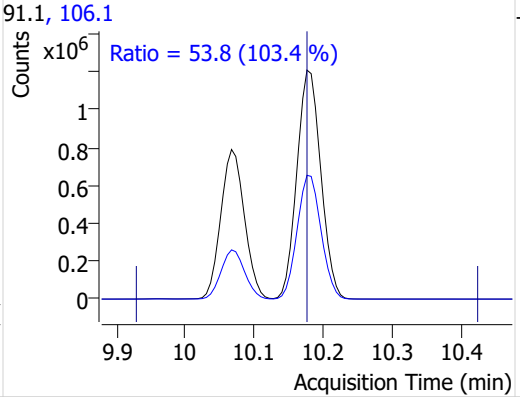


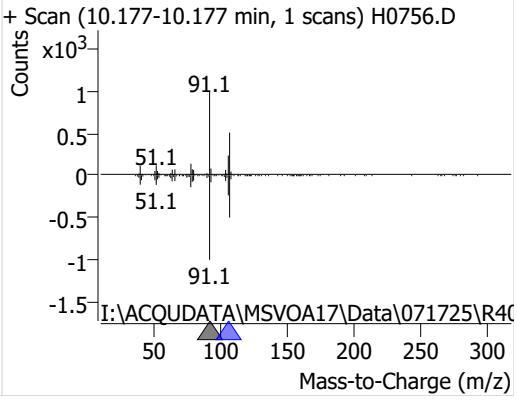




m,p-Xylene

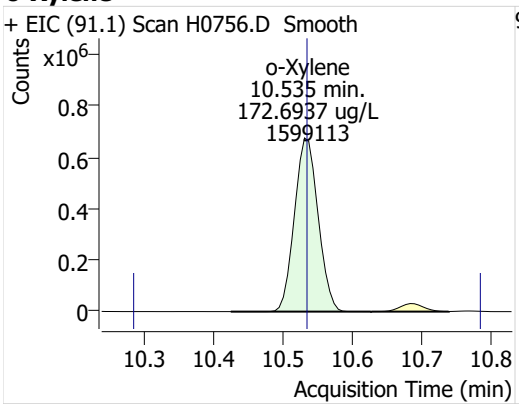


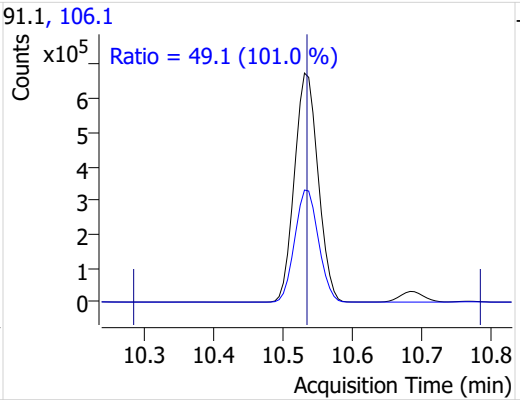


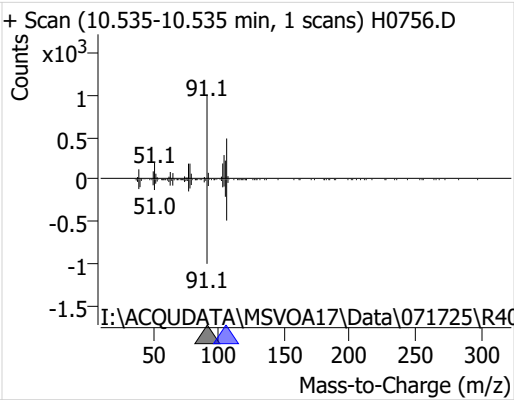


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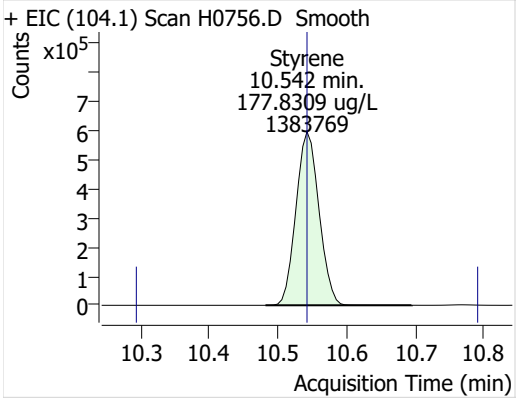
o-Xylene

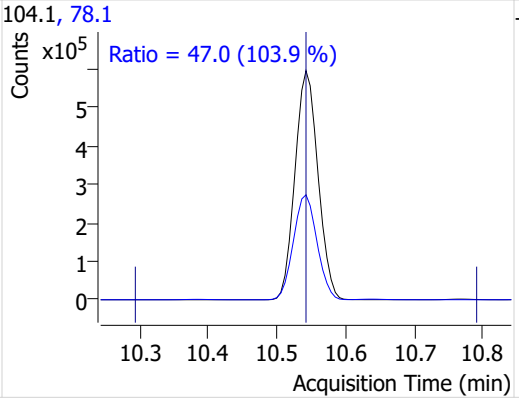


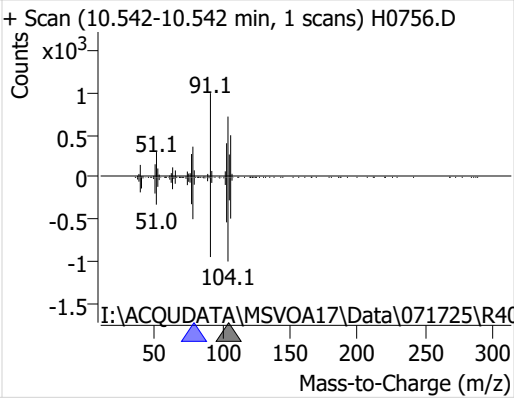




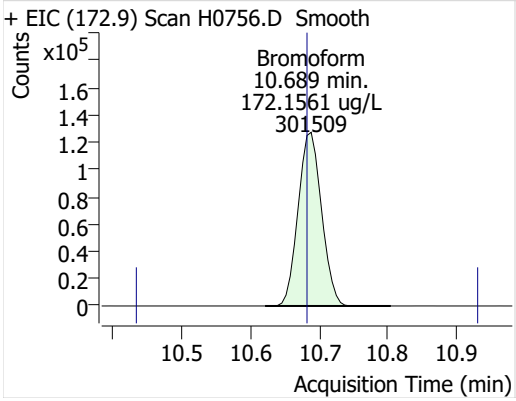
Styrene

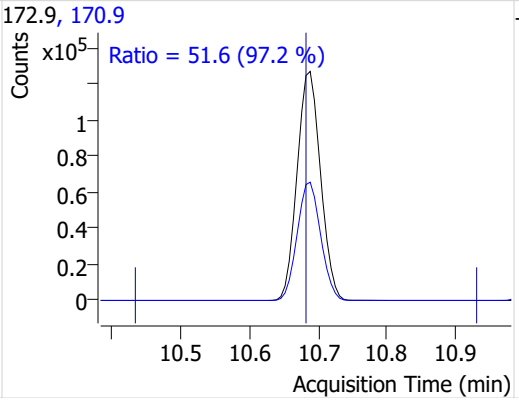


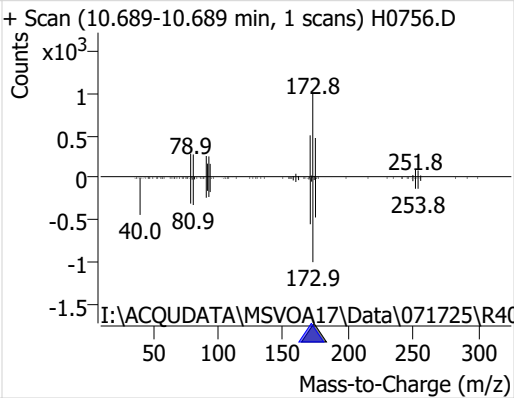




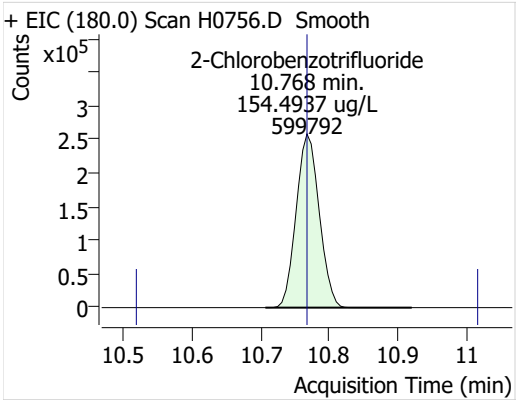
Bromoform

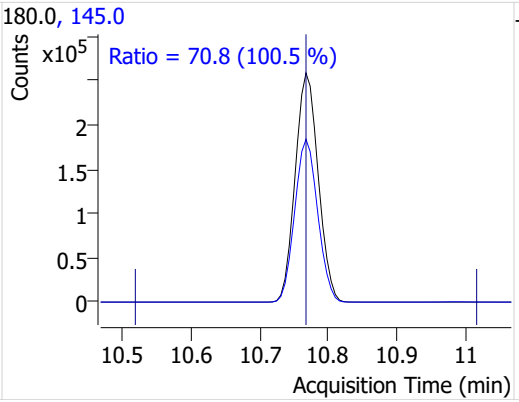


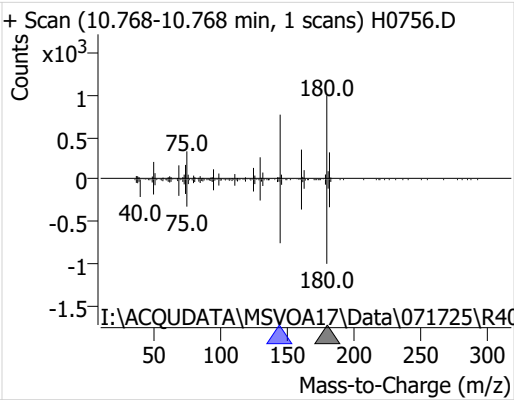




2-Chlorobenzotrifluoride

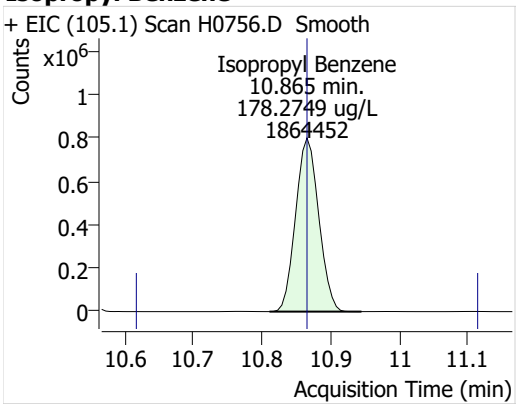


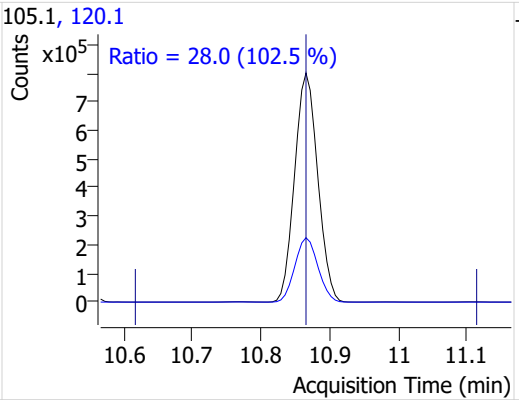


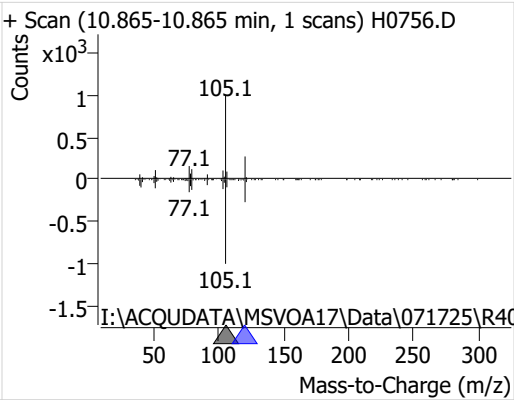


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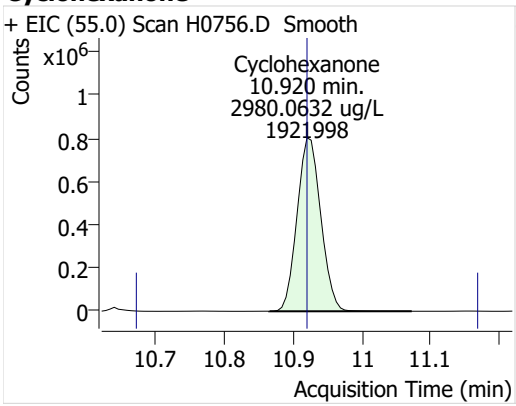
Isopropyl Benzene

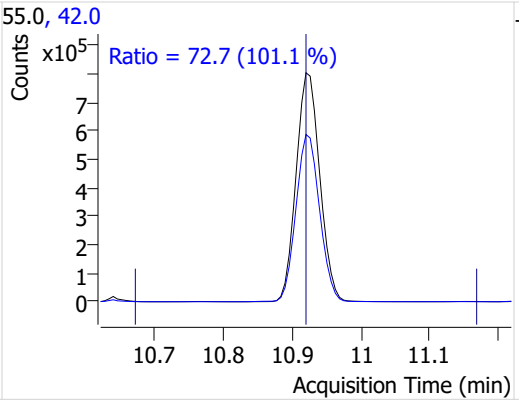


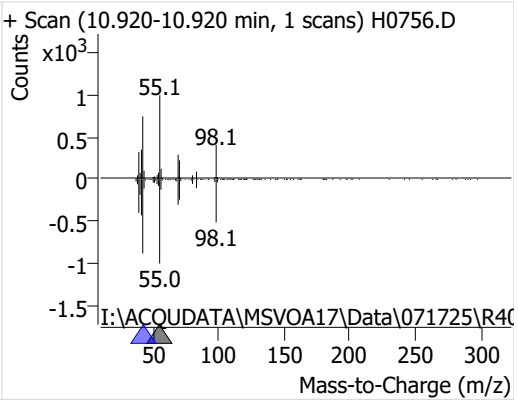




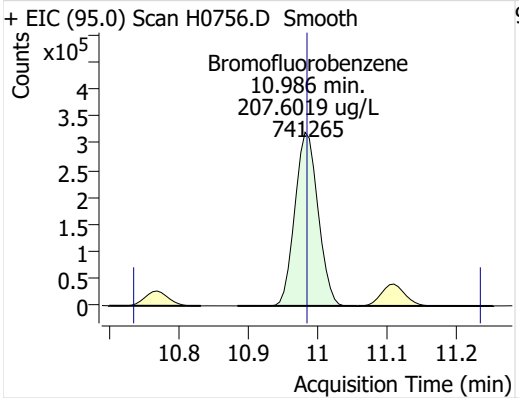
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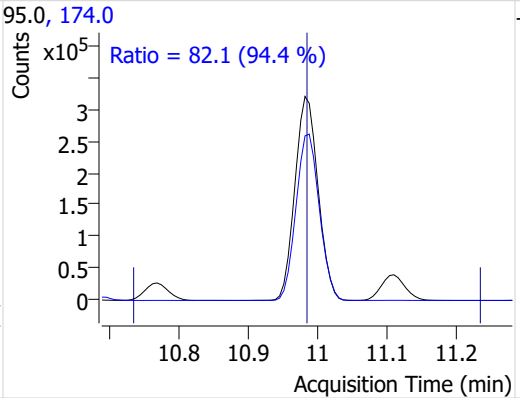


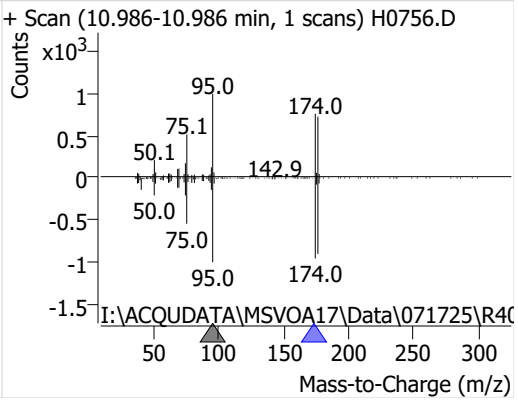




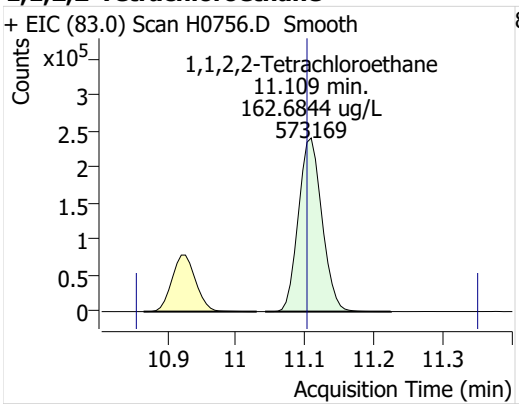
Bromofluorobenzene

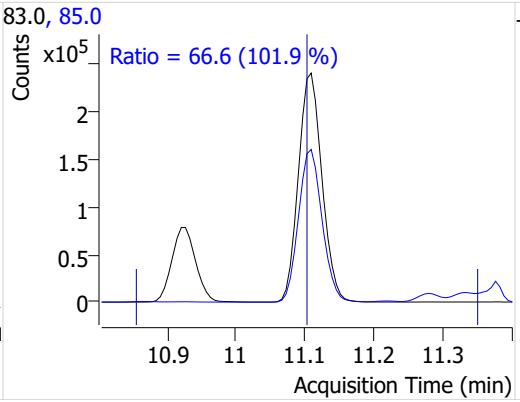


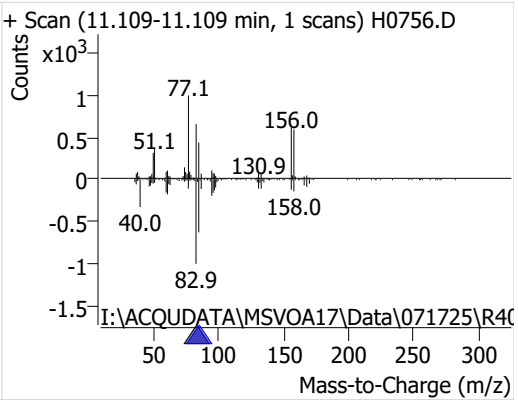




1,1,2,2-Tetrachloroethane

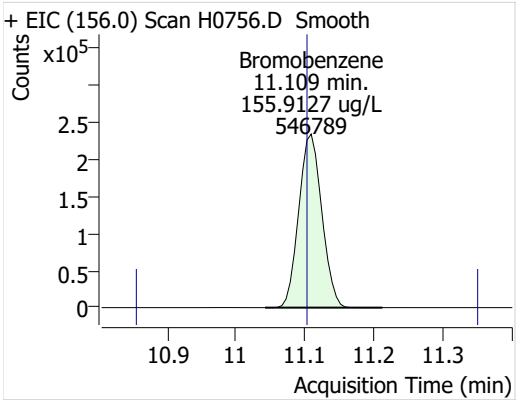


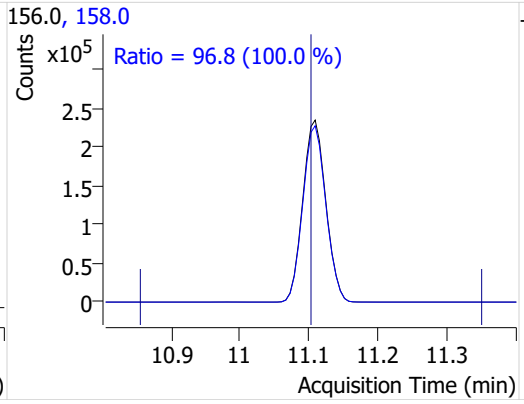


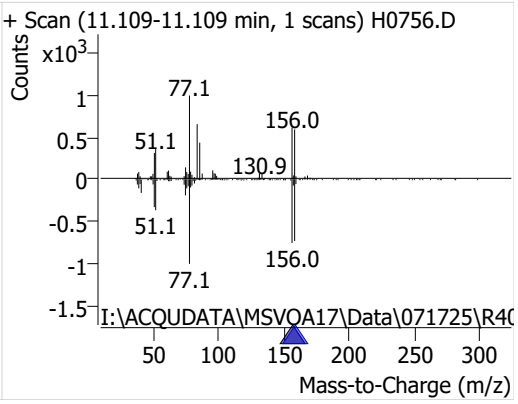


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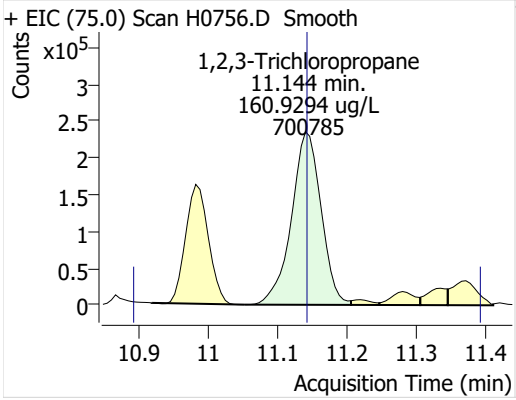
Bromobenzene

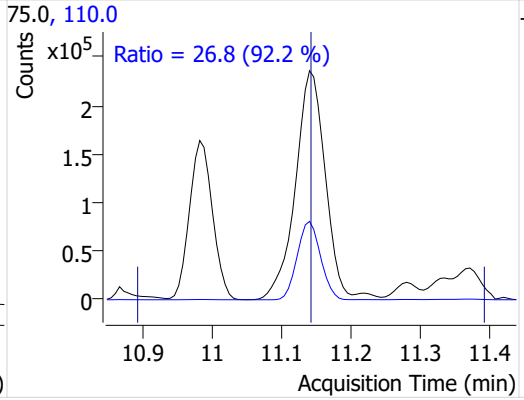


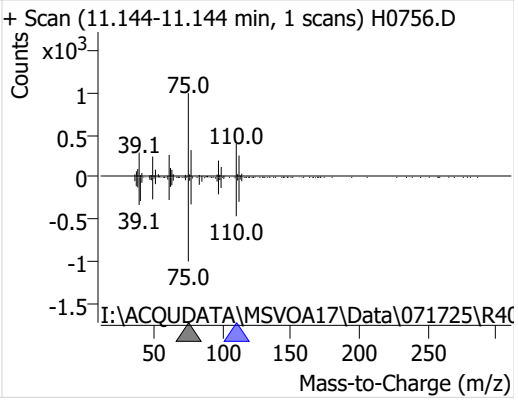




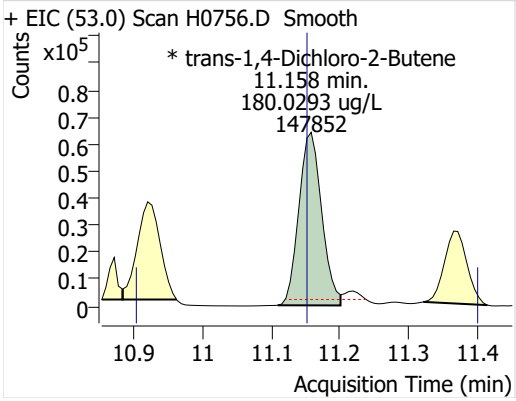
1,2,3-Trichloropropane

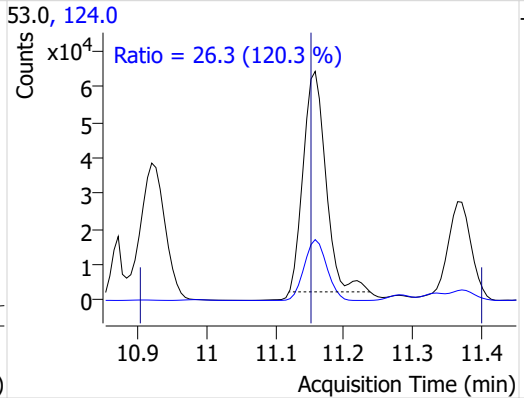


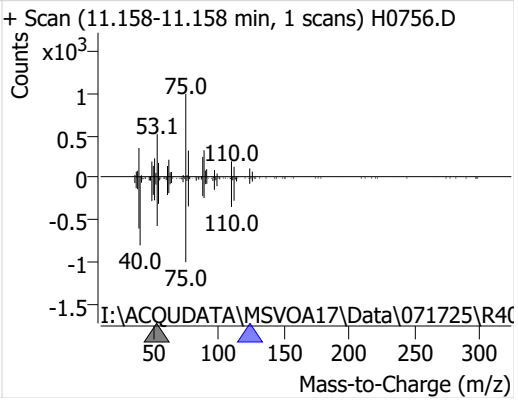




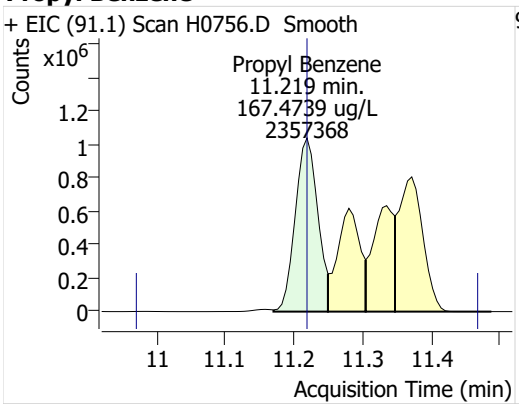
trans-1,4-Dichloro-2-Butene

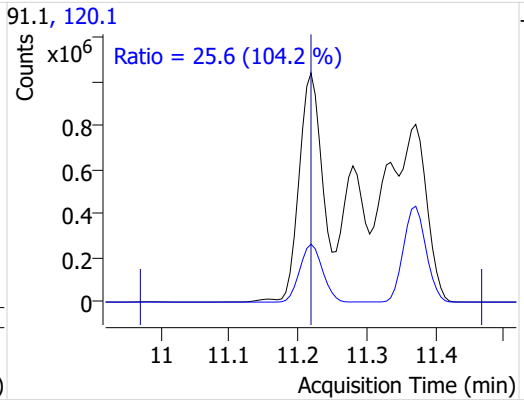


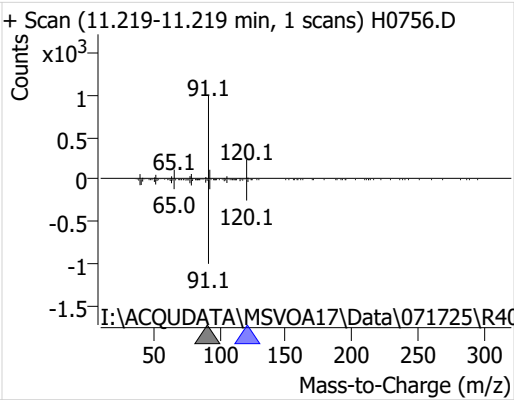




Propyl Benzene

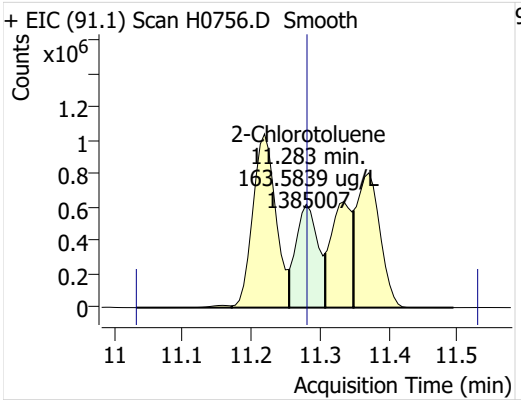


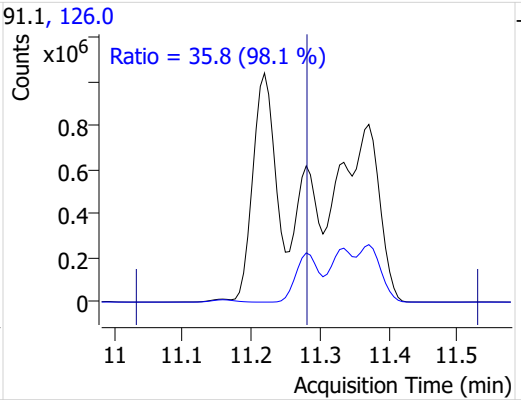


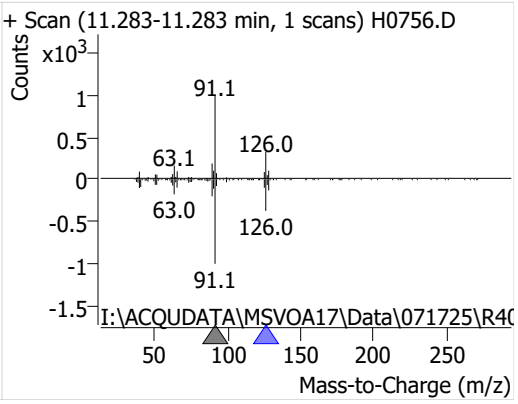


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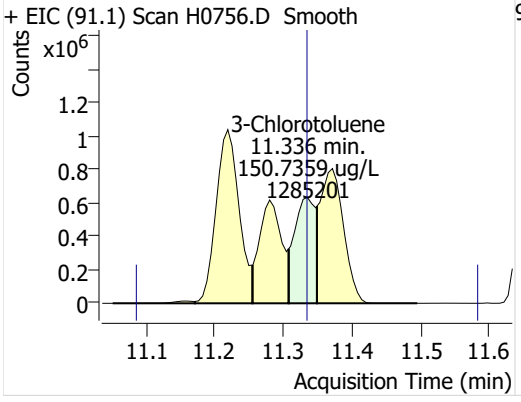
2-Chlorotoluene

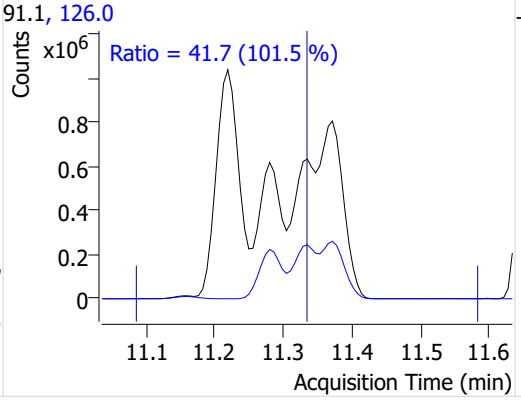


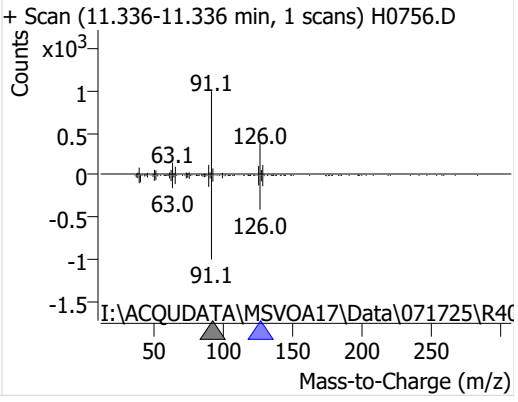




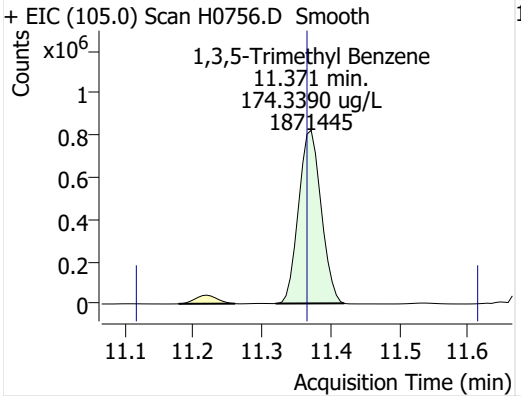
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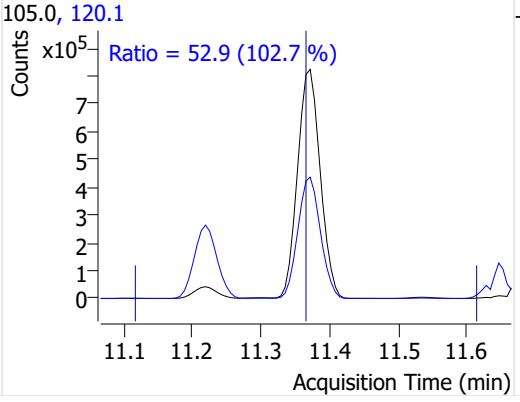


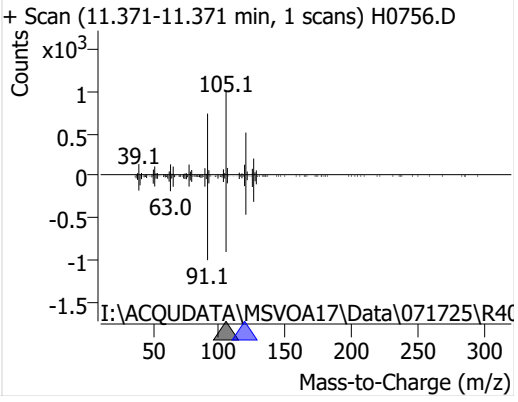




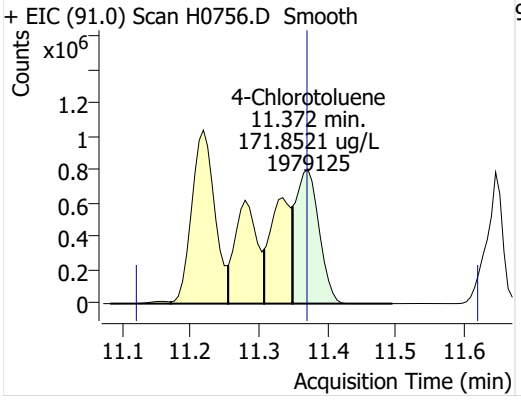
1,3,5-Trimethyl Benzene

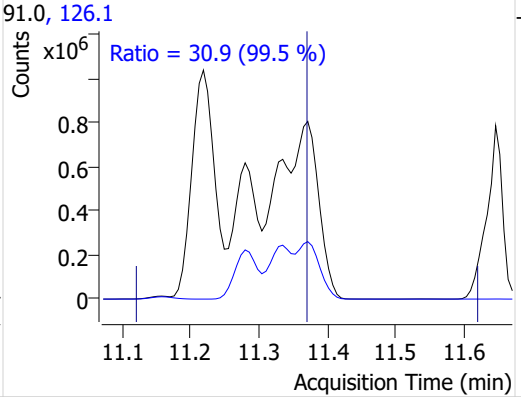


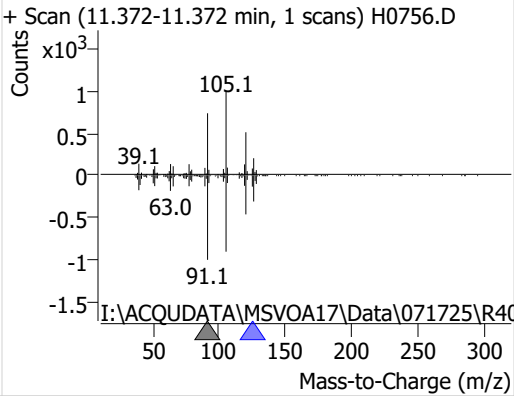




4-Chlorotoluene

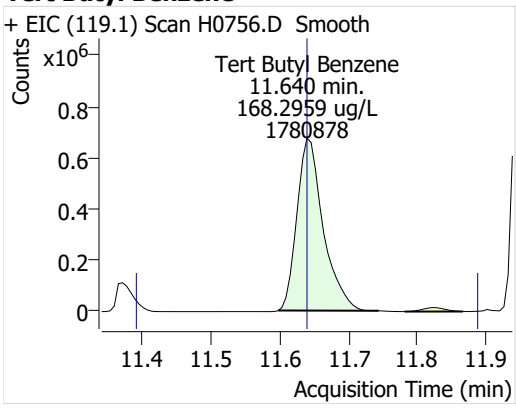


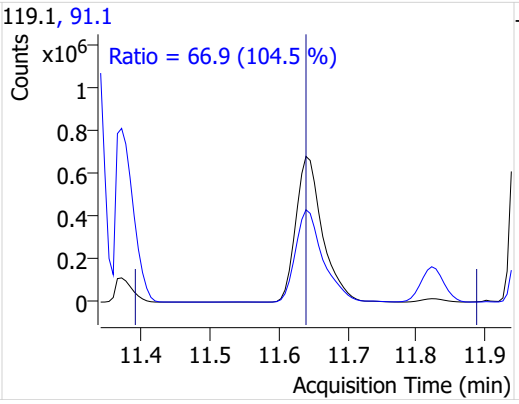


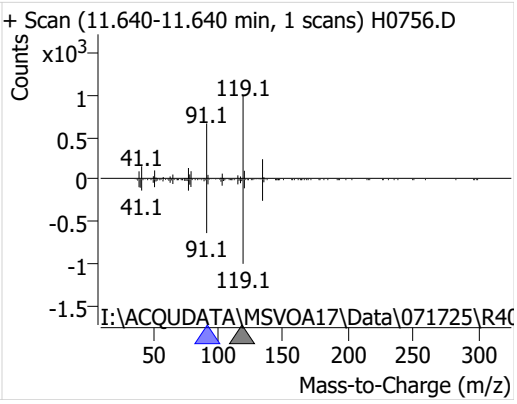


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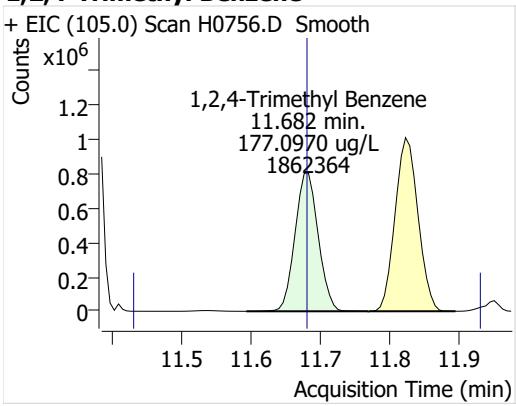
Tert Butyl Benzene

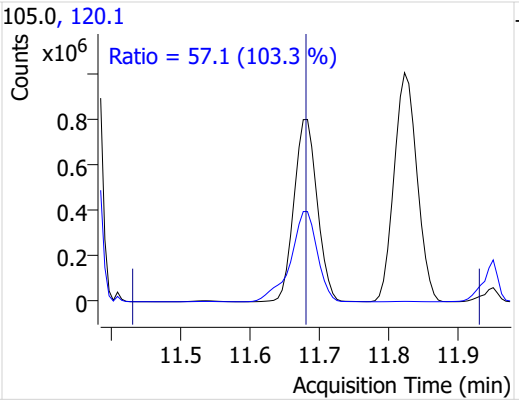


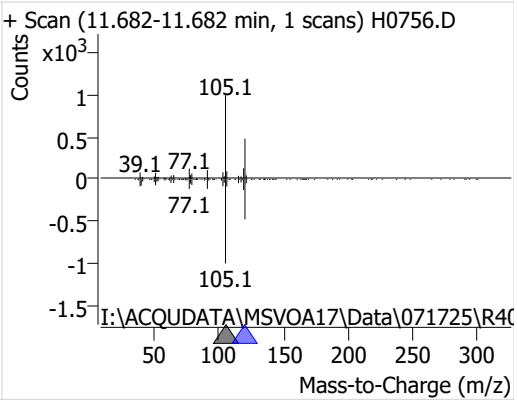




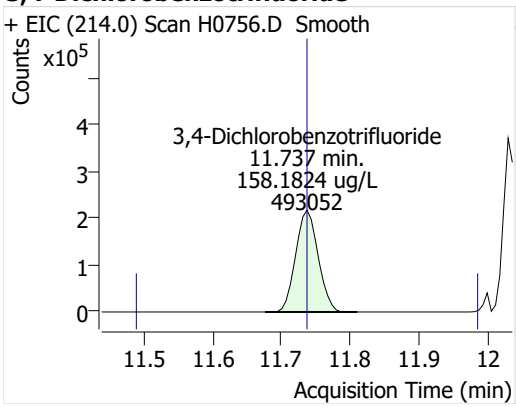
1,2,4-Trimethyl Benzene

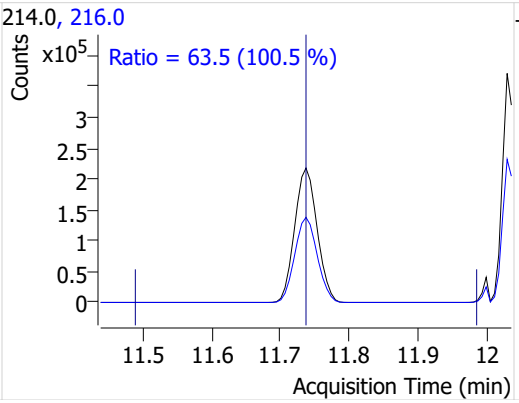


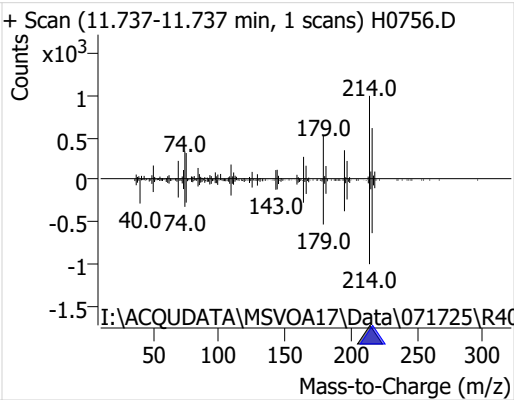




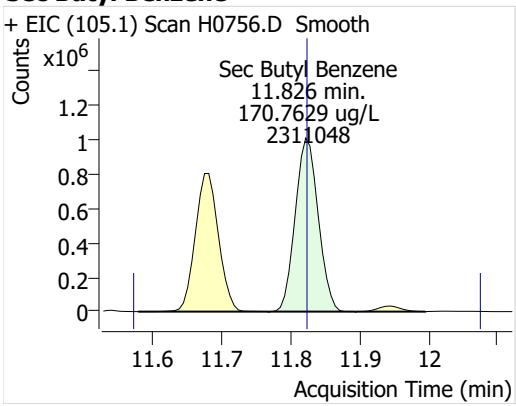
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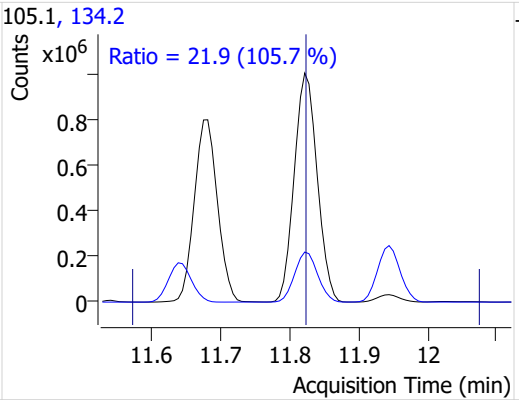


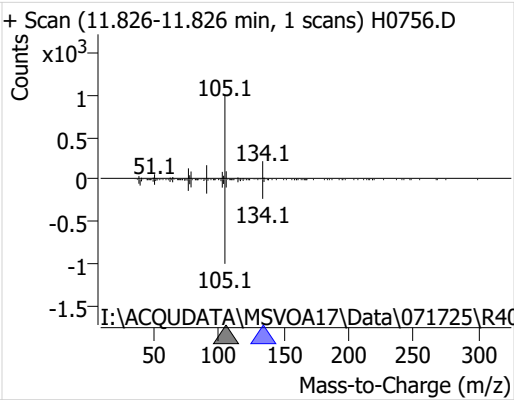




Sec Butyl Benzene

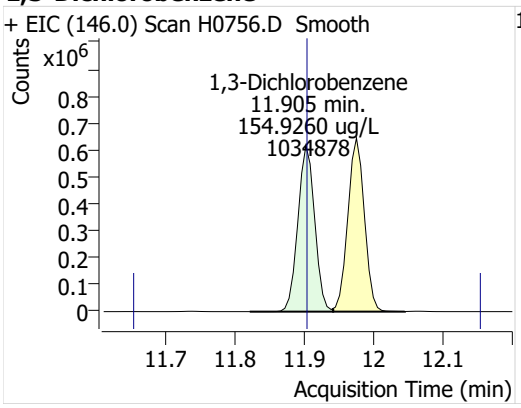


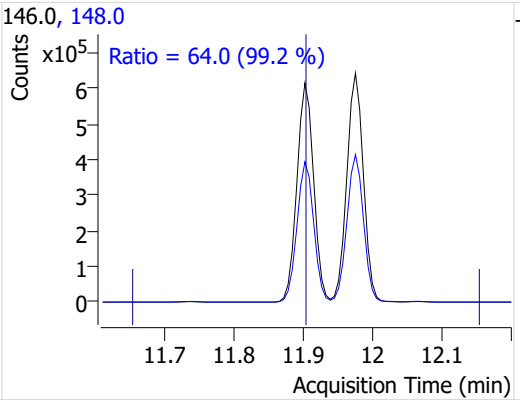


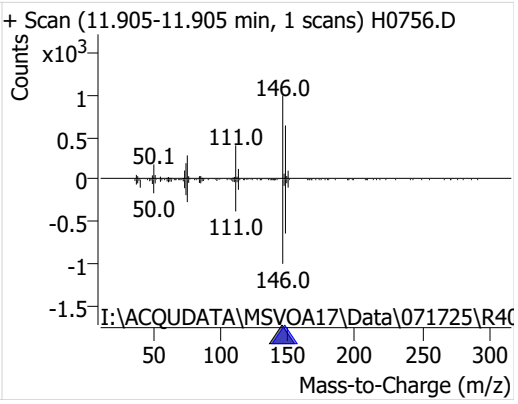


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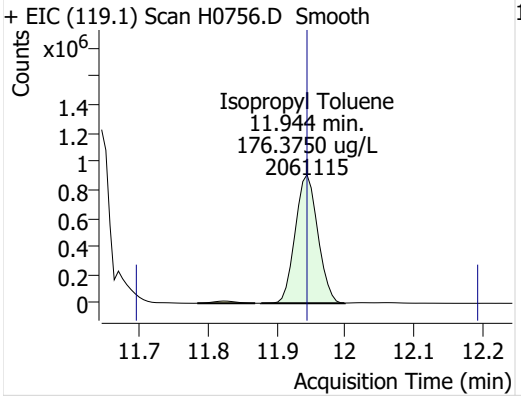
1,3-Dichlorobenzene

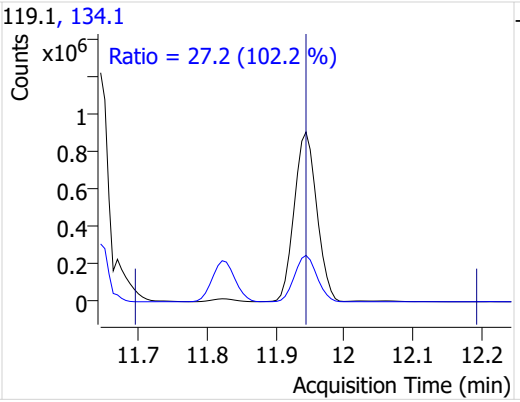


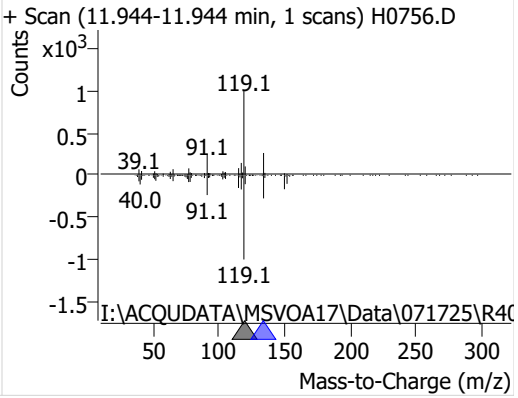




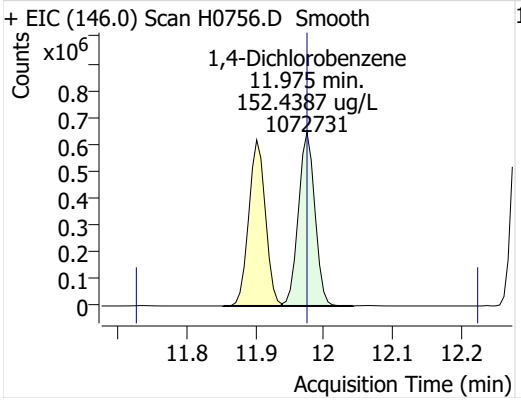
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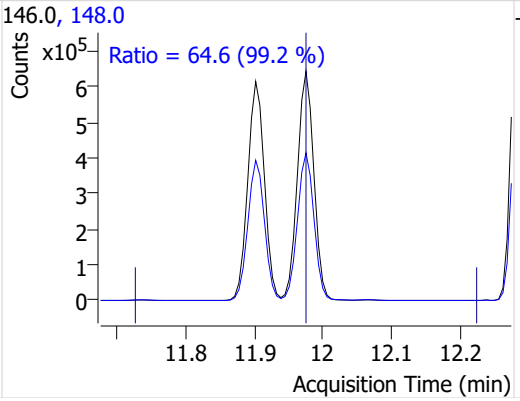


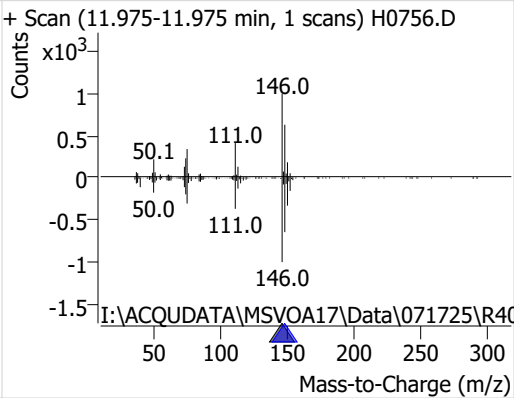




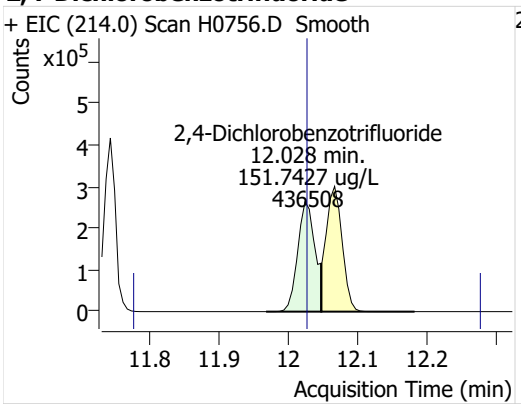
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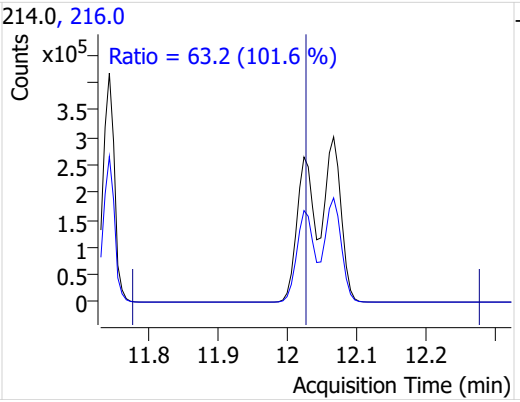


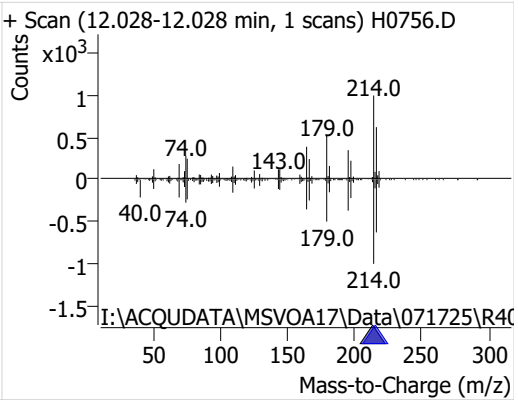




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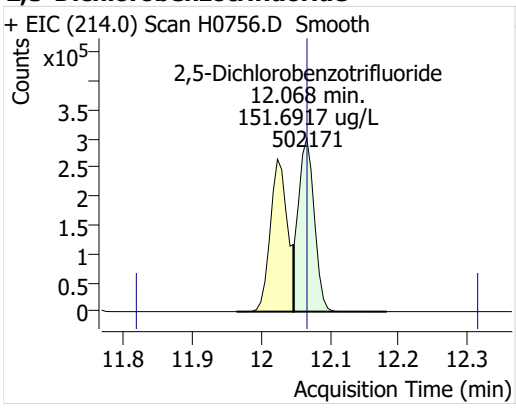


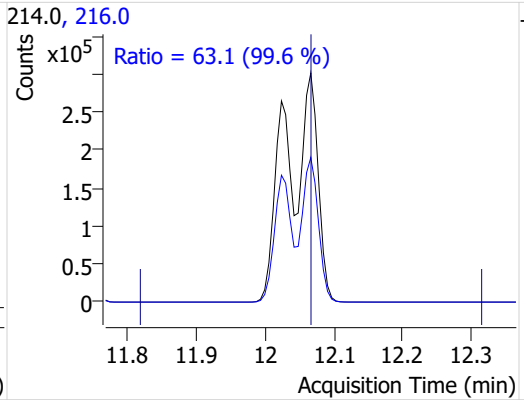


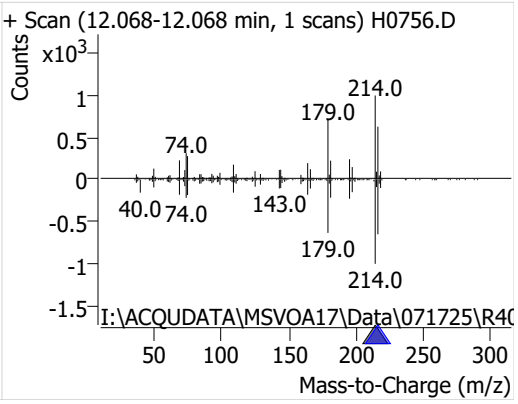


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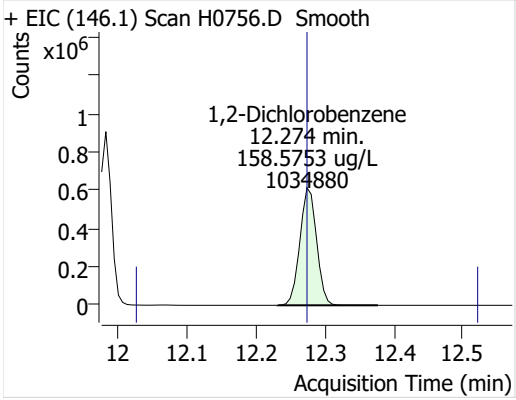
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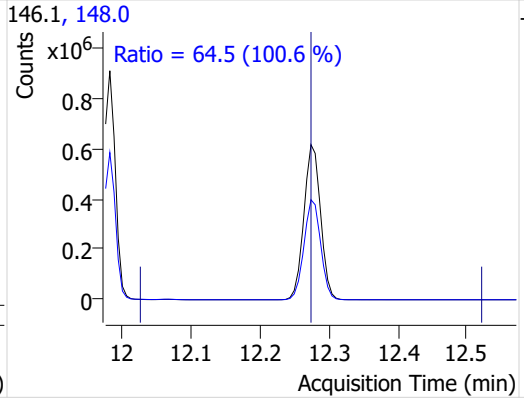


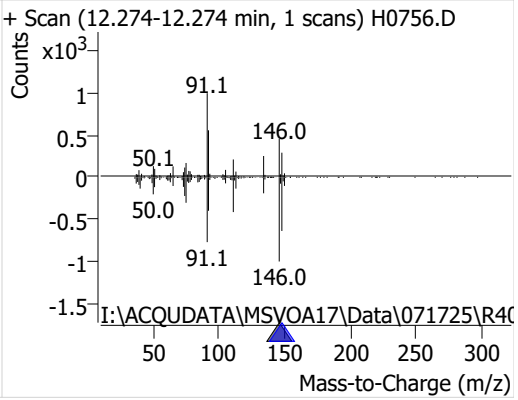




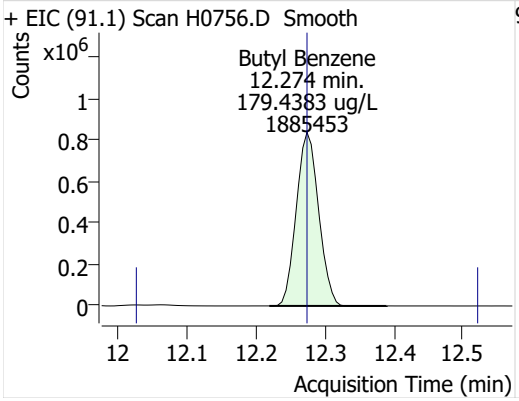
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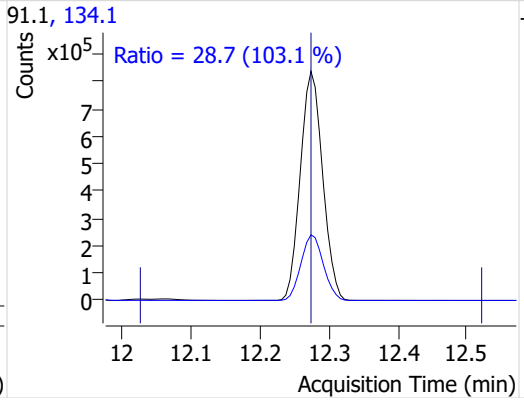


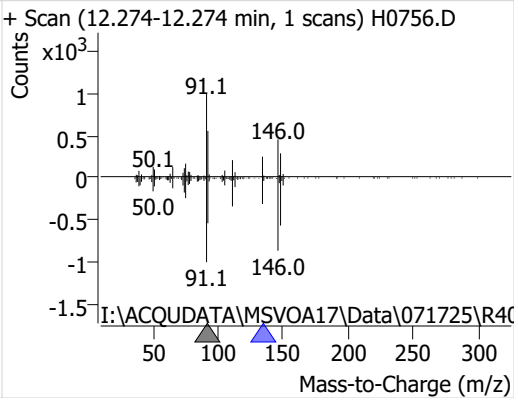




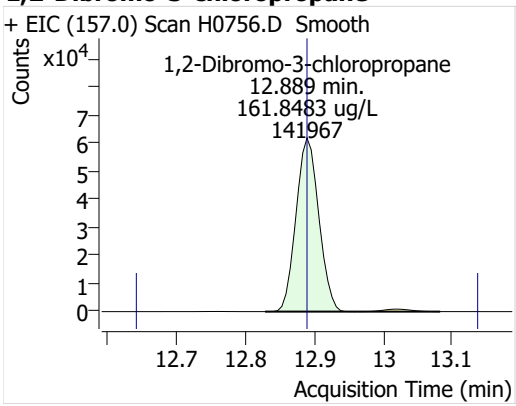
Butyl Benzene

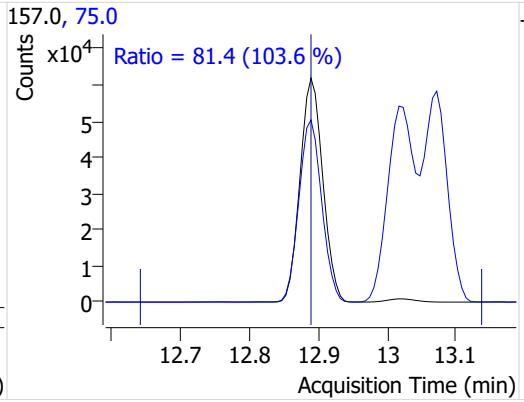


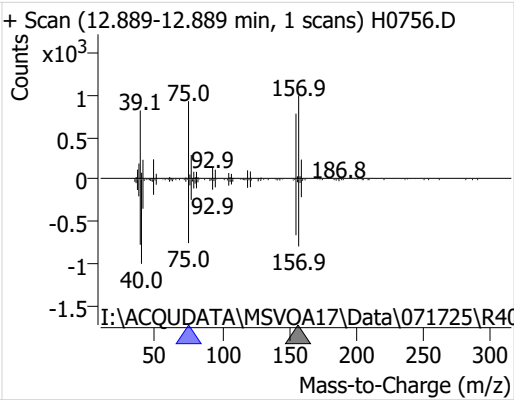




1,2-Dibromo-3-chloropropane

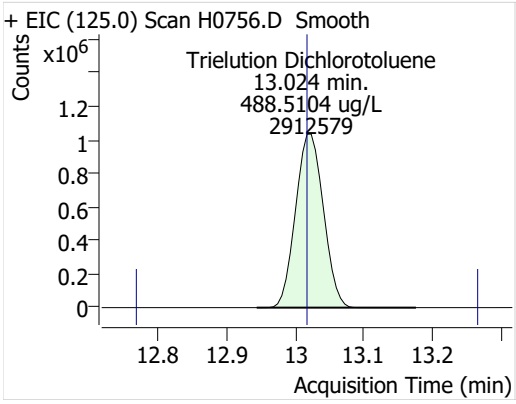


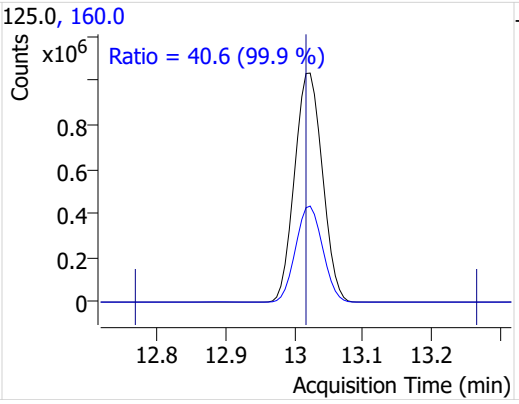


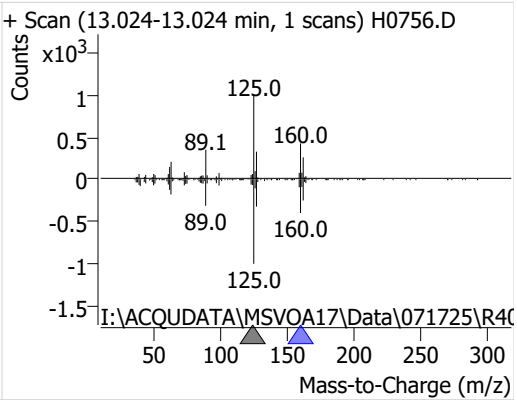


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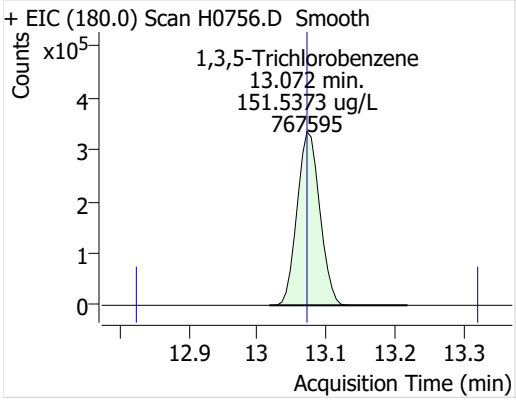
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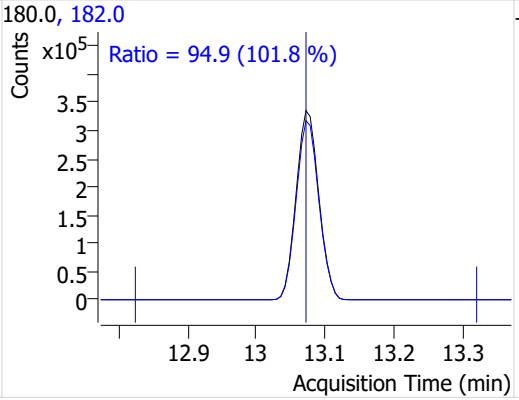


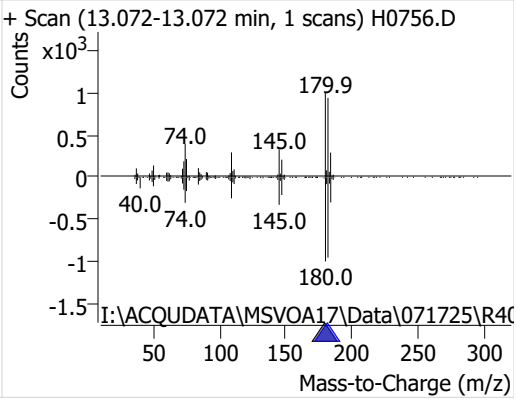




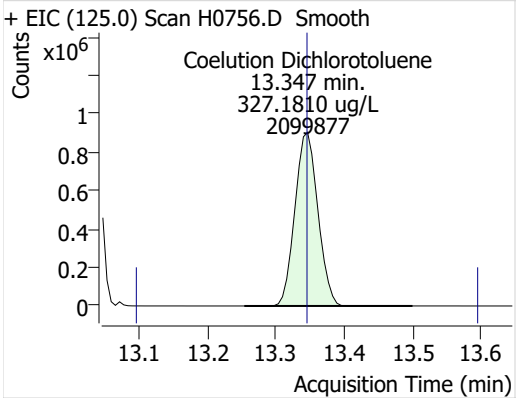
1,3,5-Trichlorobenzene

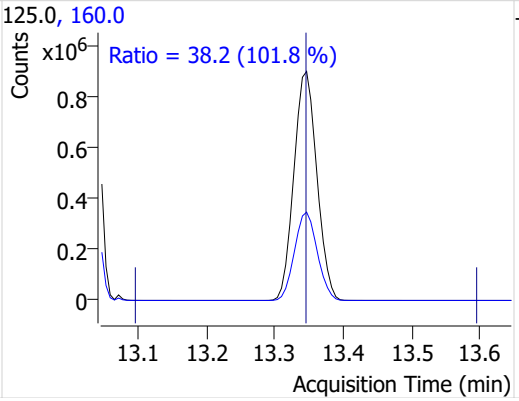


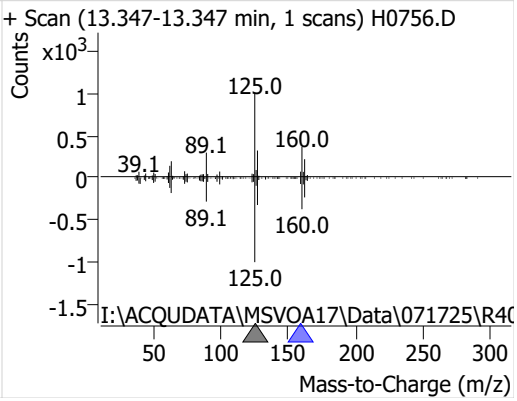




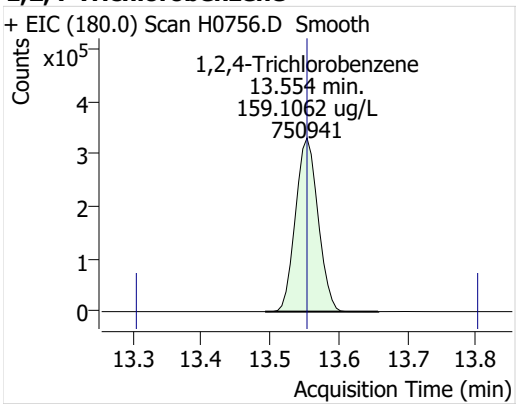
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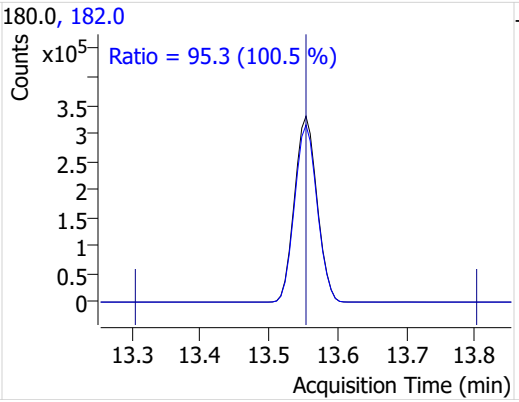


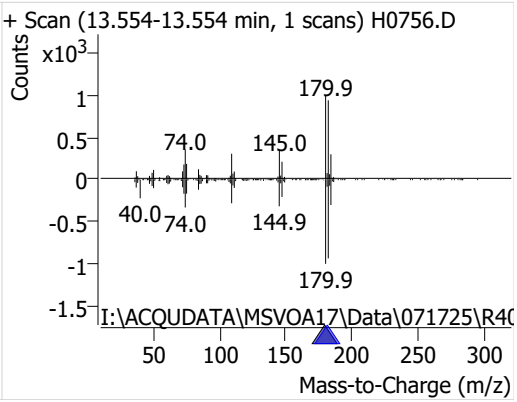




1,2,4-Trichlorobenzene

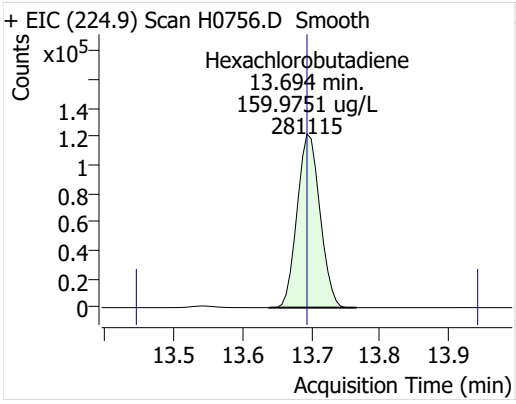


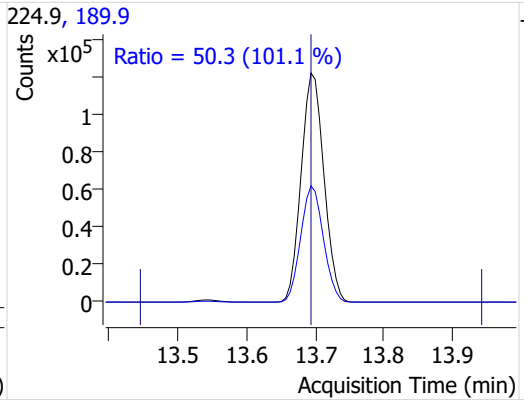


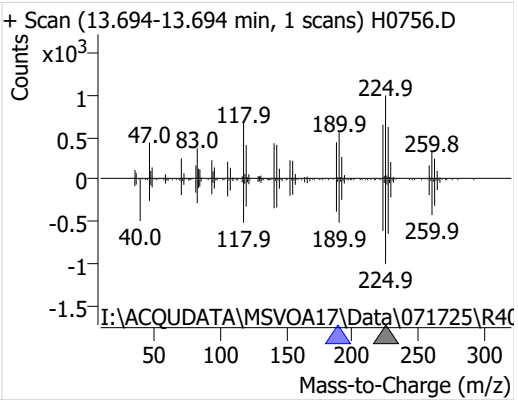


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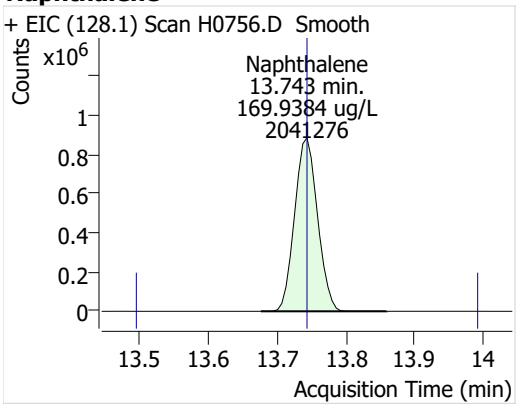
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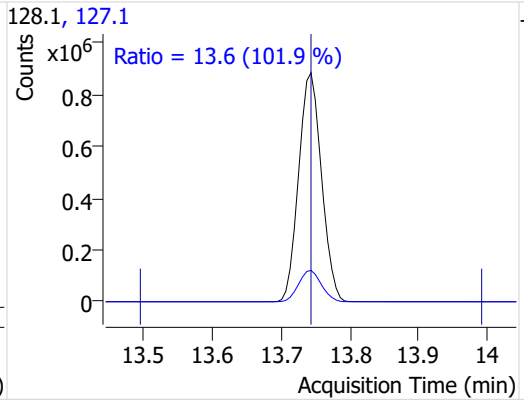


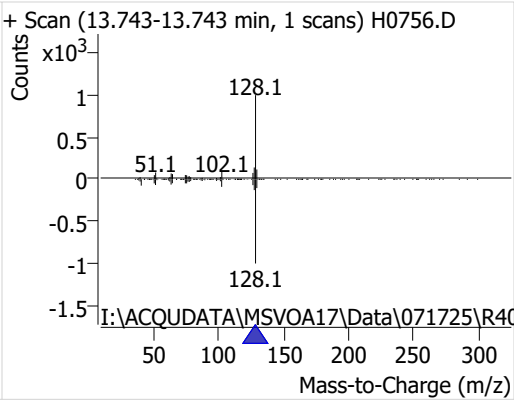




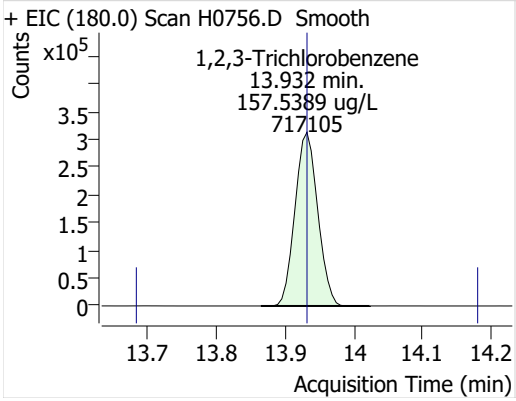
Naphthalene

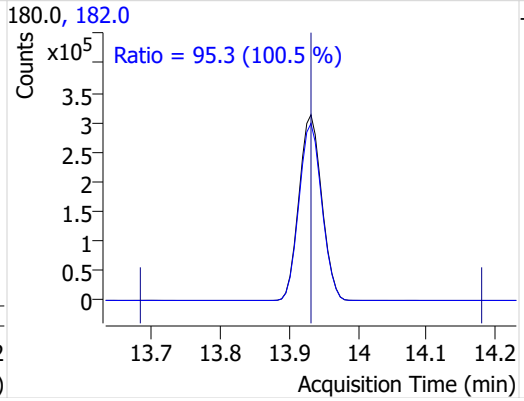


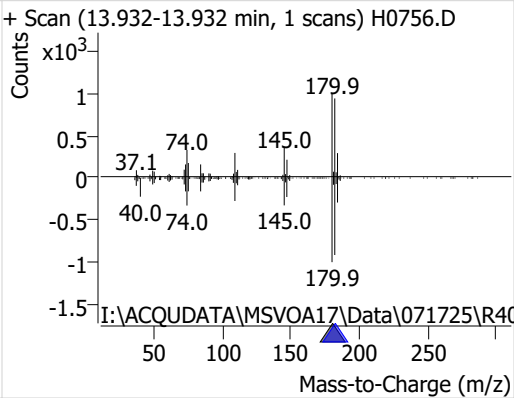




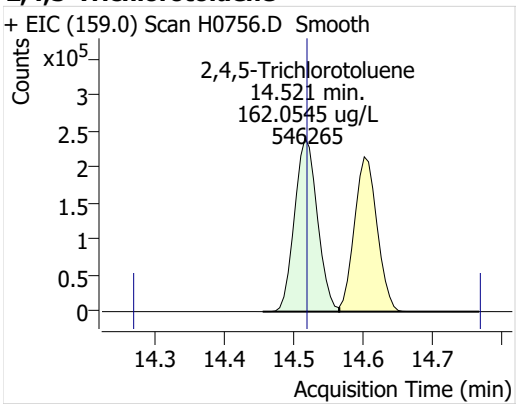
1,2,3-Trichlorobenzene

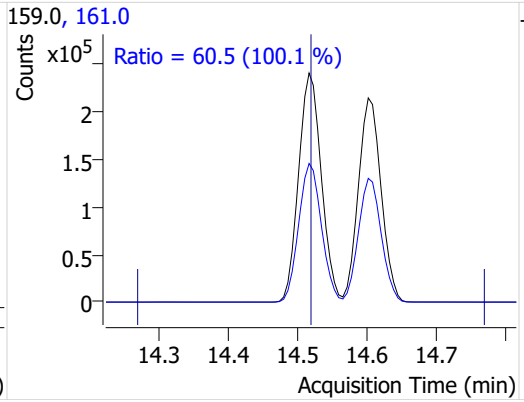


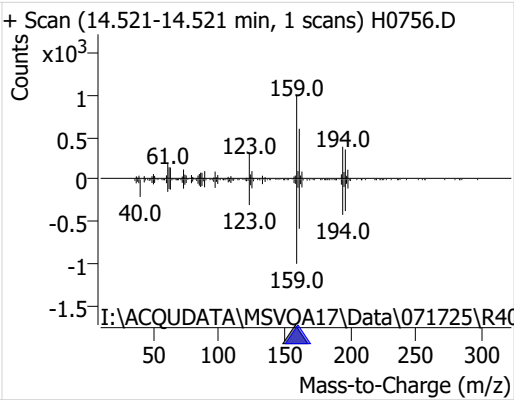




2,4,5-Trichlorotoluene

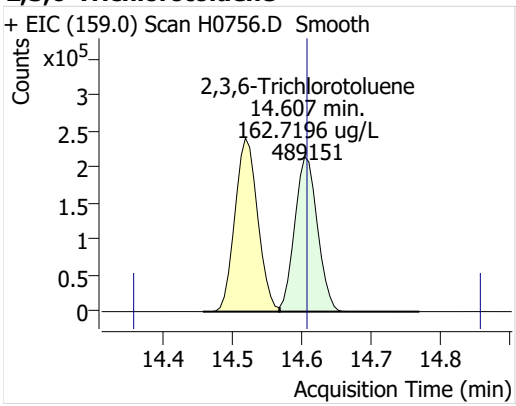


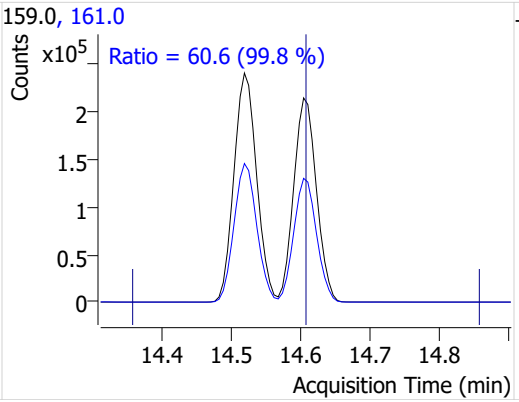


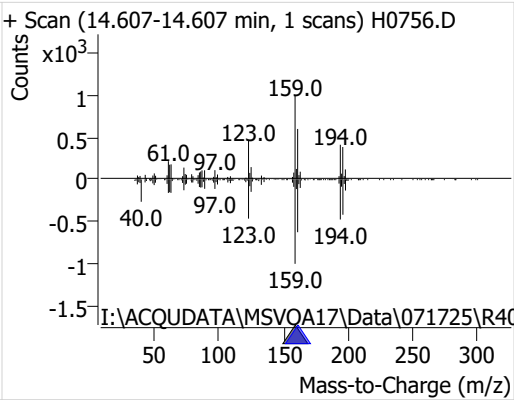


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





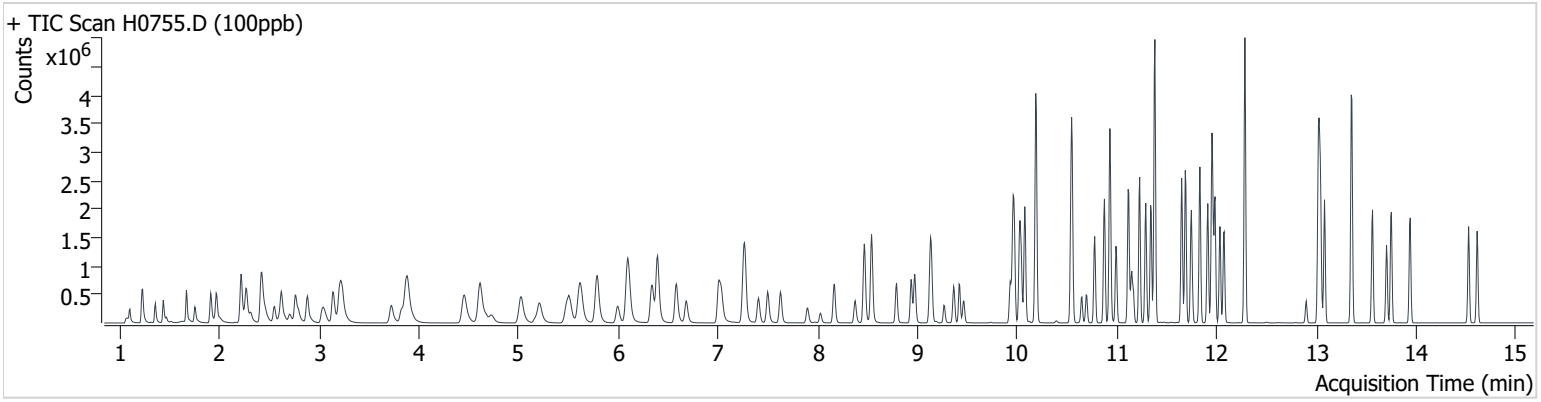


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0755.D

Acq. Date-Time	9/8/2025 5:10:31 PM	**Name**	100ppb
Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.628	0.003	238529	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	385648	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	333904	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	212908	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	245193	98.6213	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	926193	96.3834	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.002	340818	99.4853	ug/L
1,1,2-dichloroethane-d4	65.0	0.898	0.000	5.988	0.000	280048	97.5907	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	308545	105.5255	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.001	291765	100.4670	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.002	261357	98.2292	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	315540	101.2895	ug/L
Bromomethane	94.000	0.296	0.001	1.665	0.007	253029	107.2244	ug/L
Chloroethane	64.000	0.311	0.001	1.750	0.007	212550	93.1200	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.002	466951	99.3991	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.002	442538	104.0344	ug/L
Freon 123a	117.000	0.393	0.001	2.211	0.003	248137	97.8778	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.003	221323	101.3832	ug/L
Freon 123	83.000	0.402	0.000	2.264	0.003	371622	97.4885	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.002	79214	515.4031	ug/L
1,1-Dichloroethene	61.000	0.428	0.000	2.410	0.003	405211	104.9666	ug/L
Freon 113	101.000	0.431	0.001	2.425	0.003	275941	103.9247	ug/L
Acetone	43.000	0.436	0.000	2.455	0.003	99398	93.1725	ug/L
Iodomethane	142.000	0.452	0.001	2.546	0.004	358818	108.7983	ug/L
2-Propanol	45.000	0.464	0.001	2.614	0.005	310667	1987.7201	ug/L
Carbon Disulfide	75.900	0.464	0.002	2.611	0.009	635012	98.1965	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.757	0.002	556417 LT	640.8006	ug/L
Methyl Acetate	43.000	0.495	0.001	2.786	0.003	199474	94.2623	ug/L

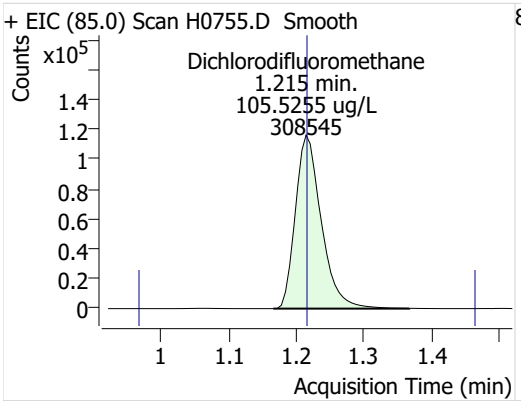
Masshunter Quantitative Analysis Sample Report

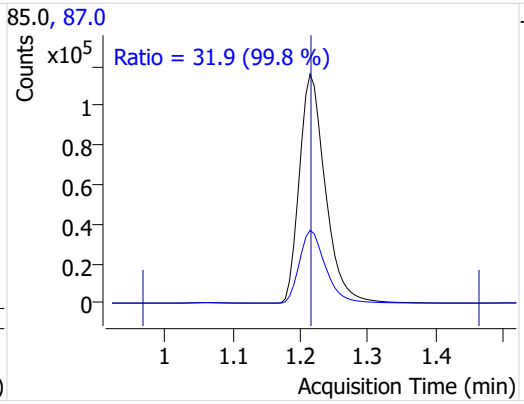
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.510	0.001	2.873	0.003	251747	97.1282	ug/L
TBA	59.000	0.539	0.000	3.031	0.003	507604	2104.1514	ug/L
Acrylonitrile	53.000	0.557	0.000	3.135	0.003	551567	502.6667	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.001	3.196	0.003	358733	104.9982	ug/L
MTBE	73.000	0.572	0.001	3.220	0.004	766231	107.3313	ug/L
1,1-Dichloroethane	63.000	0.660	0.001	3.714	0.004	449380	102.6614	ug/L
Vinyl Acetate	43.000	0.679	0.001	3.822	0.004	426921	115.5767	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.861	0.004	222948	108.4525	ug/L
Diisopropyl ether	45.000	0.689	0.001	3.879	0.004	808283	108.1071	ug/L
ETBE	59.000	0.790	0.001	4.449	0.006	762914	109.0398	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.001	4.607	0.005	285287	104.4903	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.610	0.005	366971	112.2175	ug/L
2-Butanone	43.000	0.830	0.001	4.671	0.007	137139	102.1538	ug/L
Propionitrile	54.000	0.839	0.001	4.720	0.005	214253	508.0800	ug/L
Bromochloromethane	129.900	0.892	0.000	5.019	0.002	191363	99.7652	ug/L
Methylacrylonitrile	67.000	0.892	0.001	5.021	0.005	116533	106.0918	ug/L
Tetrahydrofuran	42.000	0.918	0.002	5.165	0.012	77919	95.6832	ug/L
Chloroform	83.000	0.924	0.001	5.202	0.006	446096	99.0819	ug/L
1,1,1-Trichloroethane	97.000	0.977	0.001	5.500	0.006	398451	107.8653	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	393444	107.2900	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	367677 BA	111.5006	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	328062	106.9416	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	967731	104.8500	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	367453	102.9444	ug/L
Iso-Butyl Alcohol	43.000	0.915	0.000	6.101	0.002	207335	1981.8586	ug/L
TAME	73.000	1.125	0.001	6.330	0.007	721969	111.1952	ug/L
n-Heptane	43.000	0.986	0.000	6.576	0.001	375312	108.9037	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	296094	104.3741	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	365484	5753.9393	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	366725	109.5940	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	270613	106.6207	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	179492	99.0830	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	75792	2028.9087	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	192415	110.5232	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	352800	104.8291	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	189500	201.1848	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	84963	112.2247	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.158	0.000	374294	111.8171	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.368	0.001	250413	102.0766	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	1111471	110.0395	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	324109	110.2041	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	344531	112.2810	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	242512	104.1799	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	274974	109.0708	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	395892	102.5515	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.003	97611	103.4712	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	295511	109.8599	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	404196	112.1550	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	225418	100.5849	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	750817	107.3473	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.965	0.000	385128	105.7282	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.017	0.001	361767	104.7100	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	275827	113.2709	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	1213562	112.1995	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	1909190	234.3247	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.001	1007488	115.8130	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	861768	117.8839	ug/L
Bromoform	172.900	1.077	0.001	10.688	0.006	179192	108.9082	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	383221	105.0701	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	1178056	119.9017	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	1070040	2017.7405	ug/L

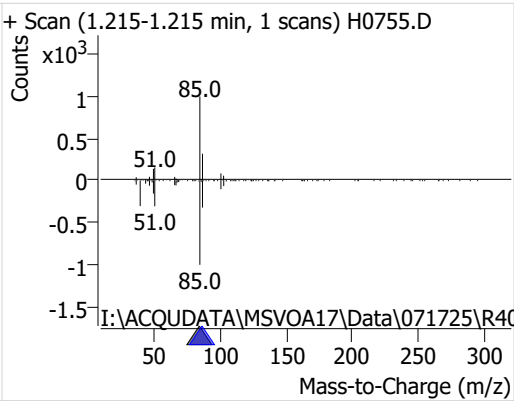
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	335183	99.1572	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	342832	101.8875	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.143	0.000	412421	98.7121	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	85549 BA	110.8799	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	1268556	93.9308	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	867671	106.8125	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.335	0.001	818393	100.0428	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	1165027	113.1182	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	1229007	111.2282	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.639	0.000	1108108	109.1441	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.681	0.001	1168099	115.7725	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	308477	103.1495	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.001	1450068	111.6739	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.001	651088	101.5906	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	1290938	115.1381	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	678805	100.5375	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.001	272862	98.8638	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.001	314553	99.0338	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	648425	103.5582	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	1157147	114.7801	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	81194	96.4771	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.003	1799094	314.5058	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	476643	98.0753	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.001	1326642	215.4402	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	464328	102.5381	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	173553	102.9388	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	1238473	107.4620	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	442570	101.3364	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.001	350118	108.2559	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.001	302996	105.0541	ug/L

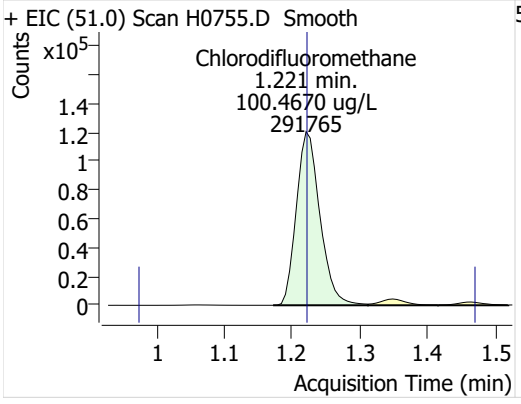
Dichlorodifluoromethane

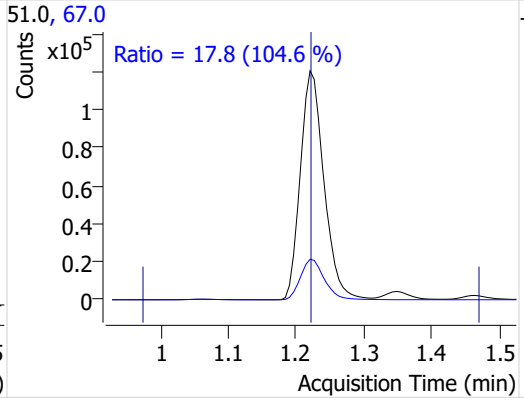


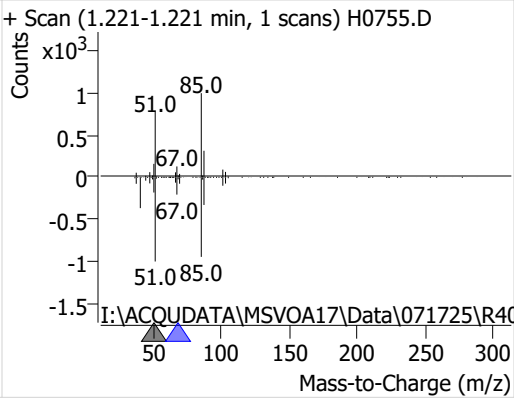




Chlorodifluoromethane

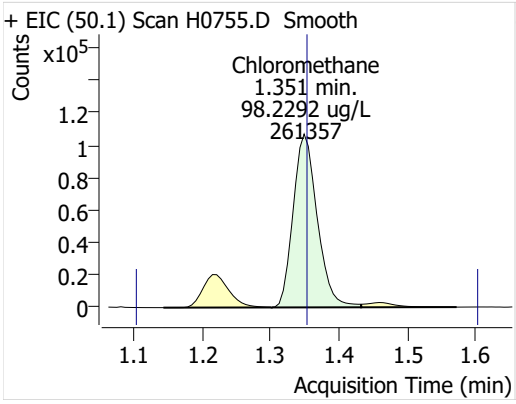


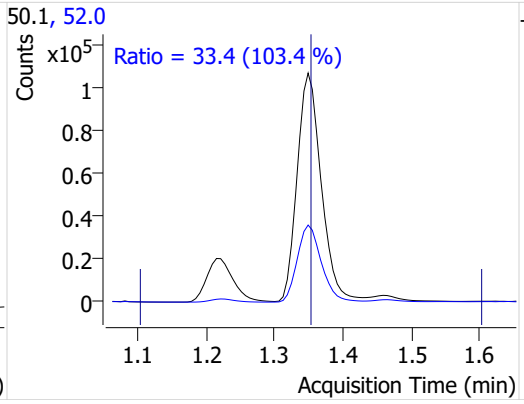


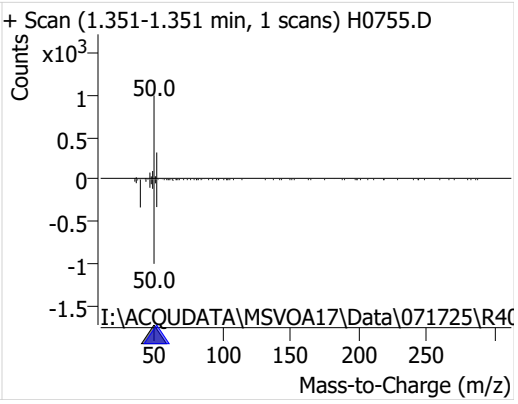


Masshunter Quantitative Analysis Sample Report

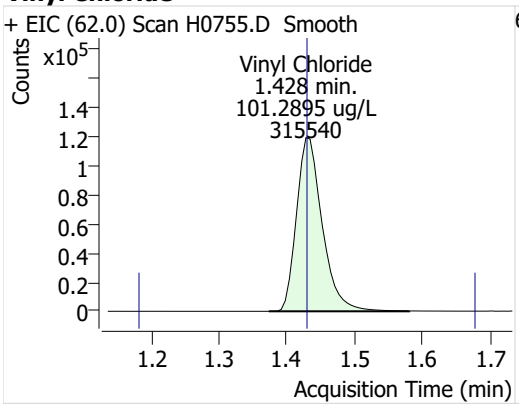
Chloromethane

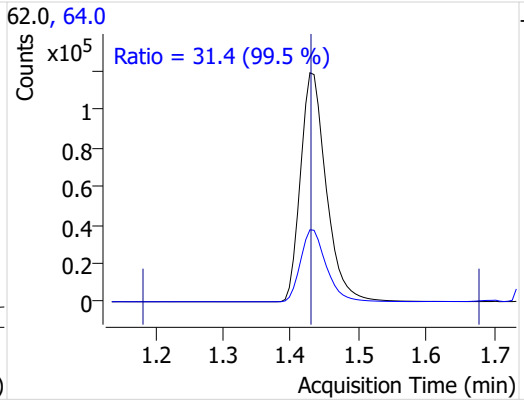


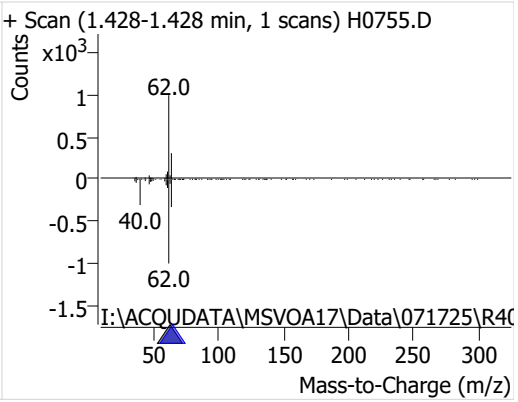




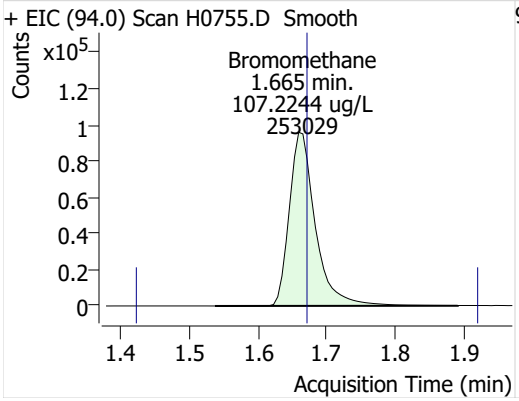
Vinyl Chloride

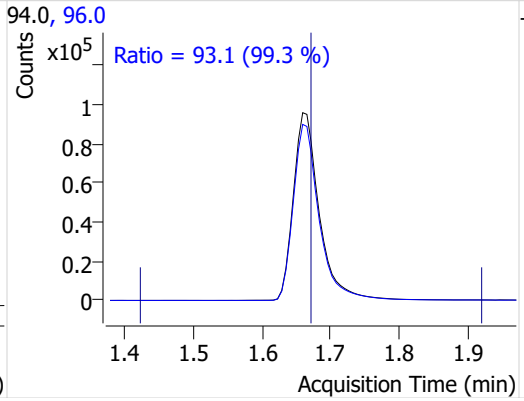


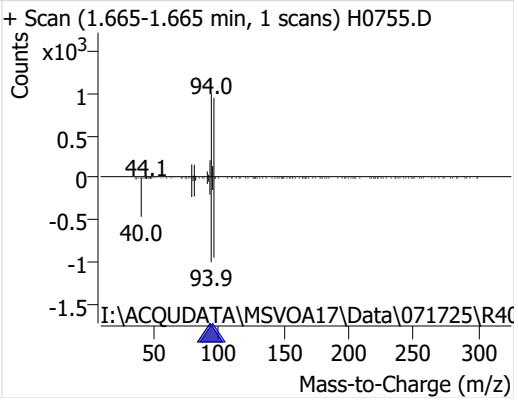




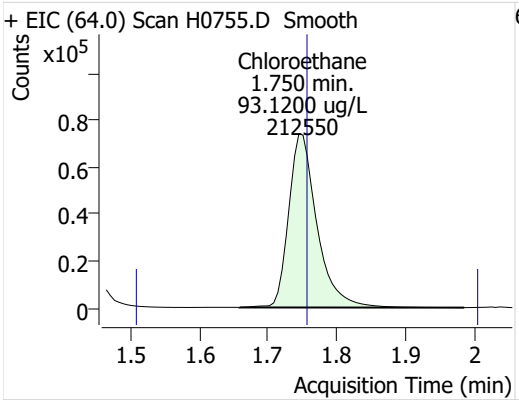
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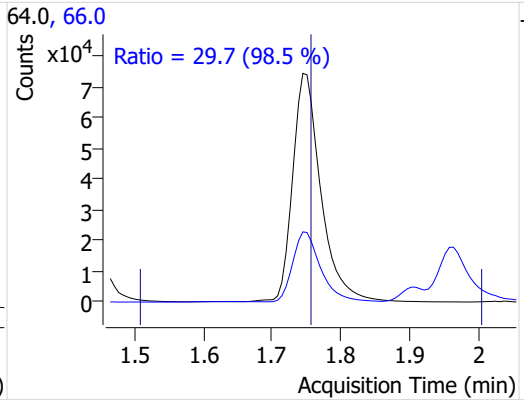


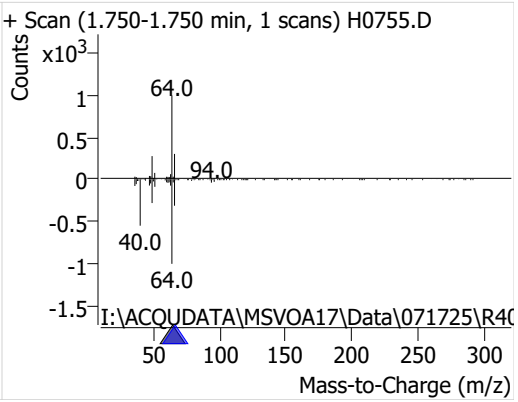




Chloroethane

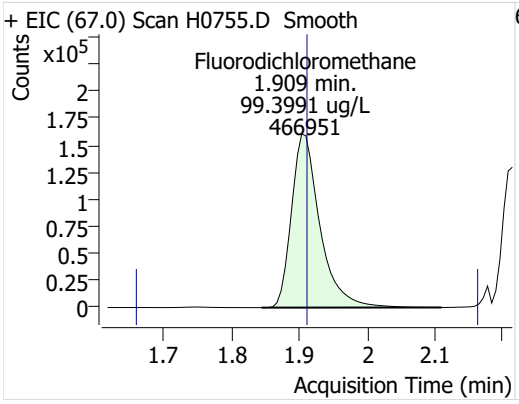


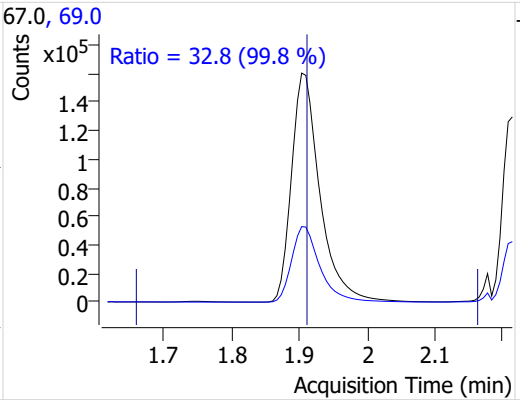


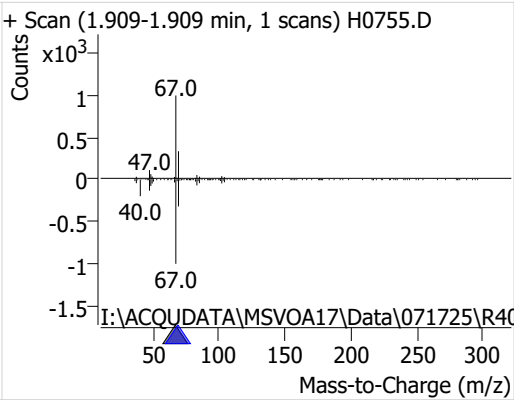


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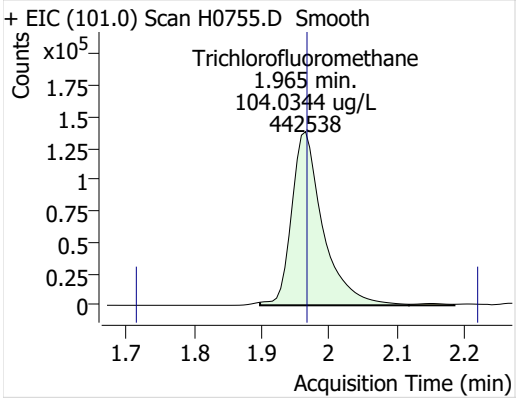
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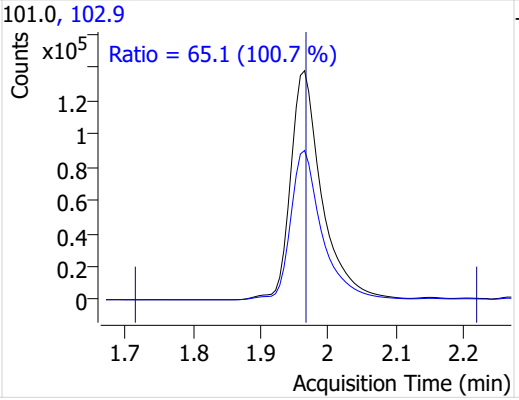


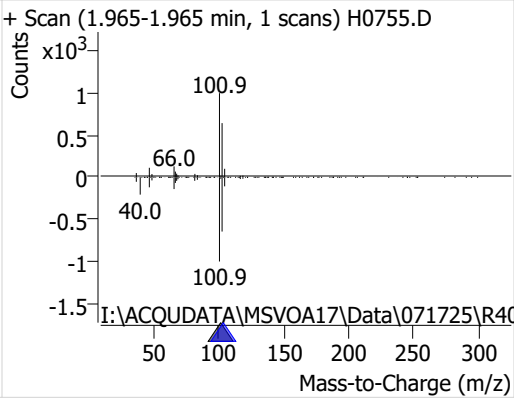




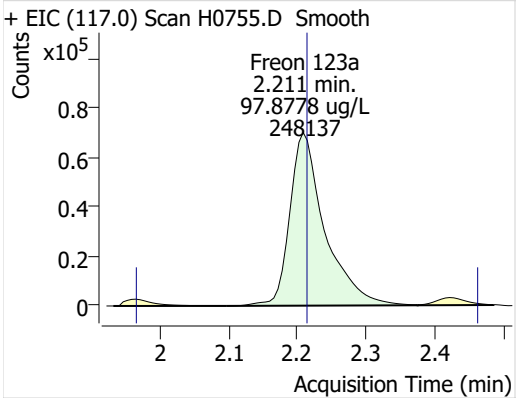
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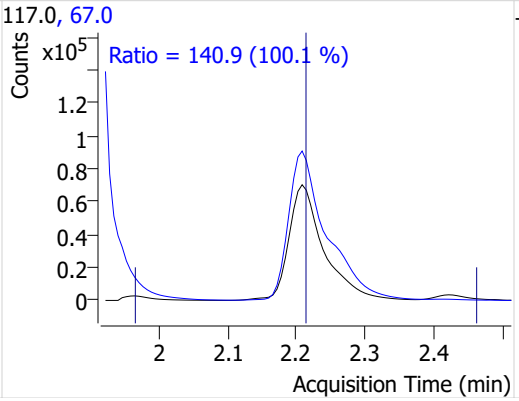


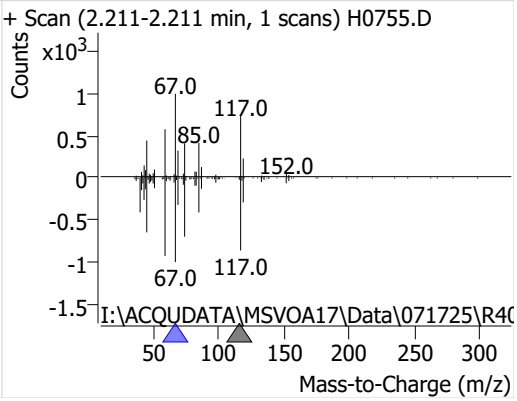




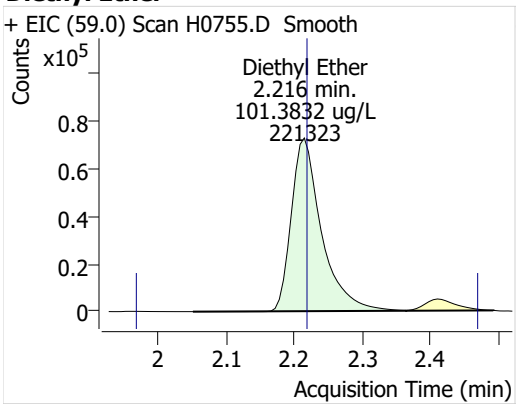
Freon 123a

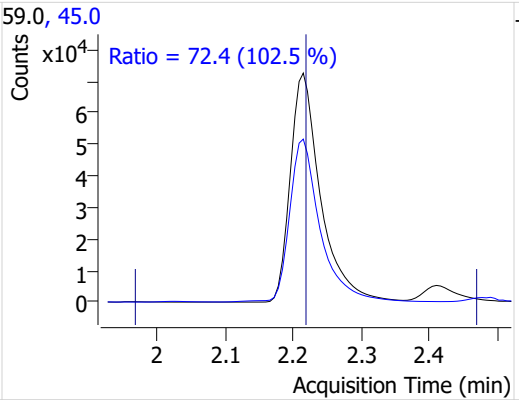


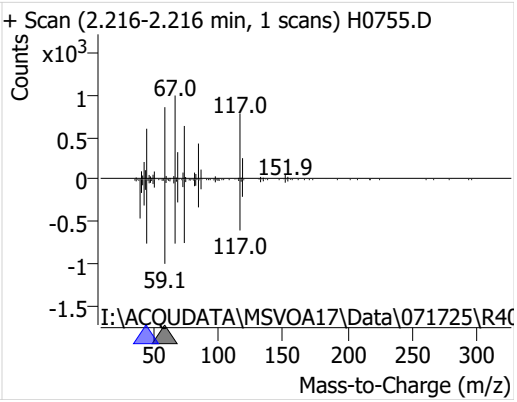




Diethyl Ether

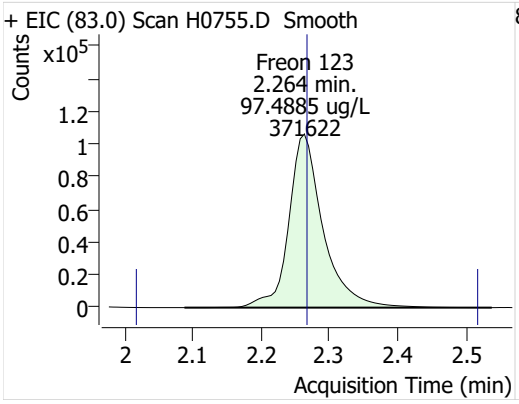


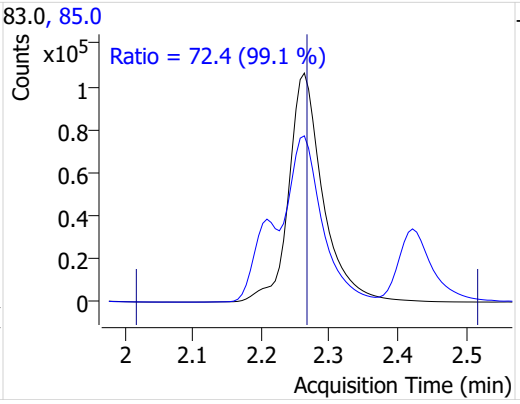


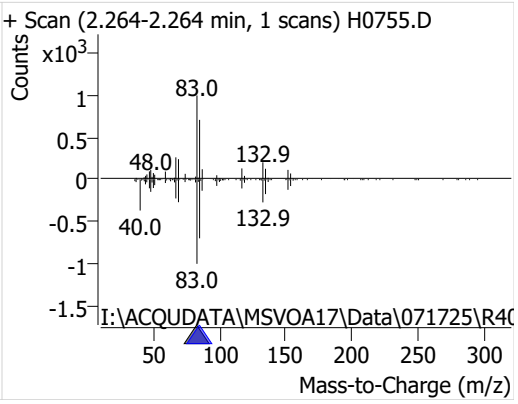


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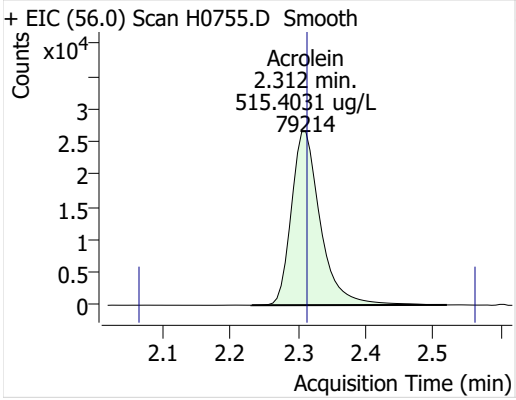
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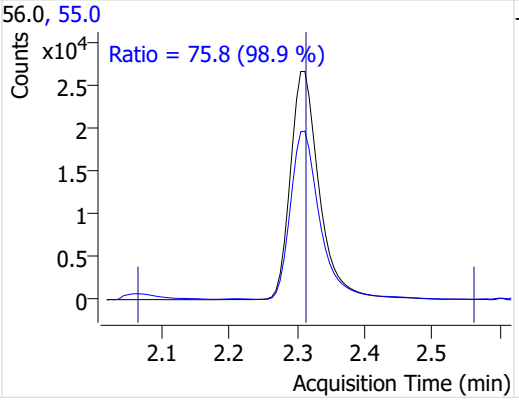


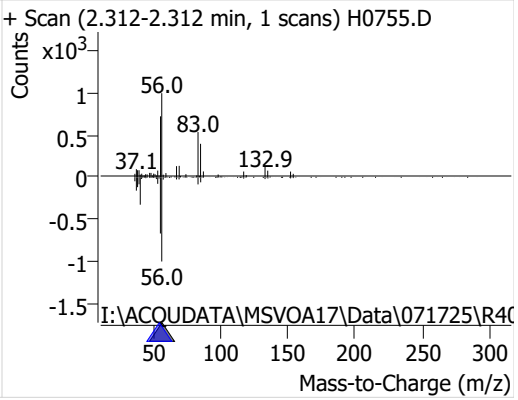




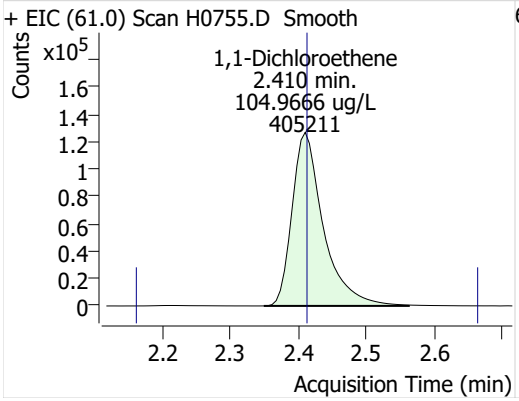
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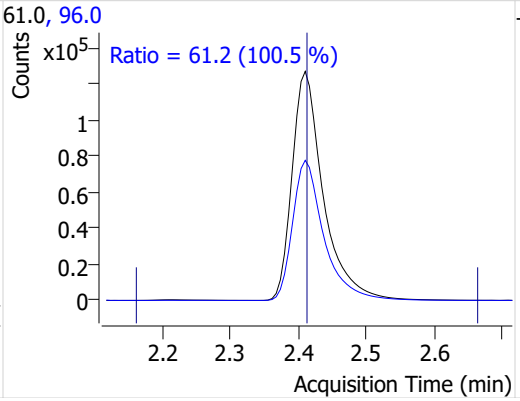


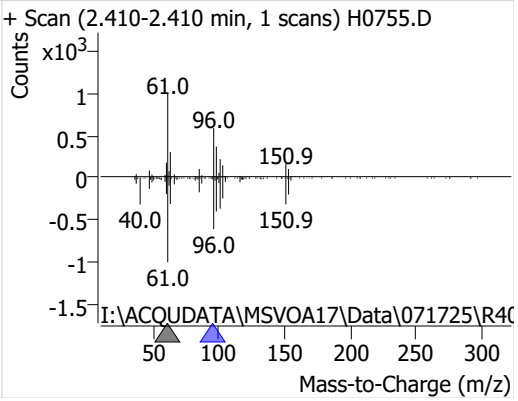




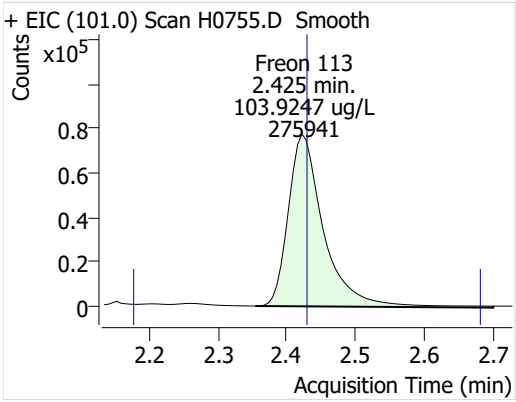
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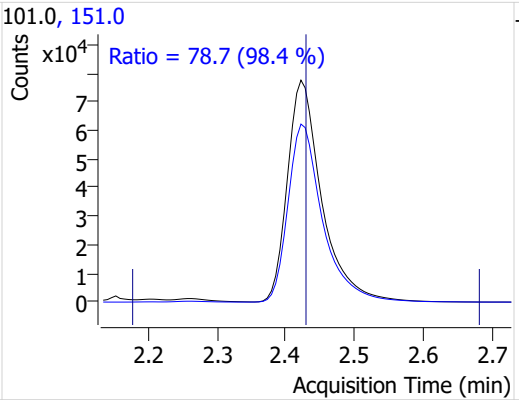


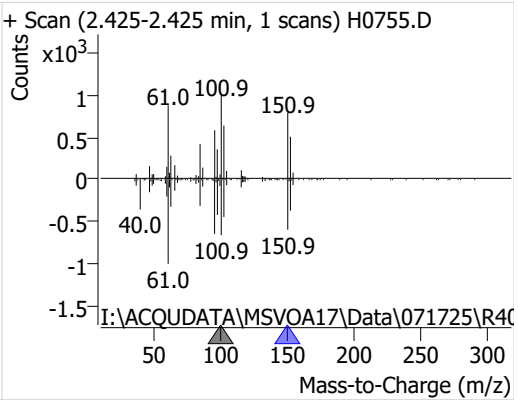




Freon 113

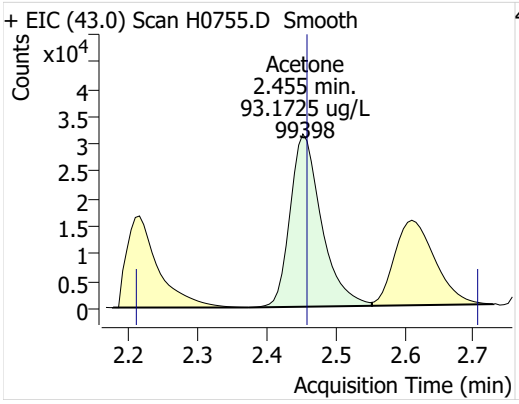


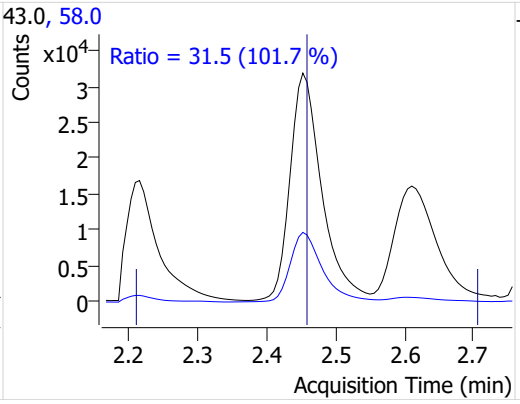


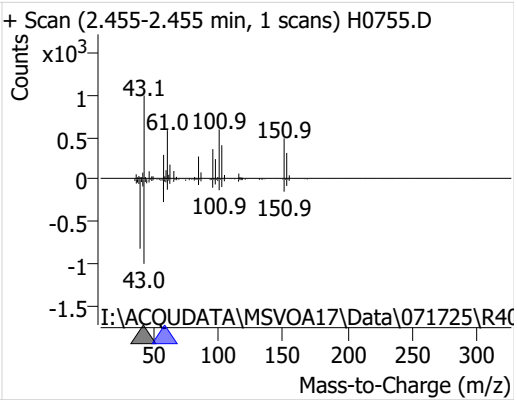


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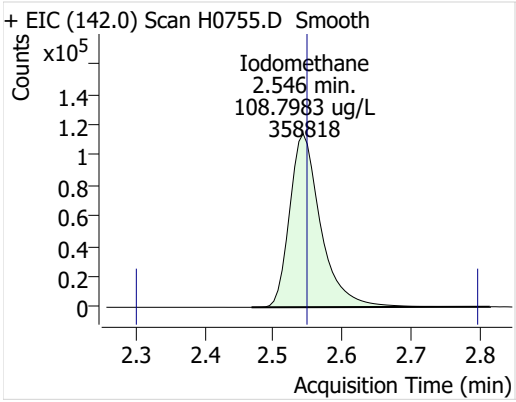
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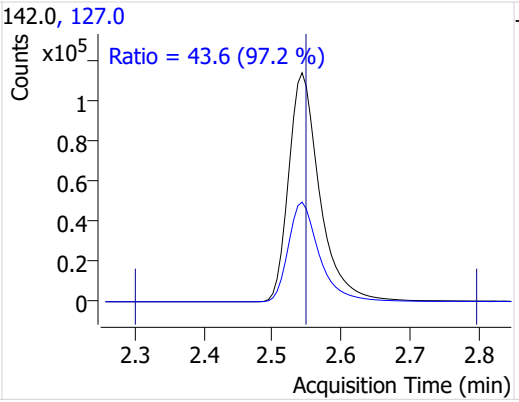


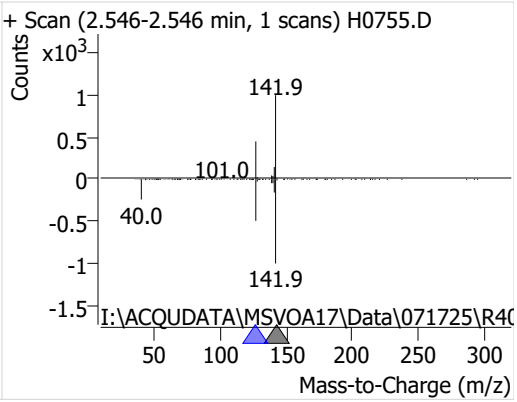




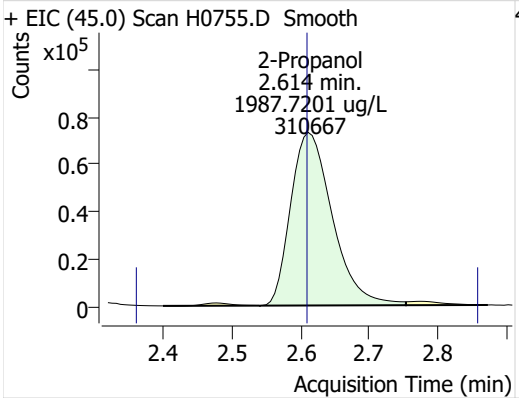
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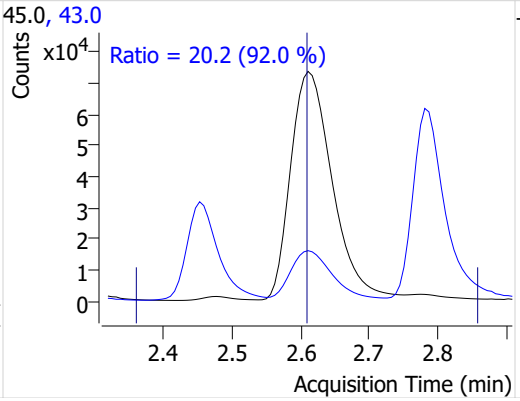


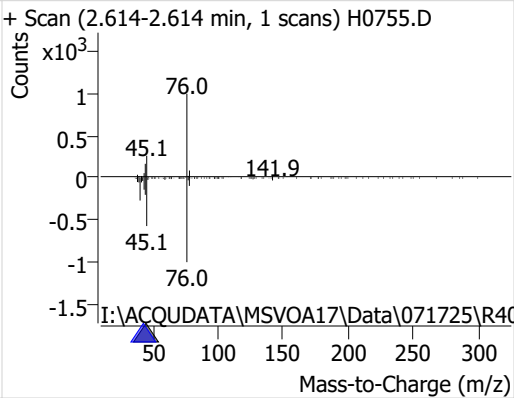




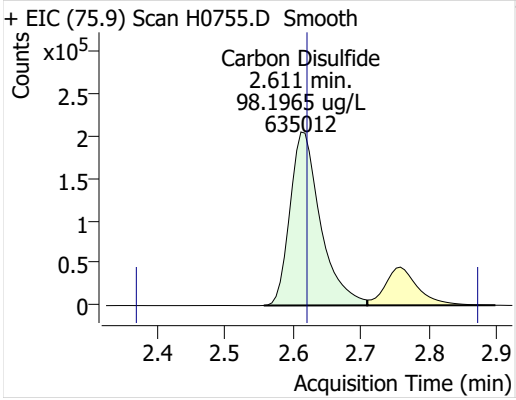
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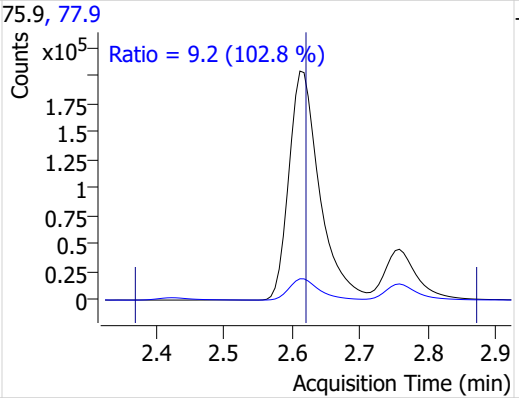


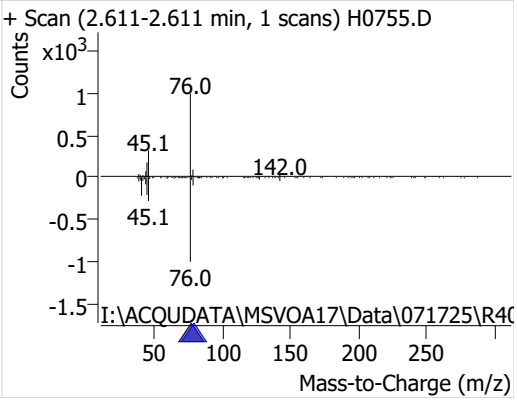




Carbon Disulfide

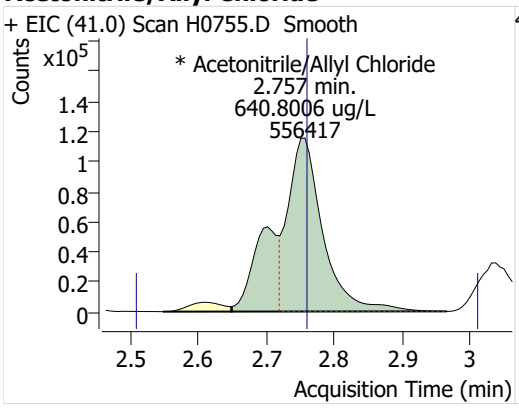


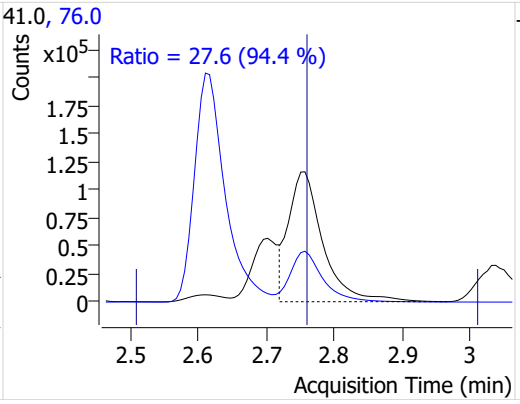


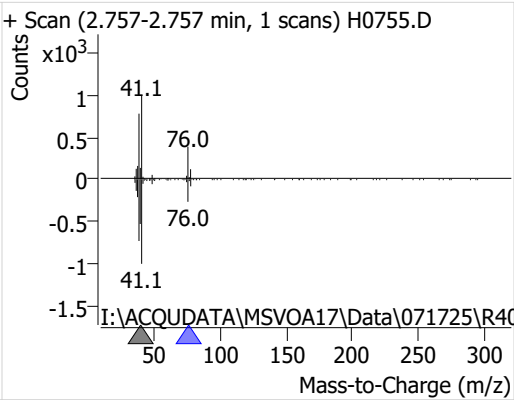


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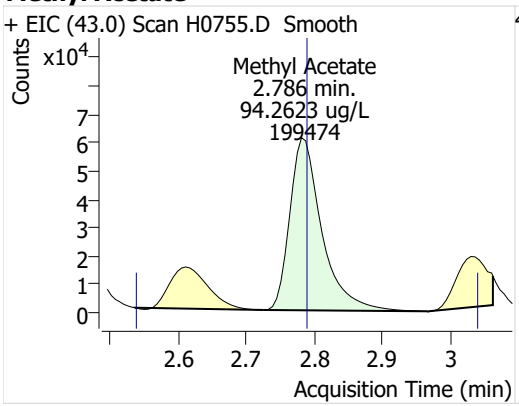
Acetonitrile/Allyl Chloride

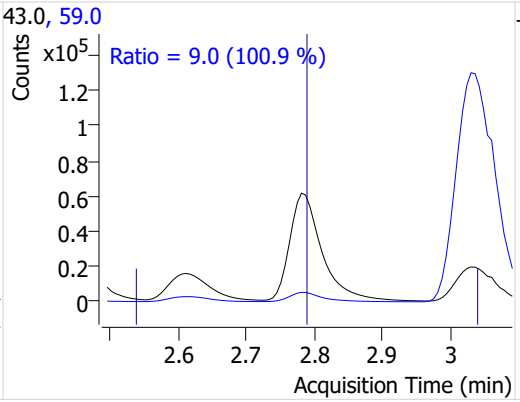


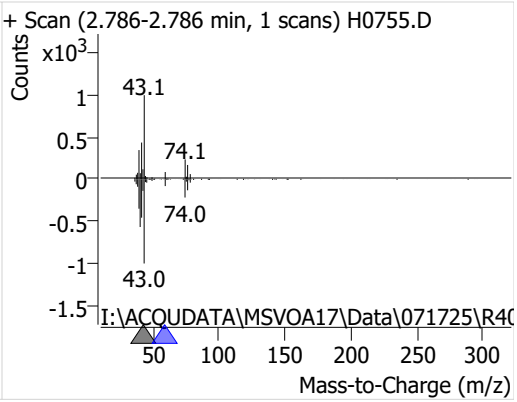




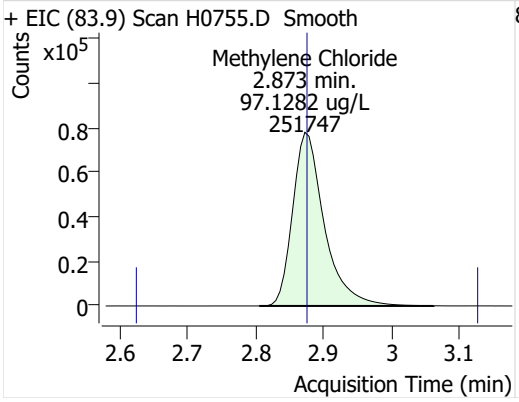
Methyl Acetate

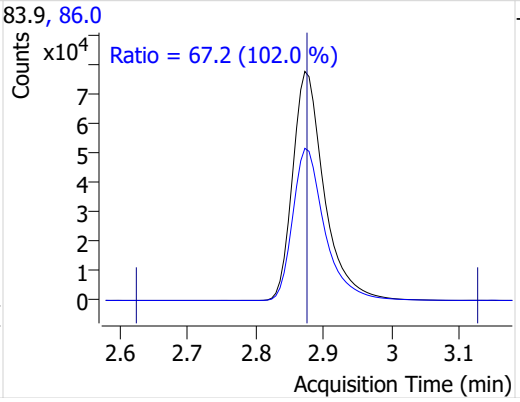


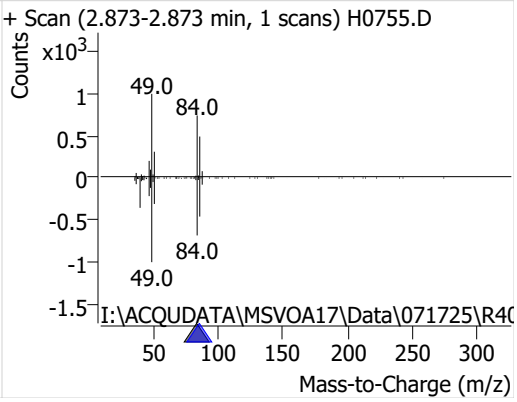




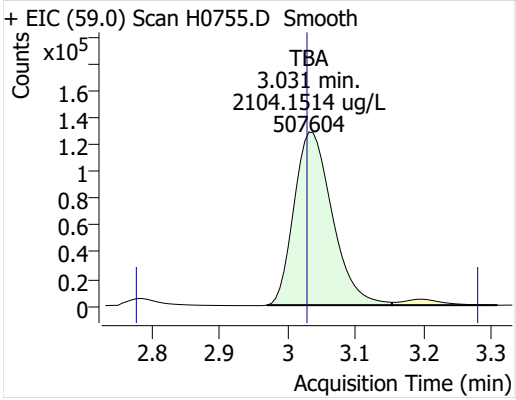
Methylene Chloride

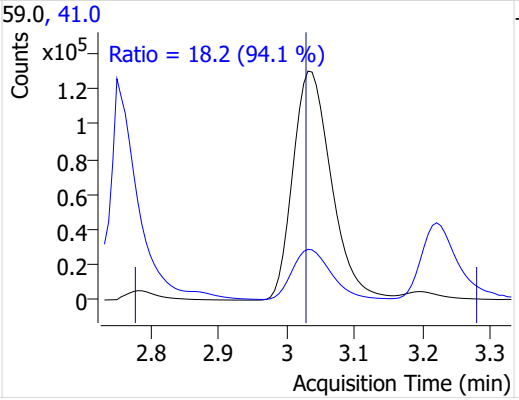


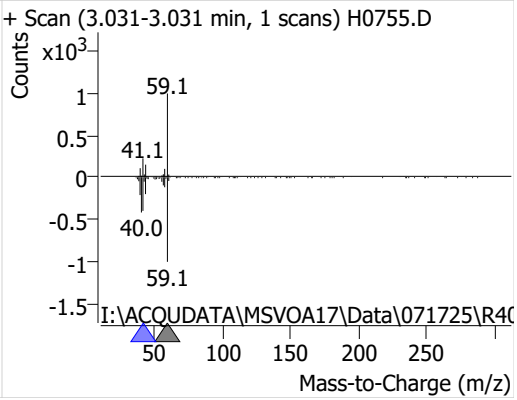




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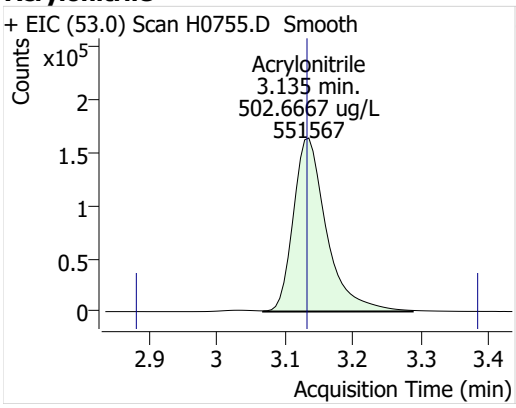


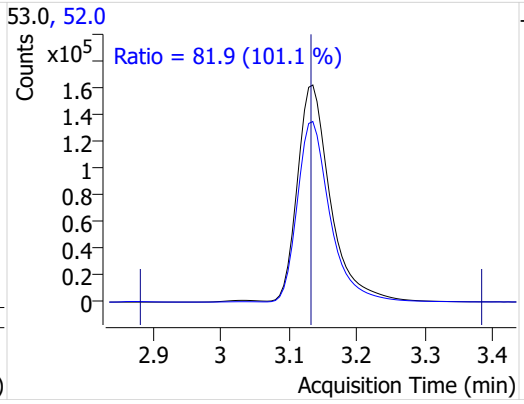


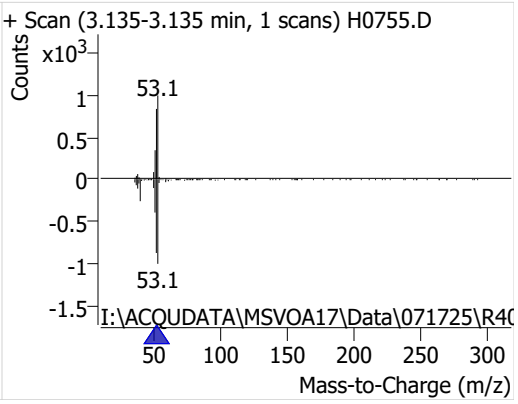


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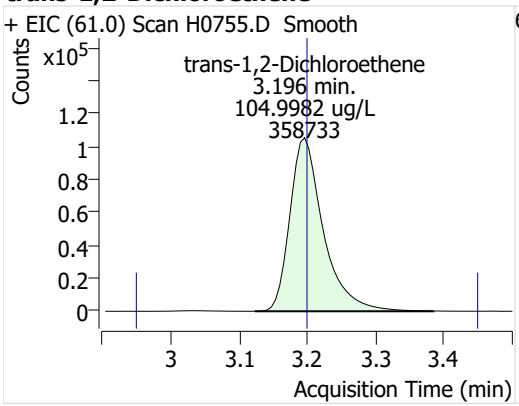
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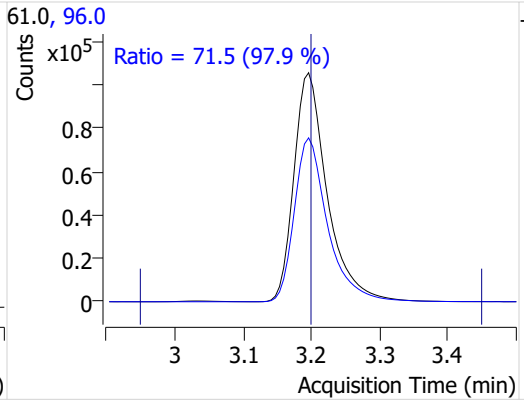


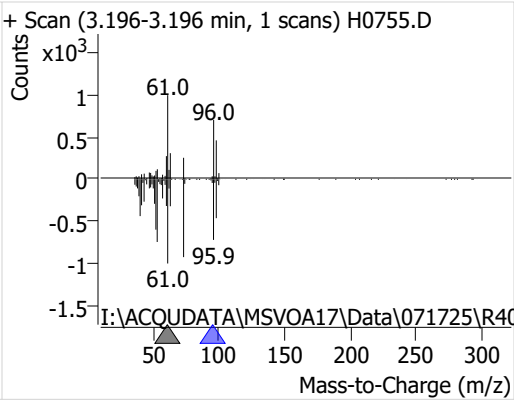




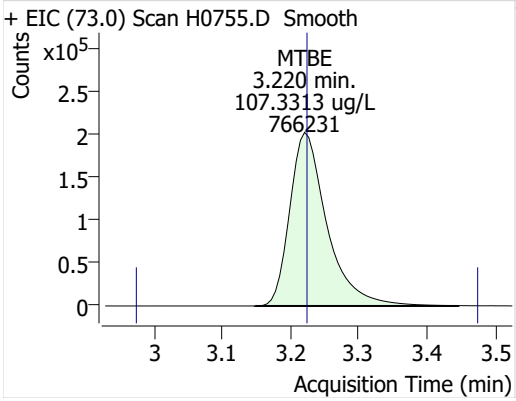
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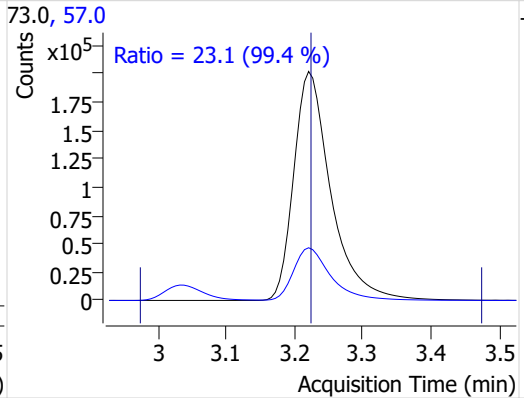


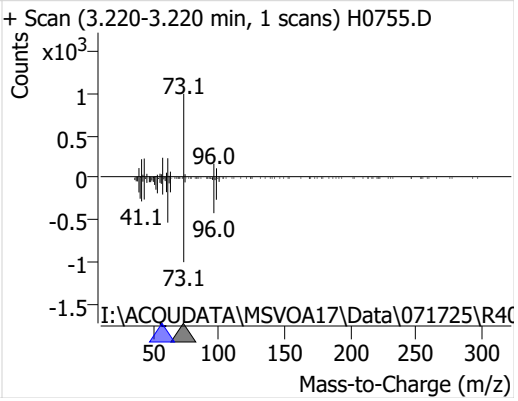




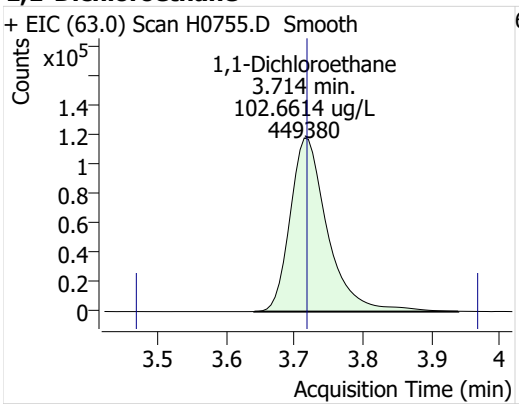
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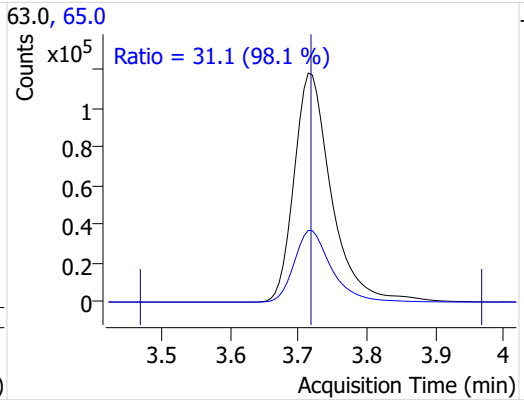


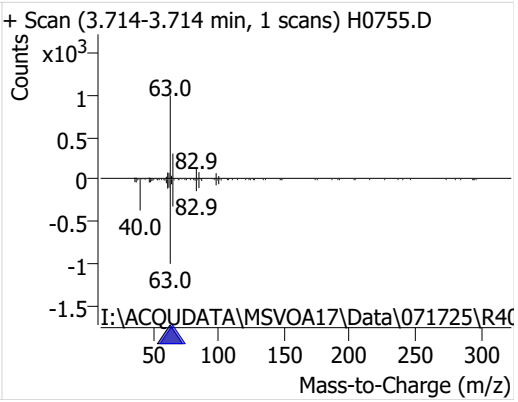




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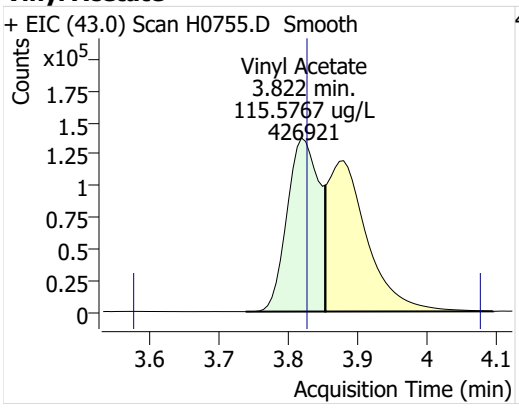


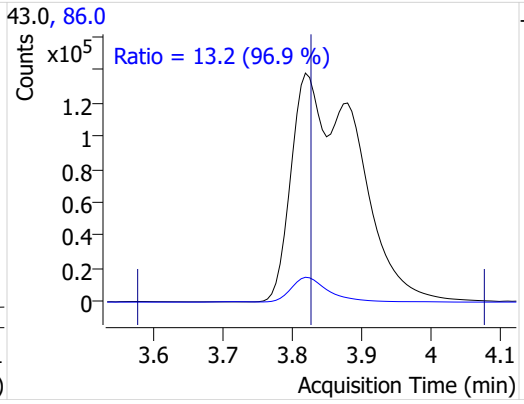


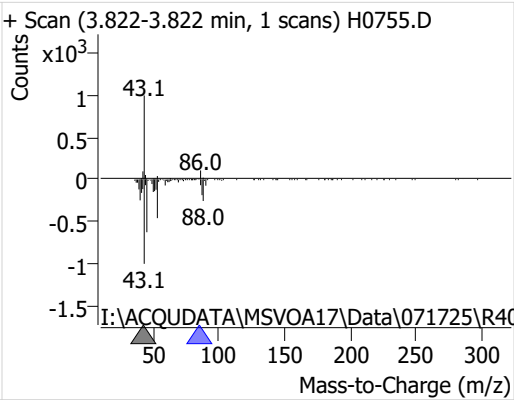


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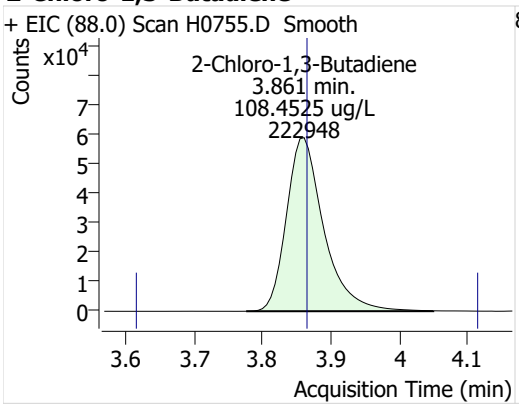
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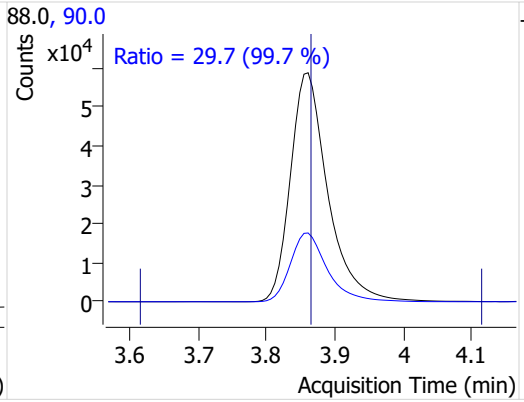


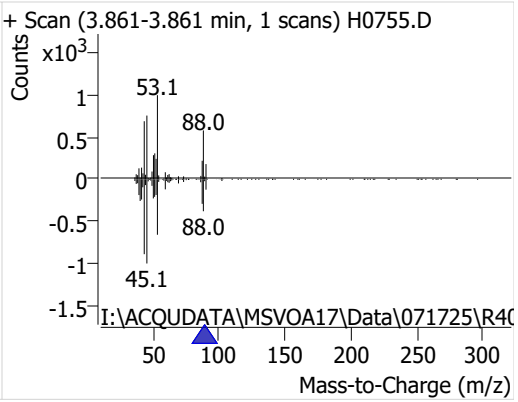




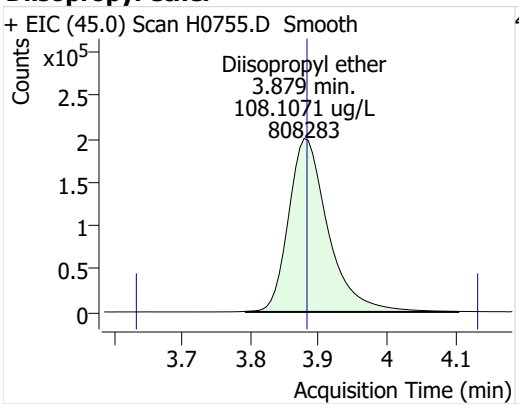
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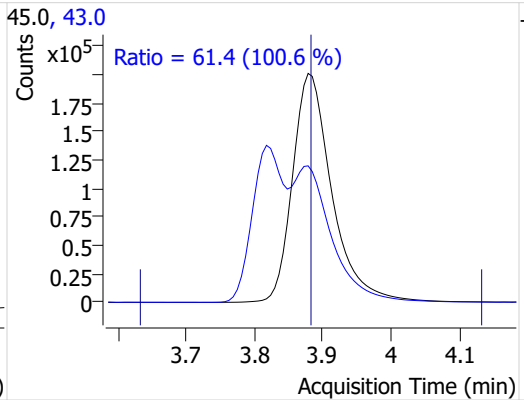


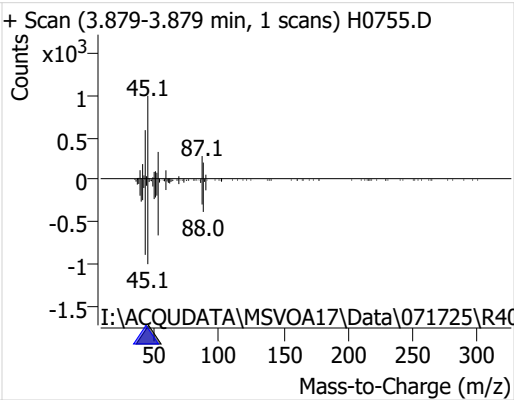




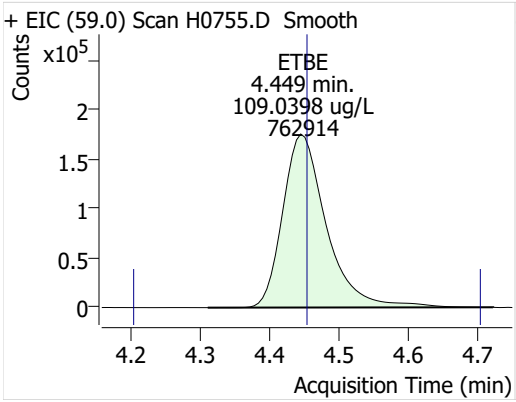
Diisopropyl ether

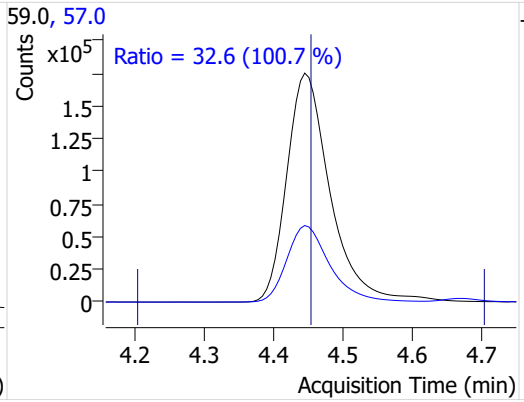


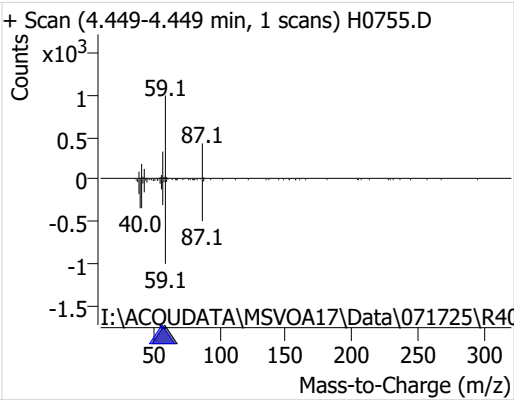




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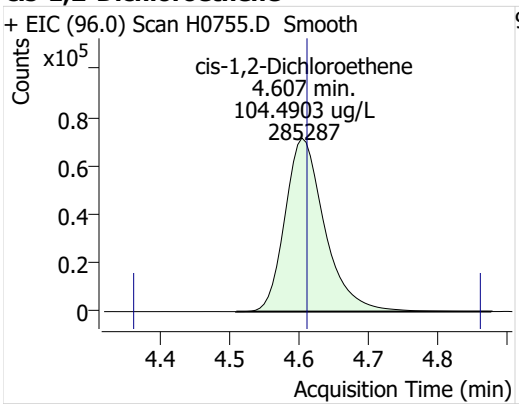


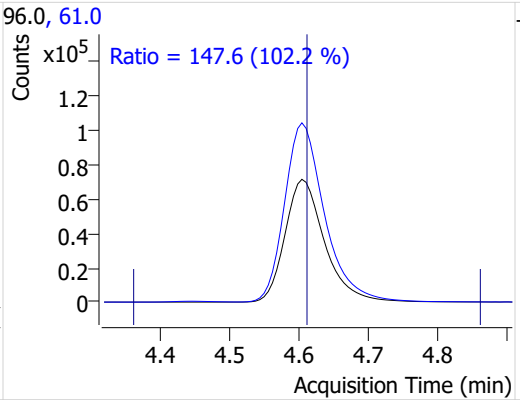


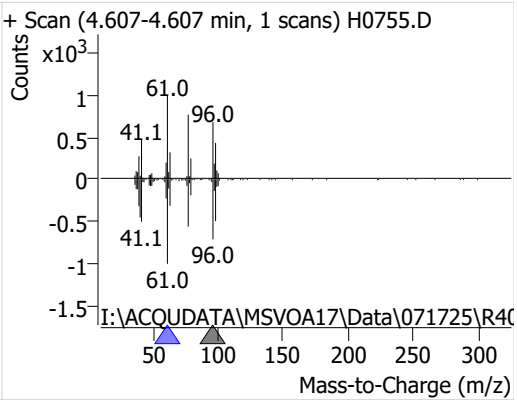


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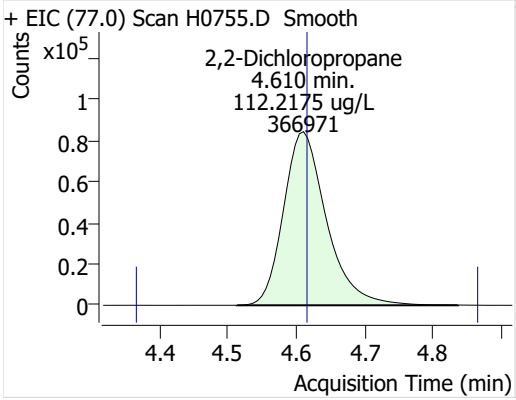
cis-1,2-Dichloroethene

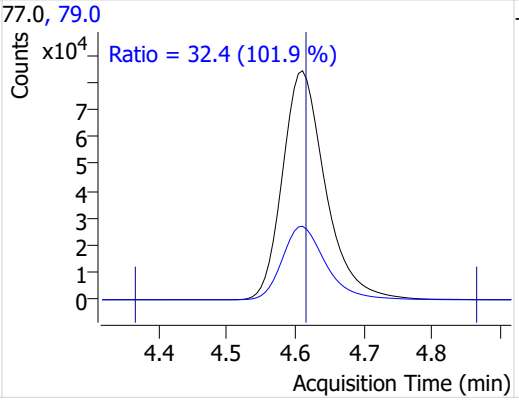


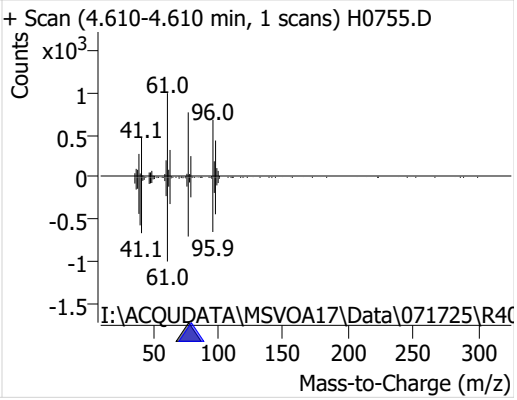




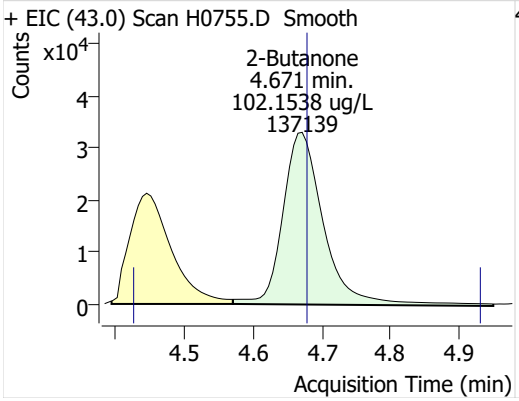
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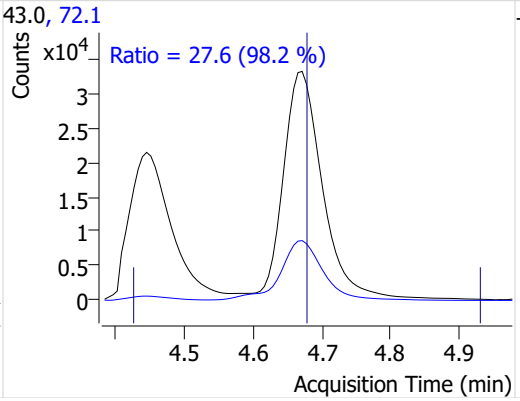


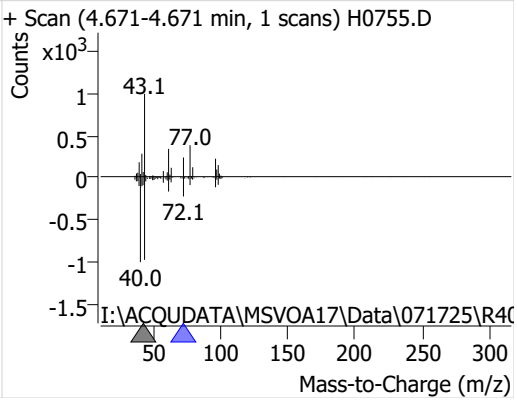




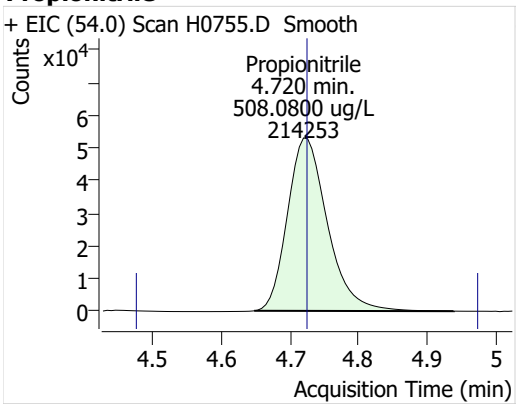
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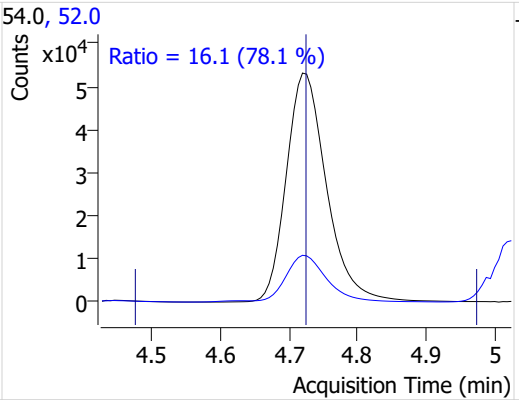


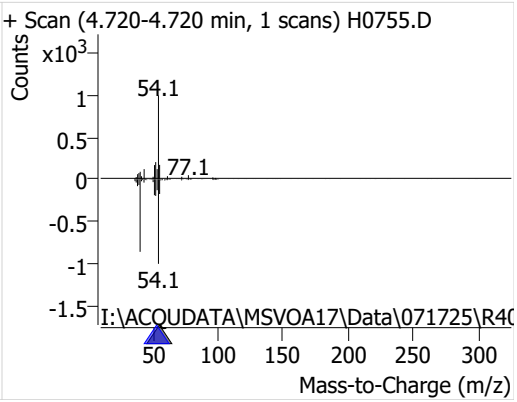




Propionitrile

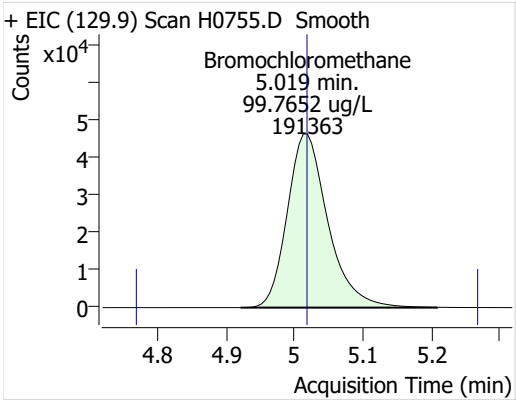


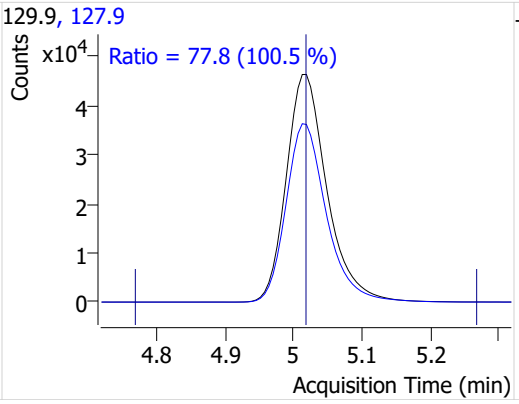


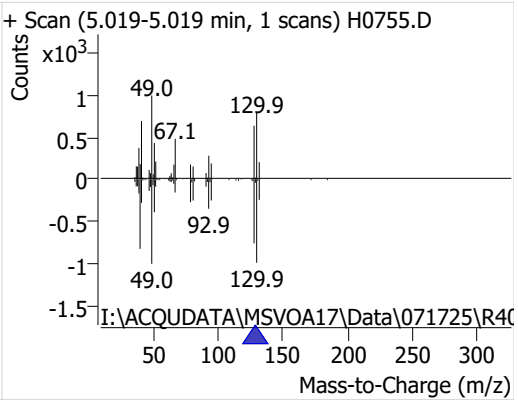


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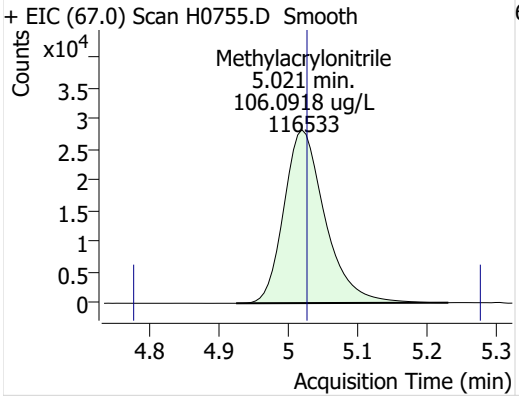
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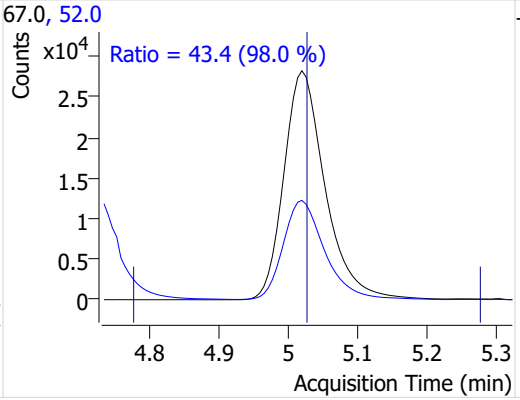


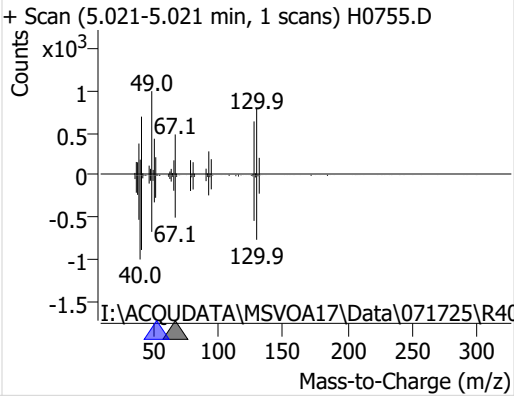




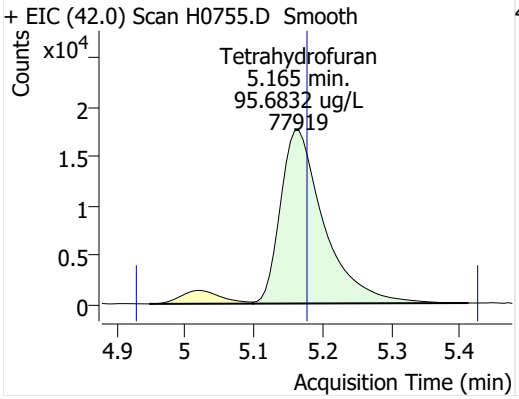
Methylacrylonitrile

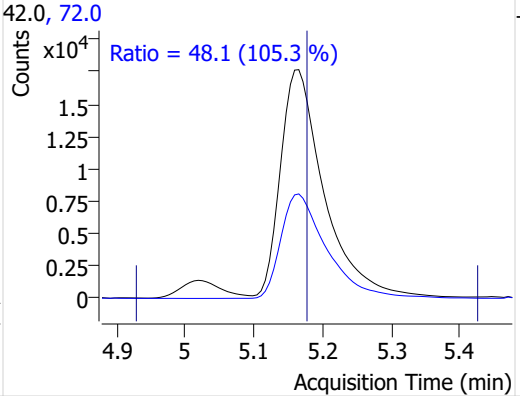


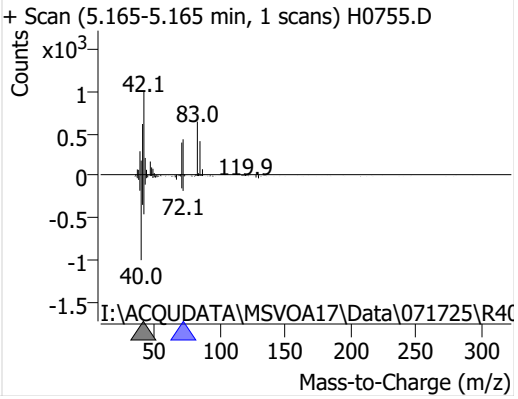




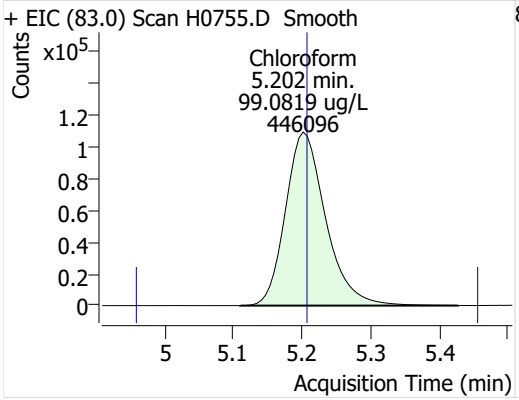
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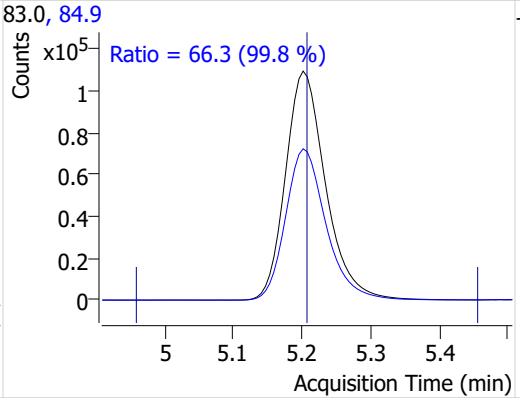


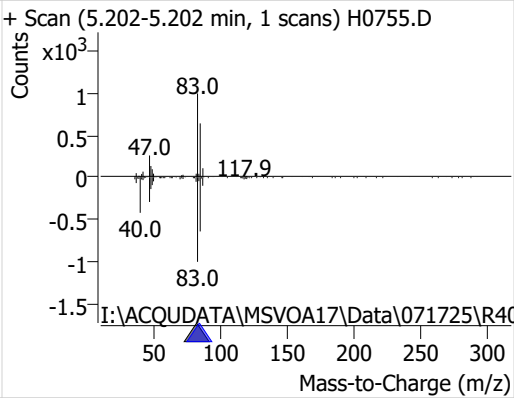




Chloroform

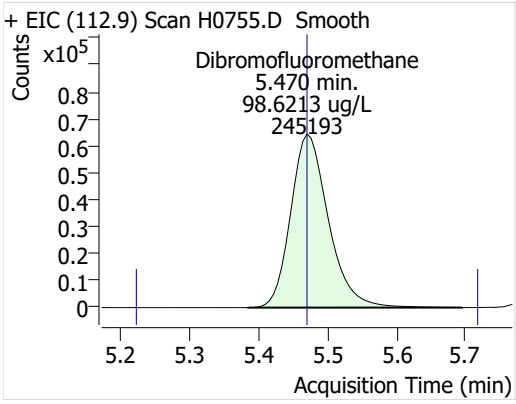


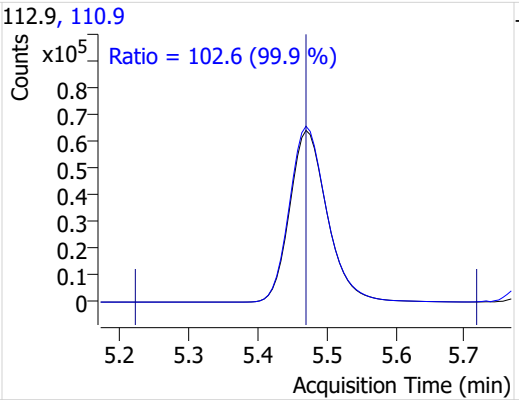


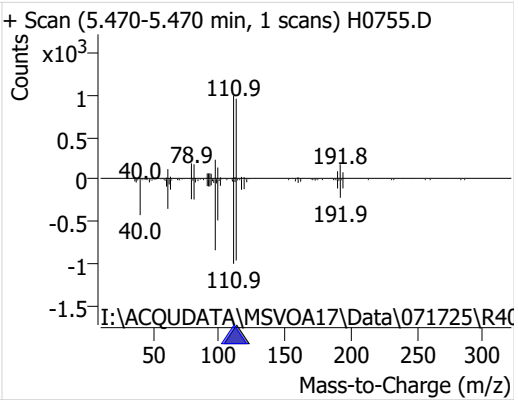


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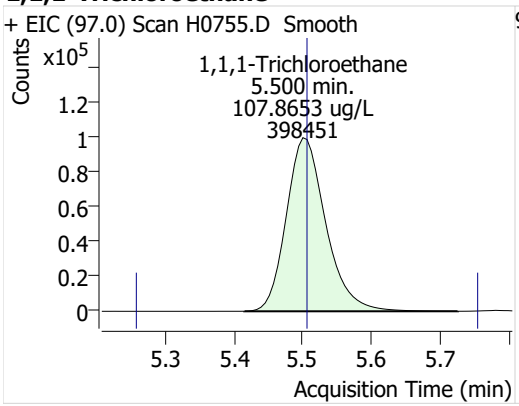
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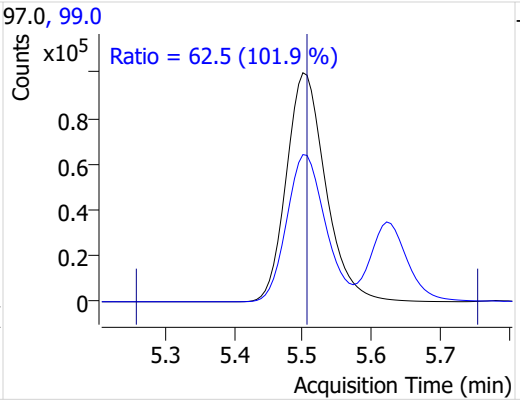


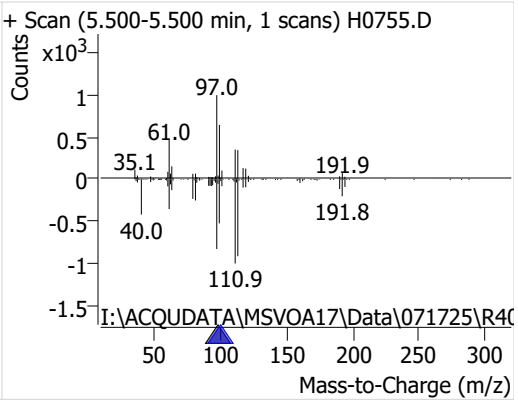




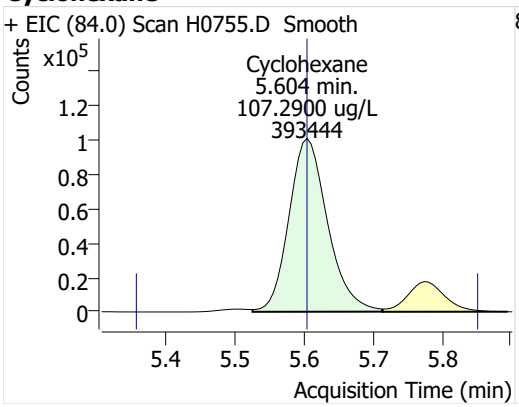
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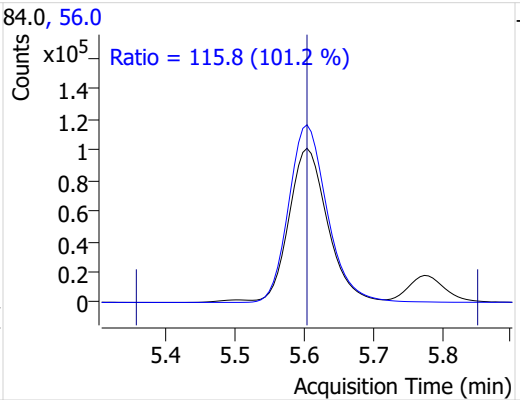


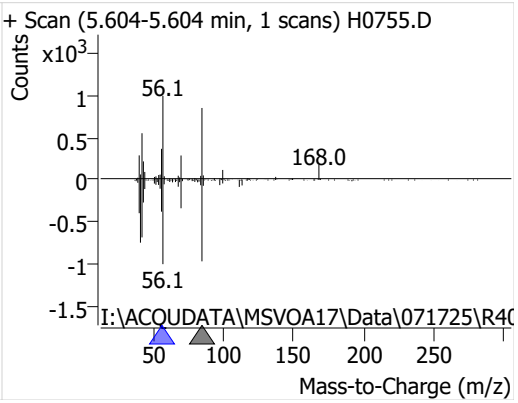




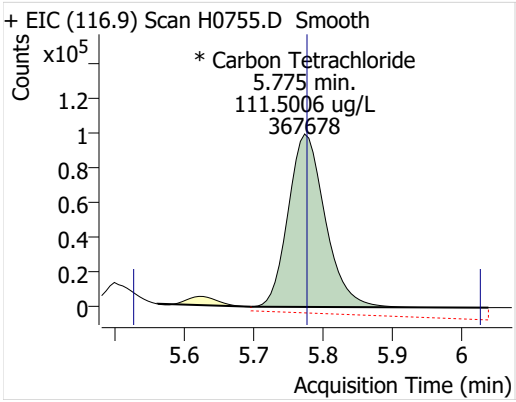
Cyclohexane

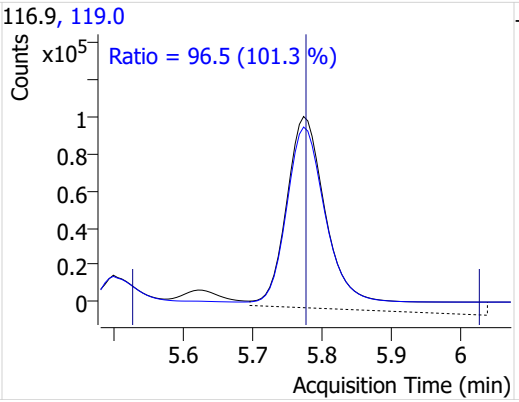


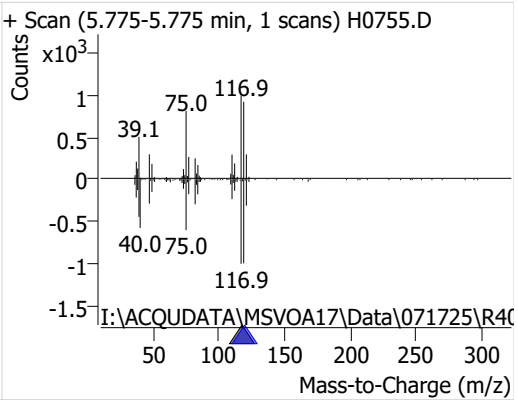




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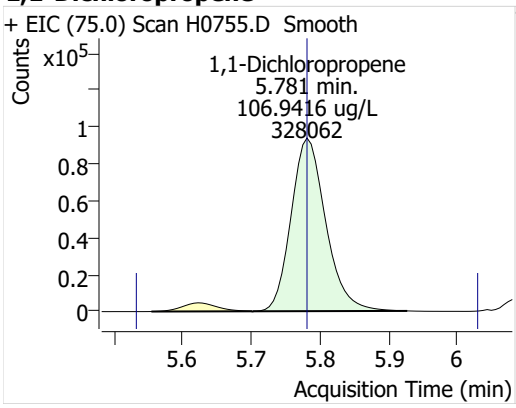


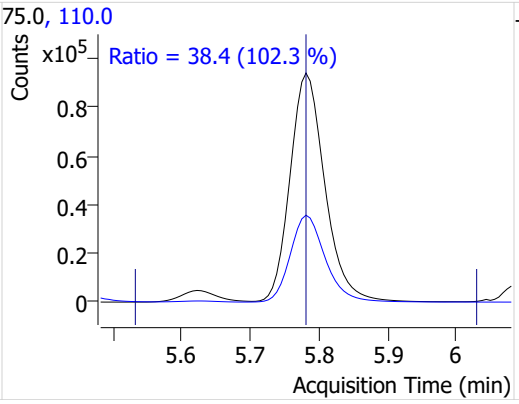


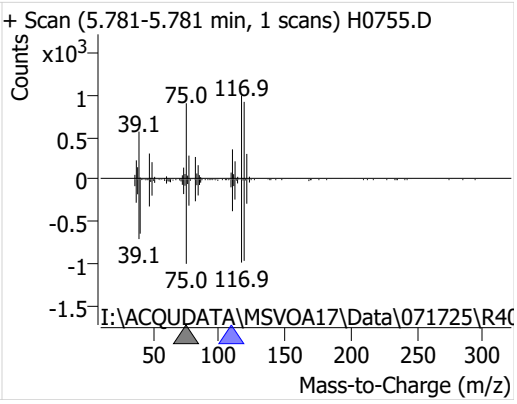


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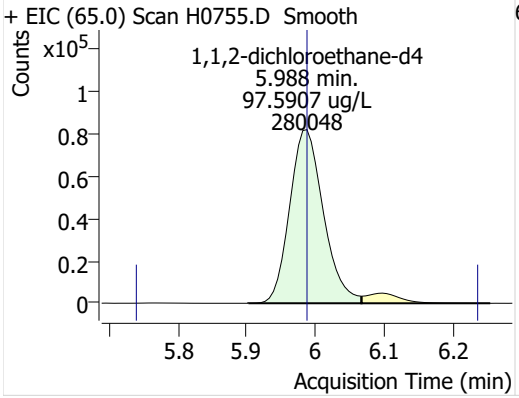
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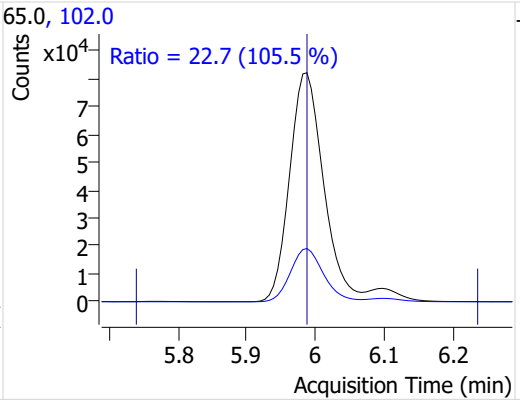


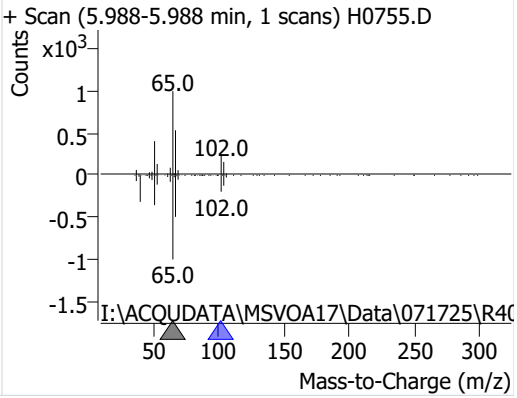




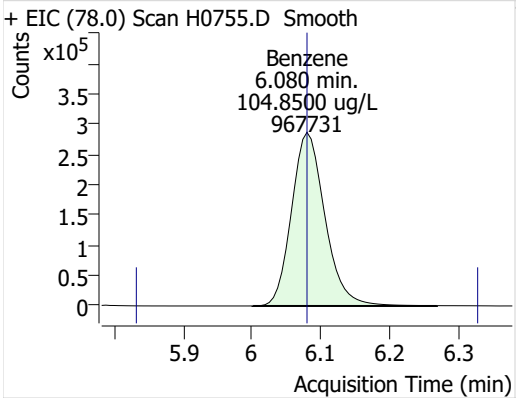
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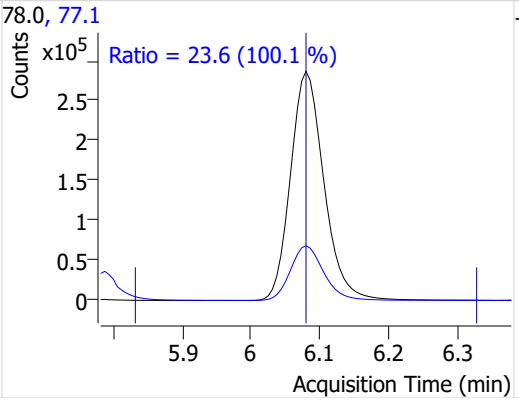


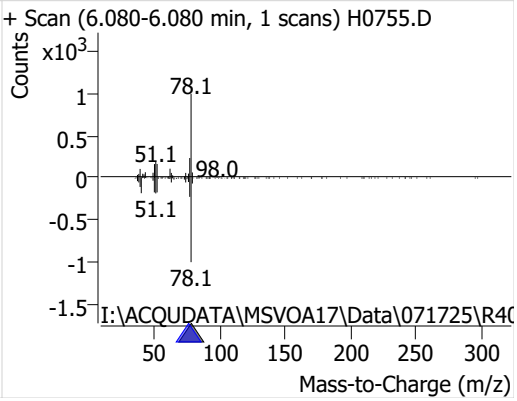




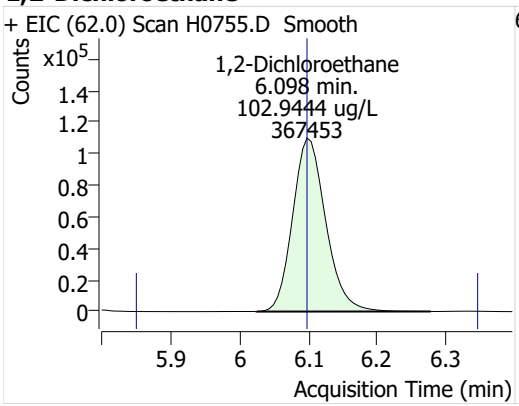
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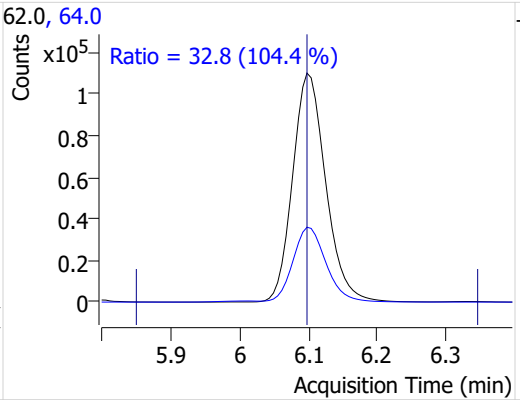


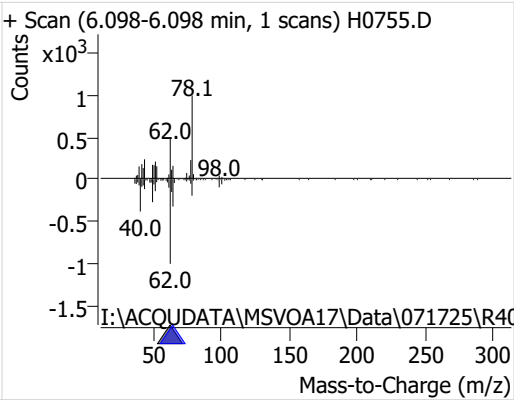




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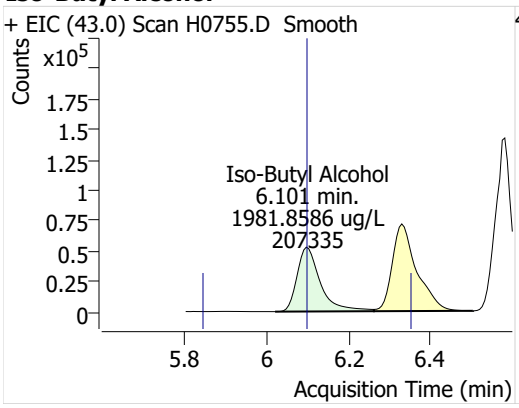


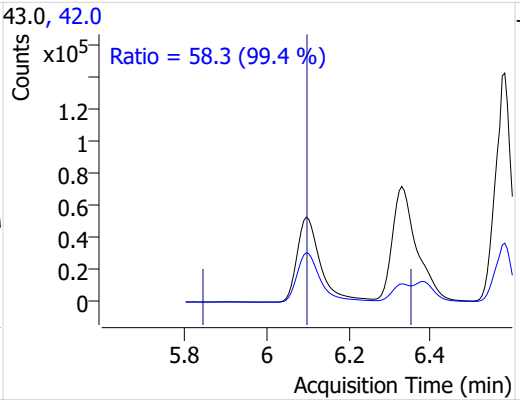


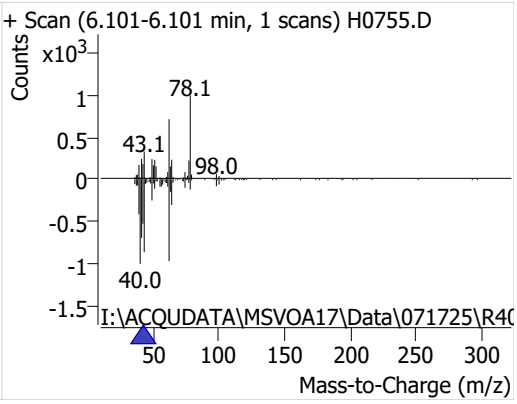


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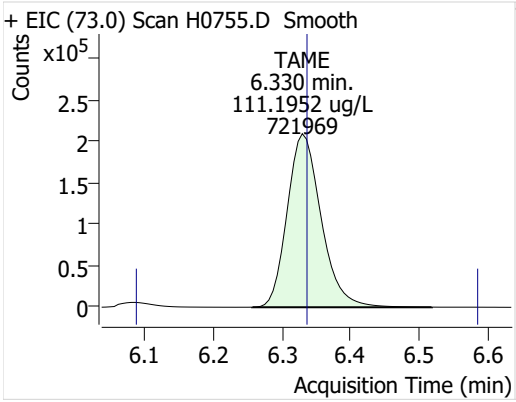
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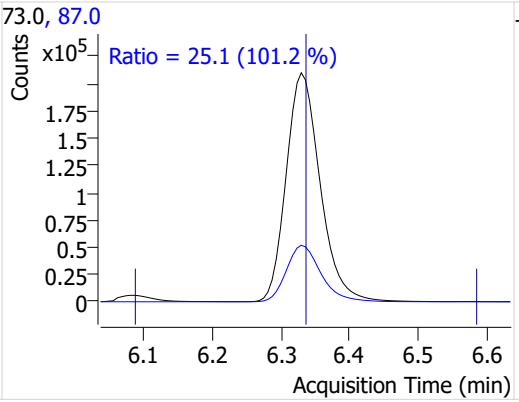


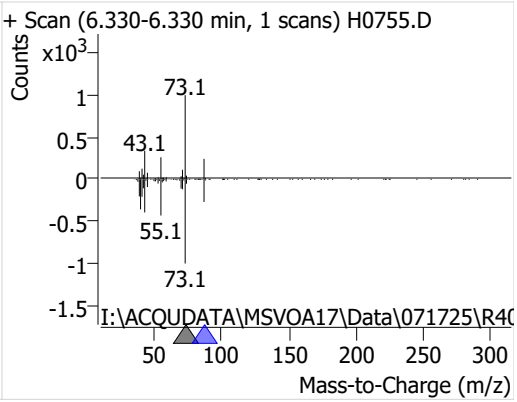




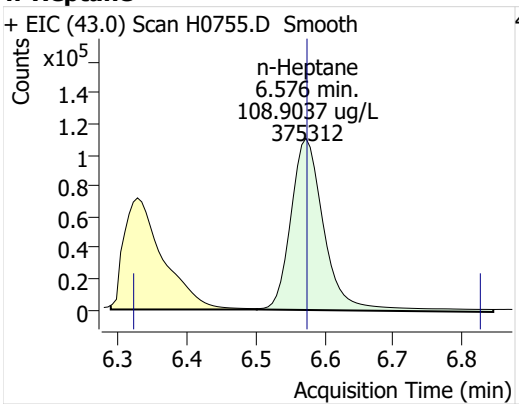
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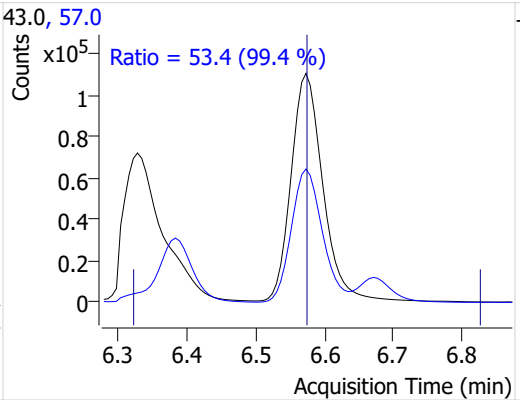


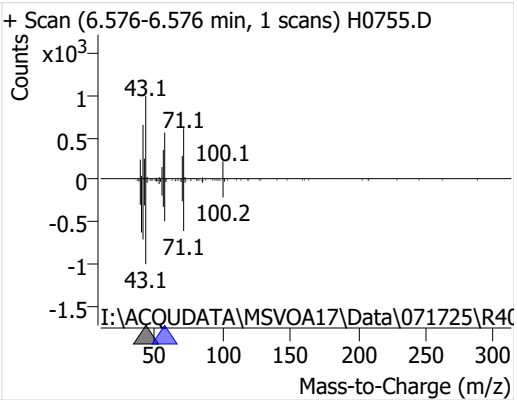




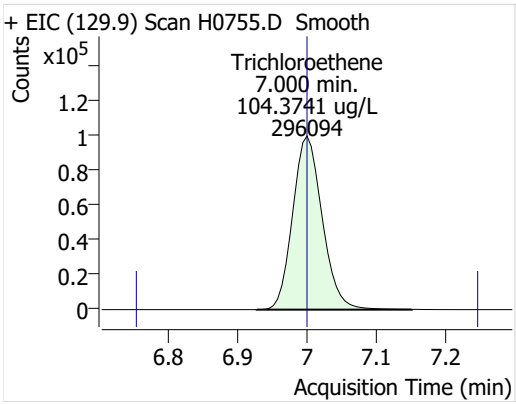
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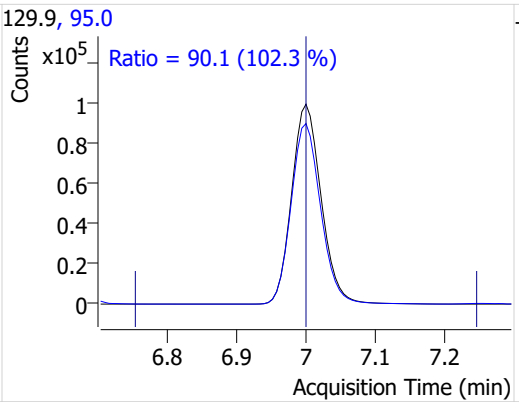


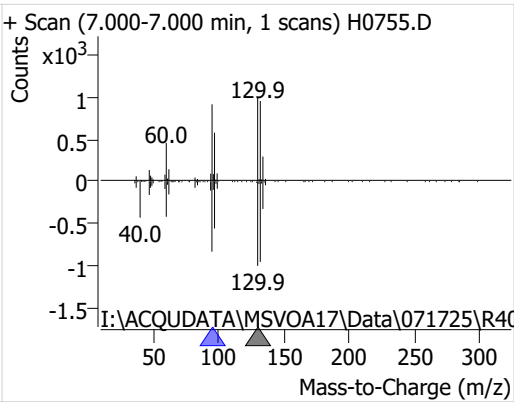




Trichloroethene

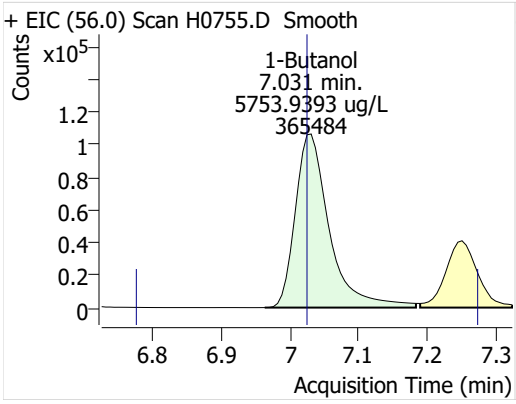


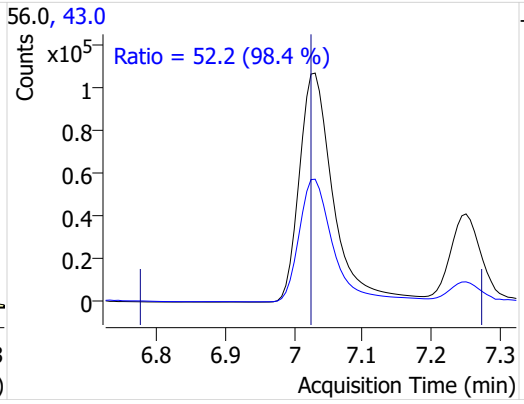


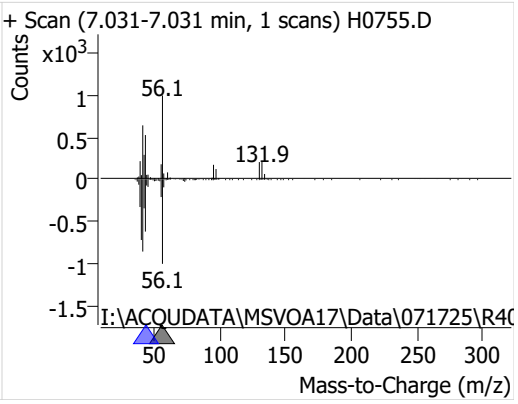


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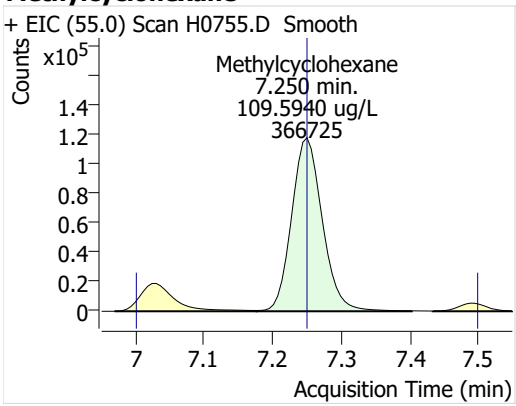
1-Butanol

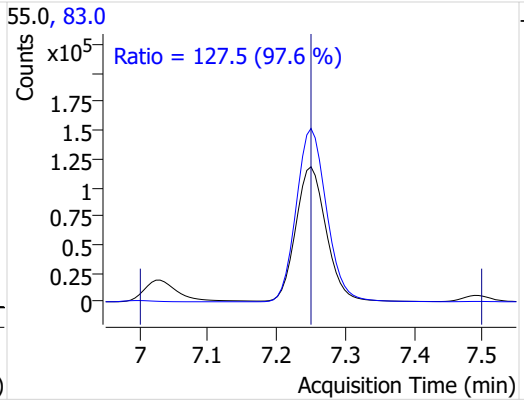


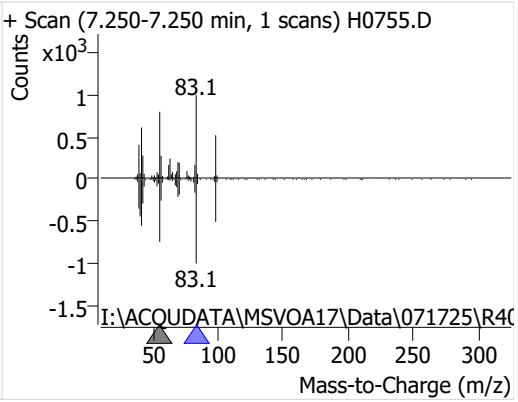




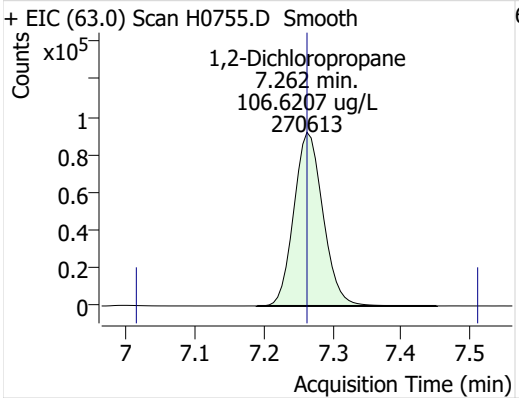
Methylcyclohexane

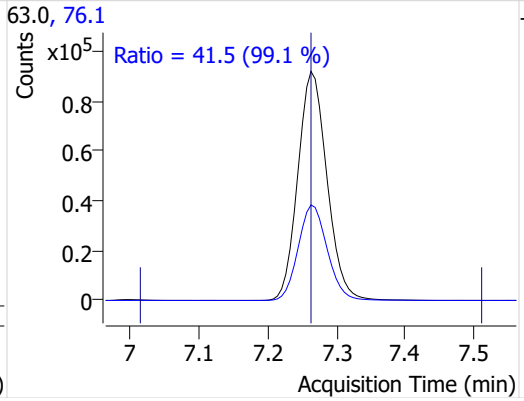


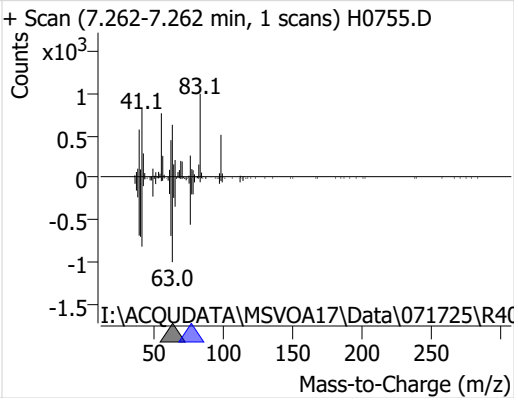




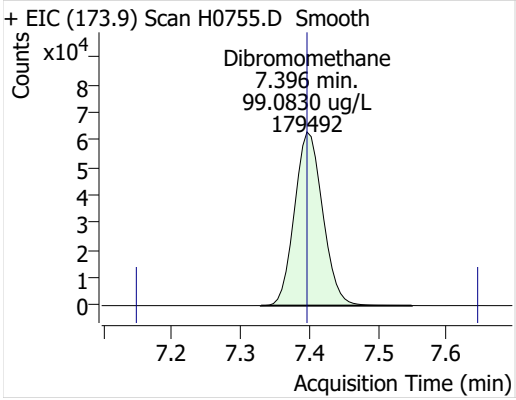
1,2-Dichloropropane

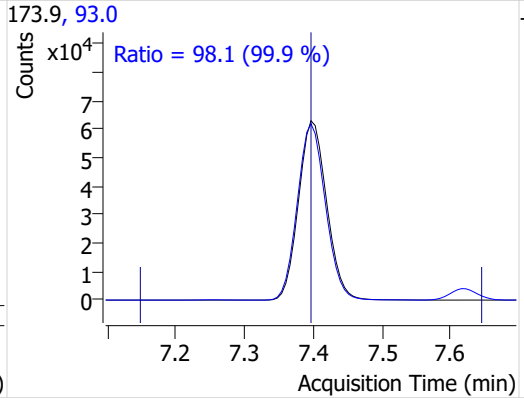


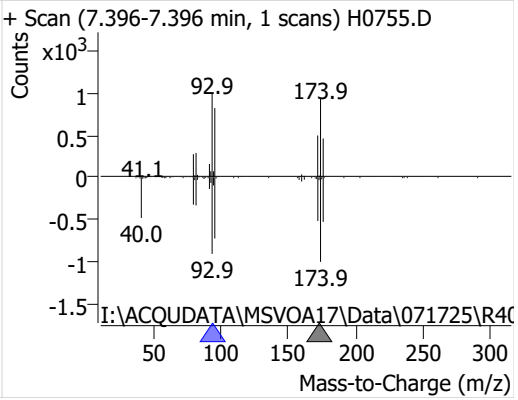




Dibromomethane

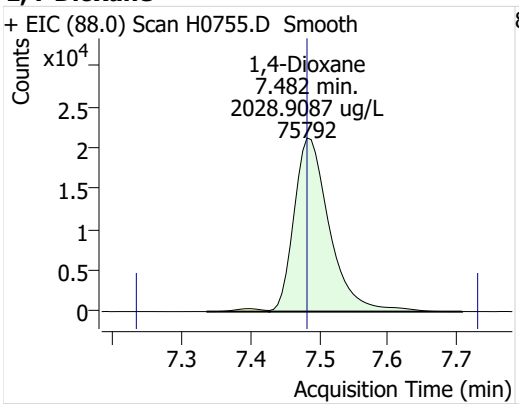


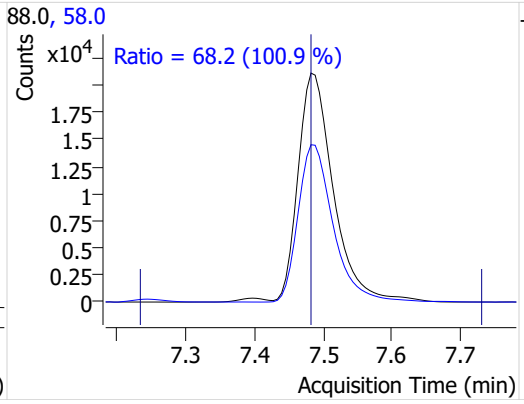


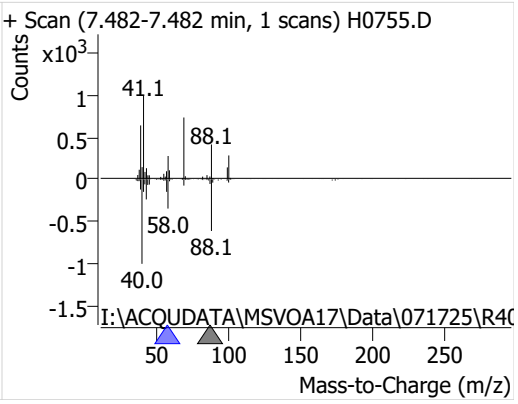


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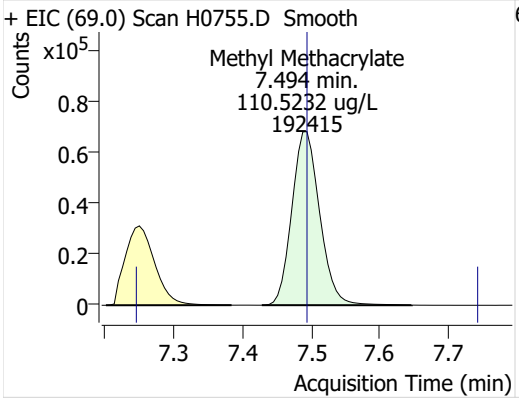
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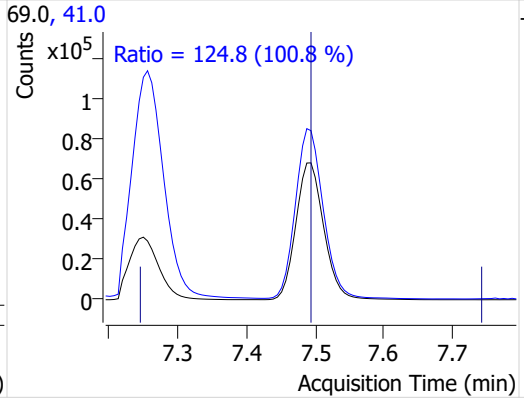


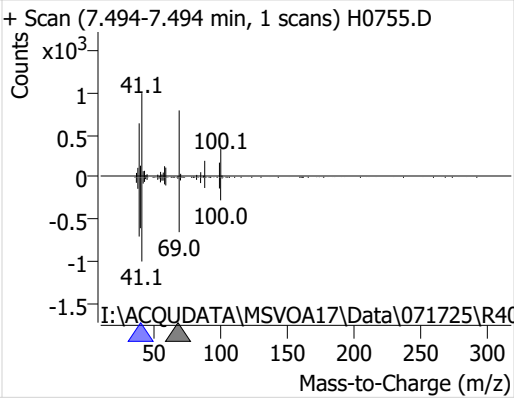




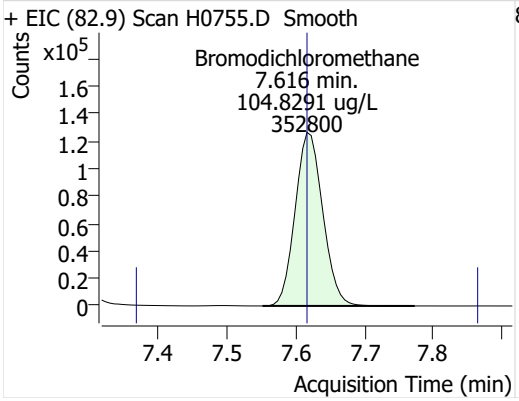
Methyl Methacrylate

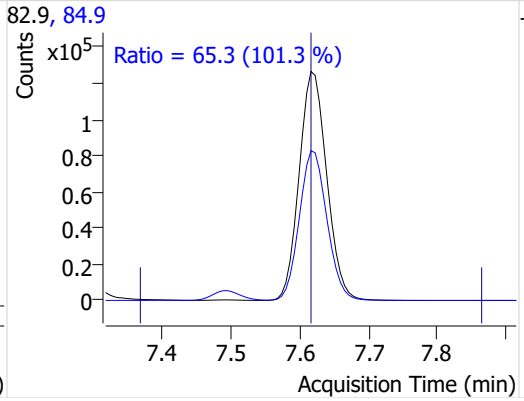


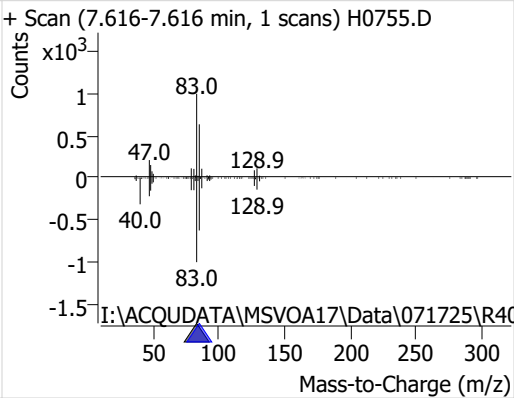




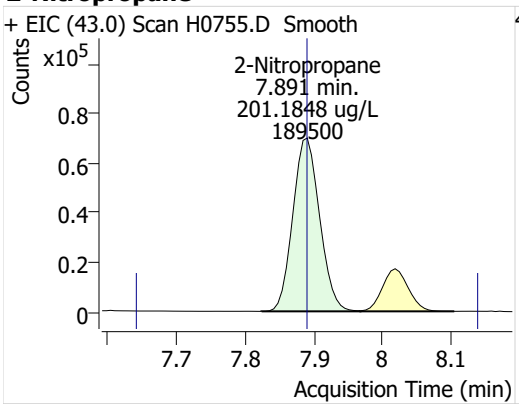
Bromodichloromethane

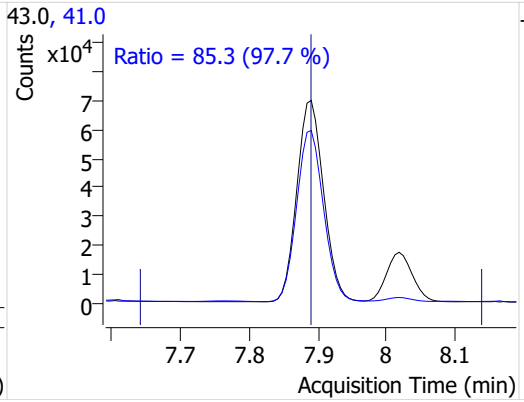


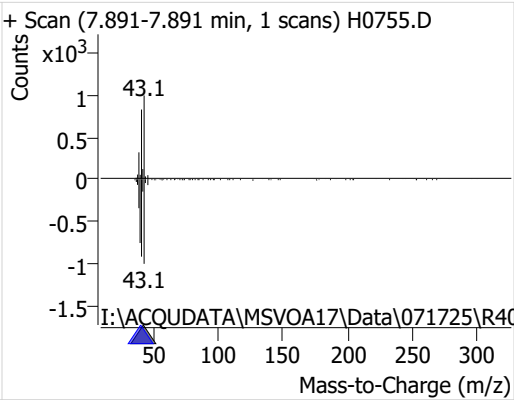




2-Nitropropane

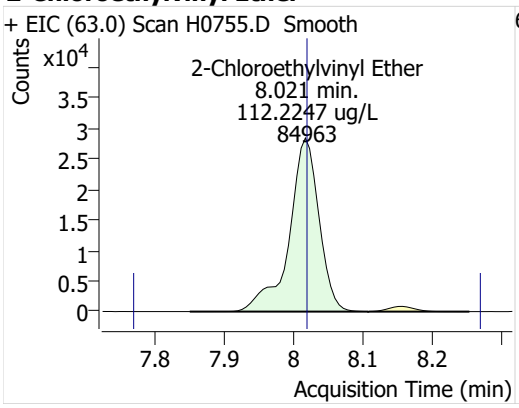


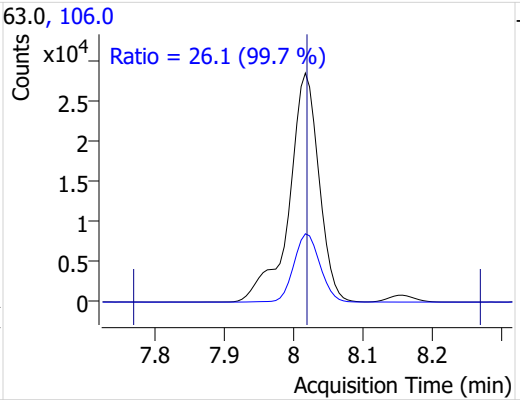


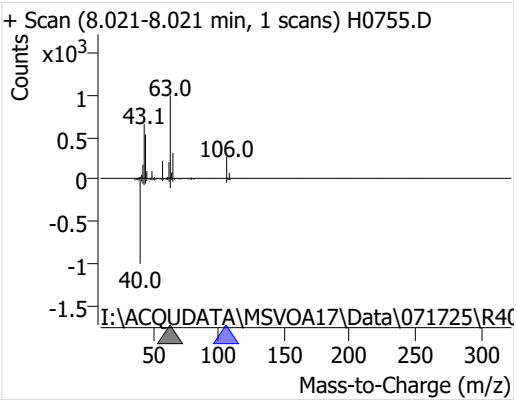


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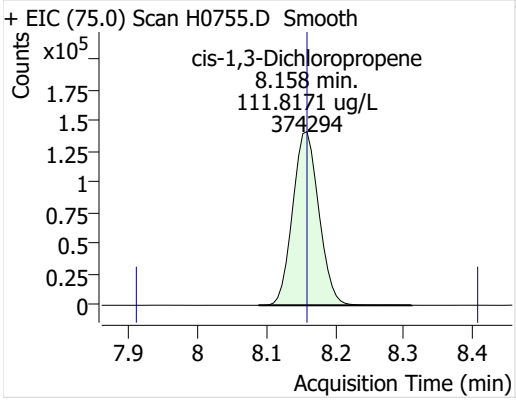
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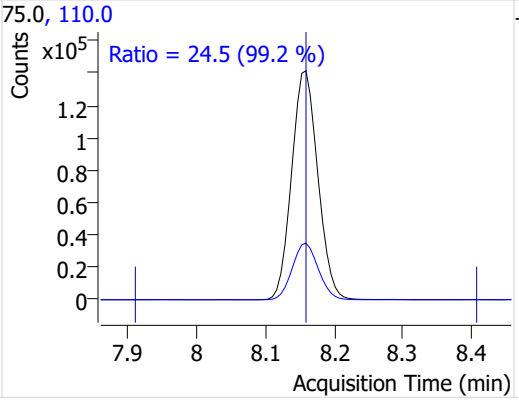


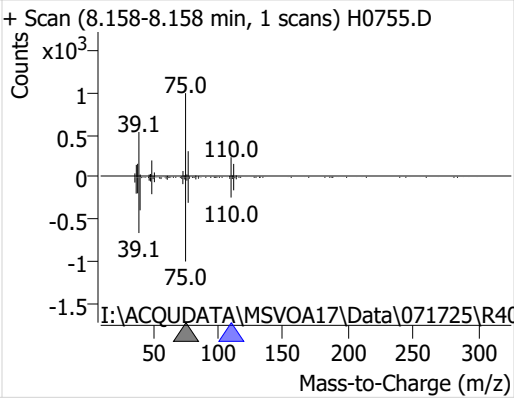




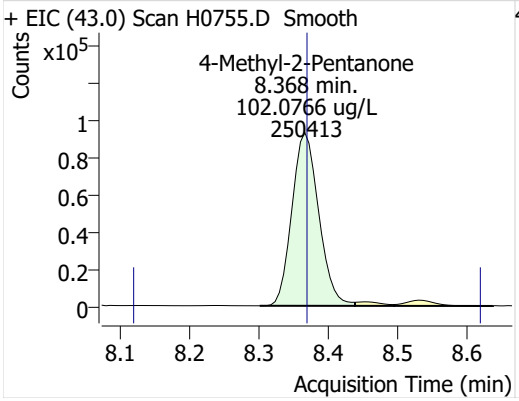
cis-1,3-Dichloropropene

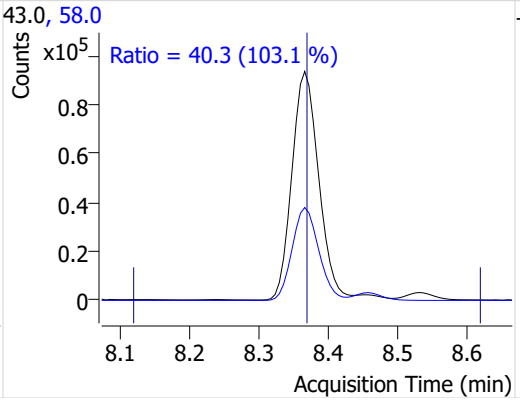


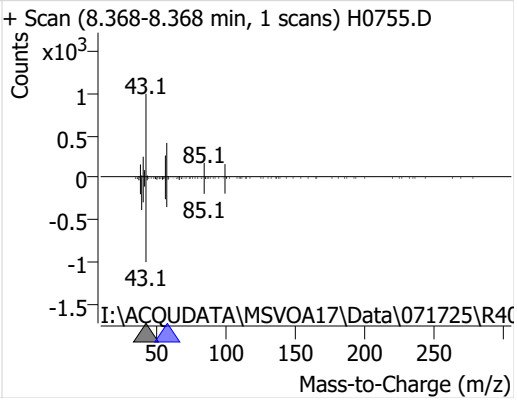




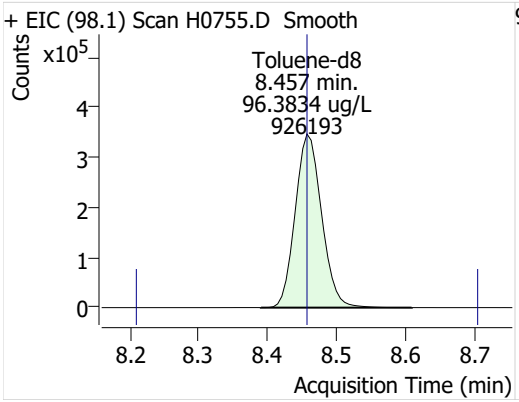
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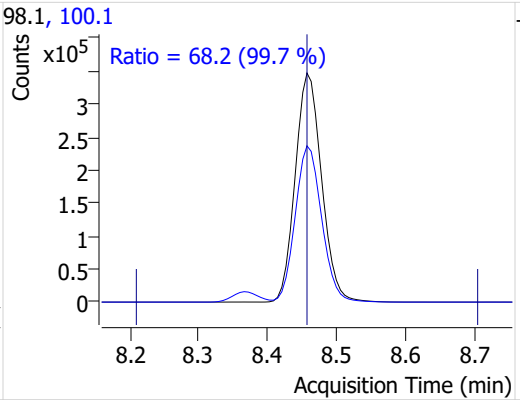


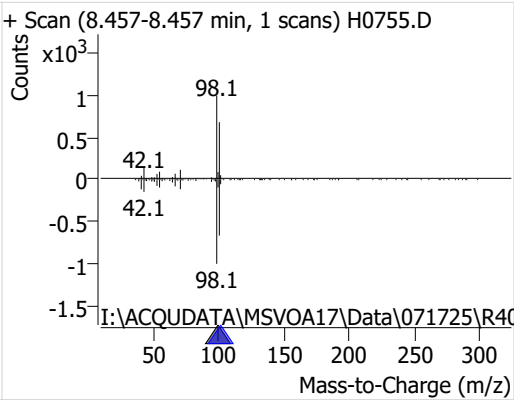




Toluene-d8

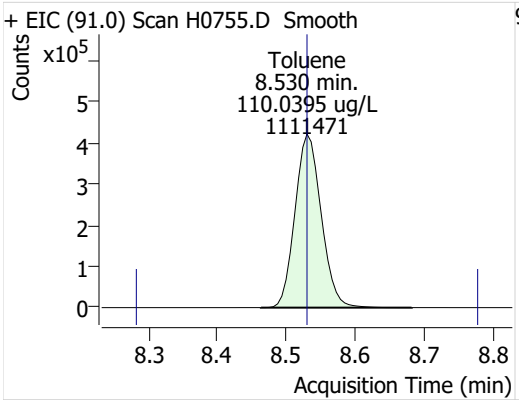


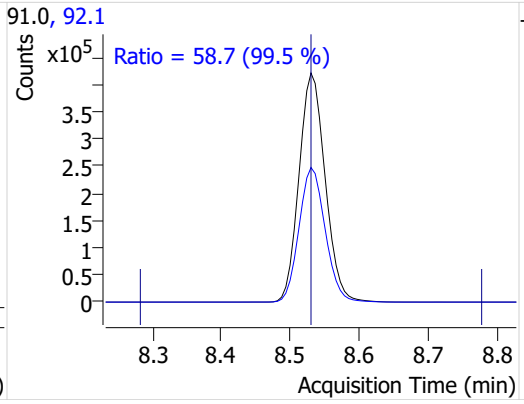


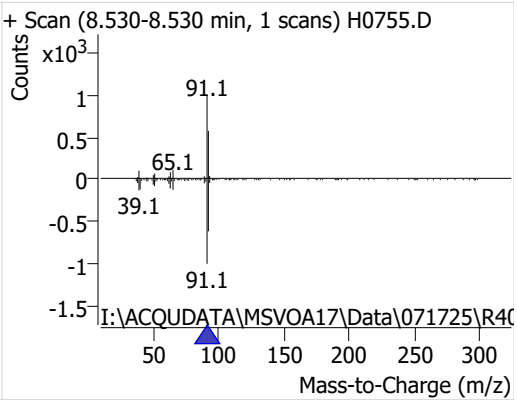


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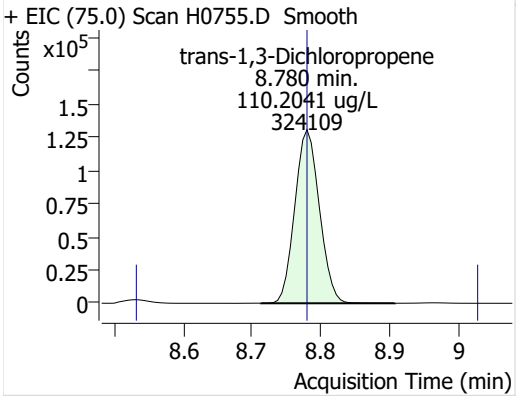
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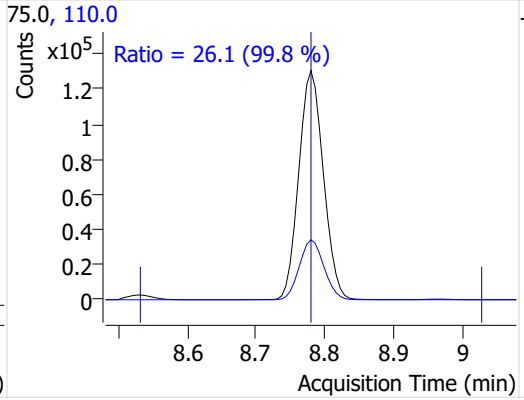


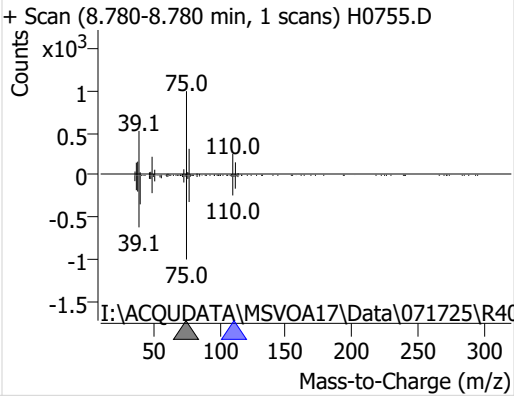




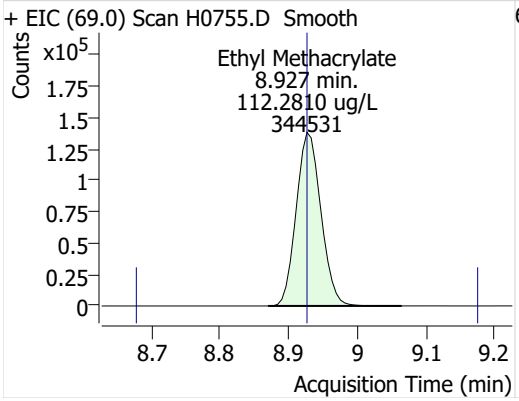
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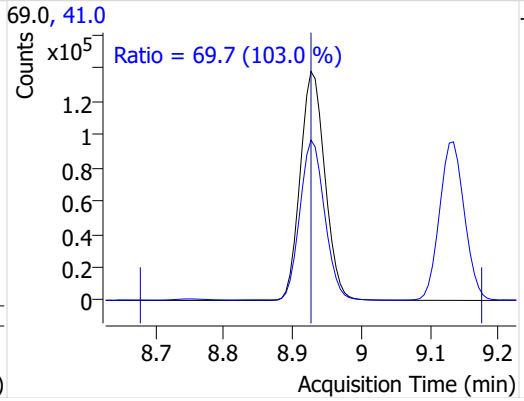


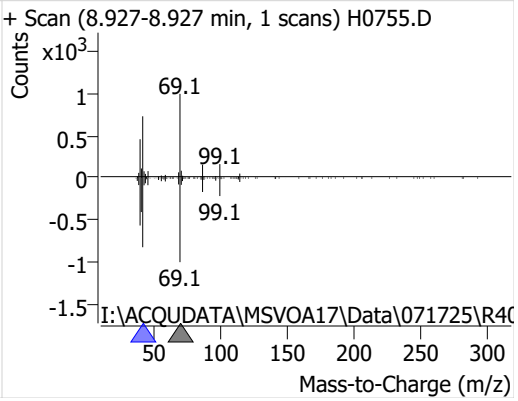




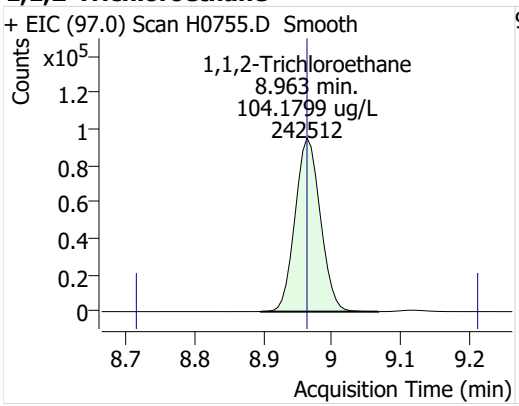
Ethyl Methacrylate

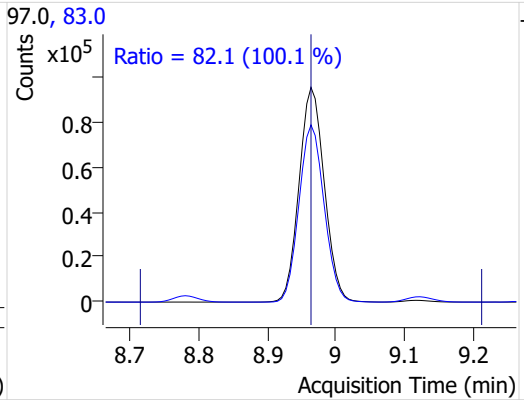


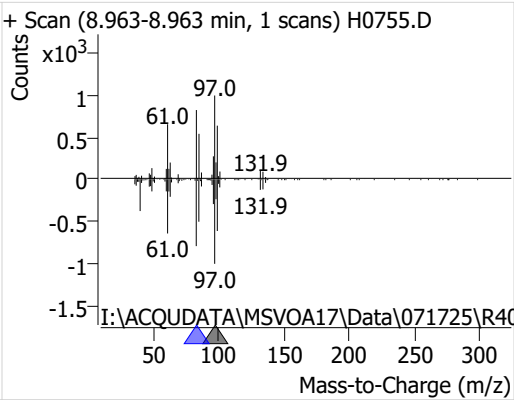




1,1,2-Trichloroethane

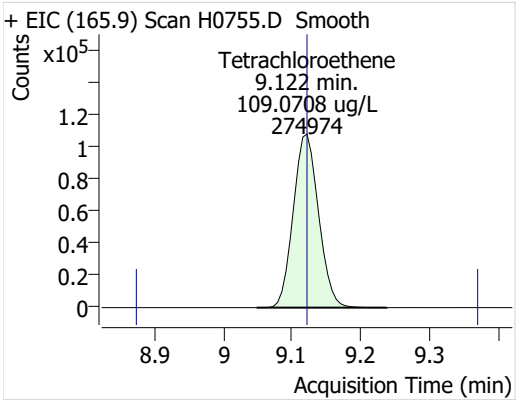


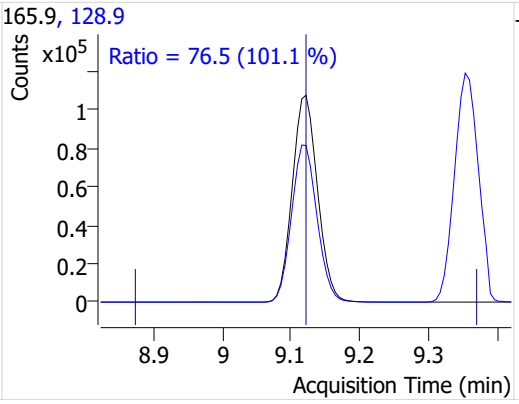


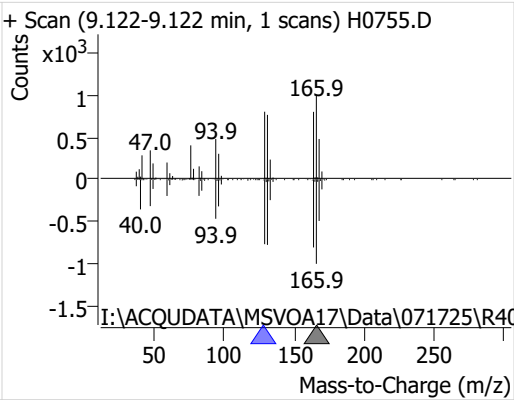


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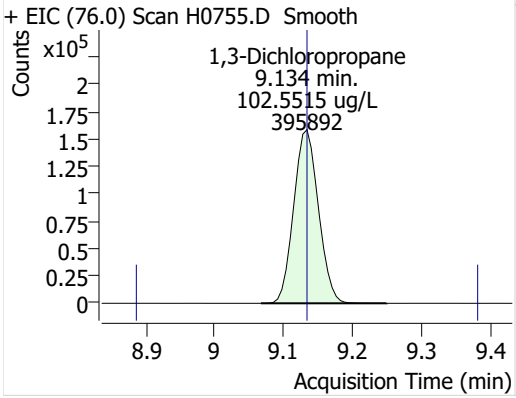
Tetrachloroethene

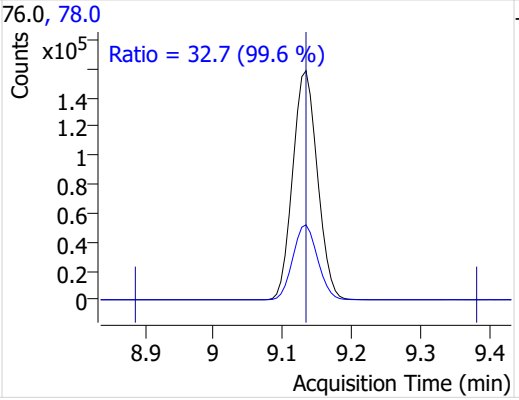


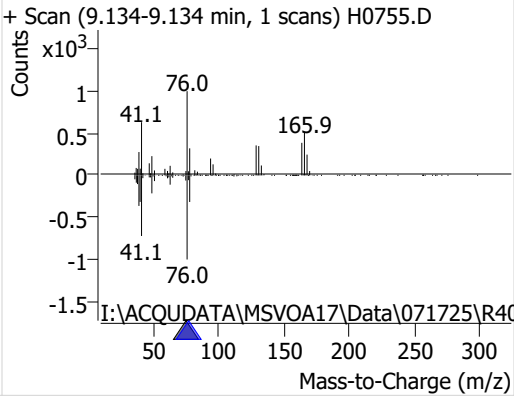




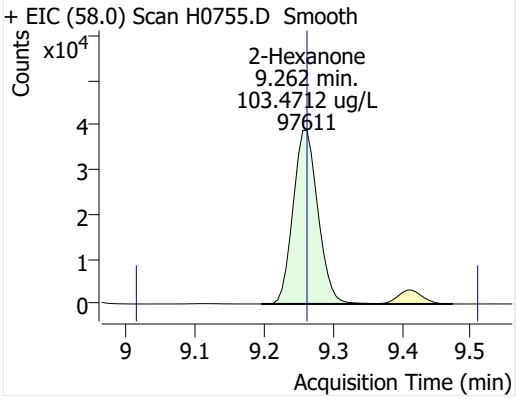
1,3-Dichloropropane

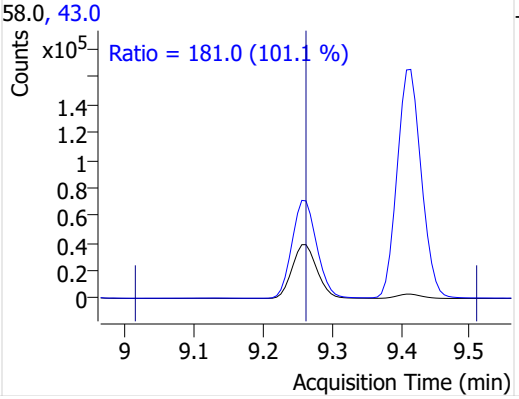


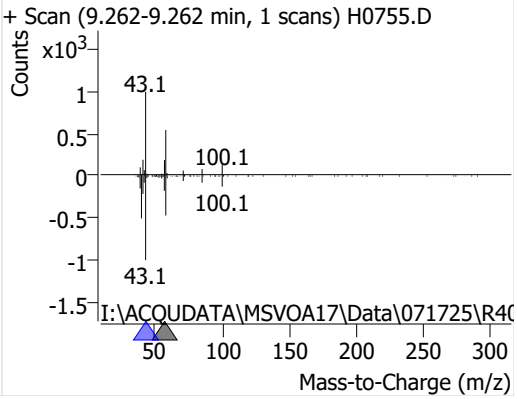




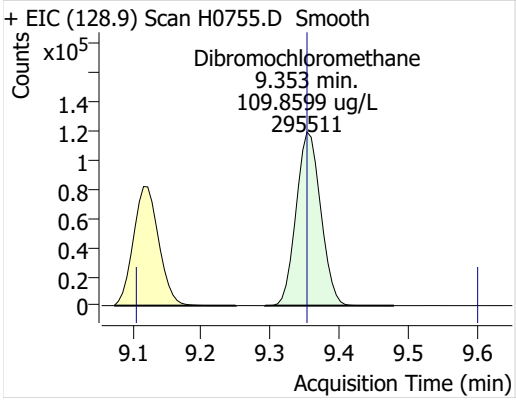
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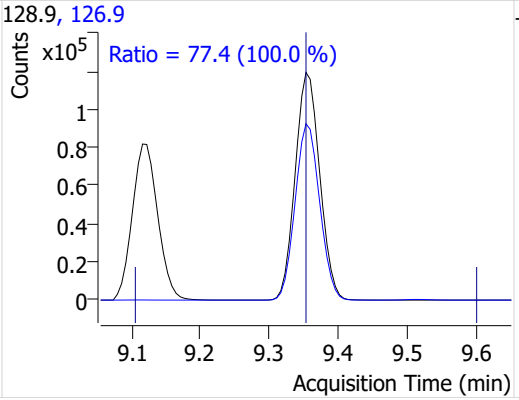


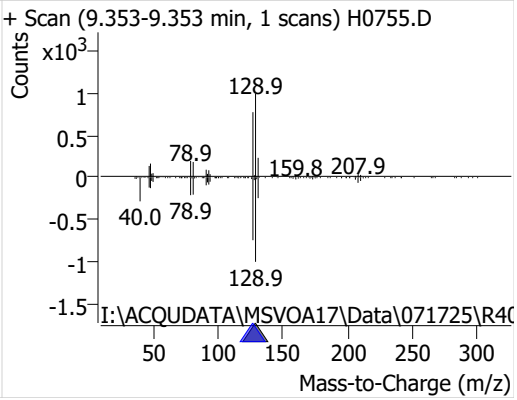




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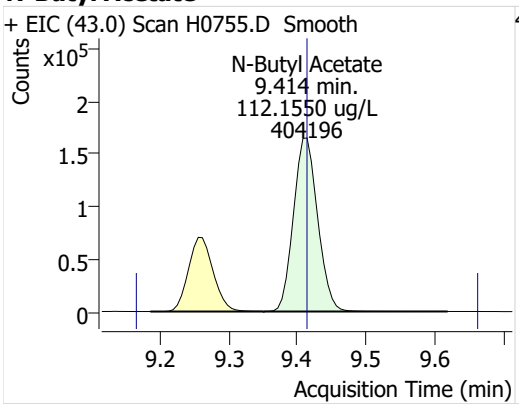


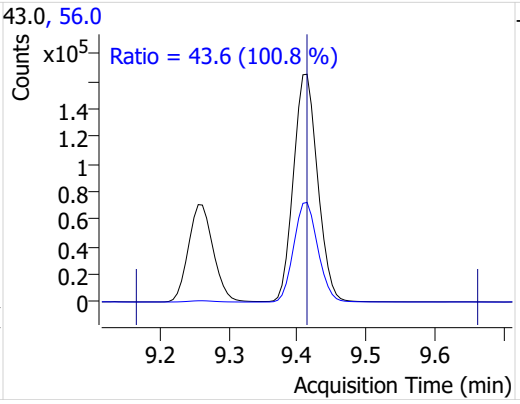


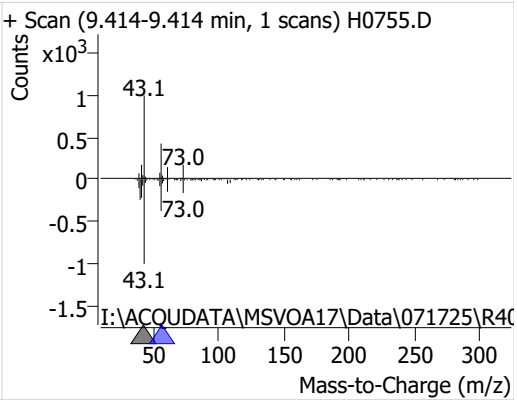


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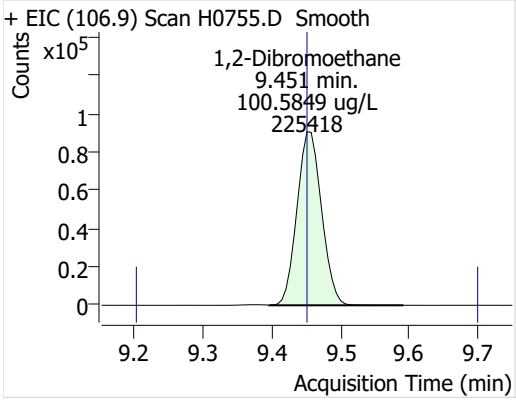
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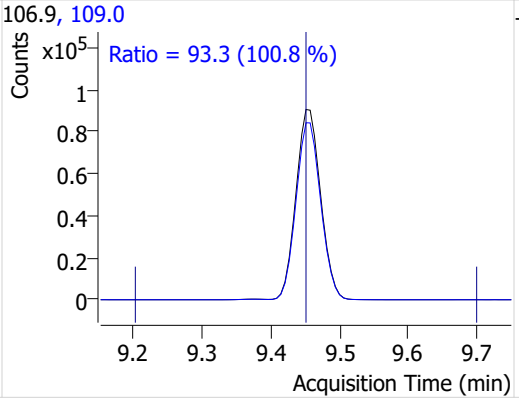


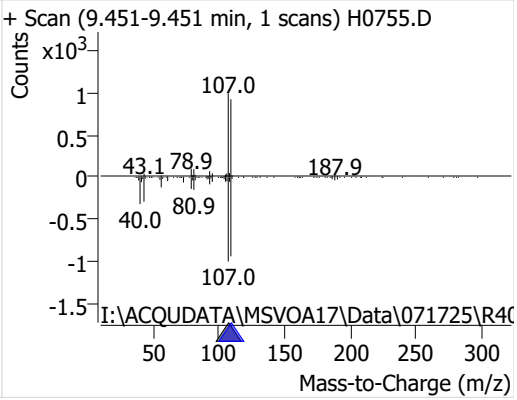




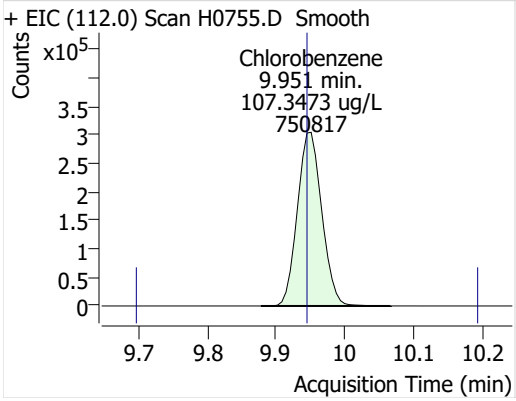
1,2-Dibromoethane

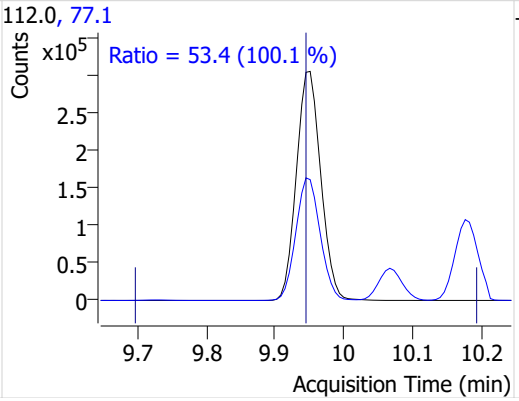


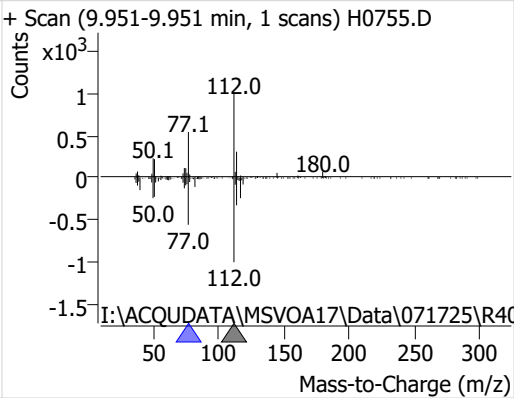




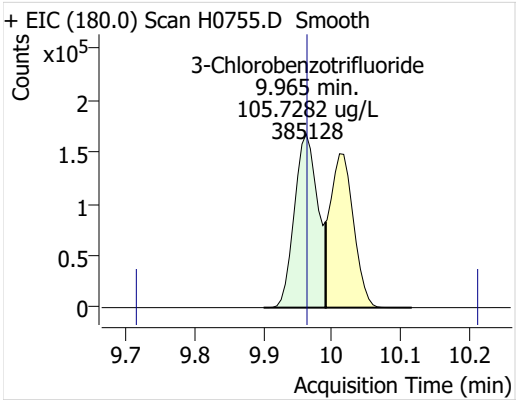
Chlorobenzene

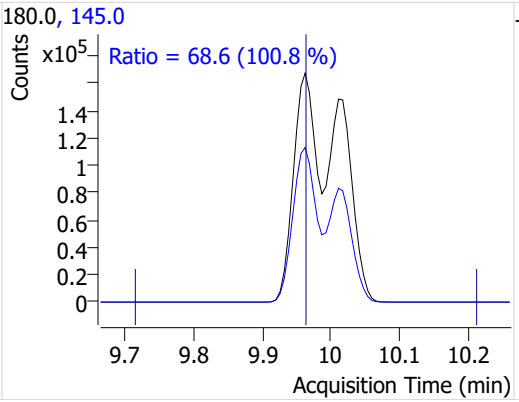


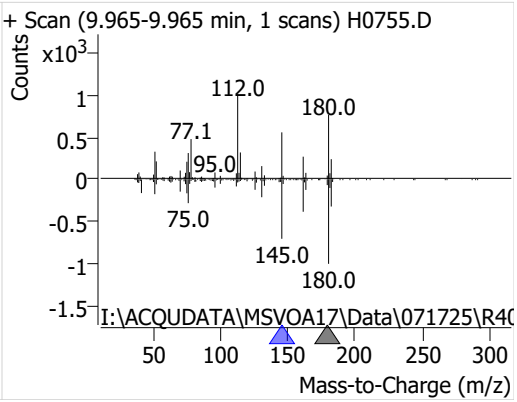




3-Chlorobenzotrifluoride

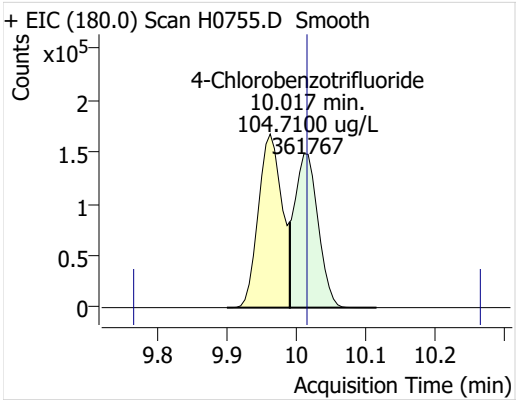


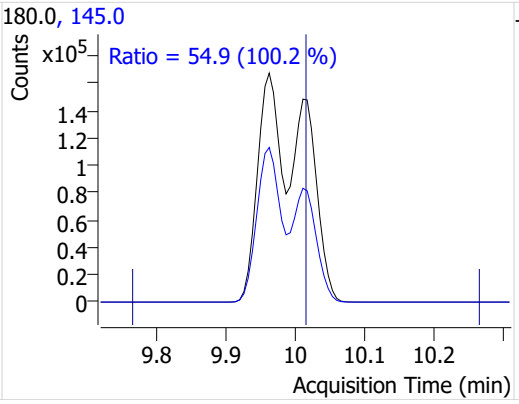


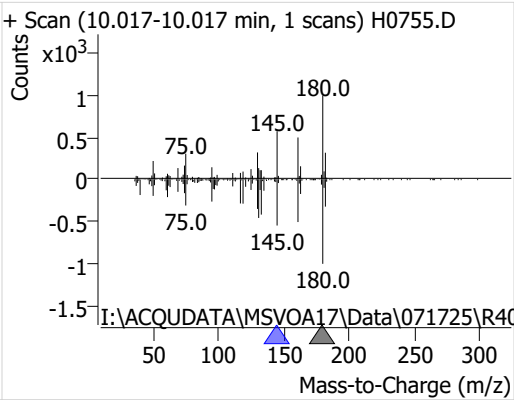


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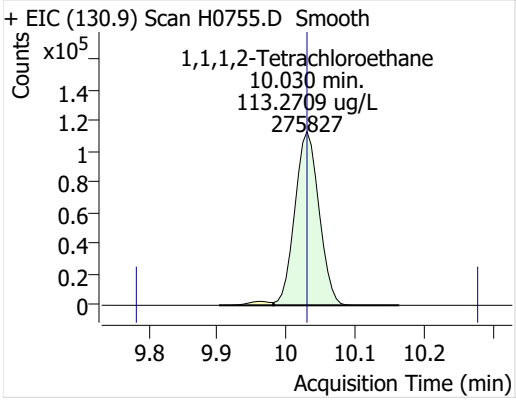
4-Chlorobenzotrifluoride

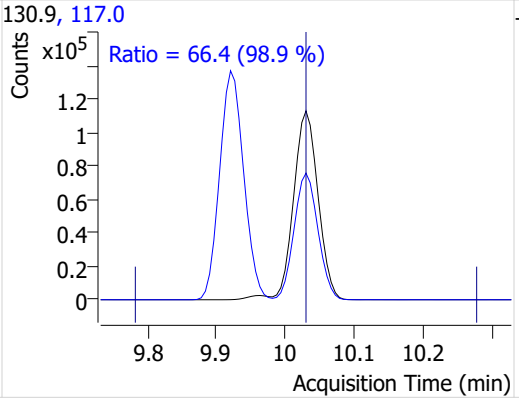


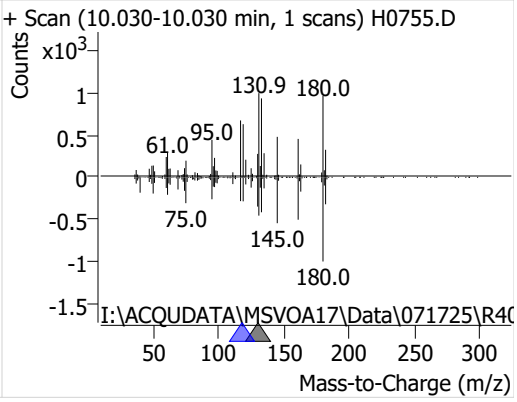




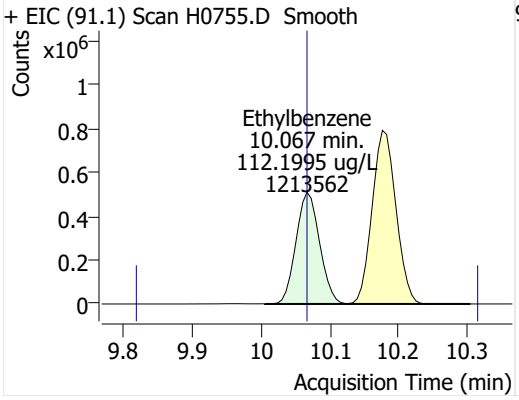
1,1,1,2-Tetrachloroethane

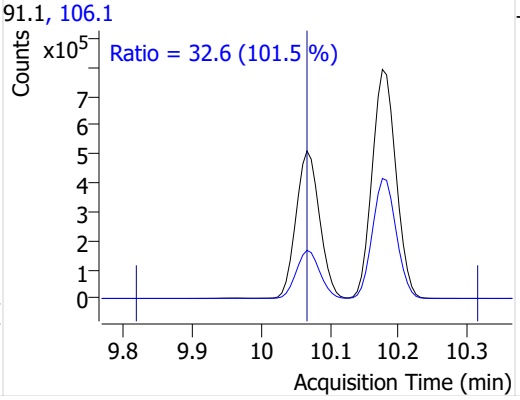


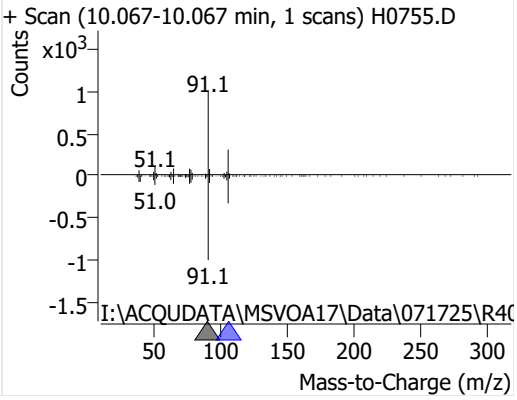




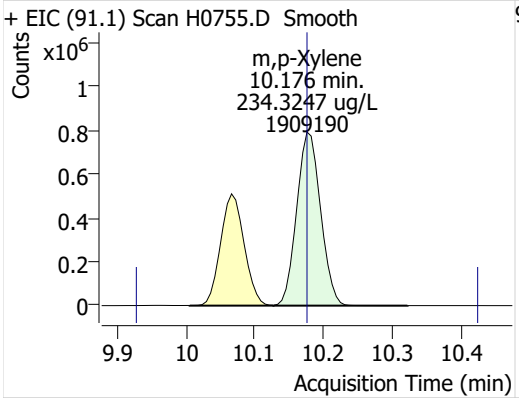
Ethylbenzene

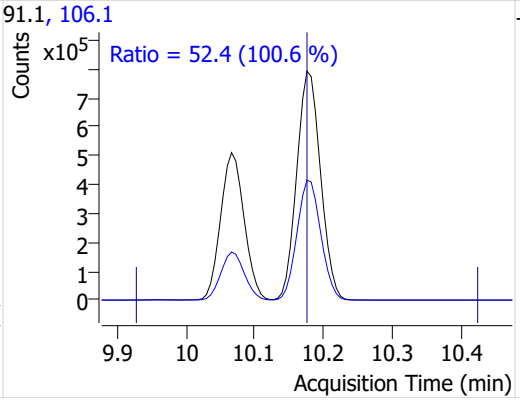


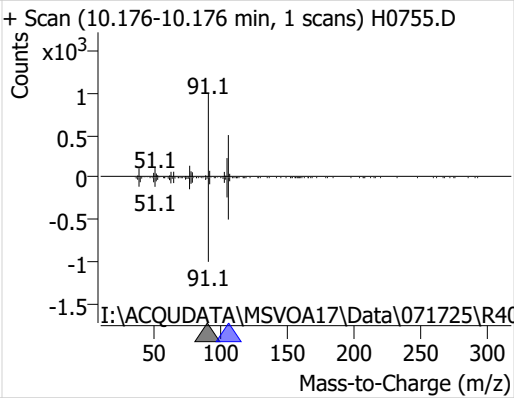




m,p-Xylene

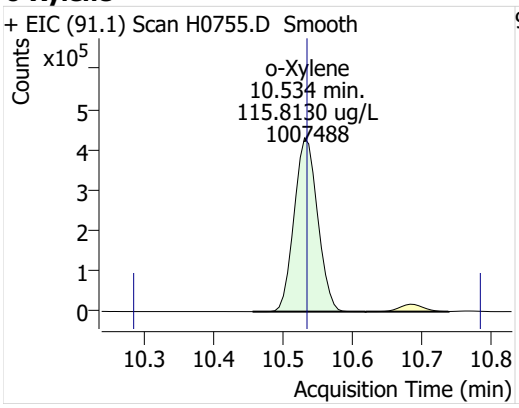


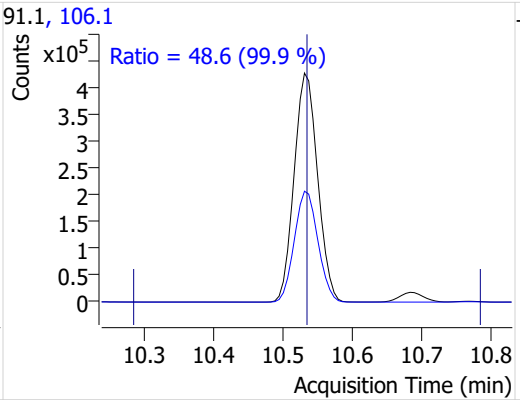


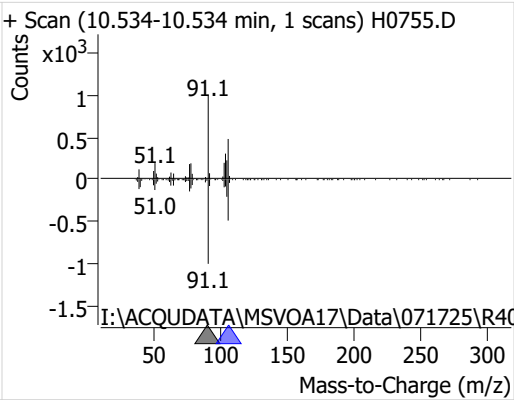


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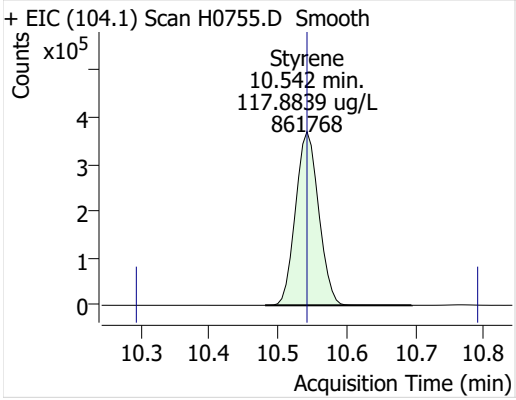
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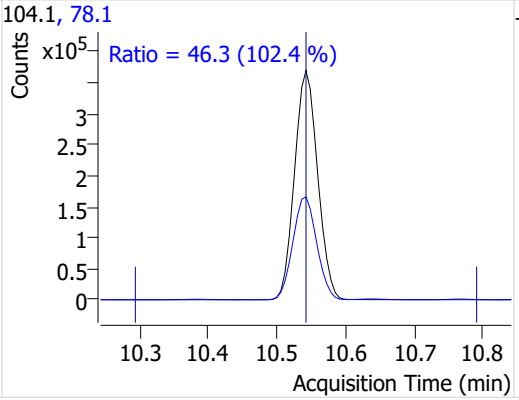


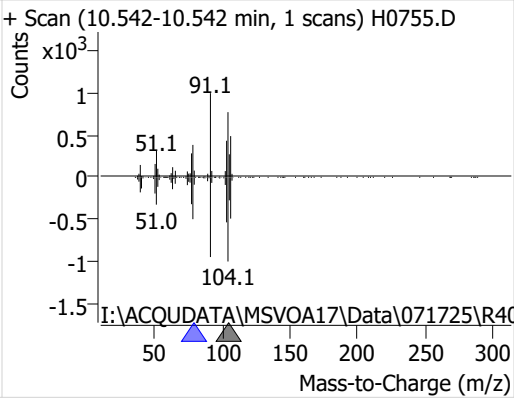




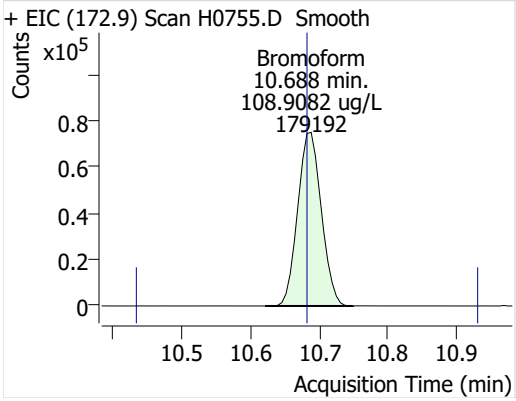
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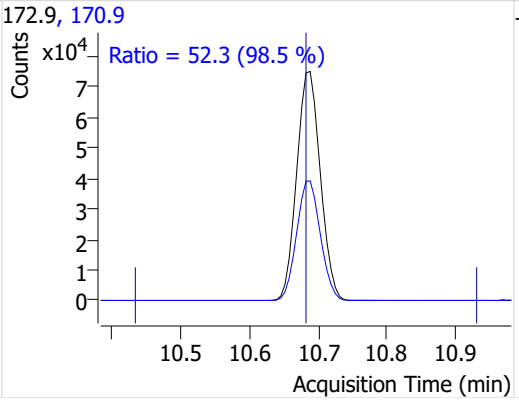


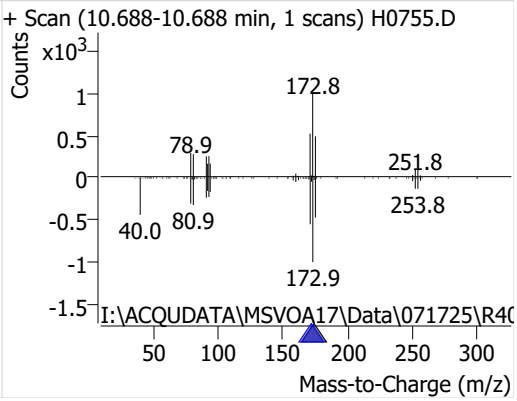




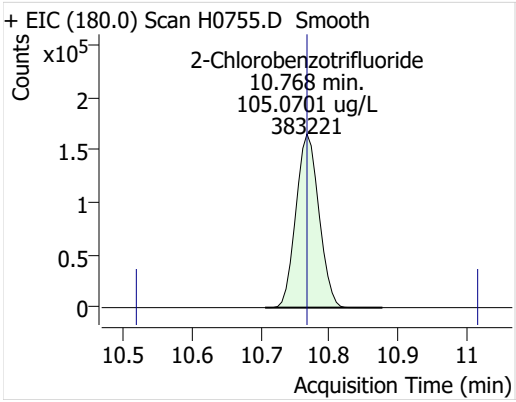
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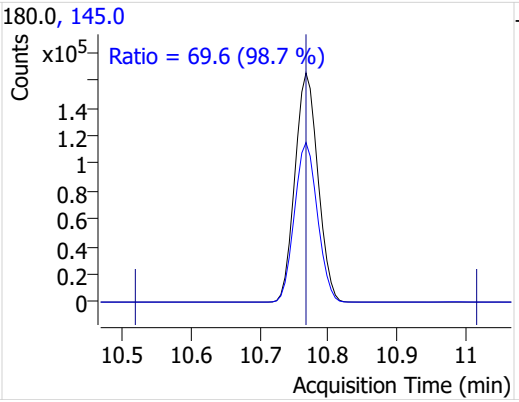


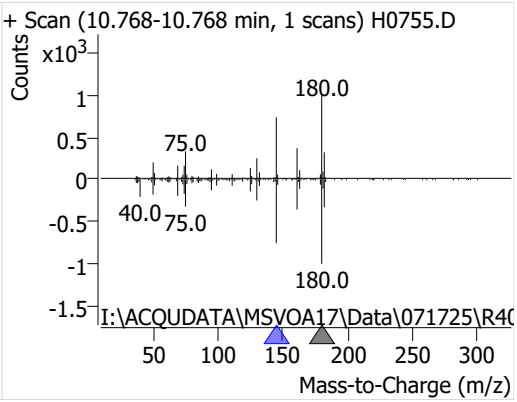




2-Chlorobenzotrifluoride

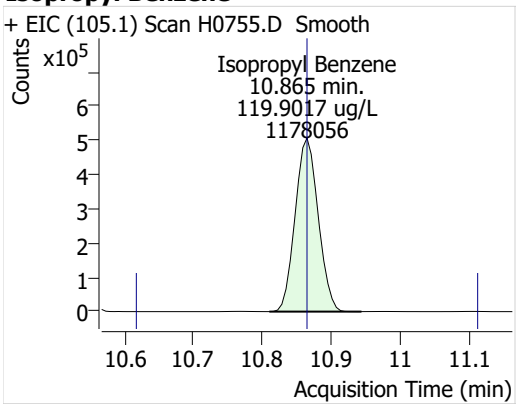


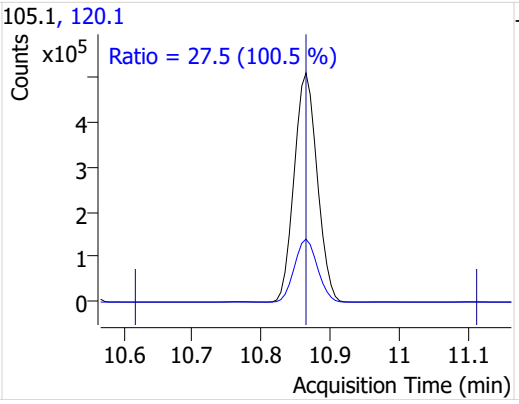


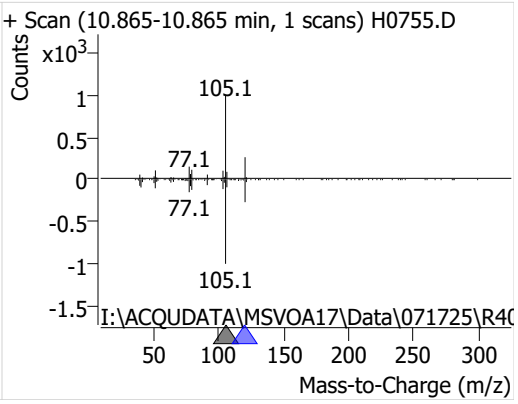


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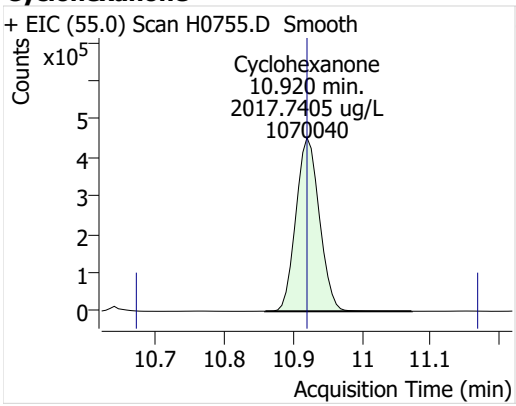
Isopropyl Benzene

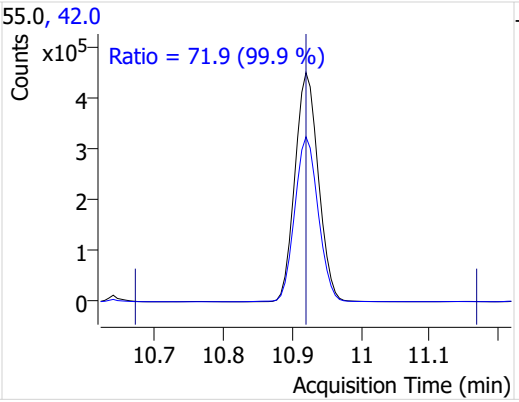


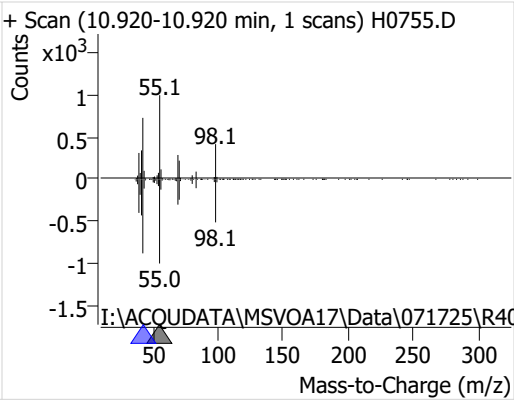




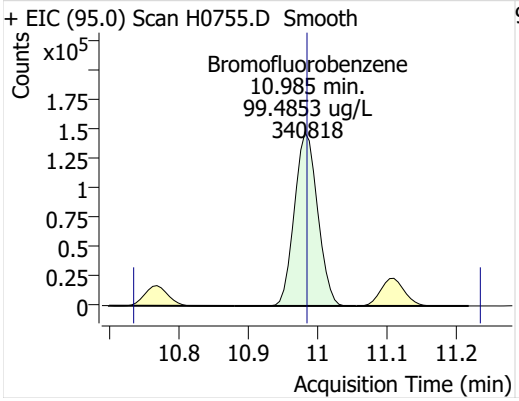
Cyclohexanone

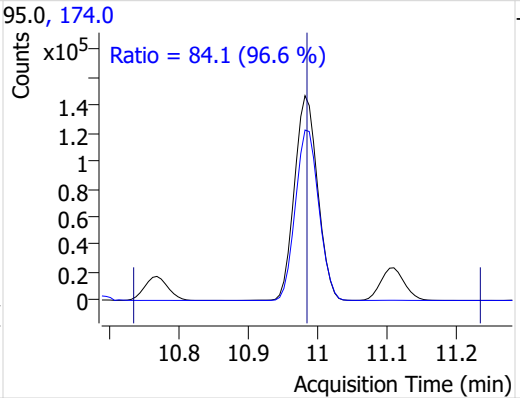


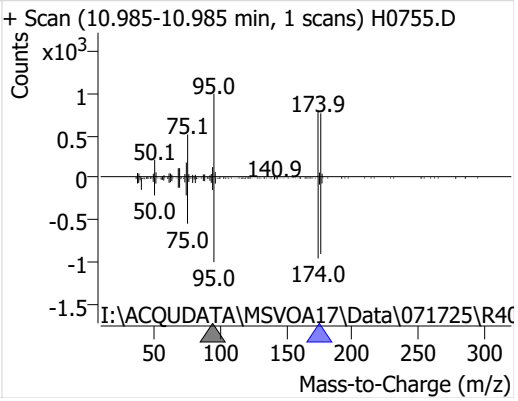




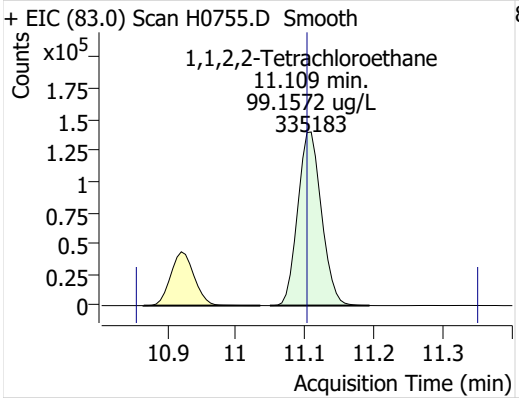
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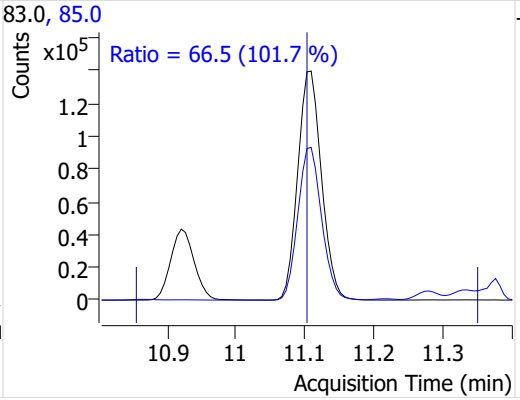


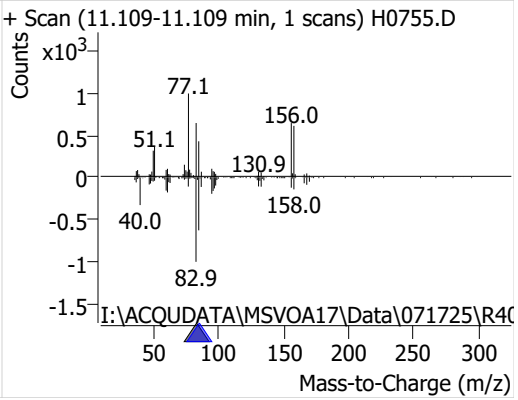




1,1,2,2-Tetrachloroethane

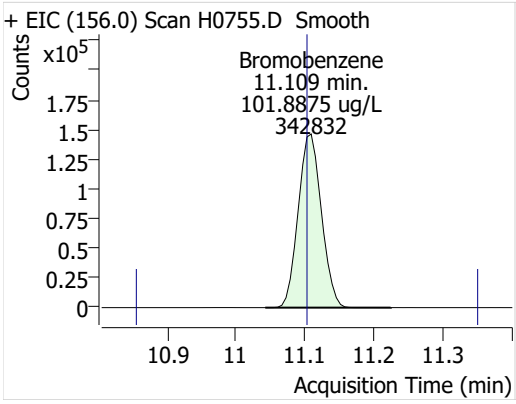


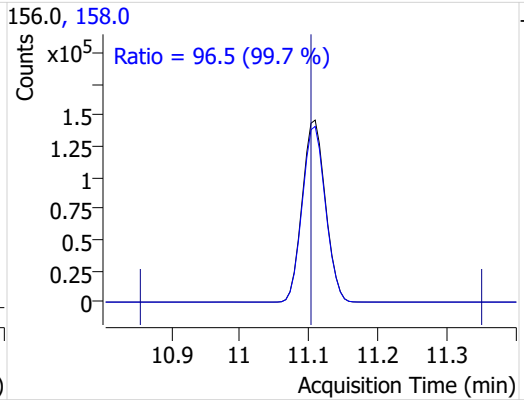


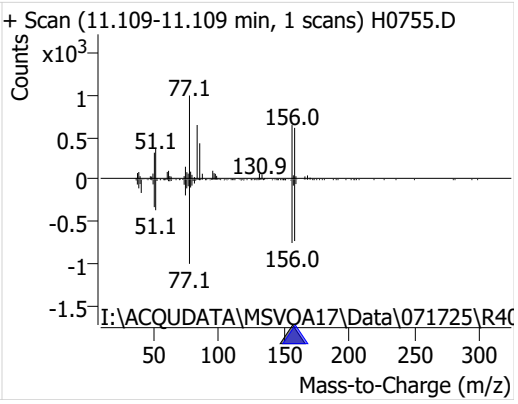


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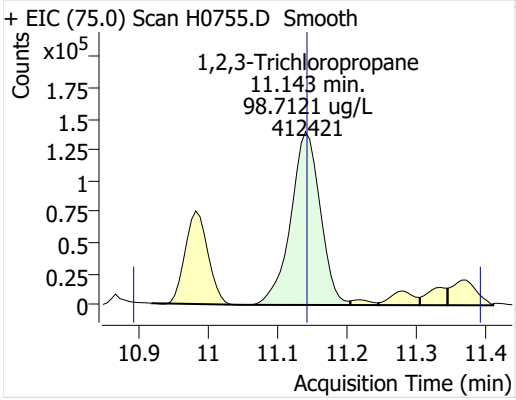
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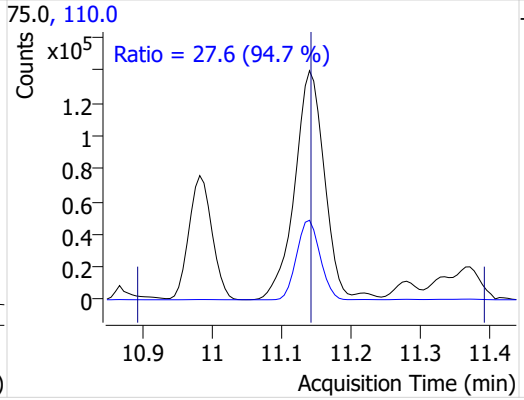


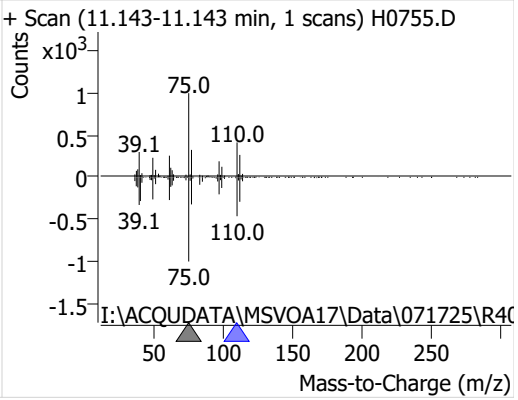




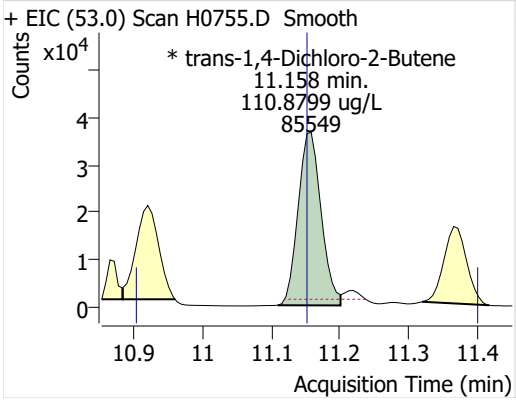
1,2,3-Trichloropropane

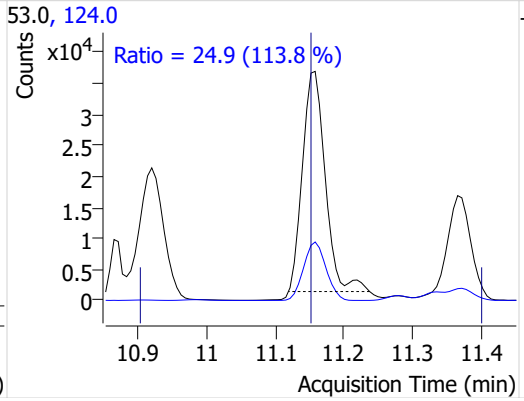


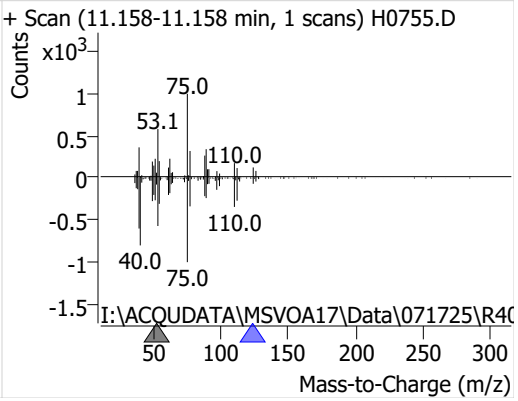




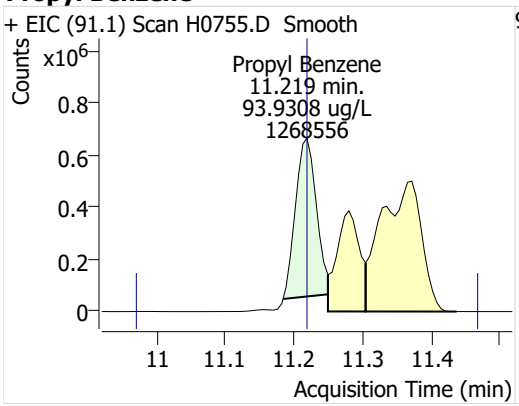
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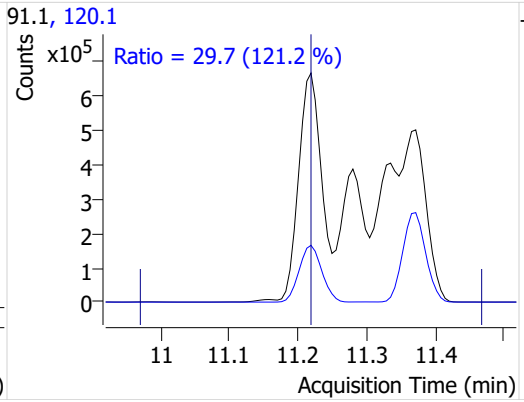


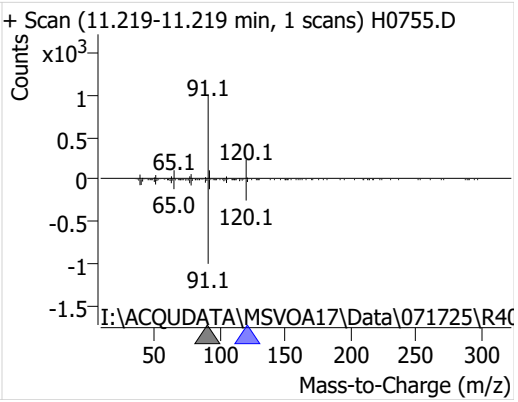




Propyl Benzene

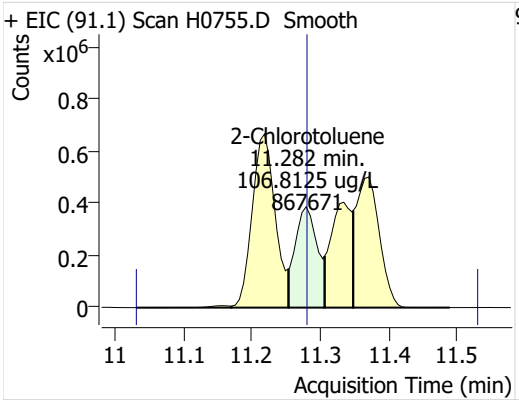


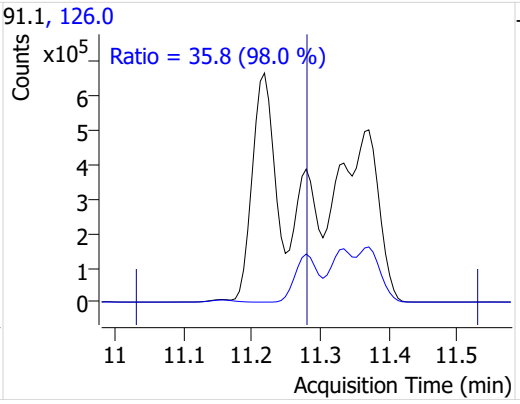


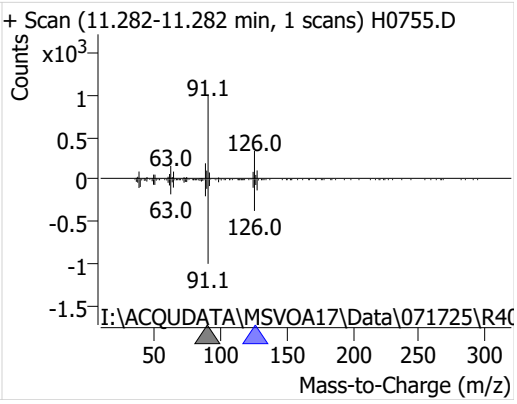


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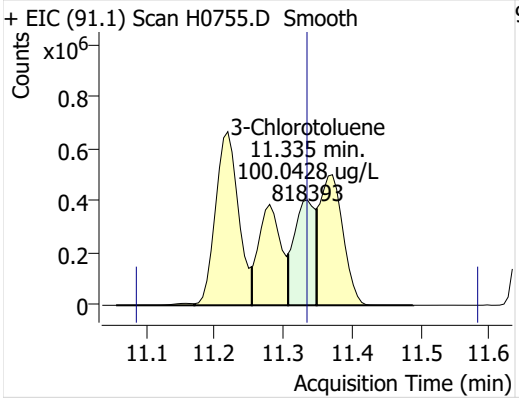
2-Chlorotoluene

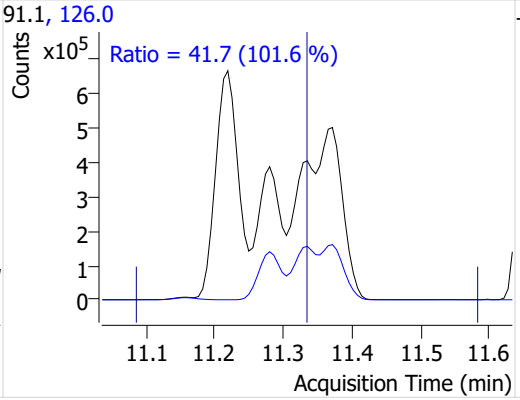


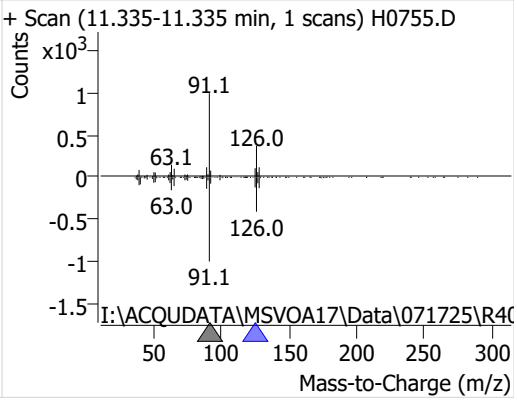




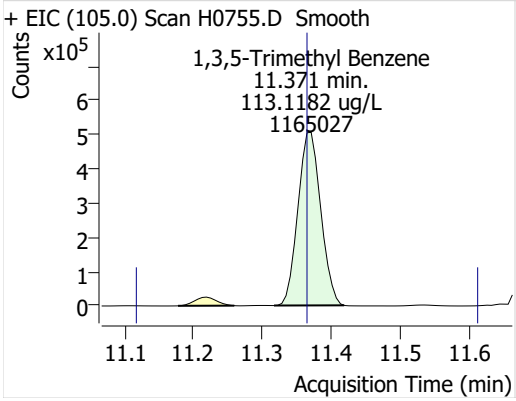
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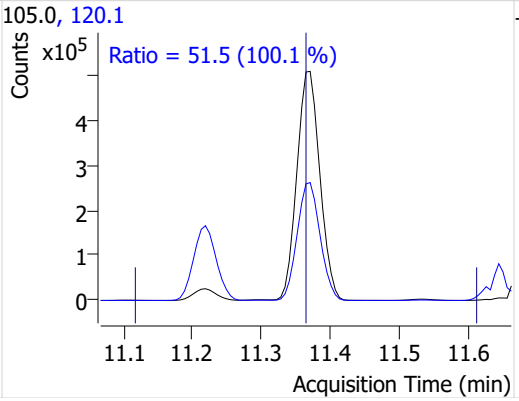


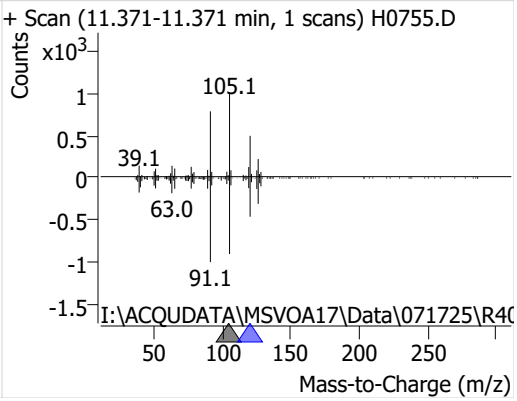




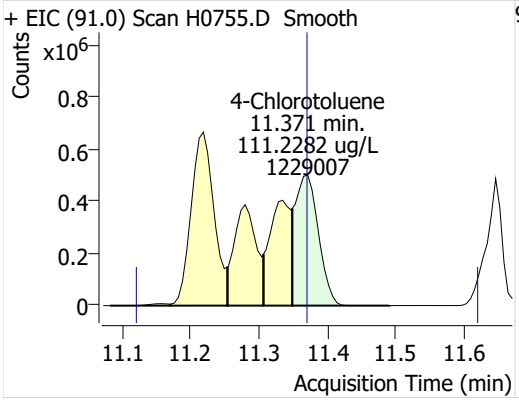
1,3,5-Trimethyl Benzene

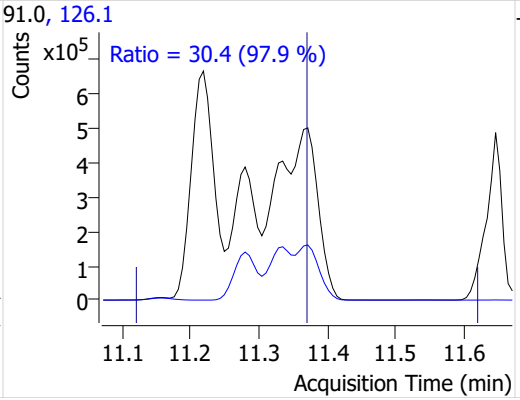


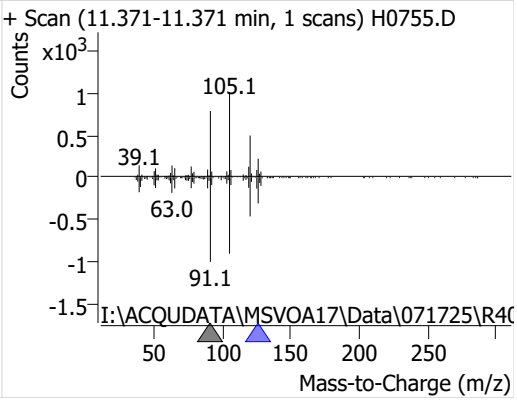




4-Chlorotoluene

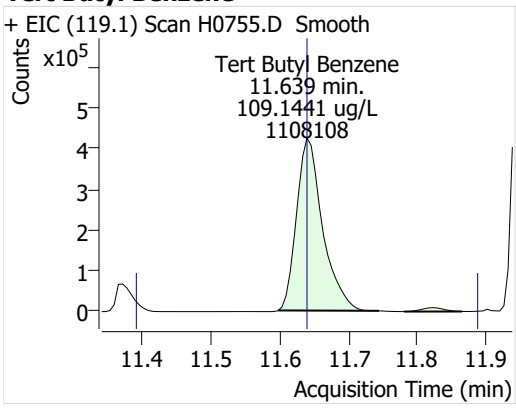


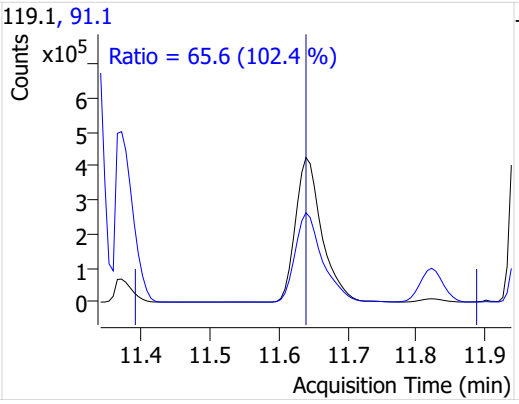


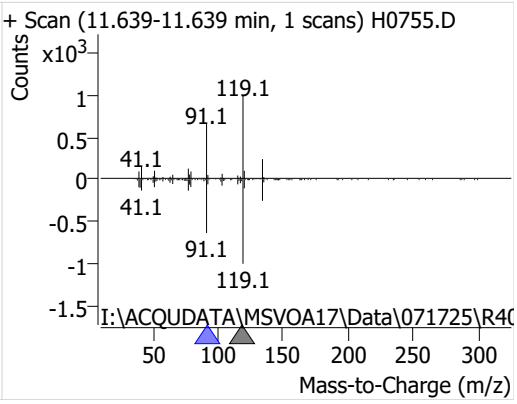


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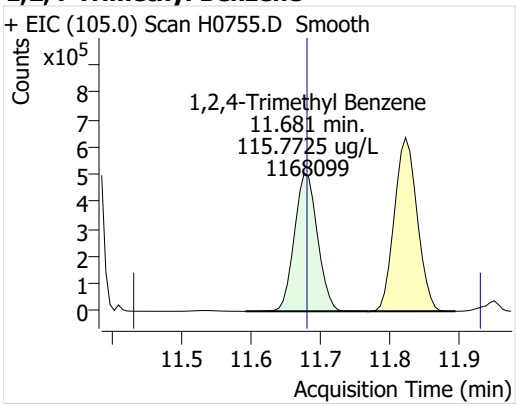
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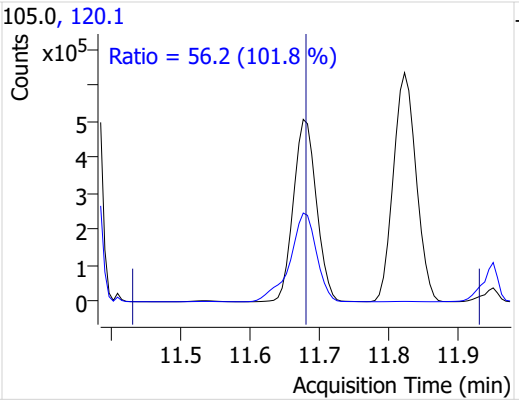


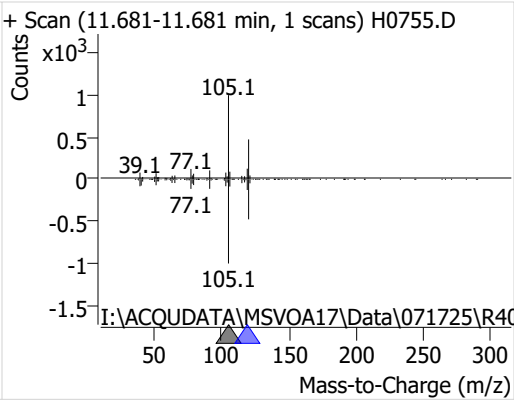




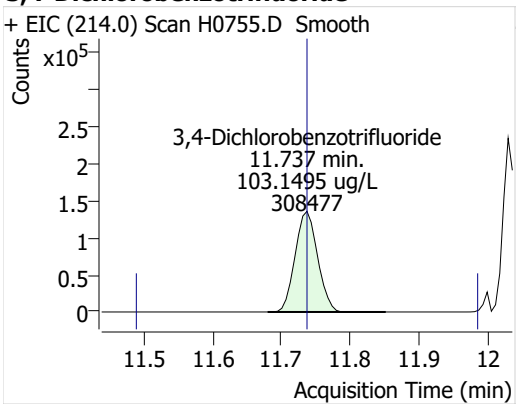
1,2,4-Trimethyl Benzene

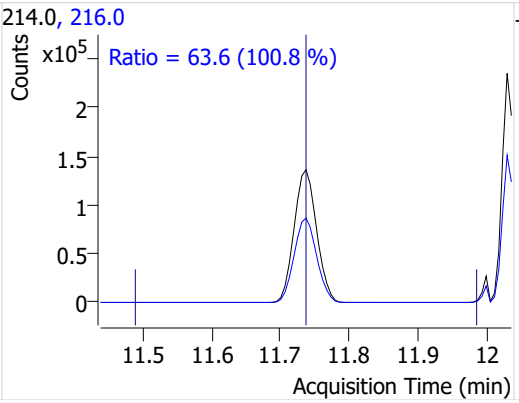


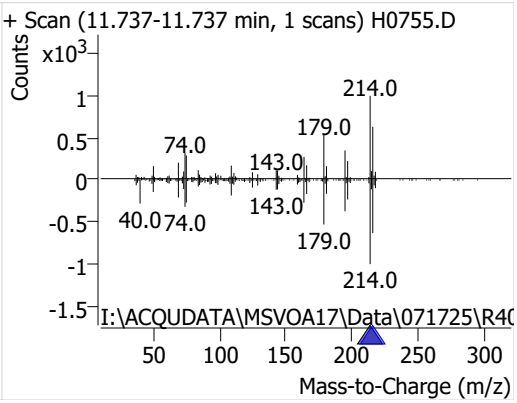




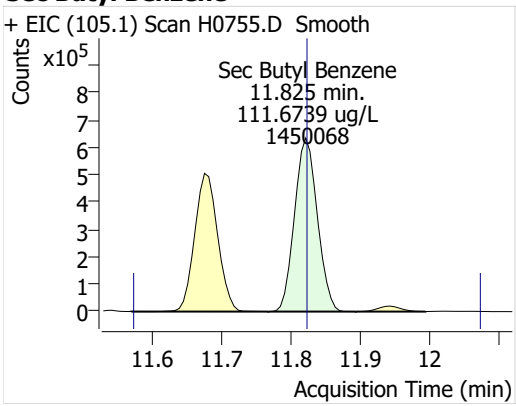
3,4-Dichlorobenzotrifluoride

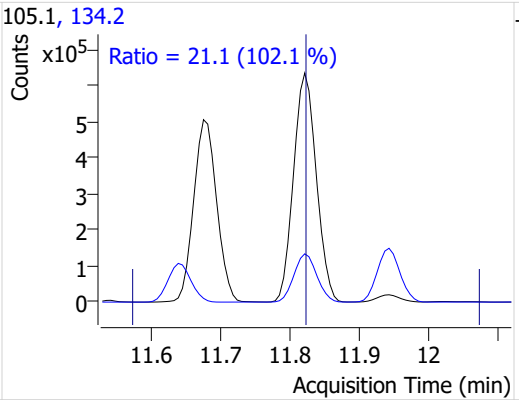


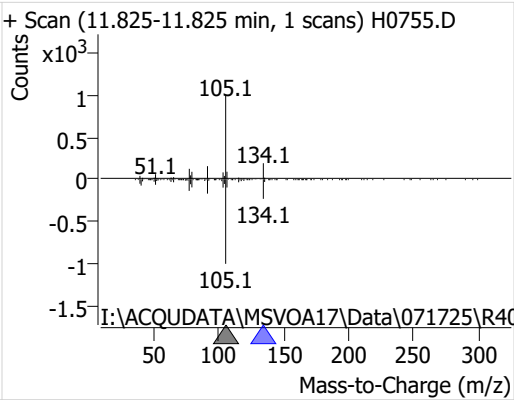




Sec Butyl Benzene

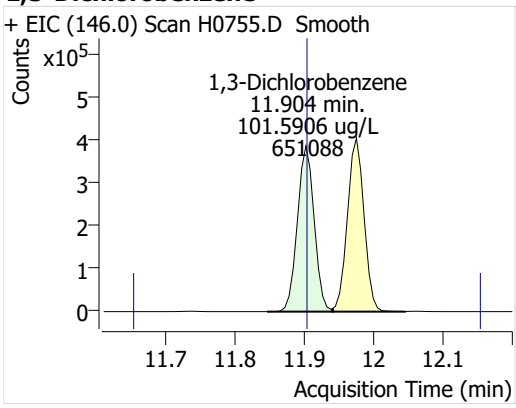


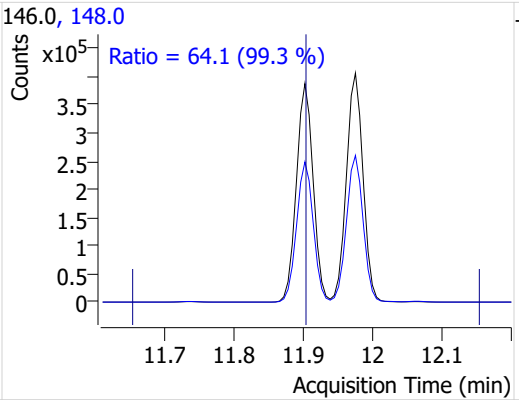


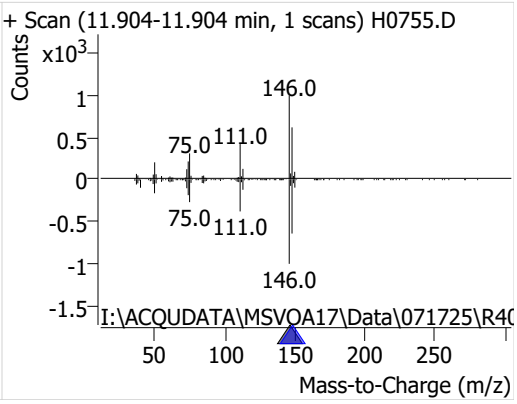


Masshunter Quantitative Analysis Sample Report

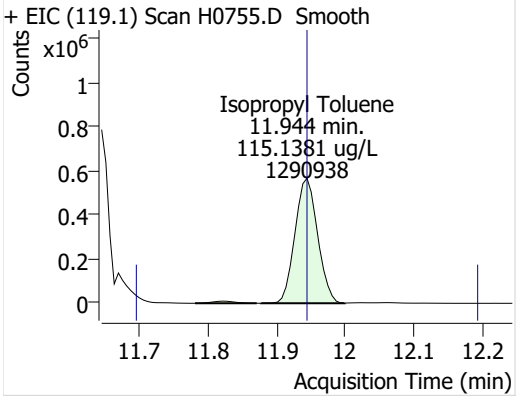
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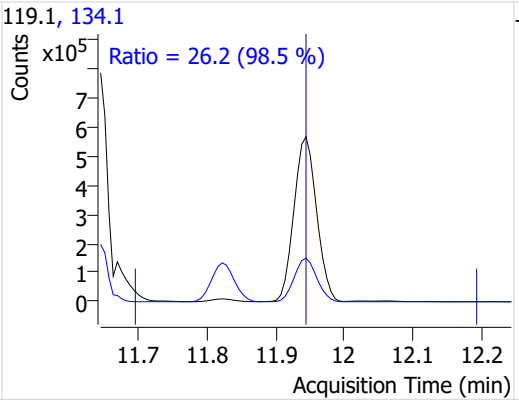


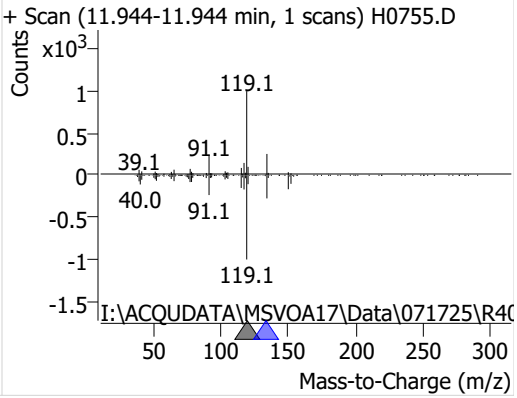




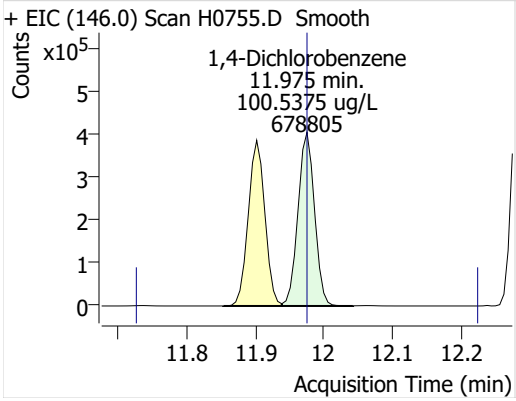
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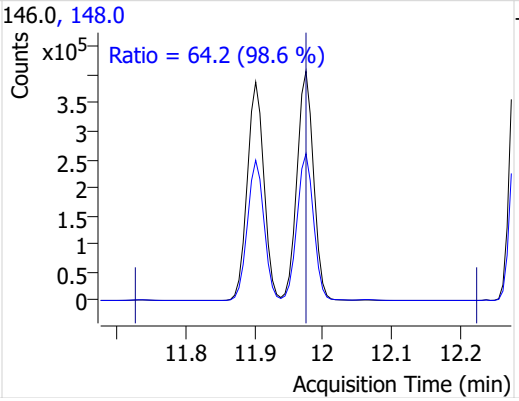


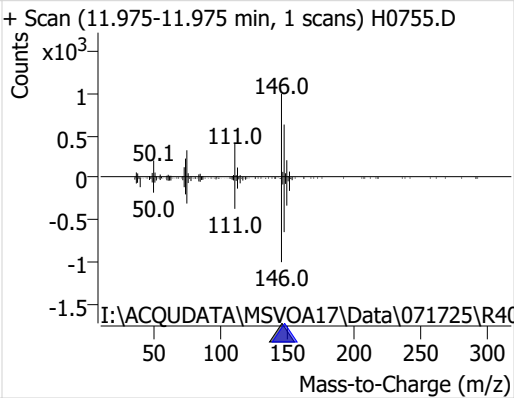




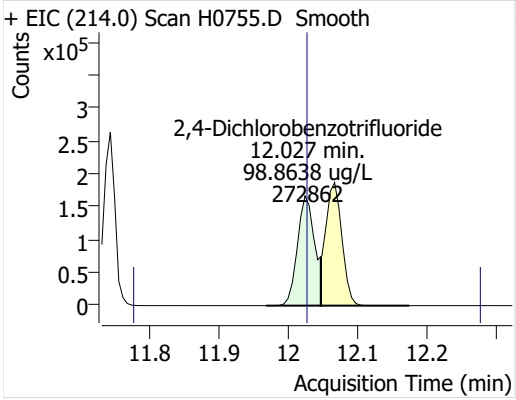
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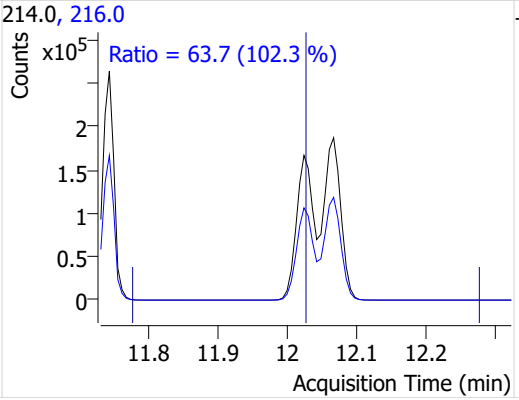


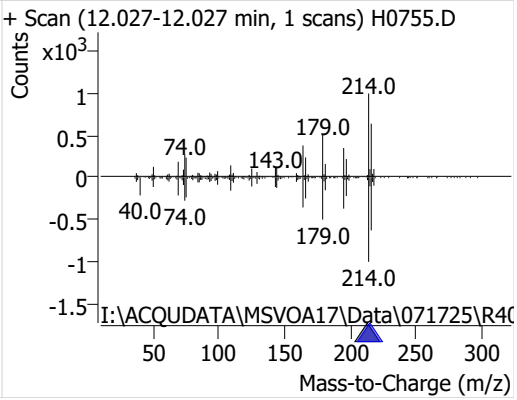




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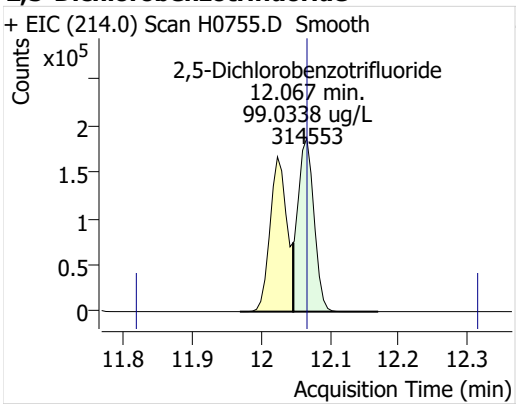


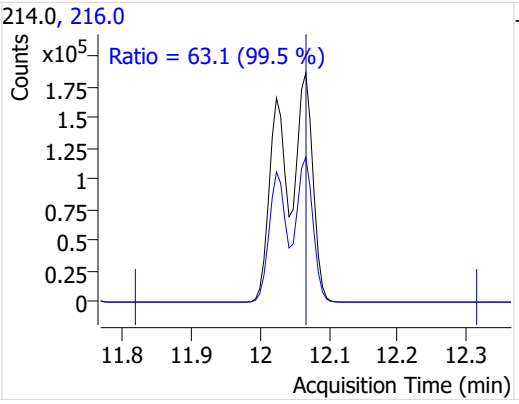


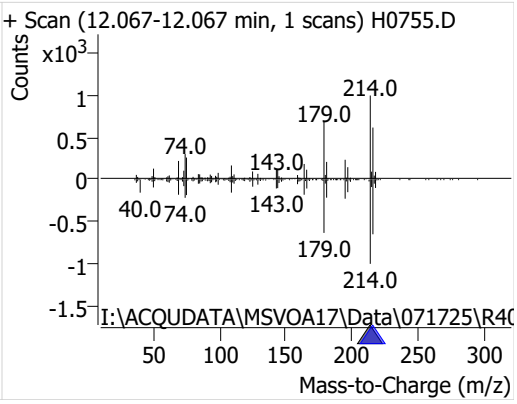


Masshunter Quantitative Analysis Sample Report

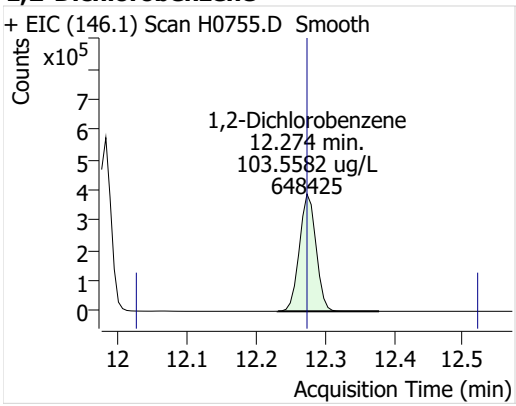
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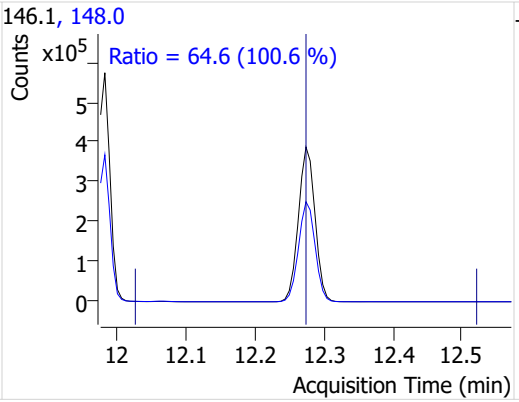


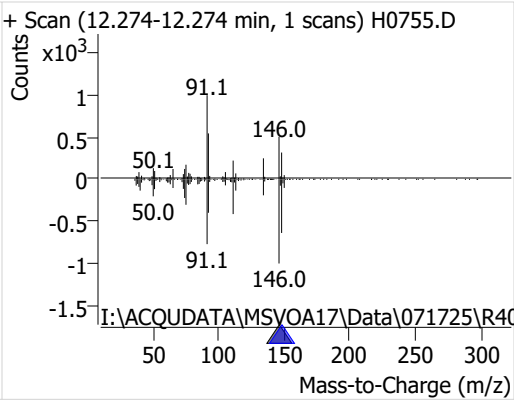




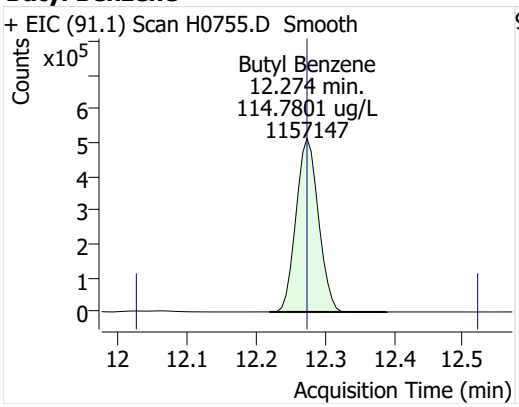
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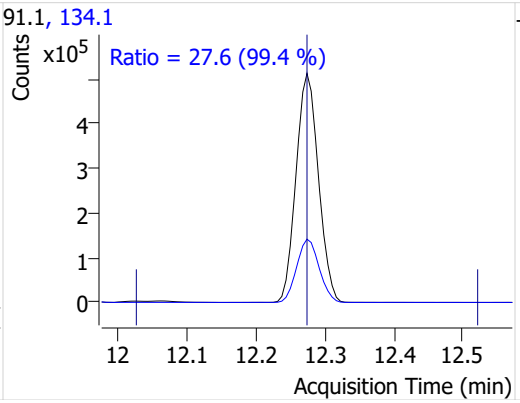


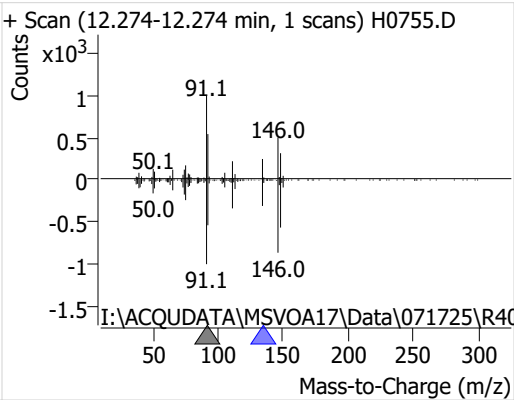




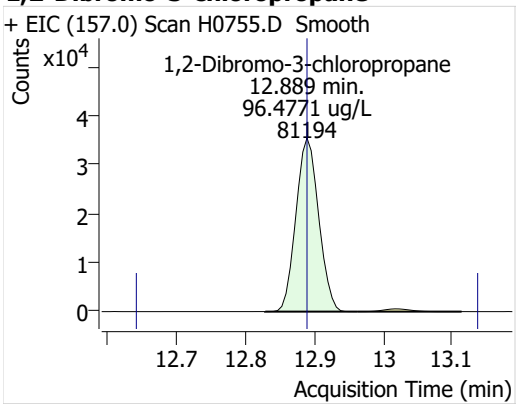
Butyl Benzene

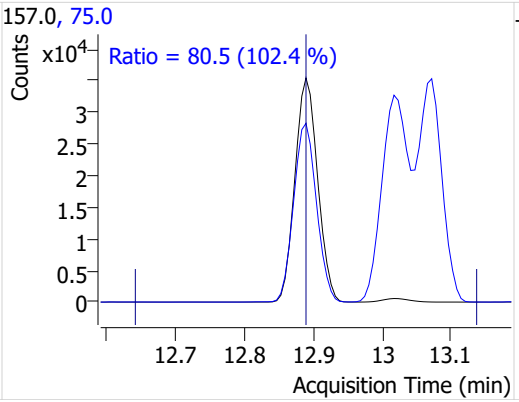


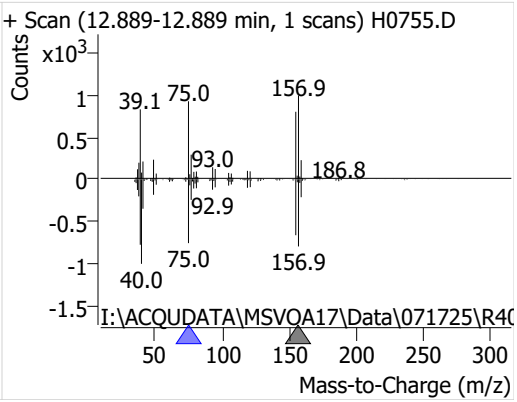




1,2-Dibromo-3-chloropropane

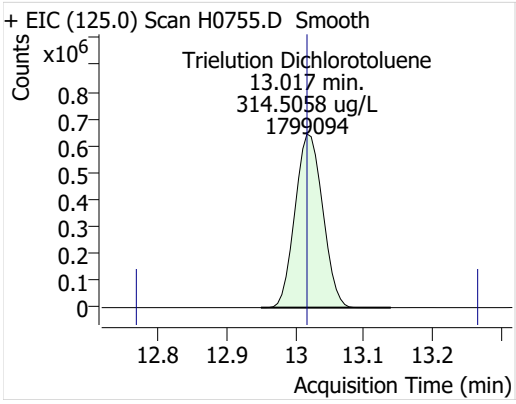


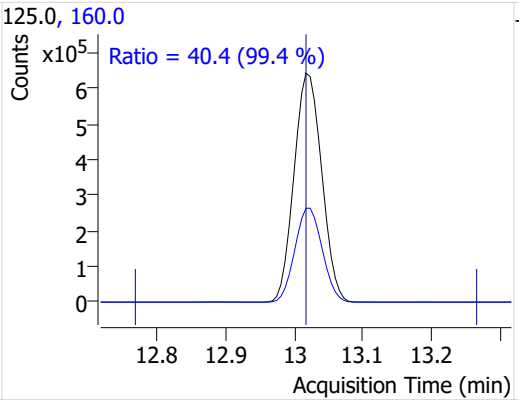


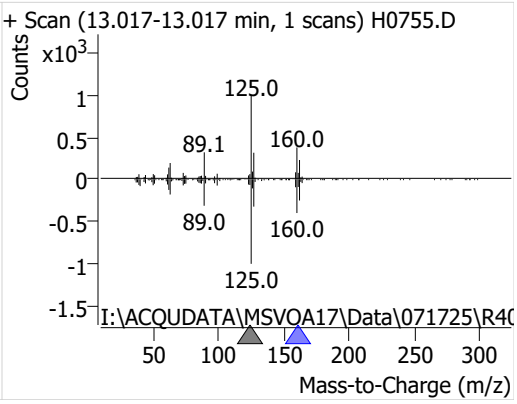


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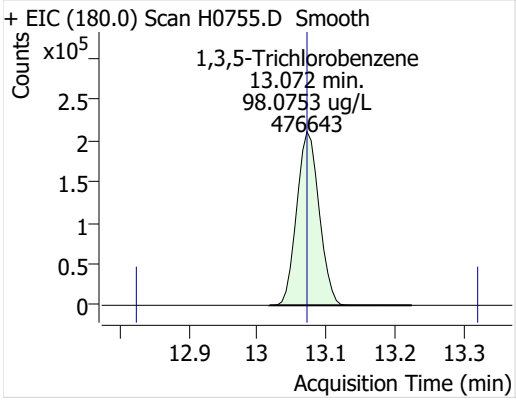
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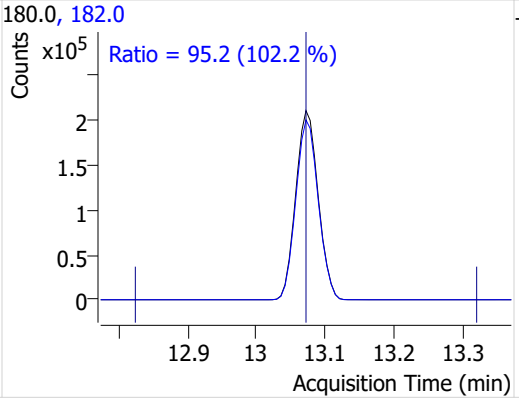


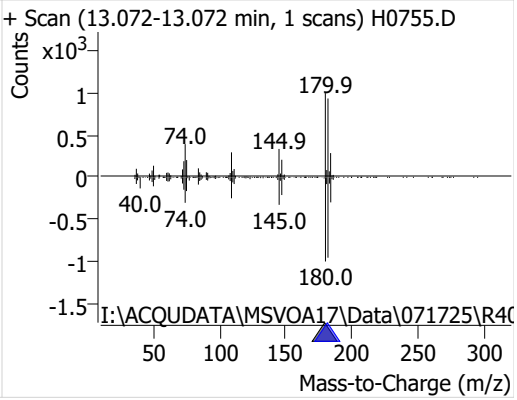




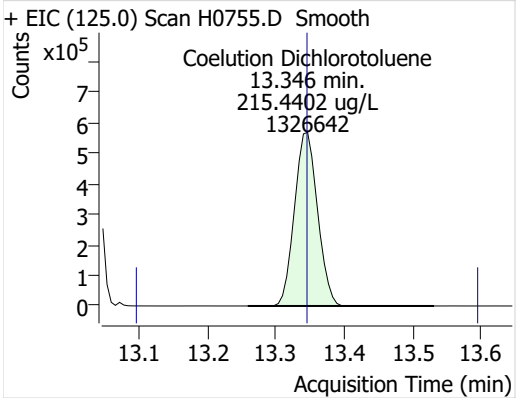
1,3,5-Trichlorobenzene

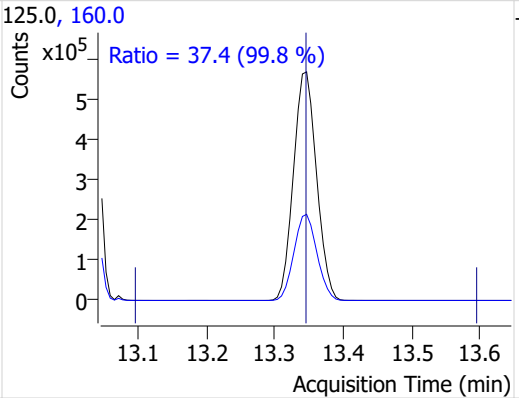


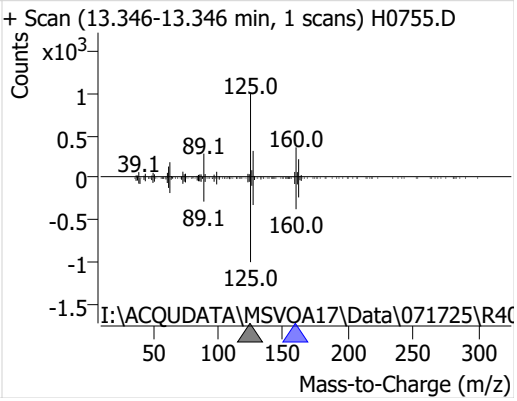




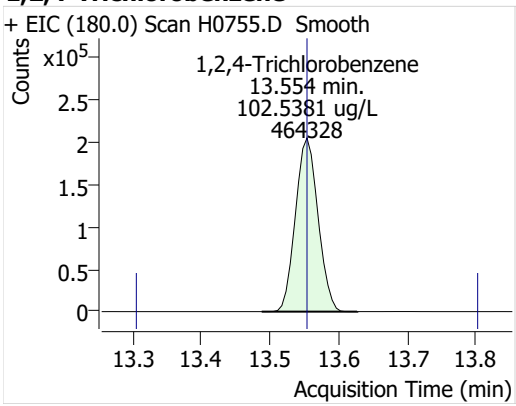
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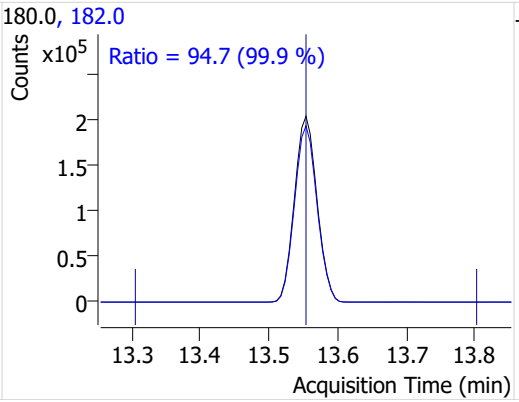


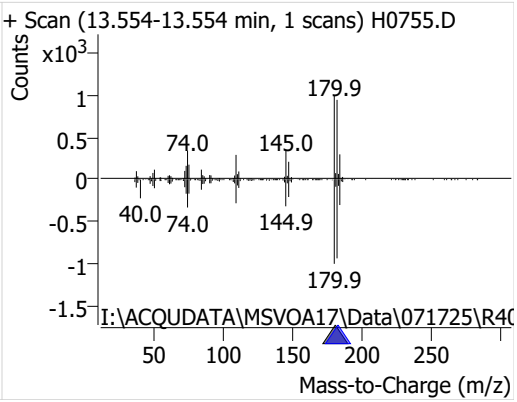




1,2,4-Trichlorobenzene

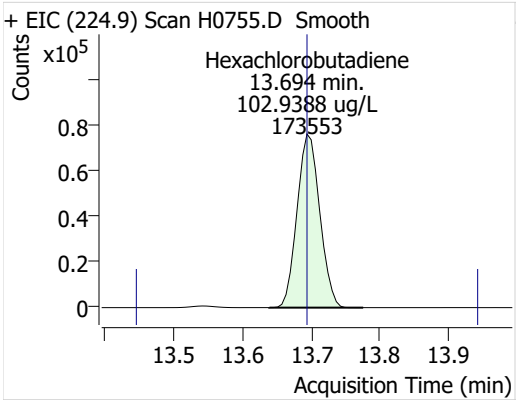


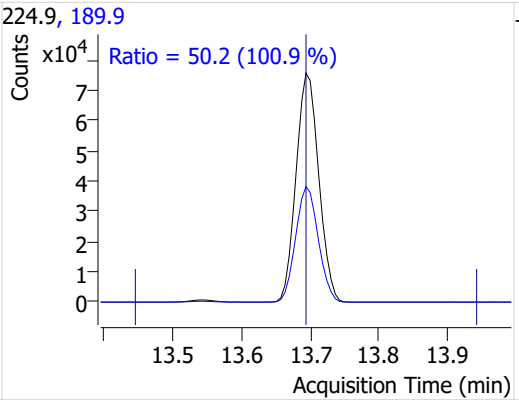


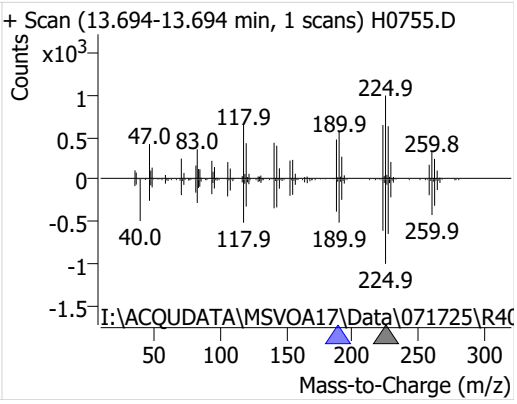


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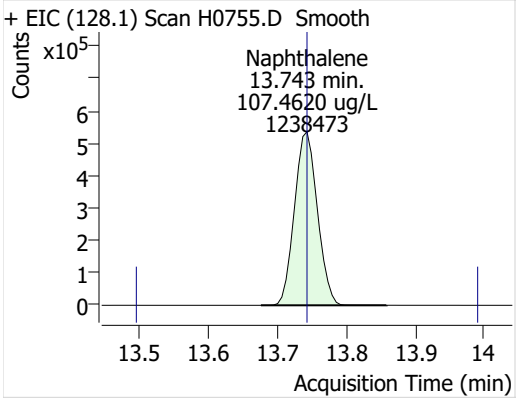
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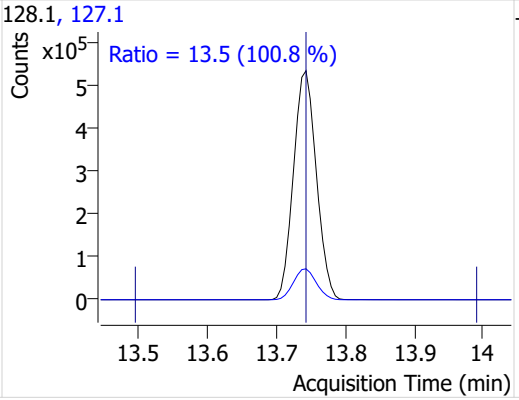


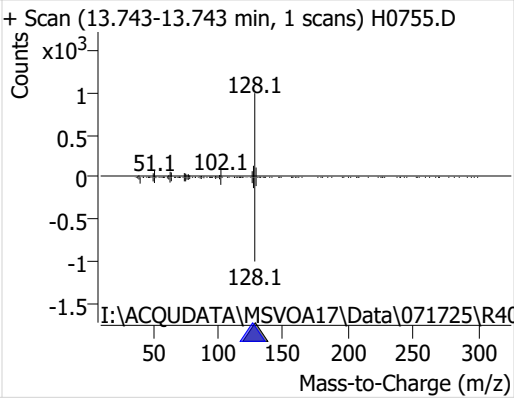




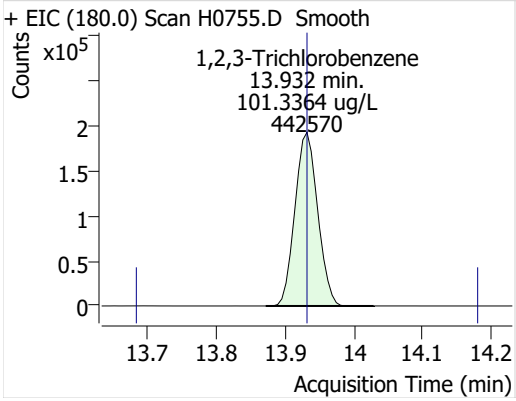
Naphthalene

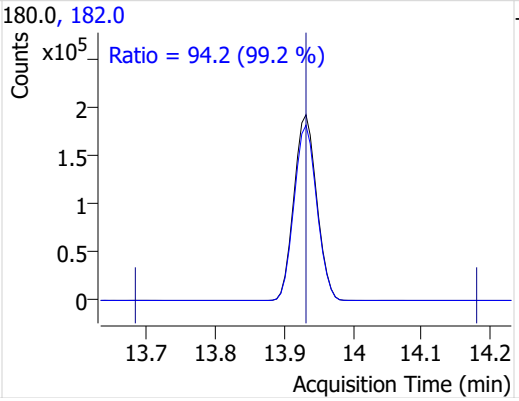


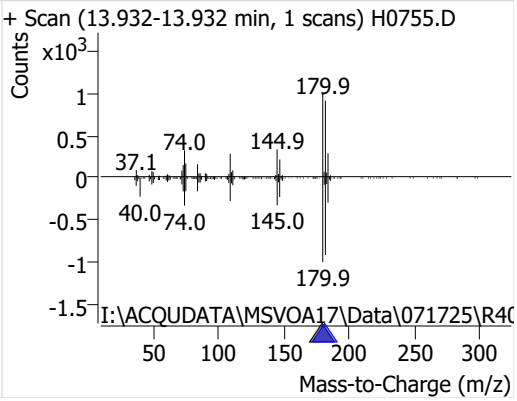




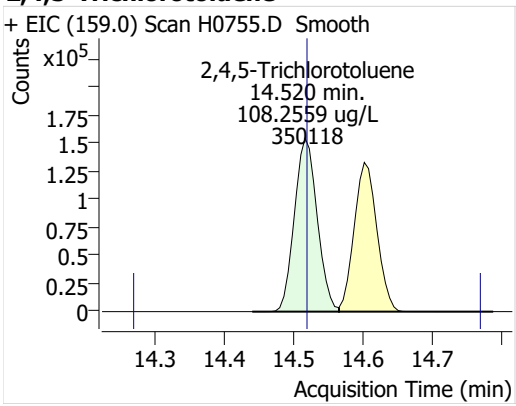
1,2,3-Trichlorobenzene

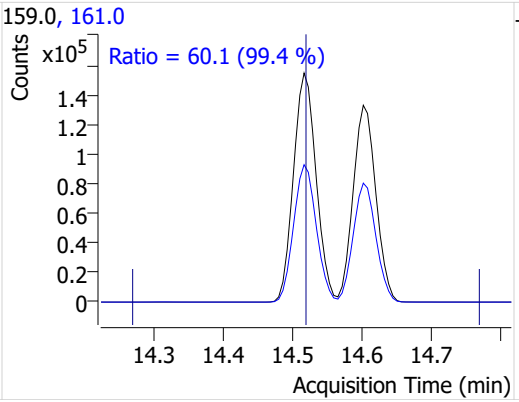


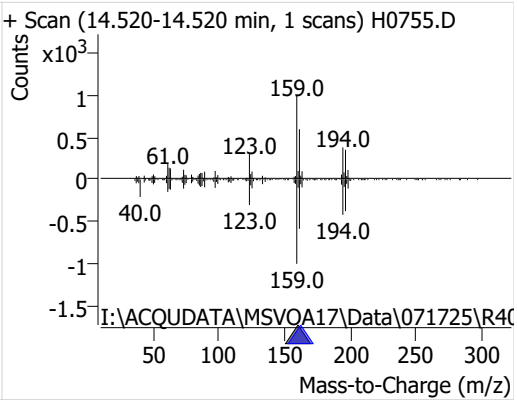




2,4,5-Trichlorotoluene

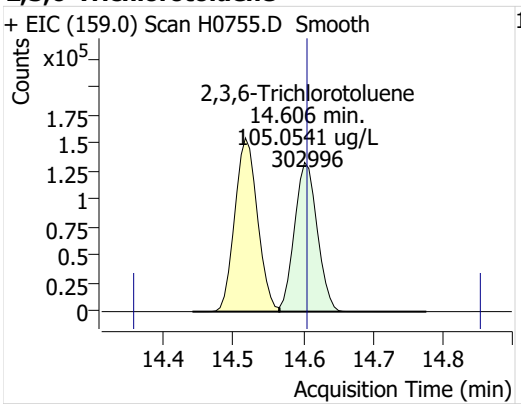


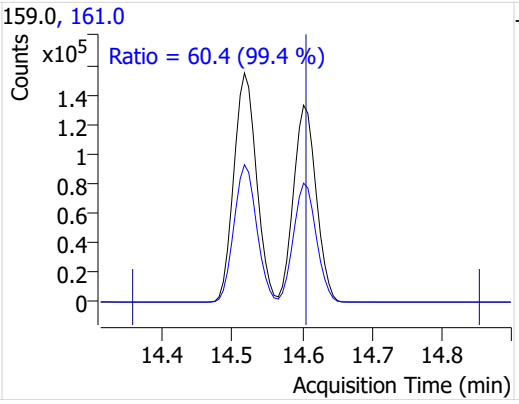


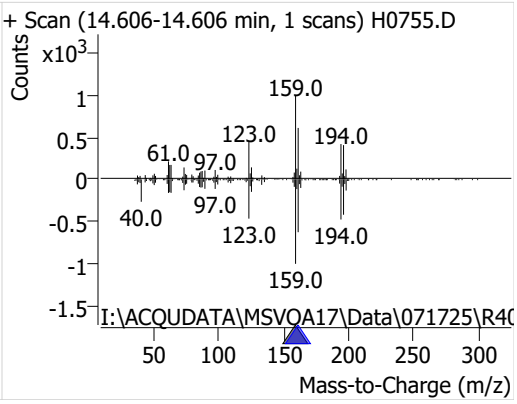


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





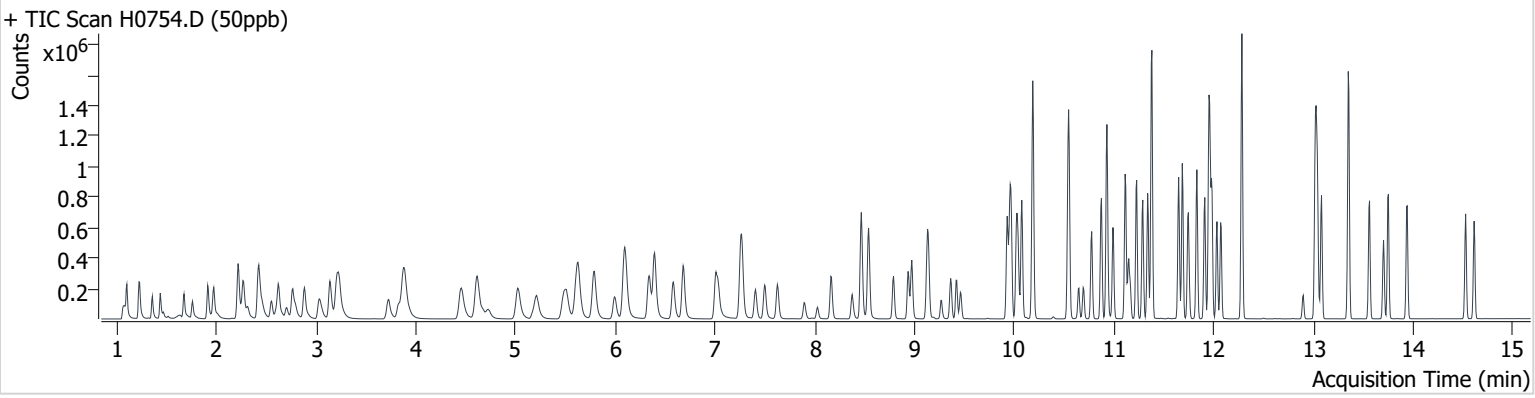


Masshunter Quantitative Analysis Sample Report

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Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	217698	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	354457	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	309932	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	183815	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	120813	52.8692	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	458826	51.9488	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	147274	49.7936	ug/L
1,1,2-dichloroethane-d4	65.0	0.898	0.000	5.988	0.000	138194	52.3951	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	122424	45.8766	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	120481	45.4565	ug/L
Chloromethane	50.100	0.240	0.000	1.352	0.000	111752	46.0204	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	128790	45.2978	ug/L
Bromomethane	94.000	0.297	0.000	1.670	0.000	87811	40.5496	ug/L
Chloroethane	64.000	0.312	0.000	1.755	0.000	85445	41.0163	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.000	192193	44.8265	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	173600	44.7158	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.001	102136	44.1425	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.000	96257	48.3126	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.001	152413	43.8086	ug/L
Acrolein	56.000	0.411	0.000	2.311	0.000	35416	252.4844	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	159696	45.3262	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.001	102867	42.4488	ug/L
Acetone	43.000	0.437	0.000	2.456	0.001	45573	46.8061	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.000	140602	47.8860	ug/L
2-Propanol	45.000	0.464	0.000	2.606	0.000	124169	870.4839	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	267854	45.3836	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	209329 LT	264.1426	ug/L
Methyl Acetate	43.000	0.496	0.000	2.787	0.000	83545	43.2574	ug/L

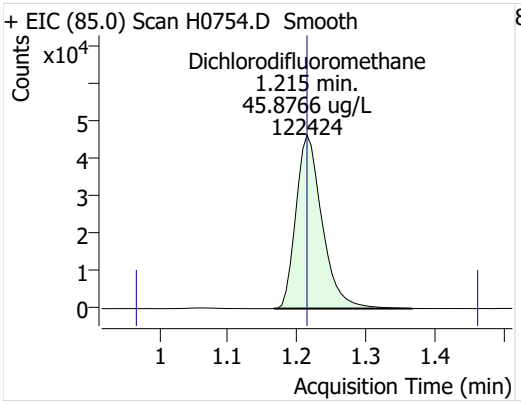
Masshunter Quantitative Analysis Sample Report

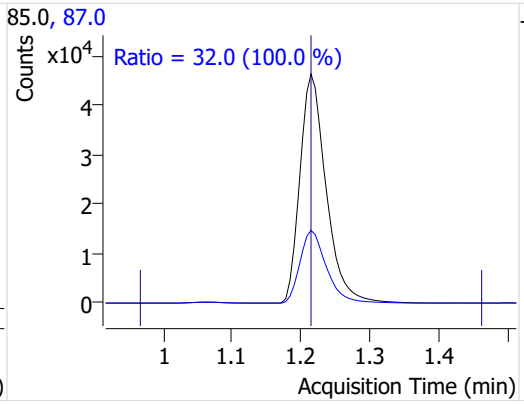
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	110529	46.7244	ug/L
TBA	59.000	0.538	0.000	3.025	0.000	213771	970.9275	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	246683	246.3240	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	142830	45.8054	ug/L
MTBE	73.000	0.573	0.000	3.220	0.000	325752	49.9965	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	182762	45.7473	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.822	0.000	167850	49.7886	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	89675	47.7961	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	328459	48.1347	ug/L
ETBE	59.000	0.791	0.000	4.450	0.000	313732	49.1309	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	118921	47.7241	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	137178	45.9621	ug/L
2-Butanone	43.000	0.831	0.000	4.673	0.000	56780	46.3419	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	93289	242.3952	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	84061	48.0176	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.000	51177	51.0501	ug/L
Tetrahydrofuran	42.000	0.920	0.000	5.171	0.001	35630	47.9396	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	186083	45.2854	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.500	0.000	154215	45.7424	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	157770	47.9723	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.000	139621	46.0667	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	126257	44.7788	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	397788	46.8913	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	162928	49.6619	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.100	0.000	82823	1005.8379	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	297657	50.2307	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	133309	45.8176	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	119721	45.9156	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	143593	2459.5615	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	139869	45.4772	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	112013	48.0160	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	78401	47.0871	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	32810	955.5853	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	80322	50.1966	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	148643	48.0535	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	74983	99.0412	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	36396	52.3048	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.158	0.000	151228	49.1533	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.369	0.000	103932	46.0940	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	434629	46.8161	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	132446	48.9971	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	143965	51.0458	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	106044	49.5639	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	104847	44.8052	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	173419	48.3969	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	40019	45.7033	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	122450	49.0432	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	159875	47.7928	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	101071	48.5877	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	302650	46.6179	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	148258	43.8489	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.000	141116	44.0039	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	110473	48.8757	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	473062	47.1197	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	741672	98.0701	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	385480	47.7392	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	333546	49.1558	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	74634	48.8692	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	148513	43.8683	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	440023	48.2493	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	412068	987.2851	ug/L

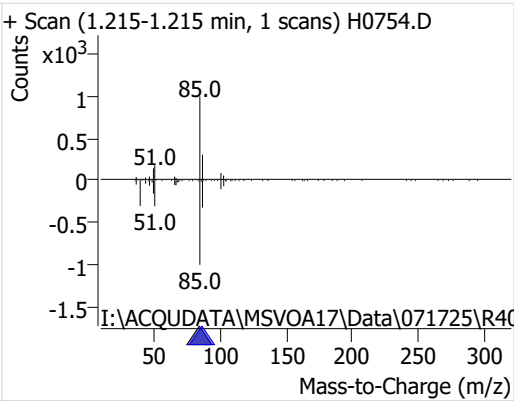
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	141061	48.3350	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.000	138190	47.5694	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	168766	46.7870	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	36349	50.7555	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	562745	48.2639	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.000	324784	46.3099	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	324603	45.9609	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	427697	48.1000	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	455592	47.7582	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	409107	46.6732	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	433692	49.7873	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	117907	45.6665	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	533605	47.5987	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	253183	45.7573	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	462844	47.8146	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	266211	45.6690	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	105668	44.3455	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	121111	44.1655	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	261316	48.3395	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	415152	47.6977	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	33805	46.5258	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	712001	144.1676	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	195031	46.4817	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	524310	98.6218	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	185084	47.3415	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	66399	45.6165	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	515372	51.7966	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	183088	48.5574	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	144533	51.7626	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	123220	49.4845	ug/L

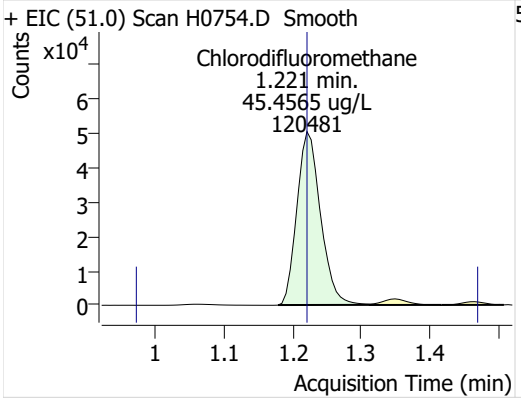
Dichlorodifluoromethane

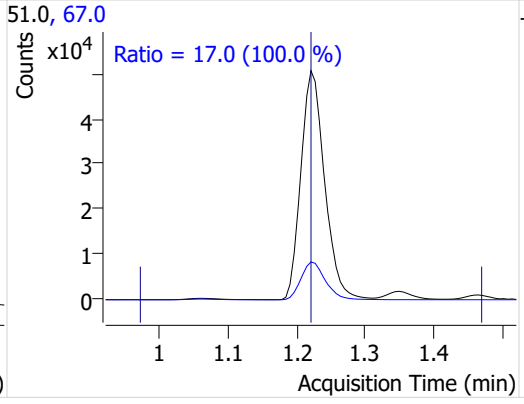


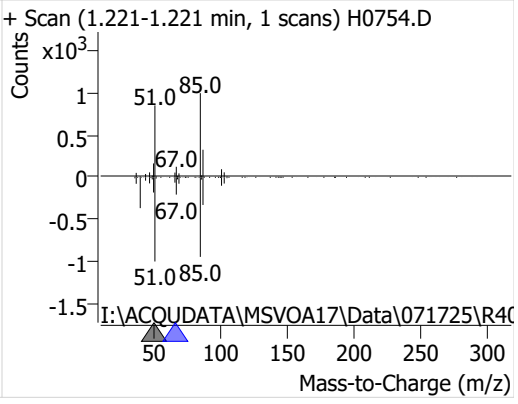




Chlorodifluoromethane

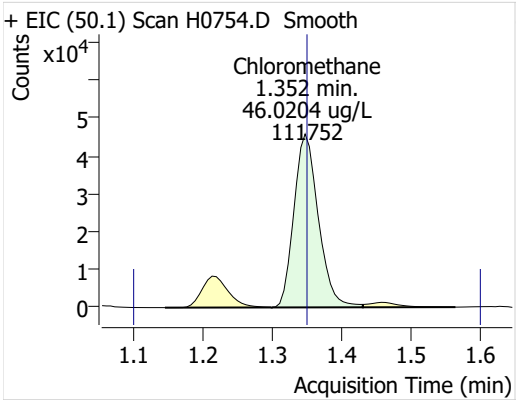


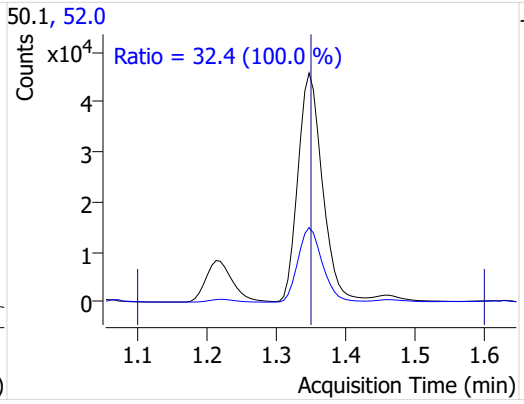


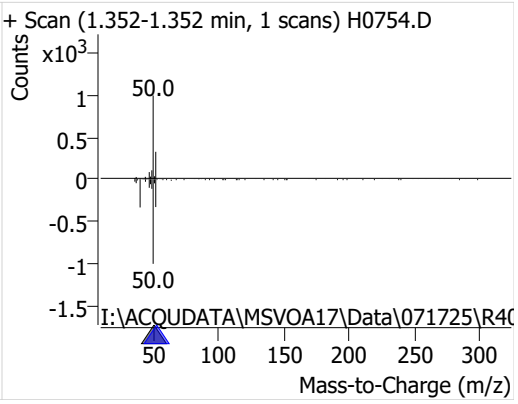


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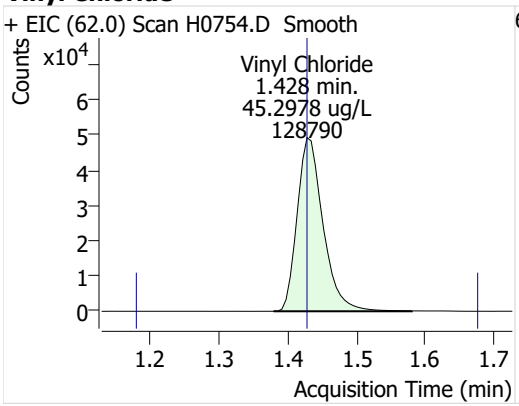
Chloromethane

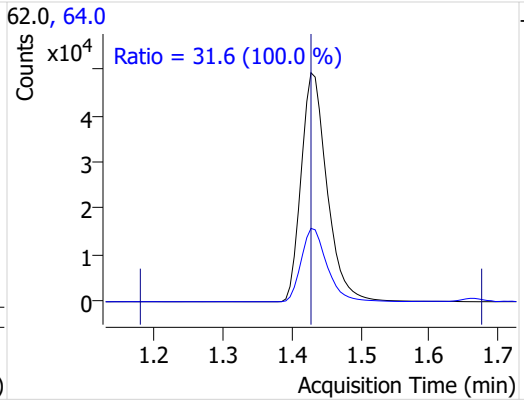


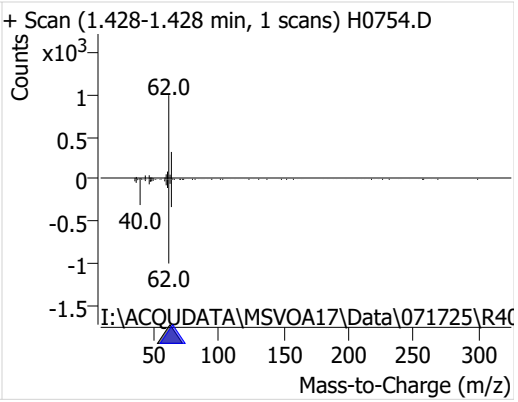




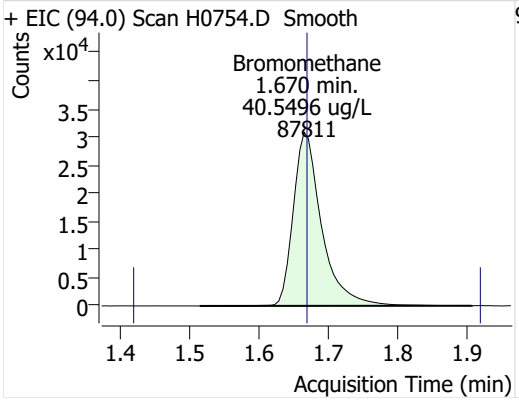
Vinyl Chloride

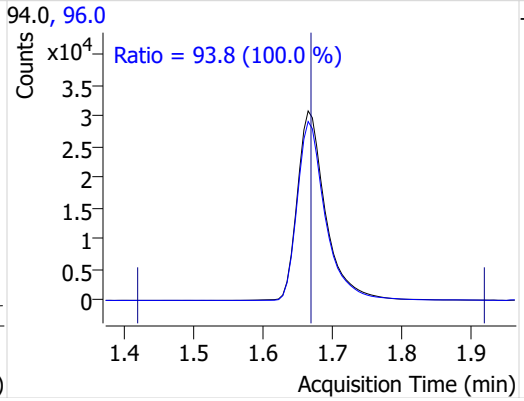


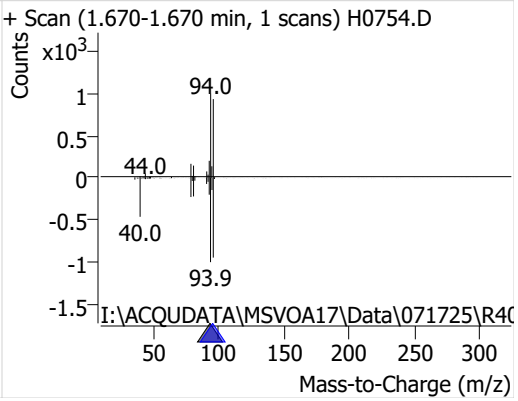




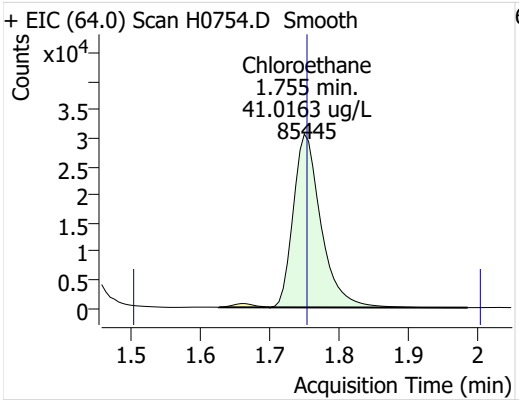
Bromomethane

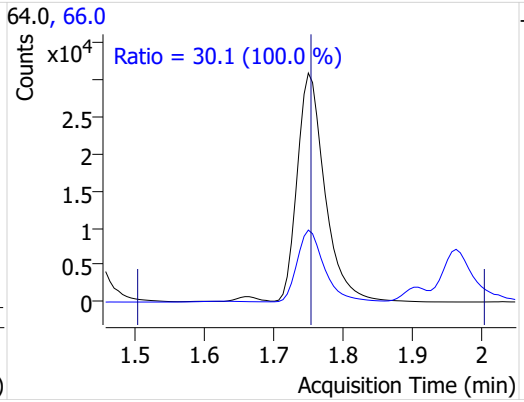


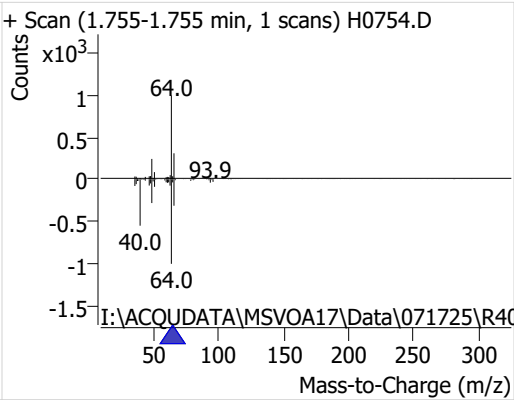




Chloroethane

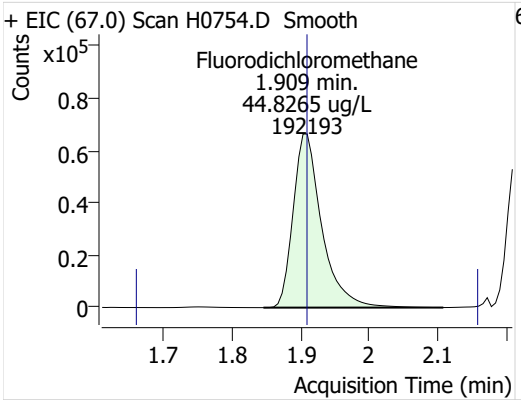


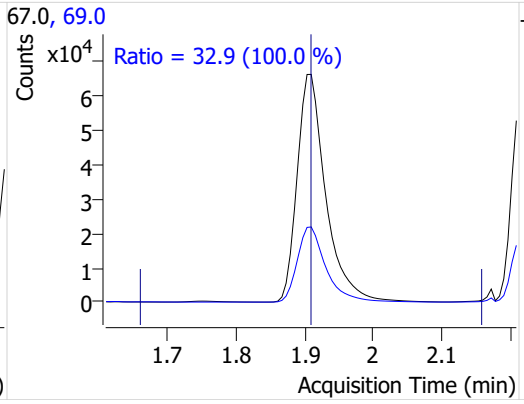


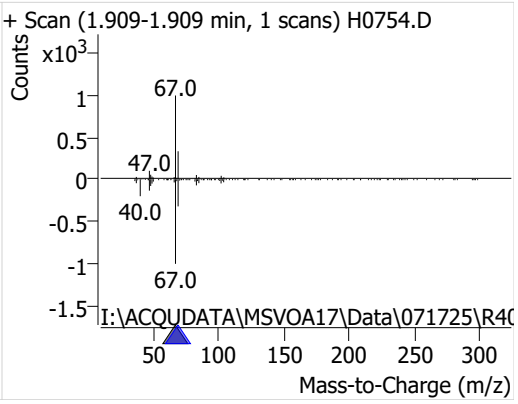


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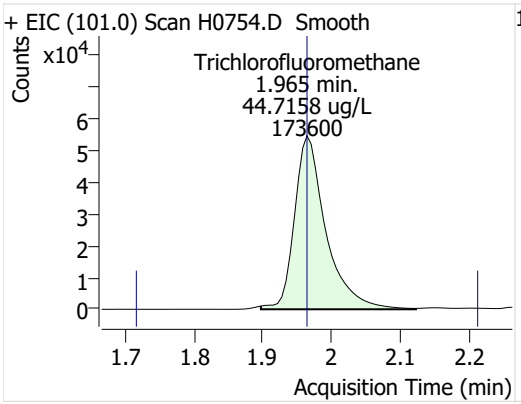
Fluorodichloromethane

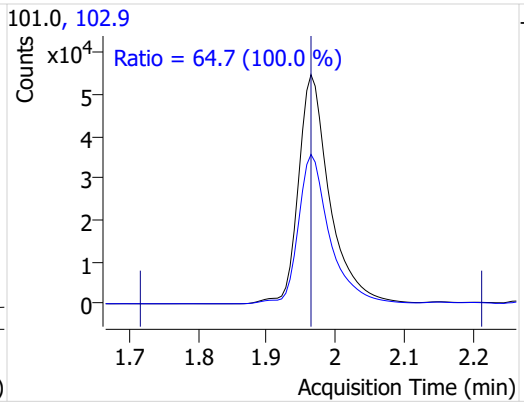


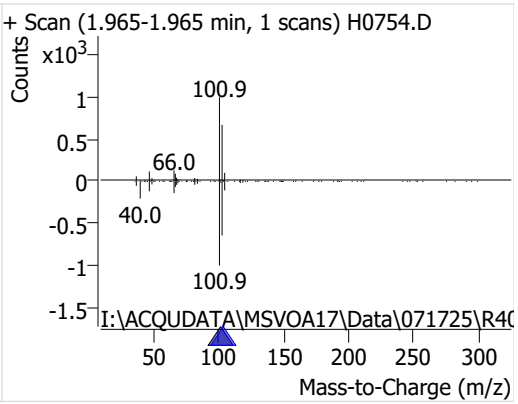




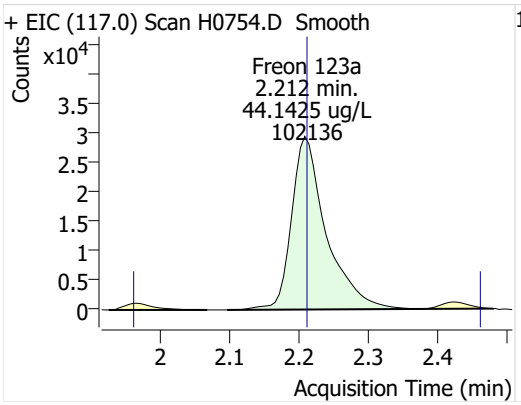
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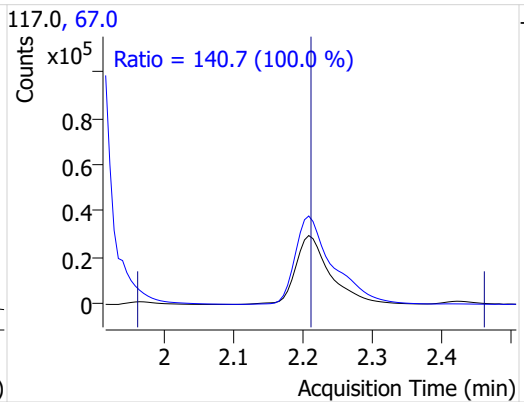


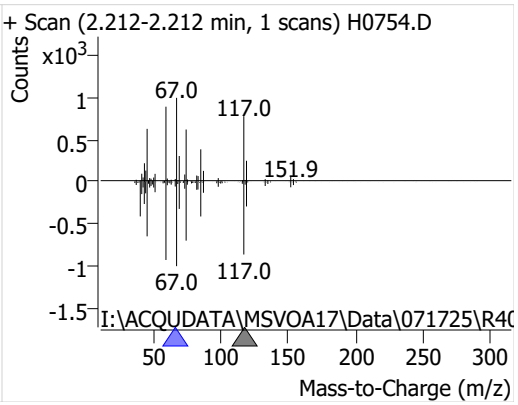




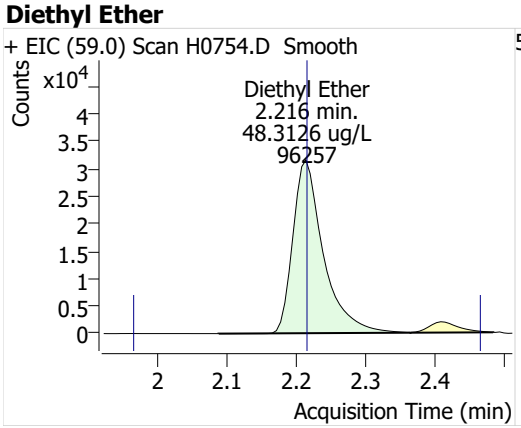
Freon 123a

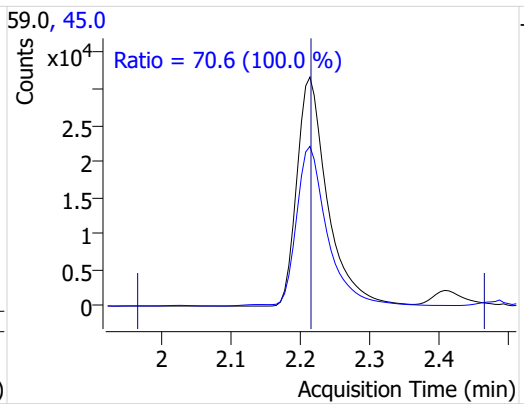


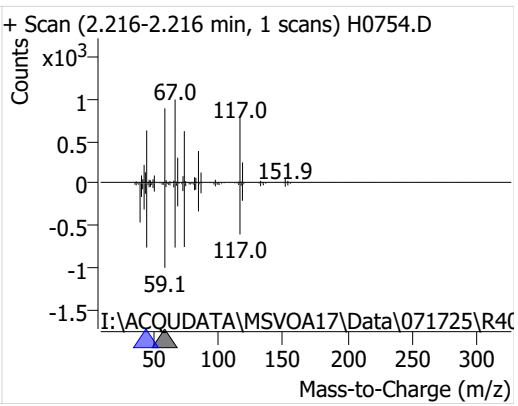




Diethyl Ether

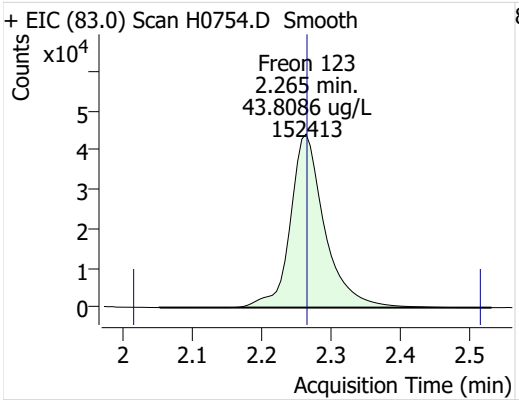


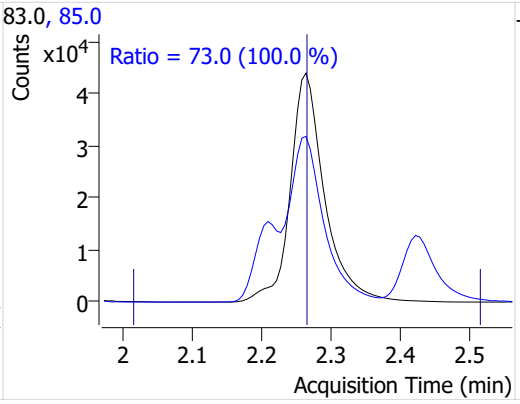


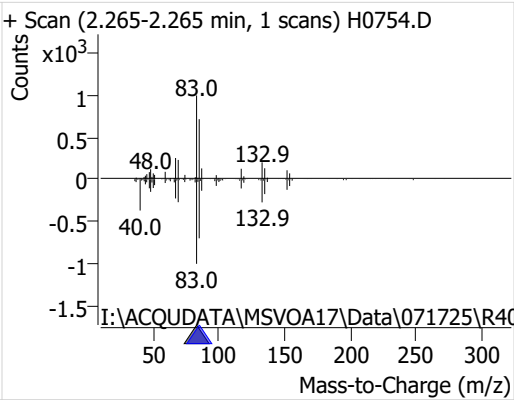


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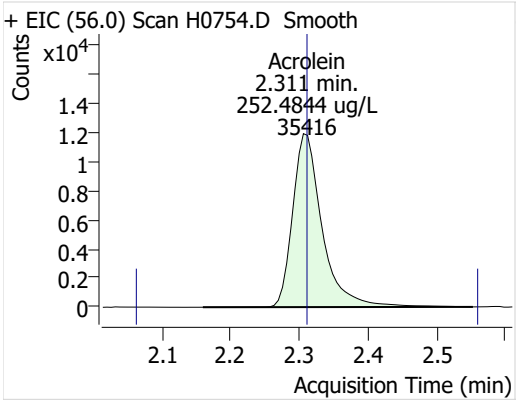
Freon 123

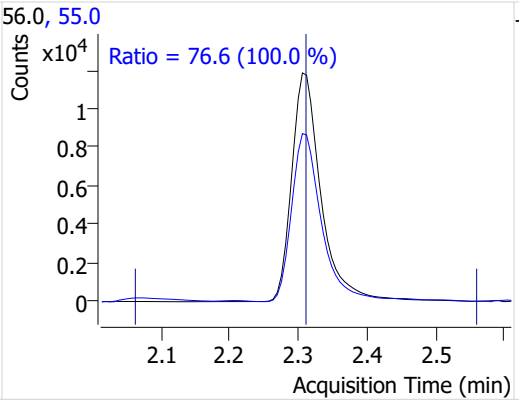


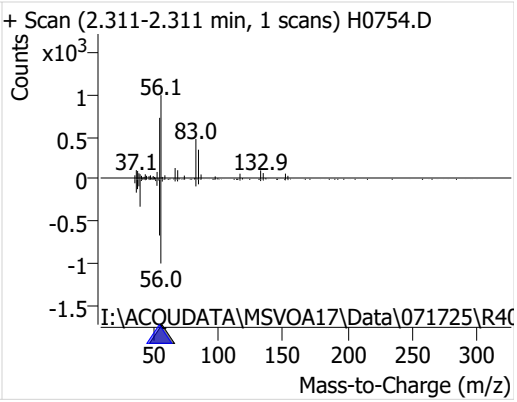




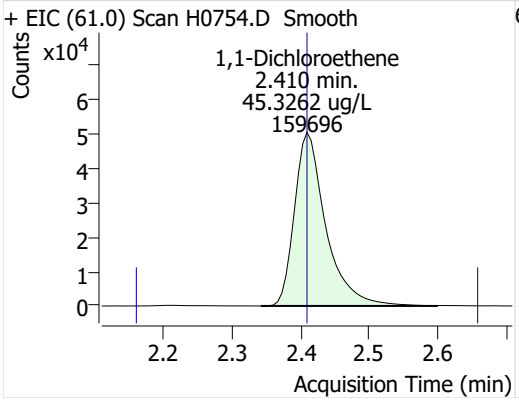
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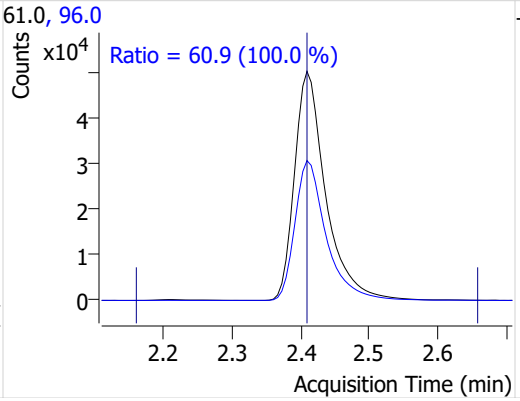


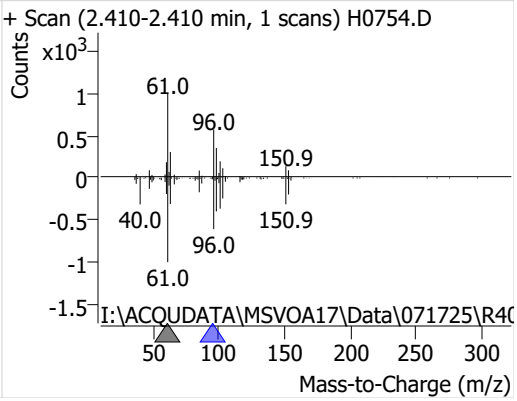




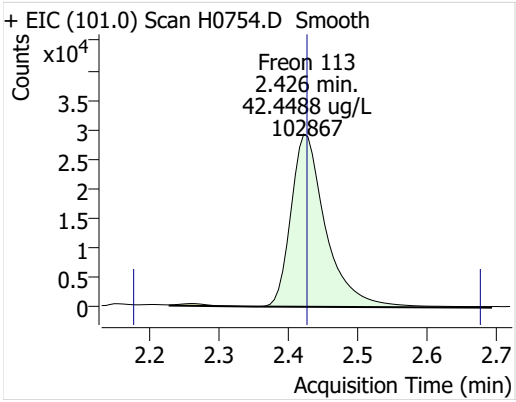
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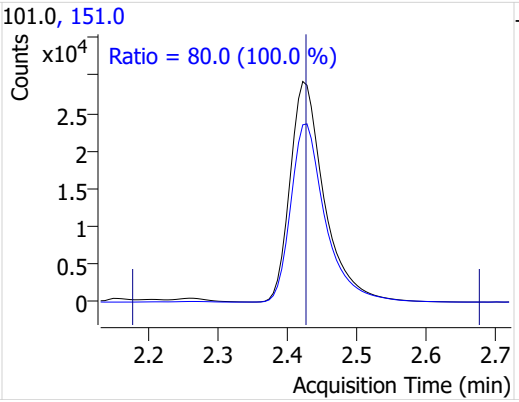


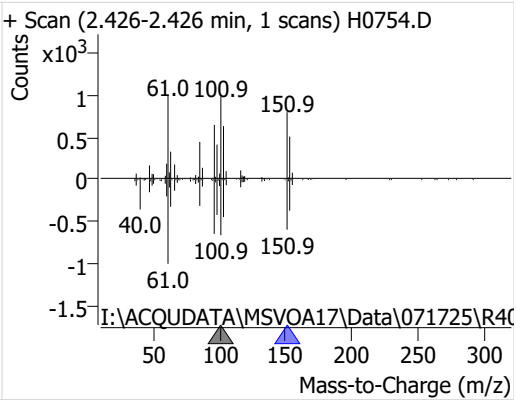




Freon 113

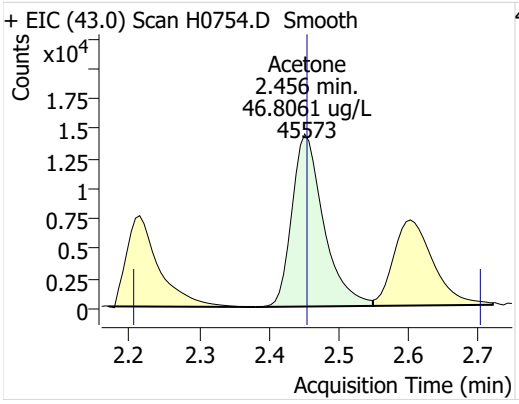


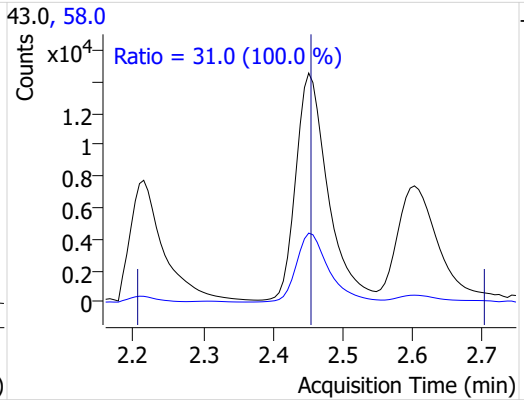


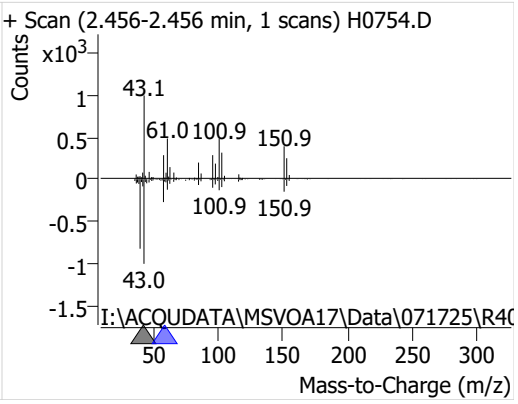


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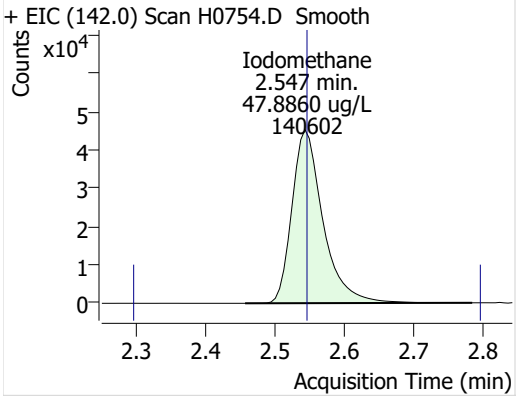
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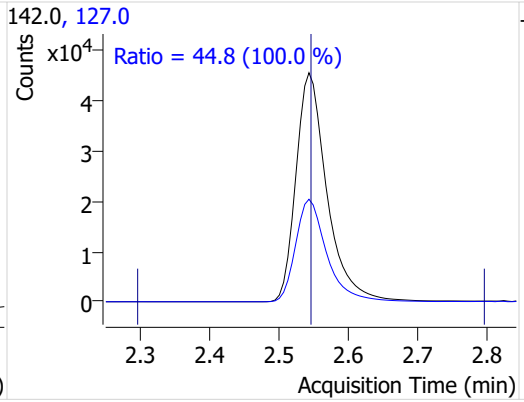


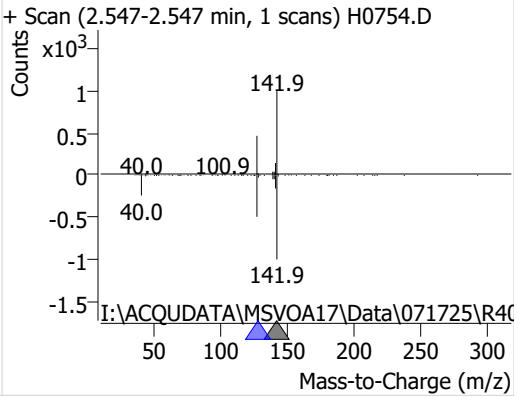




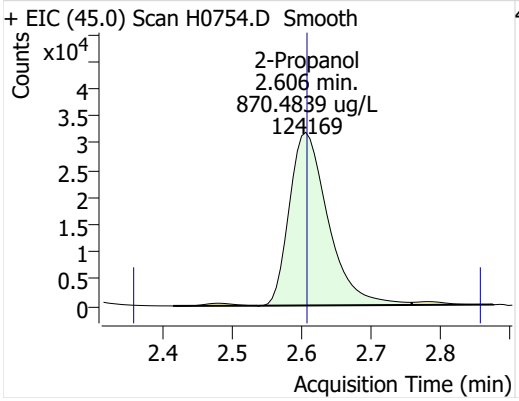
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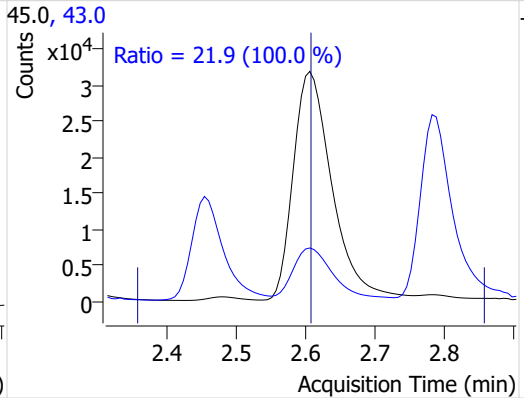


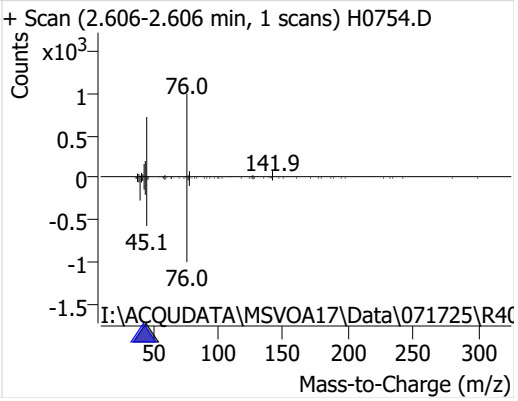




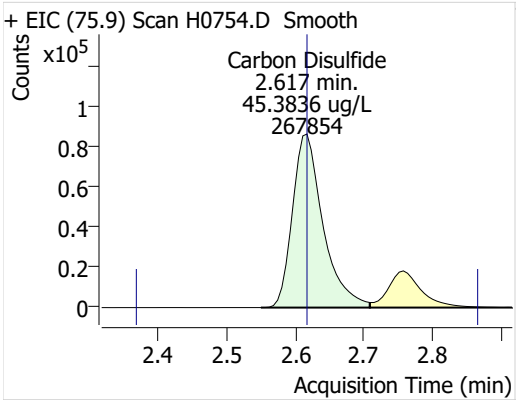
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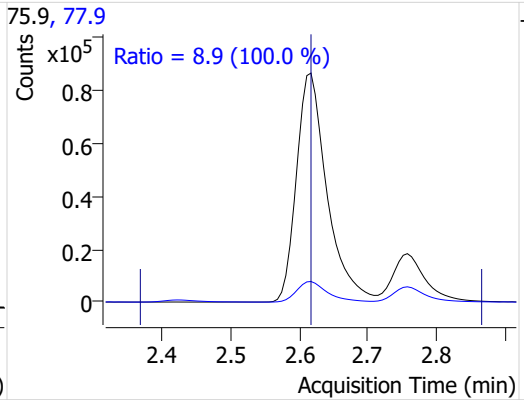


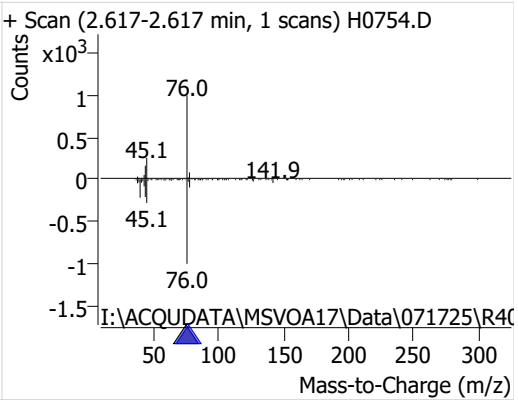




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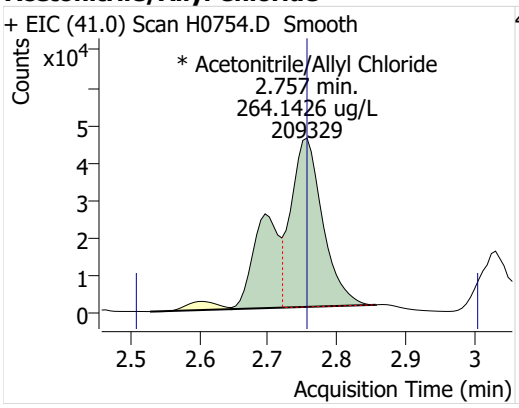


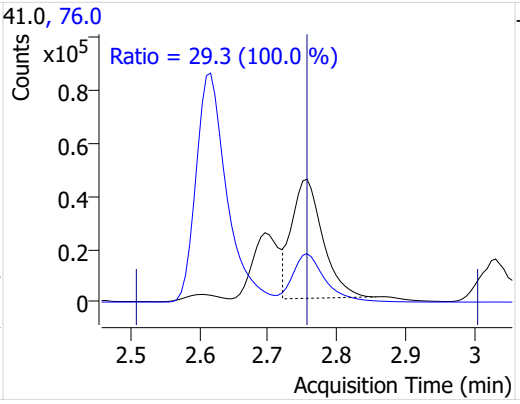


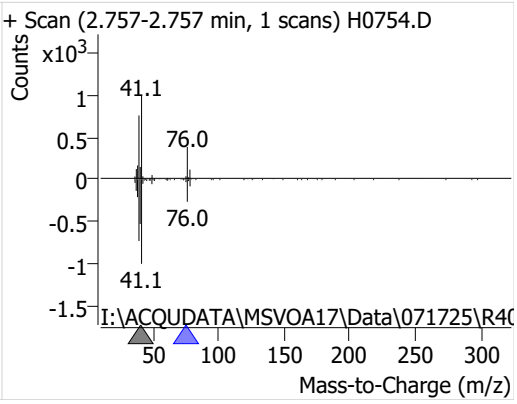


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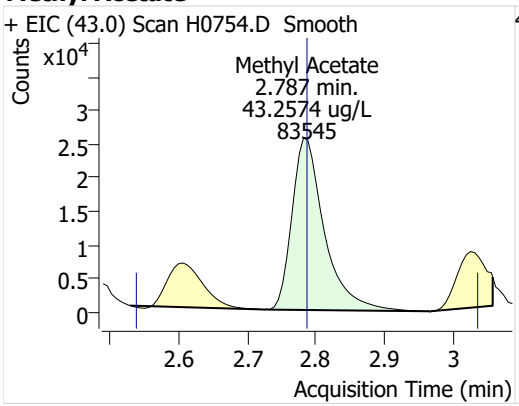
Acetonitrile/Allyl Chloride

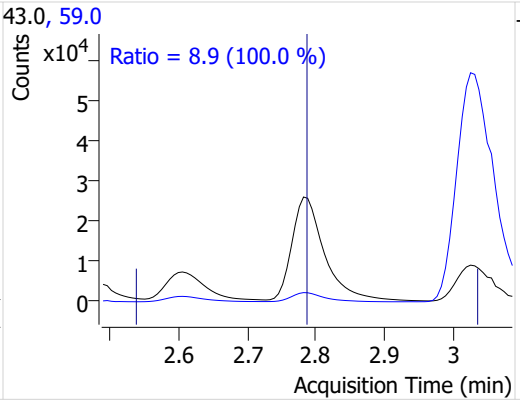


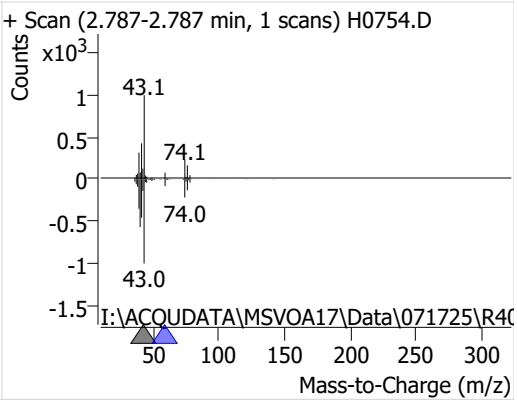




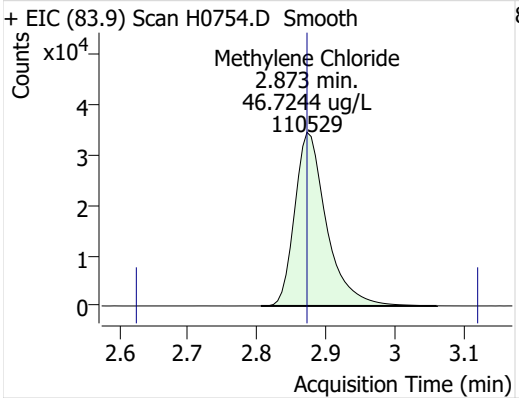
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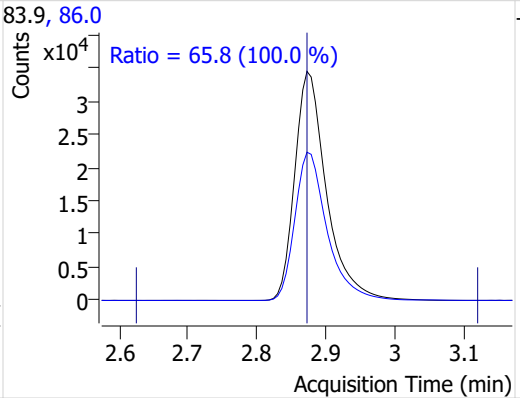


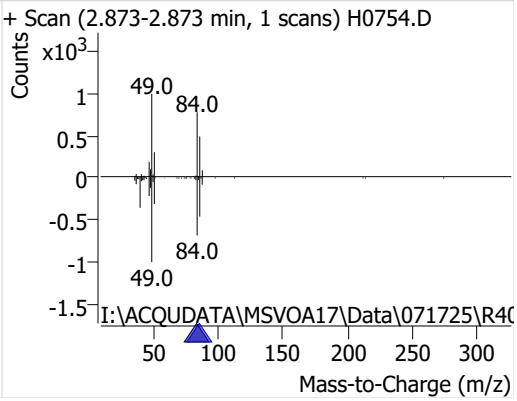




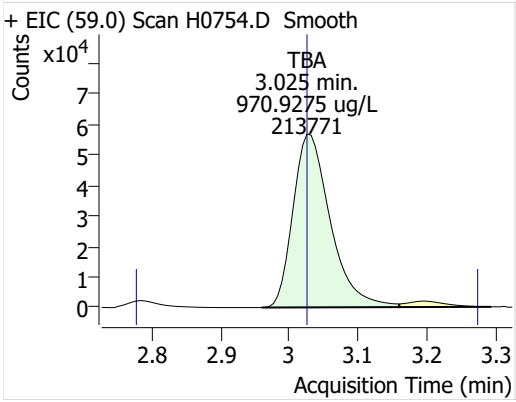
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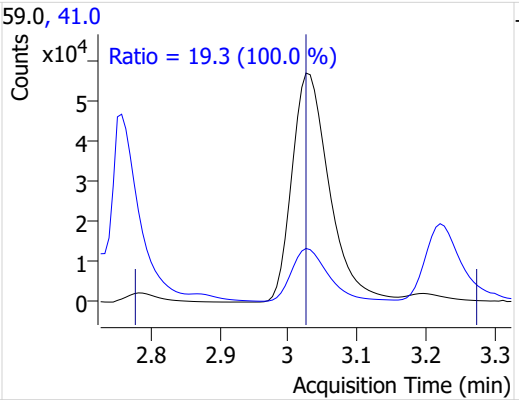


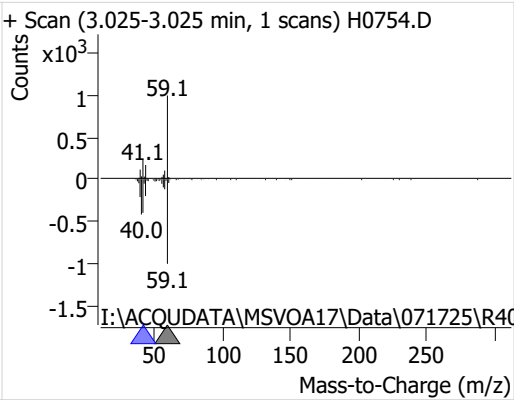




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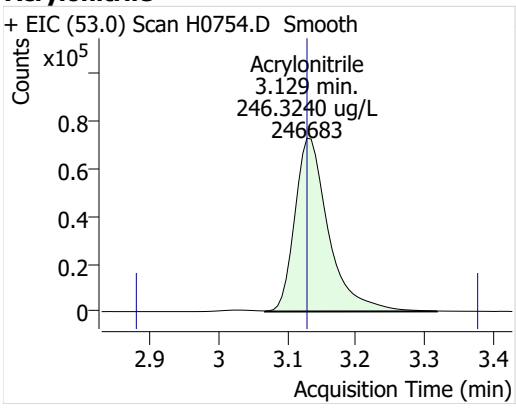


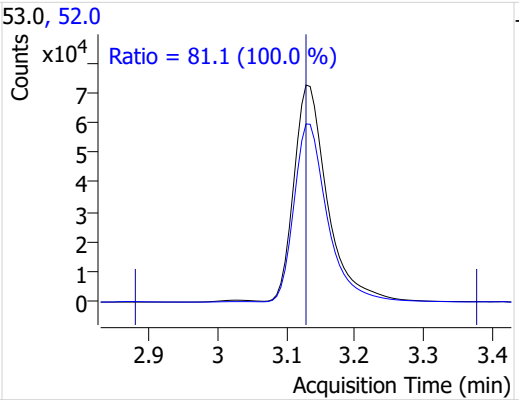


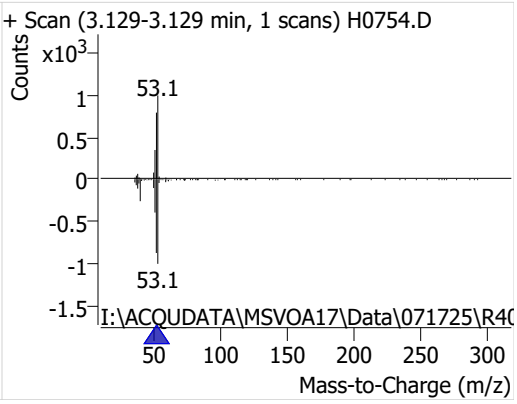


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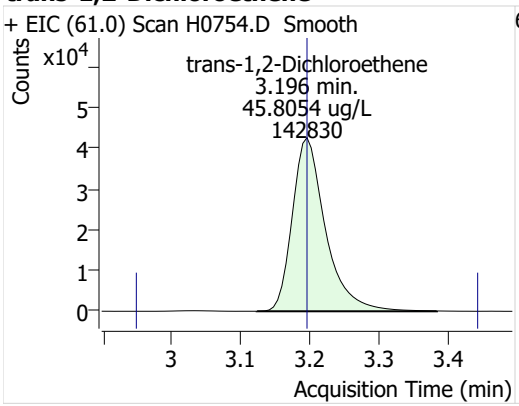
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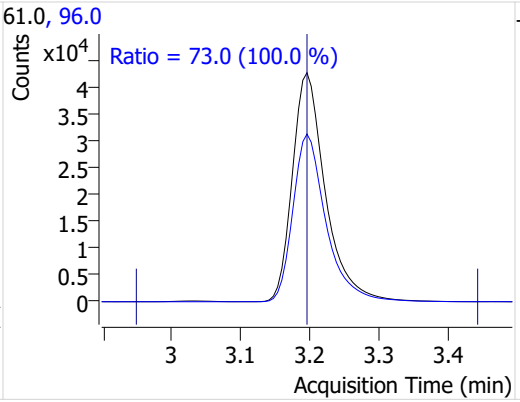


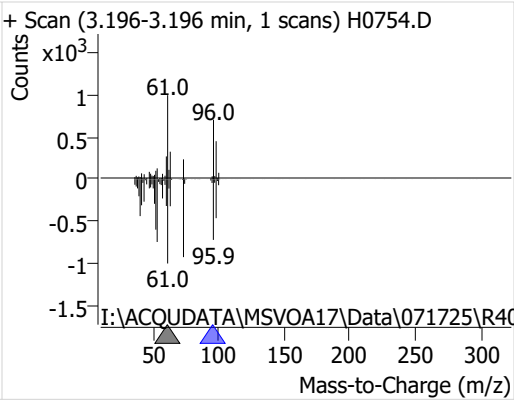




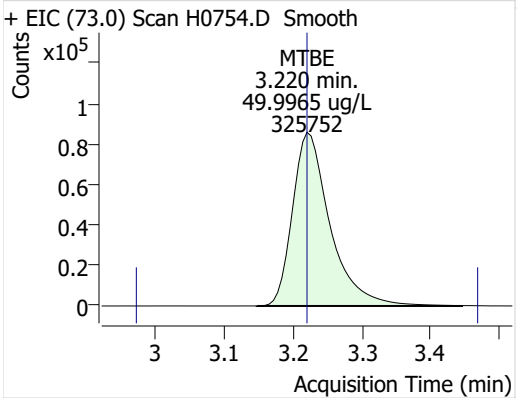
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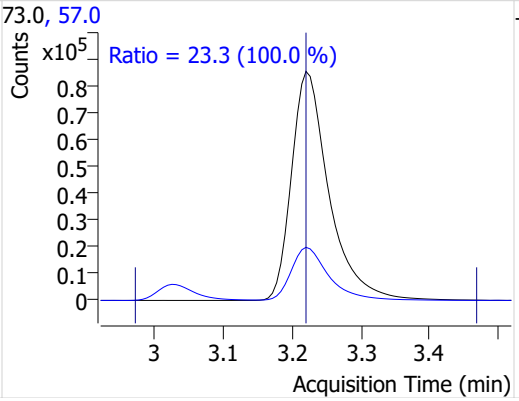


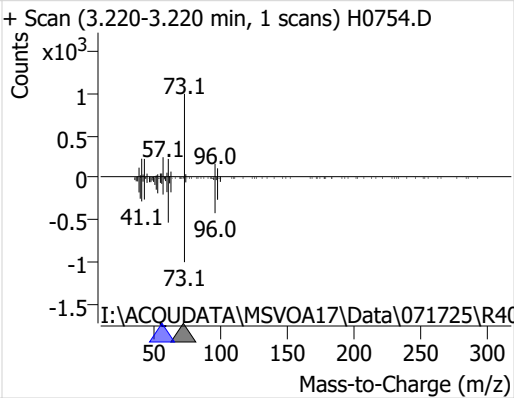




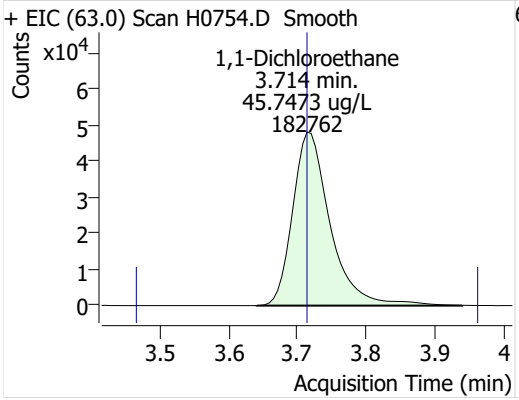
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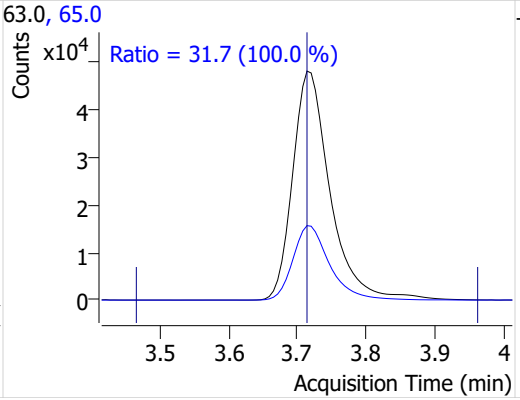


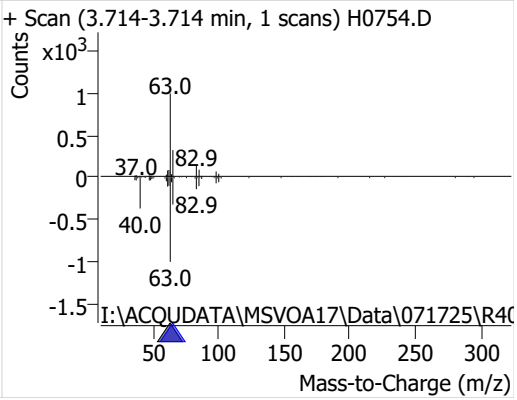




1,1-Dichloroethane

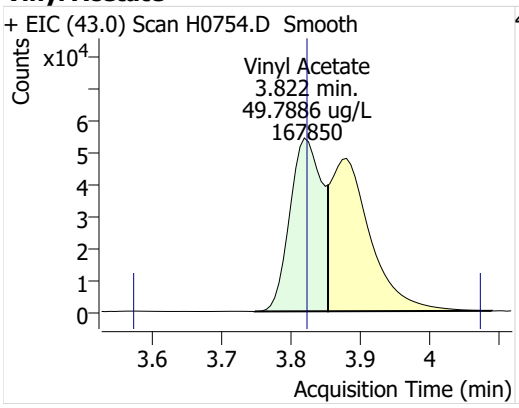


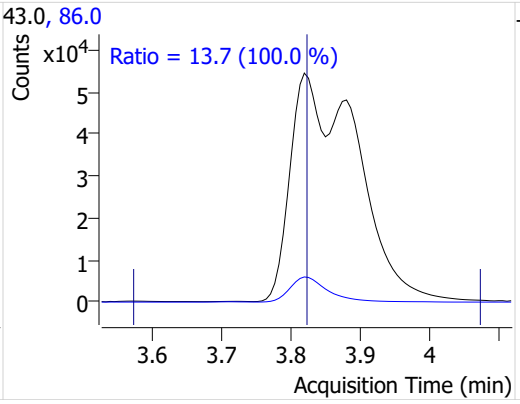


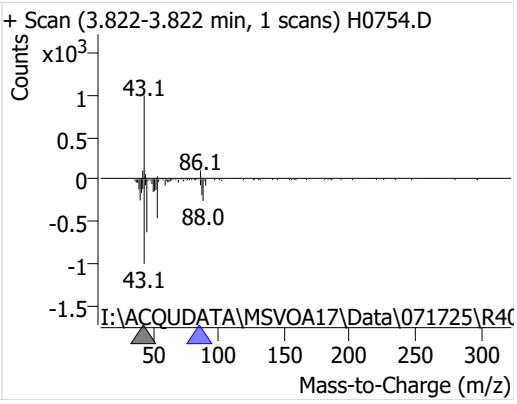


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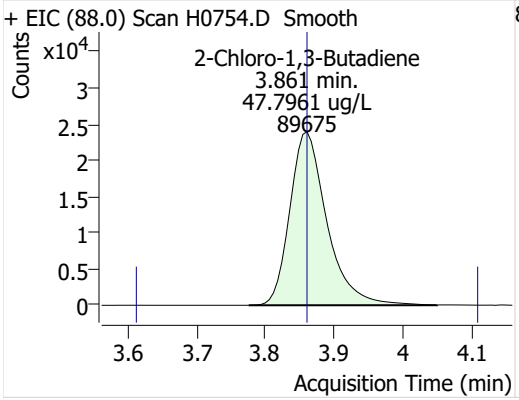
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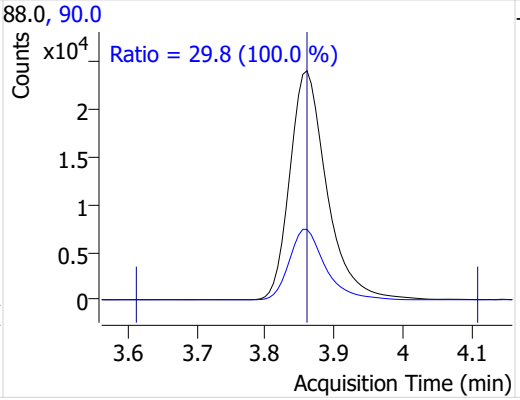


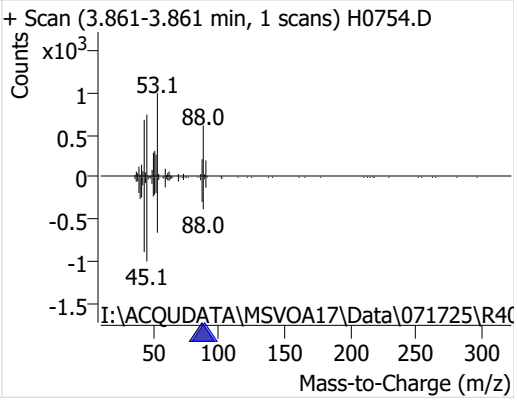




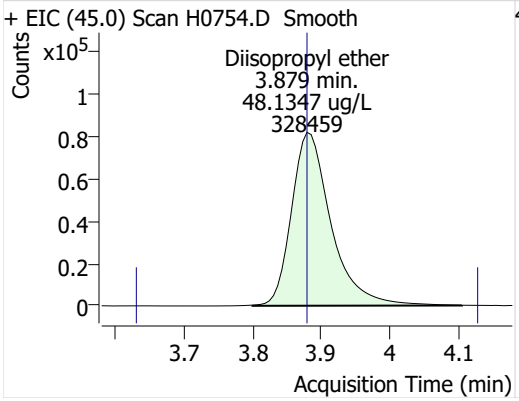
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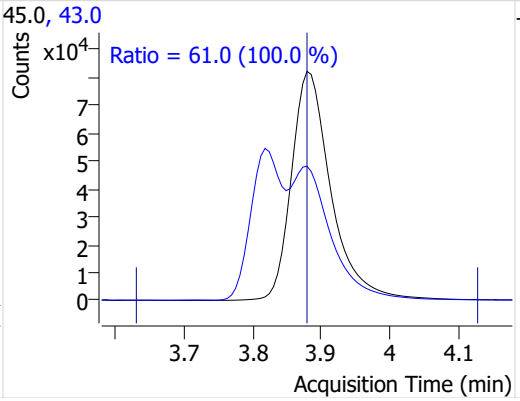


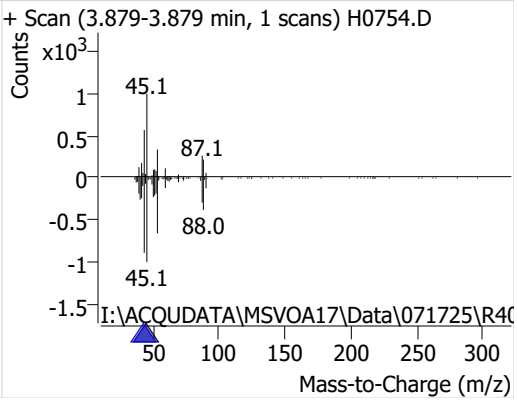




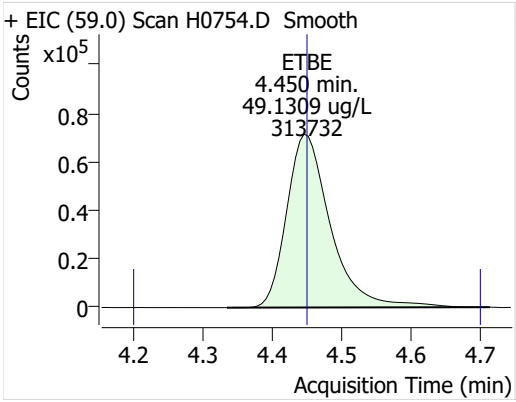
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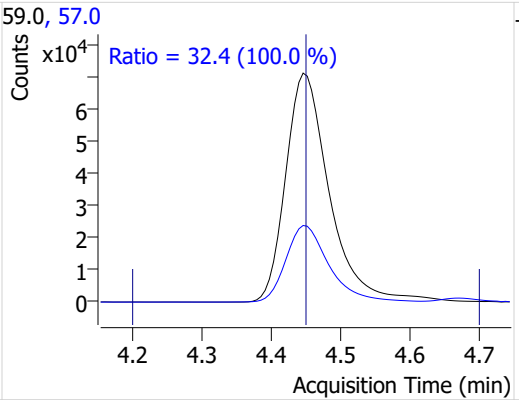


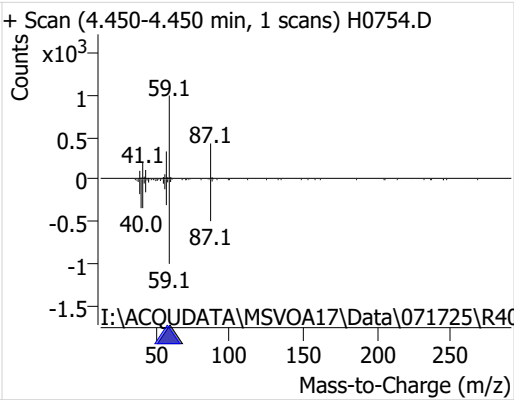




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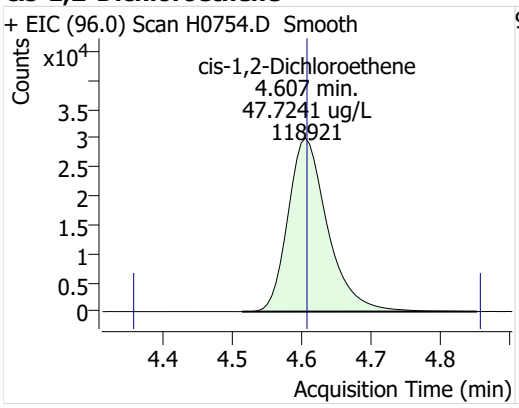


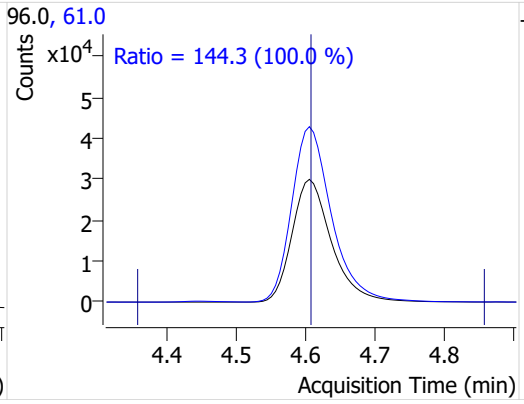


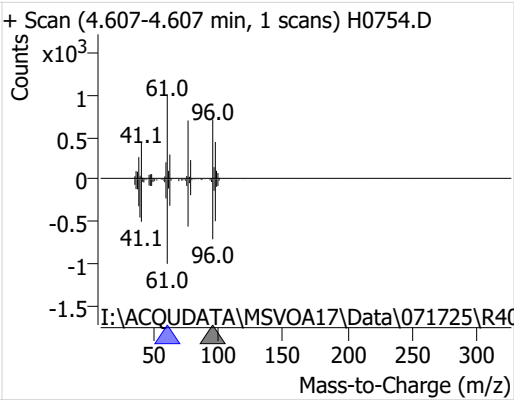


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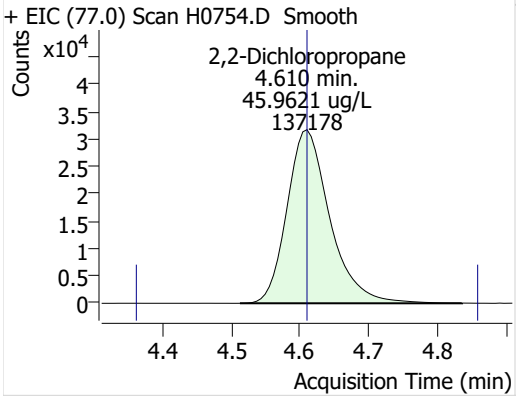
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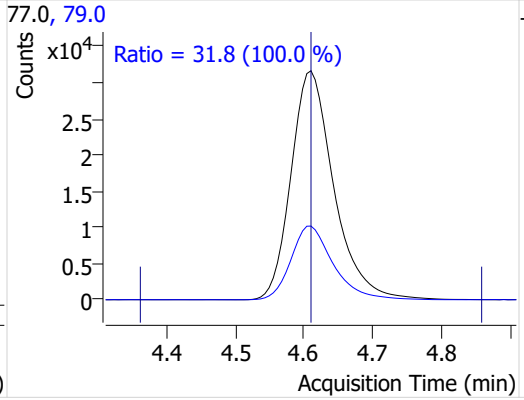


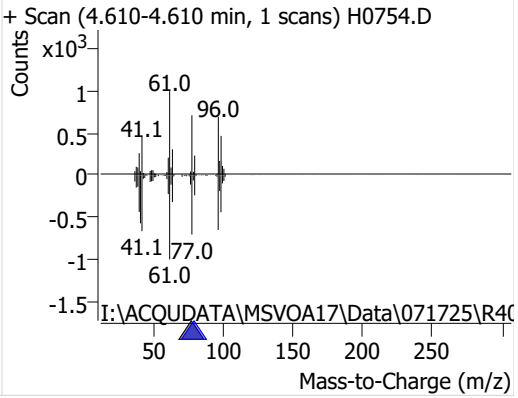




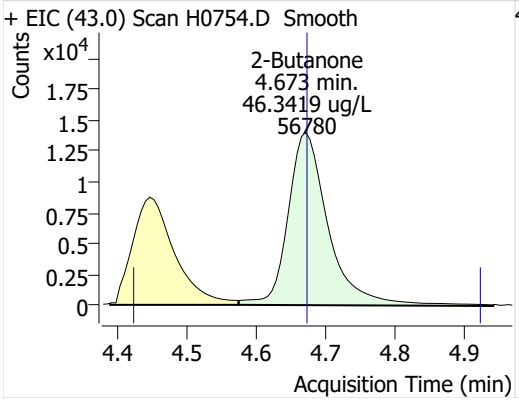
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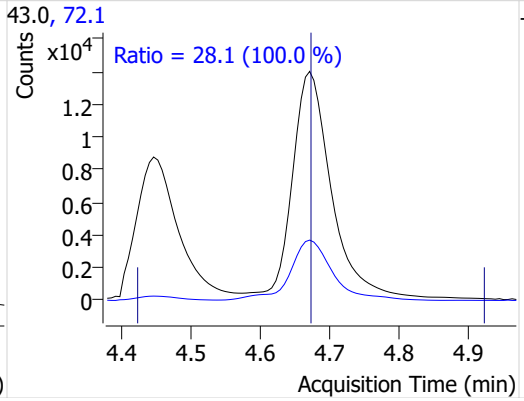


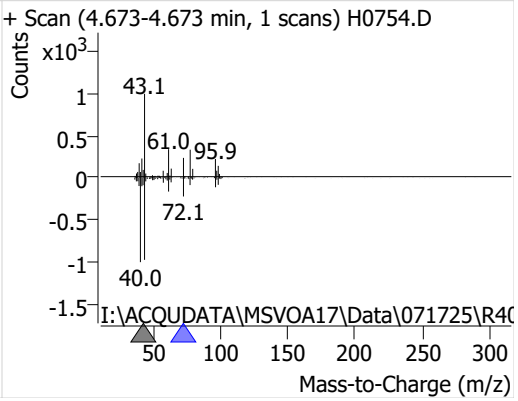




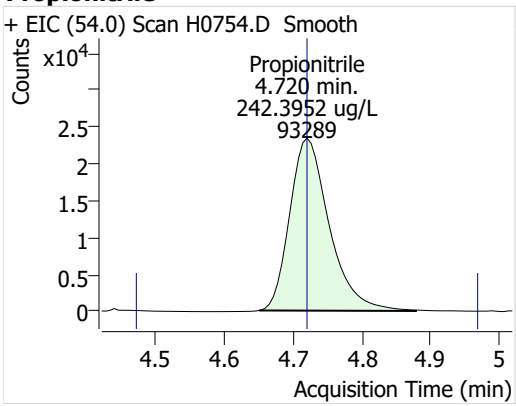
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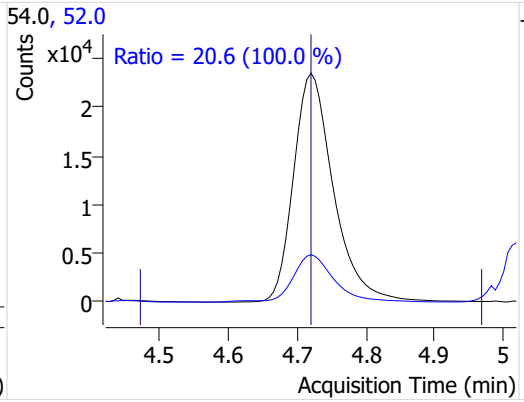


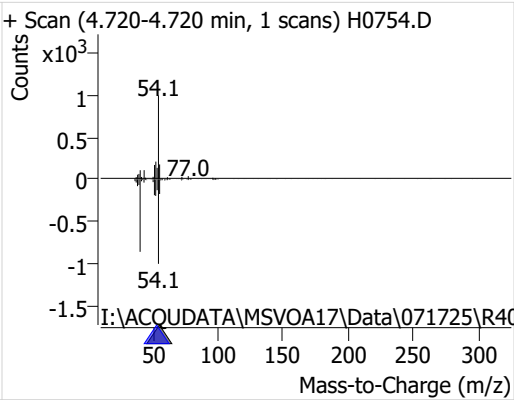




Propionitrile

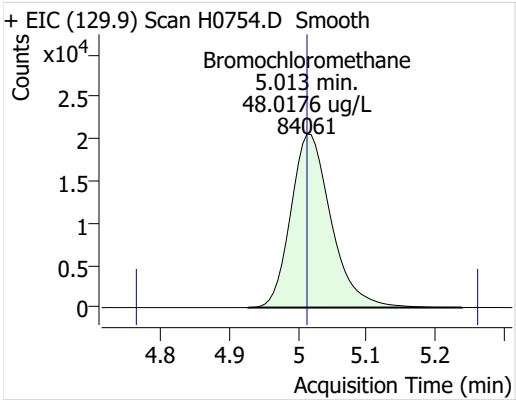


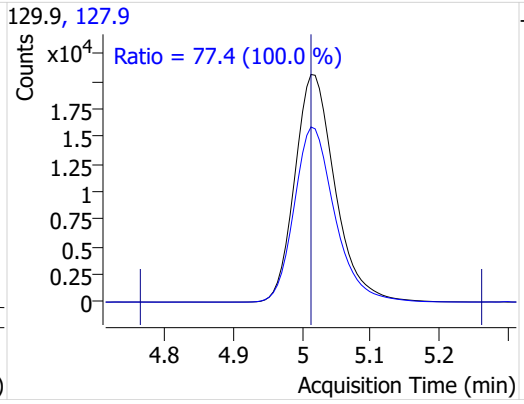


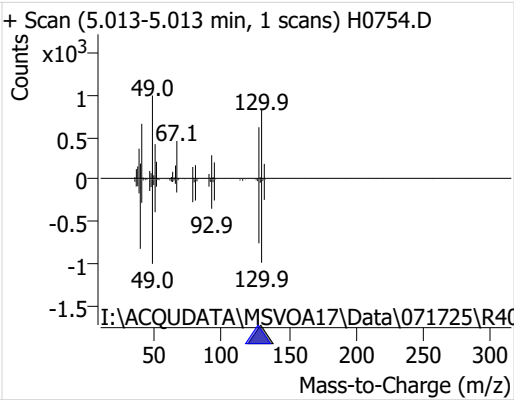


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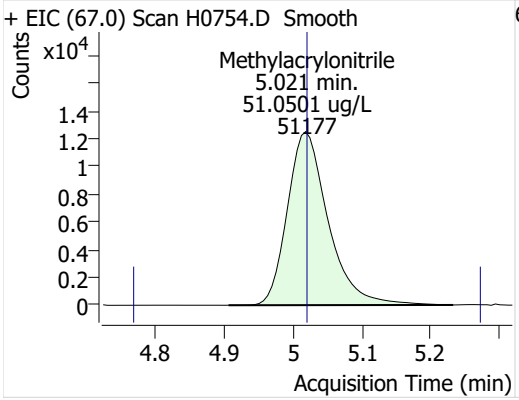
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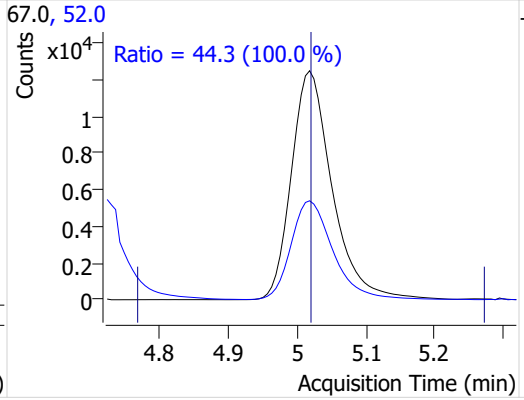


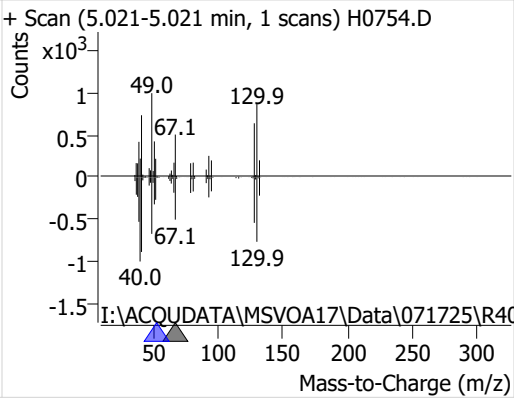




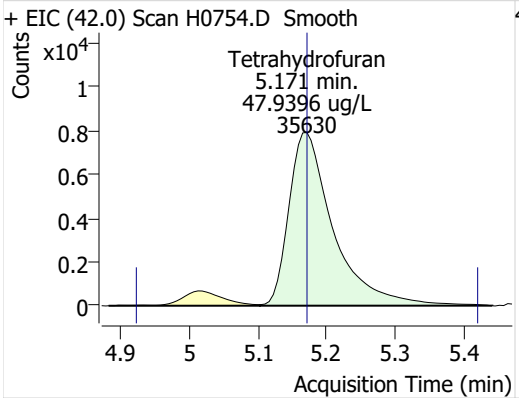
Methylacrylonitrile

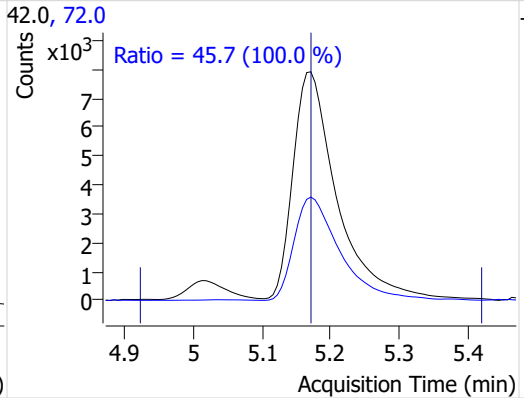


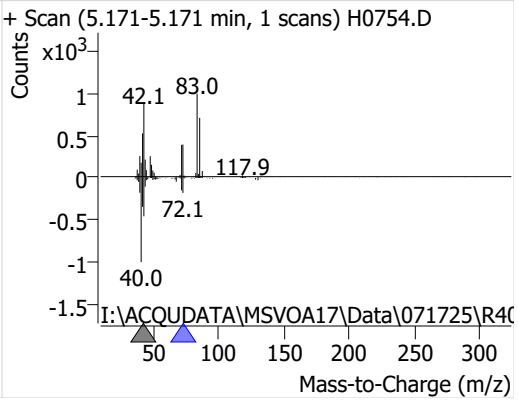




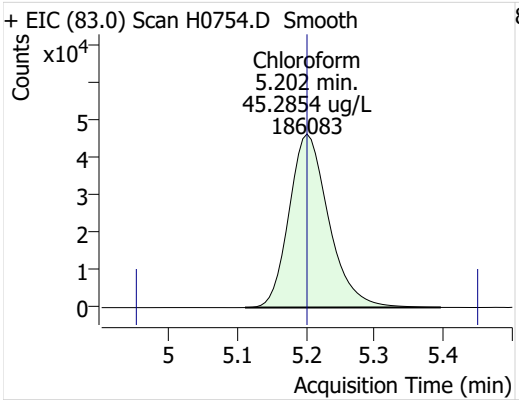
Tetrahydrofuran

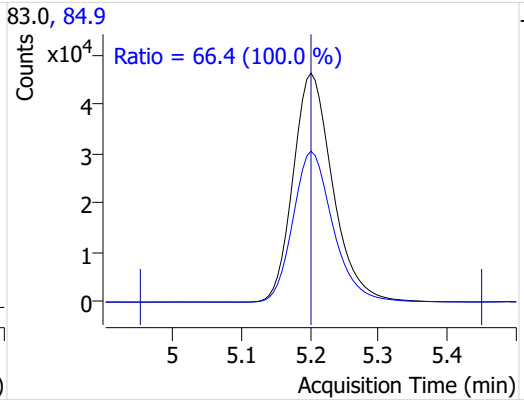


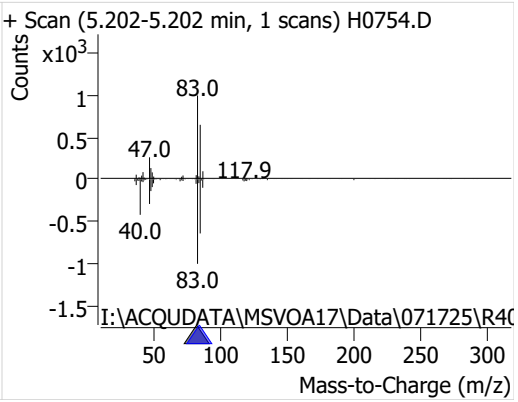




Chloroform

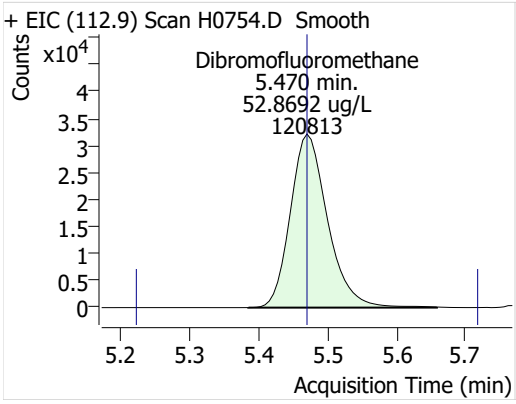


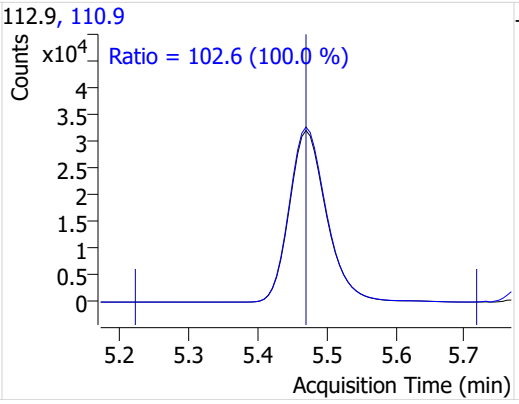


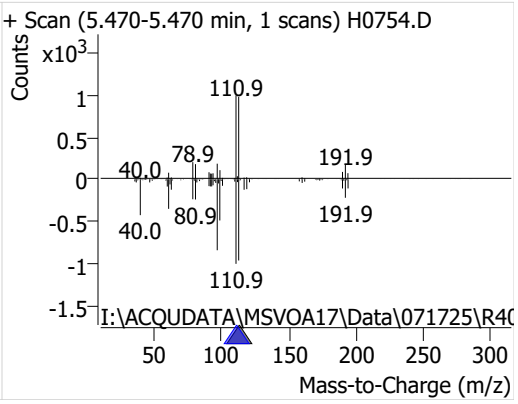


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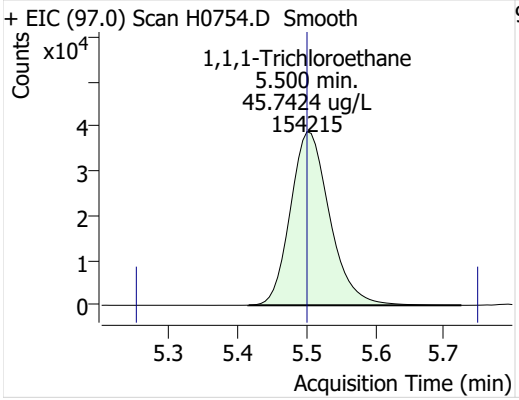
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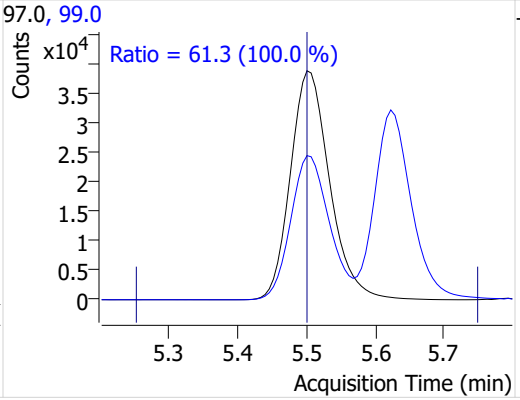


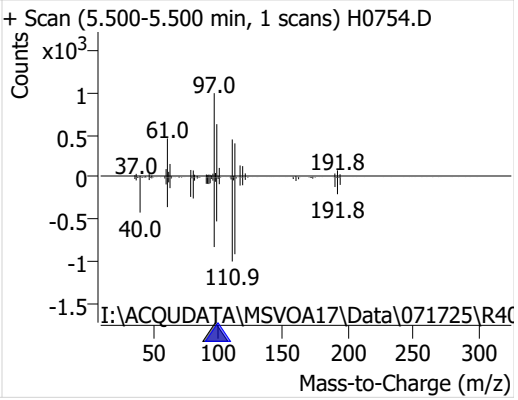




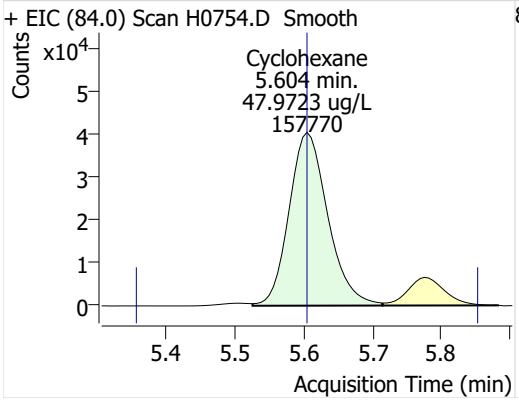
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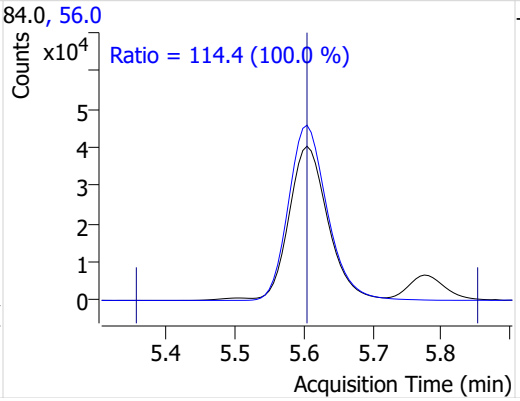


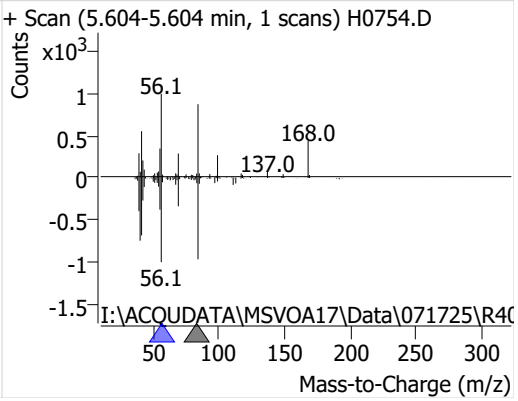




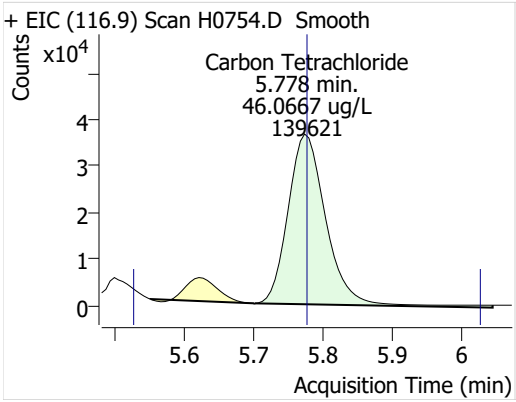
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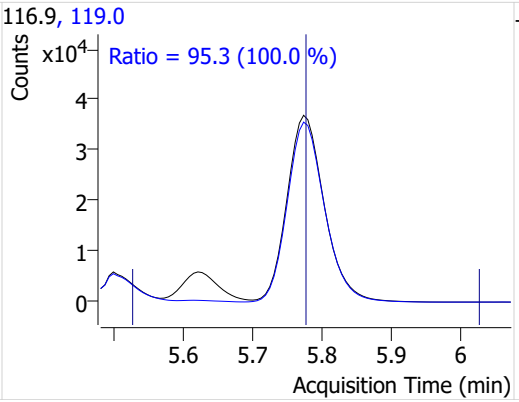


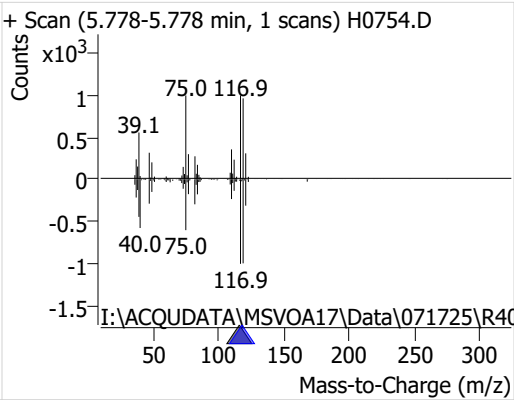




Carbon Tetrachloride

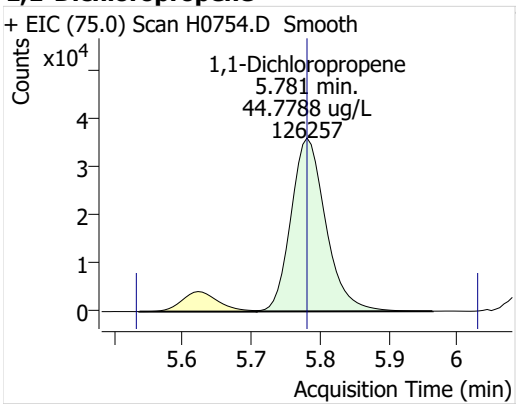


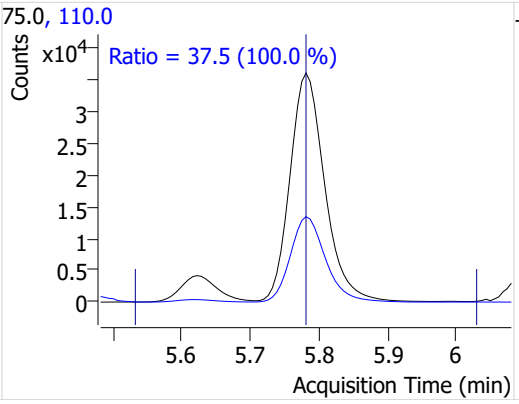


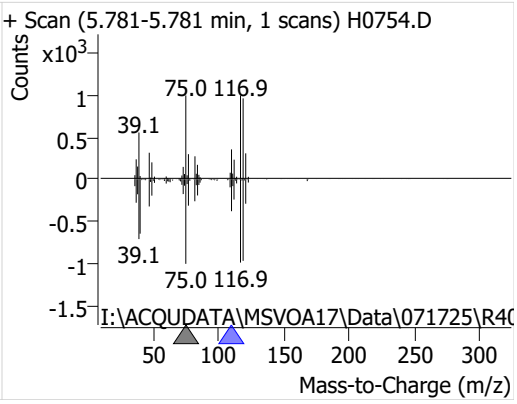


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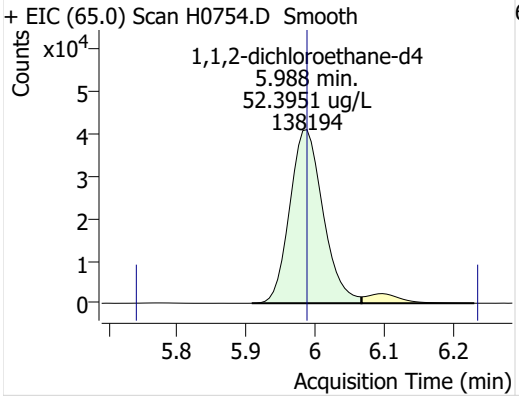
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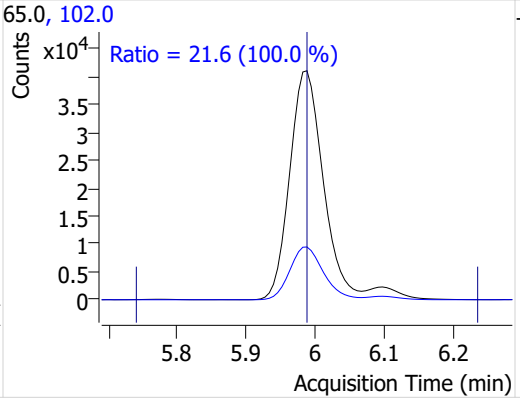


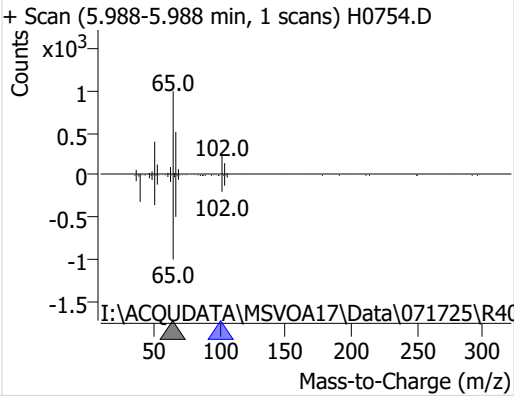




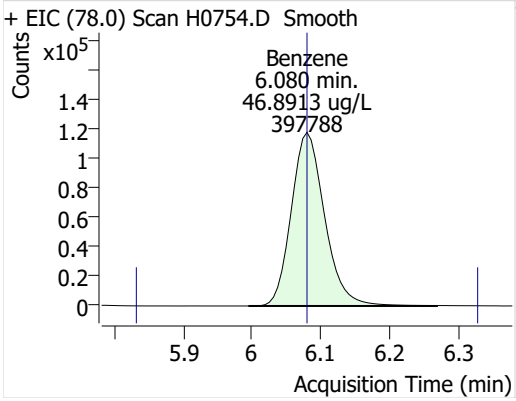
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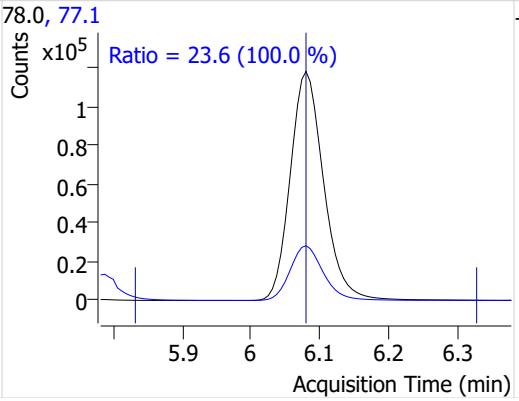


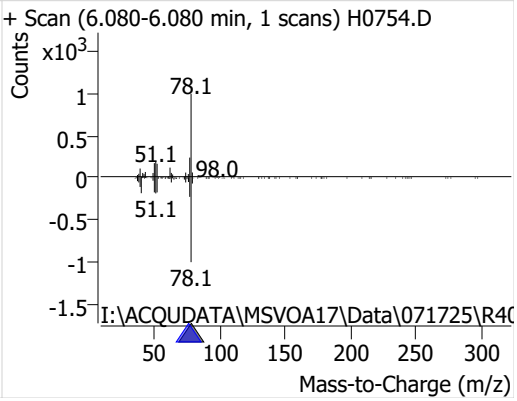




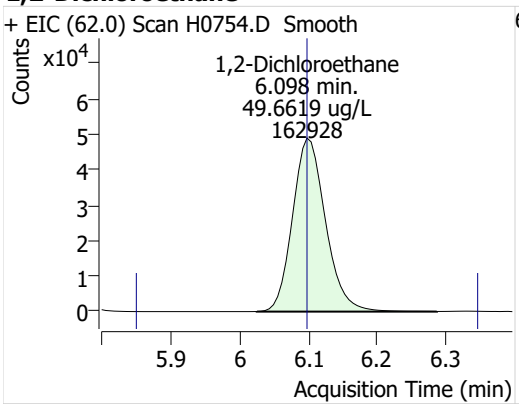
Benzene

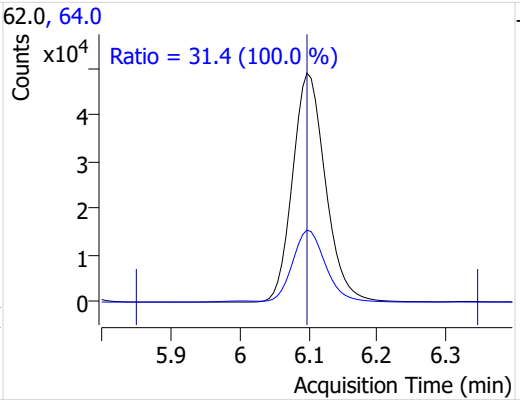


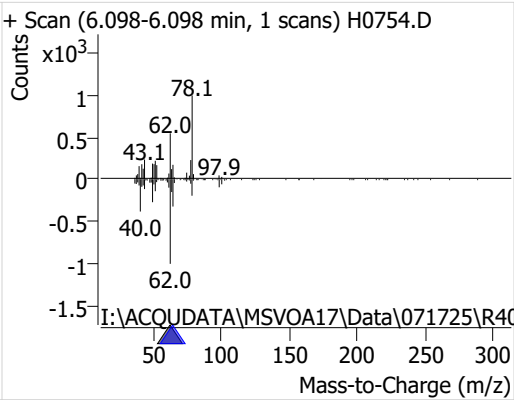




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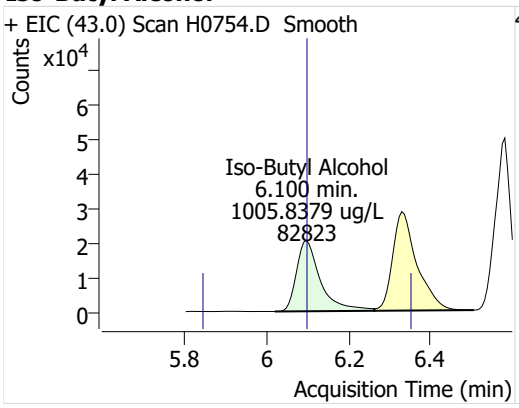


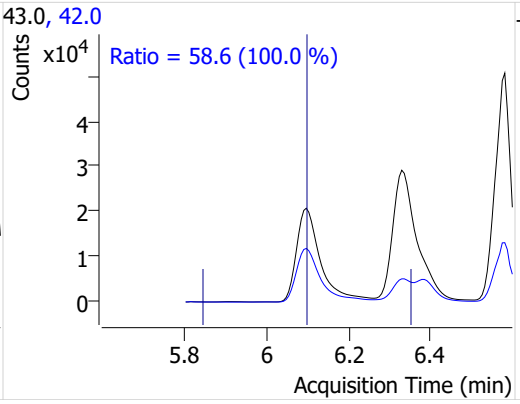


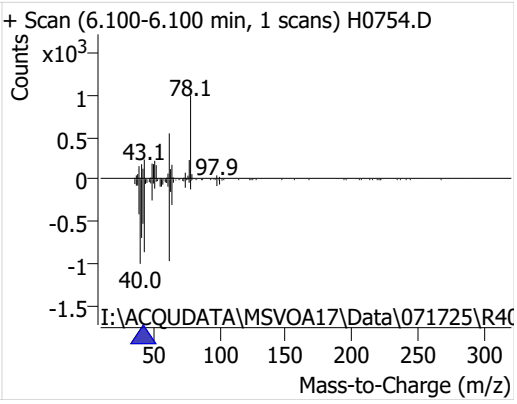


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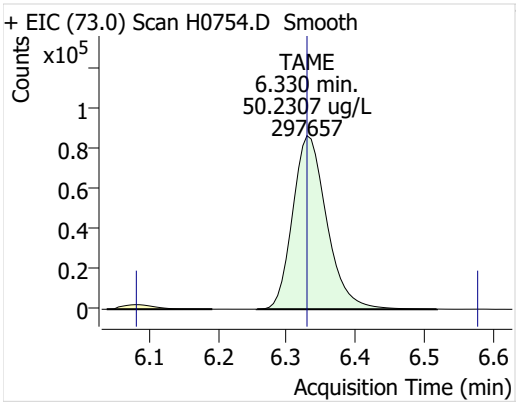
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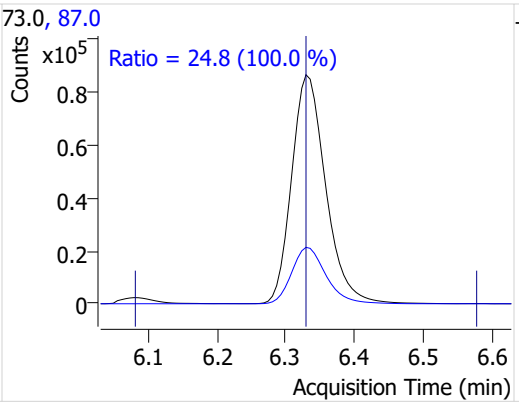


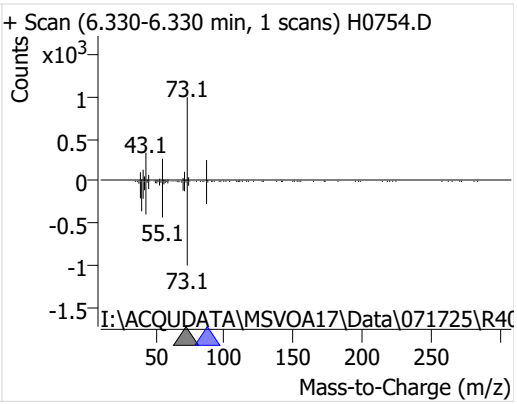




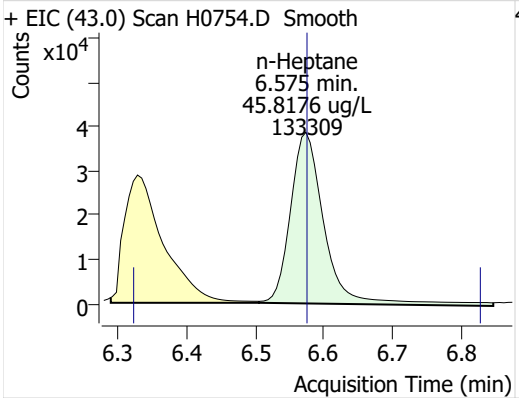
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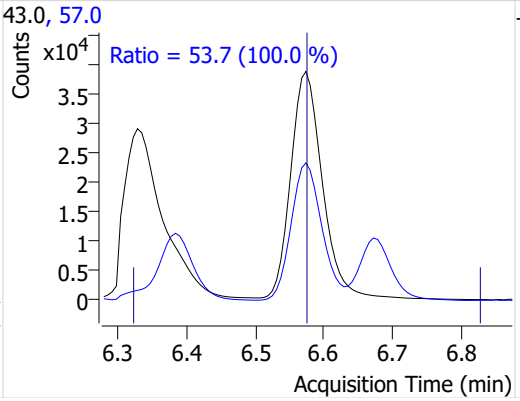


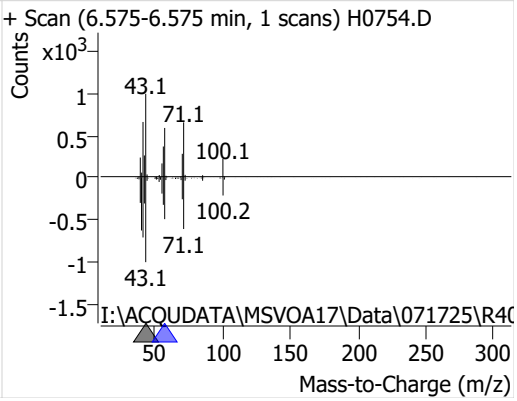




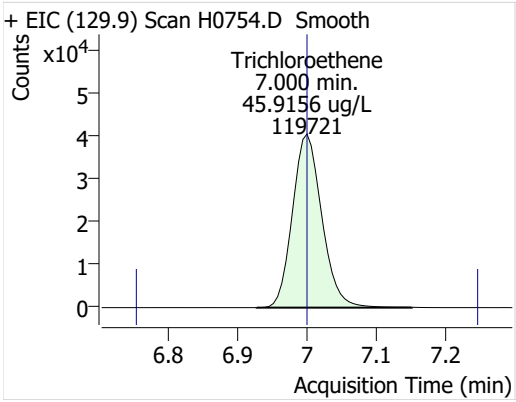
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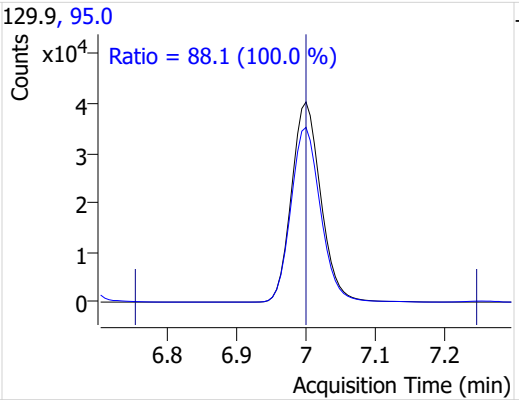


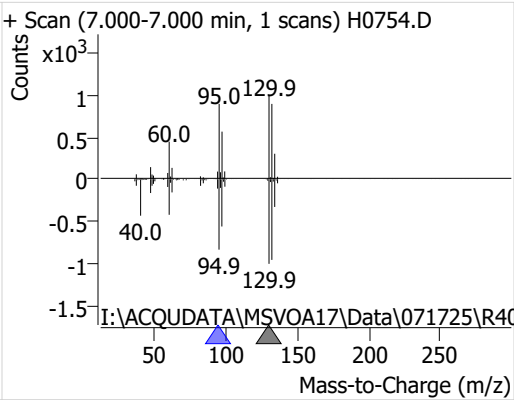




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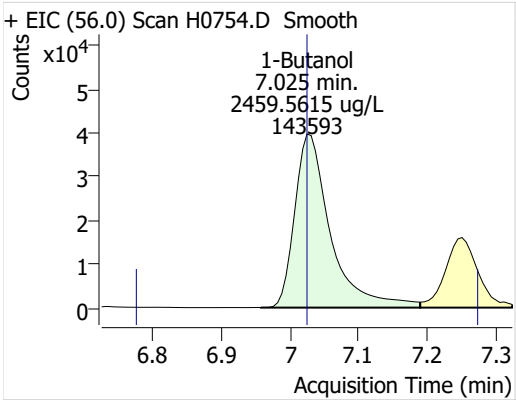


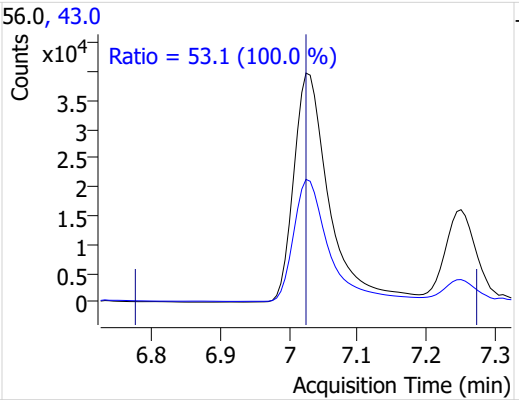


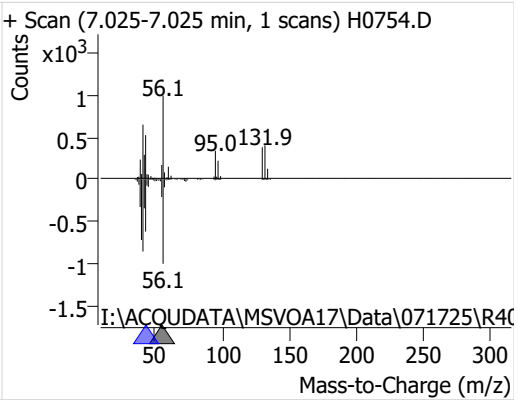


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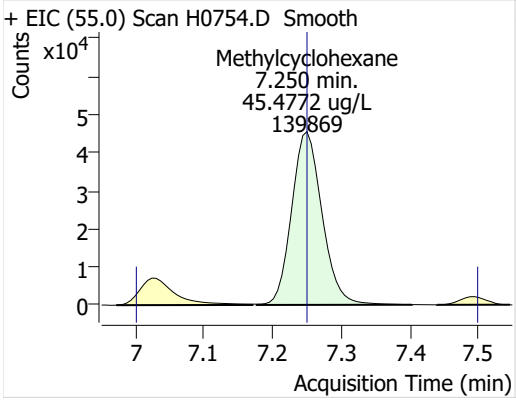
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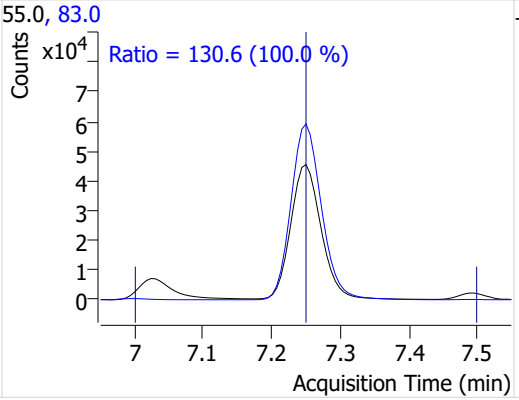


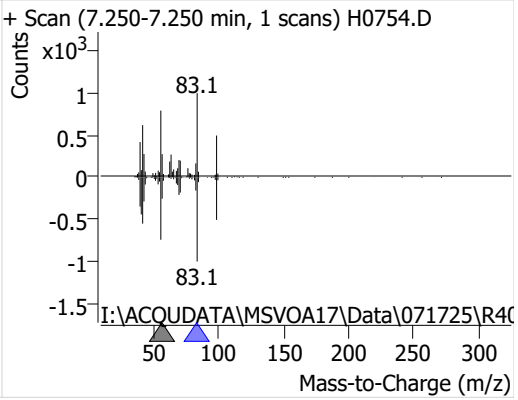




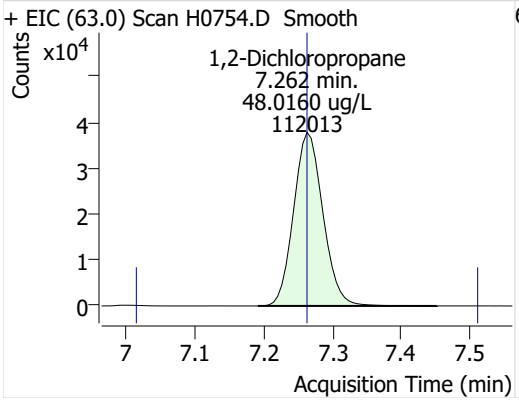
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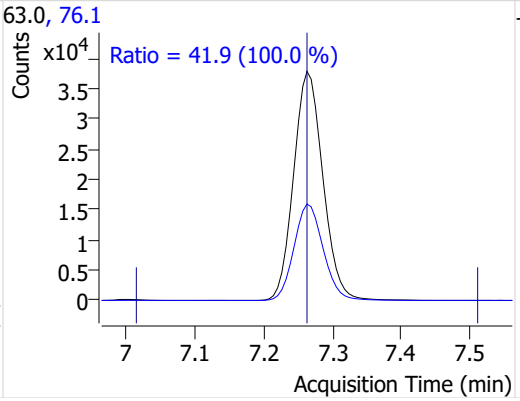


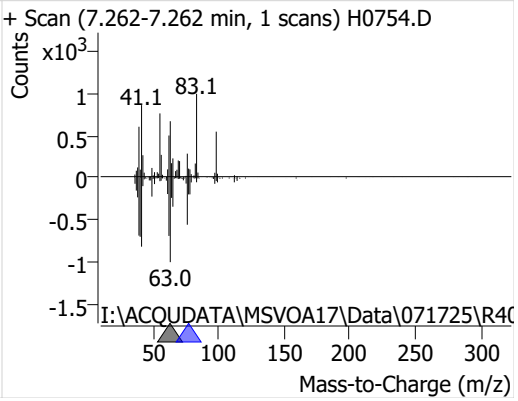




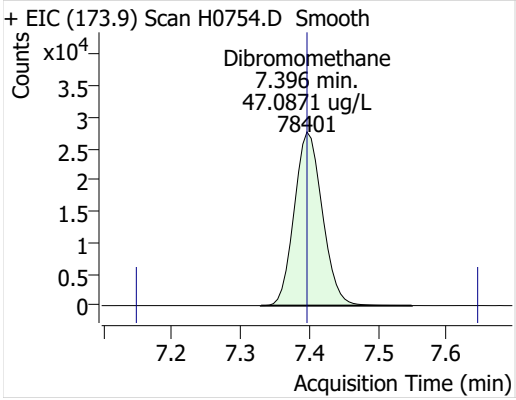
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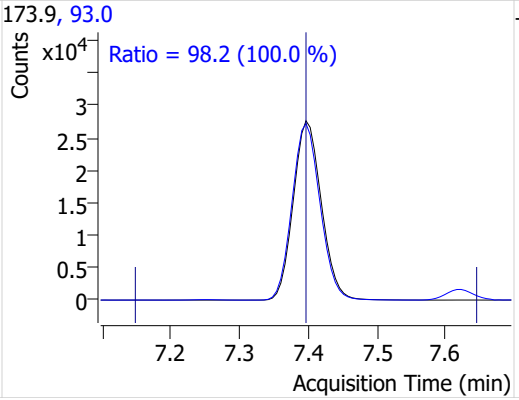


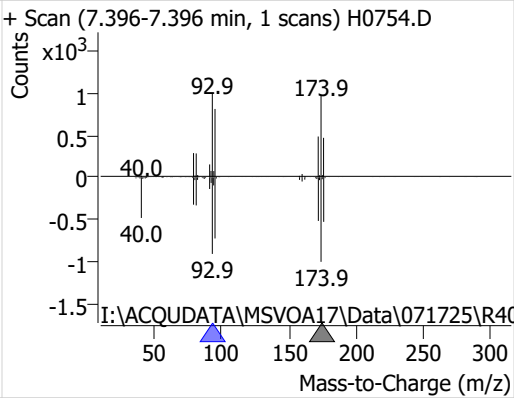




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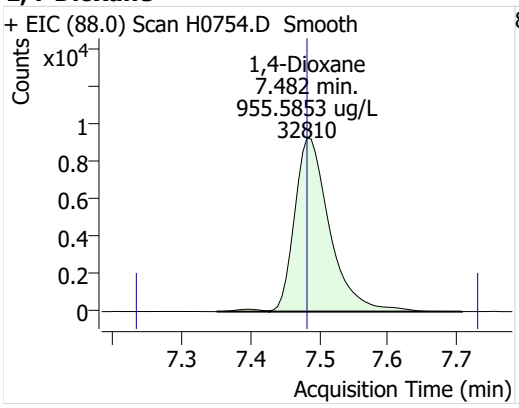


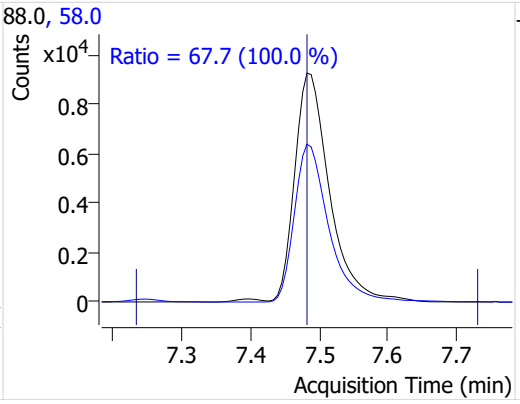


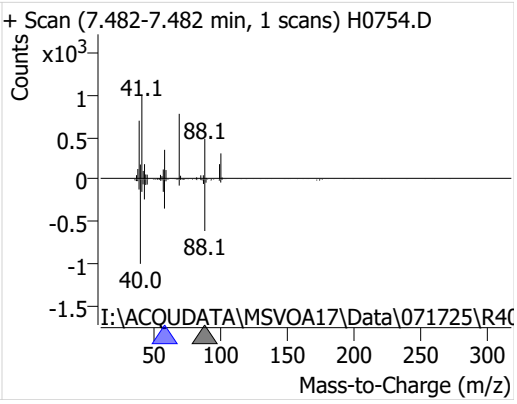


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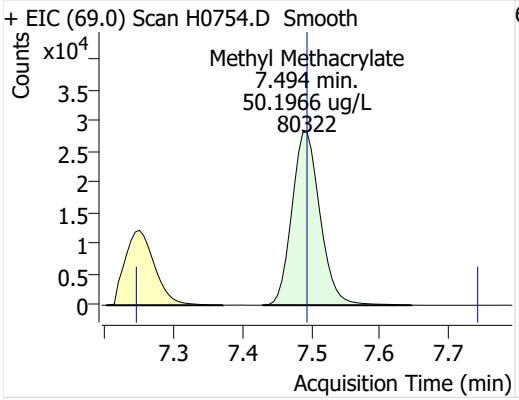
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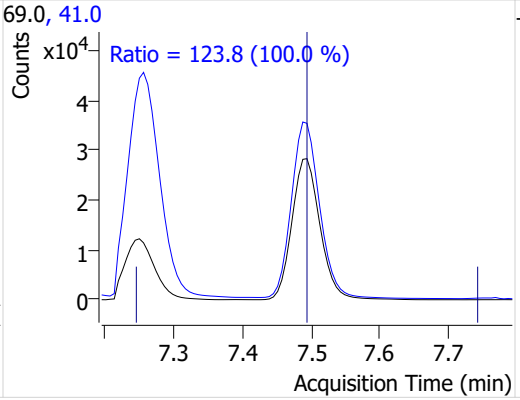


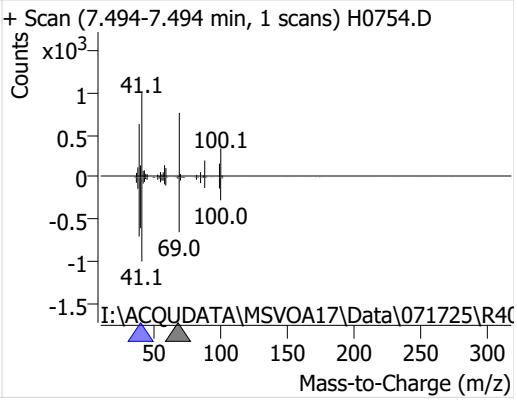




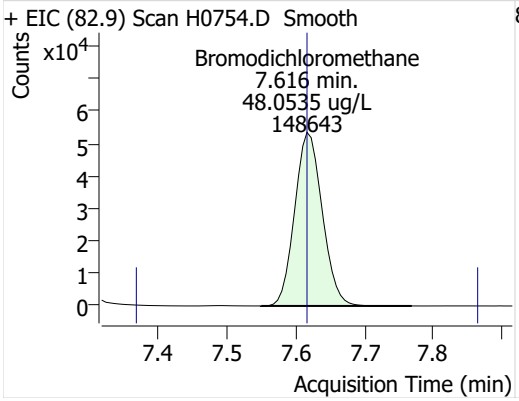
Methyl Methacrylate

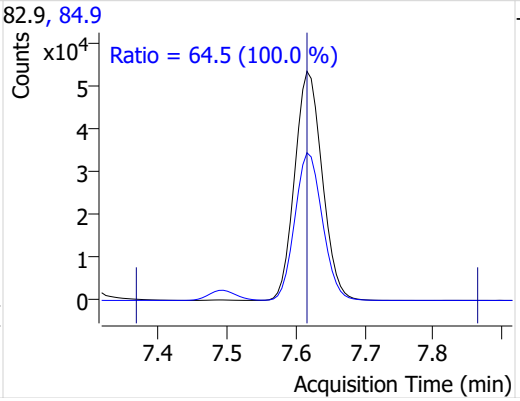


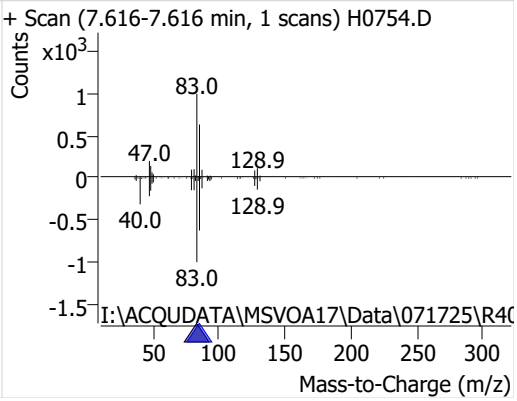




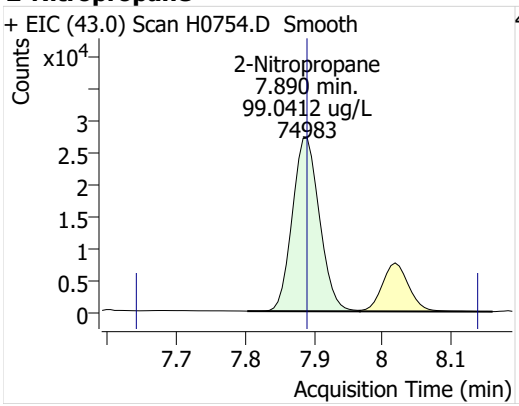
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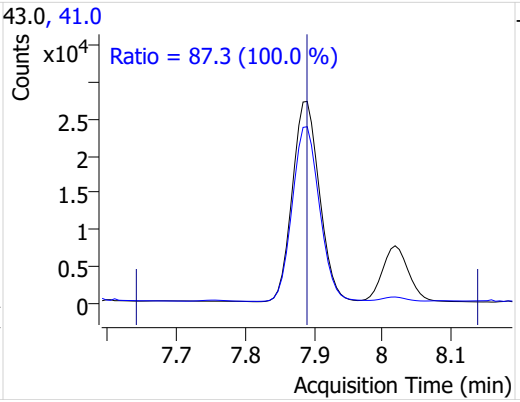


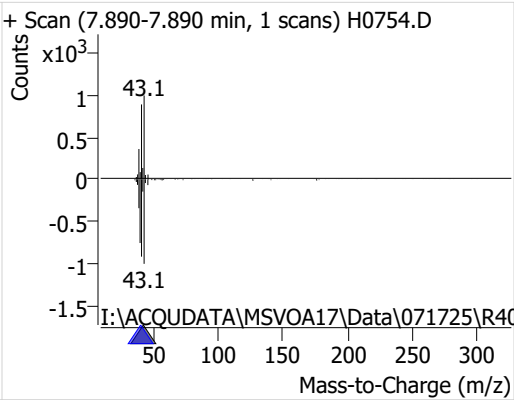




2-Nitropropane

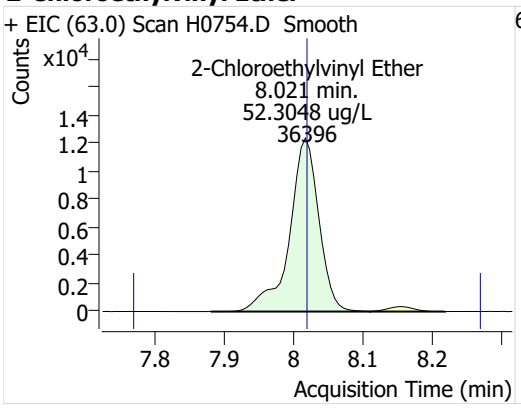


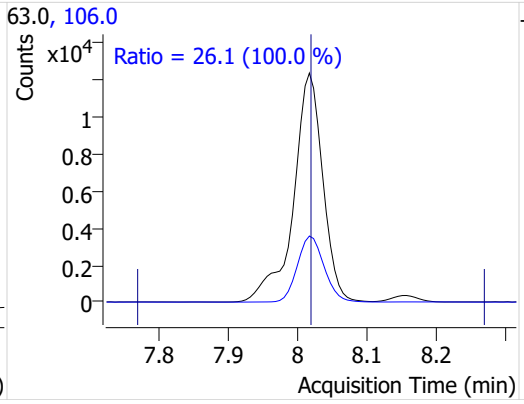


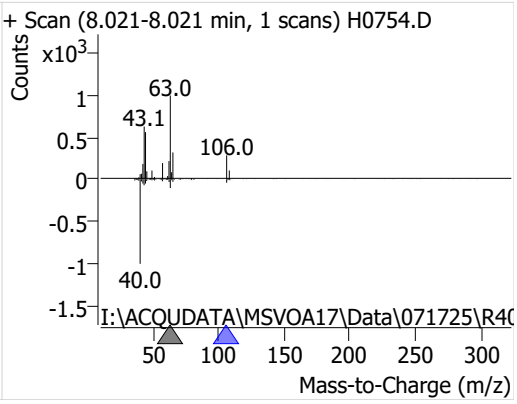


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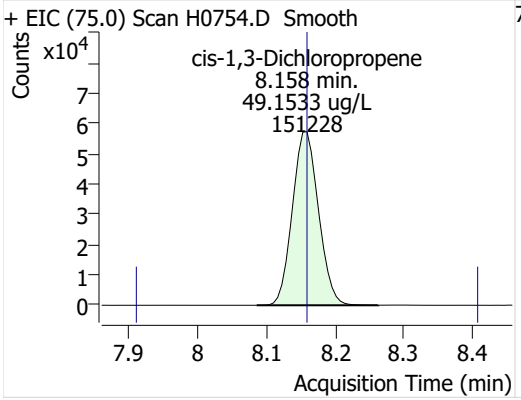
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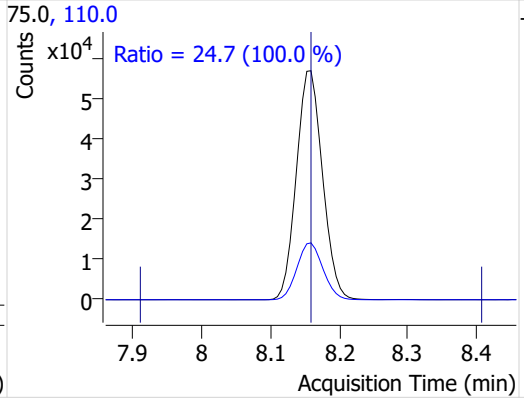


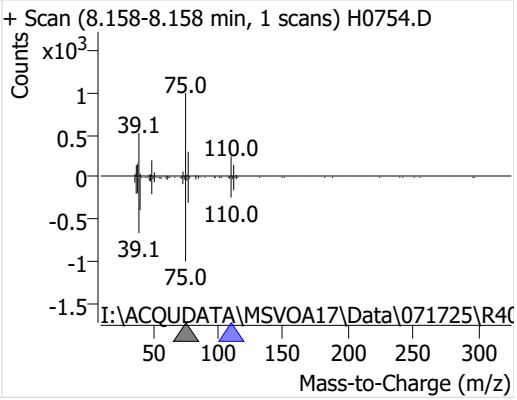




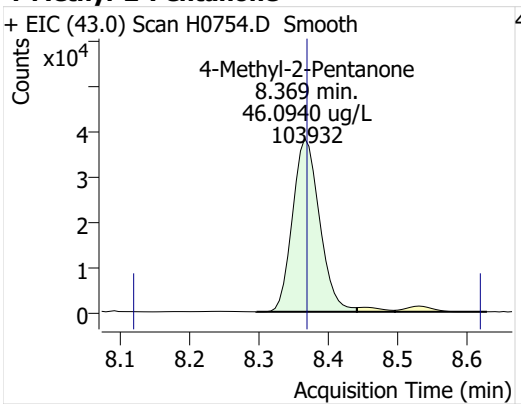
cis-1,3-Dichloropropene

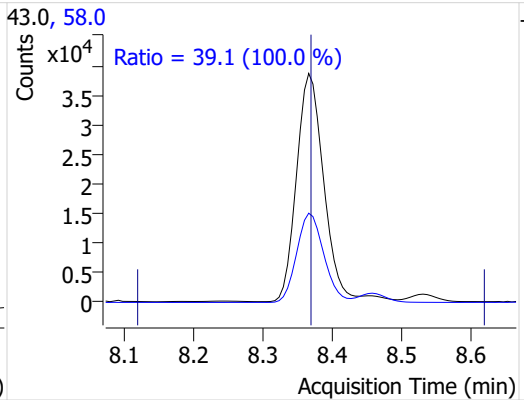


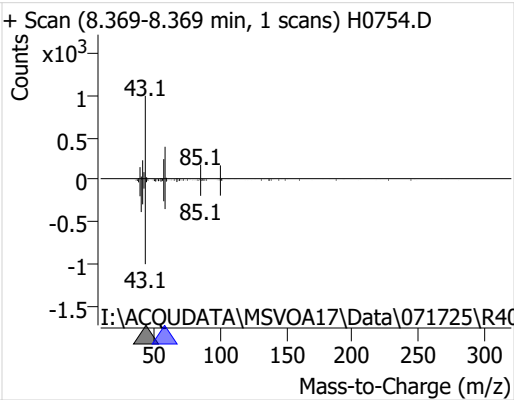




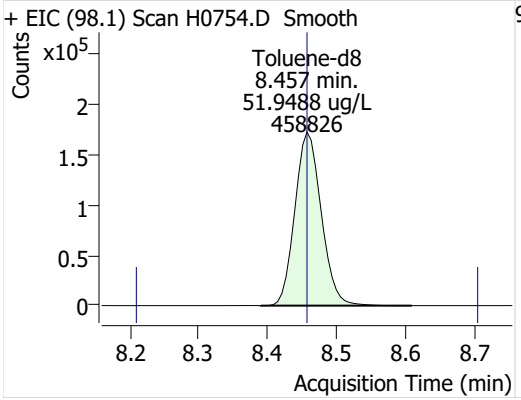
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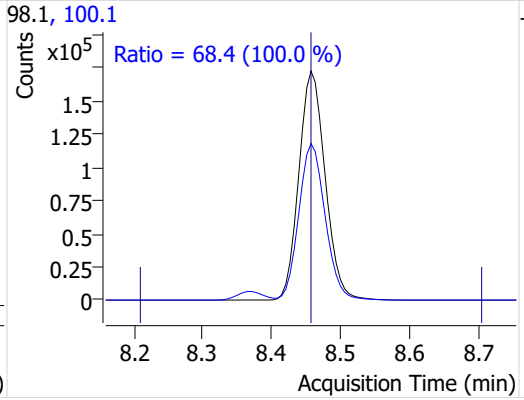


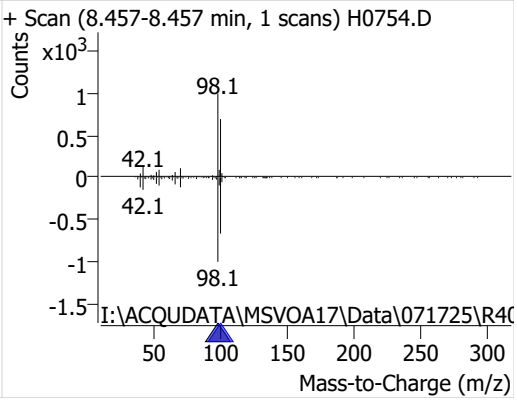




Toluene-d8

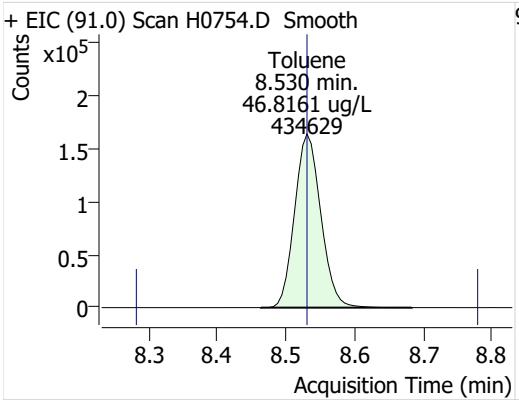


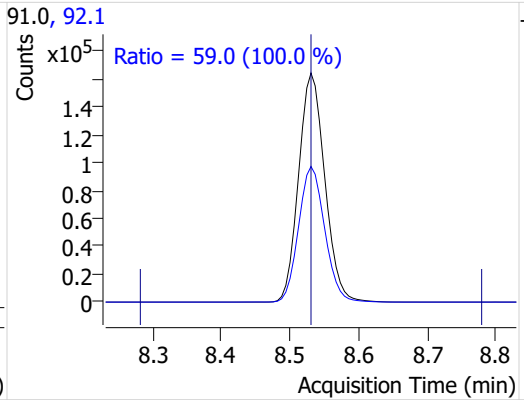


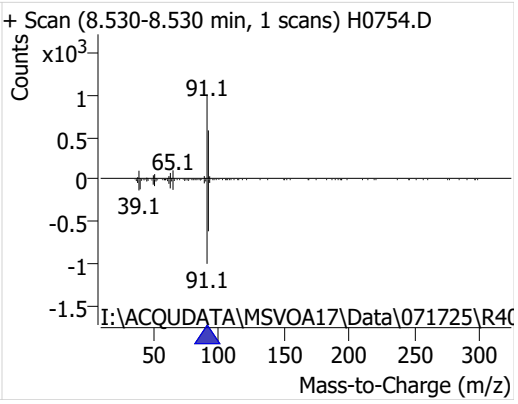


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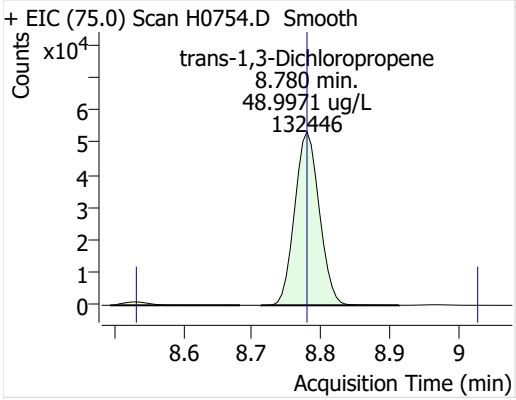
Toluene

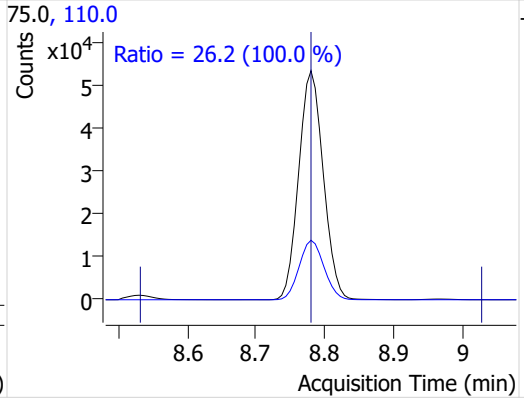


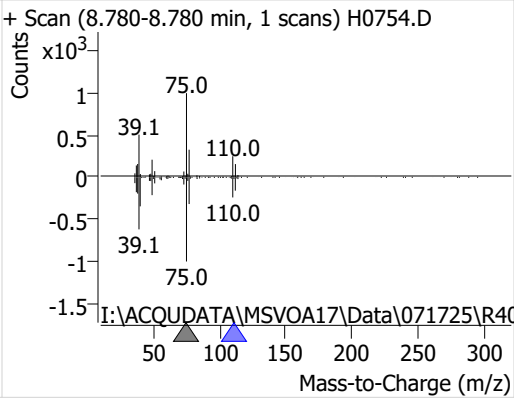




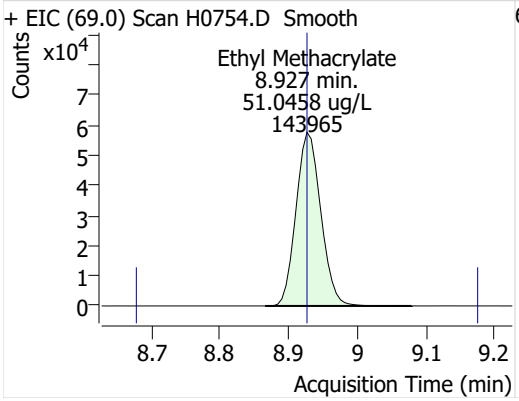
trans-1,3-Dichloropropene

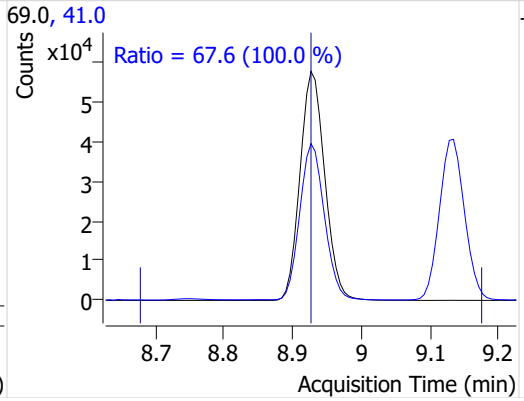


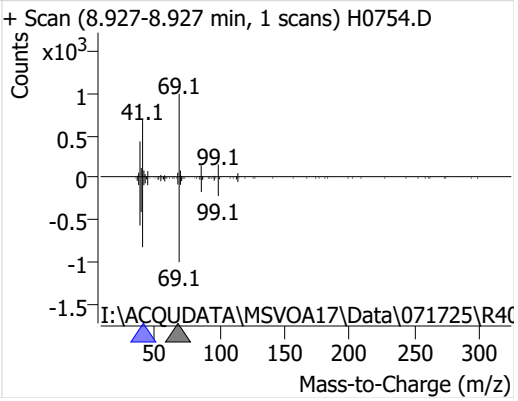




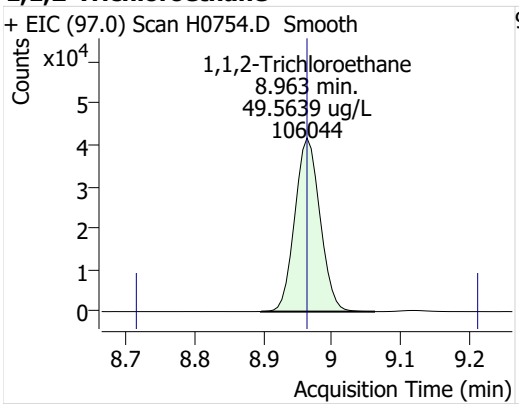
Ethyl Methacrylate

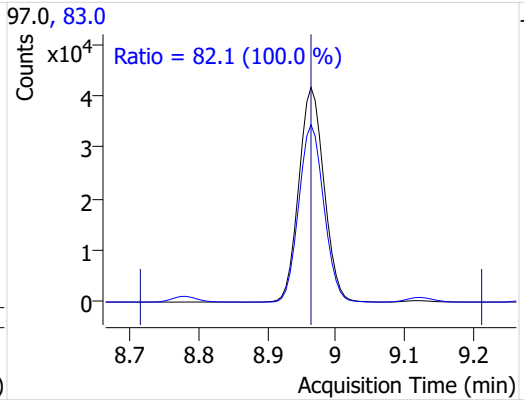


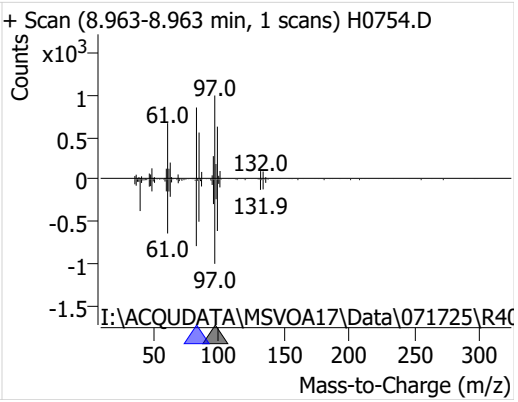




1,1,2-Trichloroethane

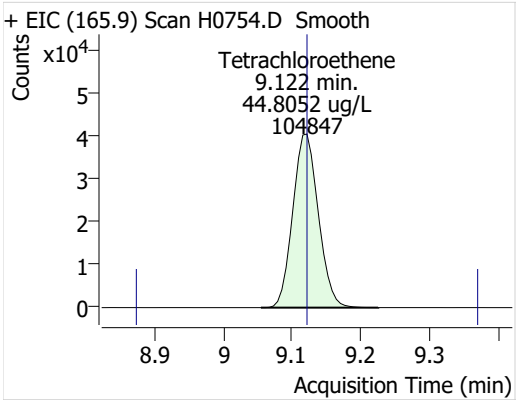


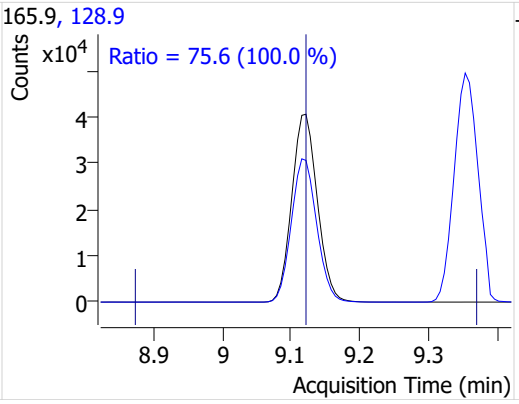


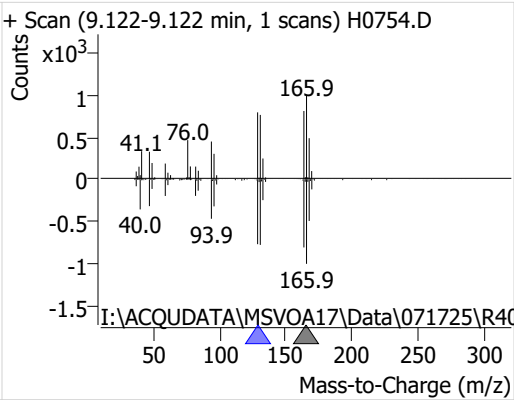


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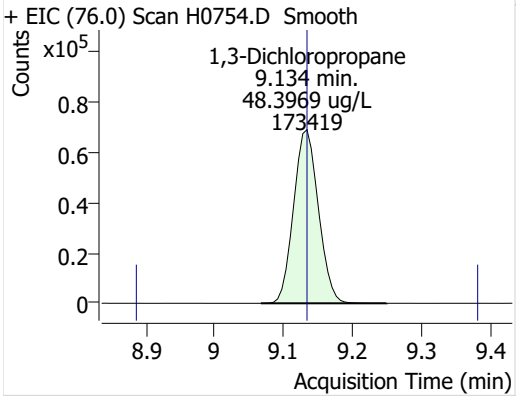
Tetrachloroethene

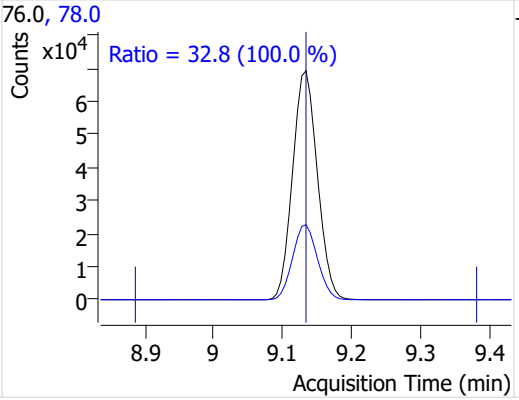


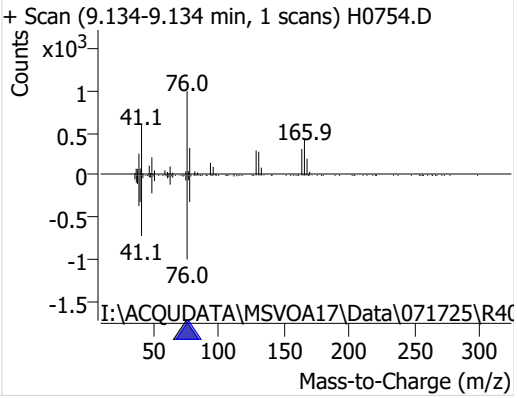




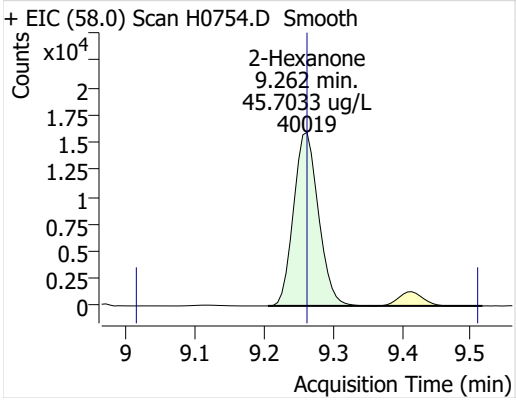
1,3-Dichloropropane

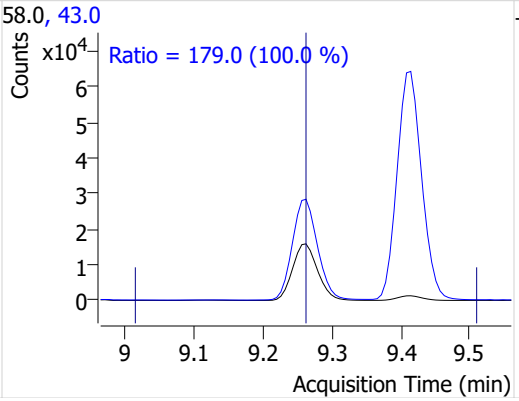


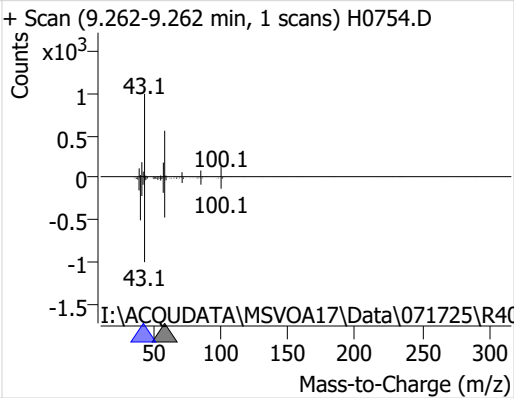




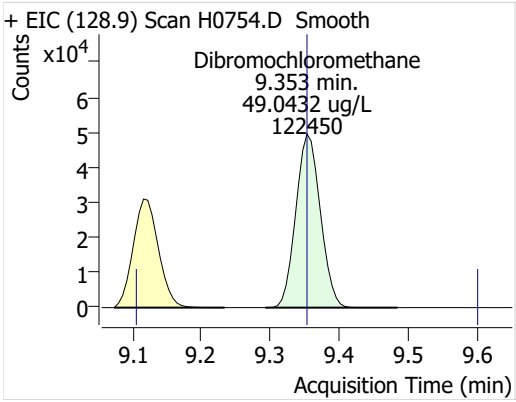
2-Hexanone

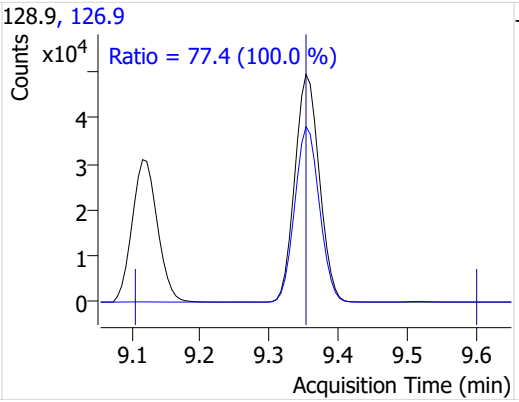


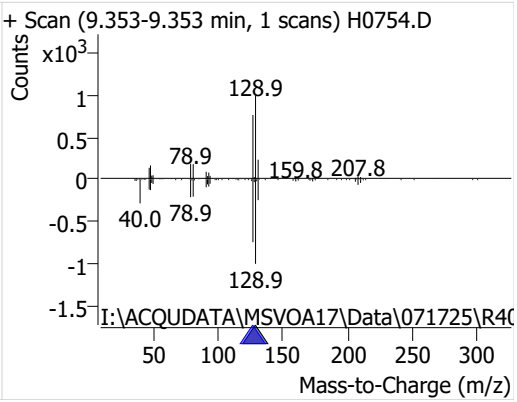




Dibromochloromethane

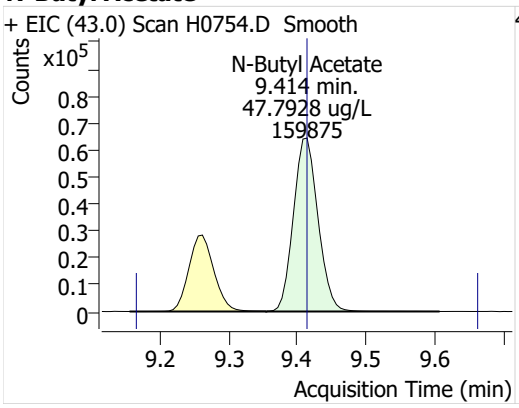


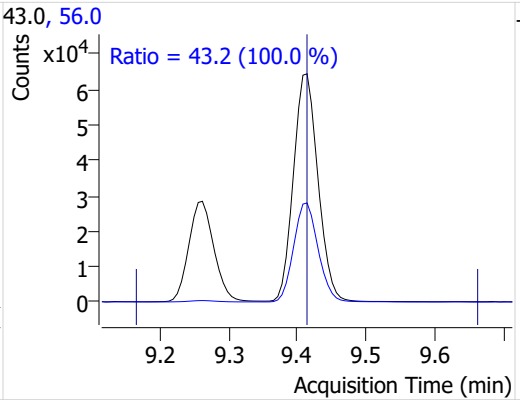


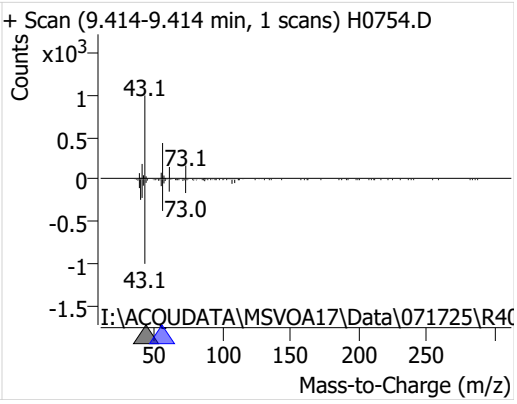


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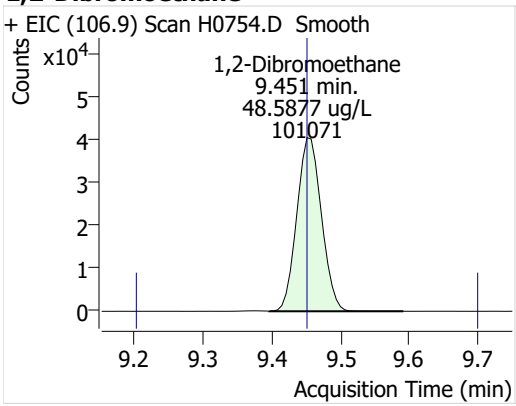
N-Butyl Acetate

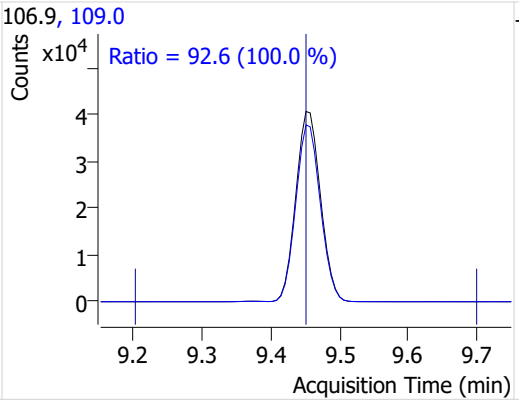


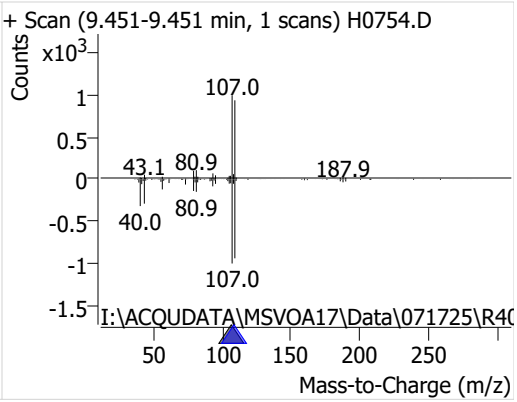




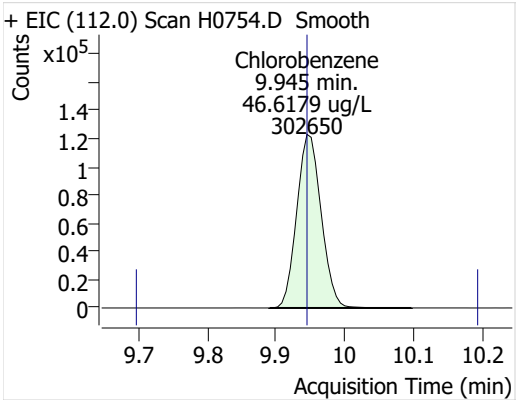
1,2-Dibromoethane

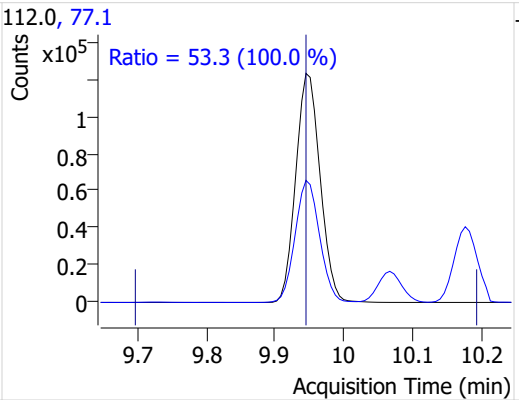


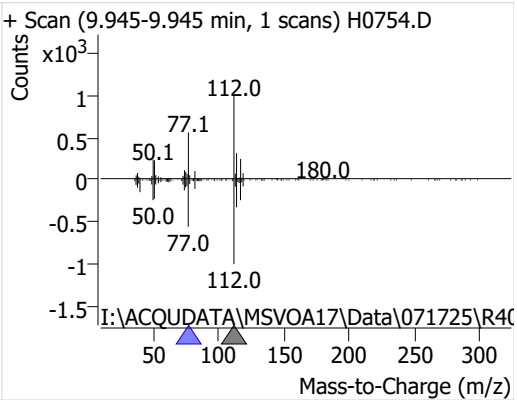




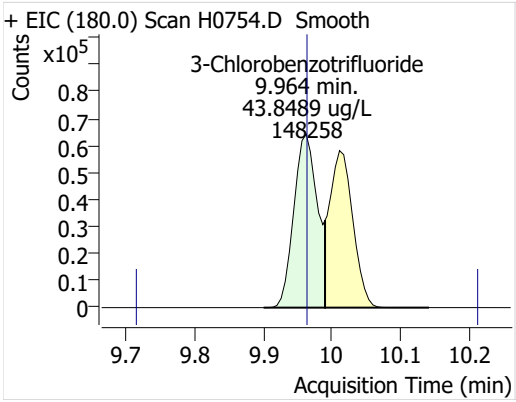
Chlorobenzene

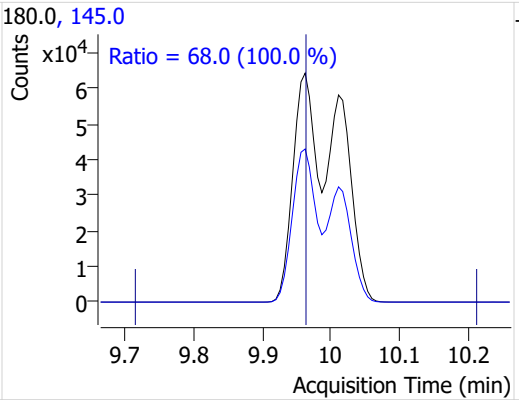


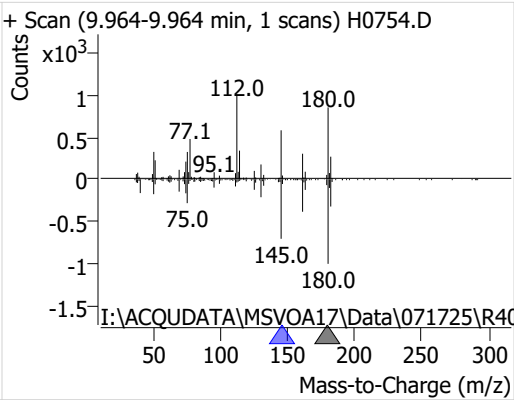




3-Chlorobenzotrifluoride

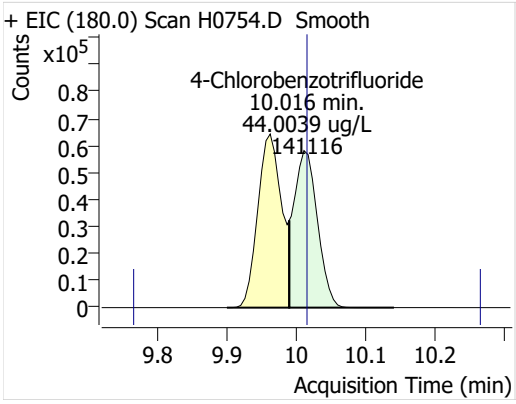


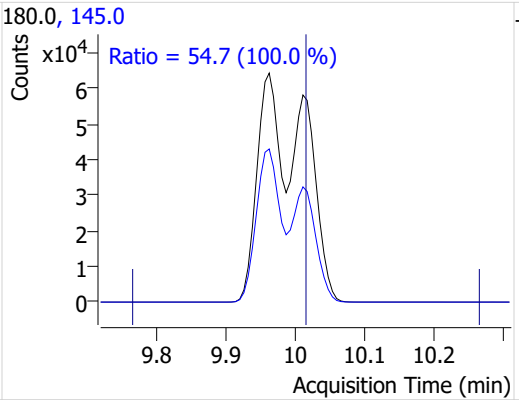


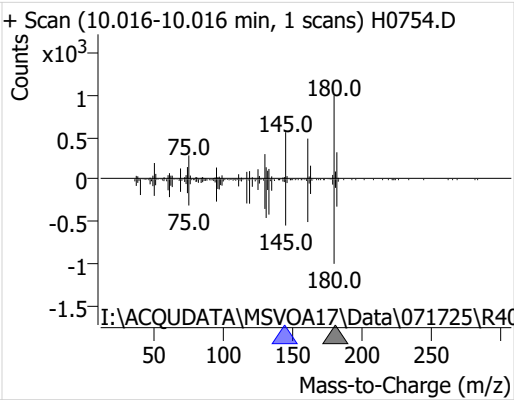


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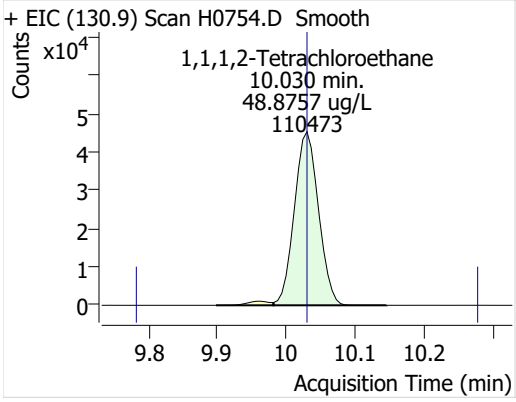
4-Chlorobenzotrifluoride

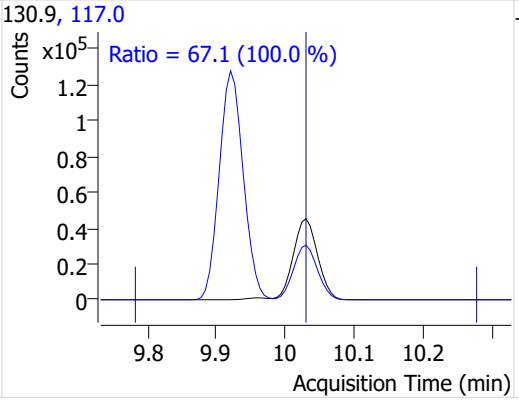


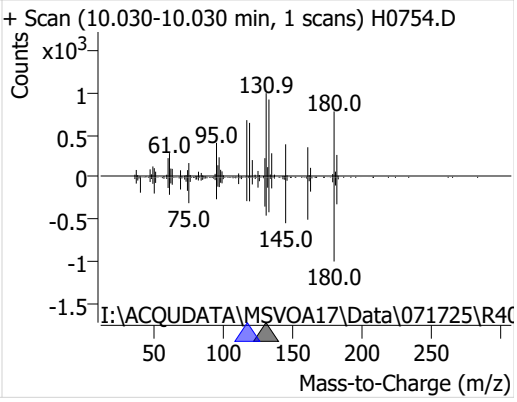




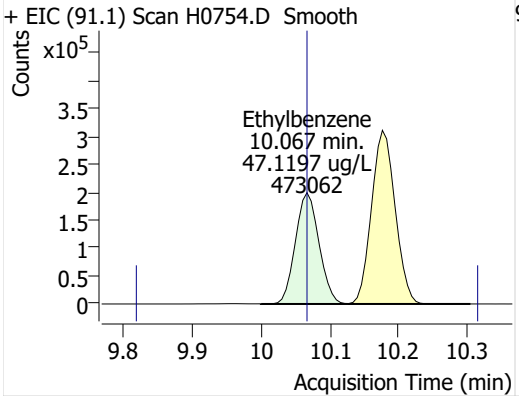
1,1,1,2-Tetrachloroethane

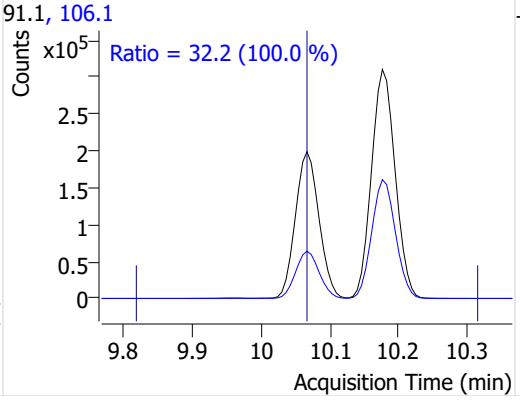


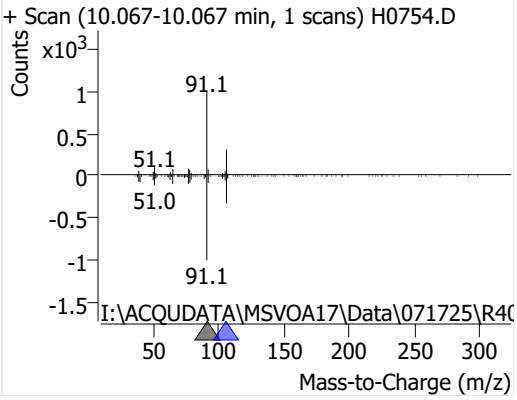




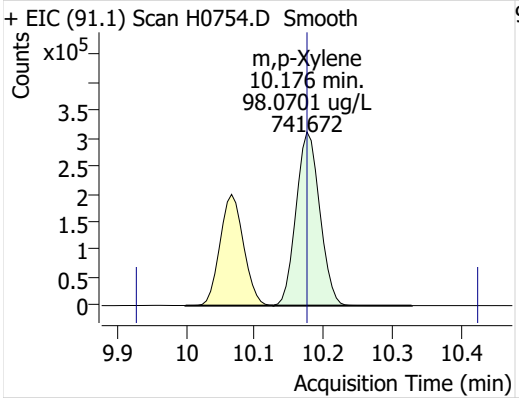
Ethylbenzene

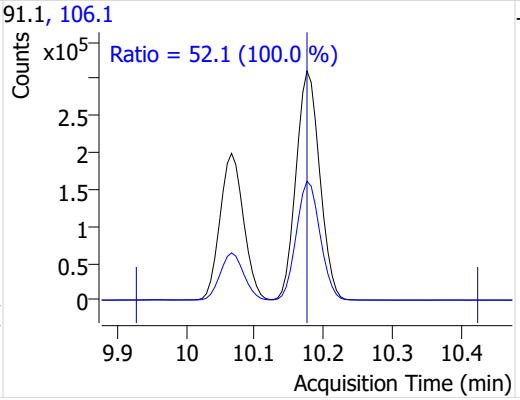


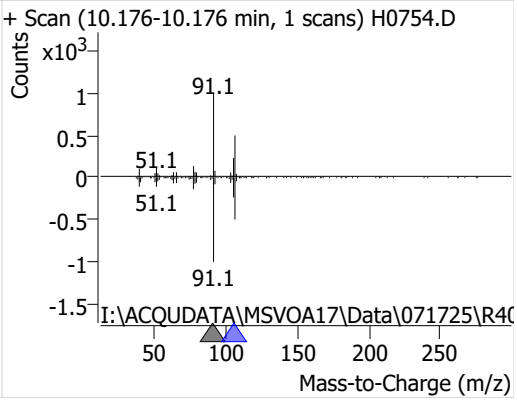




m,p-Xylene

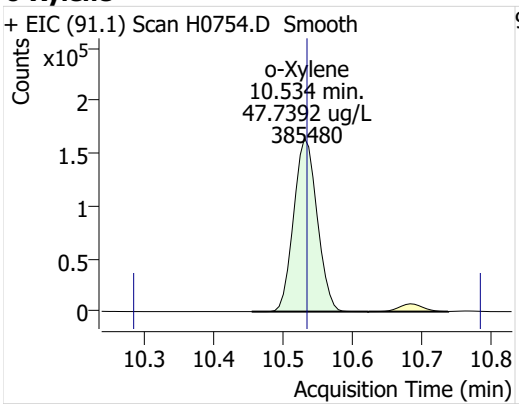


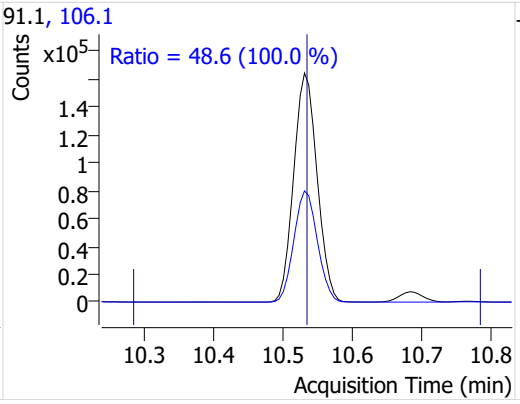


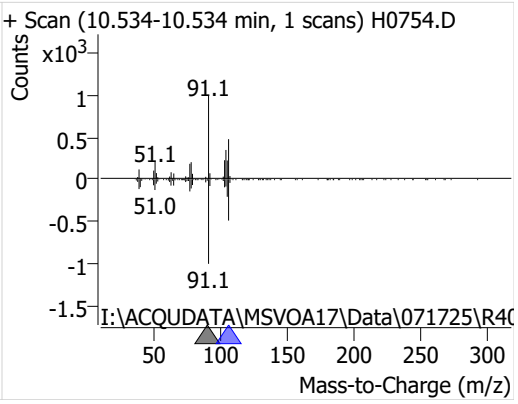


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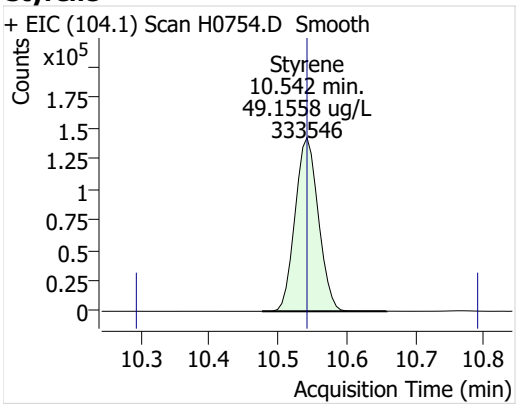
o-Xylene

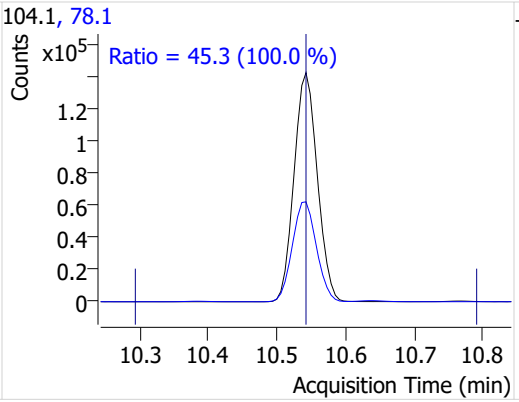


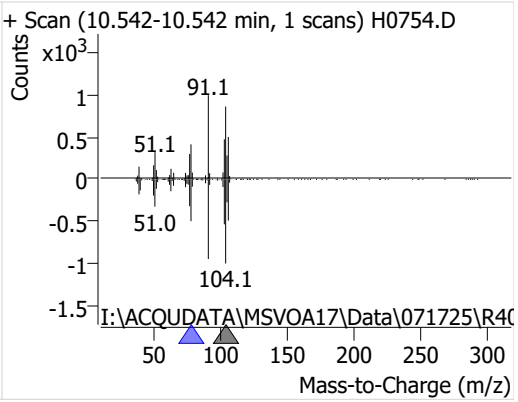




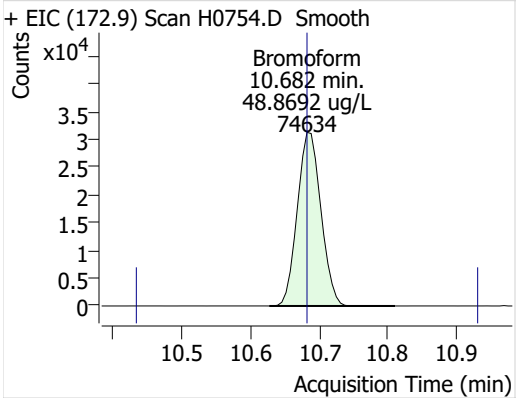
Styrene

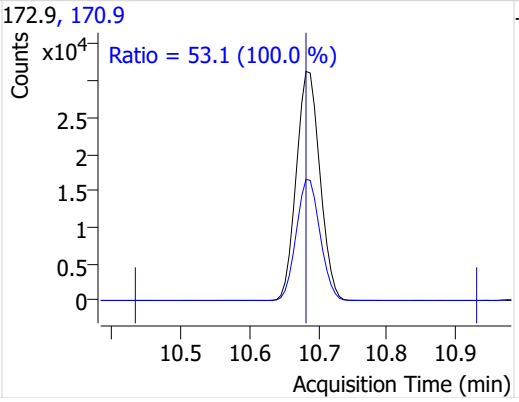


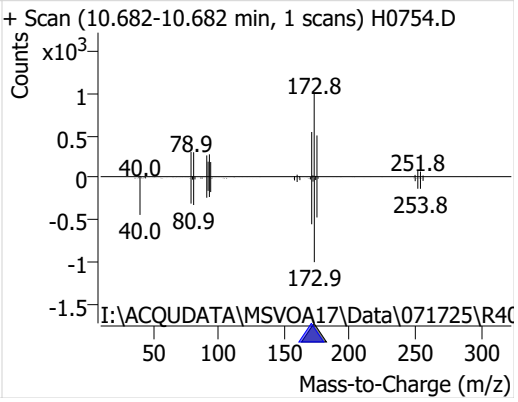




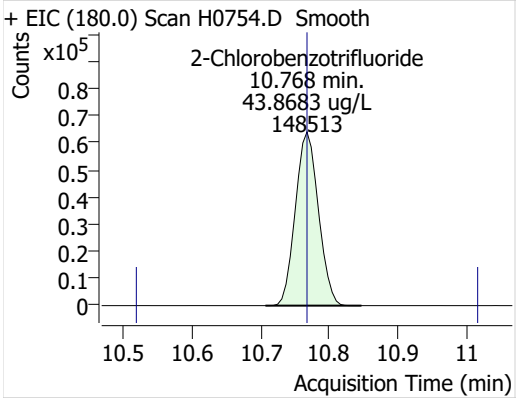
Bromoform

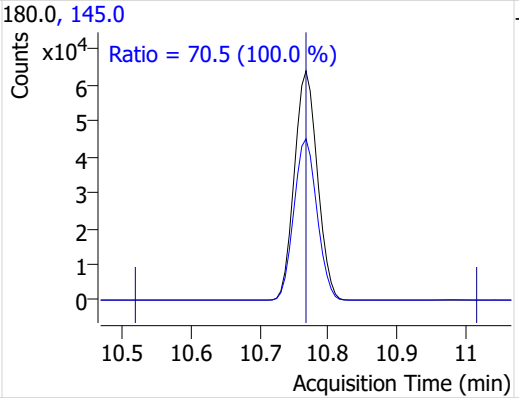


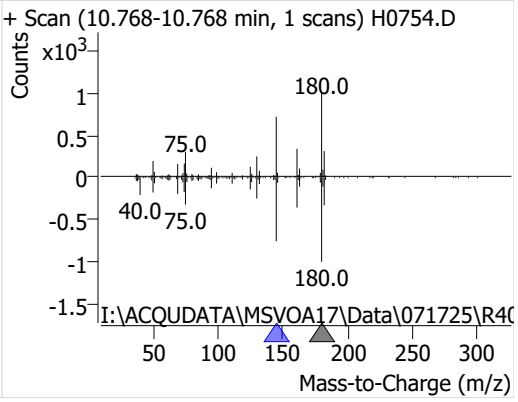




2-Chlorobenzotrifluoride

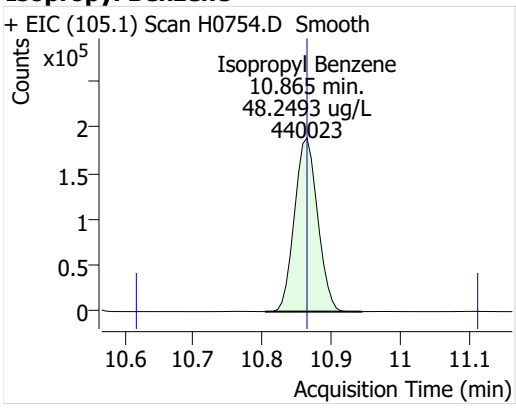


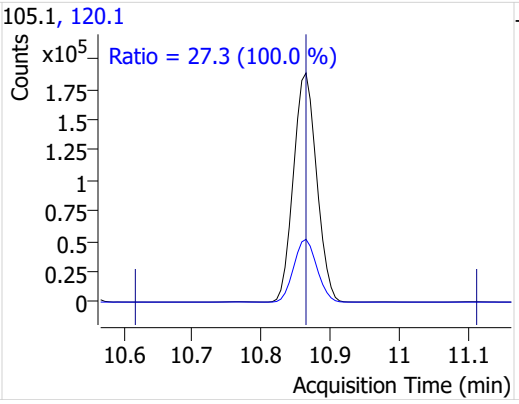


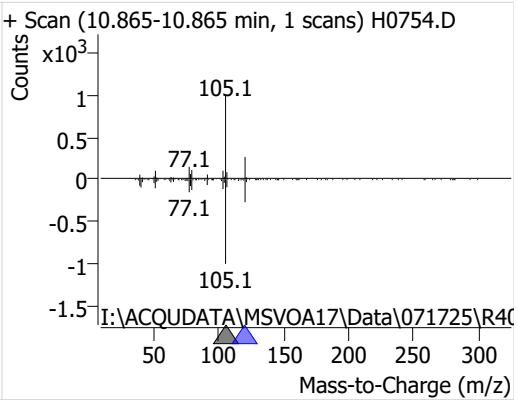


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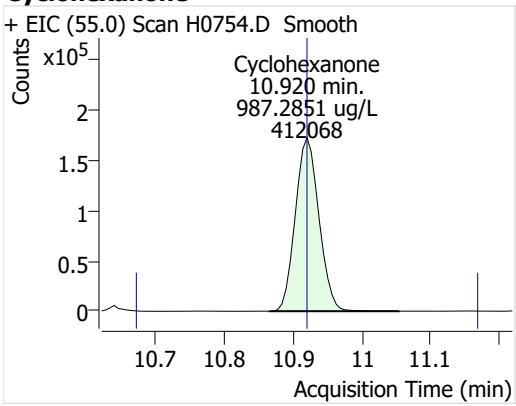
Isopropyl Benzene

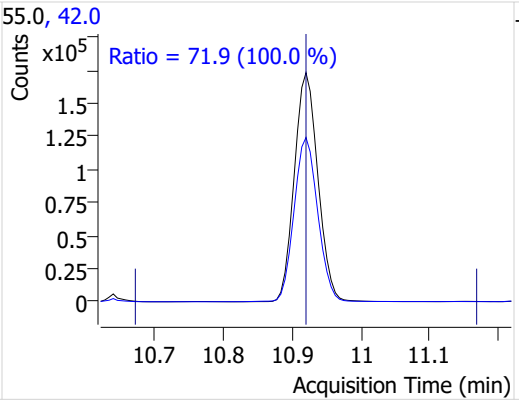


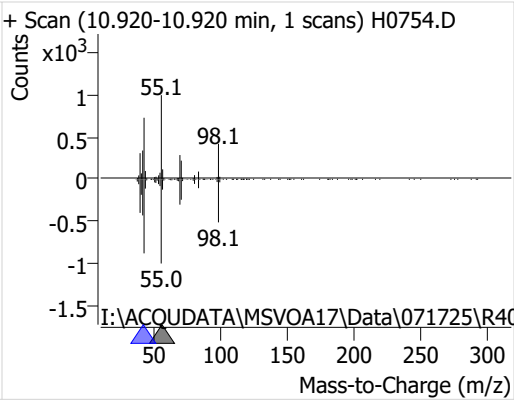




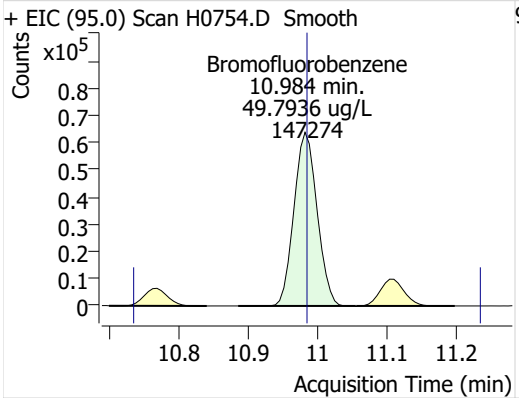
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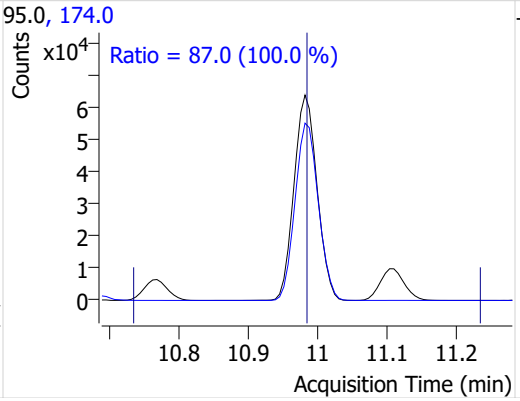


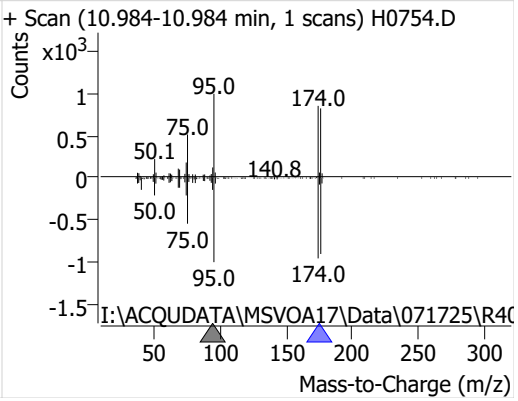




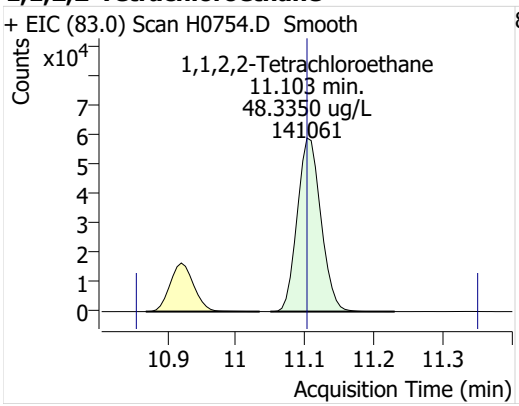
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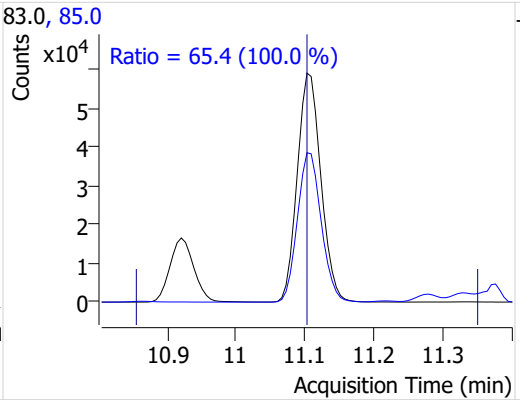


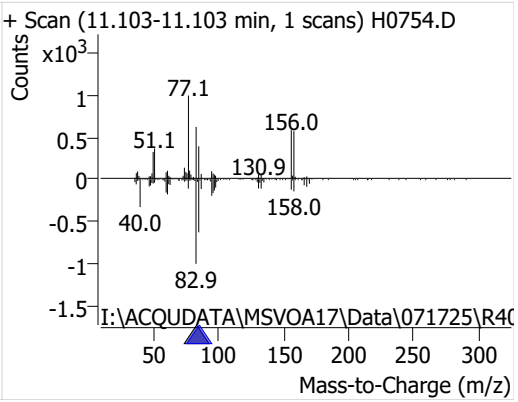




1,1,2,2-Tetrachloroethane

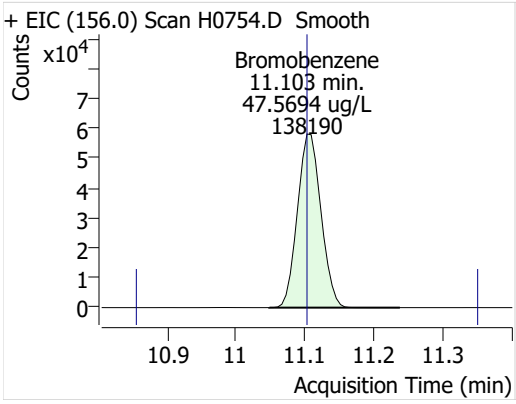


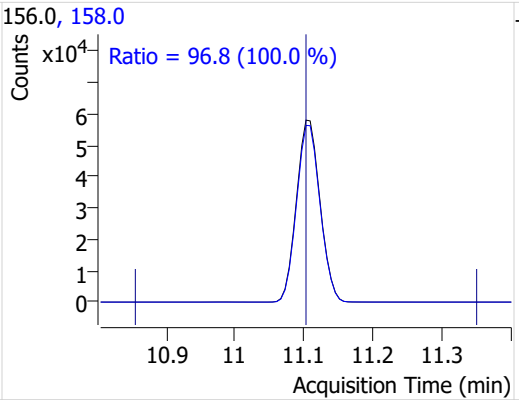


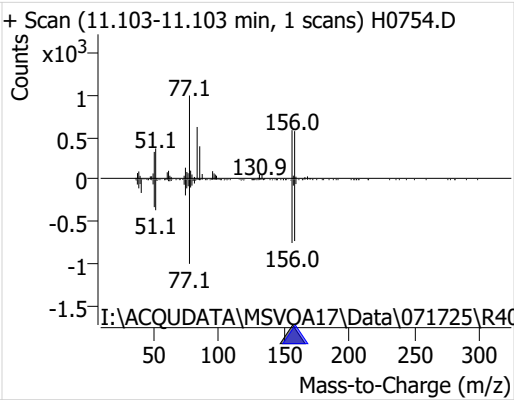


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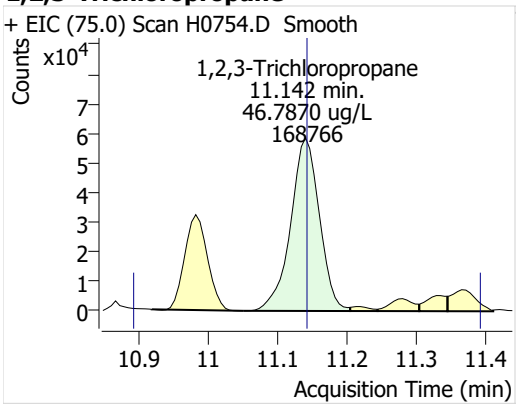
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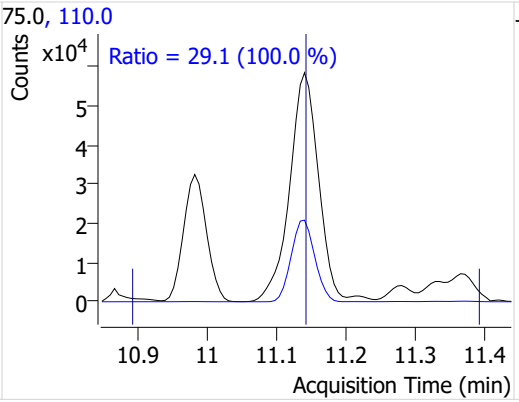


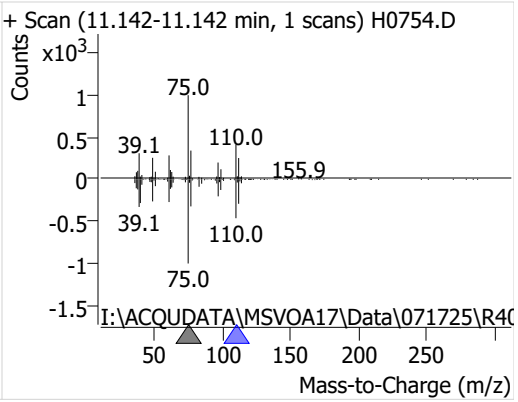




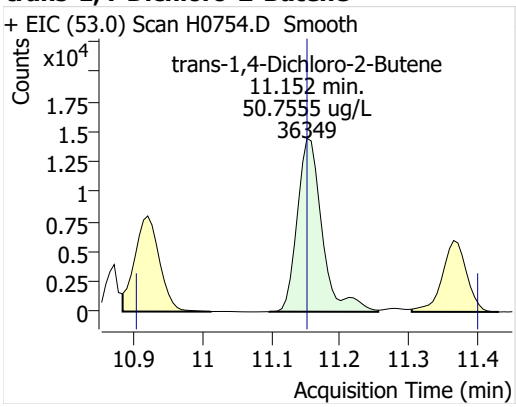
1,2,3-Trichloropropane

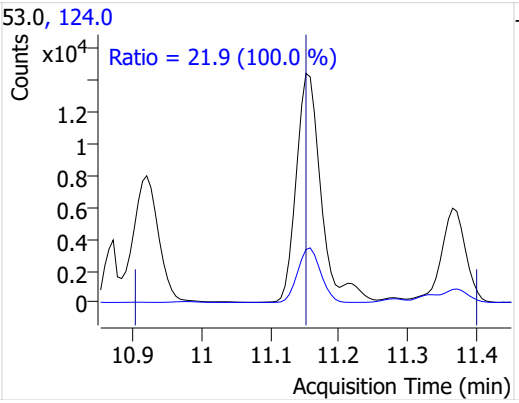


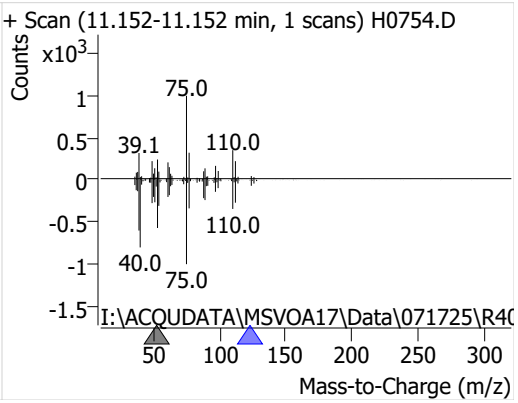




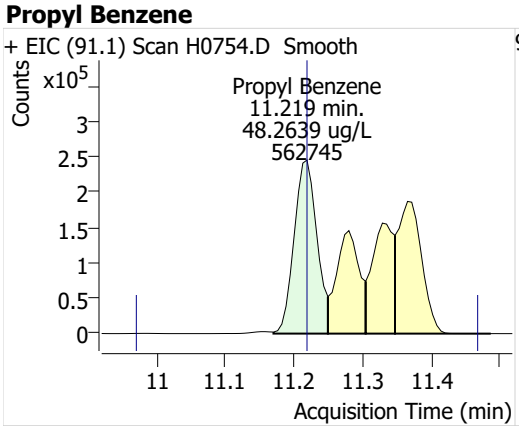
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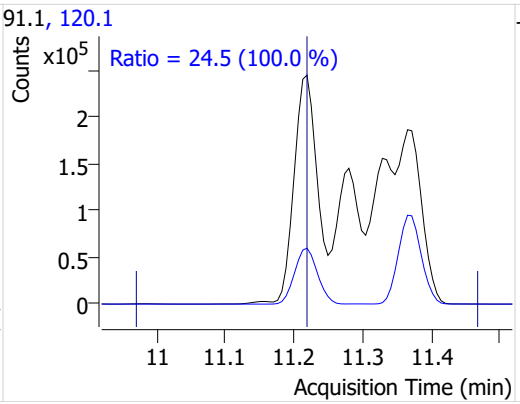


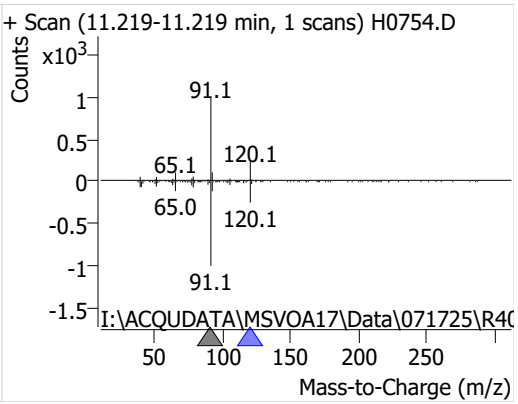




Propyl Benzene

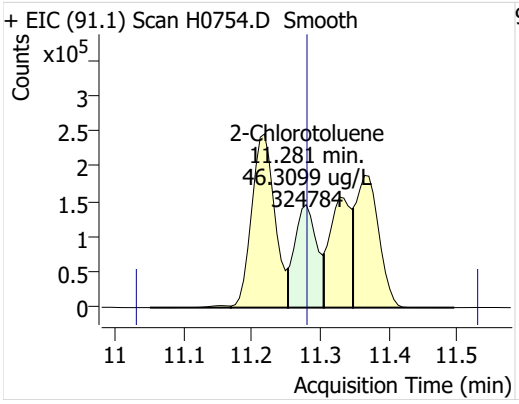


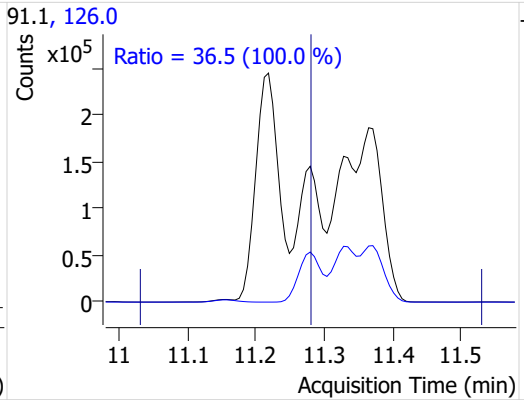


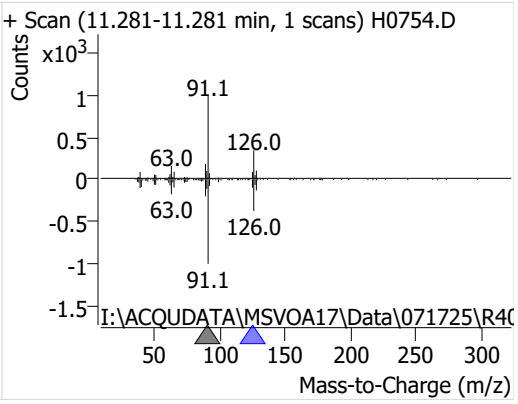


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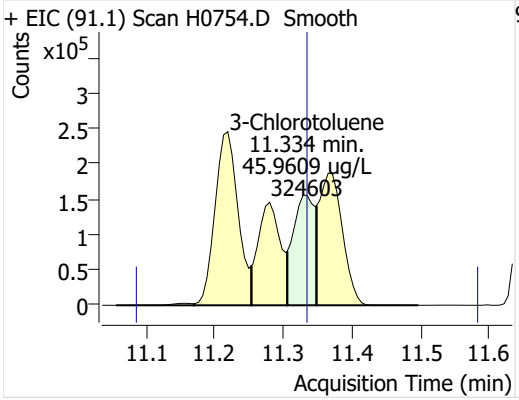
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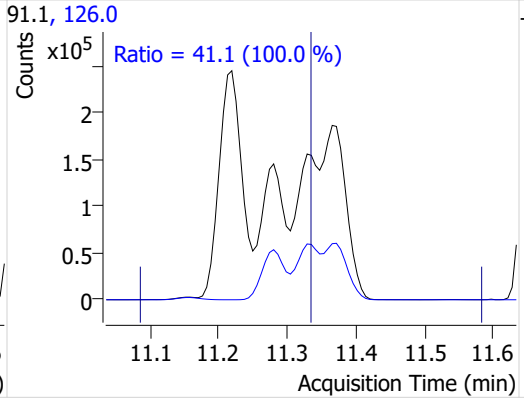


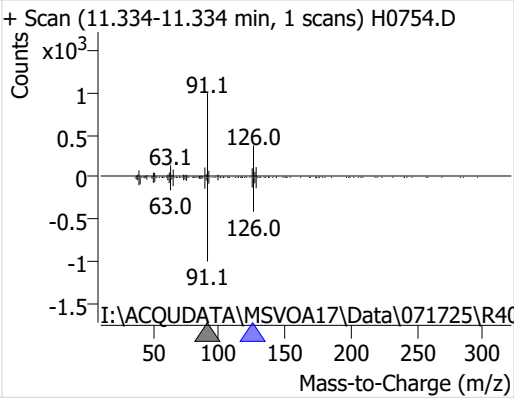




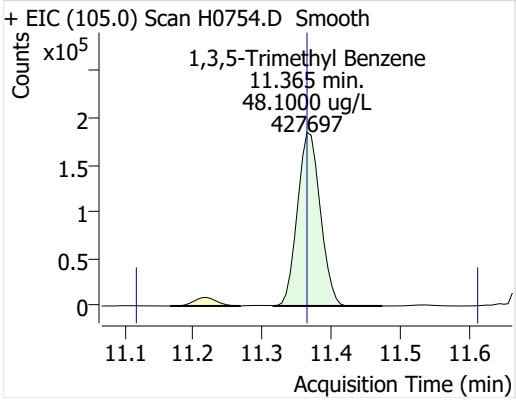
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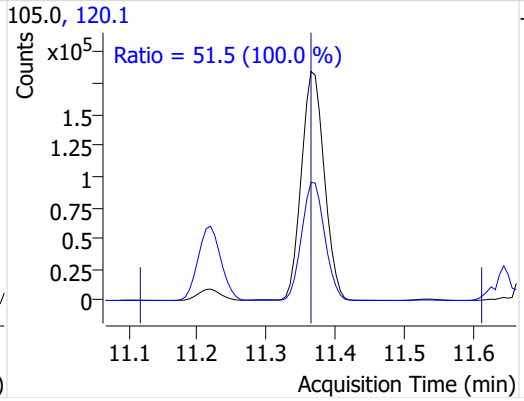


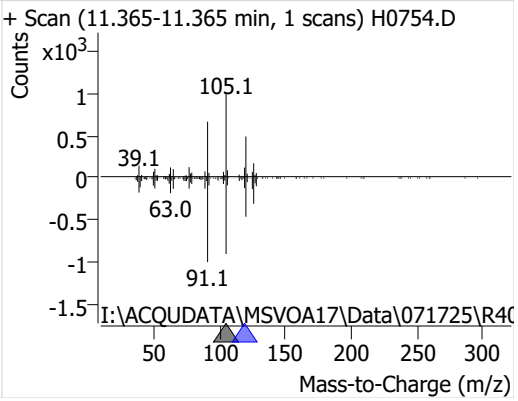




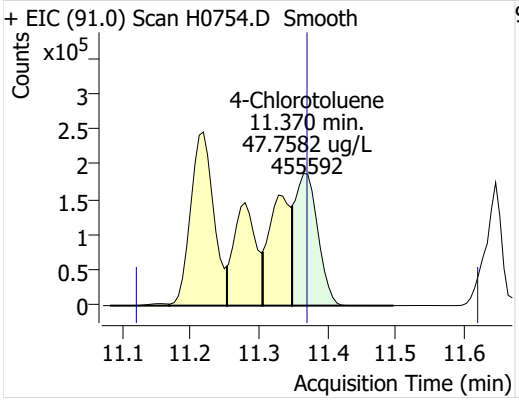
1,3,5-Trimethyl Benzene

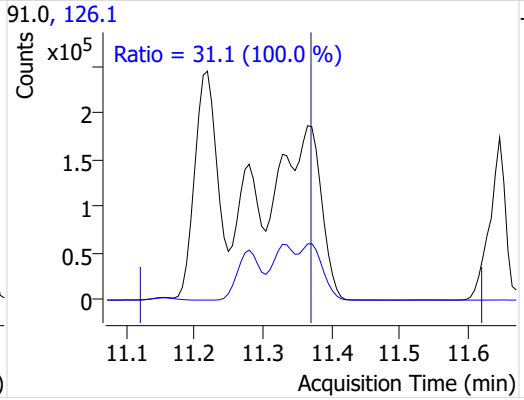


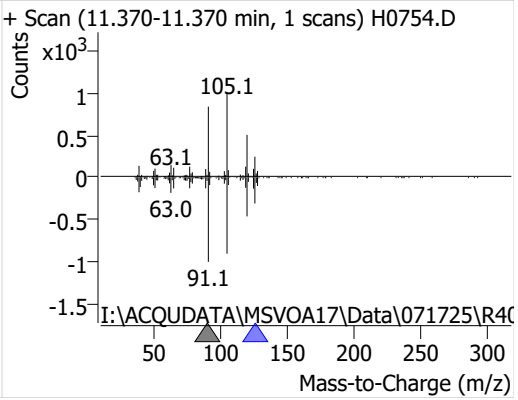




4-Chlorotoluene

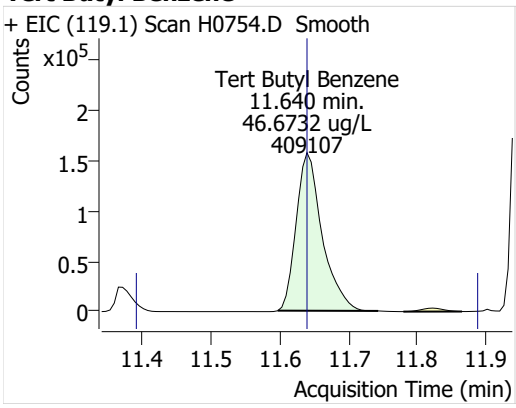


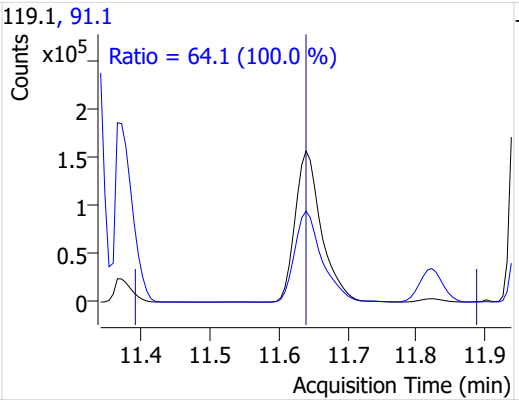


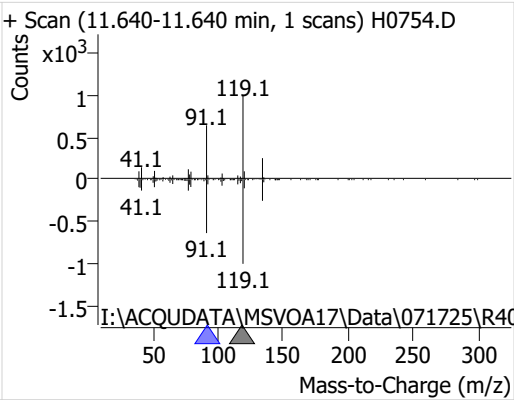


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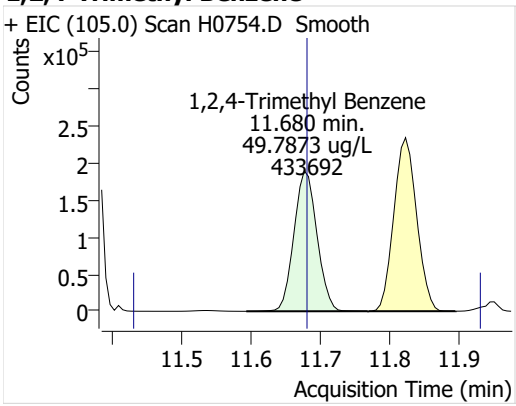
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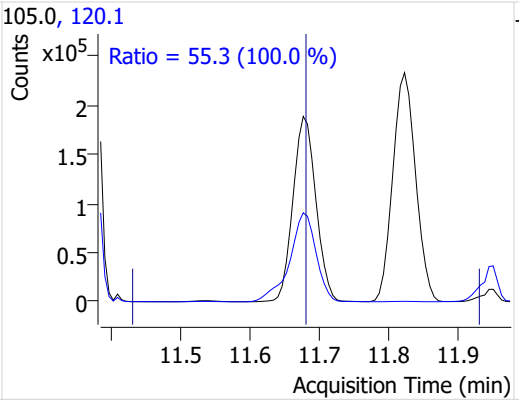


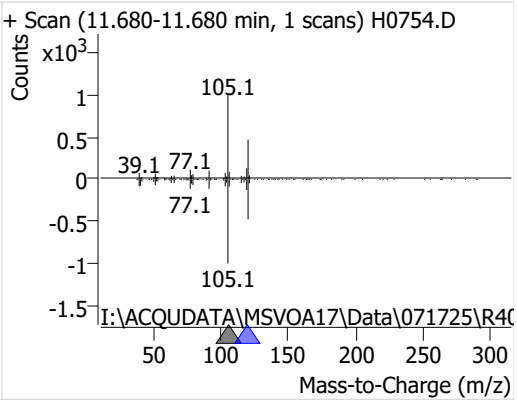




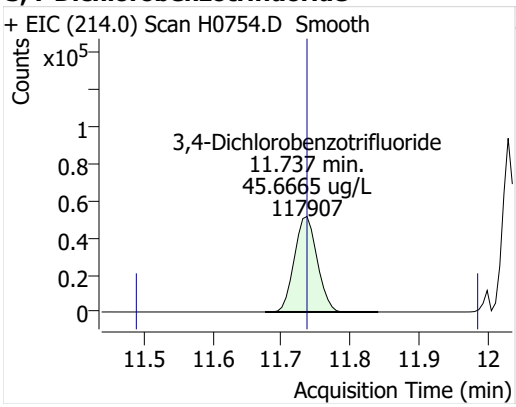
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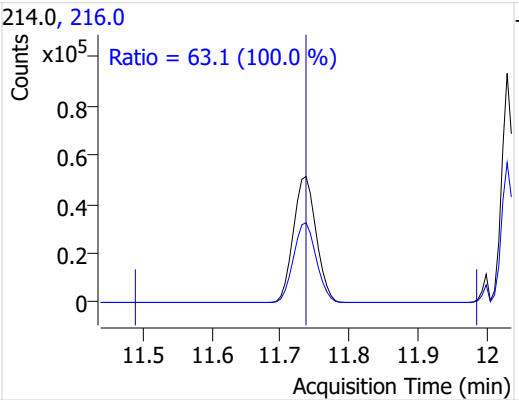


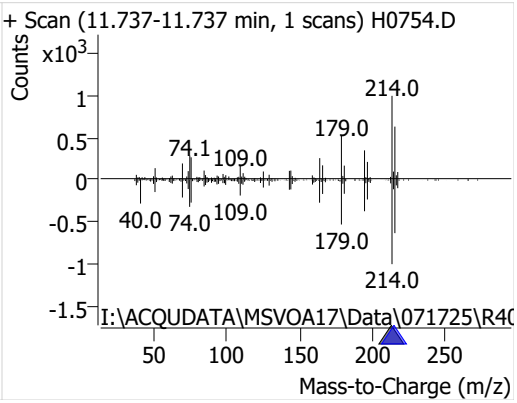




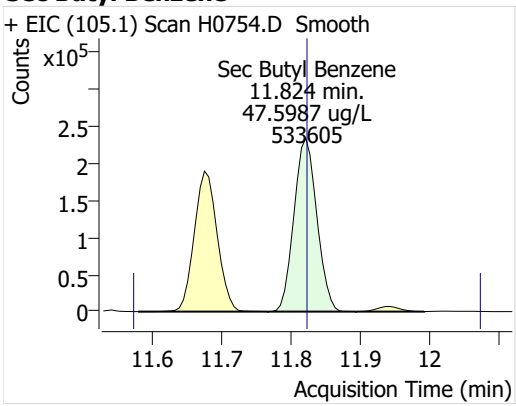
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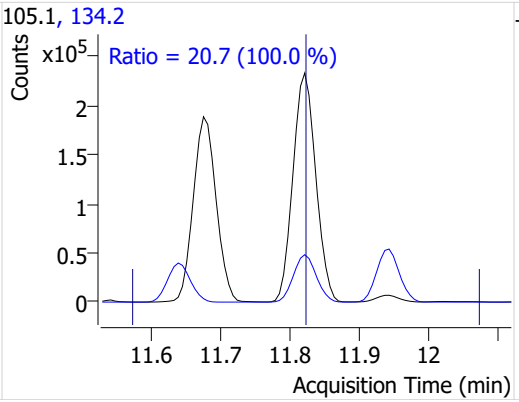


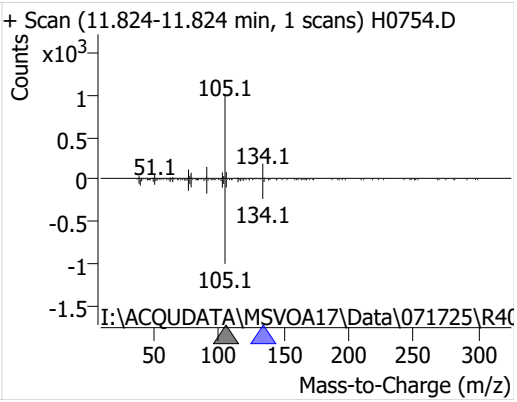




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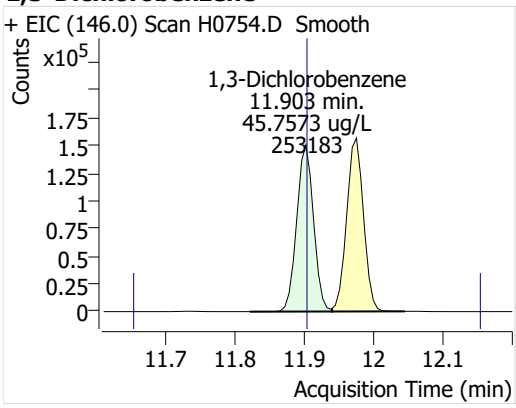


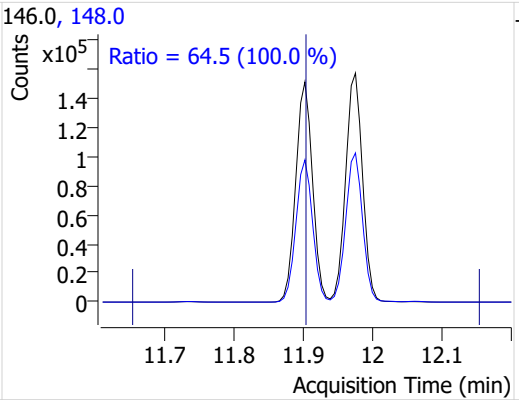


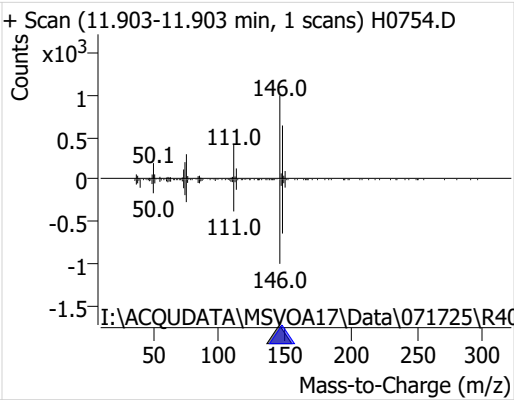


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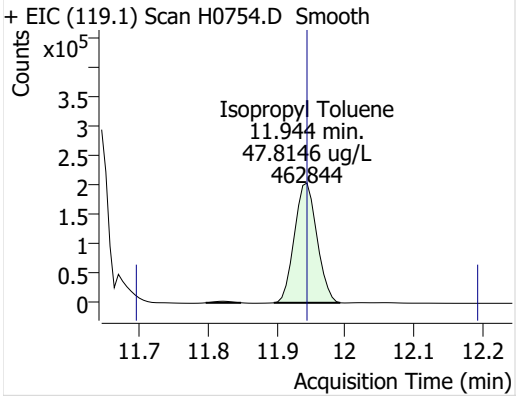
1,3-Dichlorobenzene

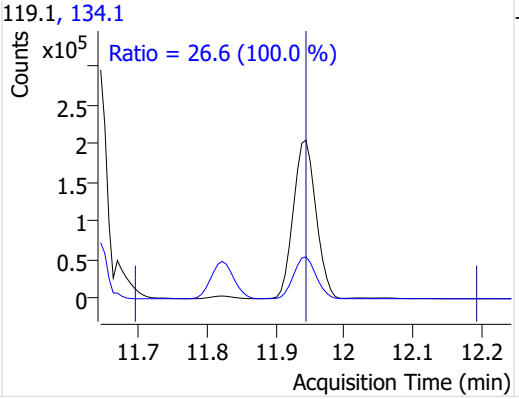


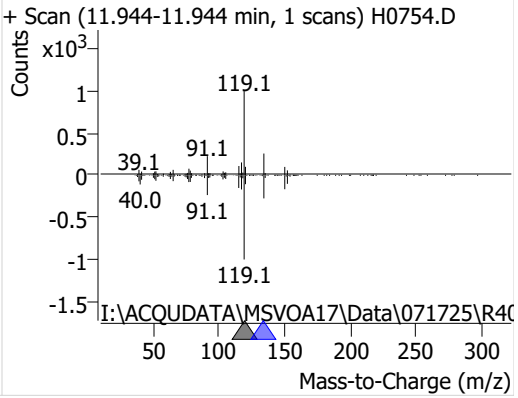




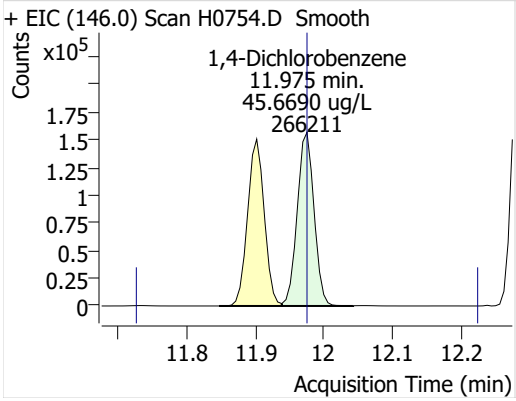
Isopropyl Toluene

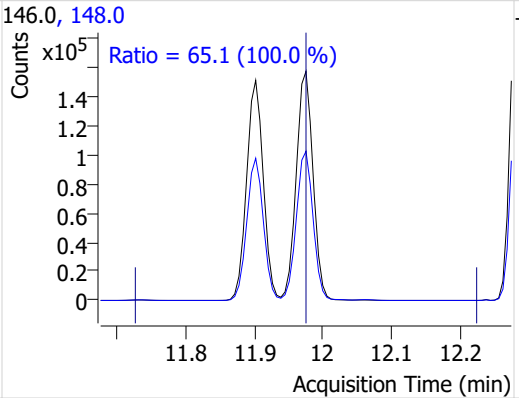


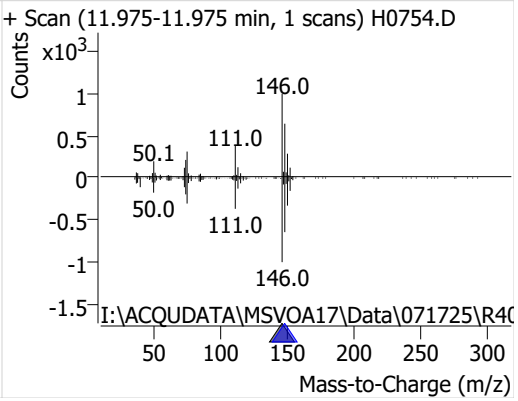




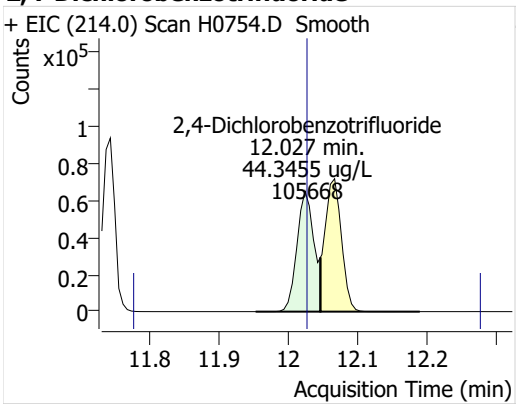
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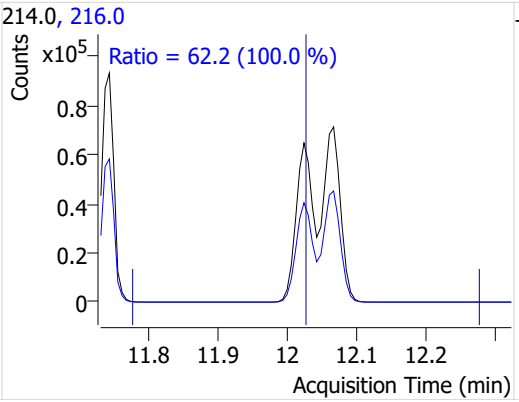


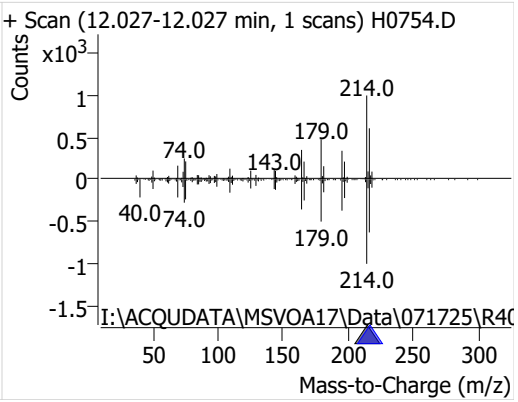




2,4-Dichlorobenzotrifluoride

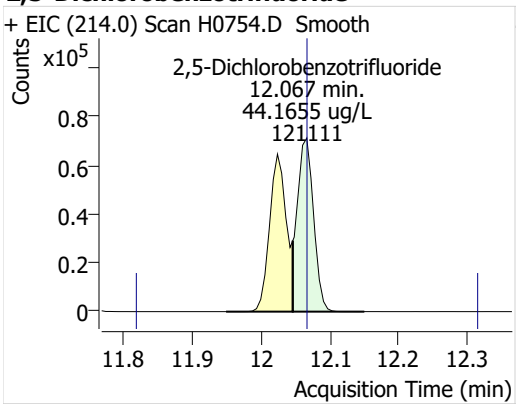


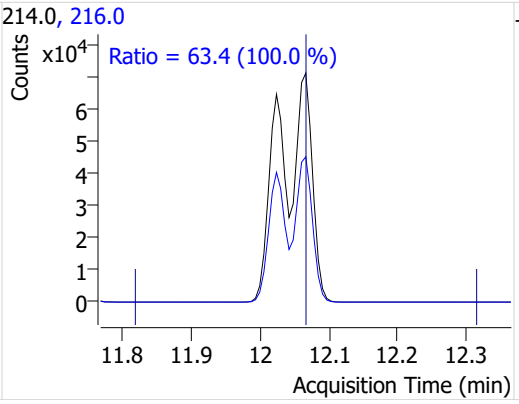


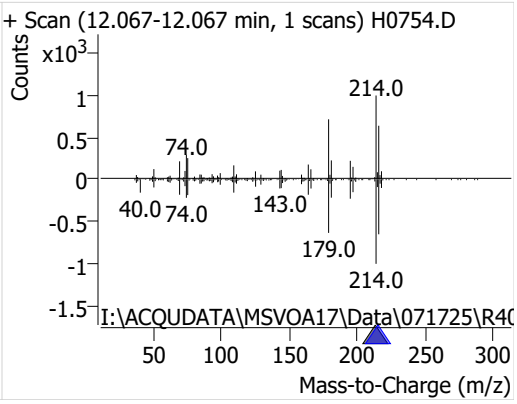


Masshunter Quantitative Analysis Sample Report

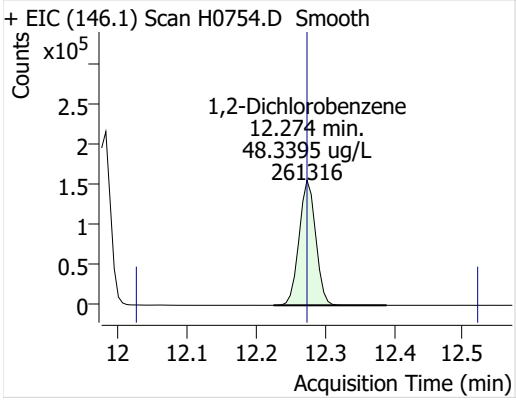
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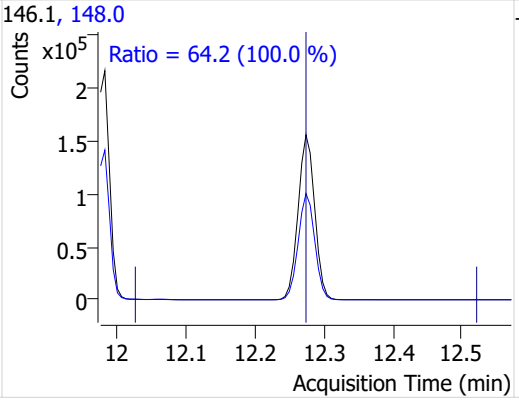


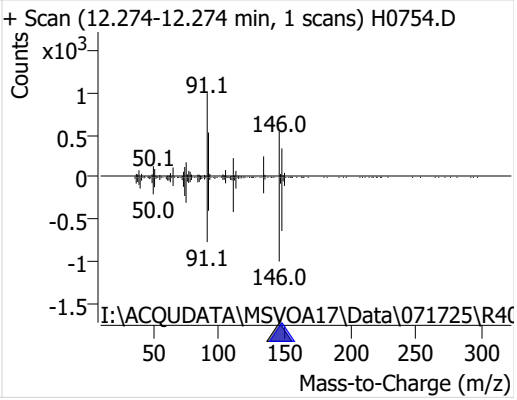




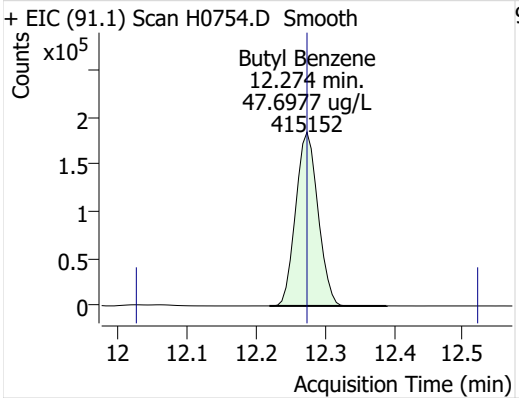
1,2-Dichlorobenzene

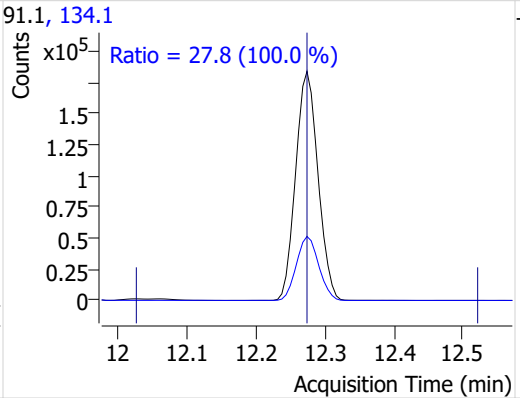


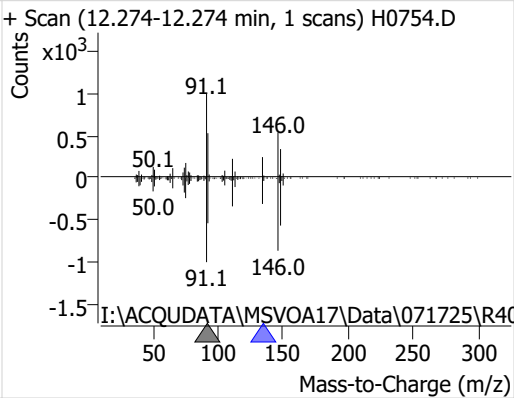




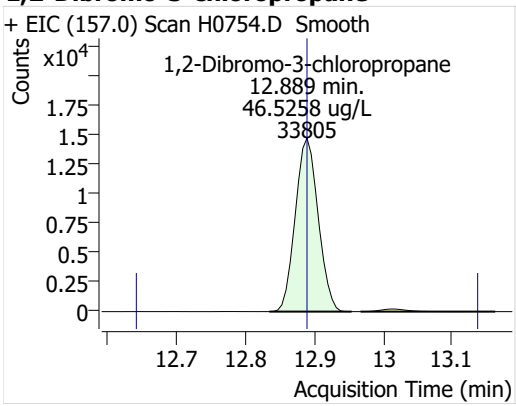
Butyl Benzene

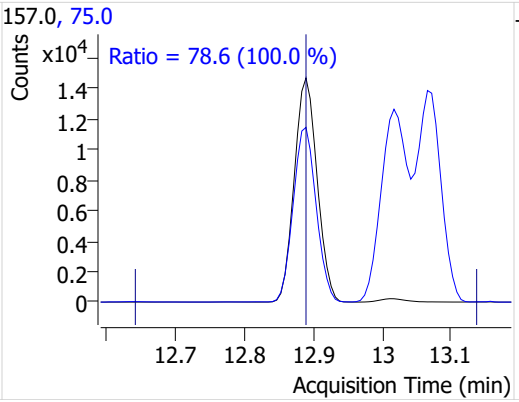


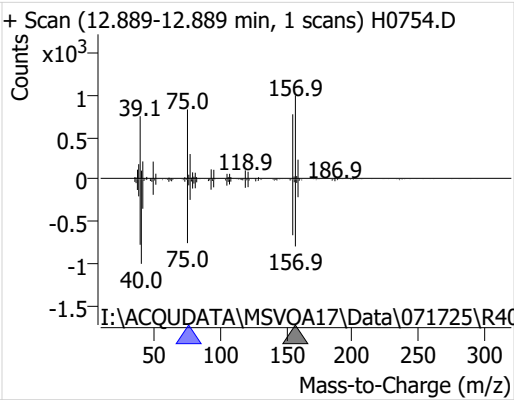




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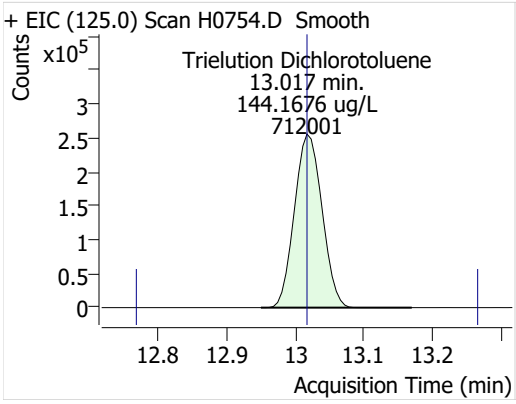


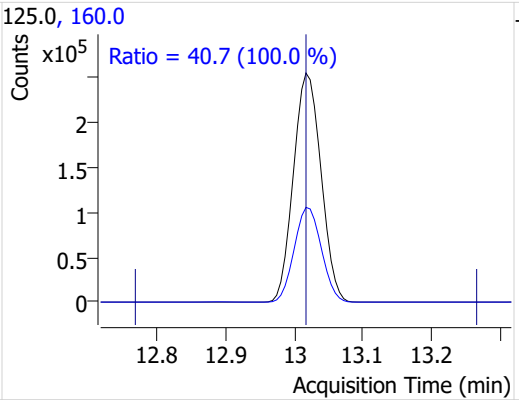


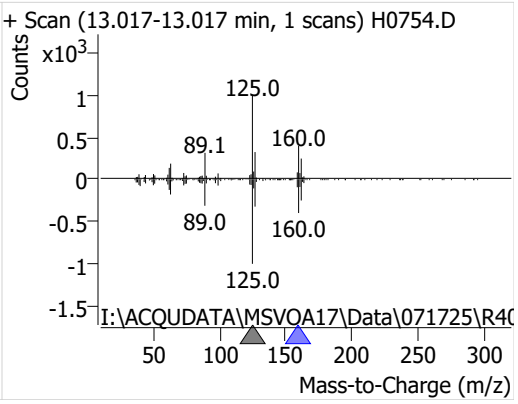


Masshunter Quantitative Analysis Sample Report

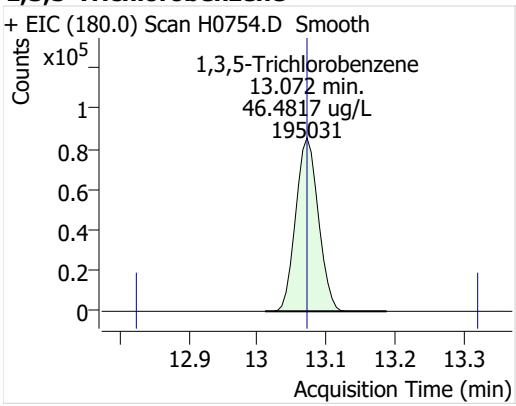
Trielution Dichlorotoluene

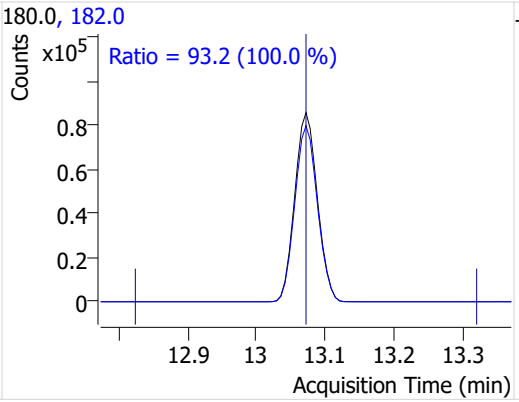


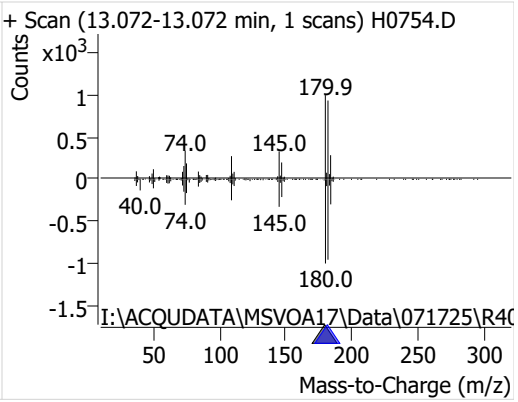




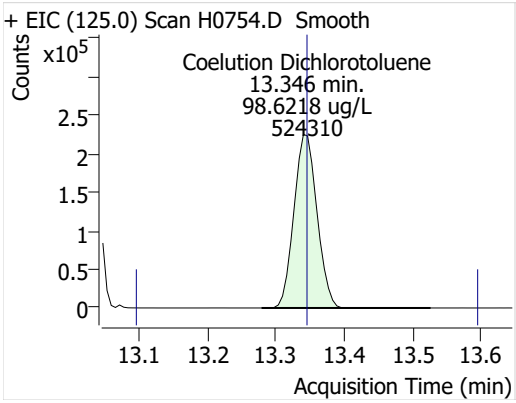
1,3,5-Trichlorobenzene

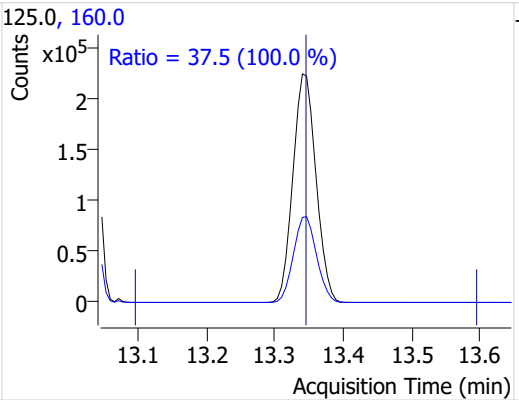


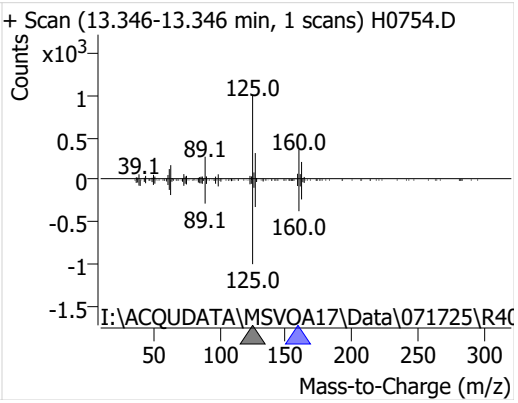




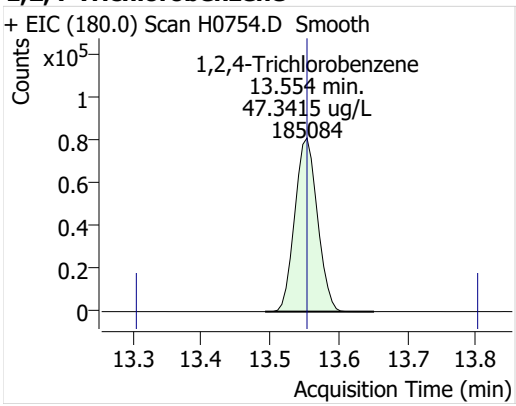
Coelution Dichlorotoluene

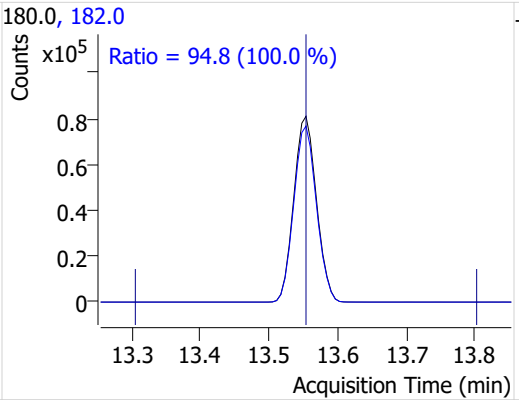


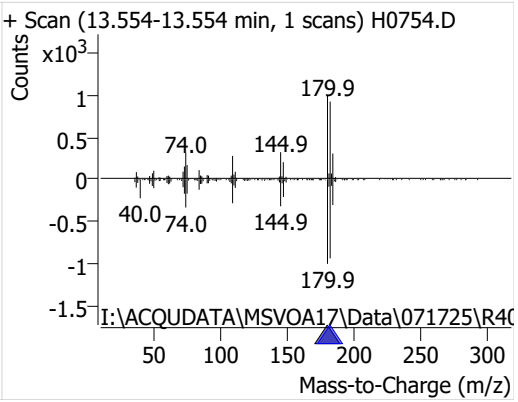




1,2,4-Trichlorobenzene

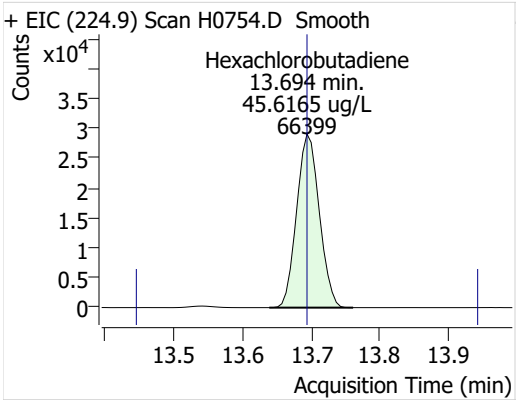


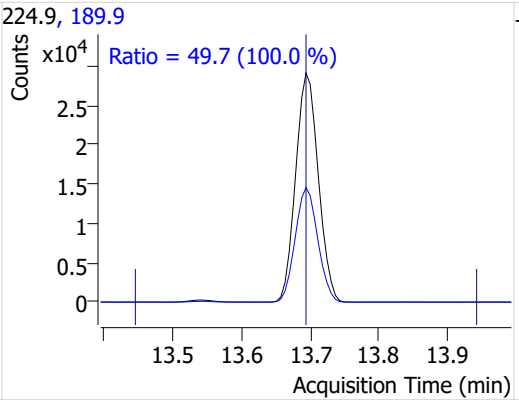


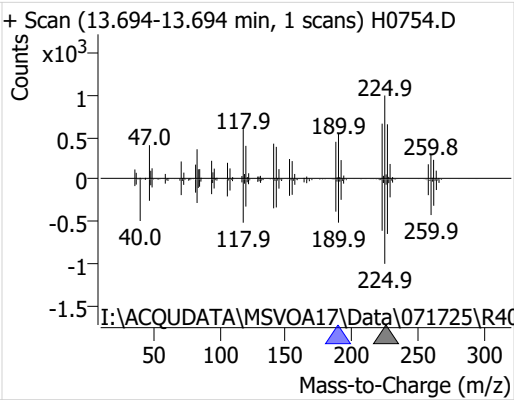


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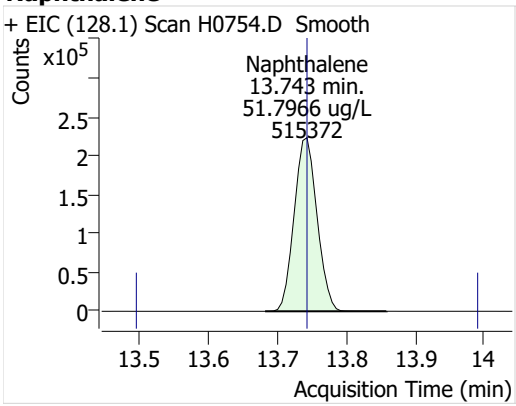
Hexachlorobutadiene

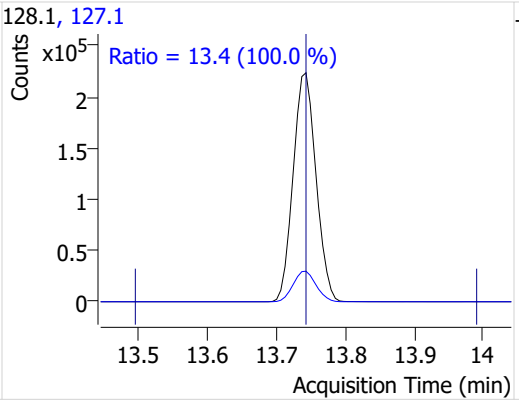


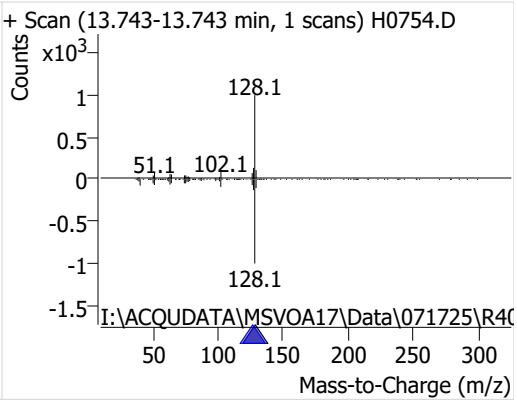




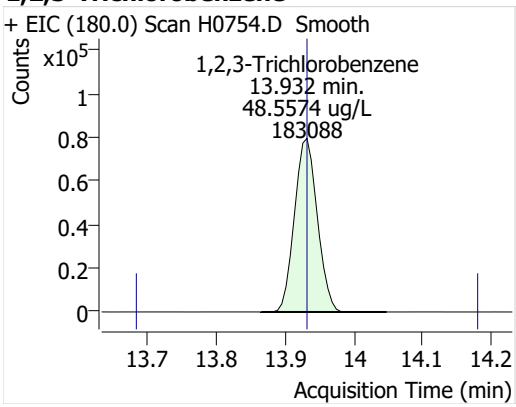
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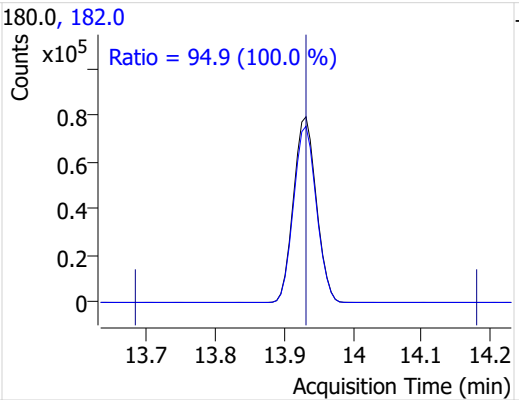


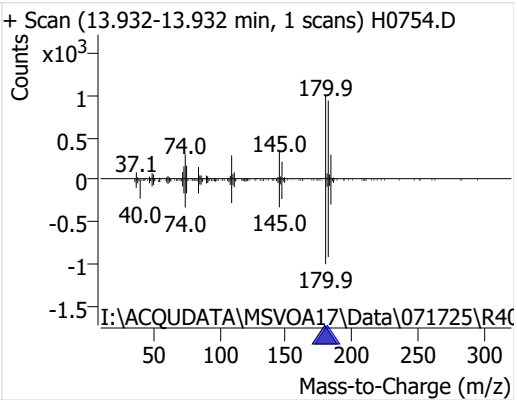




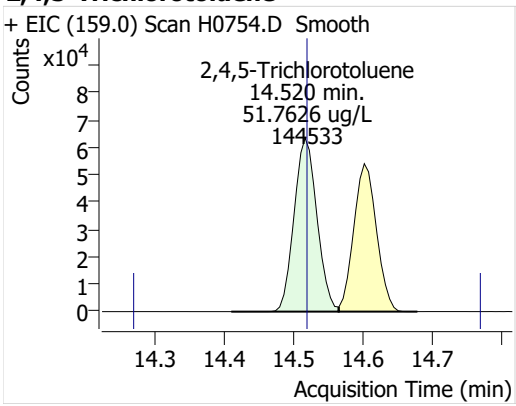
1,2,3-Trichlorobenzene

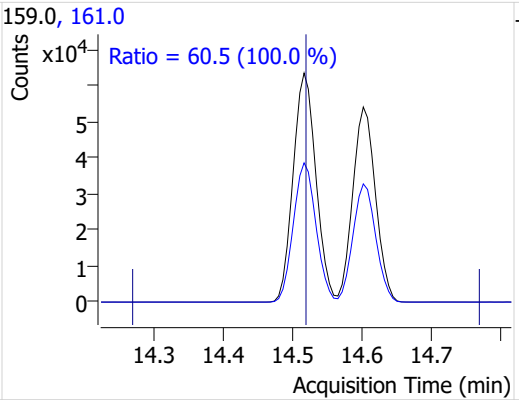


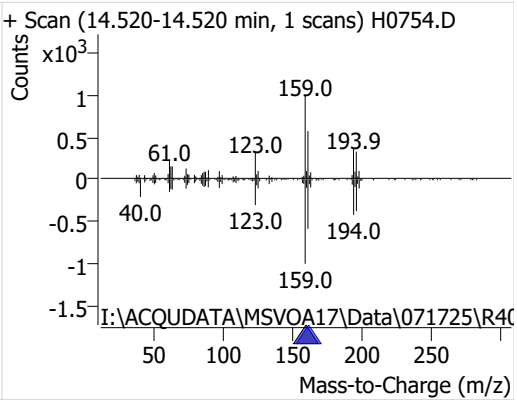




2,4,5-Trichlorotoluene

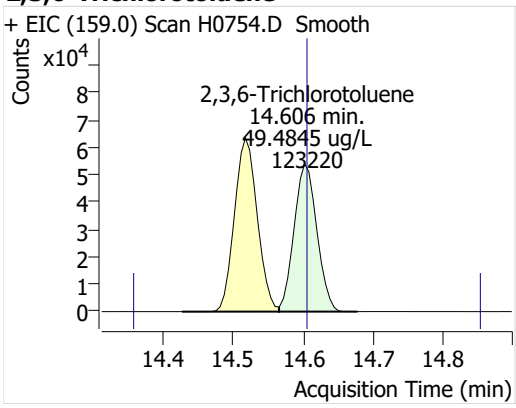


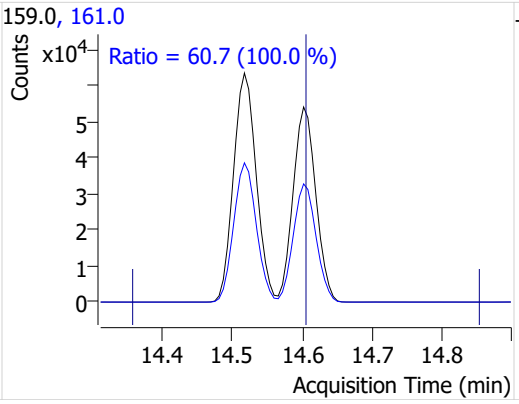


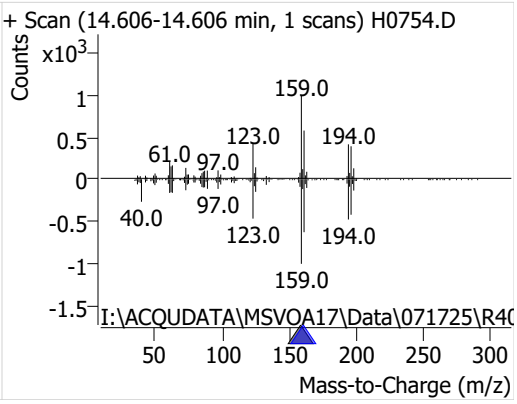


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





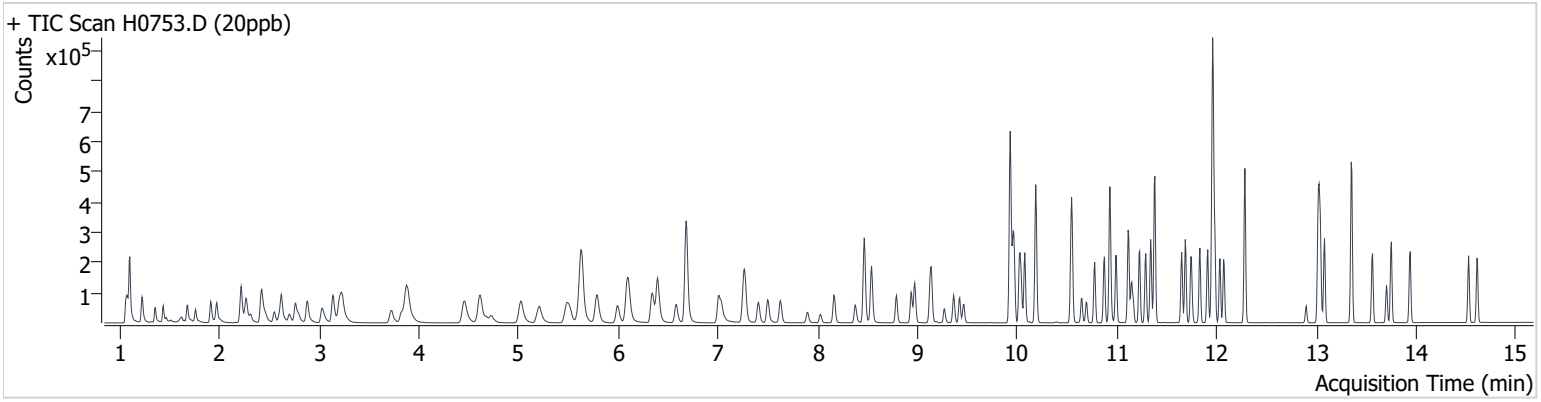


Masshunter Quantitative Analysis Sample Report

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H0753.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	212102	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	347498	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	299444	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	170126	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	47870	21.3681	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	185554	21.4294	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	55100	20.1284	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	54402	21.0393	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	39569	15.2191	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	39510	15.3000	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	38558	16.2974	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	42815	15.4563	ug/L
Bromomethane	94.000	0.298	0.001	1.673	0.003	33171	15.5023	ug/L
Chloroethane	64.000	0.312	0.000	1.756	0.001	29069	14.3220	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.001	61648	14.7579	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	53276	14.0848	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	32260	14.3107	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.000	33256	17.1320	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	48187	14.2161	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.001	14288	104.5452	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	49568	14.4401	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.000	30125	12.7591	ug/L
Acetone	43.000	0.437	0.000	2.456	0.000	18579	19.5848	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	44481	16.9388	ug/L
2-Propanol	45.000	0.463	0.001	2.601	0.005	41439	298.1696	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	113912	19.8098	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.003	71709 LT	92.8743	ug/L
Methyl Acetate	43.000	0.496	0.000	2.787	0.001	29790	15.8314	ug/L

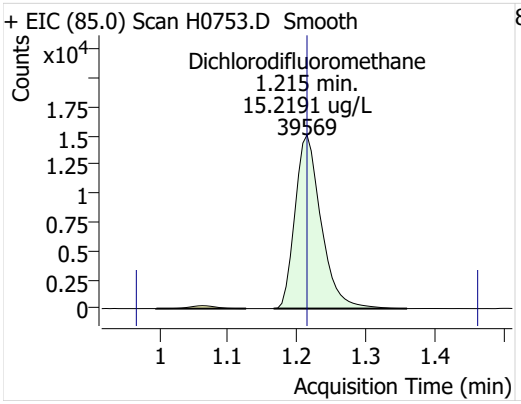
Masshunter Quantitative Analysis Sample Report

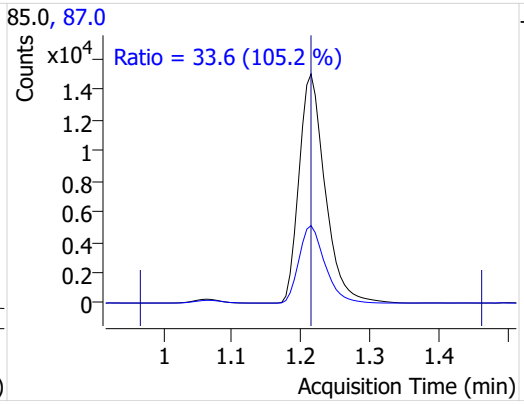
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	38656	16.7722	ug/L
TBA	59.000	0.538	0.000	3.025	0.000	75009	349.6725	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	89763	91.9975	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	45572	15.0004	ug/L
MTBE	73.000	0.573	0.000	3.220	0.000	112088	17.6571	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	59848	15.3757	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	61338	18.6744	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	36256	19.8339	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	114785	17.2651	ug/L
ETBE	59.000	0.792	0.000	4.451	0.001	109506	17.6012	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.001	40256	16.5815	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	41111	14.1379	ug/L
2-Butanone	43.000	0.832	0.001	4.677	0.004	21670	18.1531	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	35902	95.7461	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	29763	17.4496	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.001	18197	18.6306	ug/L
Tetrahydrofuran	42.000	0.922	0.002	5.183	0.012	12433	17.1700	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	61973	15.4798	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	46506	14.1583	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	50689	14.8426	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.001	38082	12.8163	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	38004	13.7485	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	129531	15.5749	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	55948	17.3949	ug/L
Iso-Butyl Alcohol	43.000	0.915	0.000	6.102	0.002	27320	382.1681	ug/L
TAME	73.000	1.127	0.001	6.336	0.006	101717	17.6181	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	35221	13.1005	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	37114	14.5191	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	45314	791.7073	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	42854	14.2127	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	38098	16.6585	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	28575	17.5057	ug/L
1,4-Dioxane	88.000	1.122	0.001	7.488	0.006	11915	353.9690	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	27386	17.4577	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	48969	16.1478	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	24330	36.0832	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	13252	19.4264	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.152	0.003	50357	16.6953	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.371	0.002	41100	18.5928	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	134580	14.7867	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	42346	15.9792	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	46356	16.7658	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	36941	17.6117	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	30510	13.4948	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	60965	17.6096	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	14975	17.7011	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	41782	17.3205	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.416	0.001	50206	15.5342	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	35414	17.6206	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	96510	15.3863	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	51710	15.8293	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	49508	15.9787	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	34691	15.8856	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	135521	13.9715	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	212312	29.0569	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	114482	14.6744	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	100591	15.3436	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.003	25195	17.0747	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	51932	15.8771	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	120474	13.6728	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	146319	402.9621	ug/L

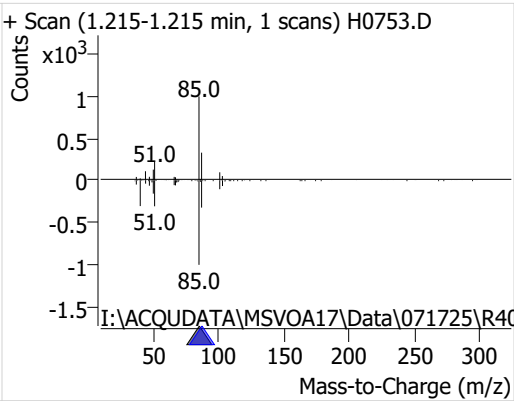
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	47930	17.7449	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	43748	16.2711	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	57365	17.1830	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	11775	17.0181	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	151366	14.0265	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.001	95986	14.7875	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.001	118373	18.1092	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	114200	13.8766	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	126181	14.2914	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	106991	13.1882	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	117892	14.6228	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	37181	15.5592	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	133996	12.9145	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	76956	15.0271	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	115357	12.8759	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	81729	15.1490	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	34527	15.6560	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.066	0.000	40616	16.0032	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	81672	16.3238	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	99064	12.2974	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	11558	17.1877	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	236387	51.7154	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	66054	17.0092	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	174292	35.4218	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	55366	15.3012	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	16302	12.1006	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	168880	18.3386	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	57349	16.4336	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	44594	17.2558	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	41676	18.0837	ug/L

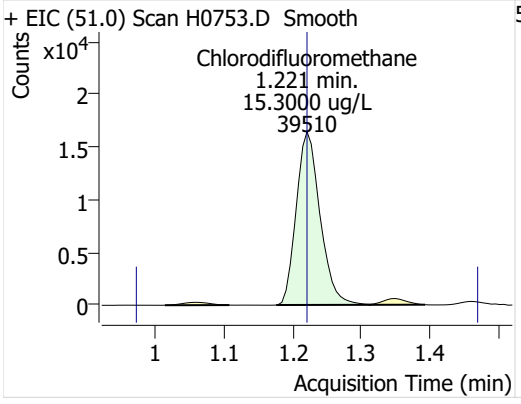
Dichlorodifluoromethane

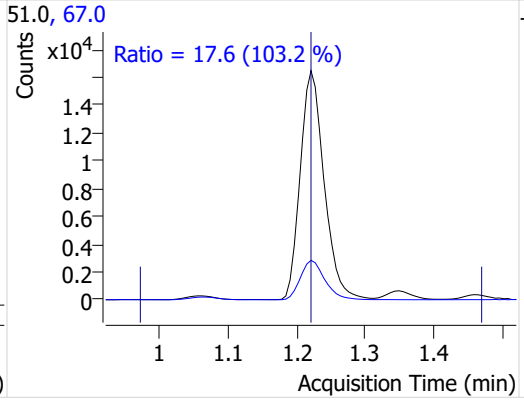


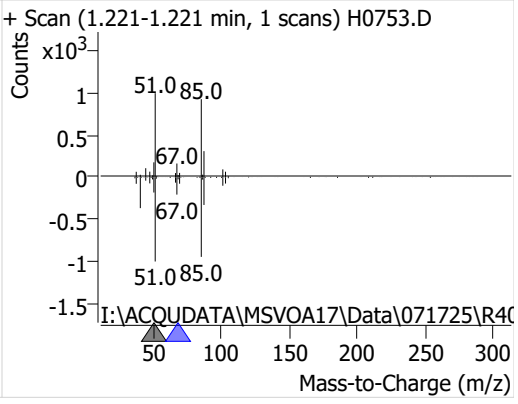




Chlorodifluoromethane

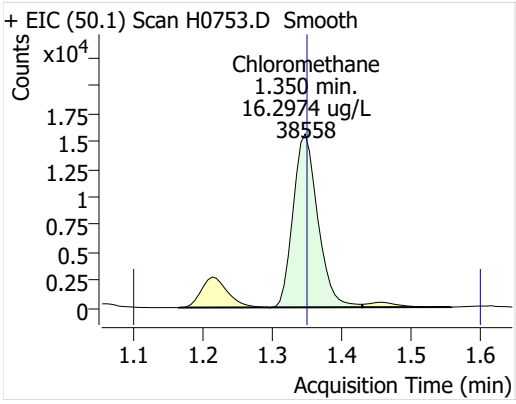


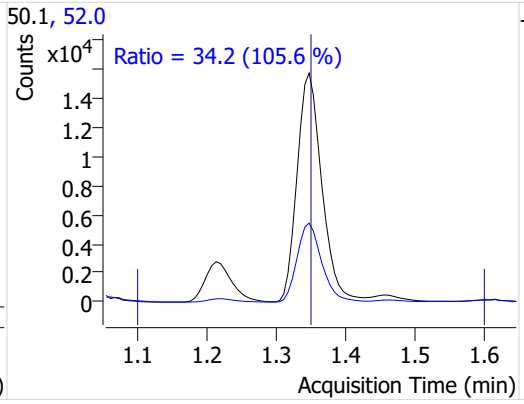


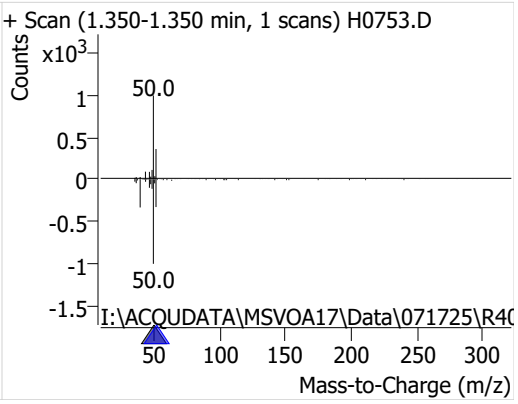


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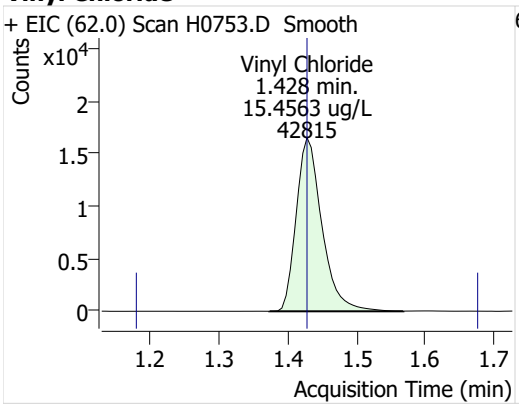
Chloromethane

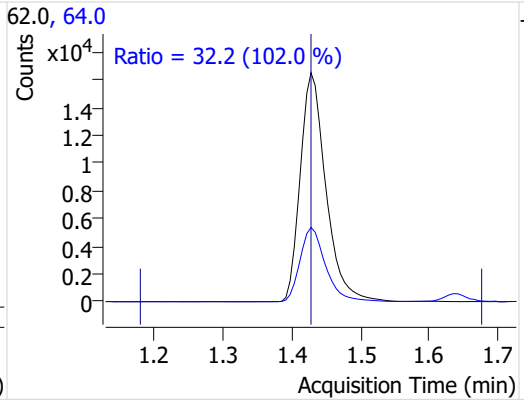


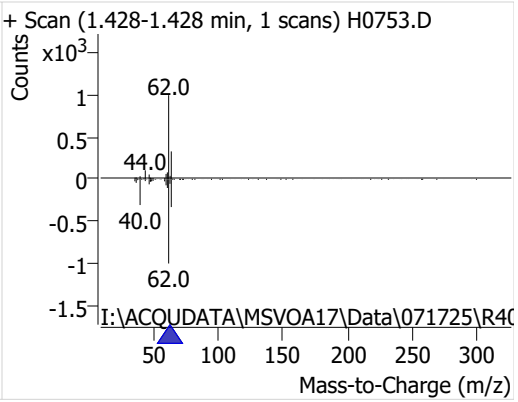




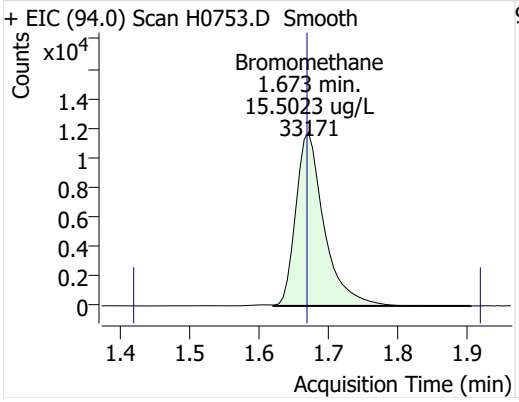
Vinyl Chloride

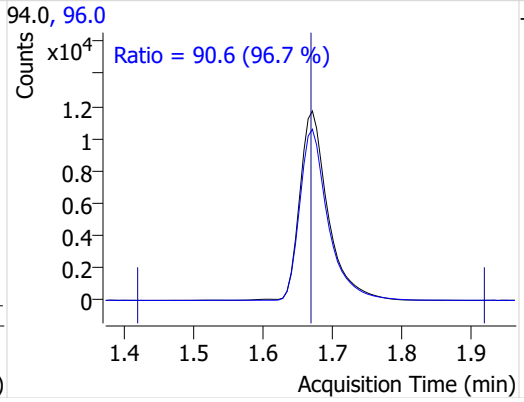


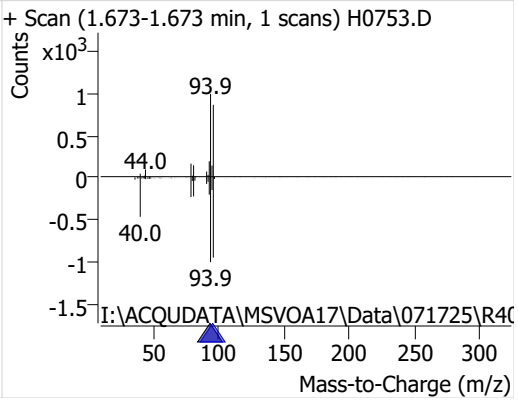




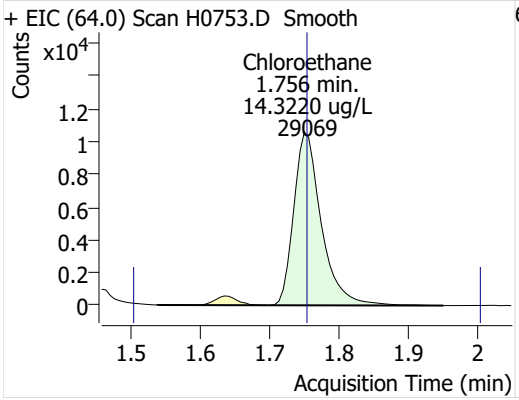
Bromomethane

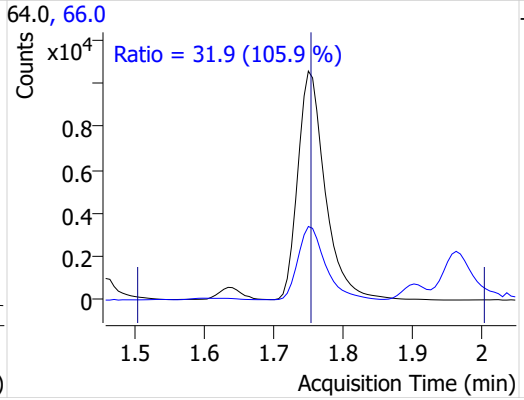


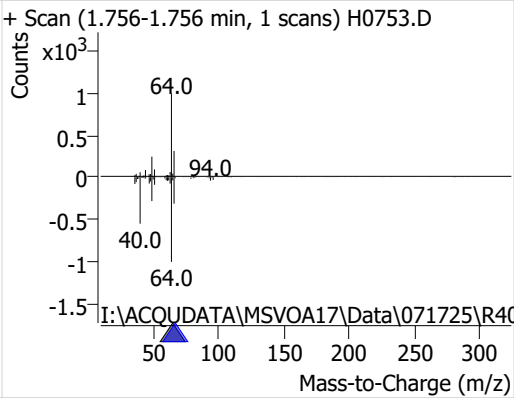




Chloroethane

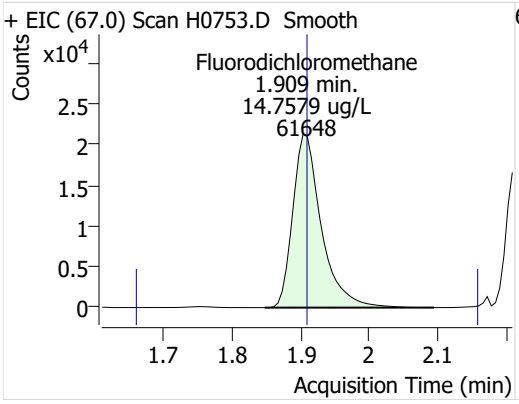


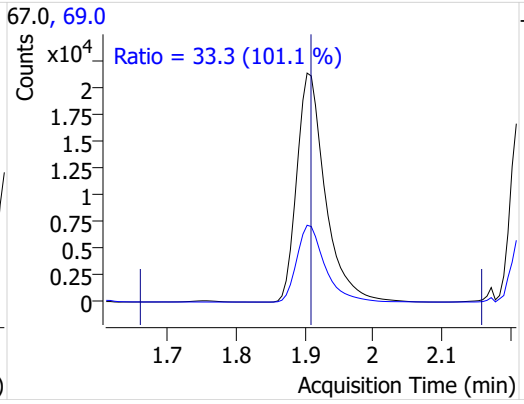


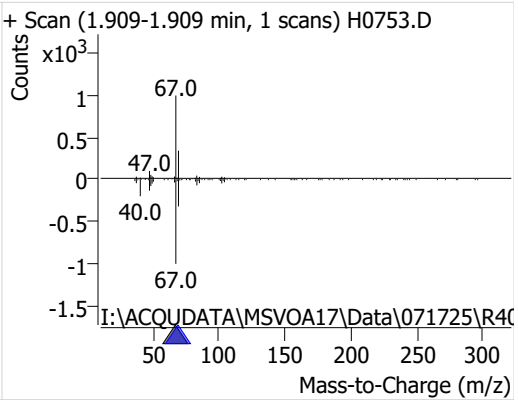


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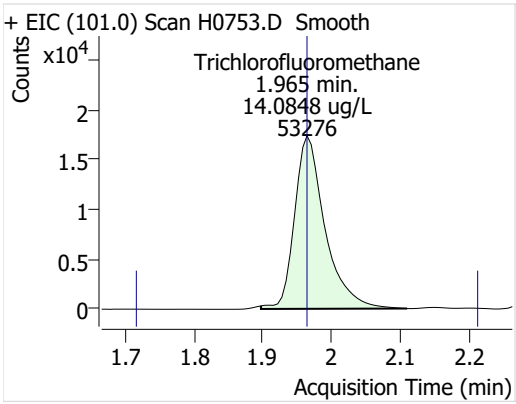
Fluorodichloromethane

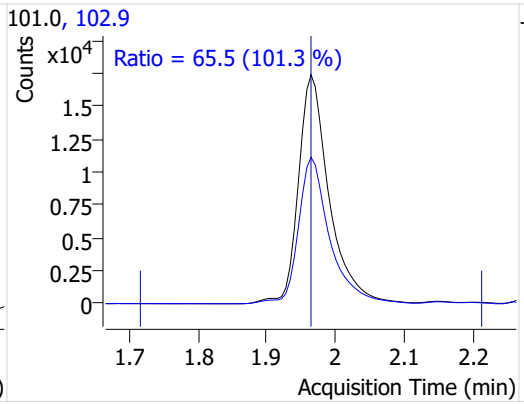


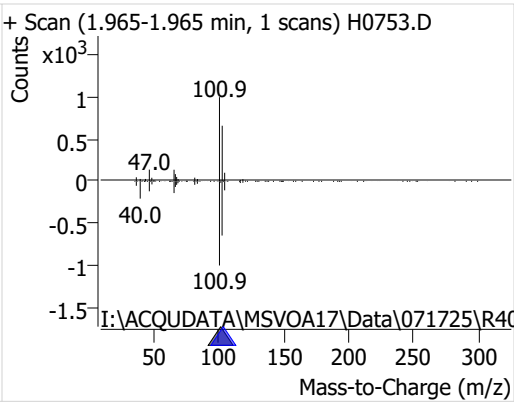




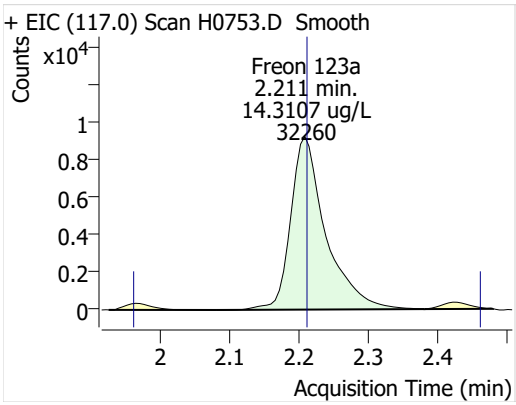
Trichlorofluoromethane

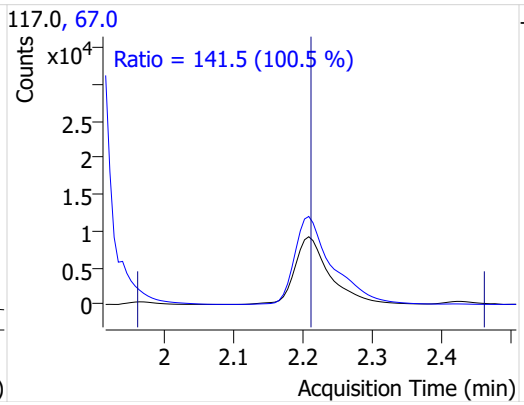


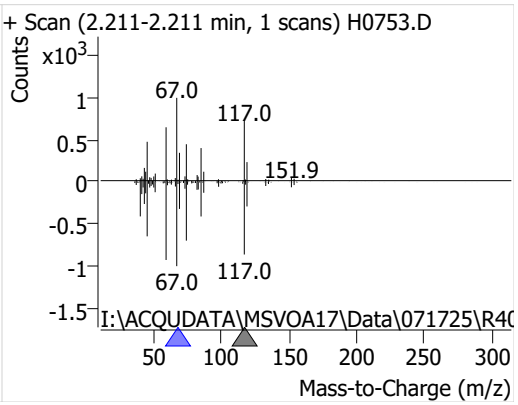




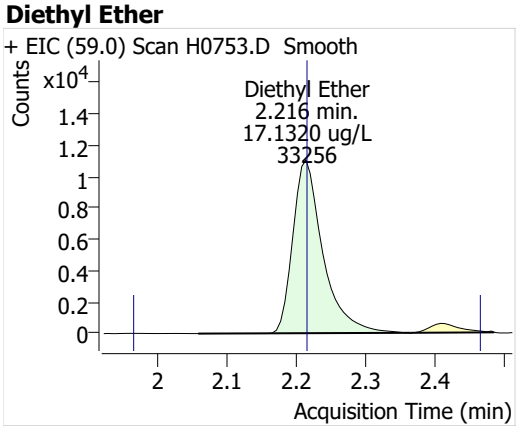
Freon 123a

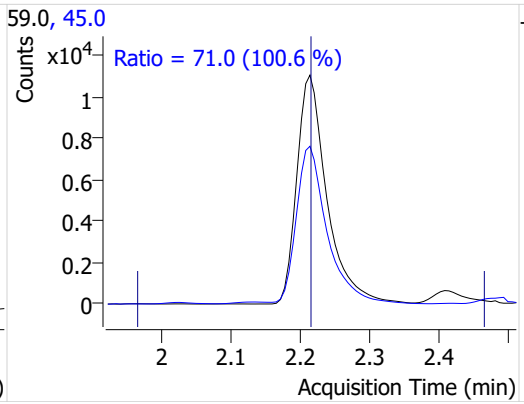


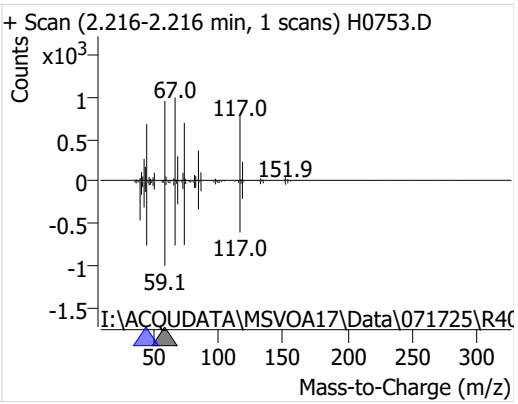




Diethyl Ether

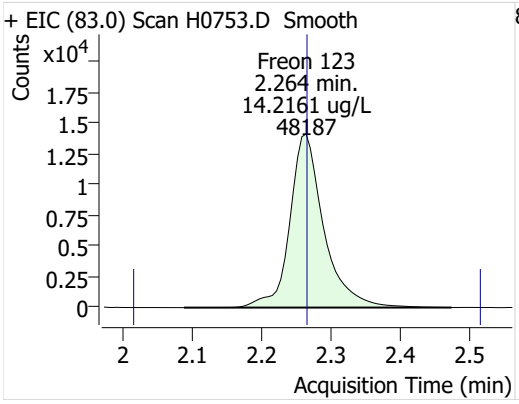


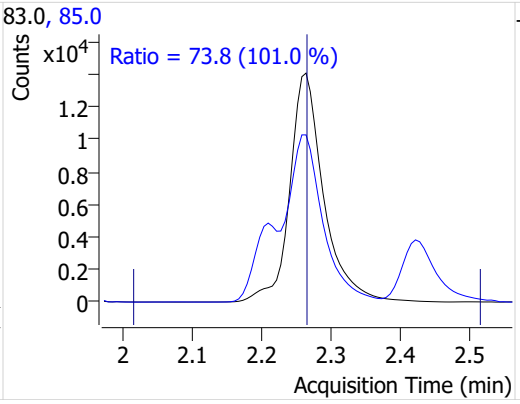


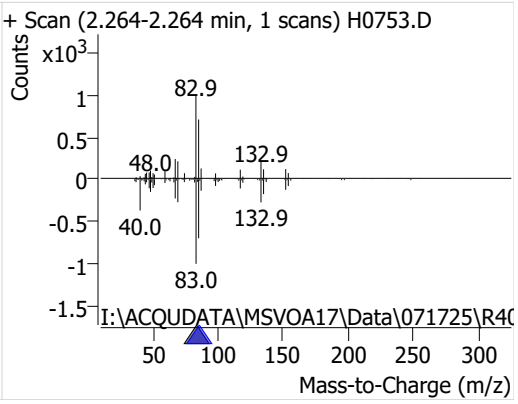


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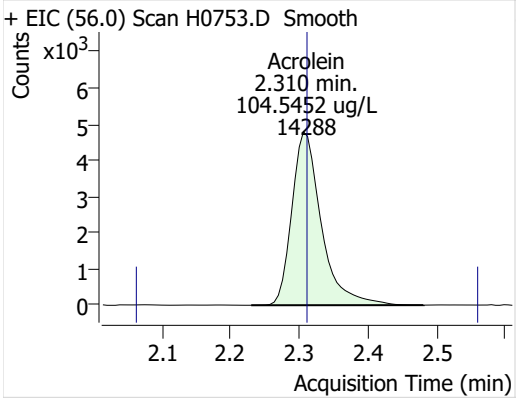
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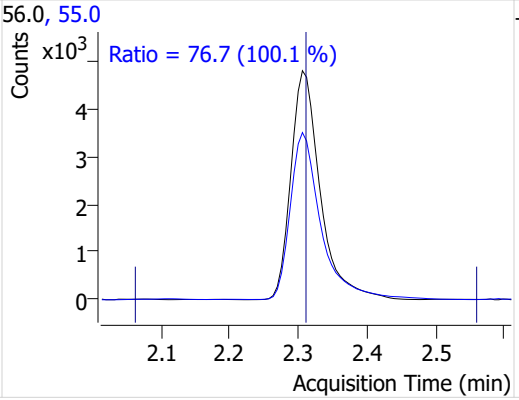


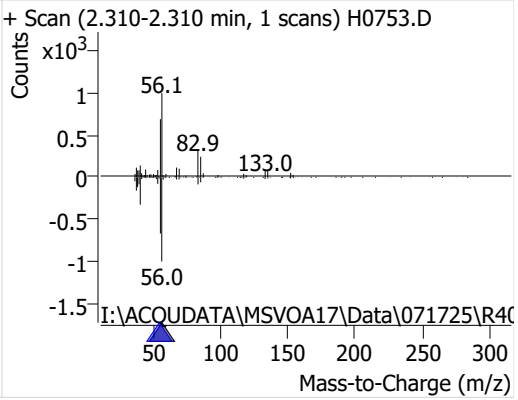




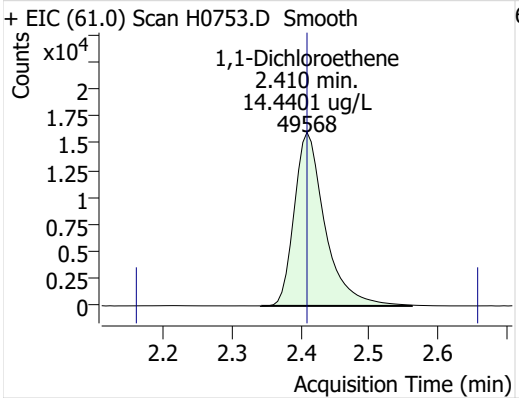
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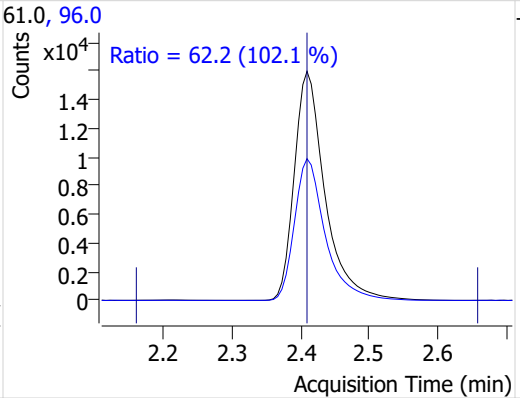


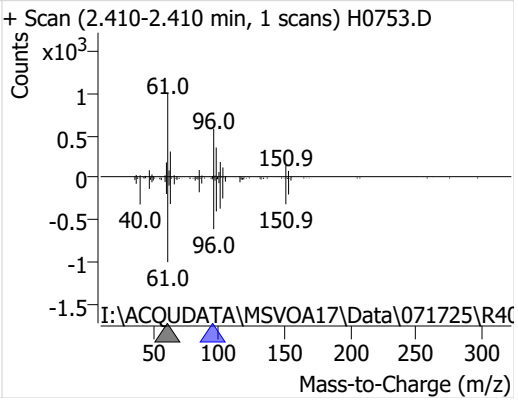




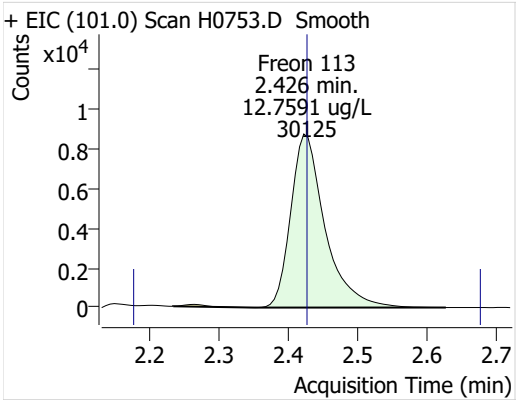
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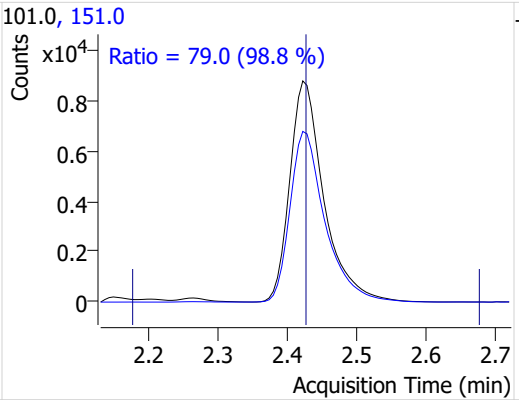


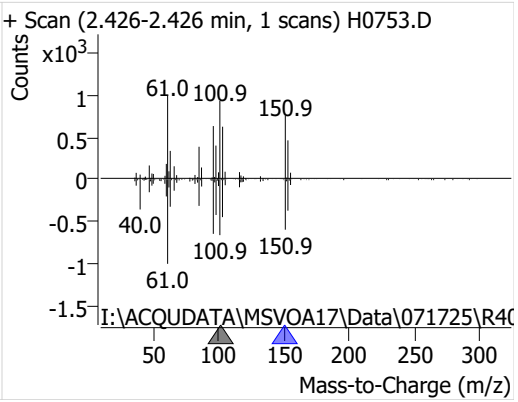




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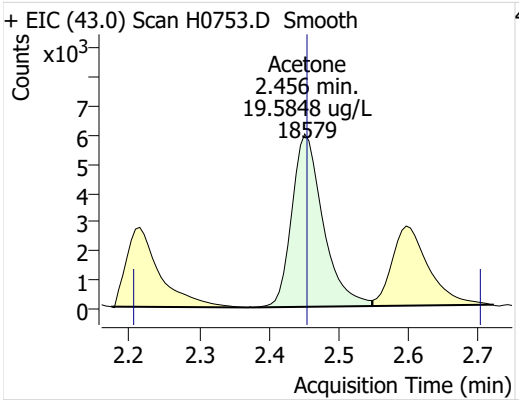


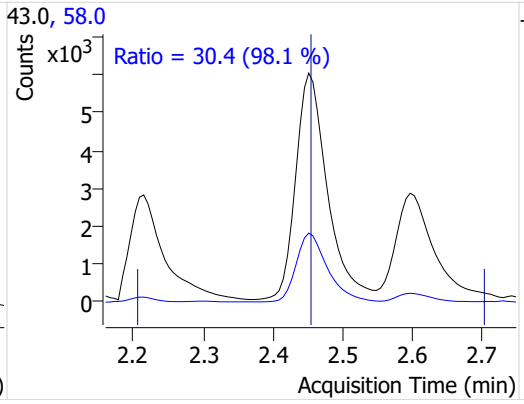


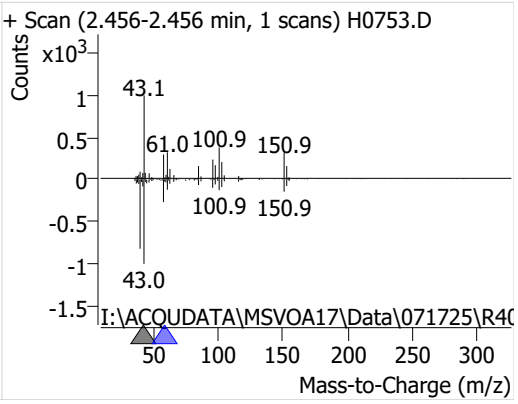


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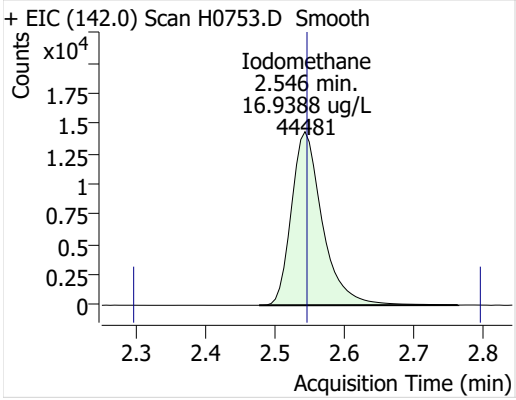
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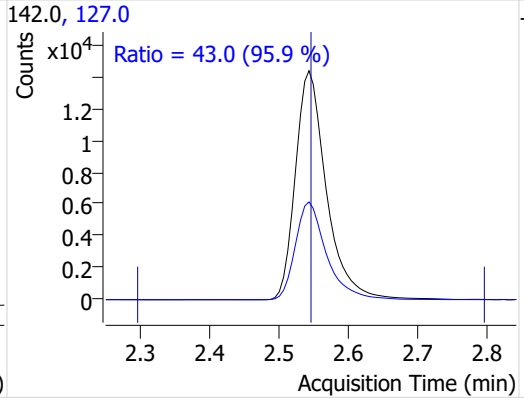


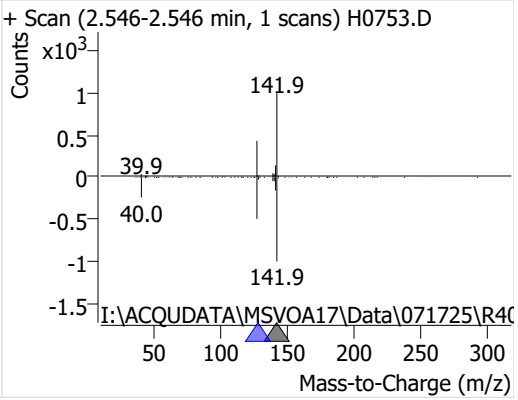




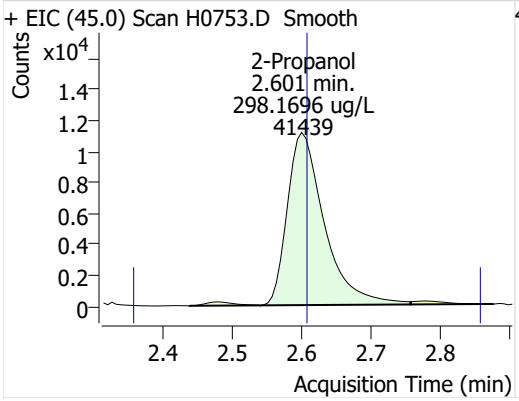
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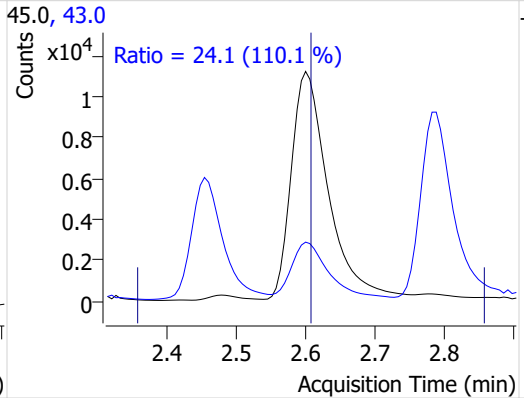


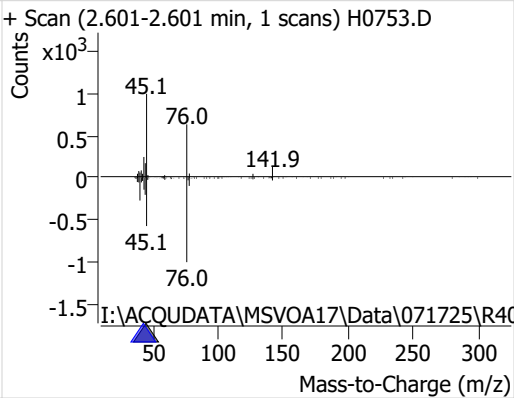




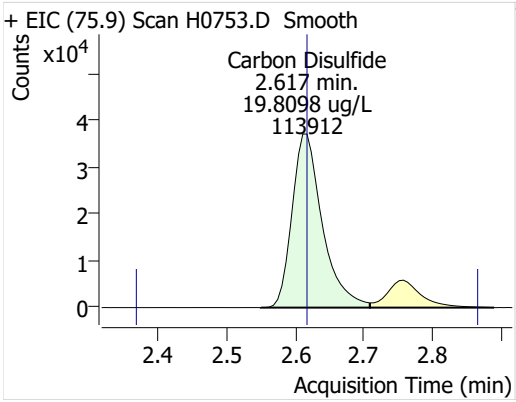
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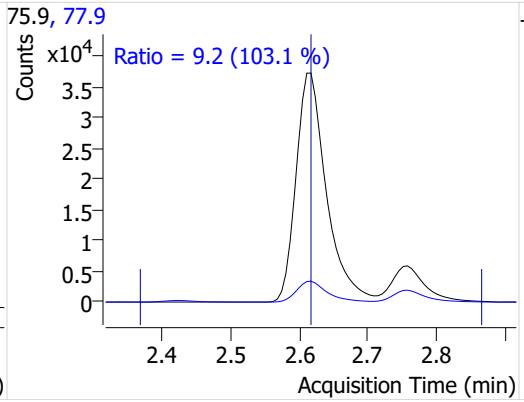


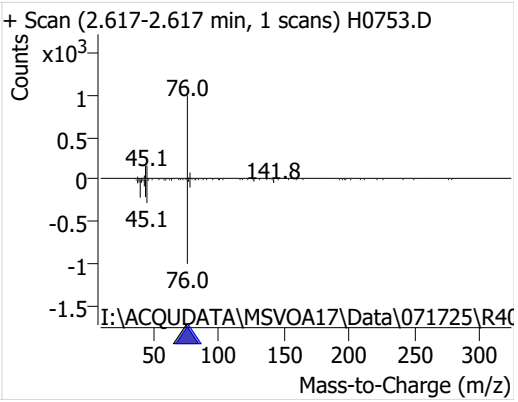




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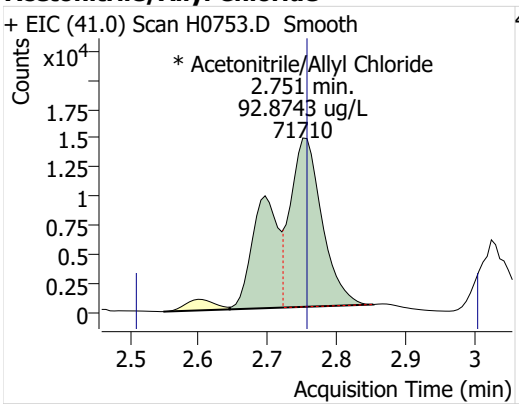


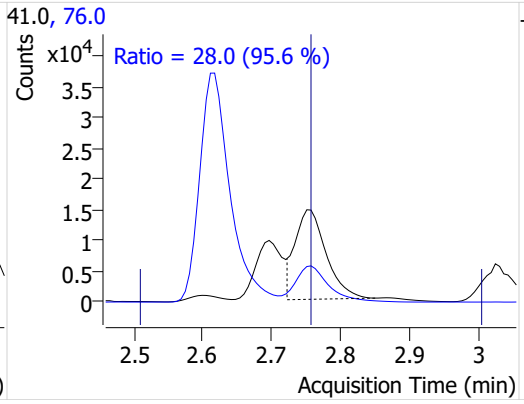


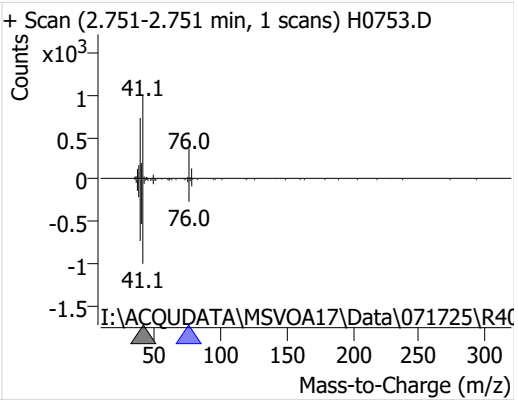


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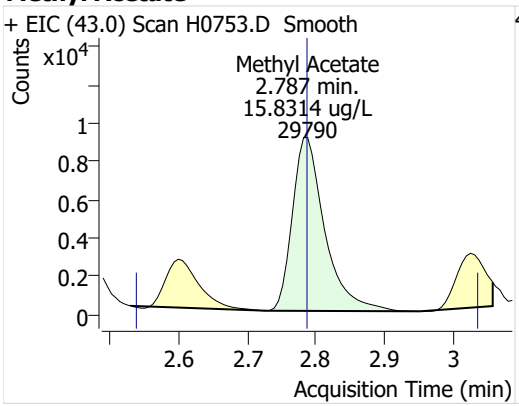
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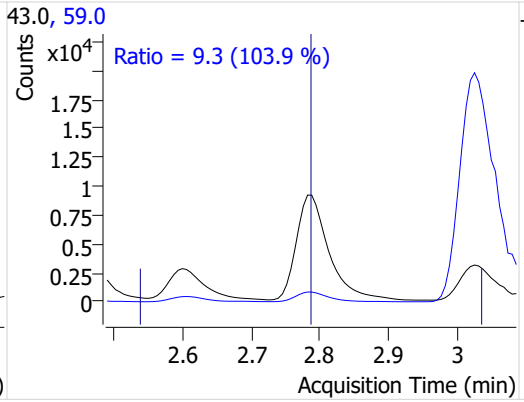


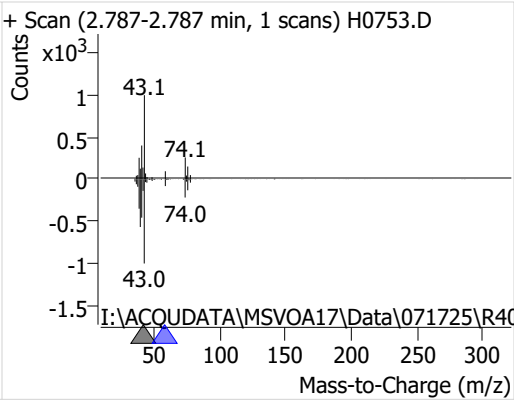




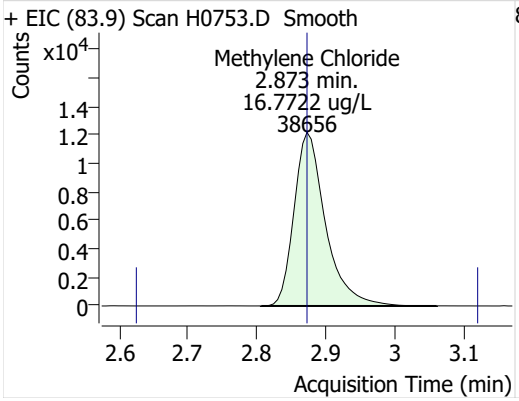
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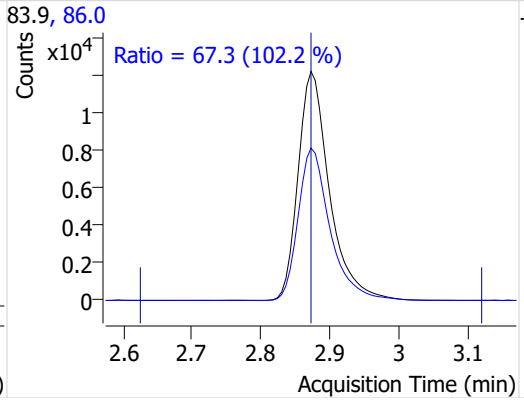


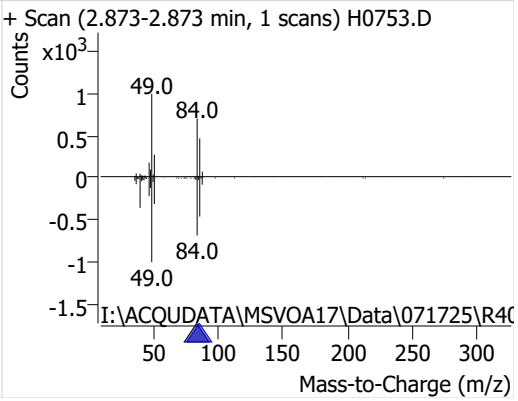




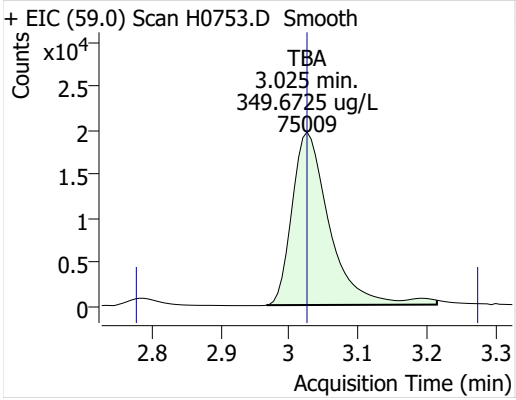
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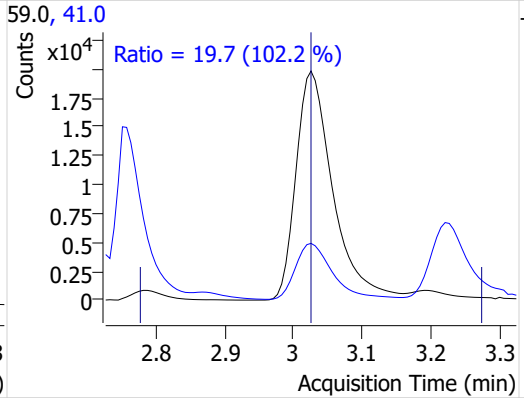


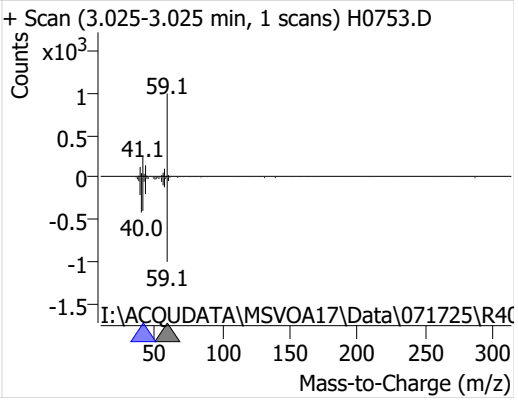




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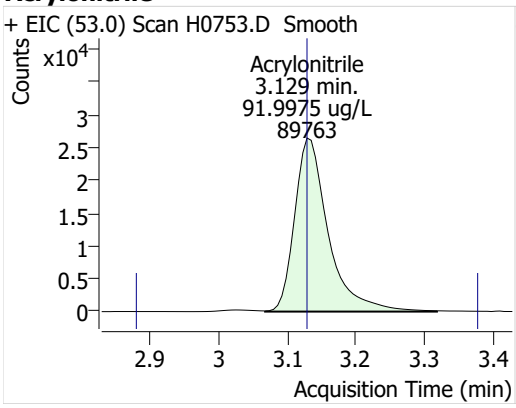


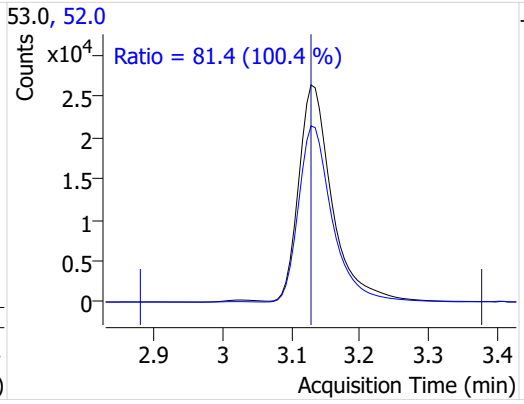


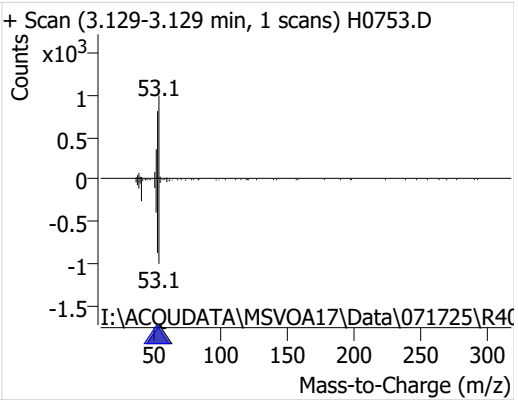


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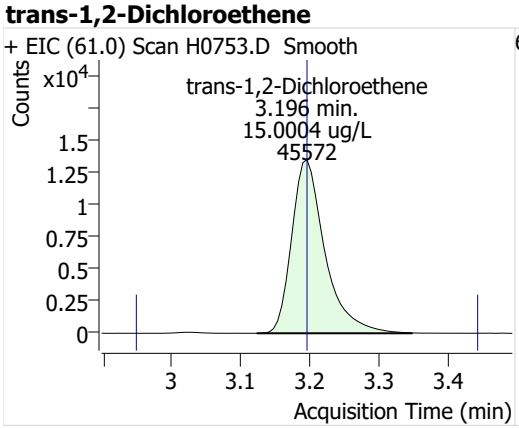
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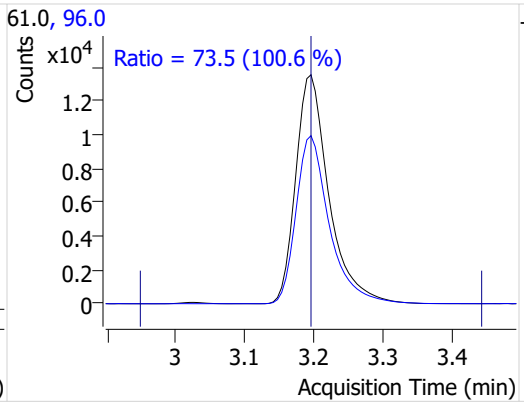


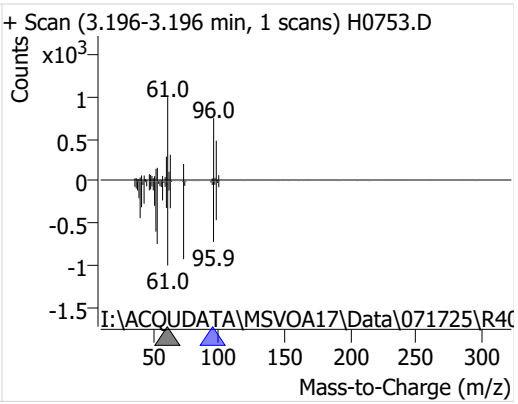




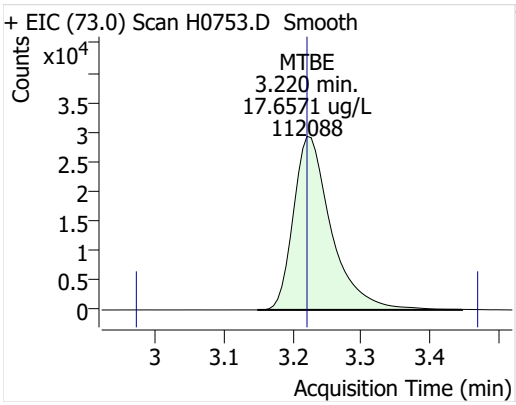
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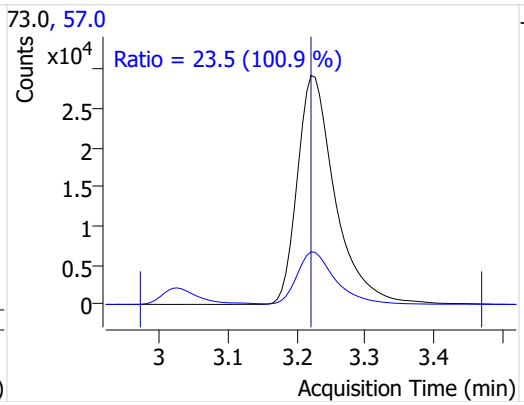


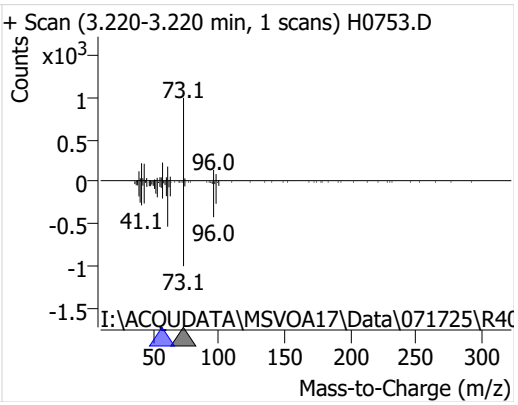




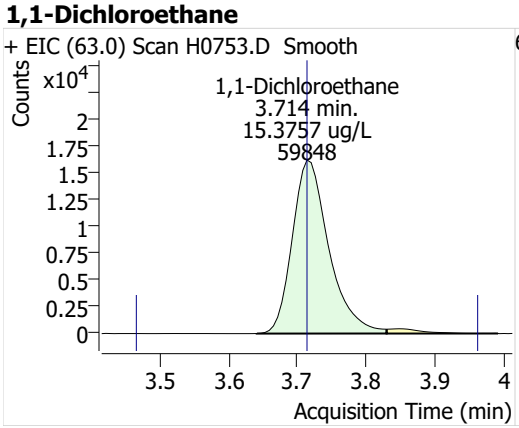
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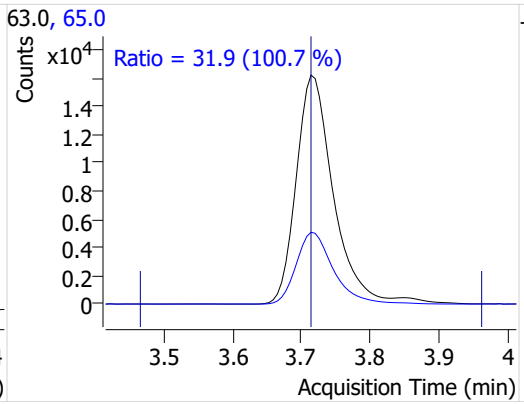


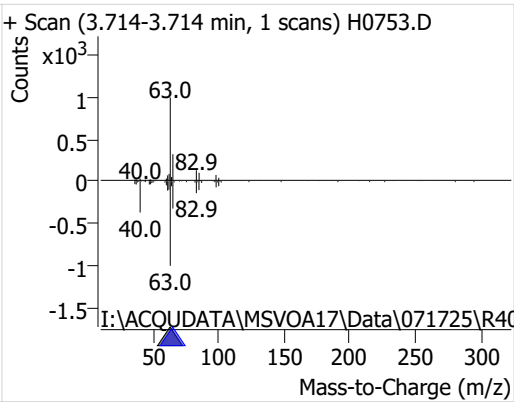




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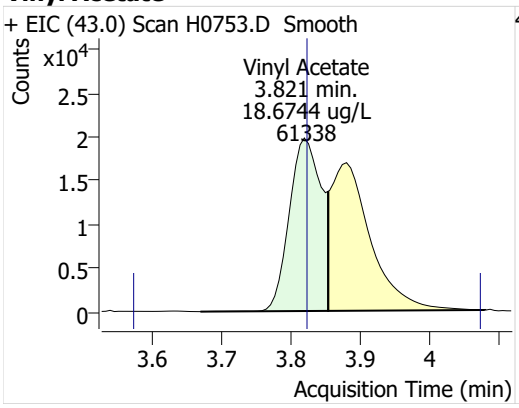


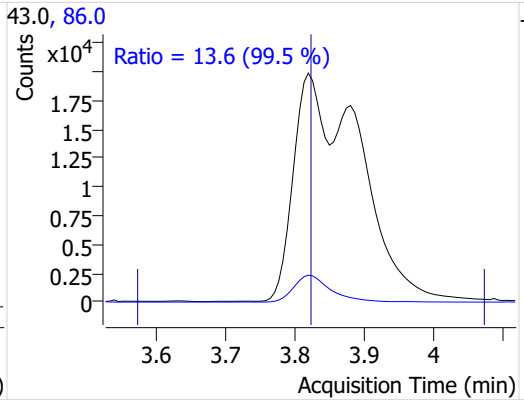


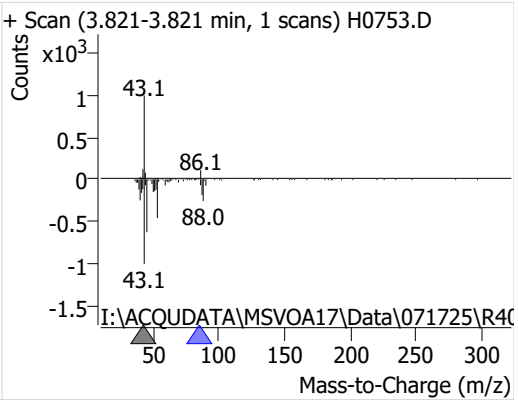


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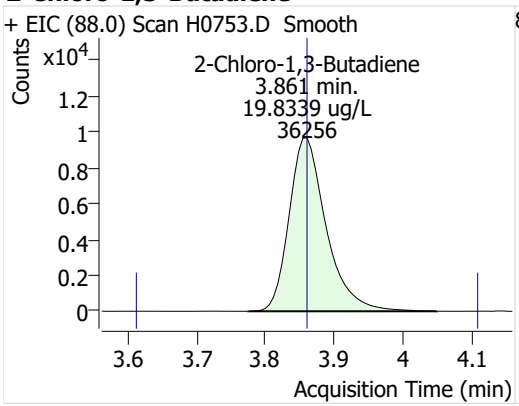
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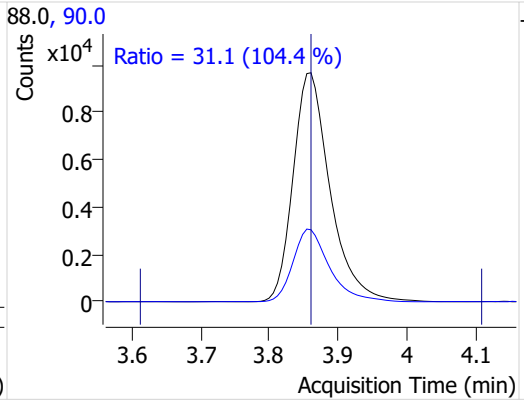


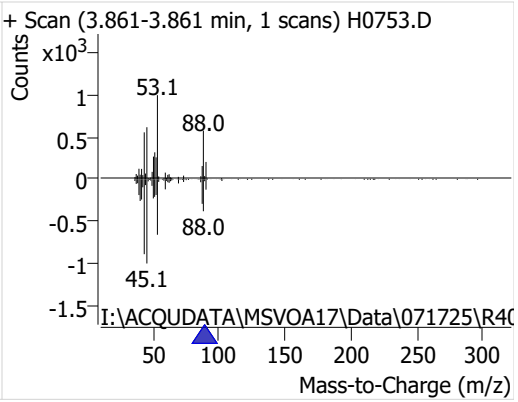




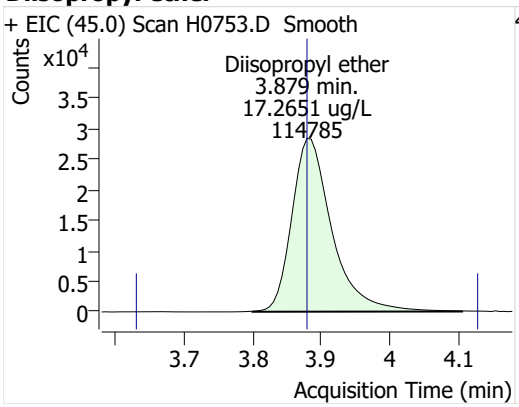
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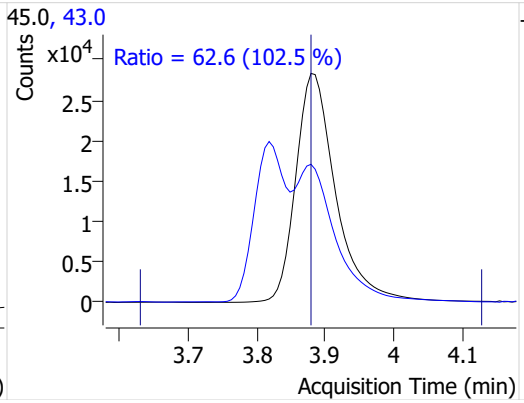


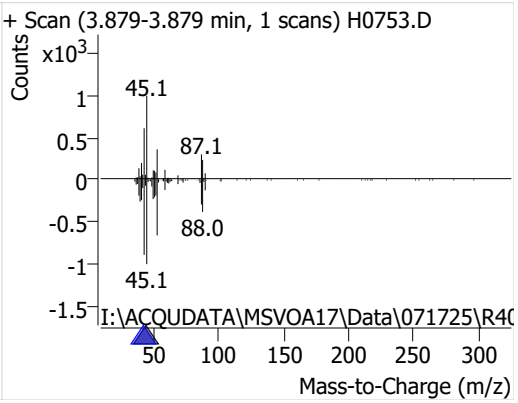




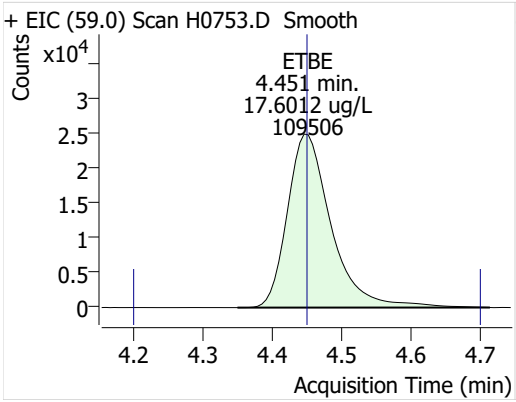
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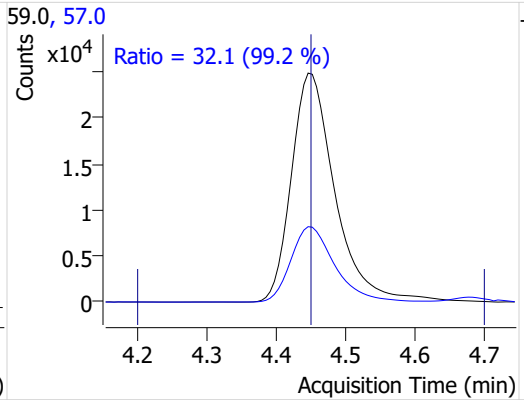


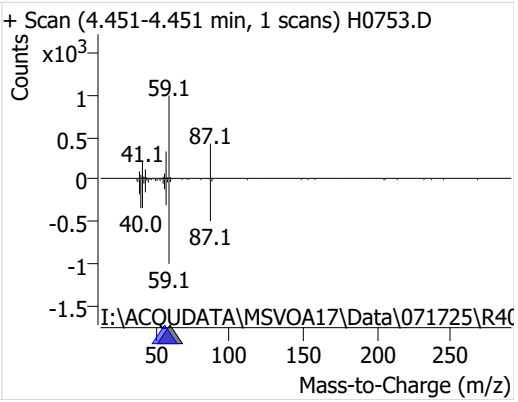




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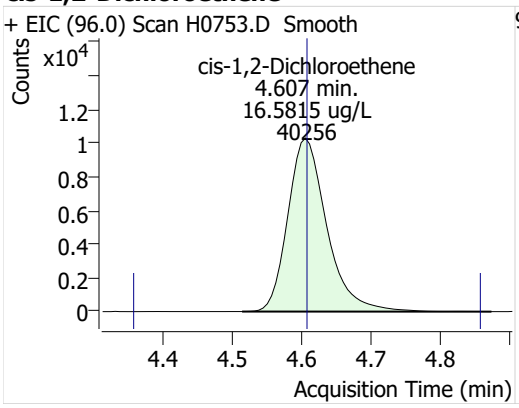


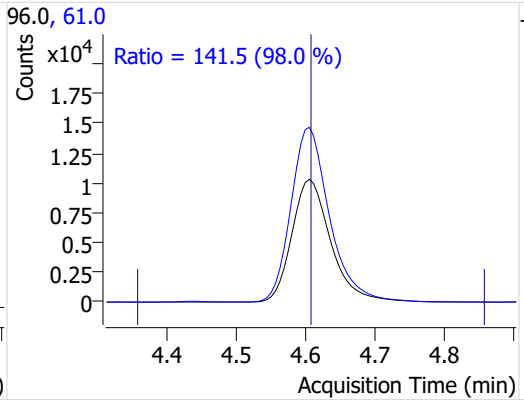


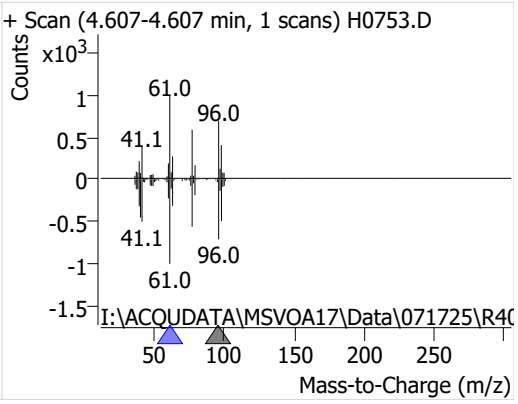


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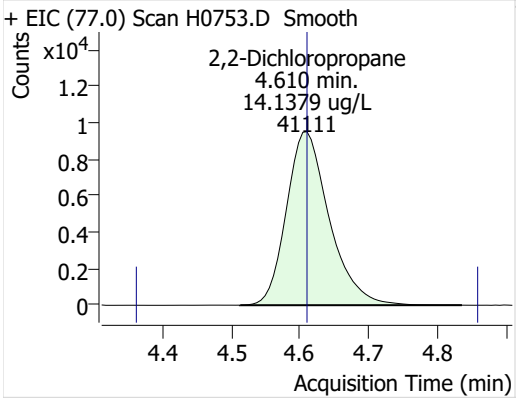
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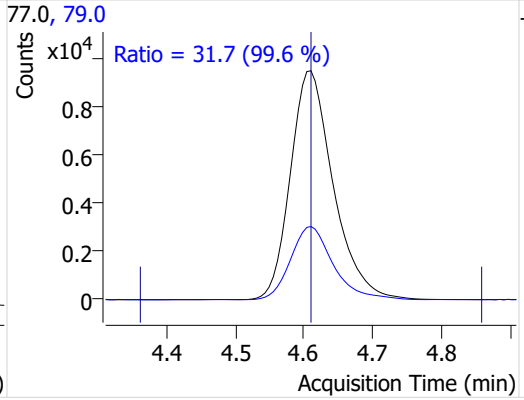


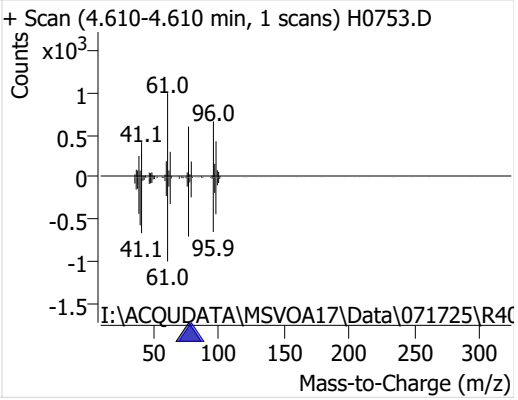




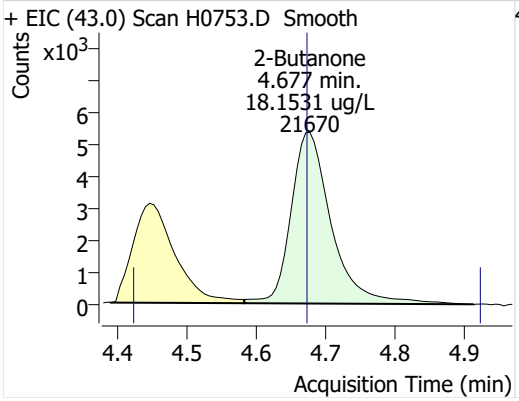
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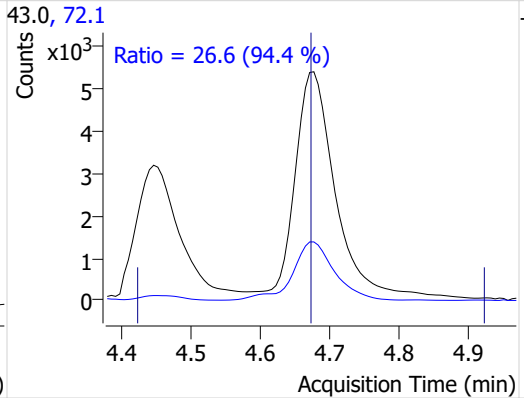


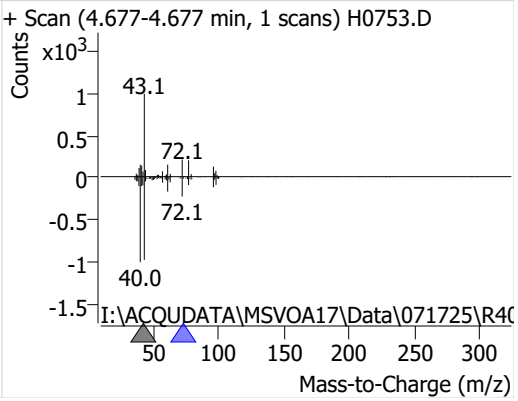




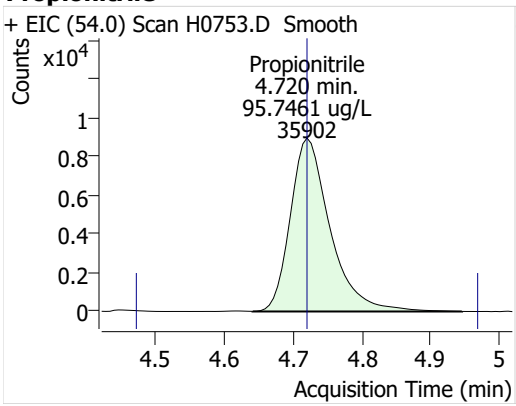
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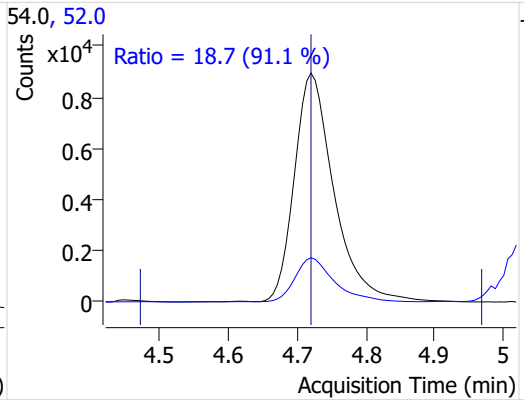


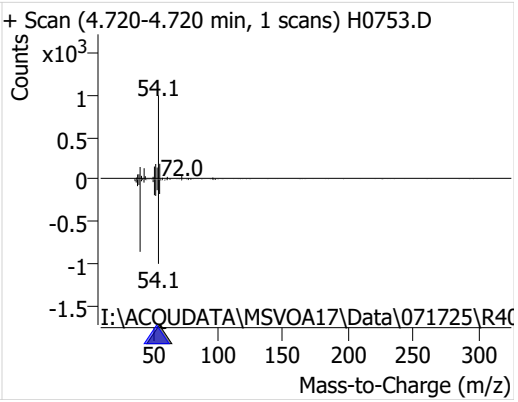




Propionitrile

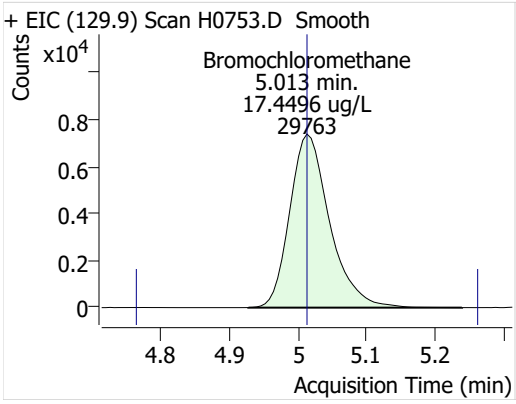


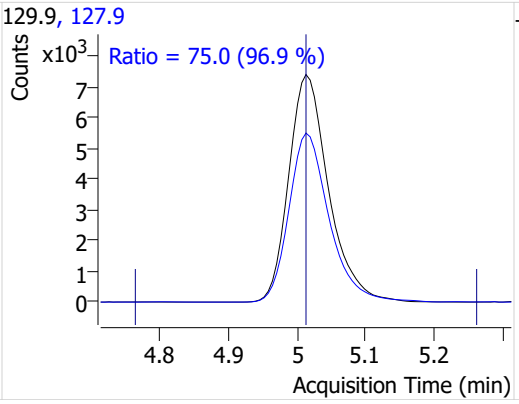


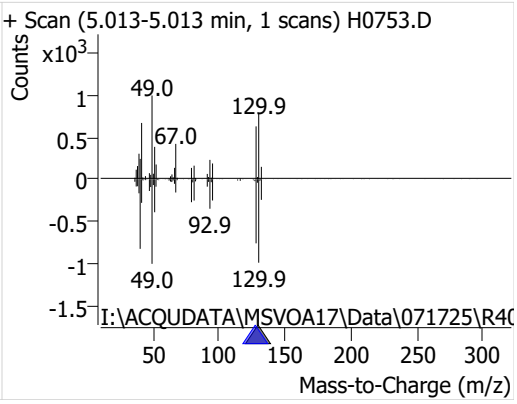


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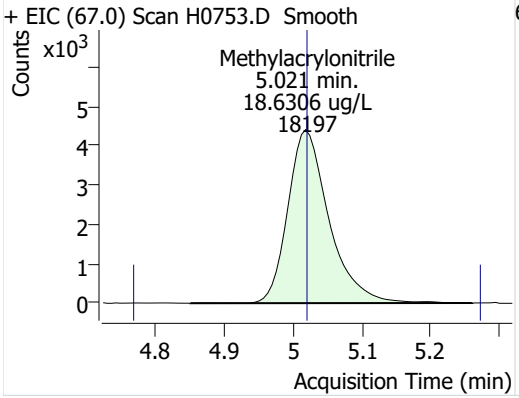
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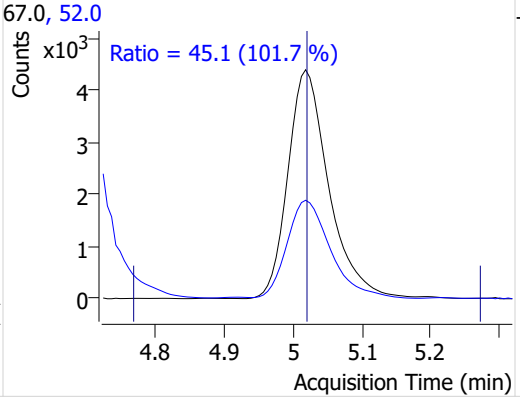


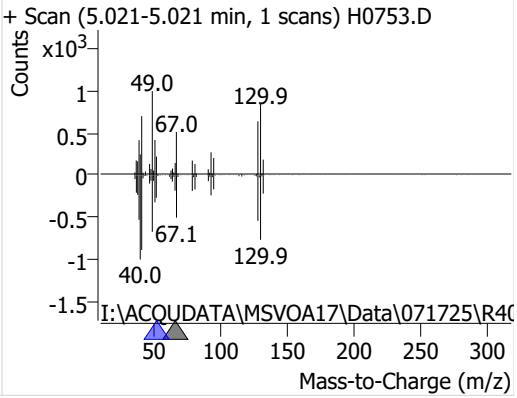




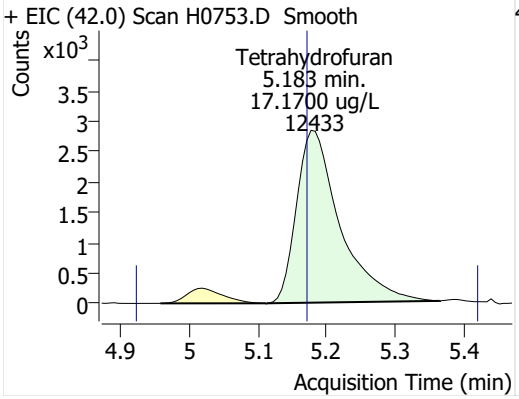
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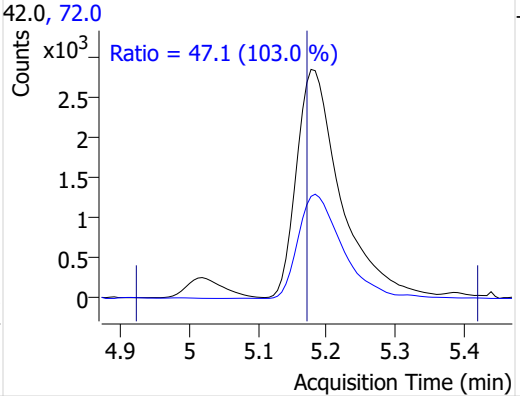


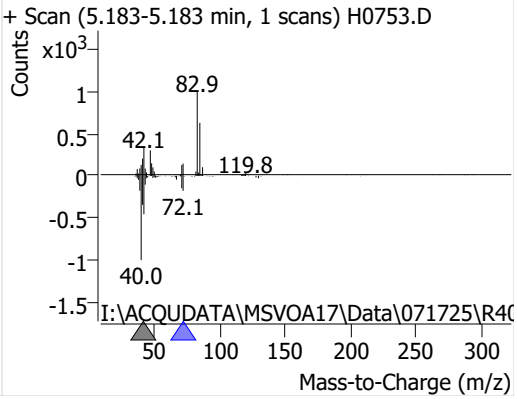




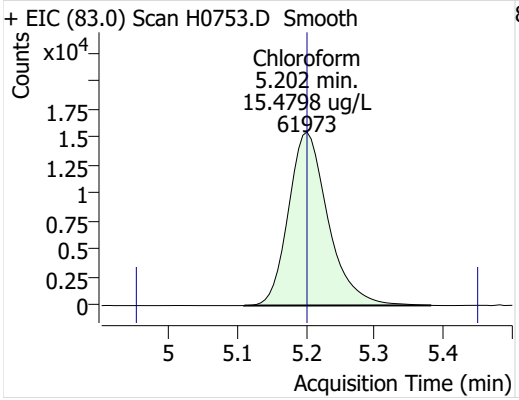
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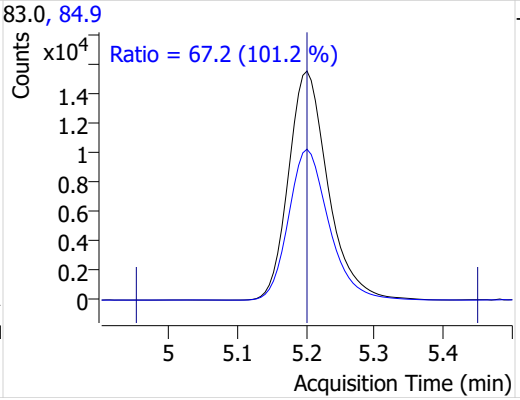


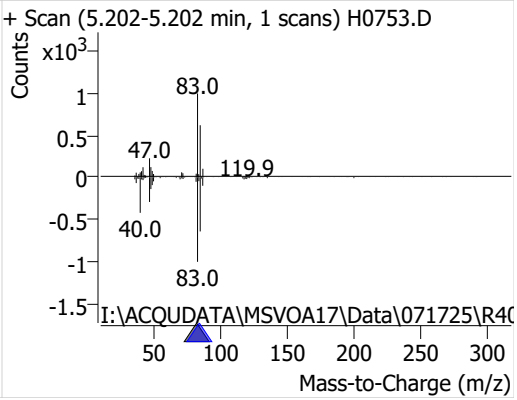




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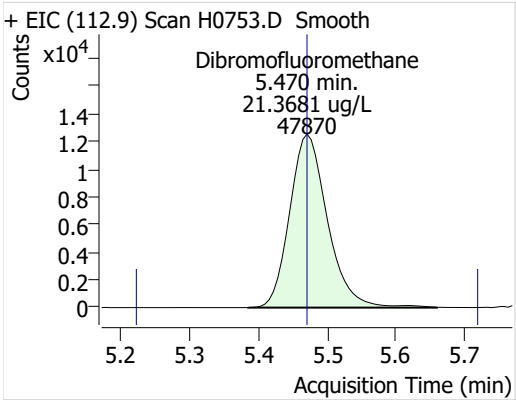


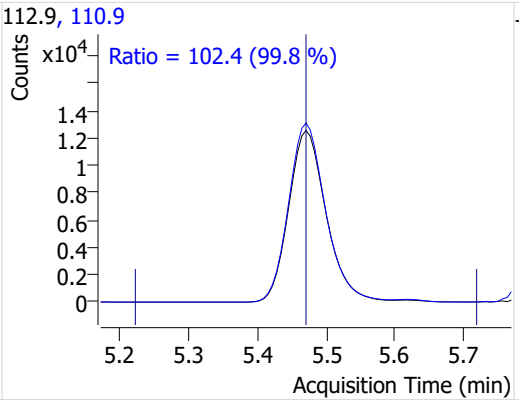


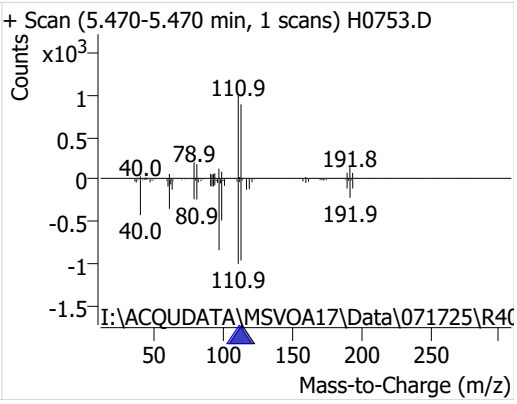


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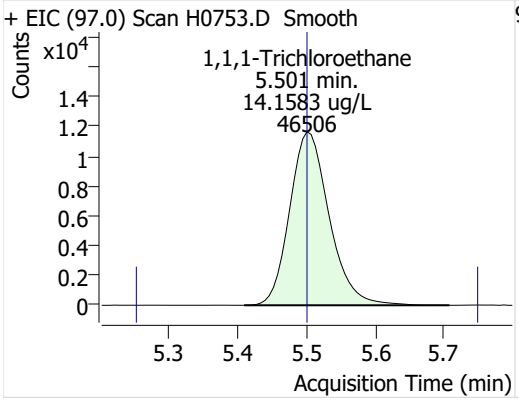
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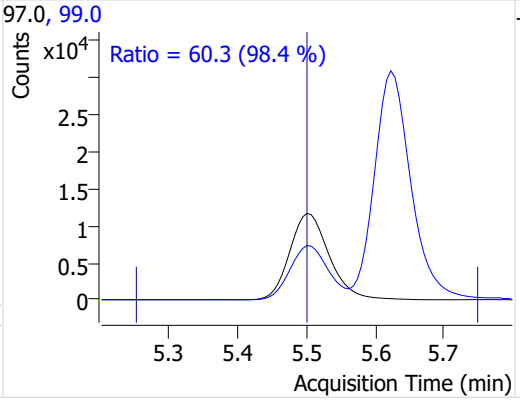


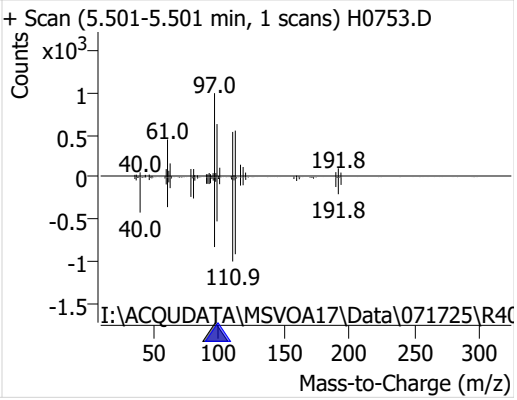




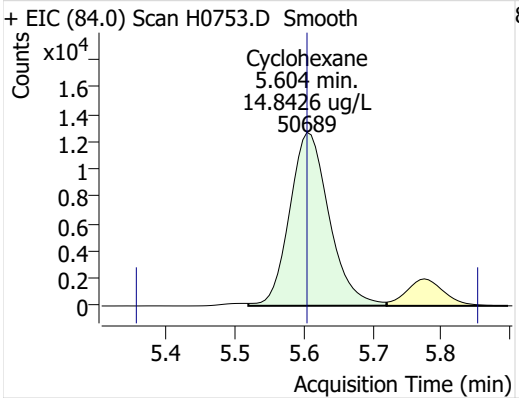
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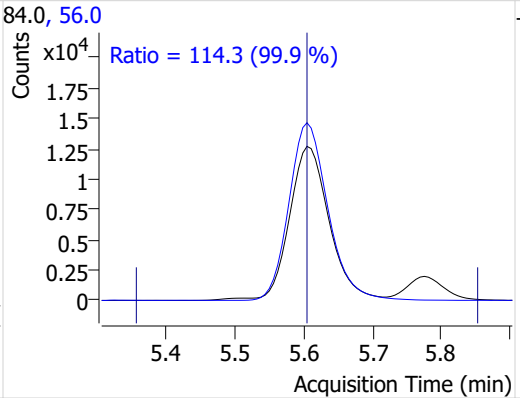


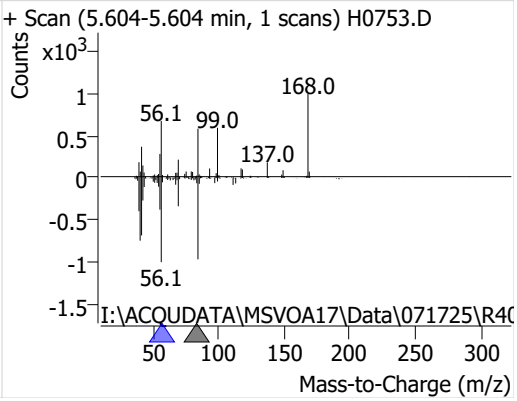




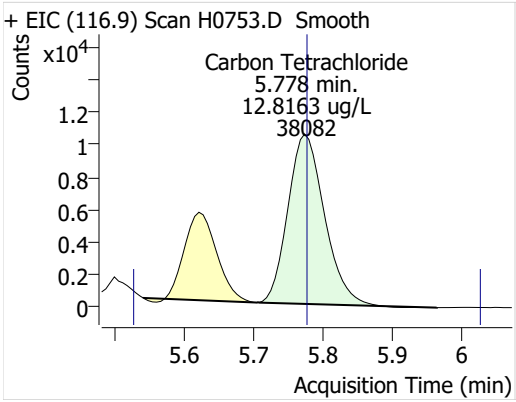
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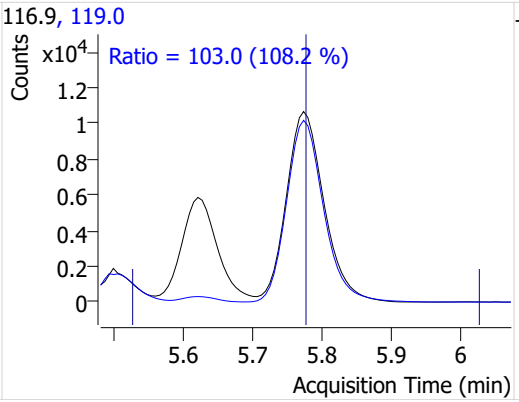


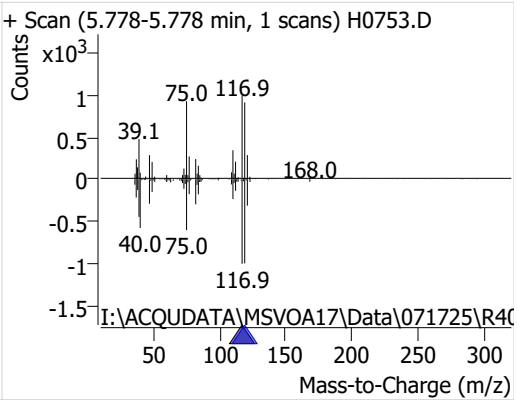




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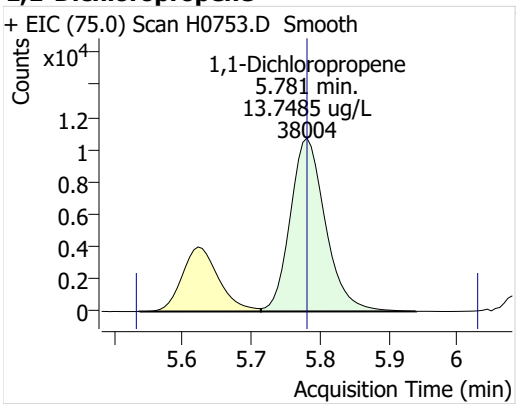


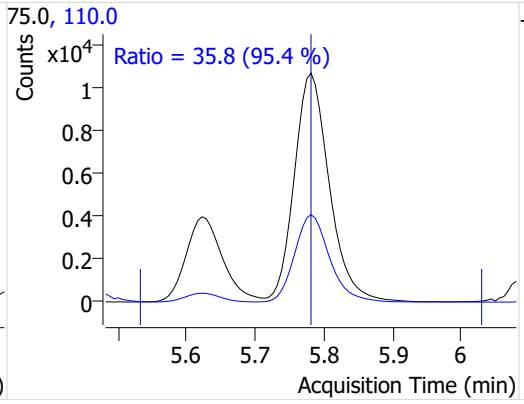


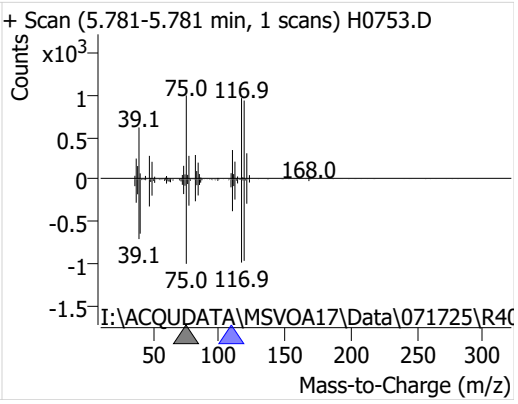


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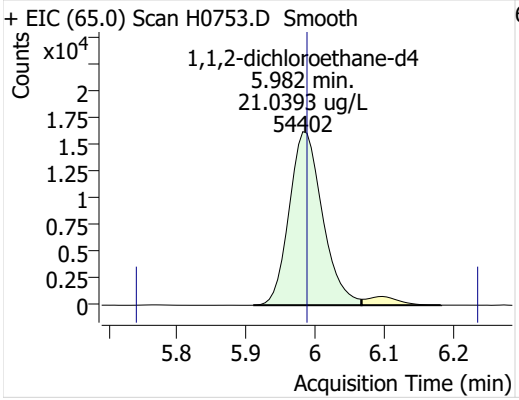
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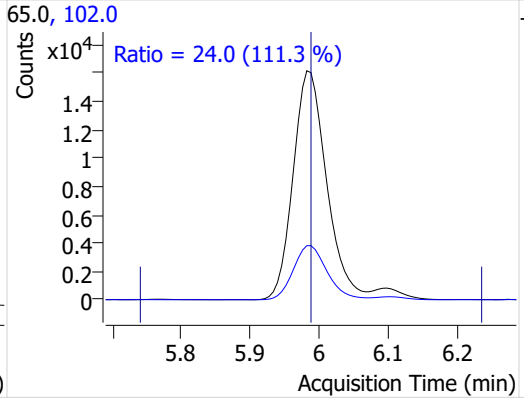


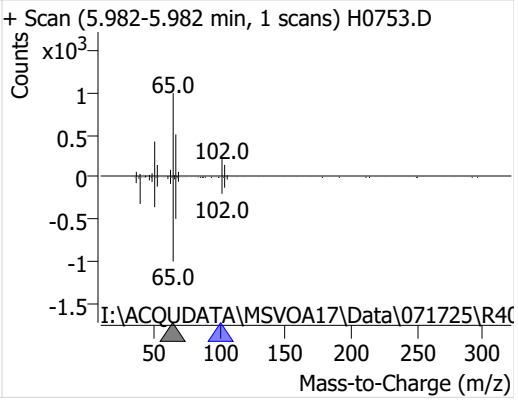




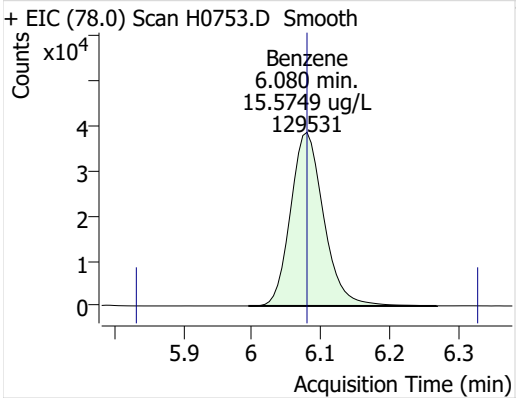
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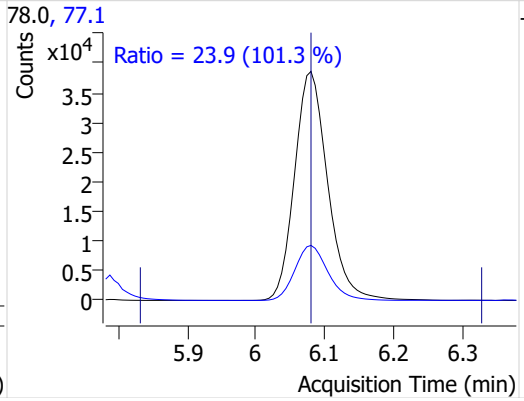


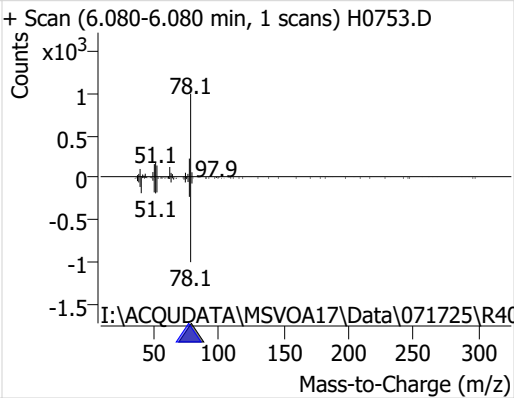




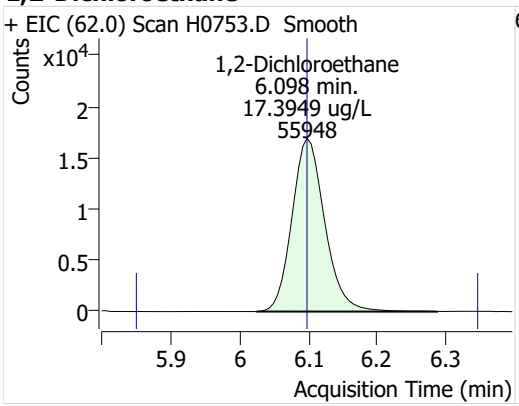
Benzene

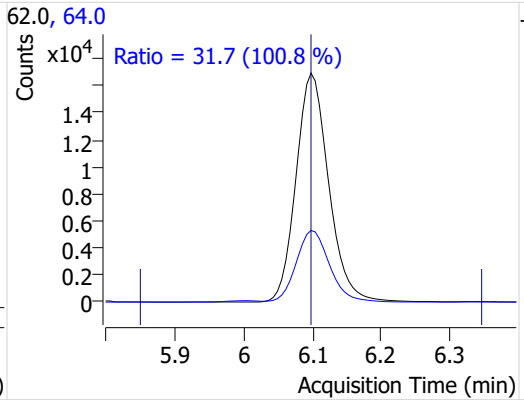


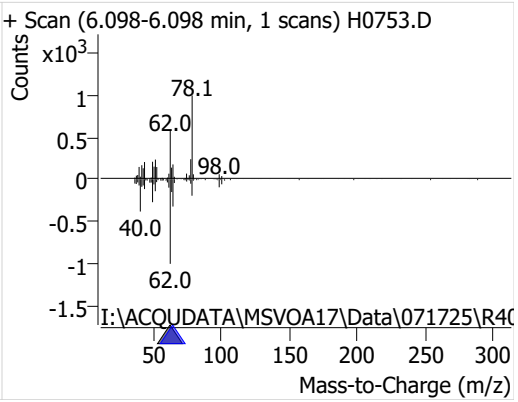




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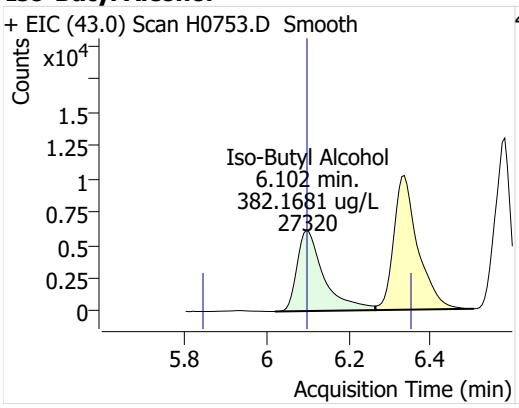


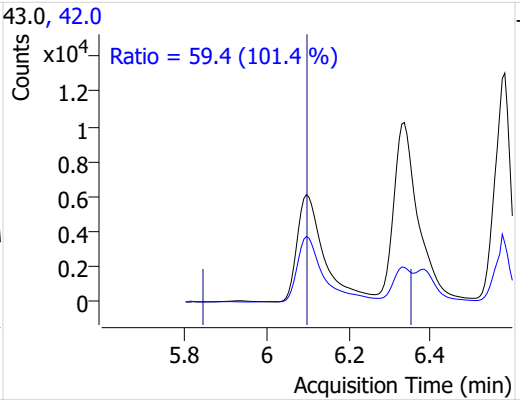


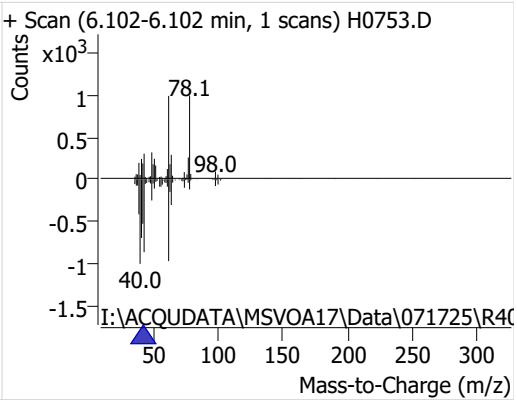


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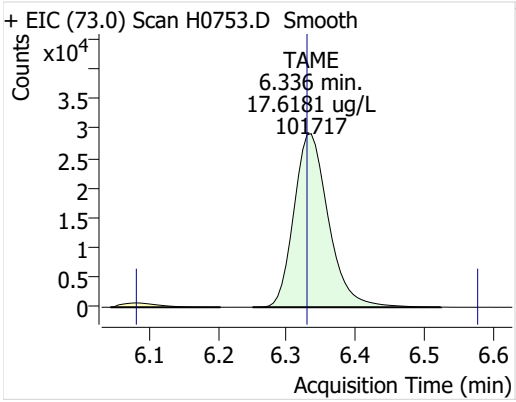
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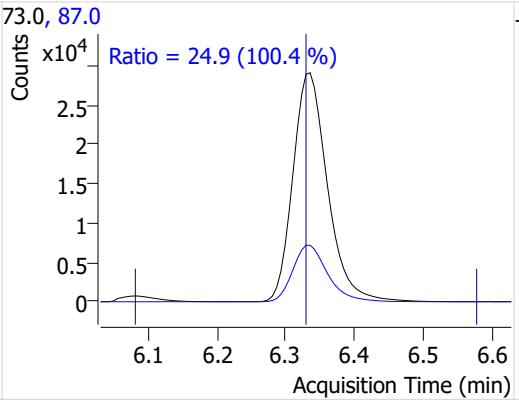


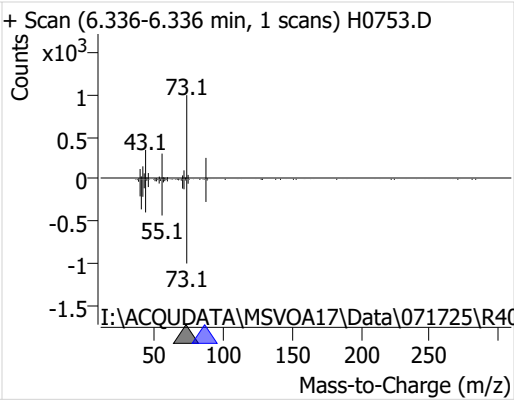




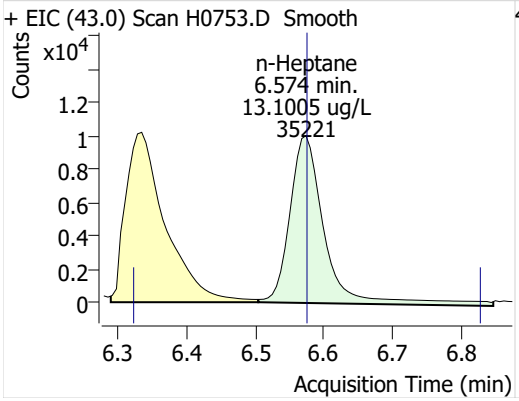
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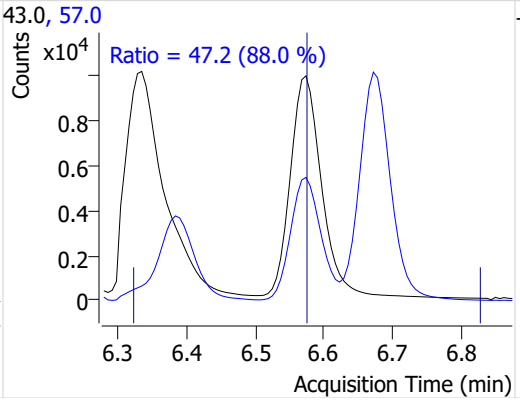


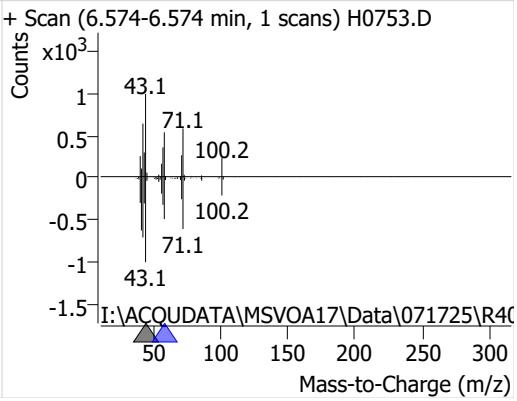




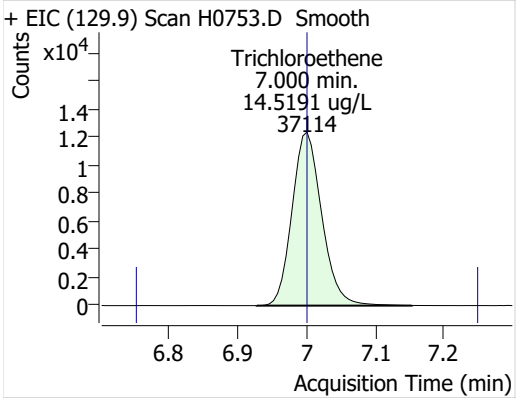
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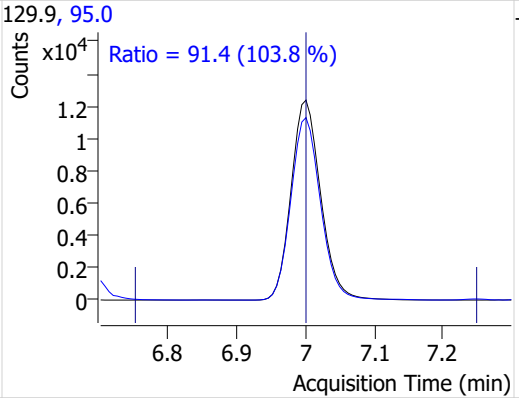


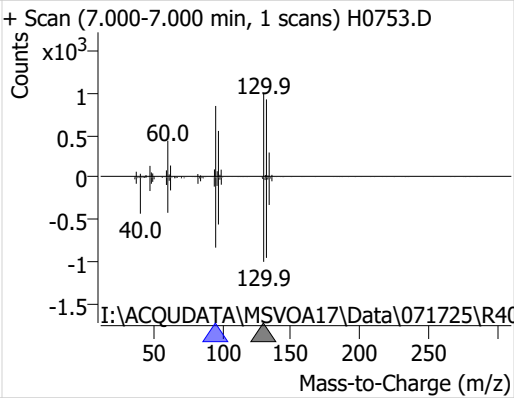




Trichloroethene

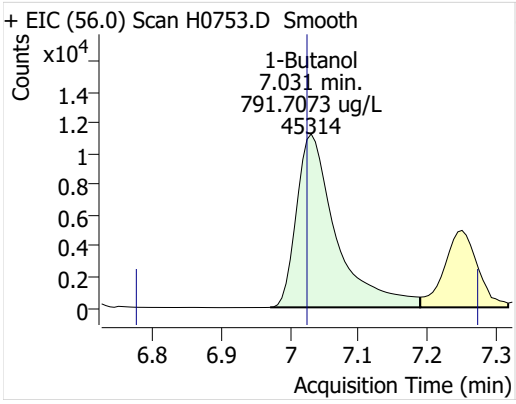


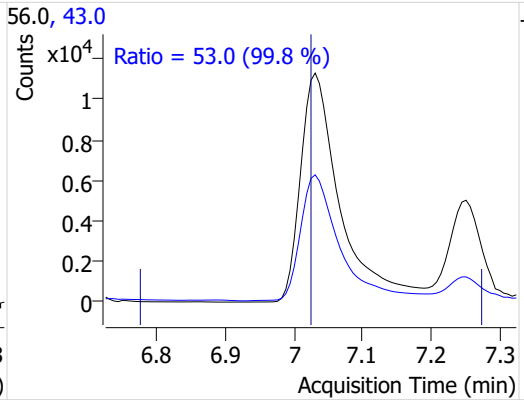


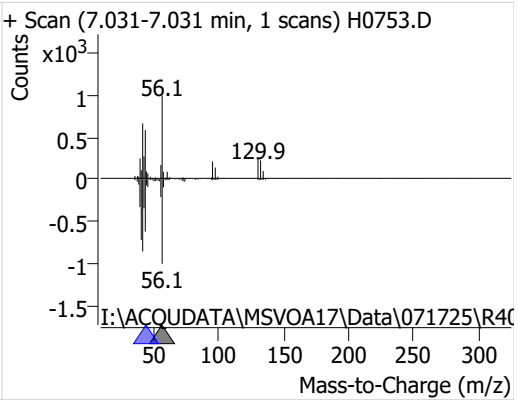


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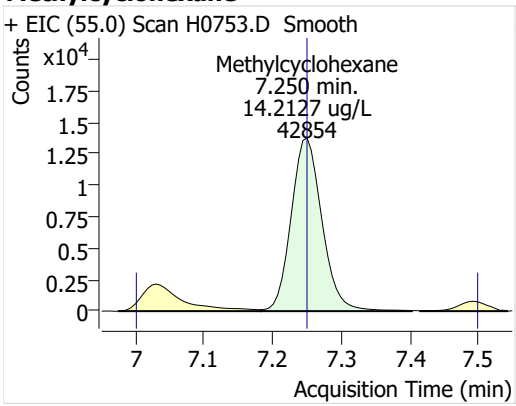
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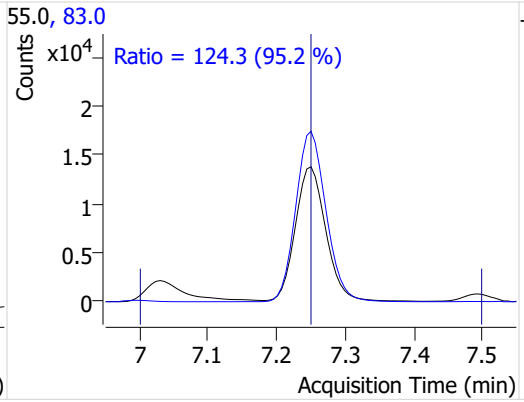


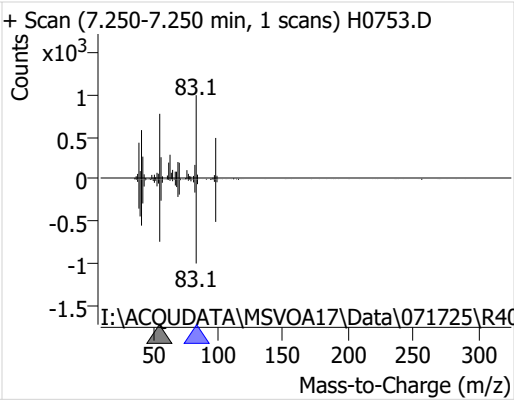




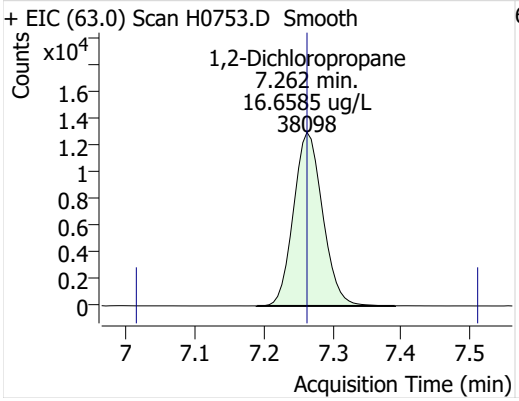
Methylcyclohexane

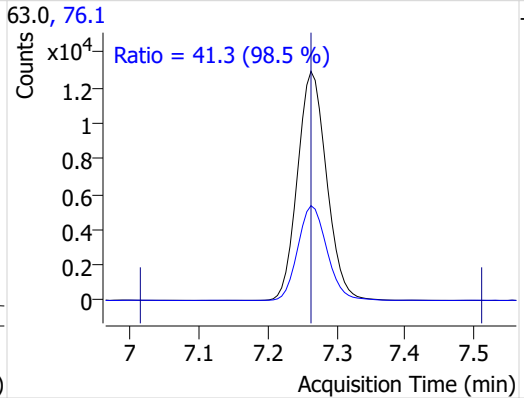


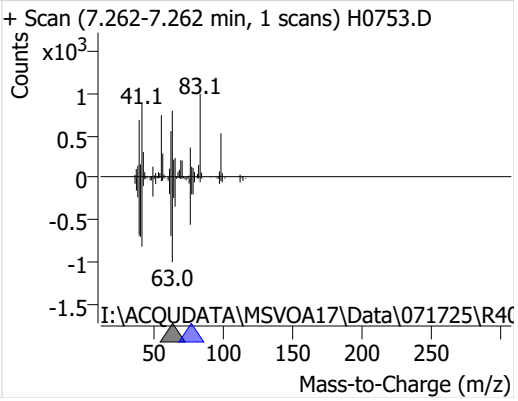




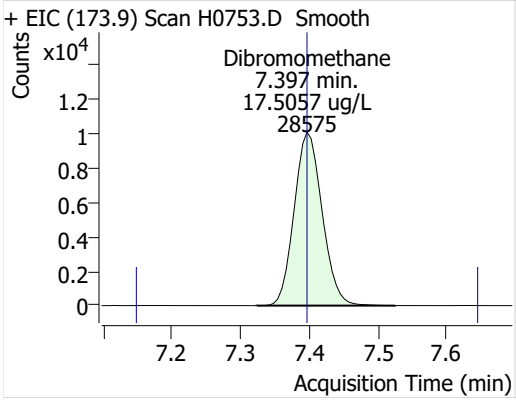
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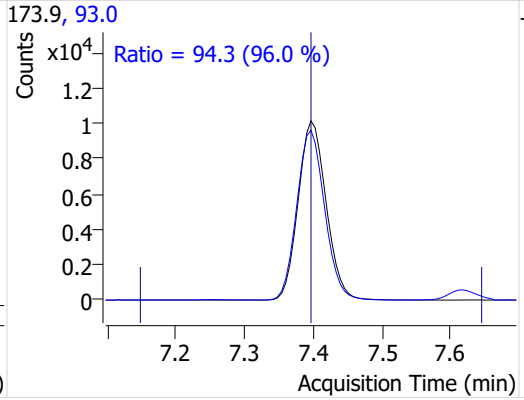


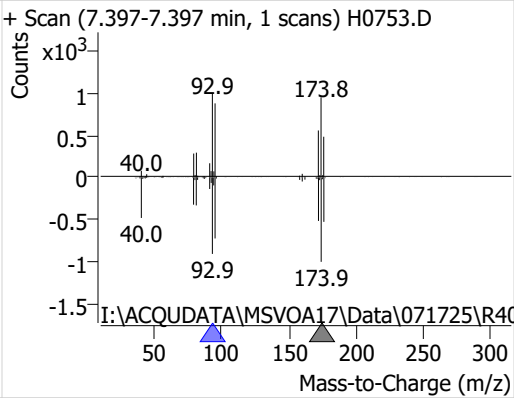




Dibromomethane

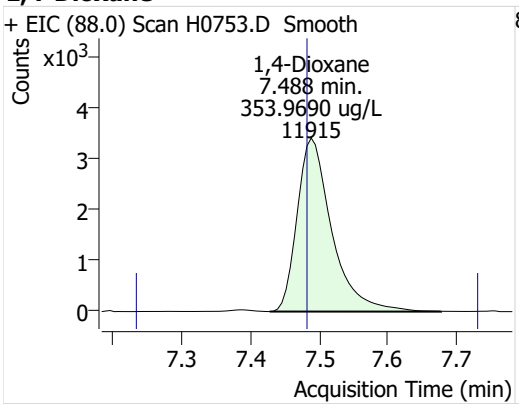


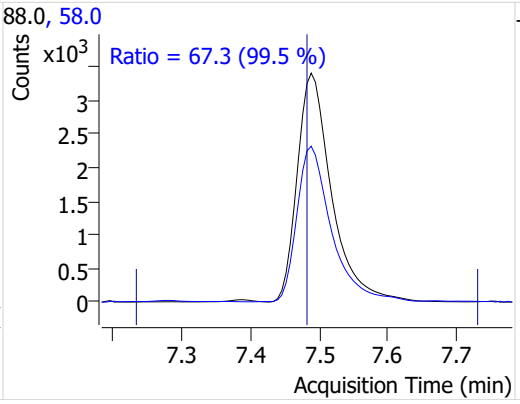


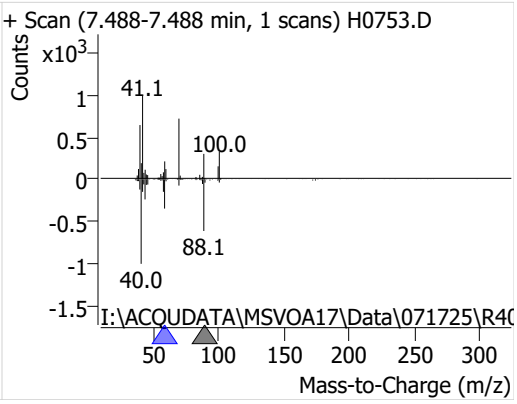


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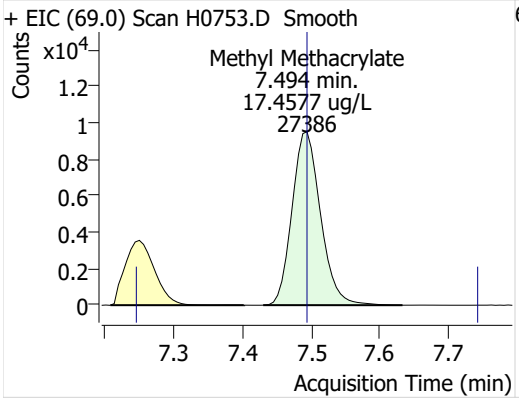
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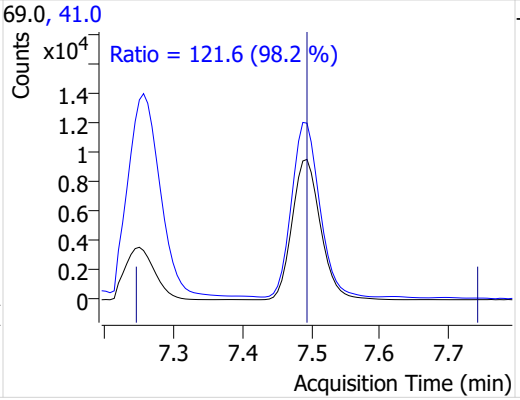


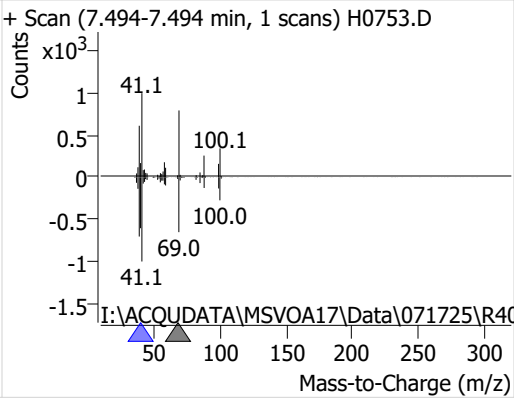




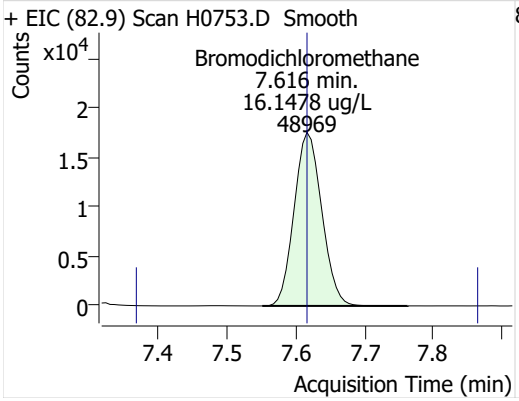
Methyl Methacrylate

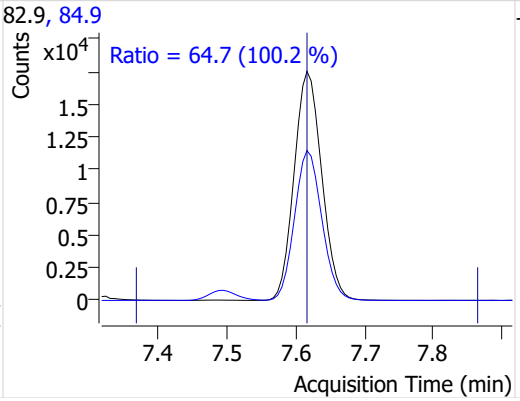


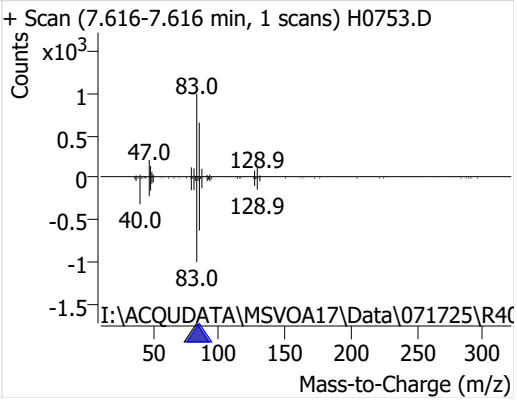




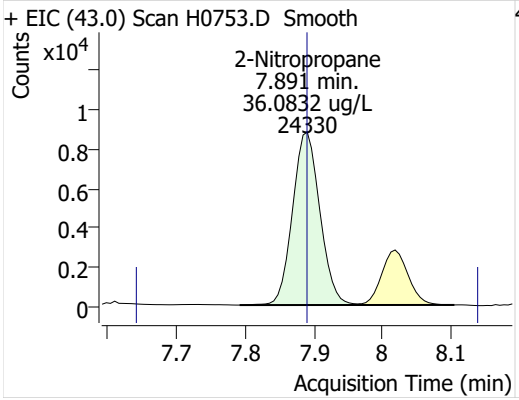
Bromodichloromethane

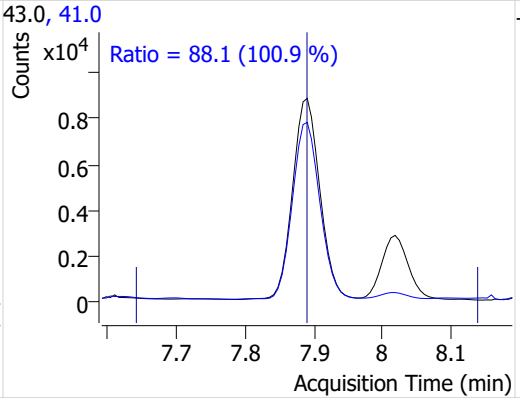


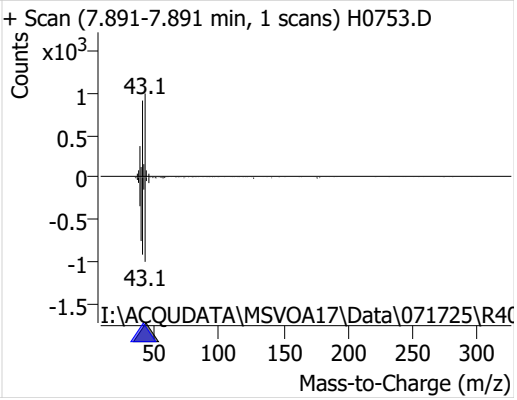




2-Nitropropane

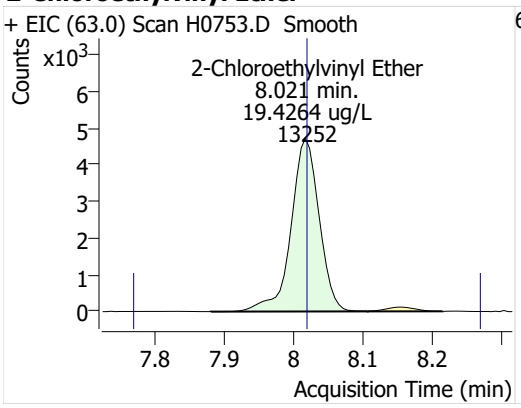


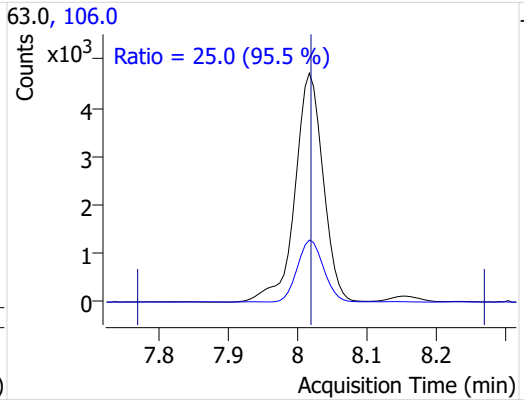


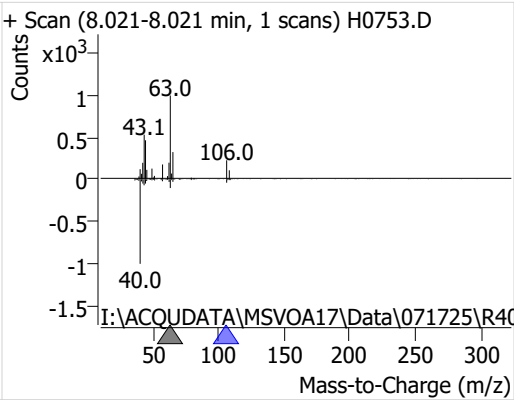


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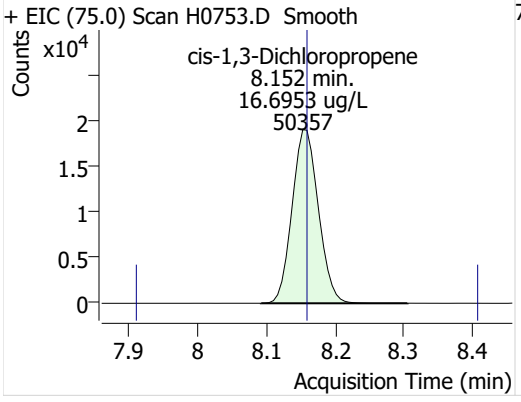
2-Chloroethylvinyl Ether

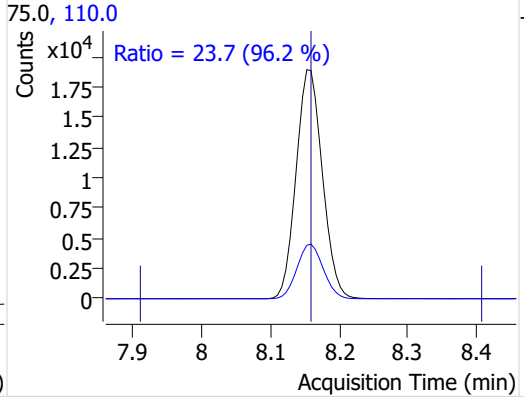


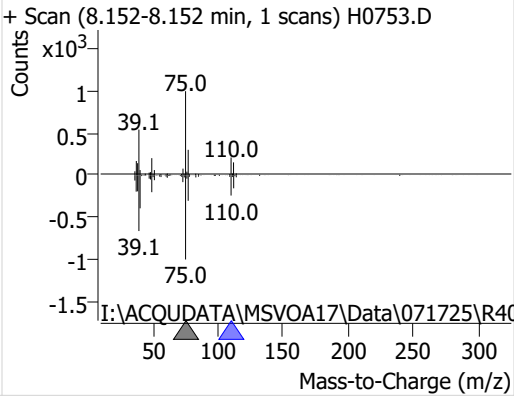




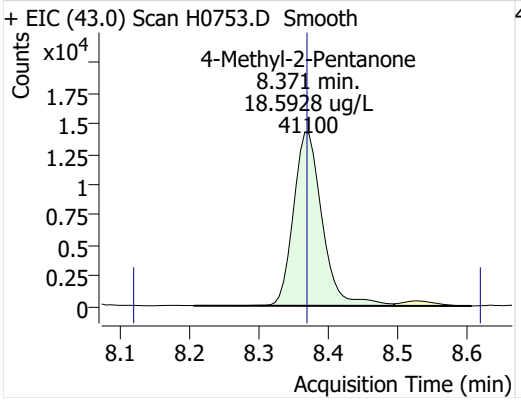
cis-1,3-Dichloropropene

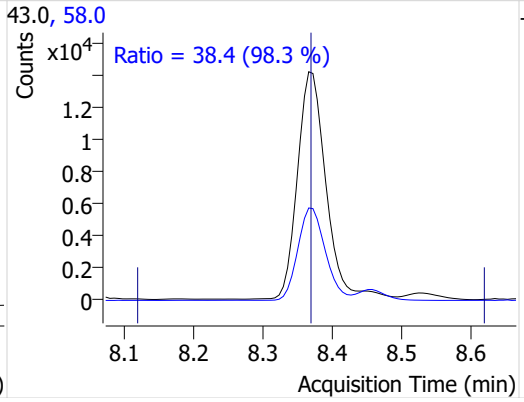


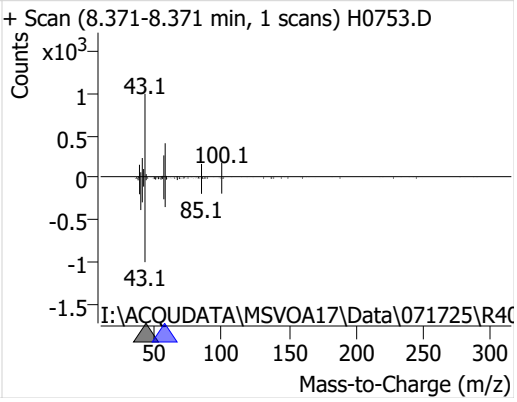




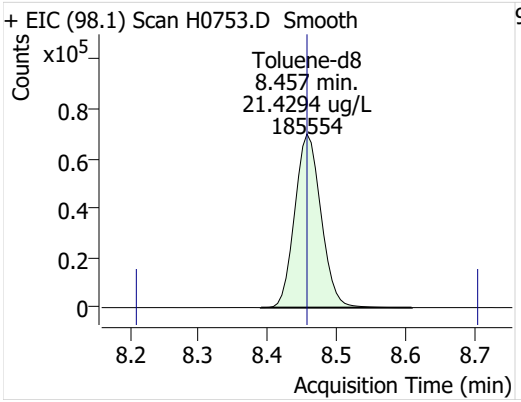
4-Methyl-2-Pentanone

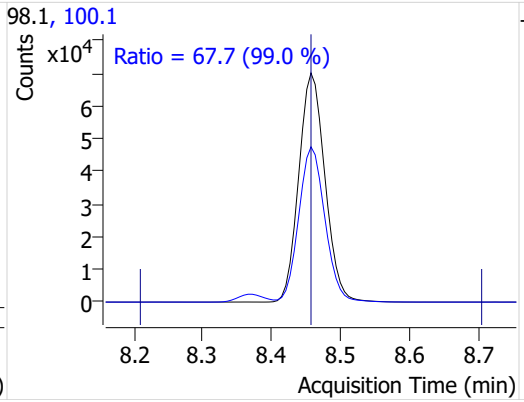


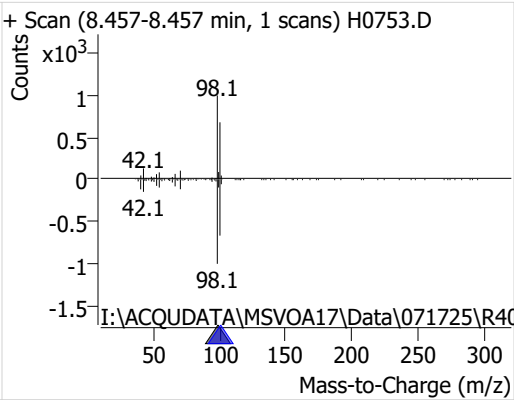




Toluene-d8

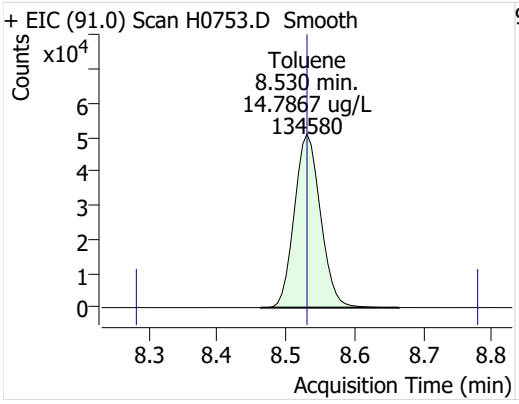


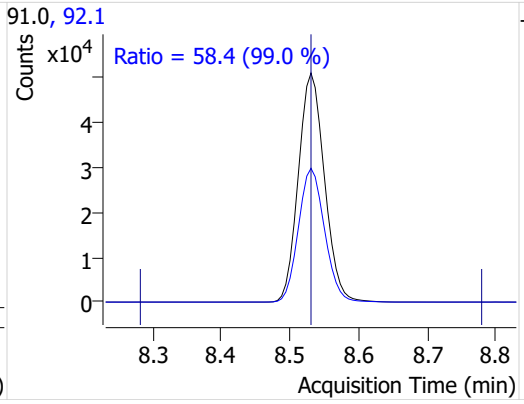


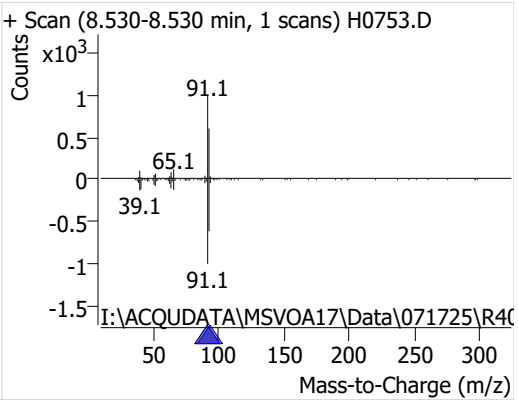


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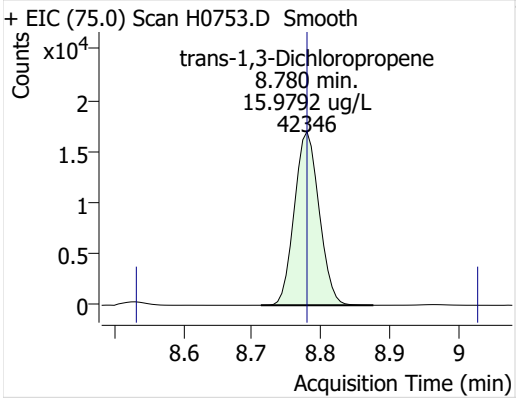
Toluene

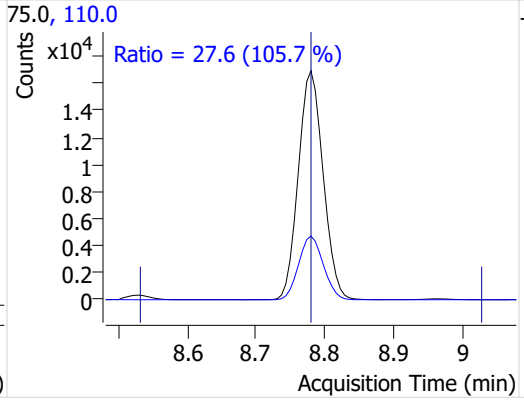


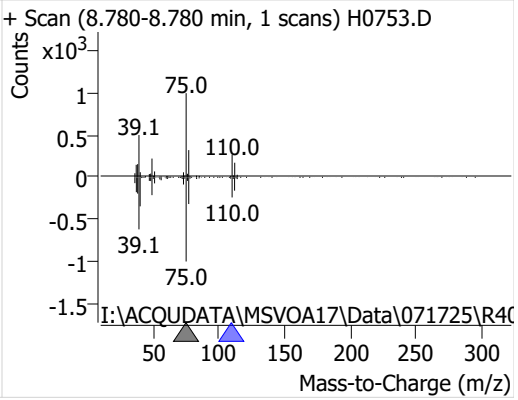




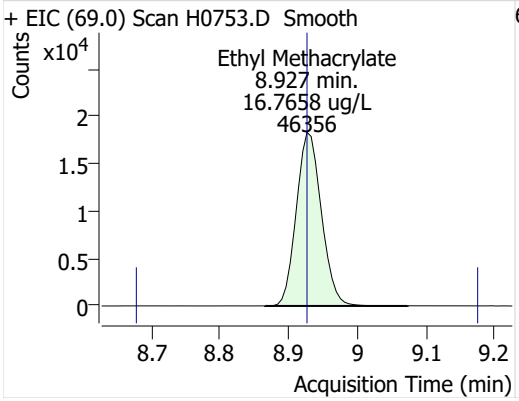
trans-1,3-Dichloropropene

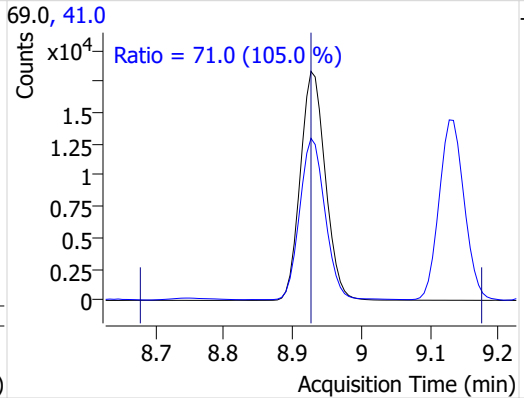


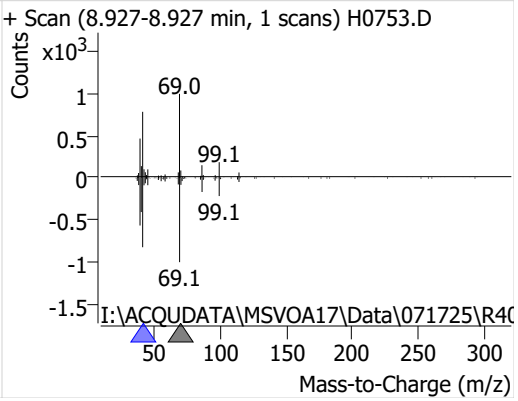




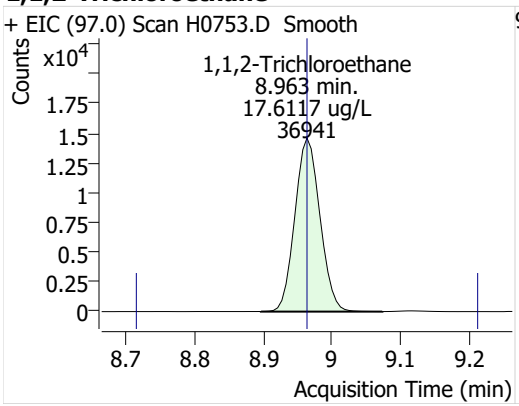
Ethyl Methacrylate

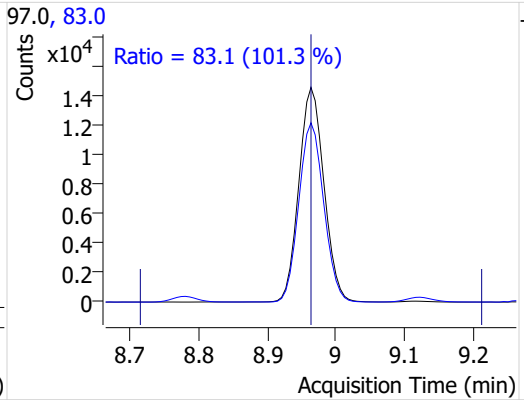


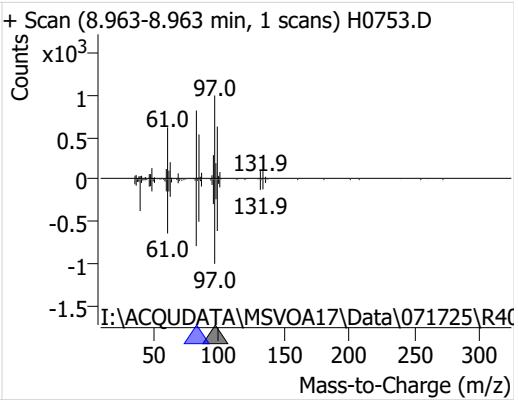




1,1,2-Trichloroethane

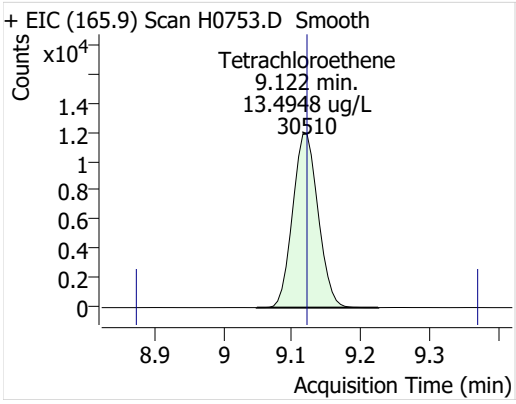


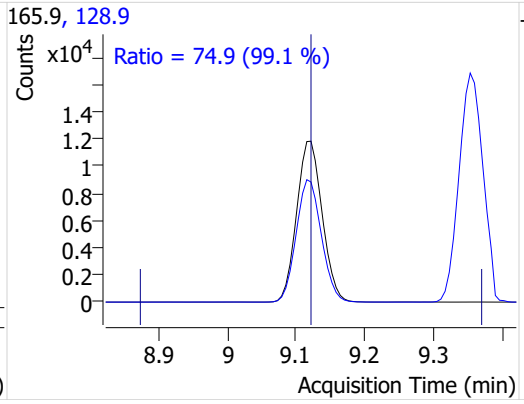


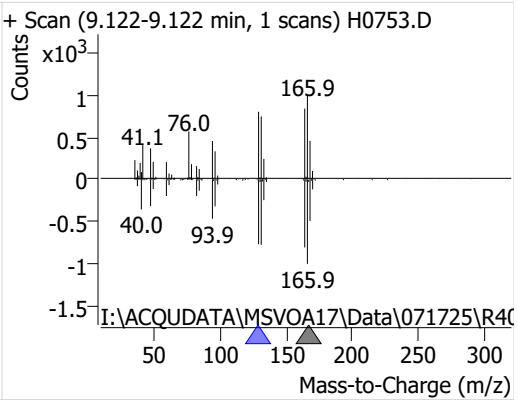


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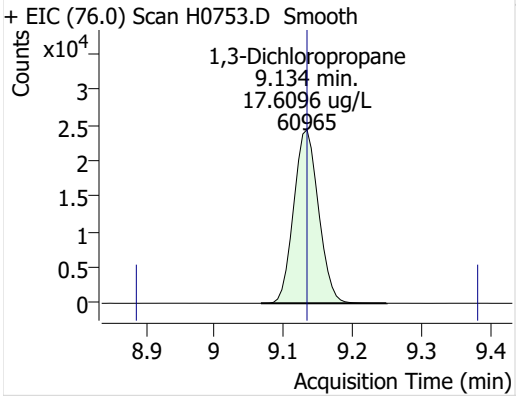
Tetrachloroethene

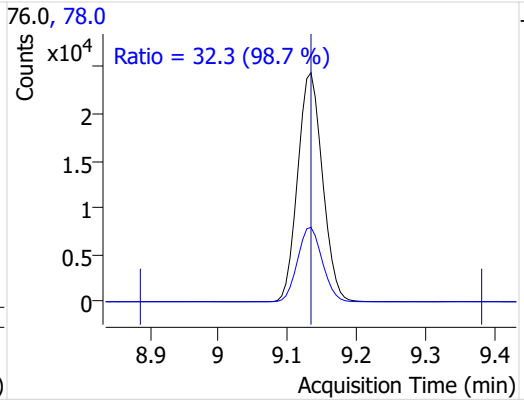


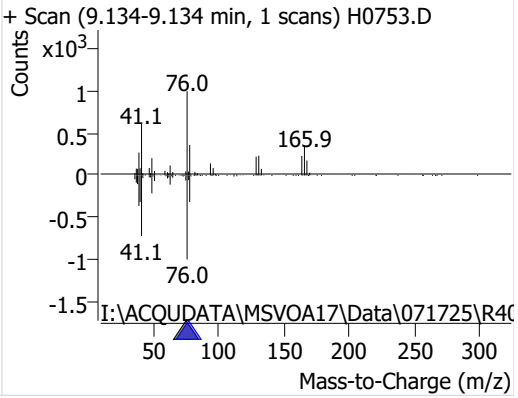




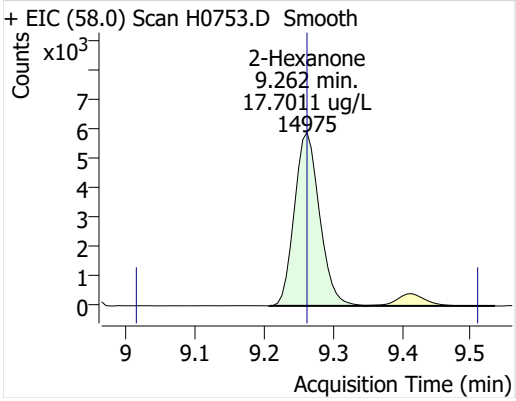
1,3-Dichloropropane

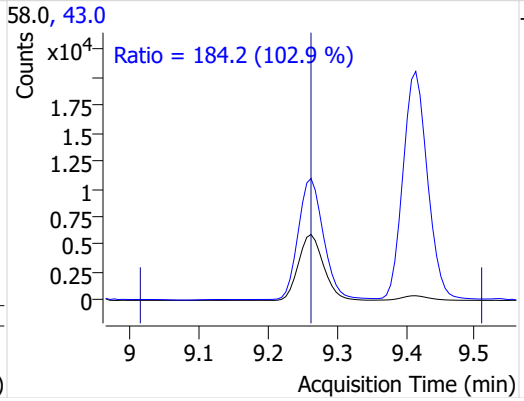


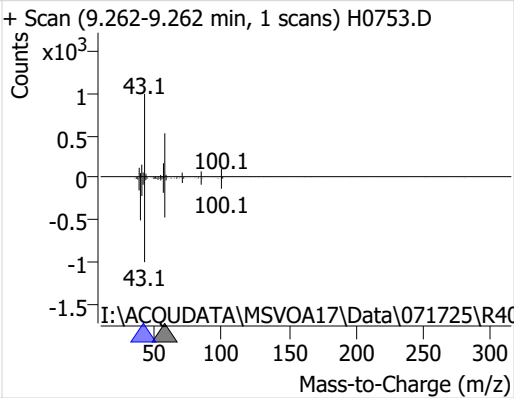




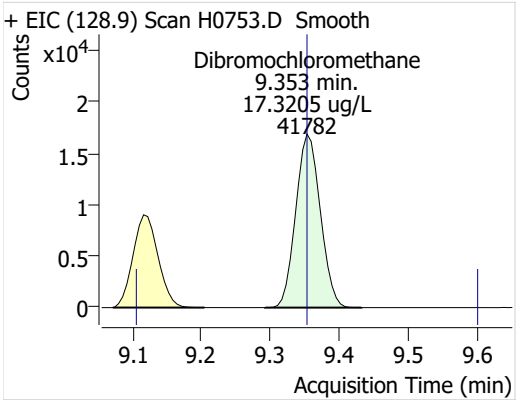
2-Hexanone

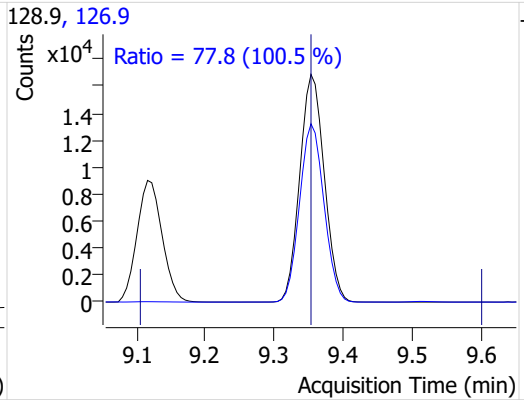


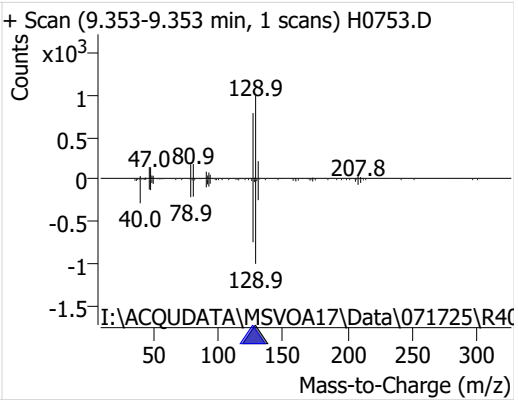




Dibromochloromethane

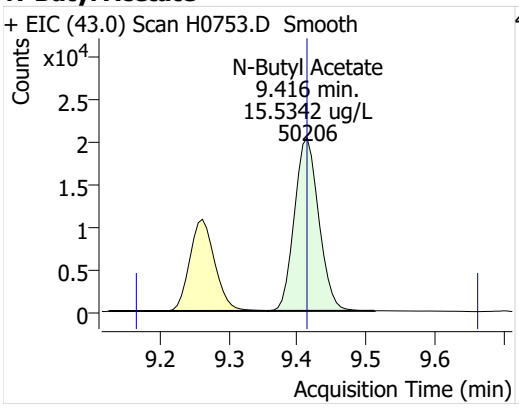


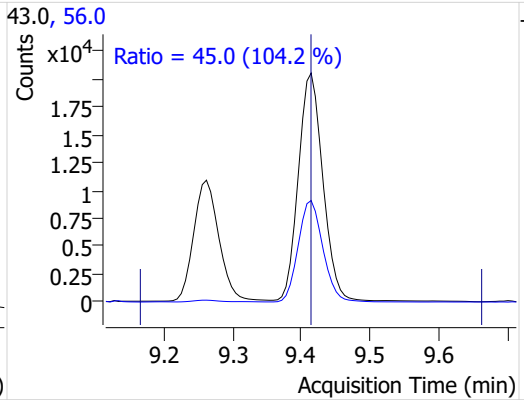


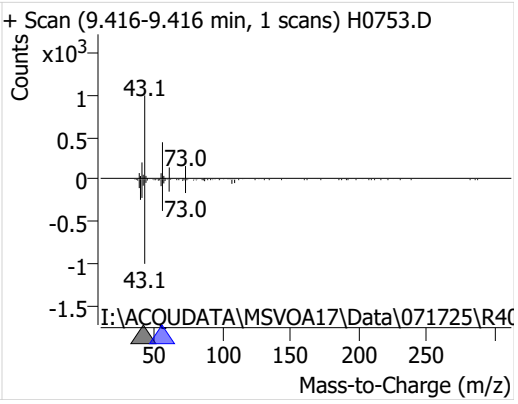


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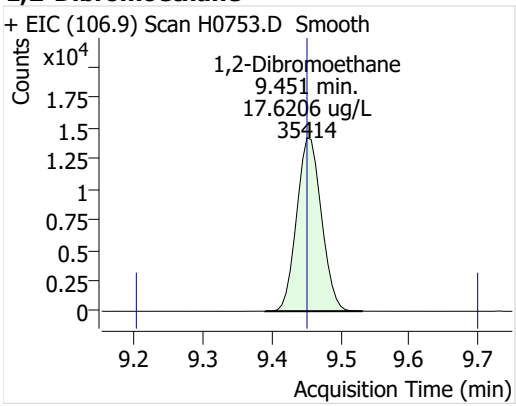
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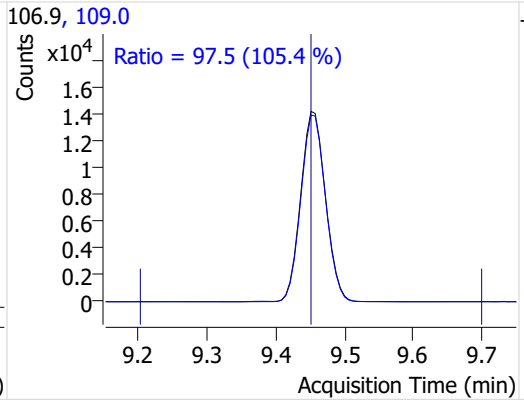


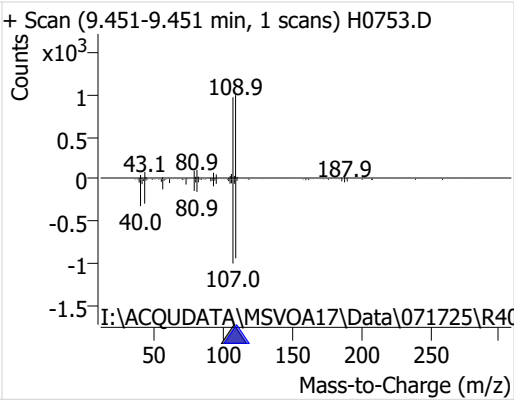




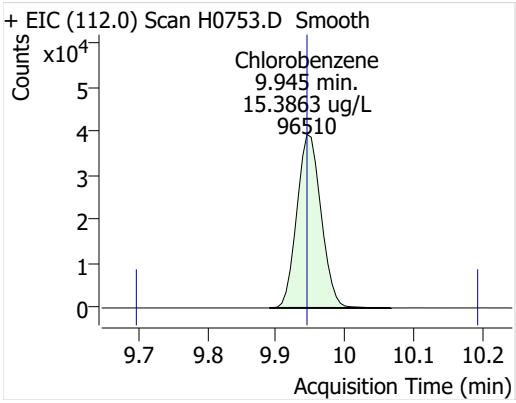
1,2-Dibromoethane

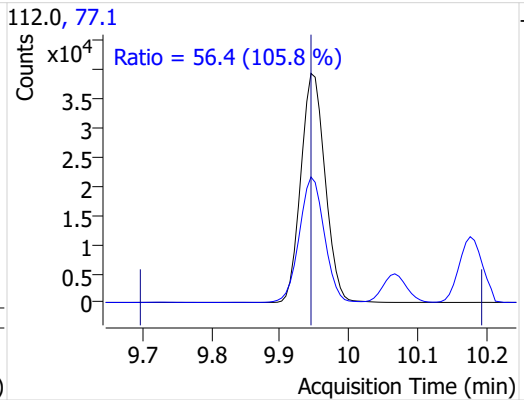


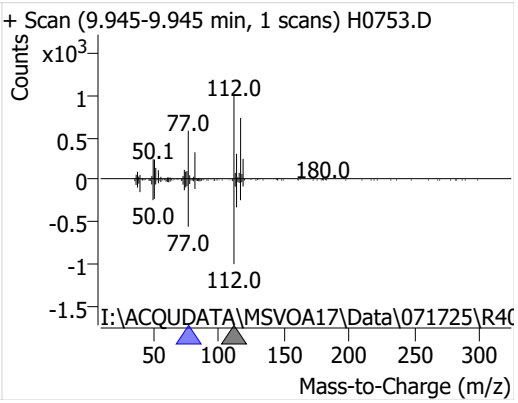




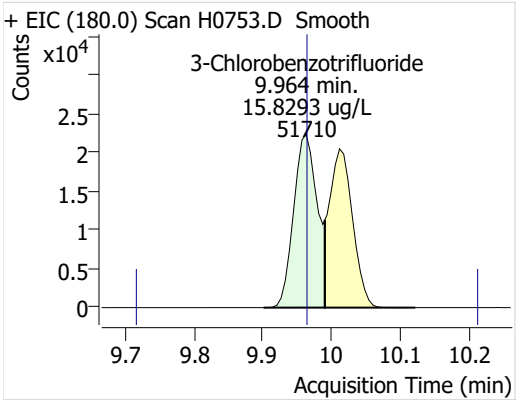
Chlorobenzene

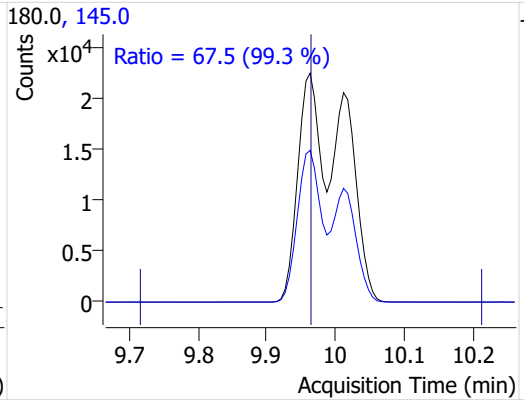


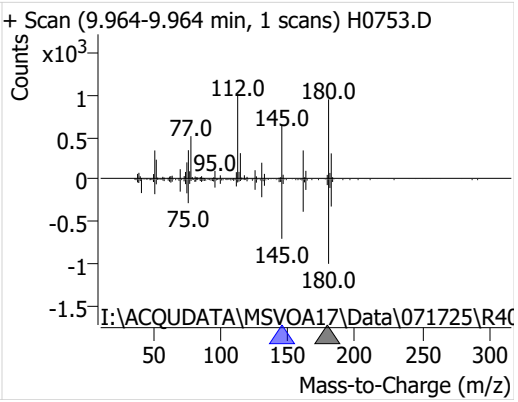




3-Chlorobenzotrifluoride

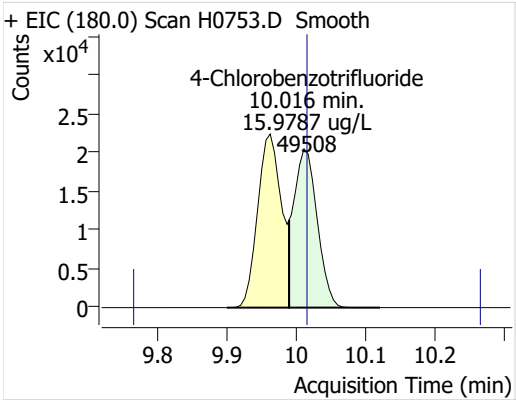


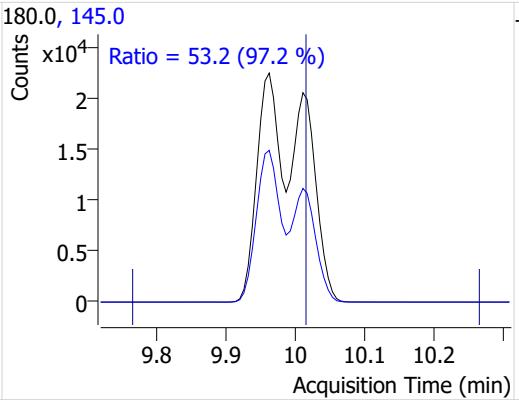


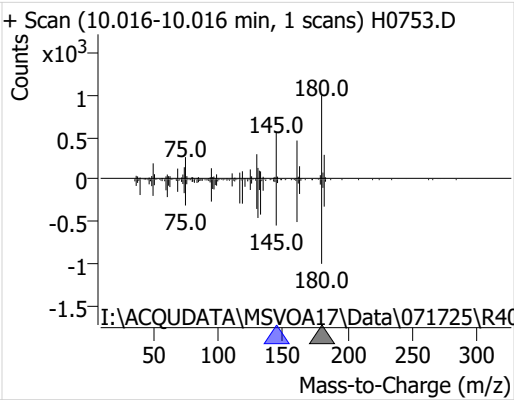


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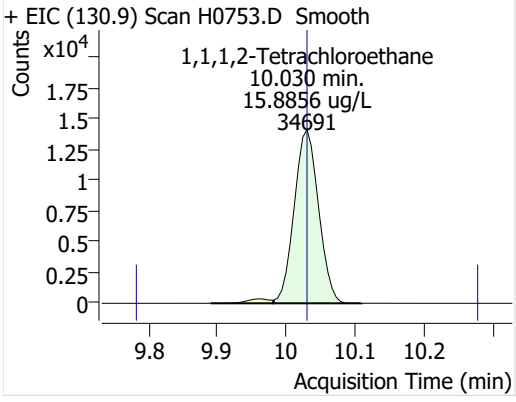
4-Chlorobenzotrifluoride

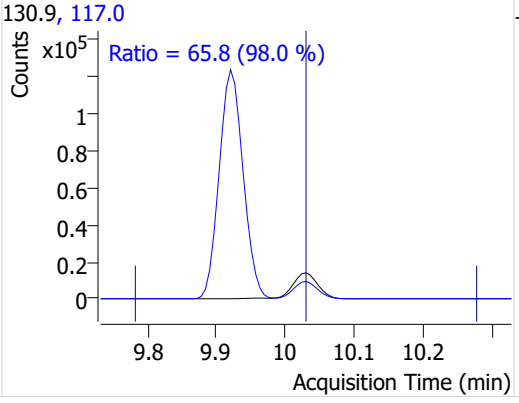


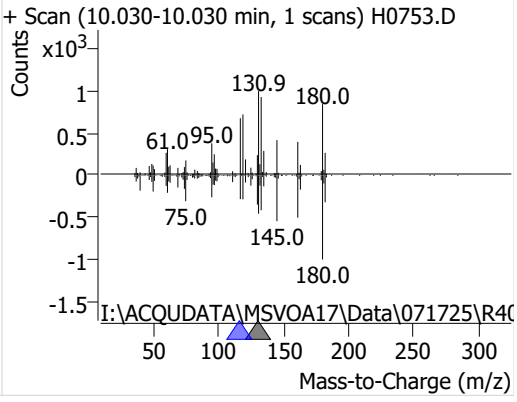




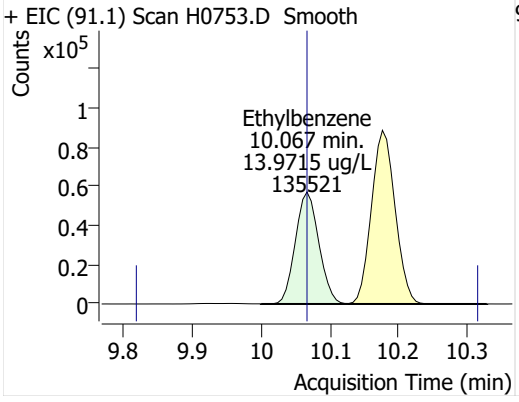
1,1,1,2-Tetrachloroethane

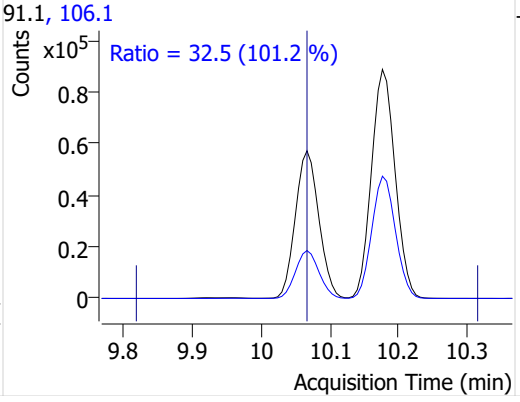


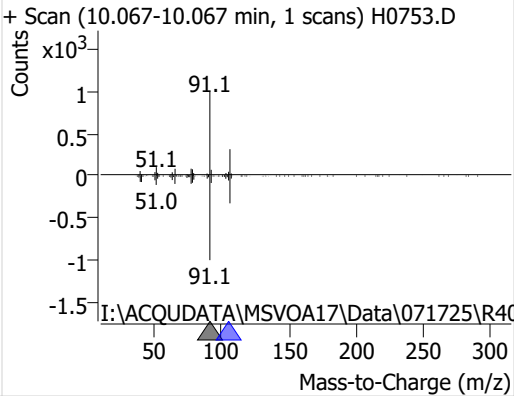




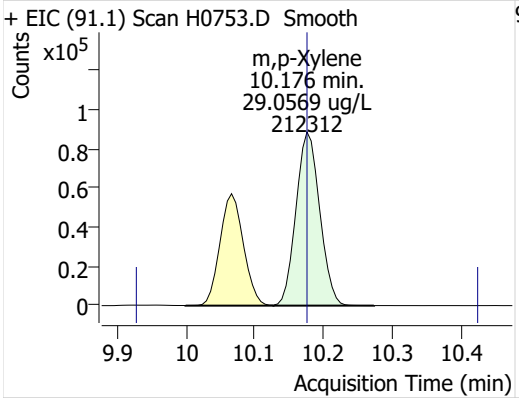
Ethylbenzene

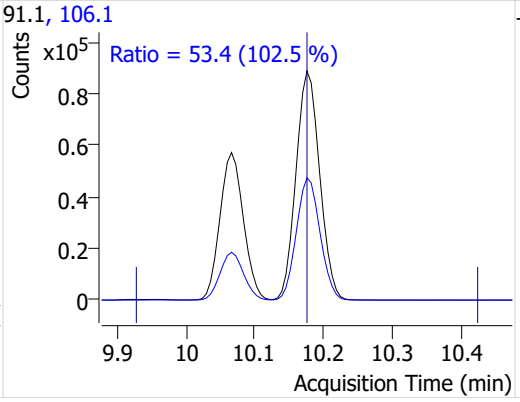


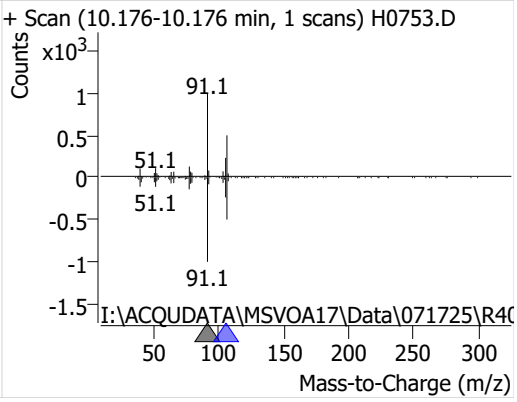




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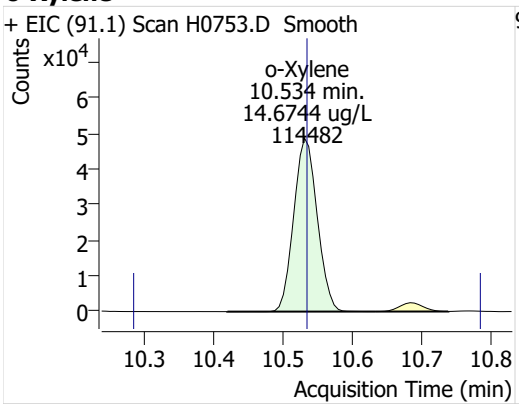


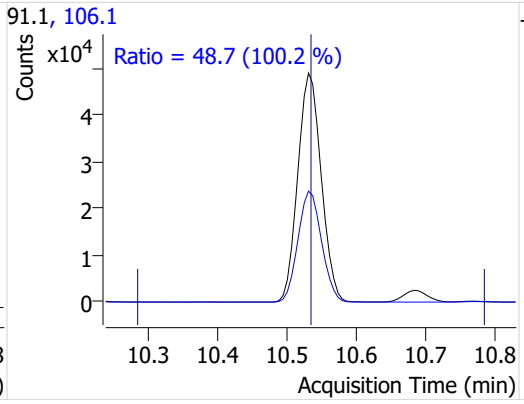


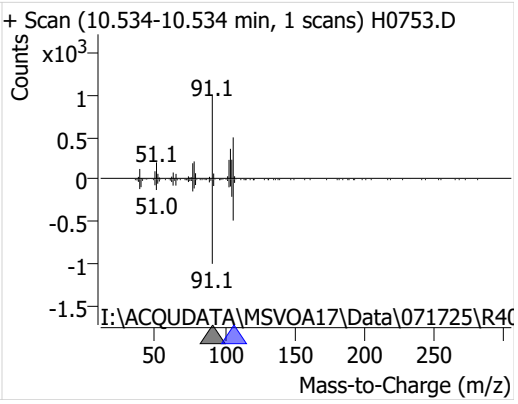


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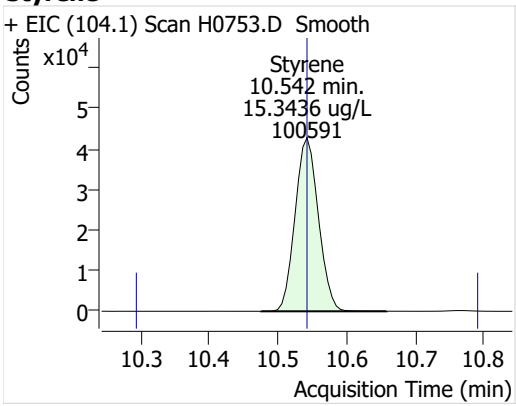
o-Xylene

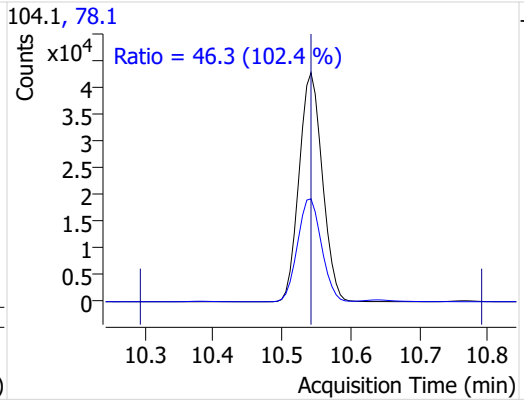


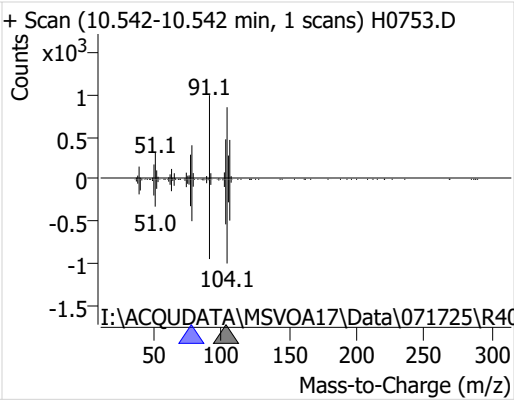




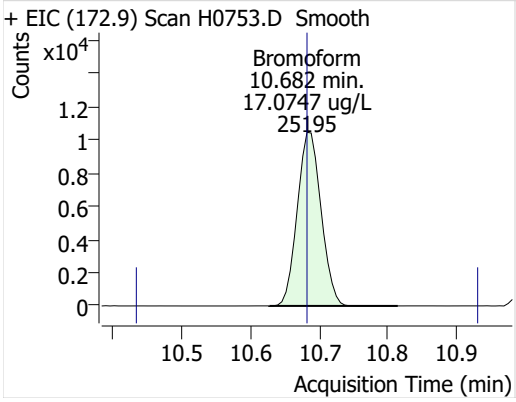
Styrene

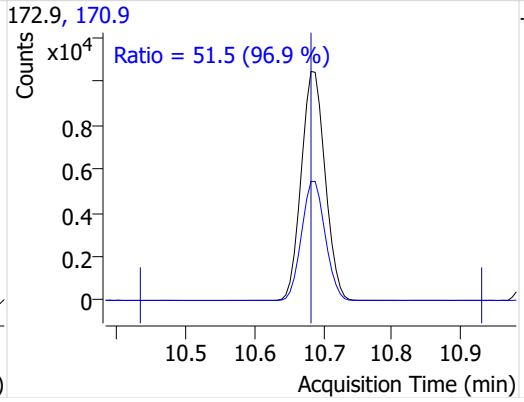


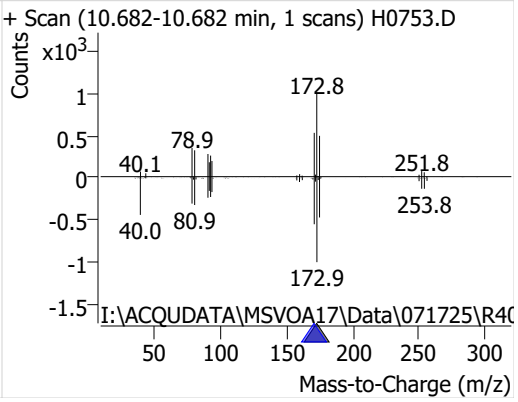




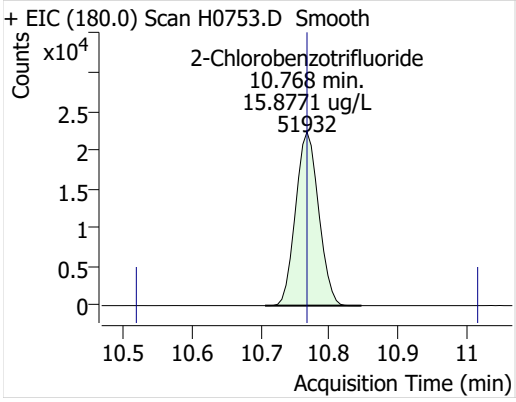
Bromoform

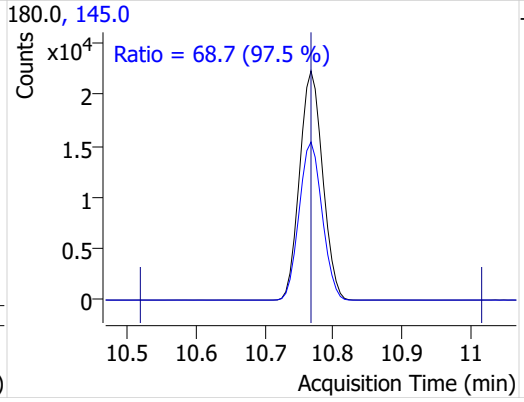


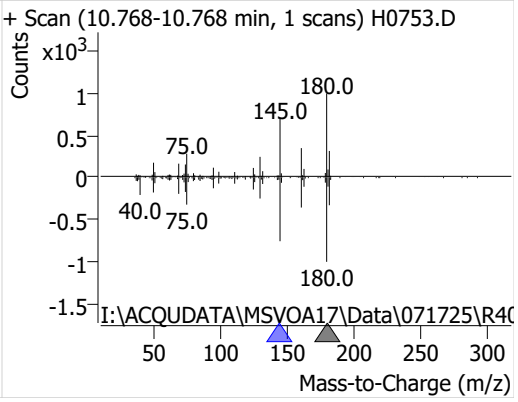




2-Chlorobenzotrifluoride

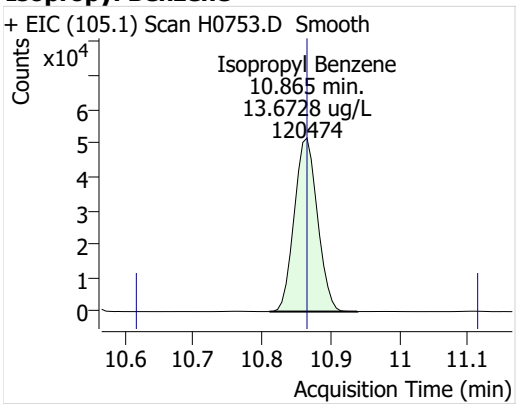


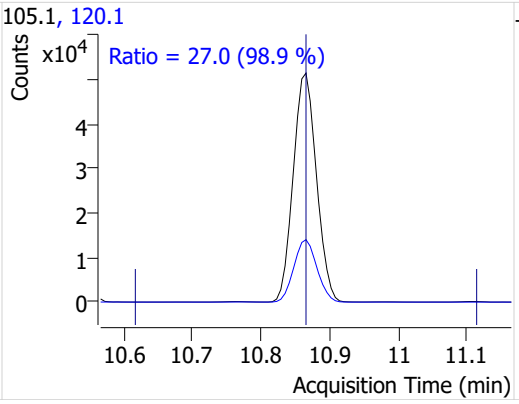


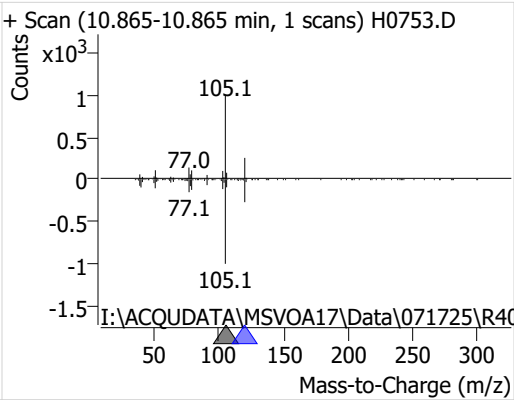


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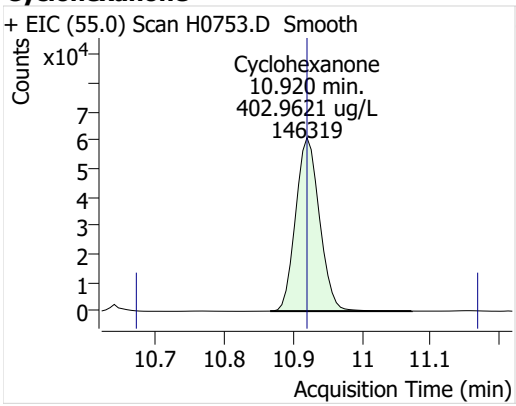
Isopropyl Benzene

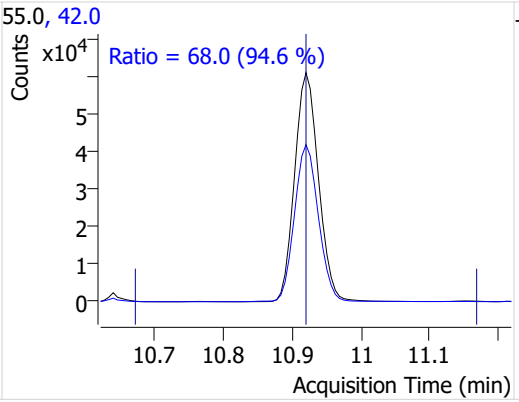


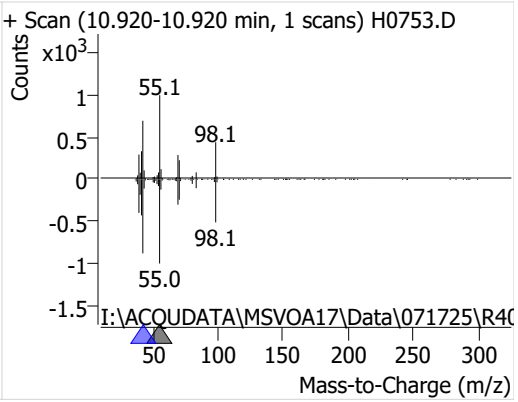




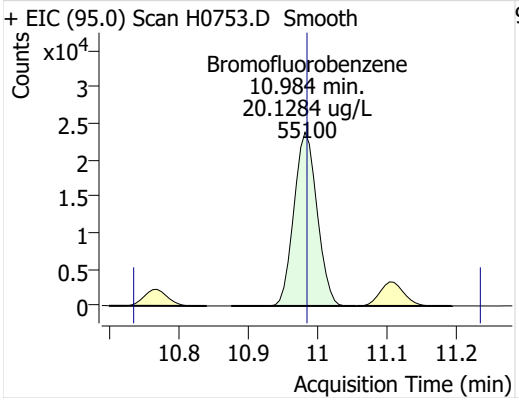
Cyclohexanone

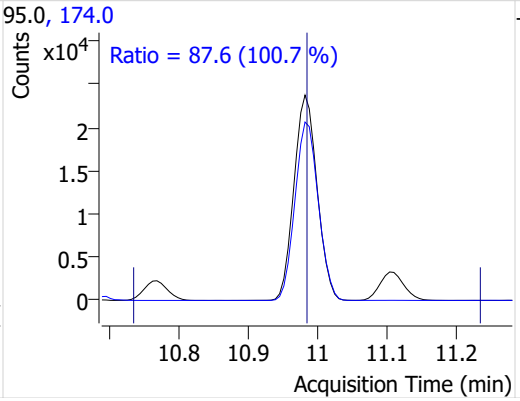


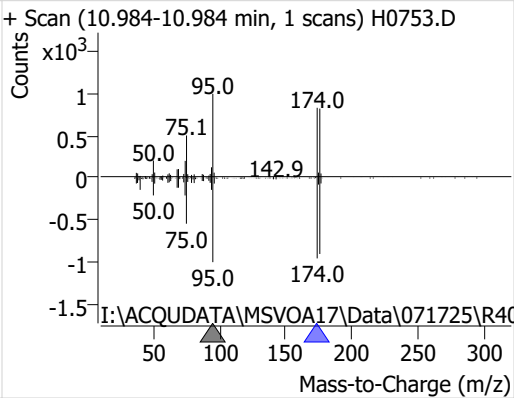




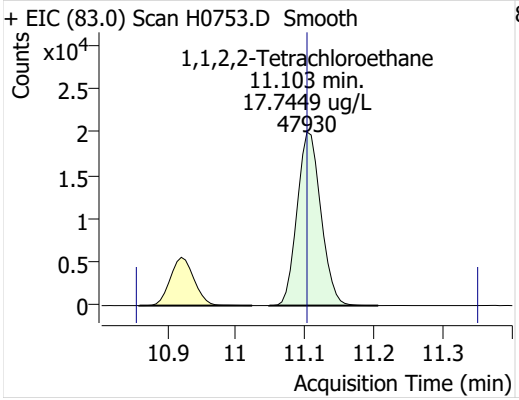
Bromofluorobenzene

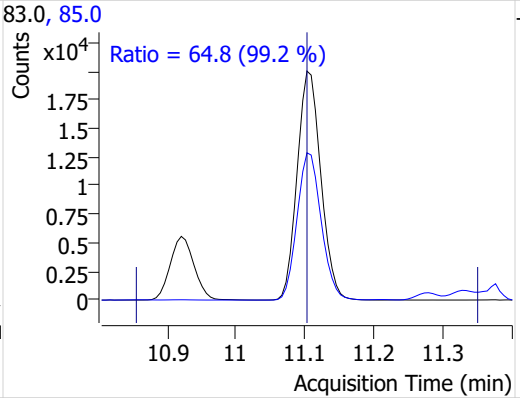


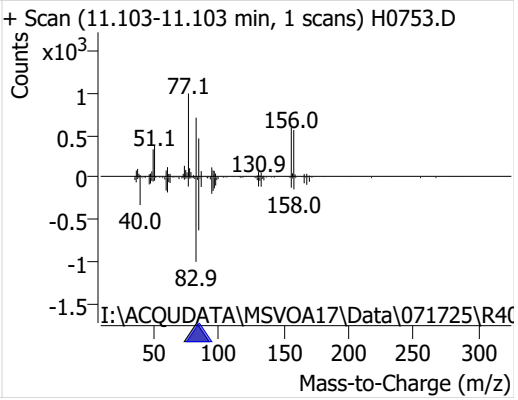




1,1,2,2-Tetrachloroethane

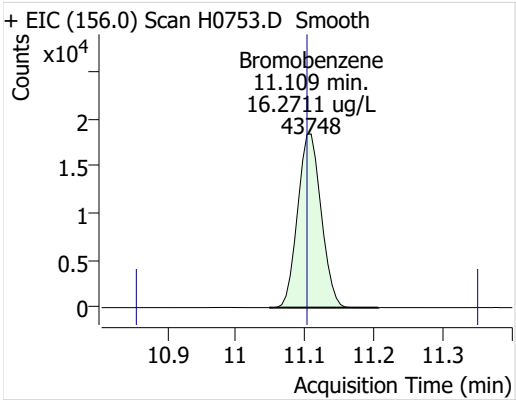


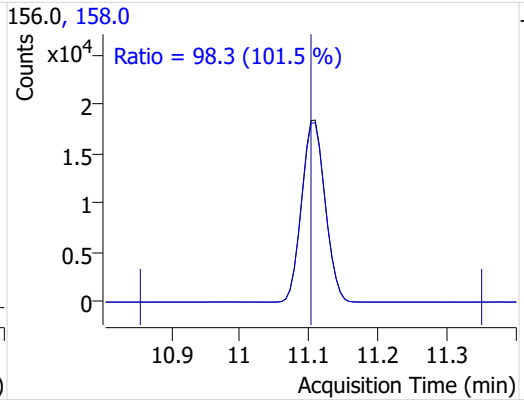


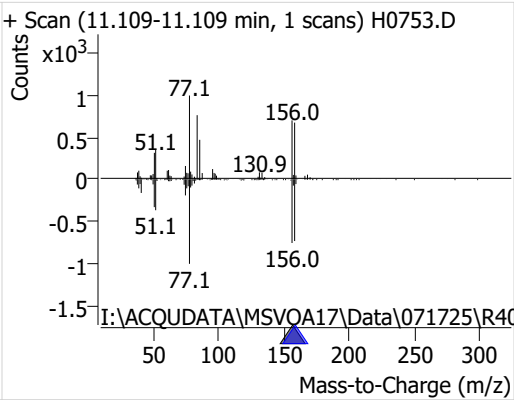


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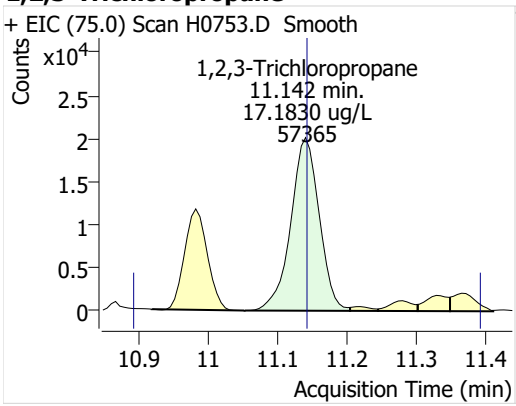
Bromobenzene

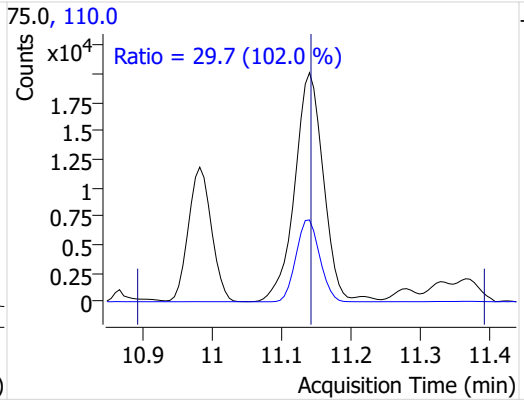


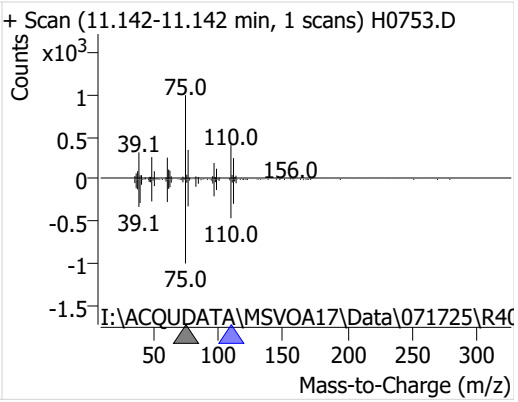




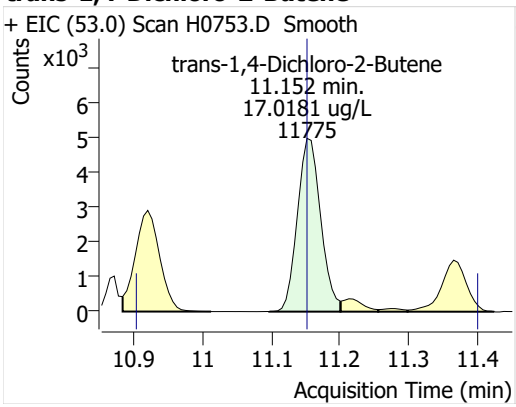
1,2,3-Trichloropropane

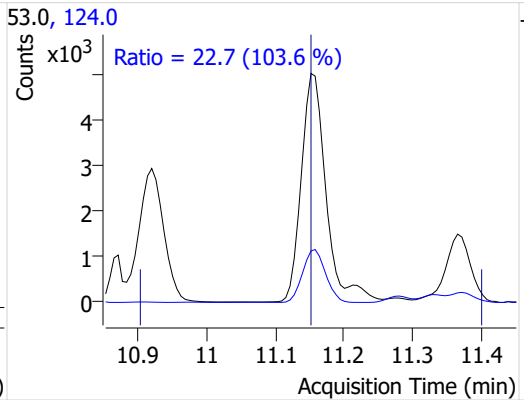


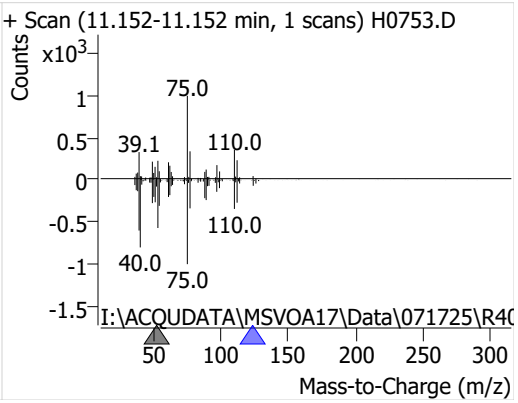




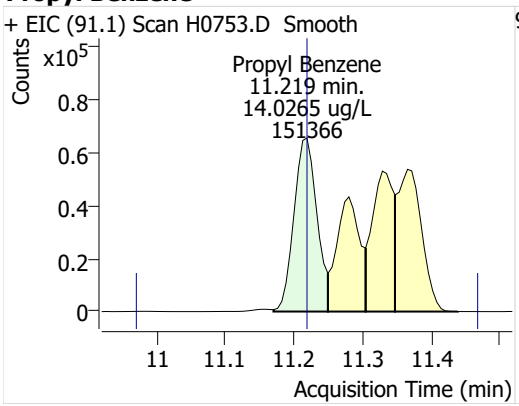
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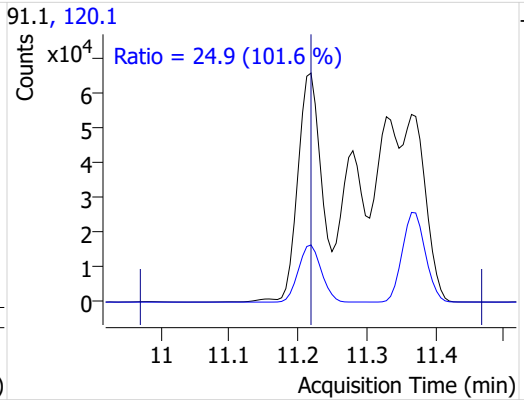


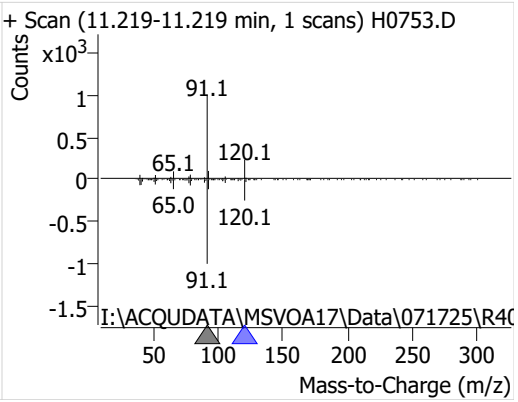




Propyl Benzene

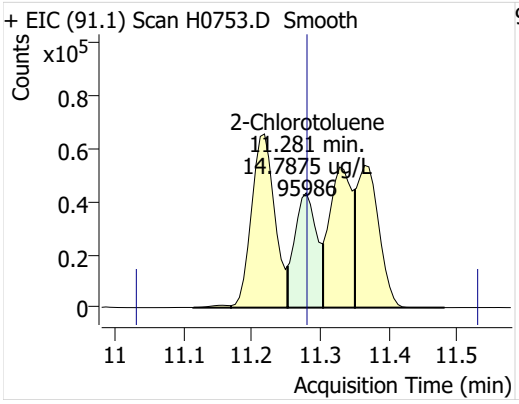


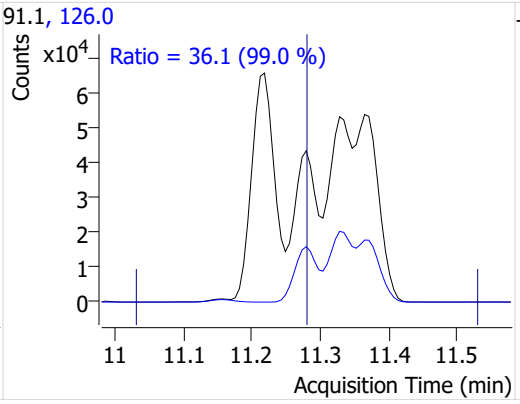


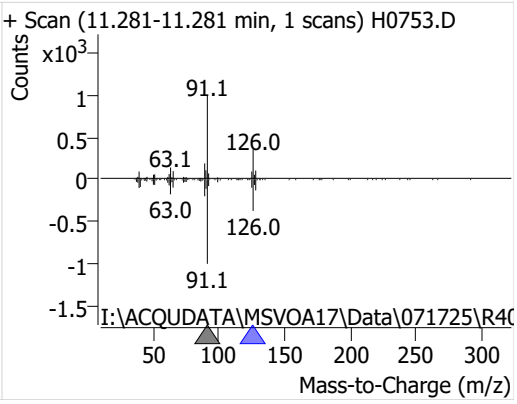


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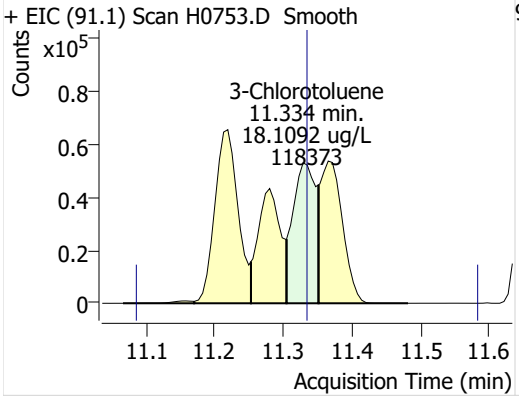
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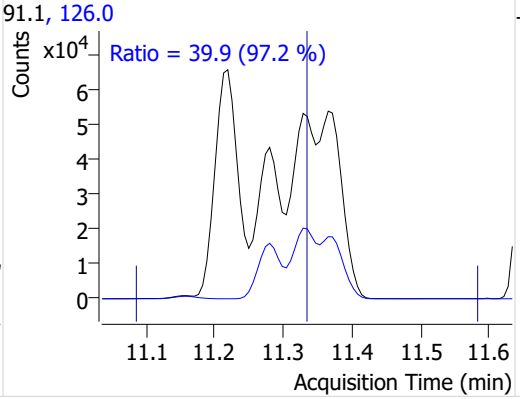


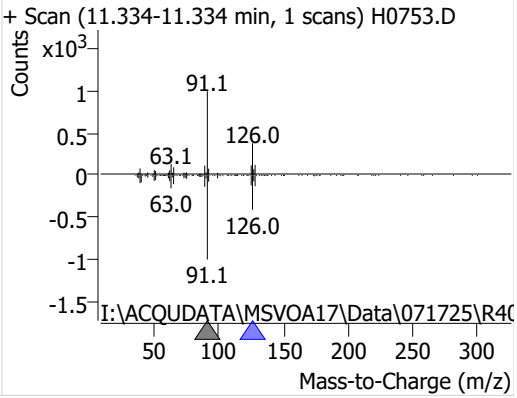




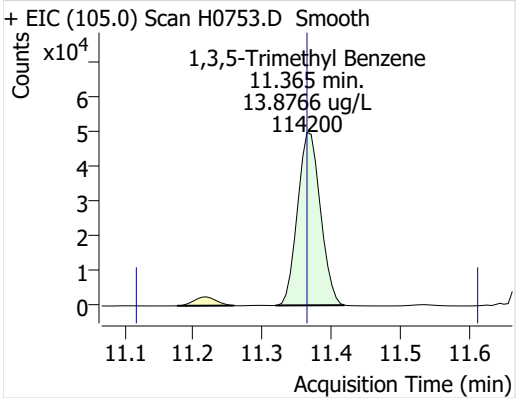
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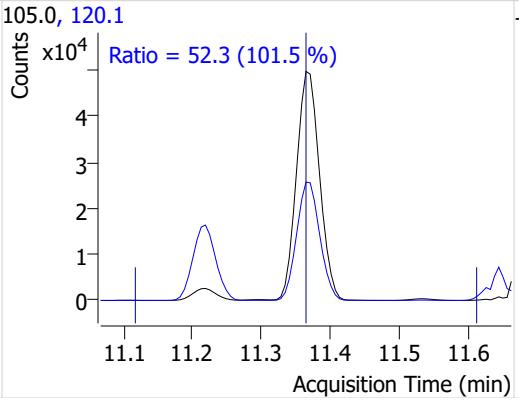


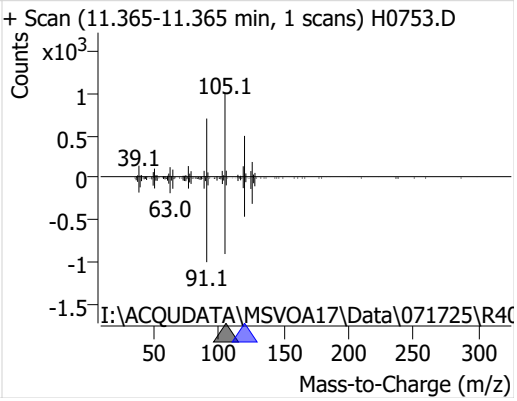




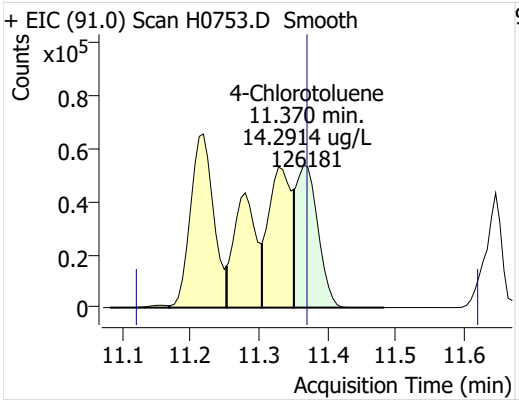
1,3,5-Trimethyl Benzene

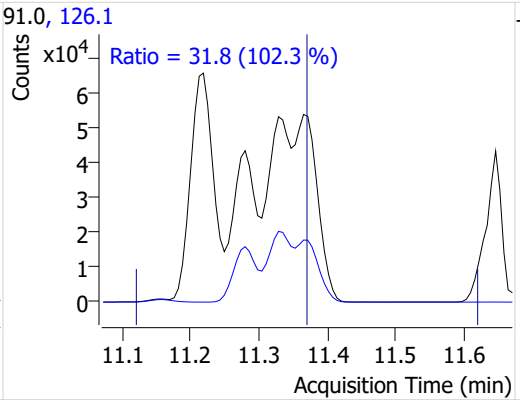


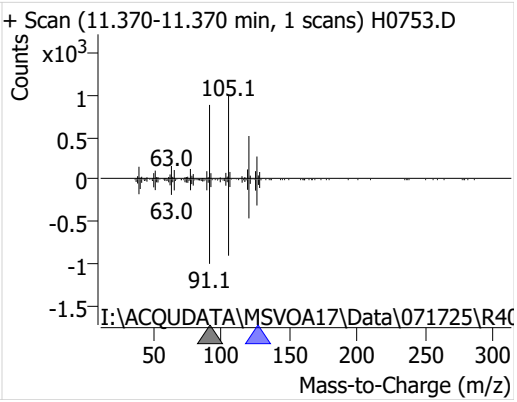




4-Chlorotoluene

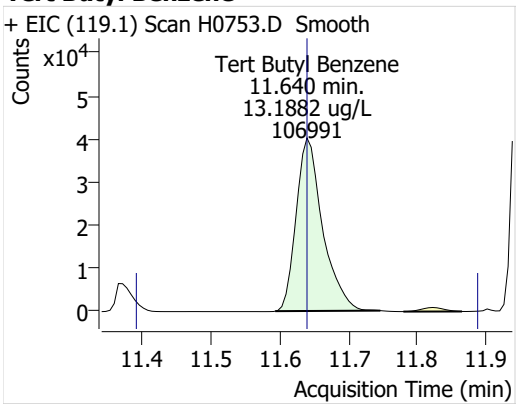


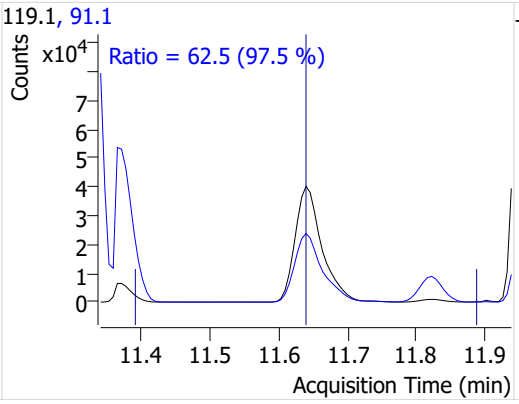


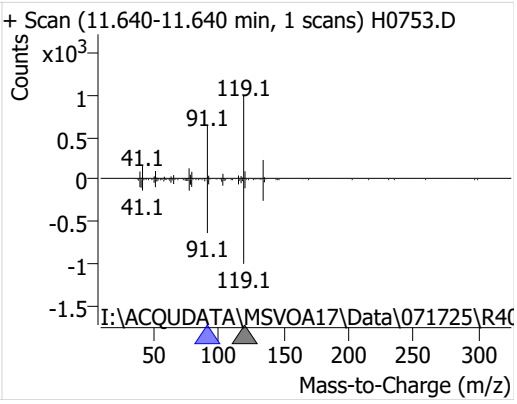


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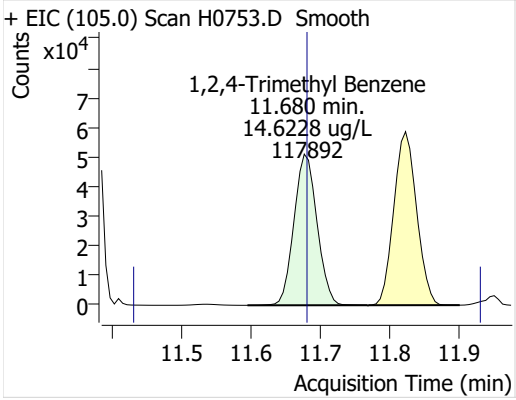
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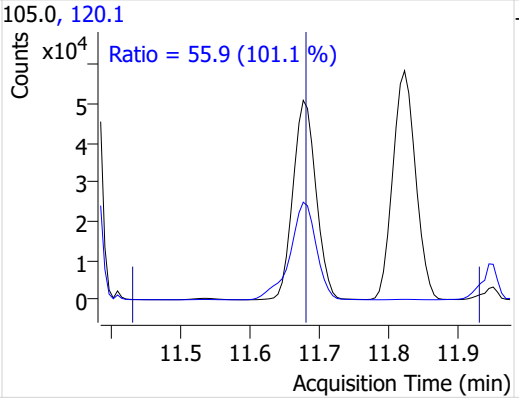


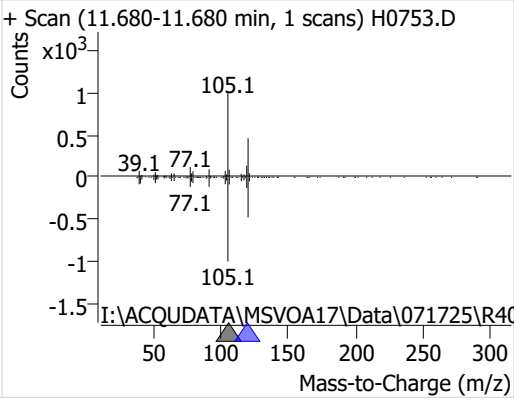




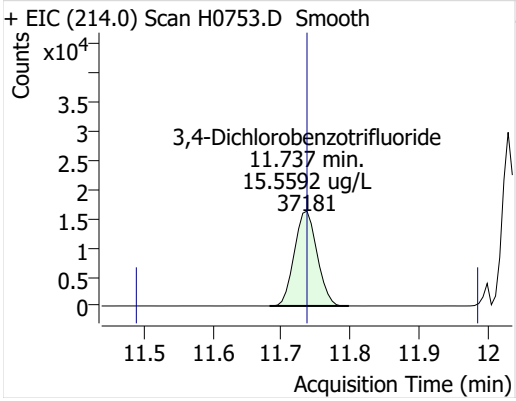
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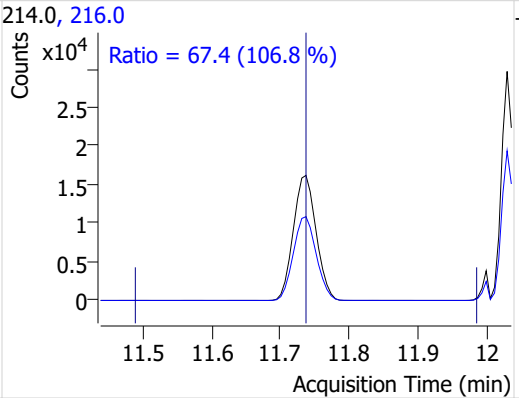


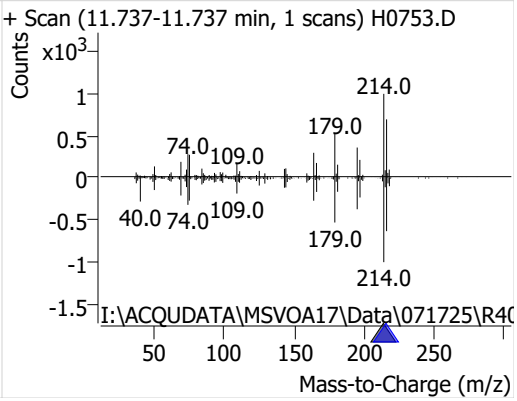




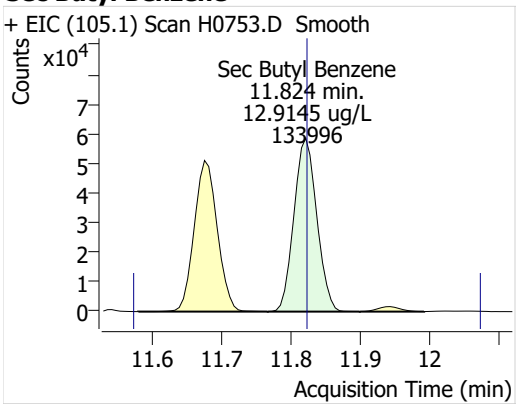
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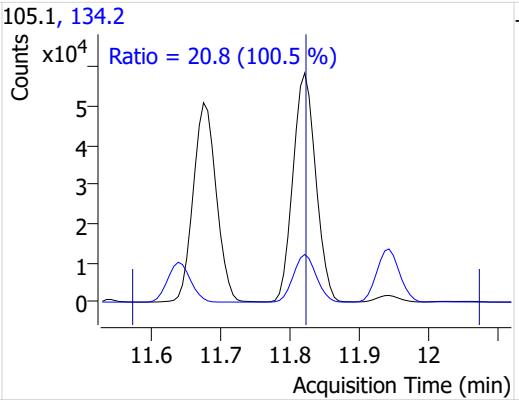


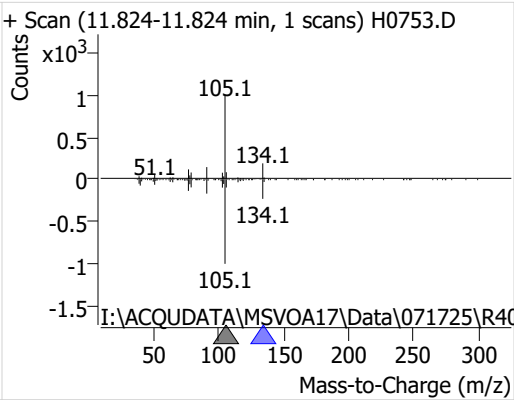




Sec Butyl Benzene

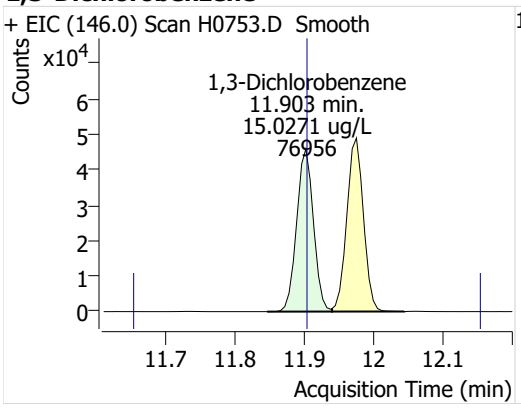


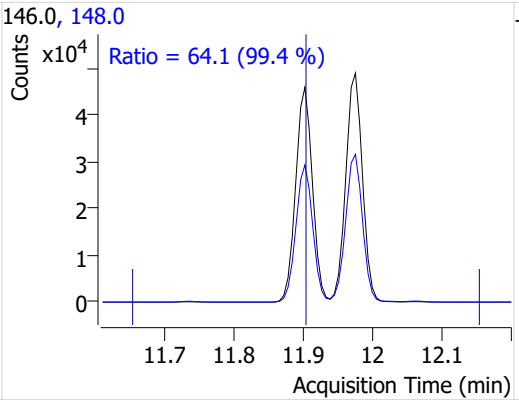


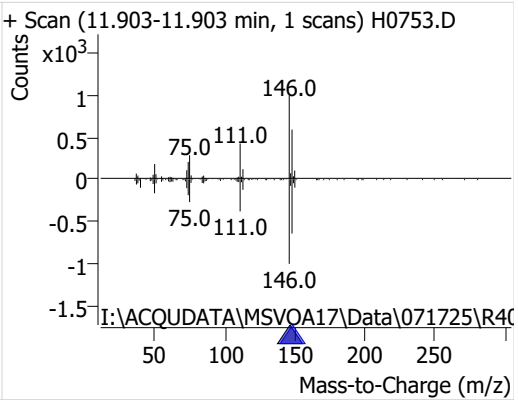


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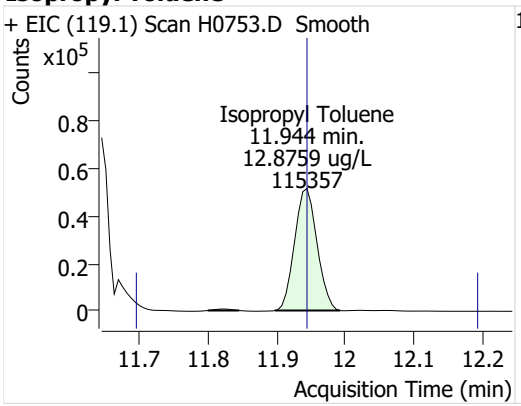
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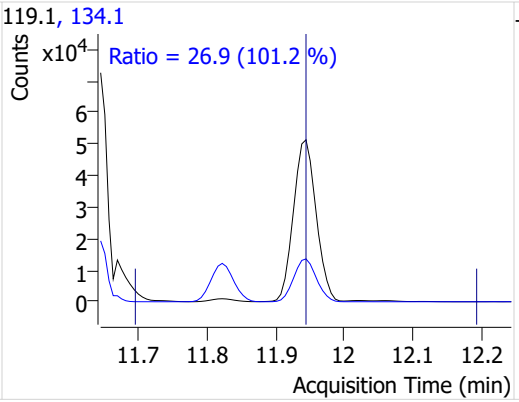


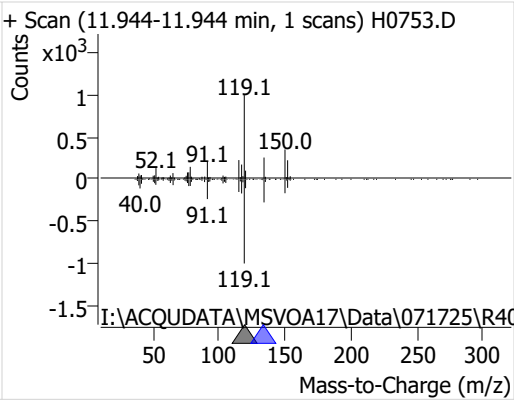




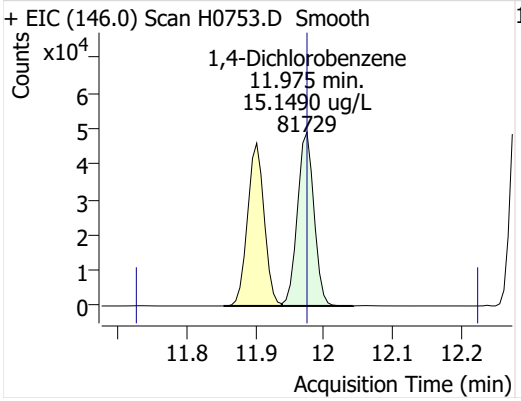
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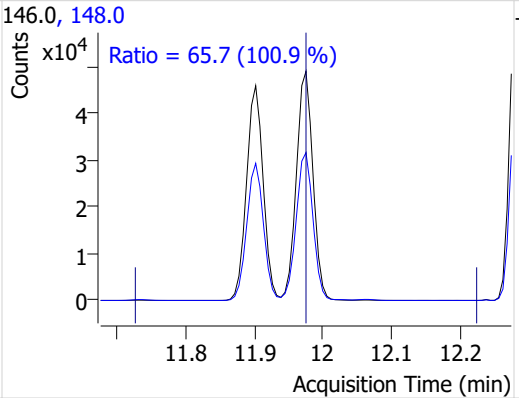


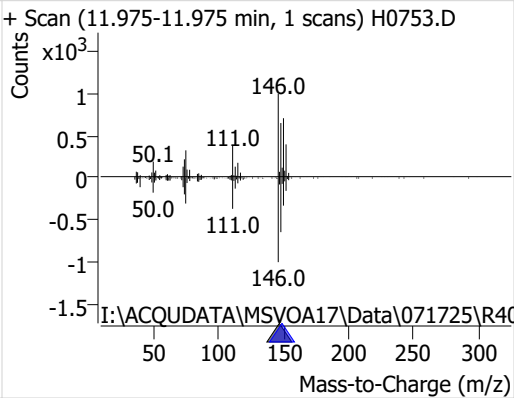




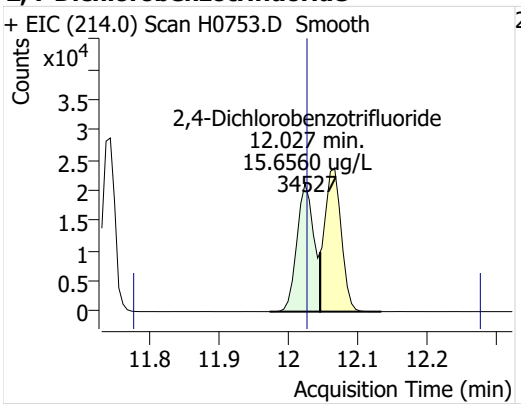
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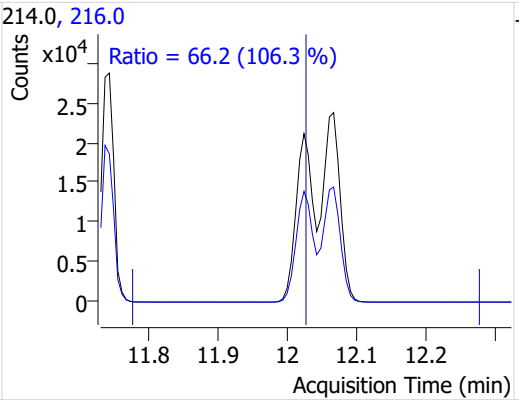


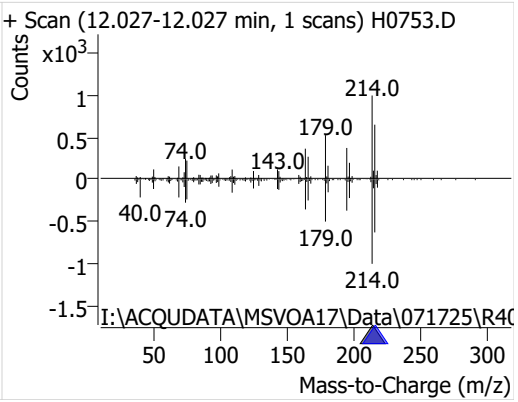




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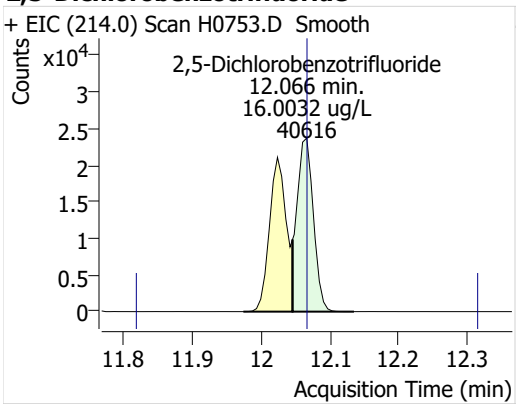


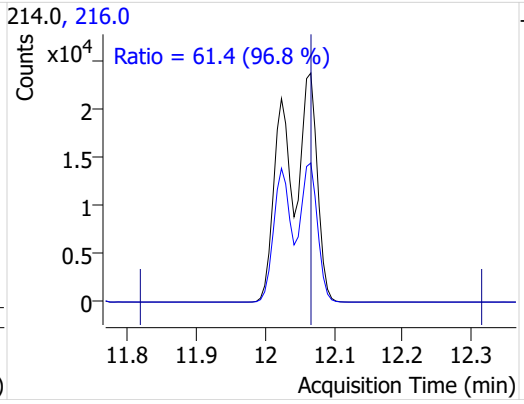


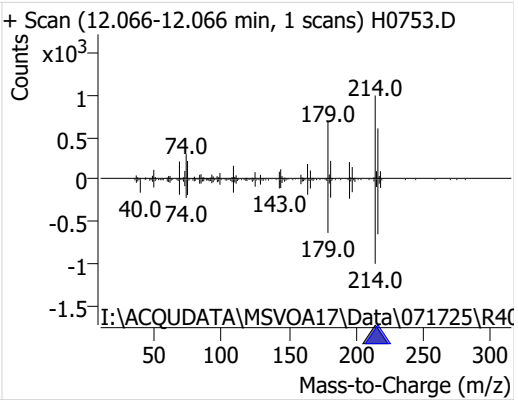


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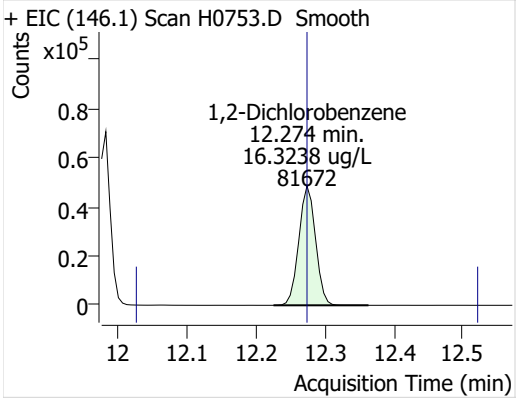
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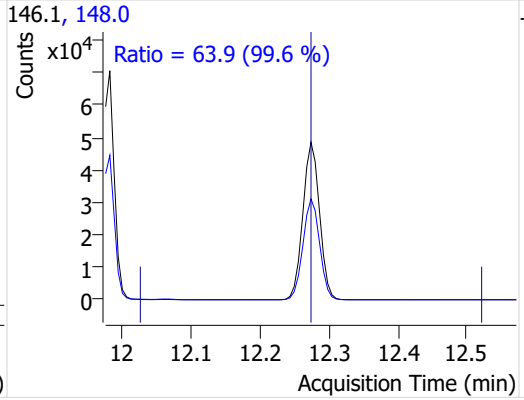


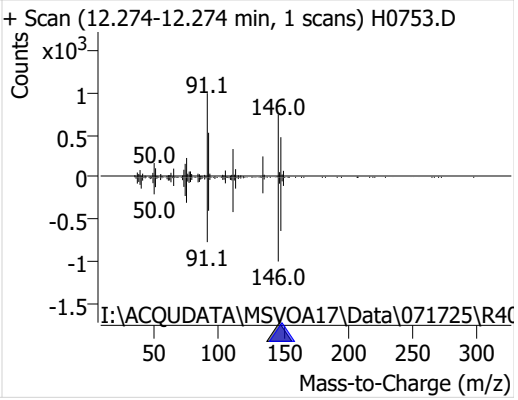




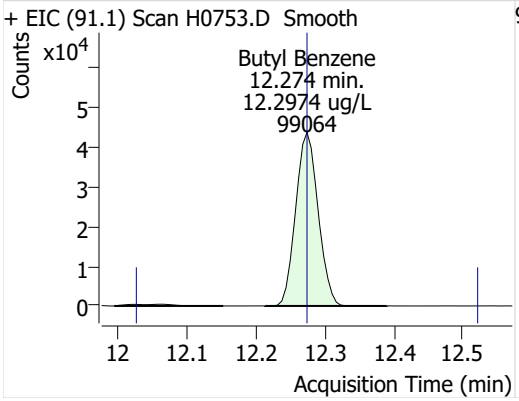
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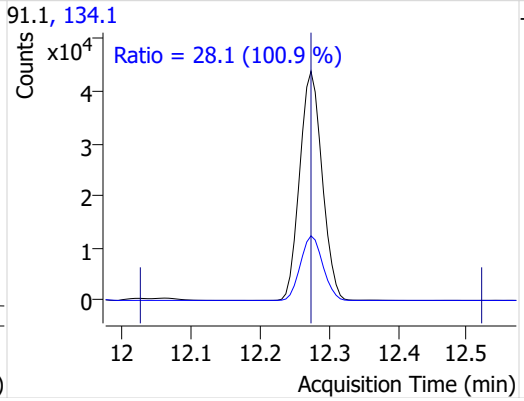


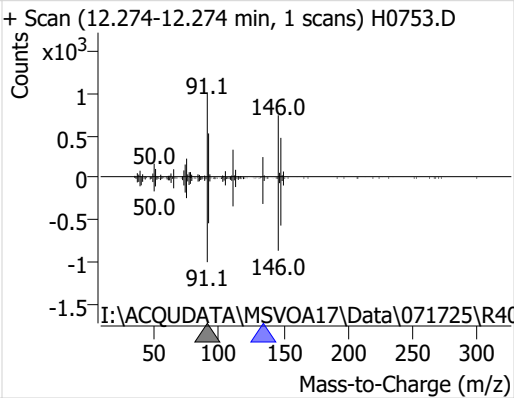




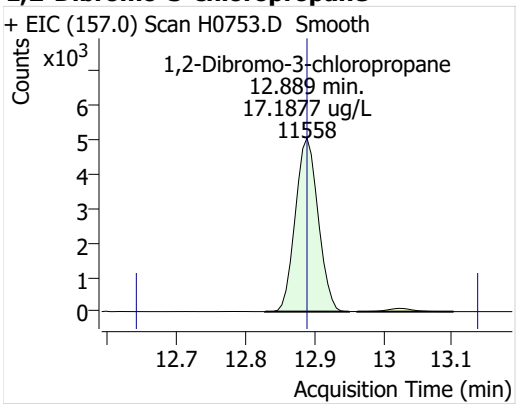
Butyl Benzene

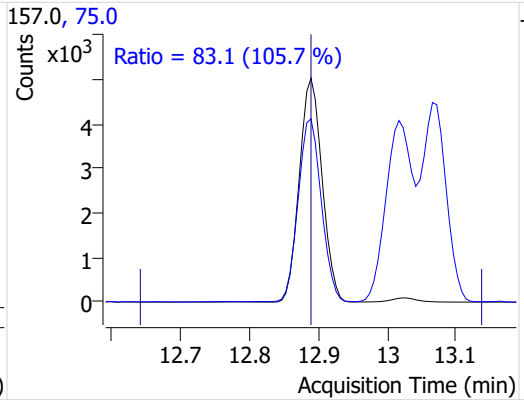


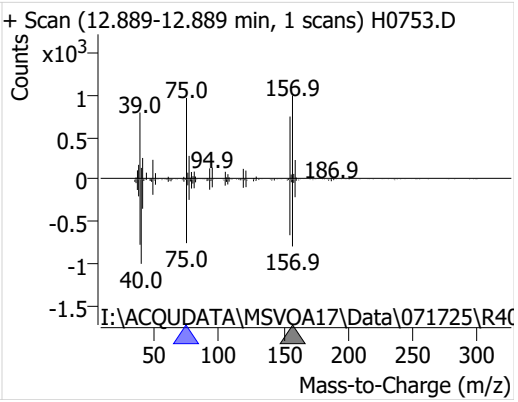




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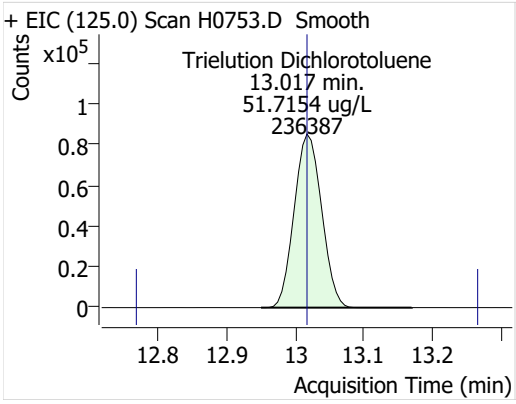


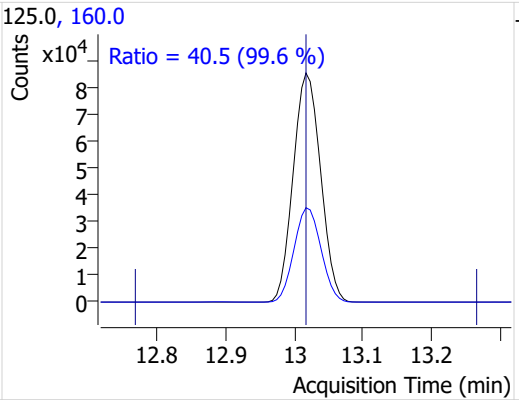


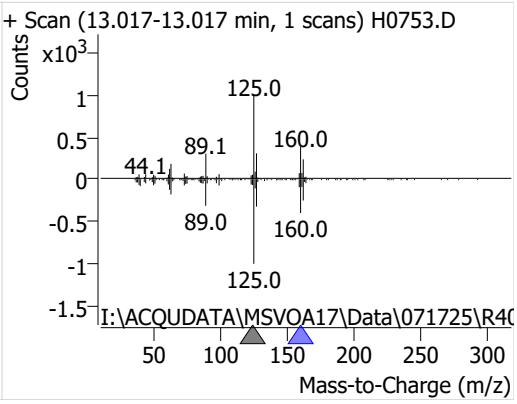


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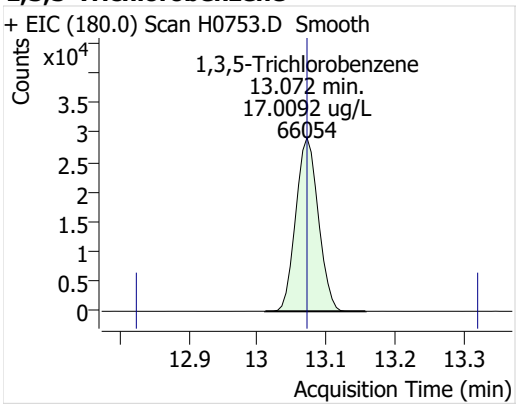
Trielution Dichlorotoluene

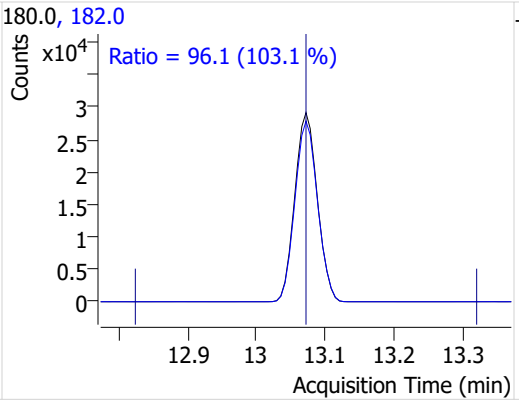


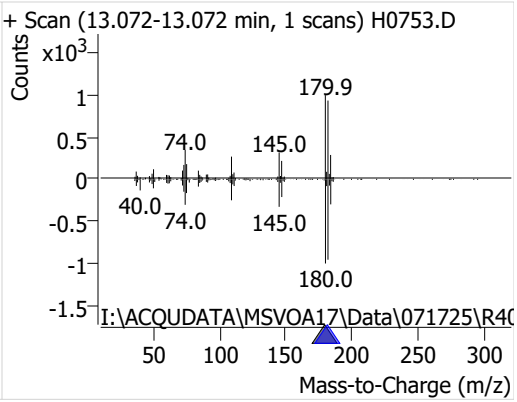




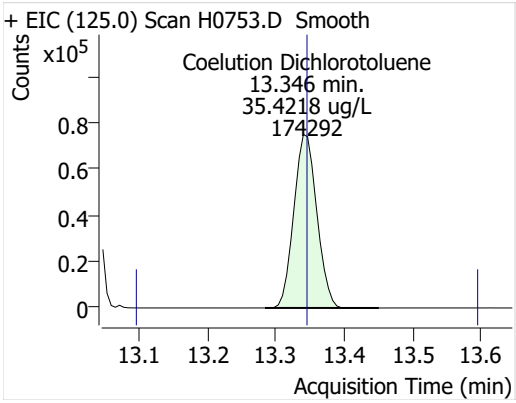
1,3,5-Trichlorobenzene

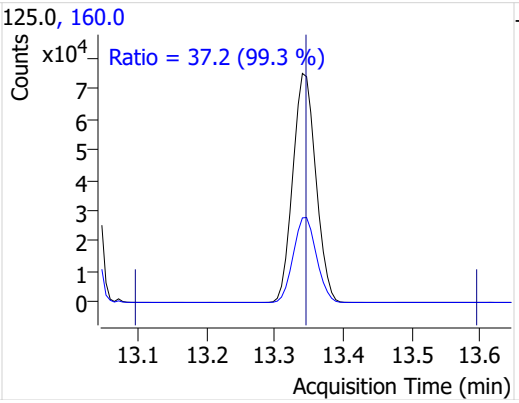


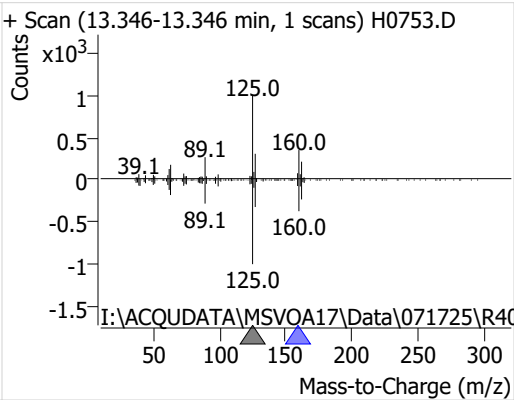




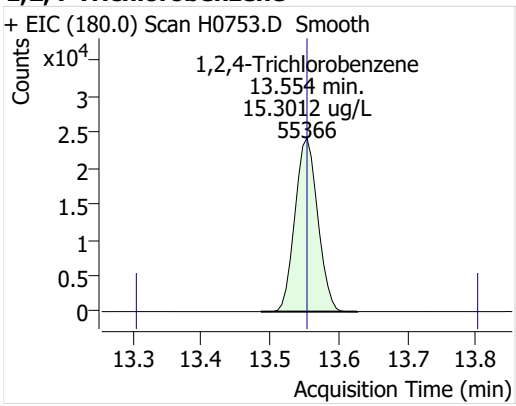
Coelution Dichlorotoluene

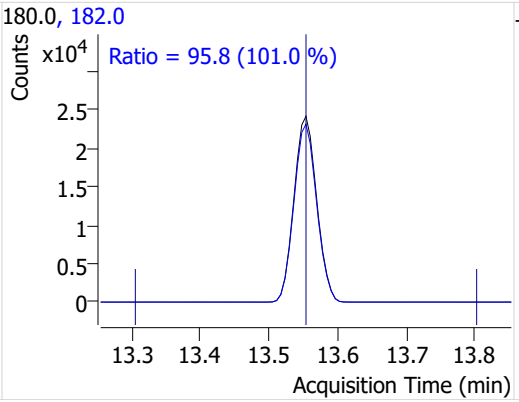


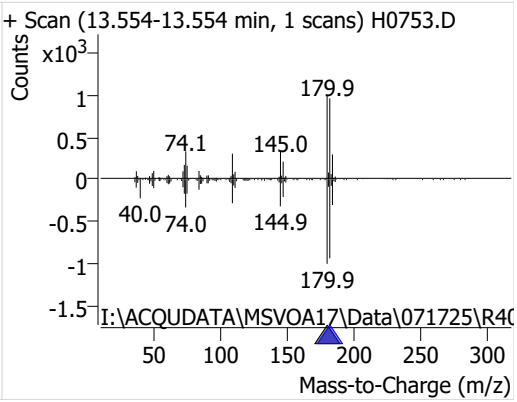




1,2,4-Trichlorobenzene

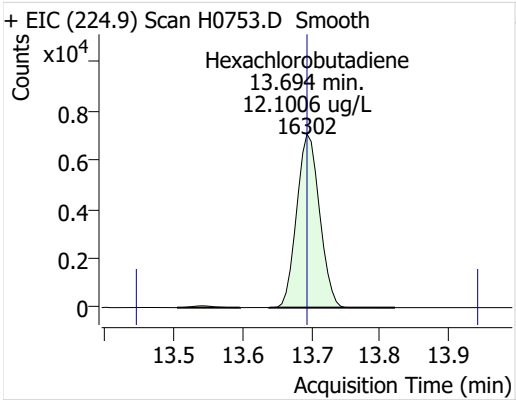


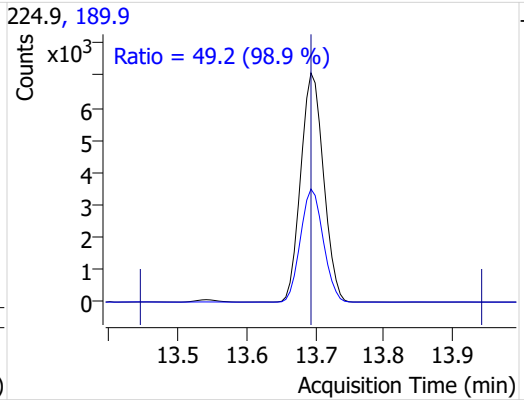


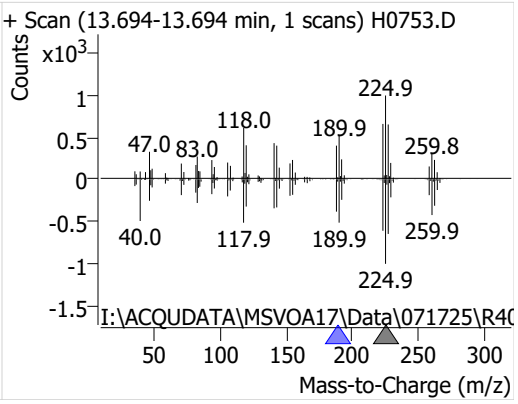


Masshunter Quantitative Analysis Sample Report

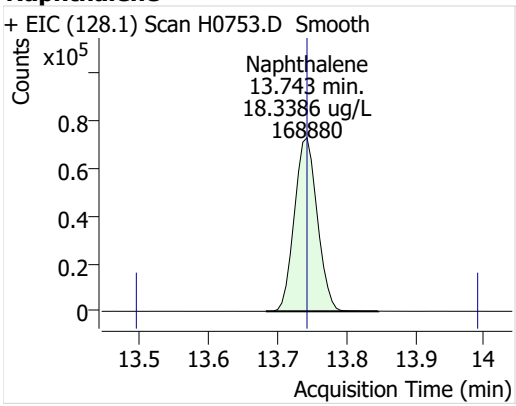
Hexachlorobutadiene

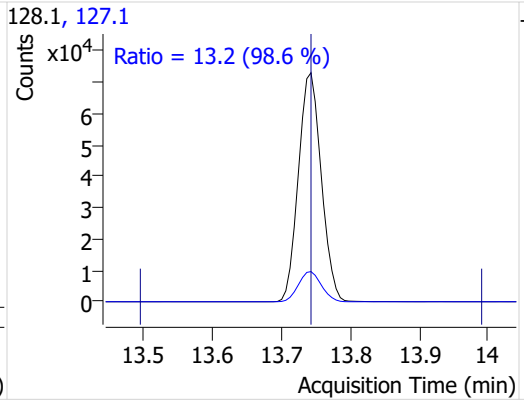


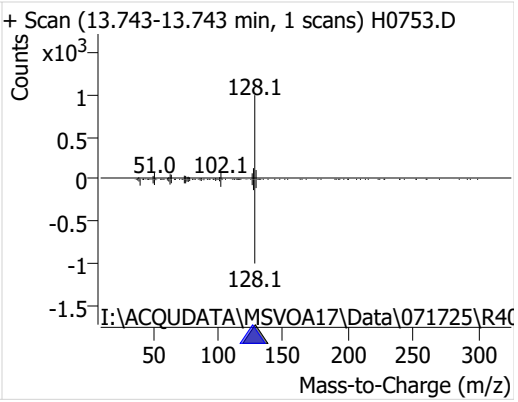




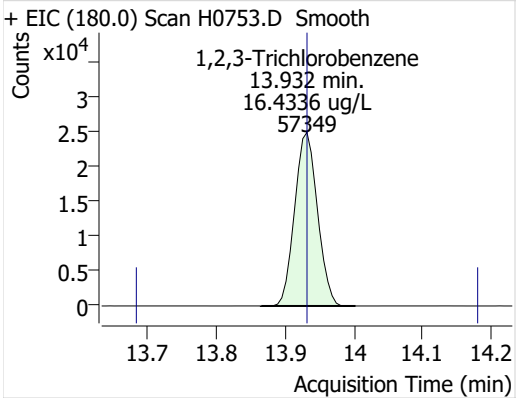
Naphthalene

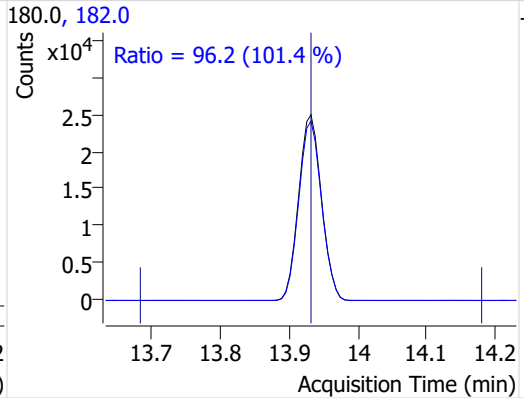


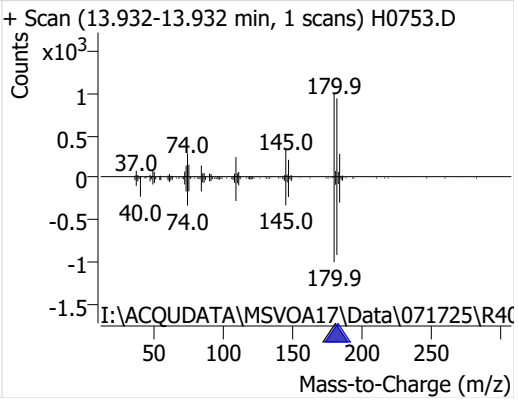




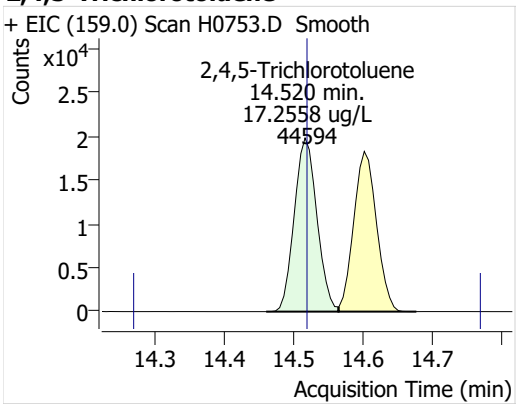
1,2,3-Trichlorobenzene

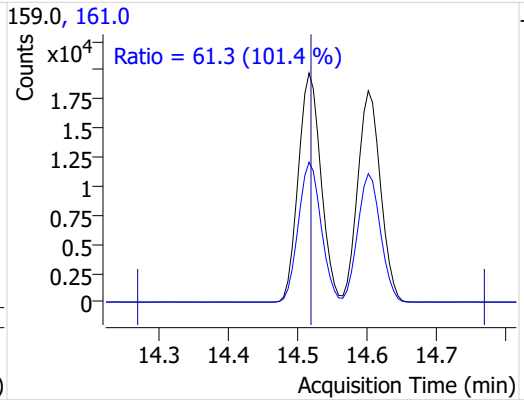


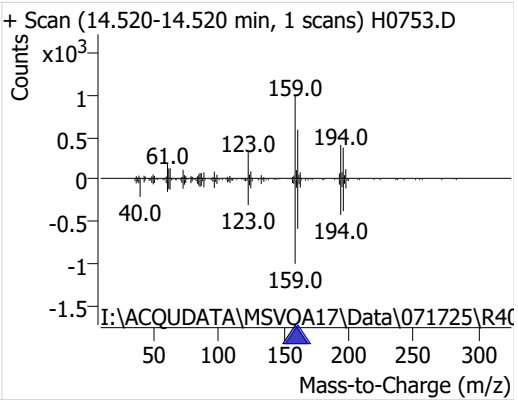




2,4,5-Trichlorotoluene

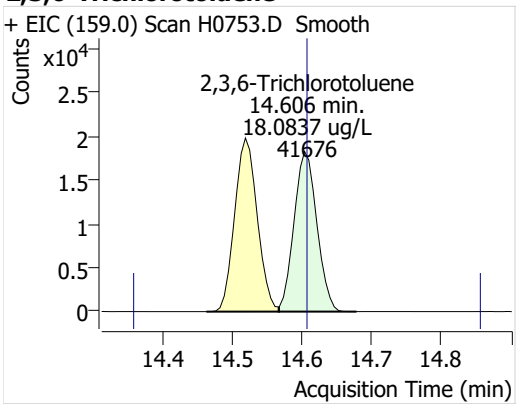


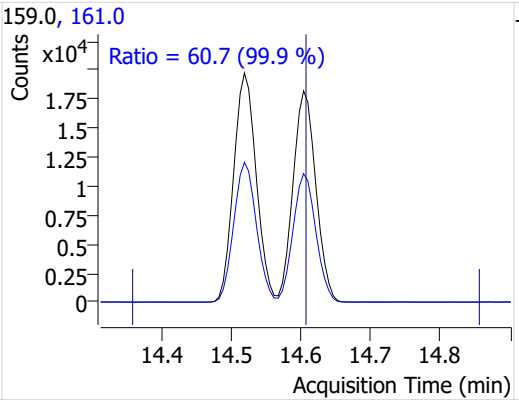


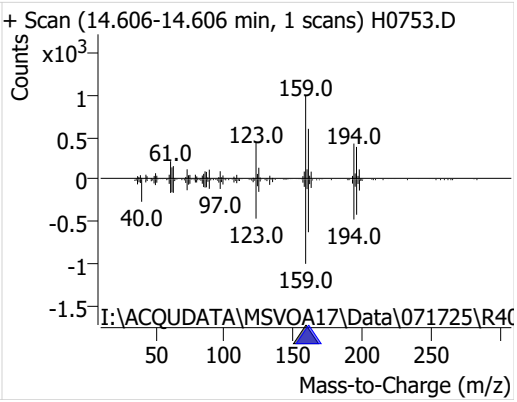


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





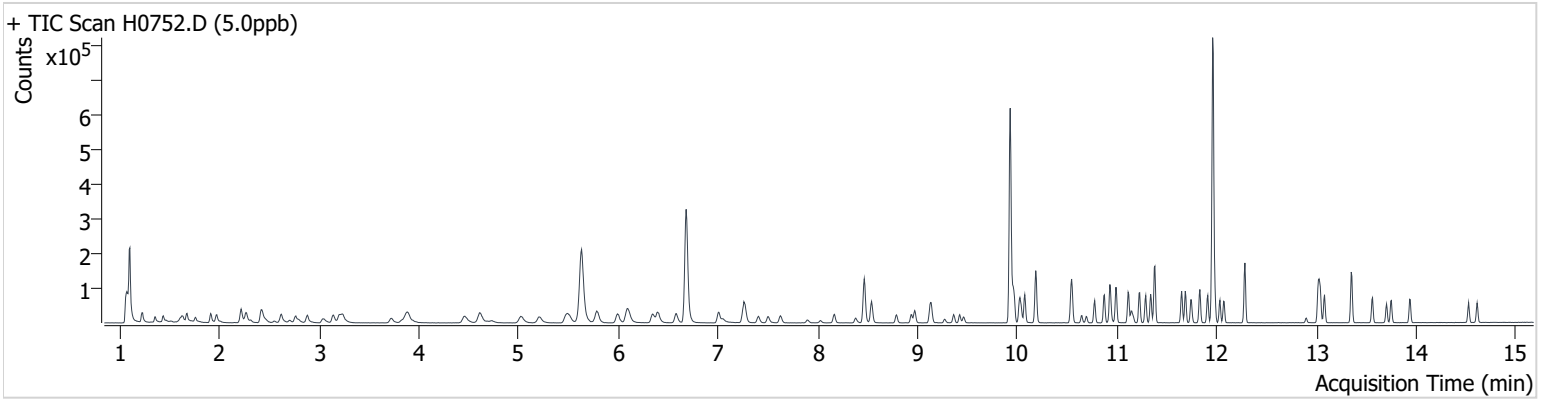


Masshunter Quantitative Analysis Sample Report

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H0752.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	208571	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	337392	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	293889	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	164245	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	20370	9.3649	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	83279	9.9058	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	25499	9.6484	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	24451	9.7392	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	13333	5.2151	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	13704	5.3968	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	11749	5.0498	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	13963	5.1261	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	12331	5.6376	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	9611	4.8152	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	22856	5.5641	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	19586	5.2657	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.002	11958	5.3944	ug/L
Diethyl Ether	59.000	0.394	0.000	2.218	0.001	9232	4.8364	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.002	18275	5.4826	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.000	3030	22.5459	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	16981	5.0305	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.001	12321	5.3068	ug/L
Acetone	43.000	0.437	0.001	2.459	0.004	4846	5.1953	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.000	5894	4.0631	ug/L
2-Propanol	45.000	0.464	0.001	2.611	0.005	12792	93.6013	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	28111	4.9714	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	22415 LT	29.5231	ug/L
Methyl Acetate	43.000	0.496	0.001	2.790	0.003	9043	4.8873	ug/L

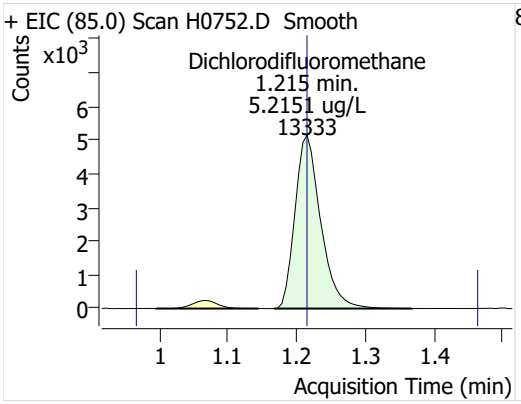
Masshunter Quantitative Analysis Sample Report

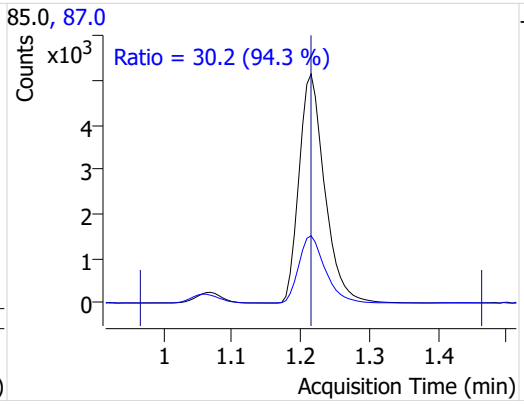
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	11477	5.0640	ug/L
TBA	59.000	0.540	0.002	3.038	0.009	18742	88.8479	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	22547	23.4999	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	14668	4.9100	ug/L
MTBE	73.000	0.574	0.001	3.227	0.006	28617	4.5844	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	19523	5.1006	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.825	0.002	12730	3.9414	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	8918	4.9611	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.003	31985	4.8924	ug/L
ETBE	59.000	0.792	0.001	4.454	0.004	29069	4.7515	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.001	11558	4.8411	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	13360	4.6722	ug/L
2-Butanone	43.000	0.834	0.002	4.687	0.015	5610	4.7787	ug/L
Propionitrile	54.000	0.841	0.001	4.726	0.006	8822	23.9249	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	8359	4.9841	ug/L
Methylacrylonitrile	67.000	0.894	0.001	5.025	0.006	4301	4.4784	ug/L
Tetrahydrofuran	42.000	0.926	0.006	5.204	0.035	3245	4.5569	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	19334	4.9109	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	16367	5.0670	ug/L
Cyclohexane	84.000	0.841	0.001	5.610	0.003	21849	5.5495	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.001	13985	4.8475	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	13682	5.0978	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	41187	5.1007	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	15206	4.8692	ug/L
Iso-Butyl Alcohol	43.000	0.917	0.002	6.116	0.014	6496	103.6457	ug/L
TAME	73.000	1.127	0.001	6.336	0.006	25911	4.5639	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	13120	5.2378	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	12475	5.0266	ug/L
1-Butanol	56.000	1.056	0.003	7.043	0.018	10466	188.3320	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	14890	5.0864	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	11247	5.0653	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	8050	5.0793	ug/L
1,4-Dioxane	88.000	1.124	0.003	7.500	0.018	2917	89.2634	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	6696	4.3964	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	13707	4.6552	ug/L
2-Nitropropane	43.000	1.183	0.000	7.892	0.001	5737	9.3206	ug/L
2-Chloroethylvinyl Ether	63.000	1.203	0.000	8.022	0.002	2819	4.2567	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	12937	4.4177	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.001	8.374	0.005	9815	4.5733	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	43749	4.9508	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	11231	4.3649	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	11144	4.1514	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	10052	4.9358	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	11733	5.2877	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	15523	4.5685	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	3836	4.6194	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	10920	4.6124	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.417	0.002	14365	4.5285	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.003	9836	4.9865	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	31004	5.0364	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	17193	5.3627	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	15632	5.1406	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	10649	4.9685	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	47699	5.0104	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	72330	10.0861	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	37114	4.8472	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	31043	4.8247	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.003	6537	4.5141	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	16560	5.1586	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	44323	5.1254	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	37025	108.6098	ug/L

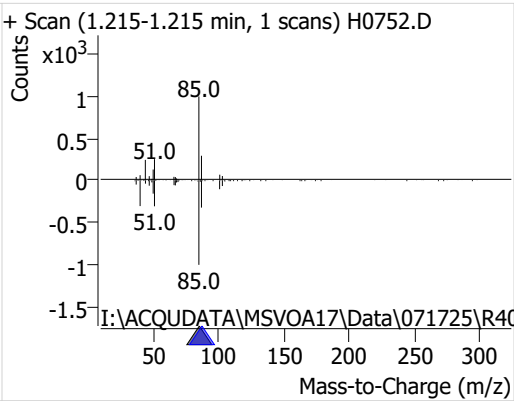
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	12103	4.6414	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.003	13347	5.1418	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.002	14960	4.6414	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	3231 NI	4.7588	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	56158	5.3902	ug/L
2-Chlorotoluene	91.100	0.943	0.000	11.281	0.001	32219	5.1414	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.001	33615	5.3266	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	40697	5.1223	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	42325	4.9655	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	40294	5.1447	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	38422	4.9363	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	12052	5.2241	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	53524	5.3433	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	25383	5.1340	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	44348	5.1273	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	26964	5.1768	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	10533	4.9469	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	12388	5.0560	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	24558	5.0841	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	39791	5.1164	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	3130	4.8215	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	66992	15.1810	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	19386	5.1707	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	49022	10.3197	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	17194	4.9218	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	7019	5.3970	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	42324	4.7605	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	16181	4.8026	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	11582	4.6420	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	10812	4.8594	ug/L

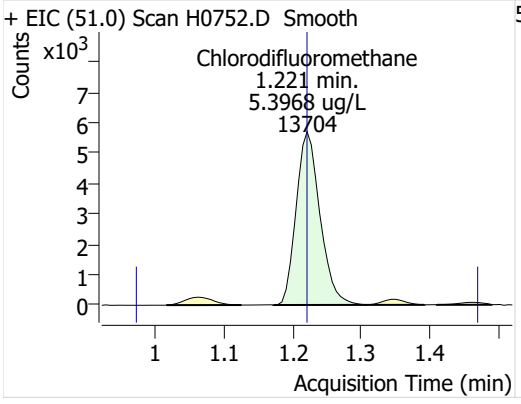
Dichlorodifluoromethane

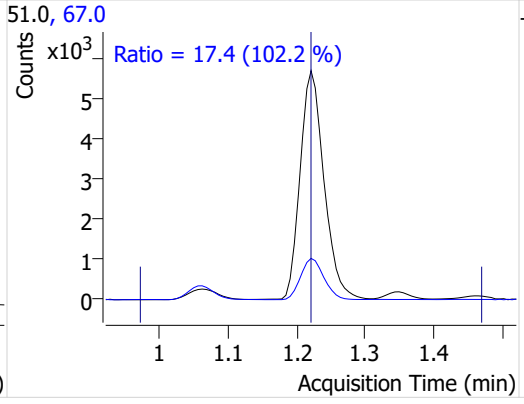


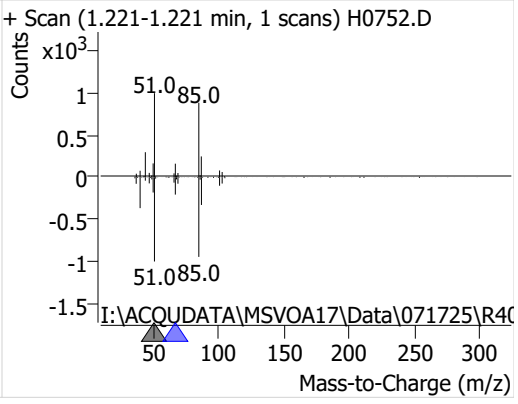




Chlorodifluoromethane

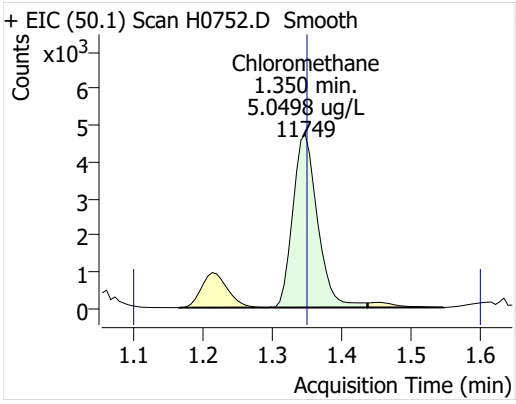


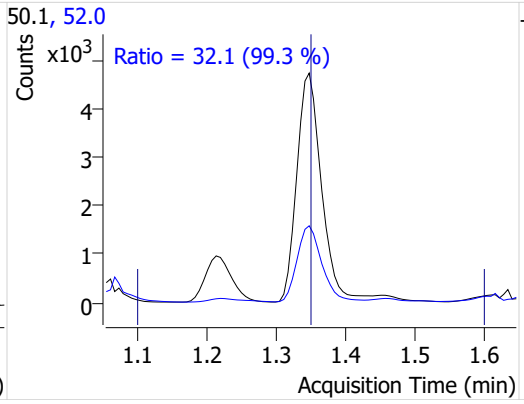


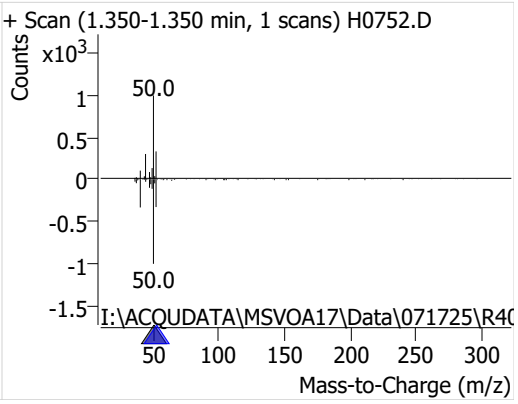


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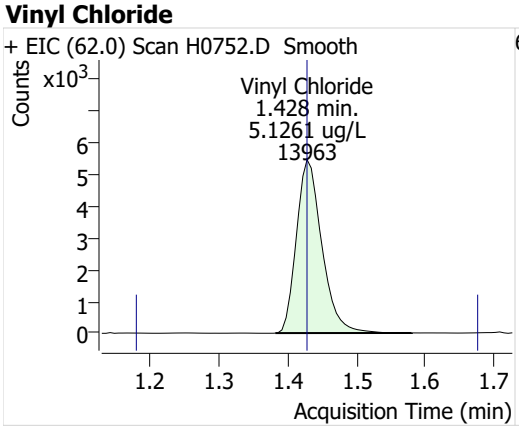
Chloromethane

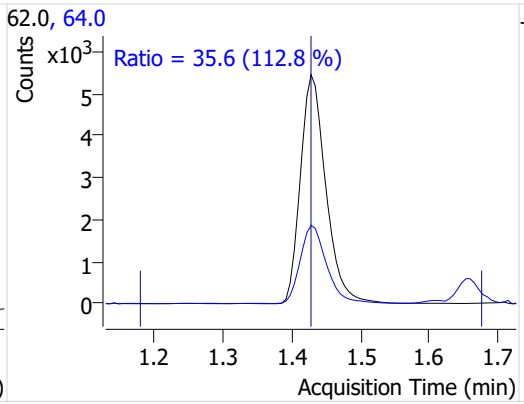


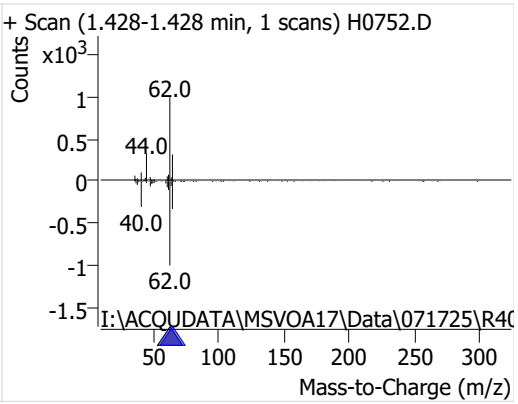




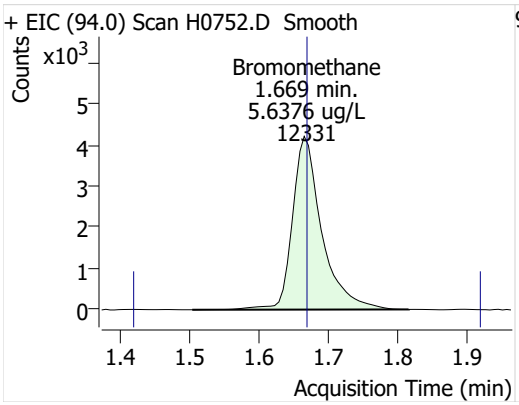
Vinyl Chloride

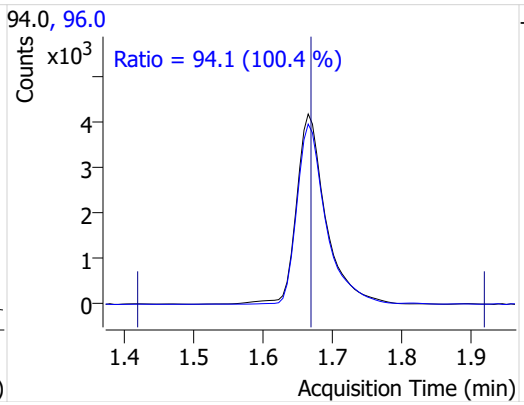


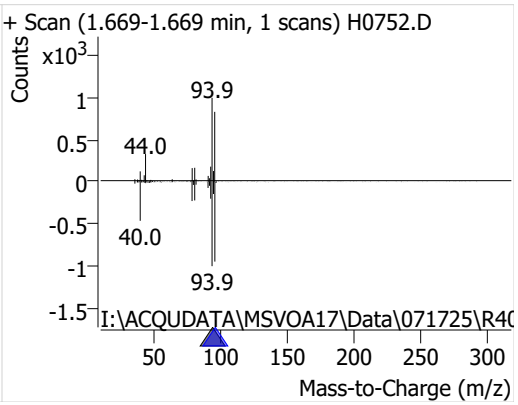




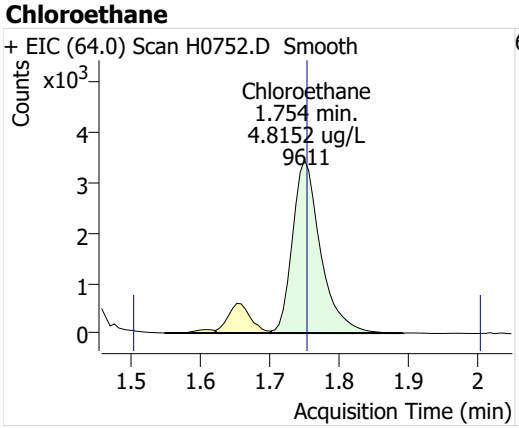
Bromomethane

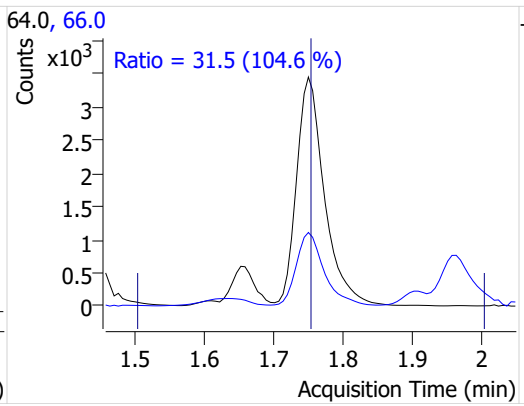


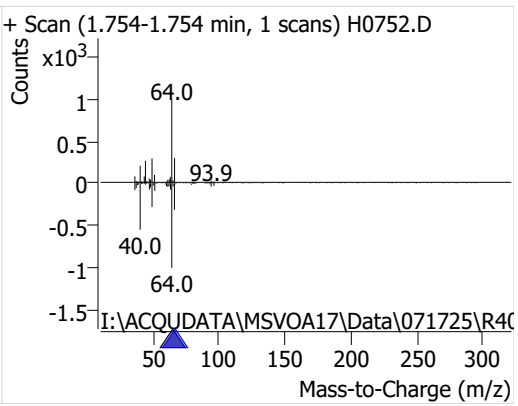




Chloroethane

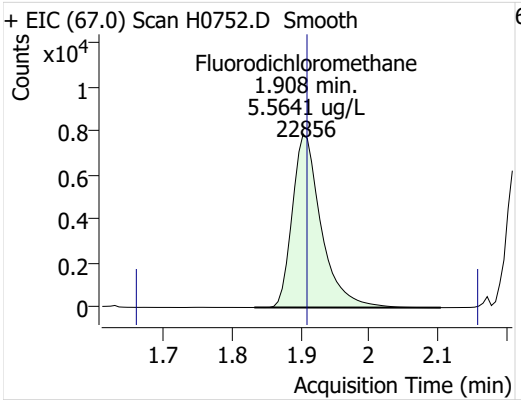


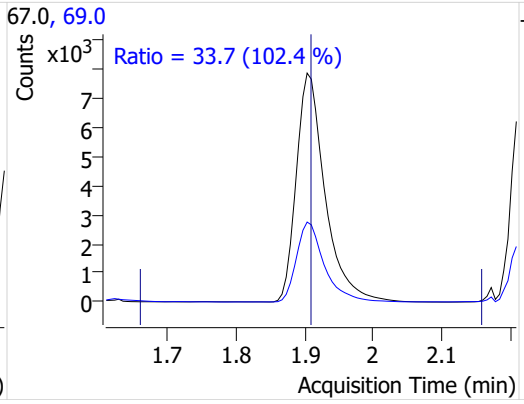


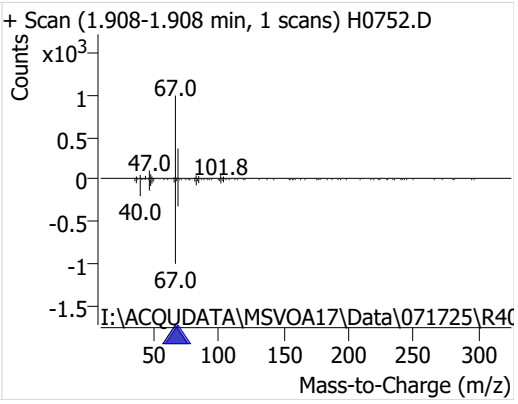


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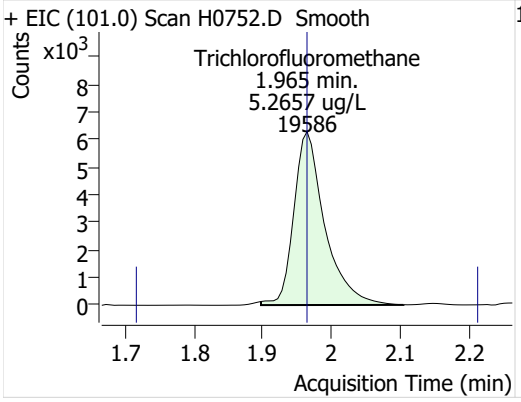
Fluorodichloromethane

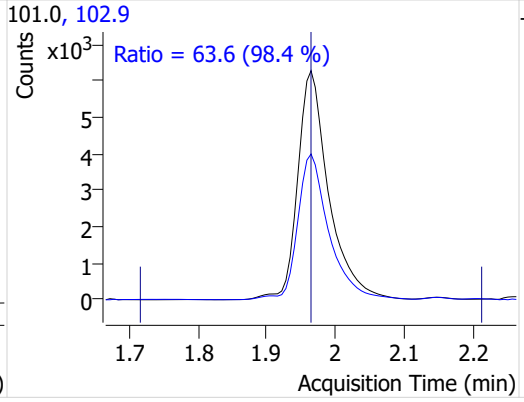


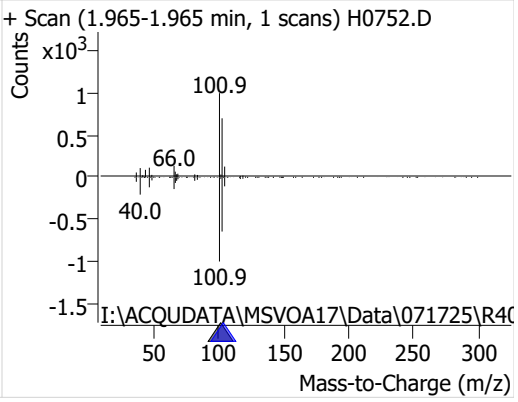




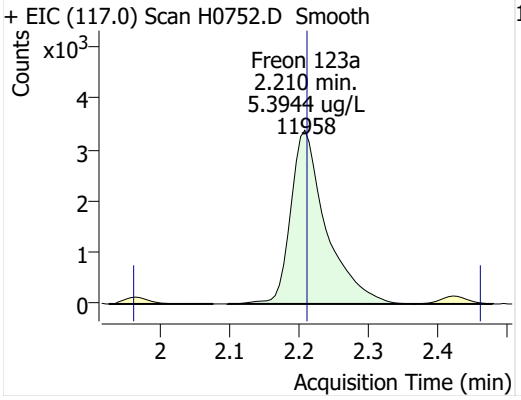
Trichlorofluoromethane

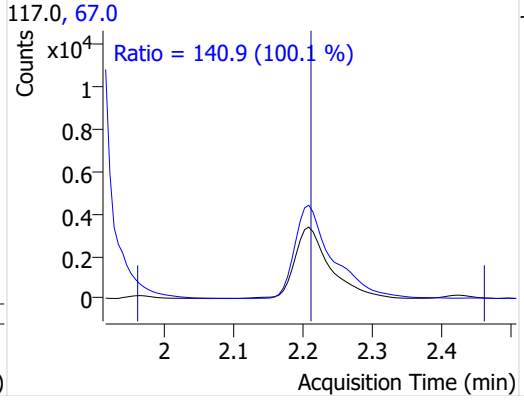


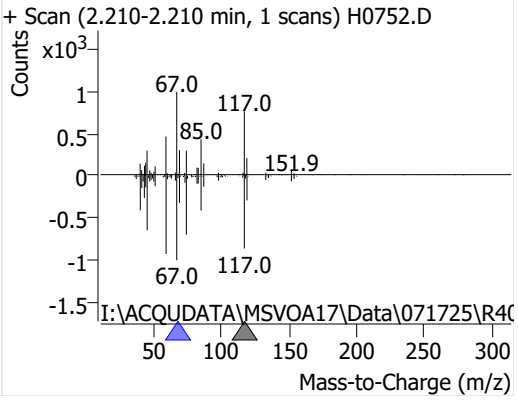




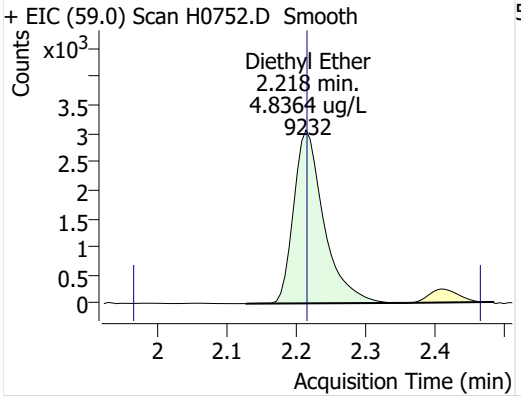
Freon 123a

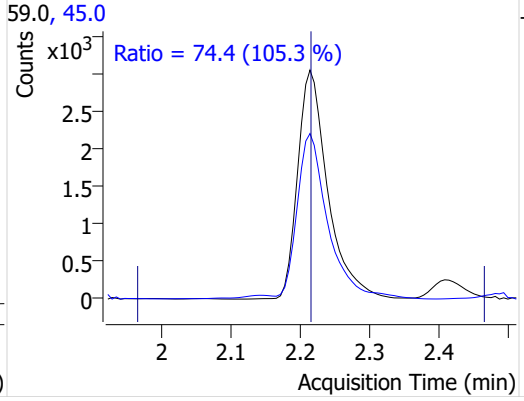


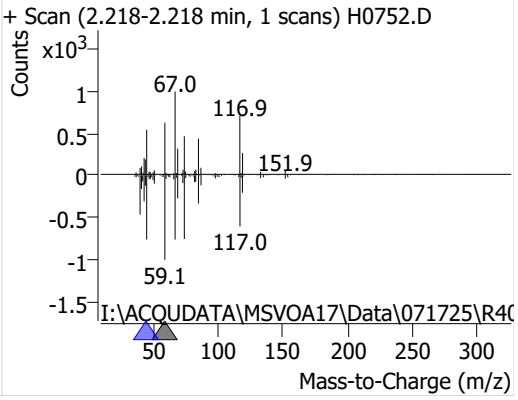




Diethyl Ether

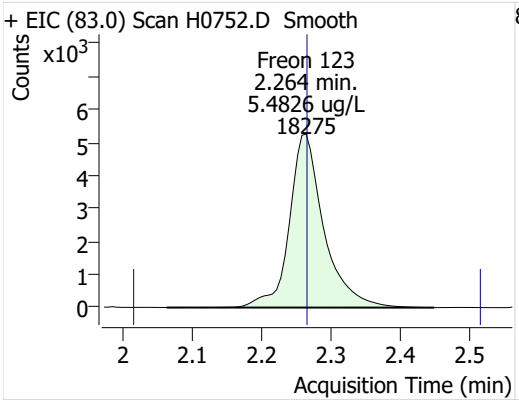


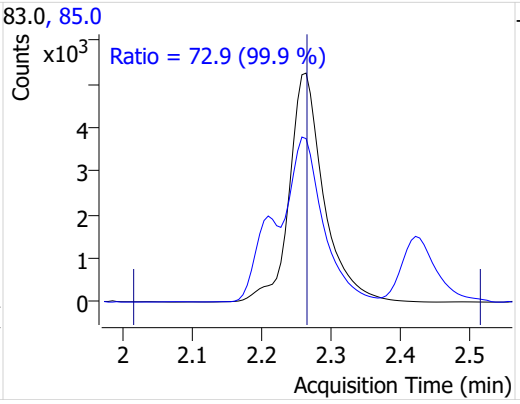


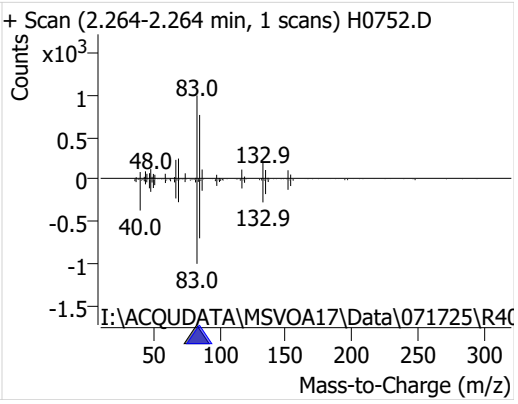


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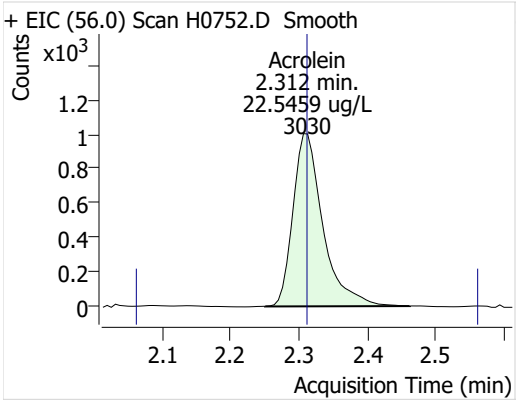
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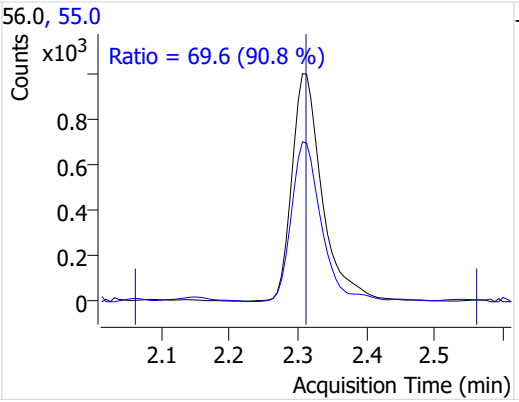


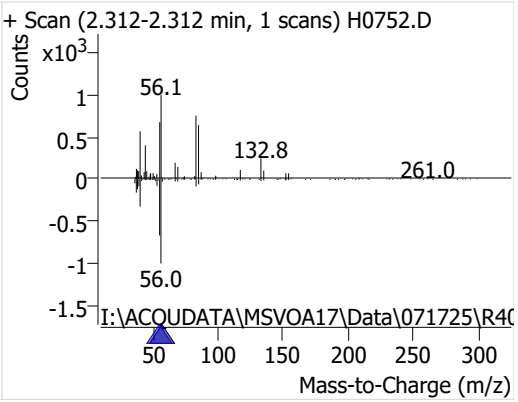




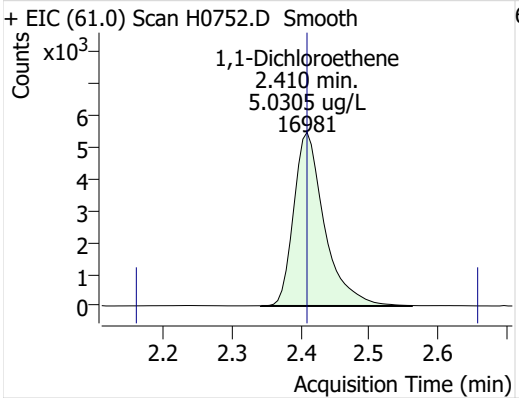
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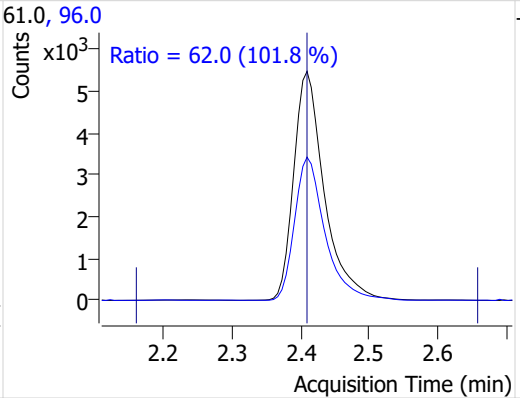


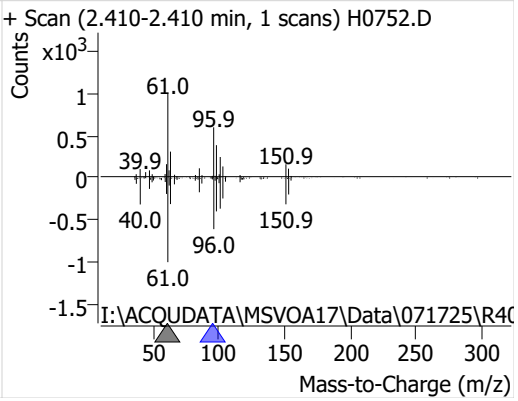




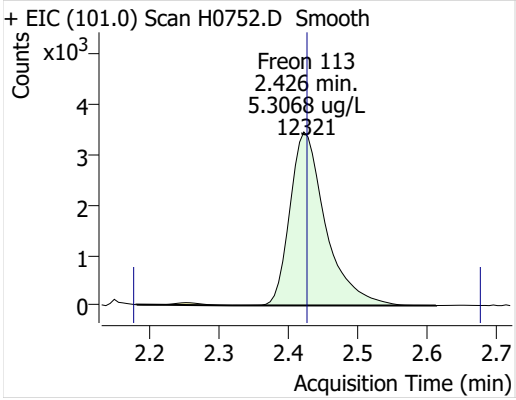
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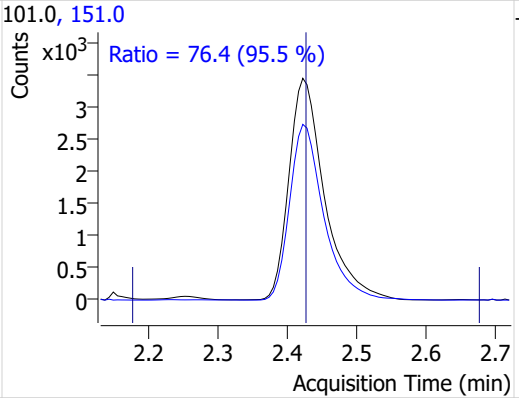


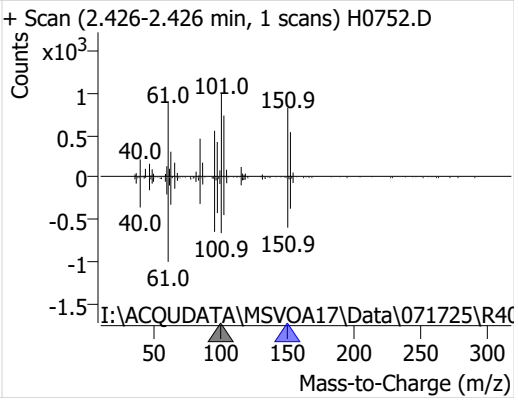




Freon 113

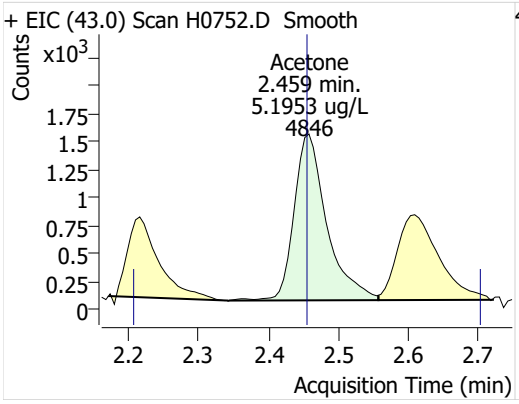


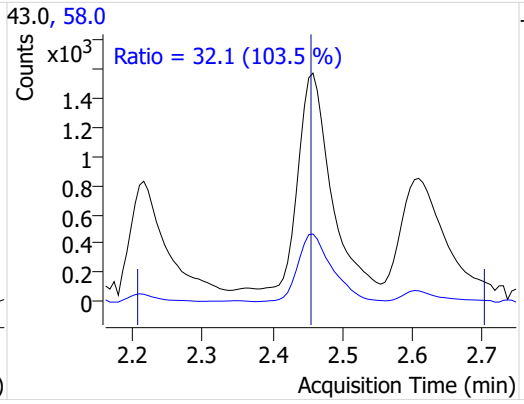


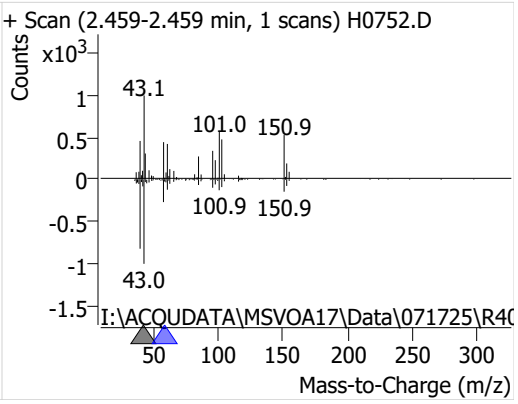


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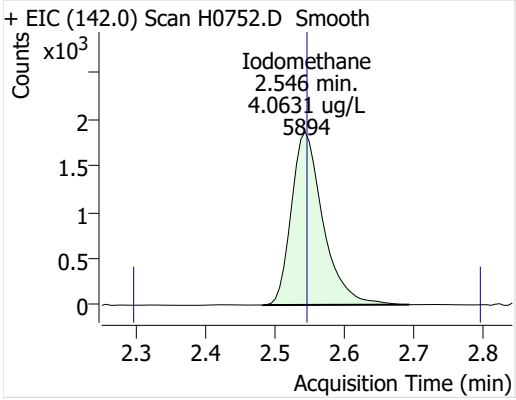
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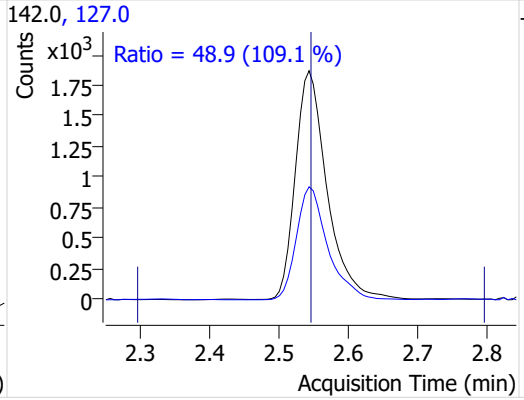


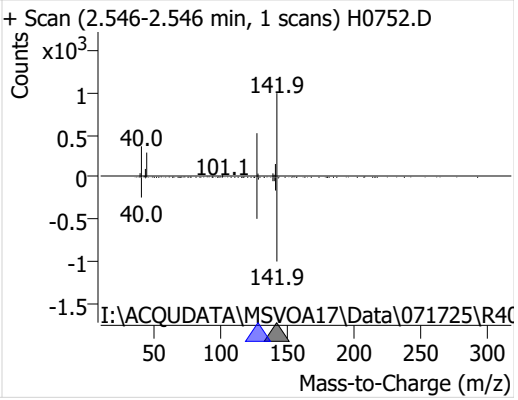




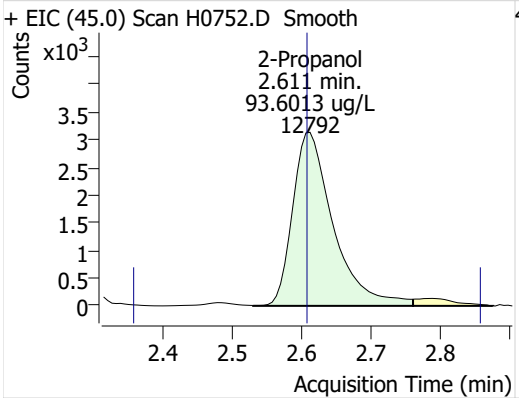
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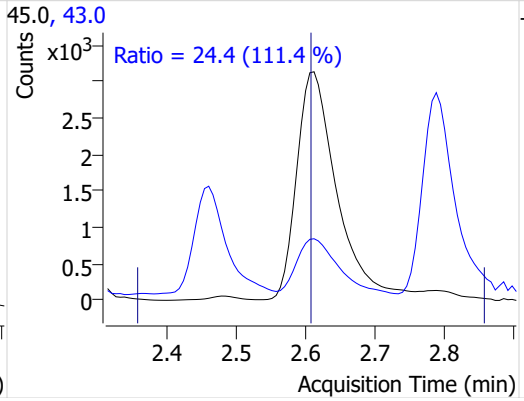


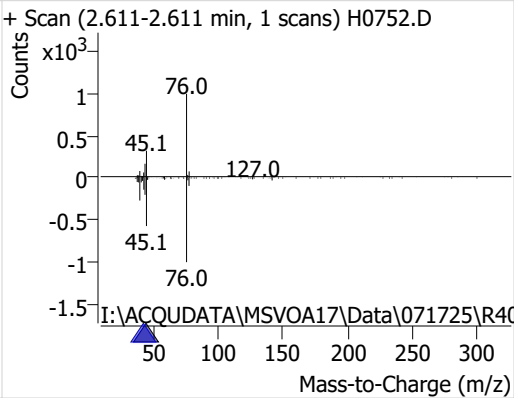




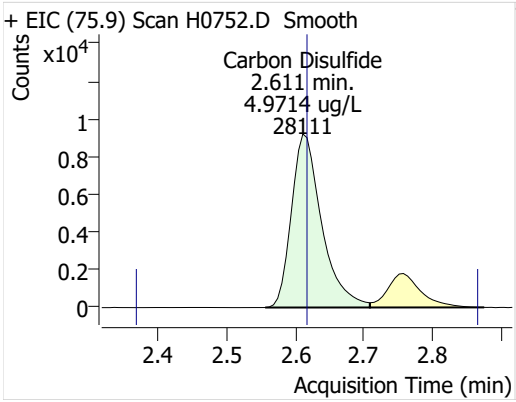
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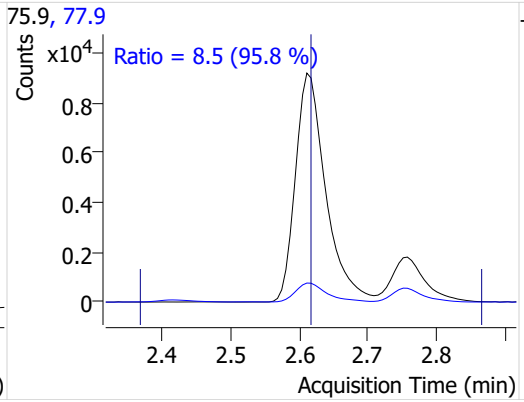


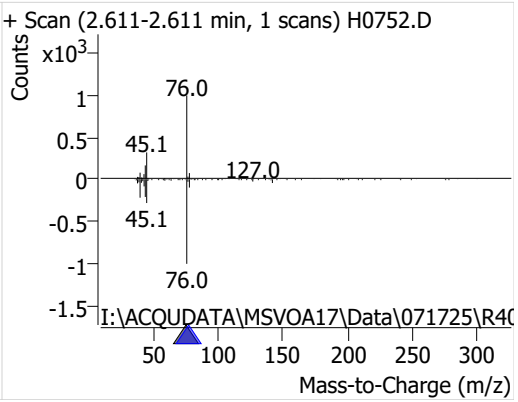




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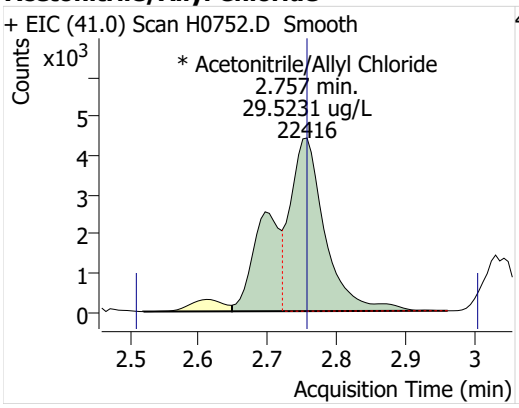


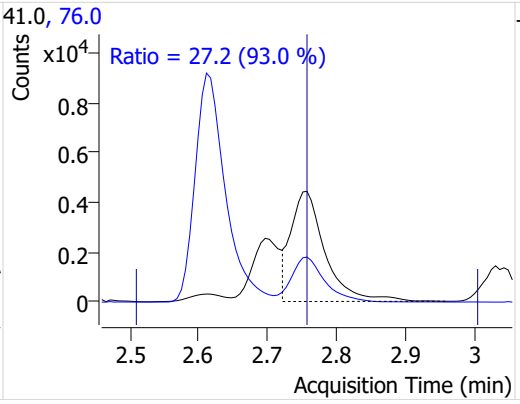


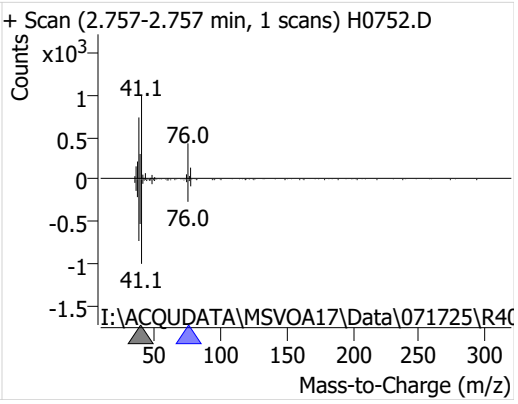


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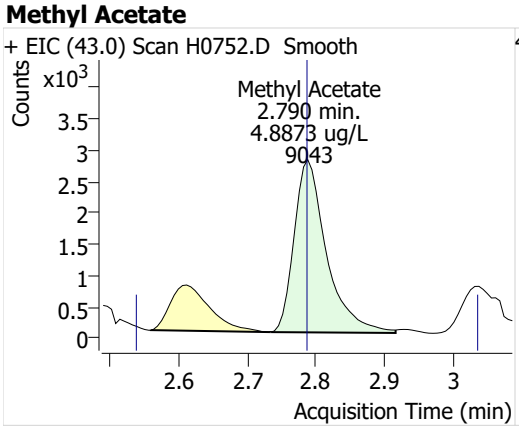
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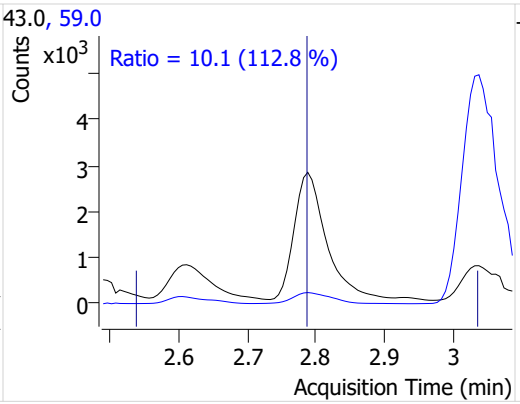


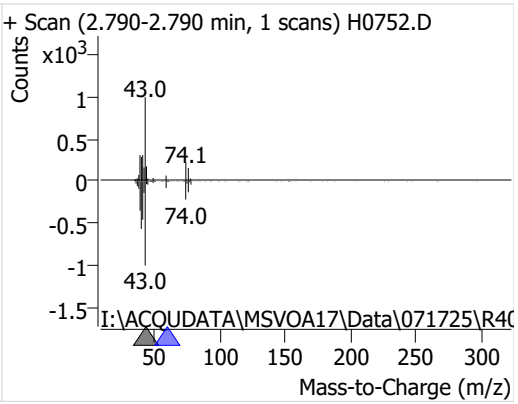




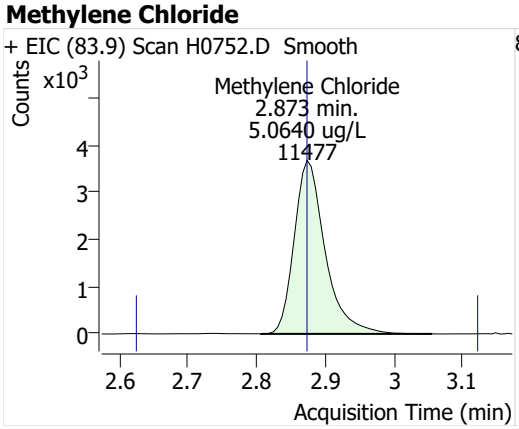
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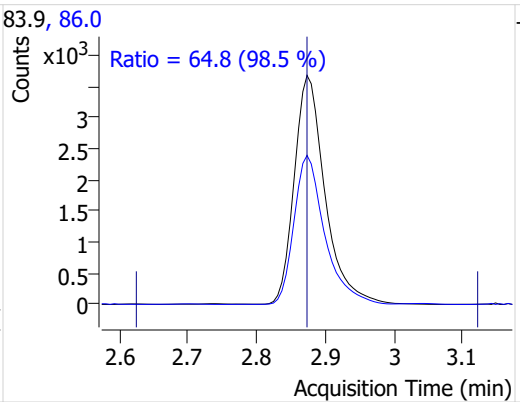


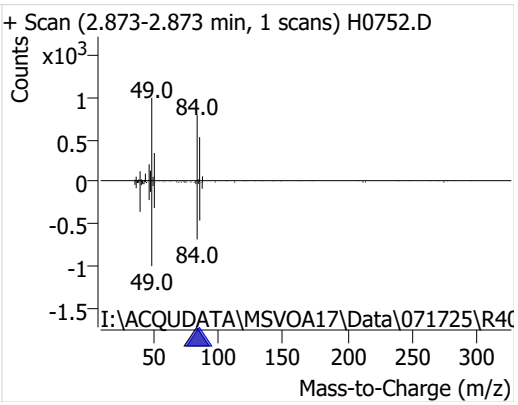




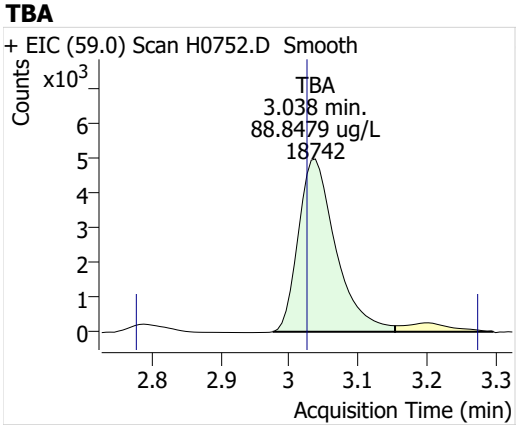
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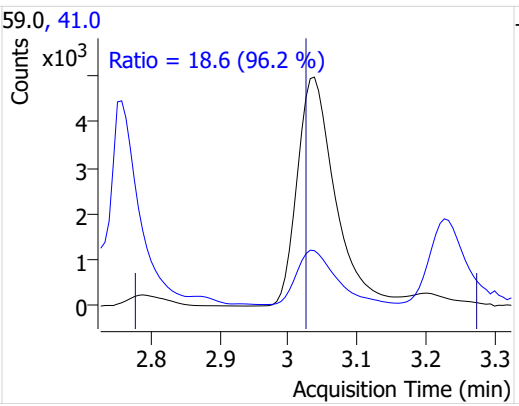


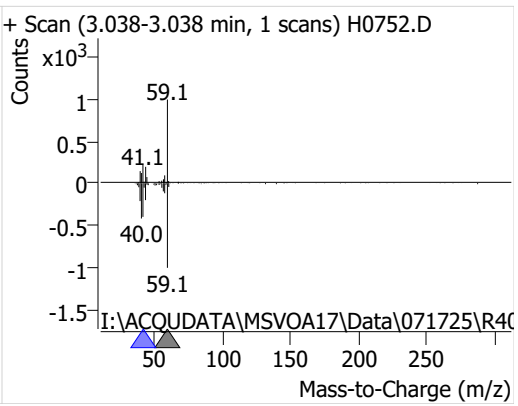




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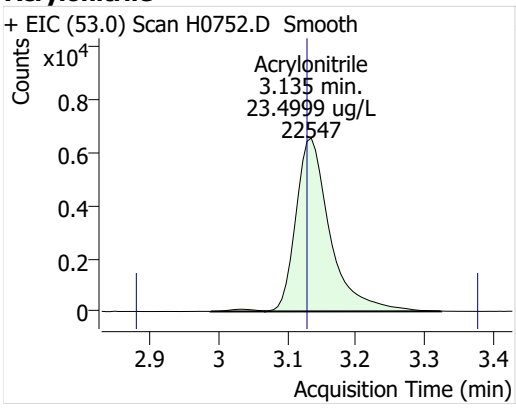


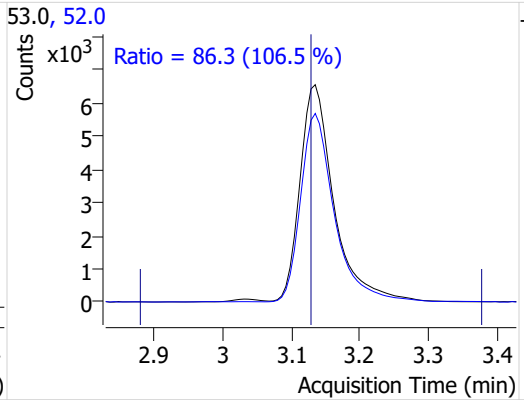


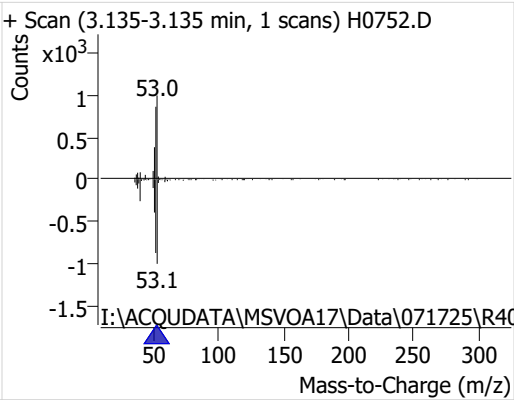


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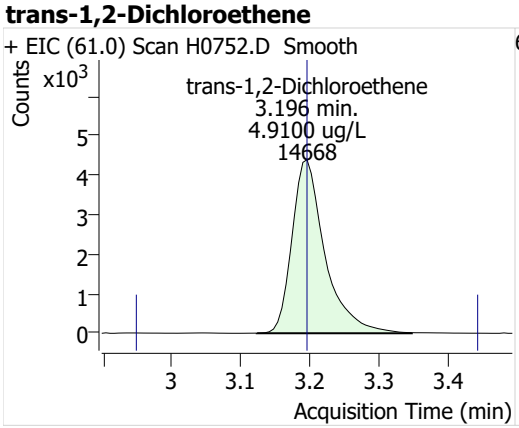
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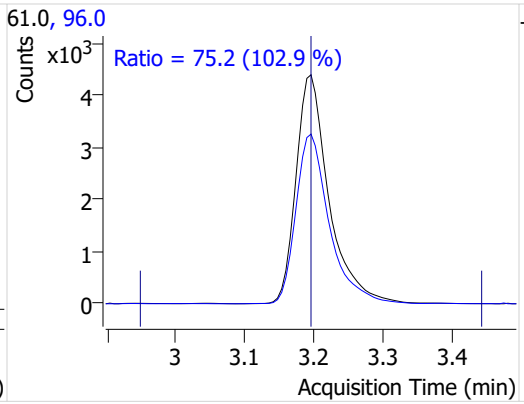


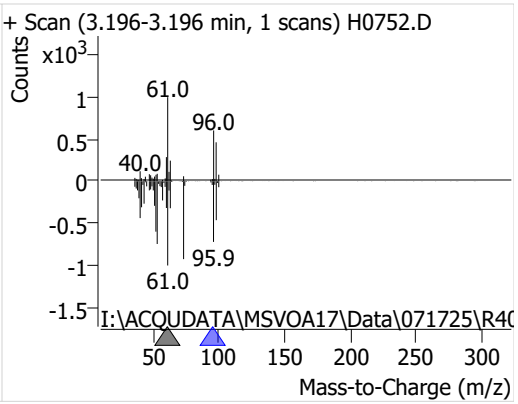




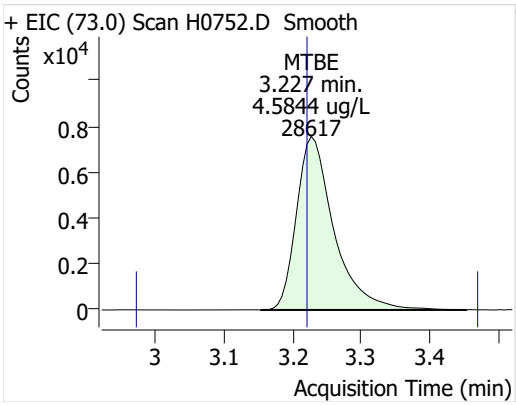
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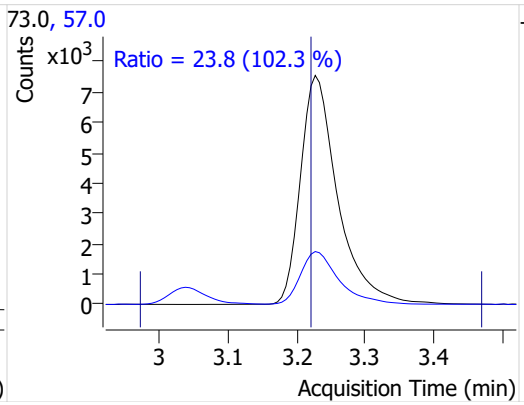


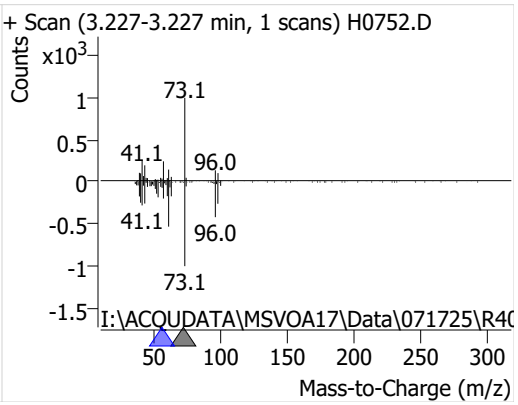




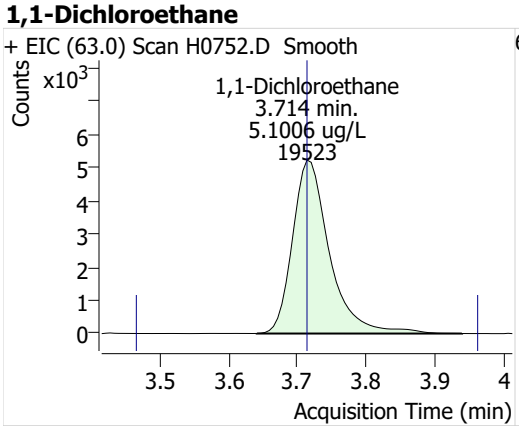
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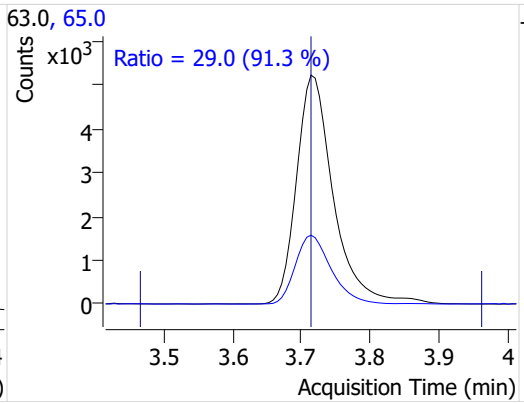


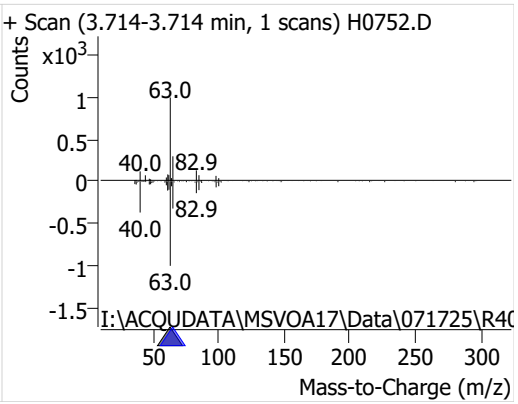




1,1-Dichloroethane

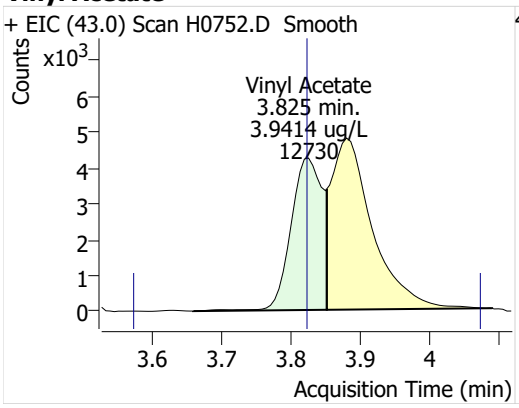


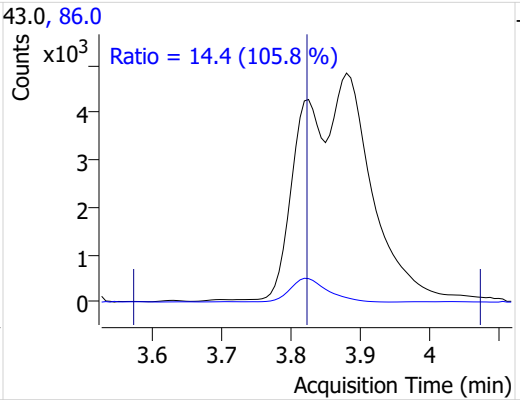


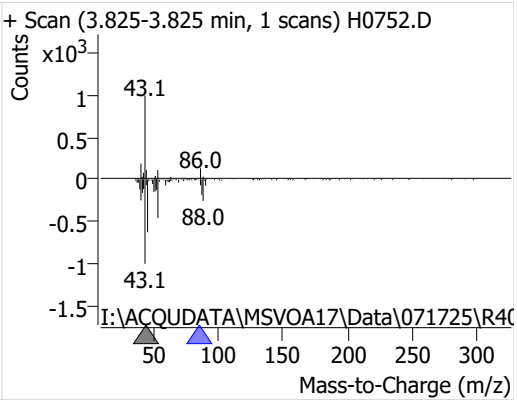


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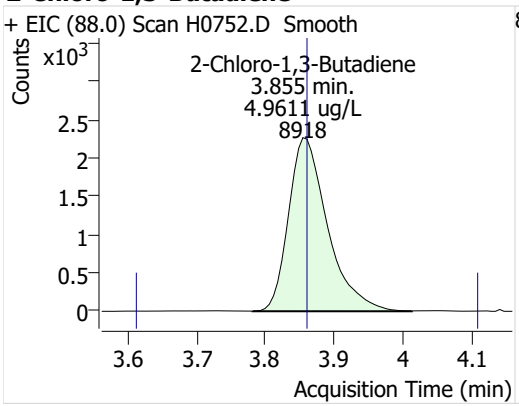
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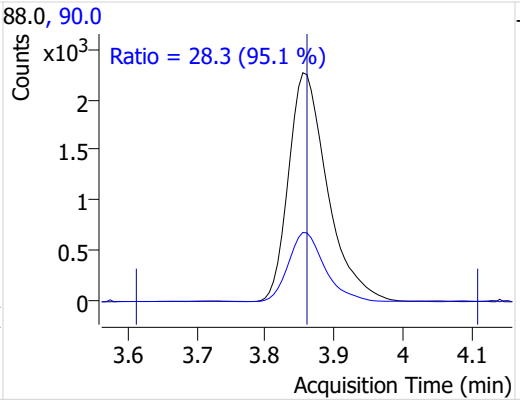


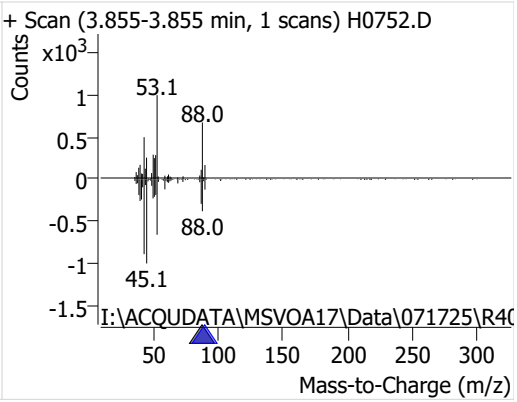




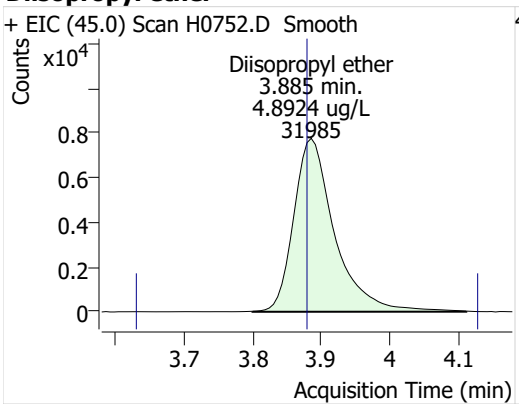
2-Chloro-1,3-Butadiene

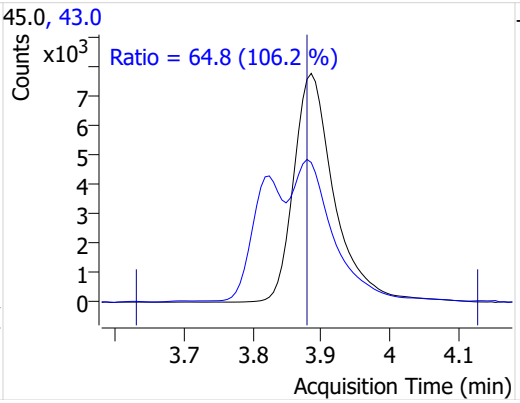


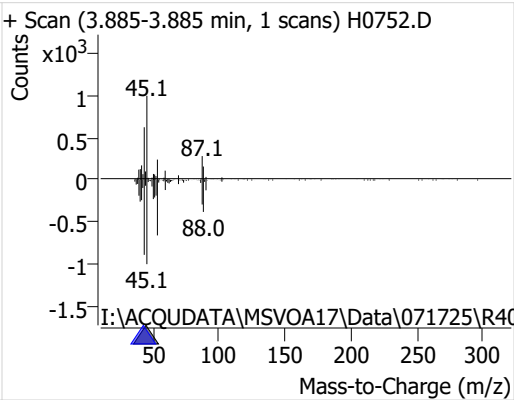




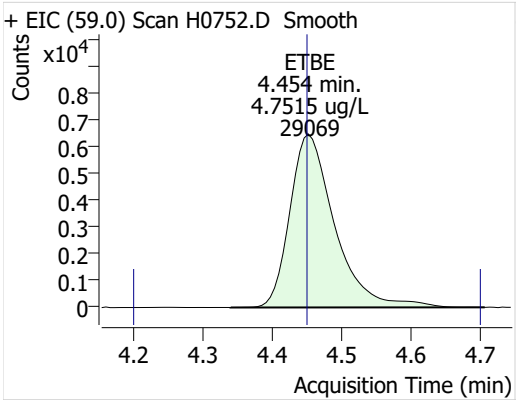
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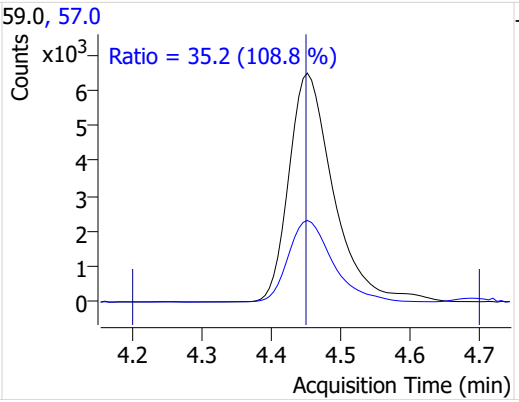


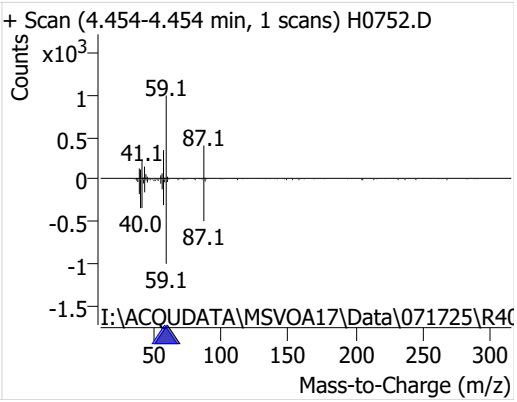




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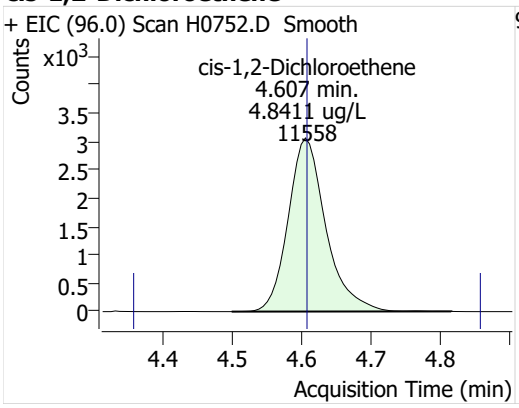


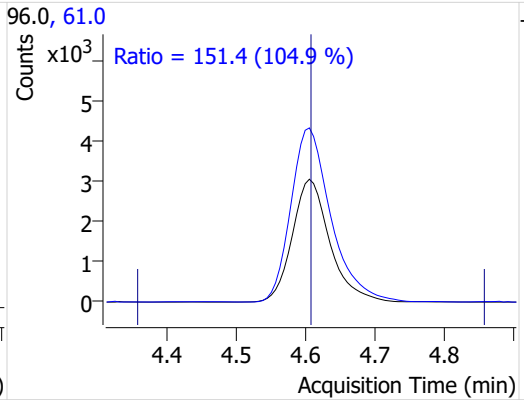


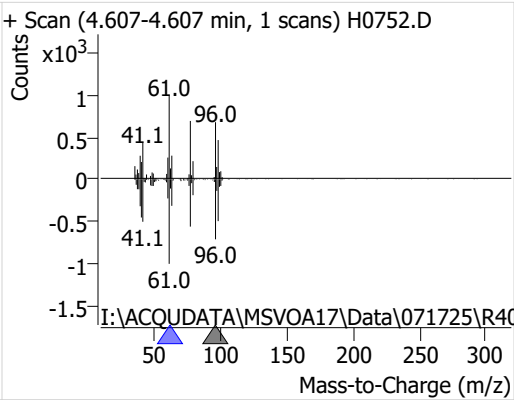


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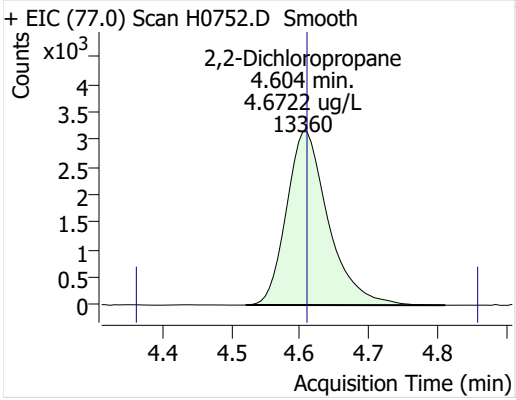
cis-1,2-Dichloroethene

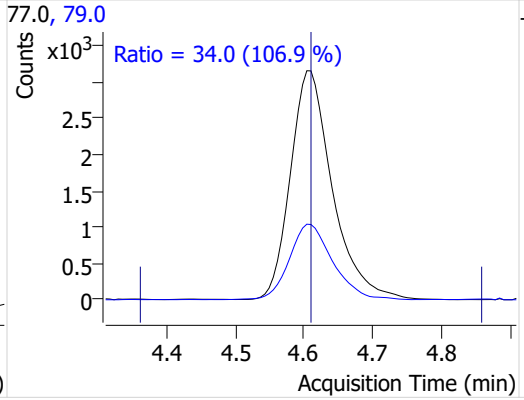


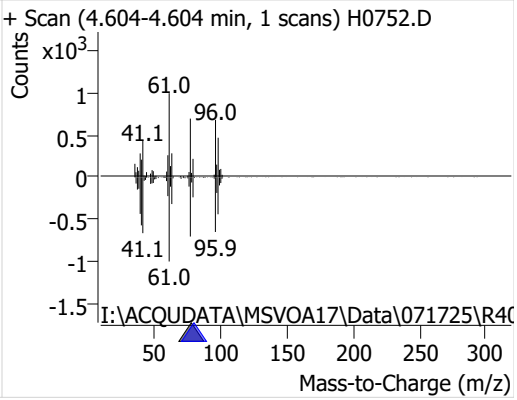




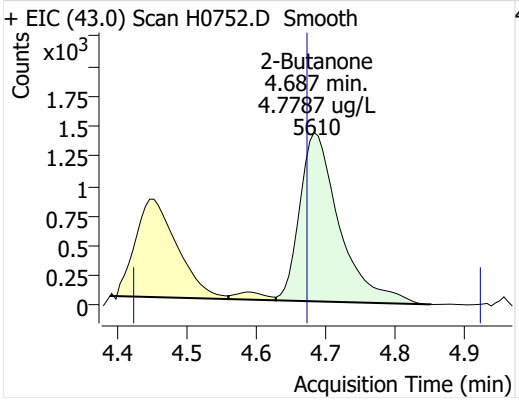
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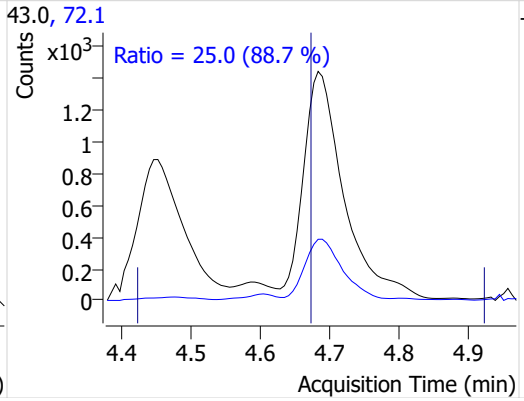


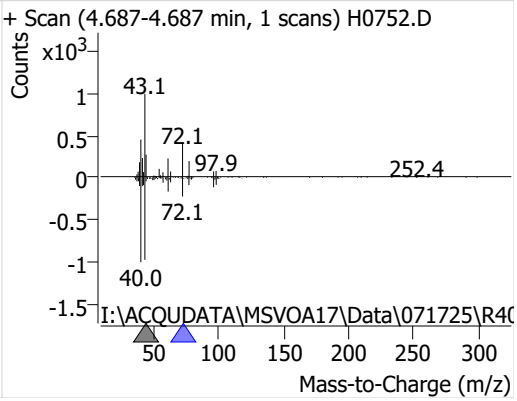




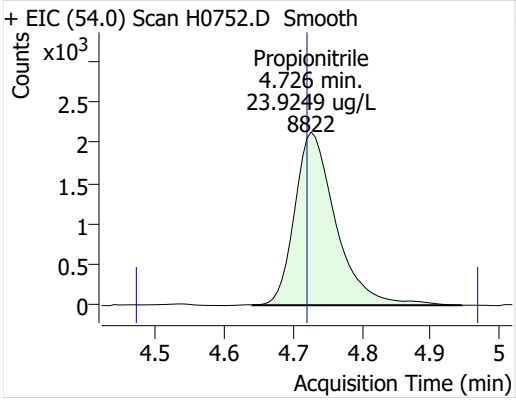
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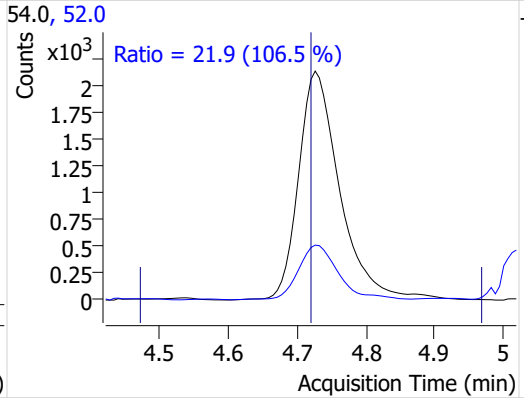


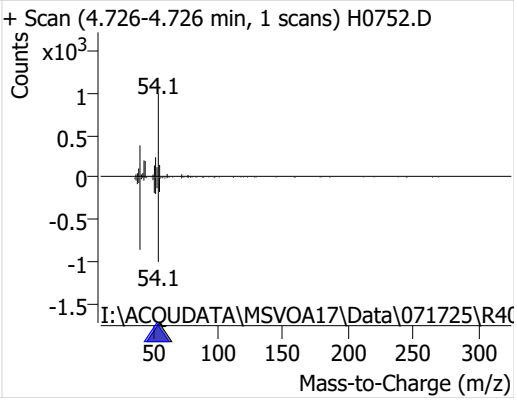




Propionitrile

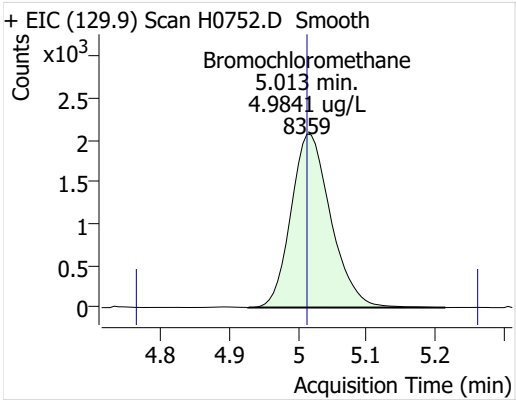


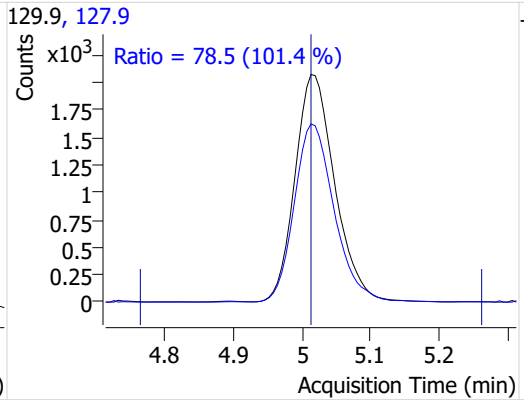


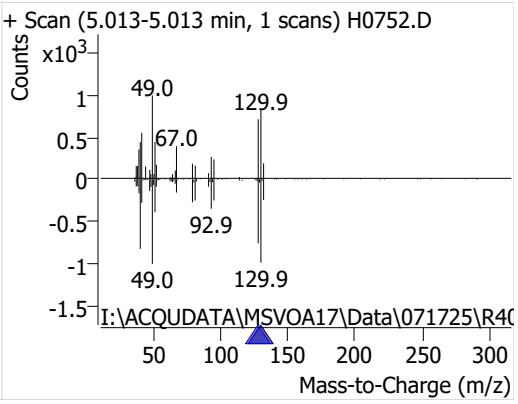


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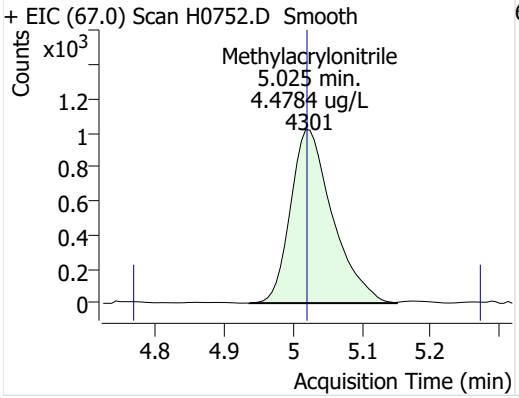
Bromochloromethane

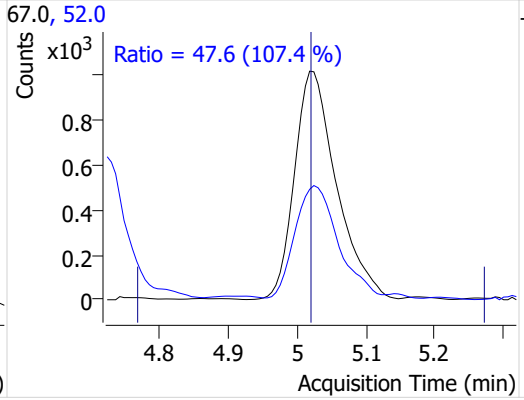


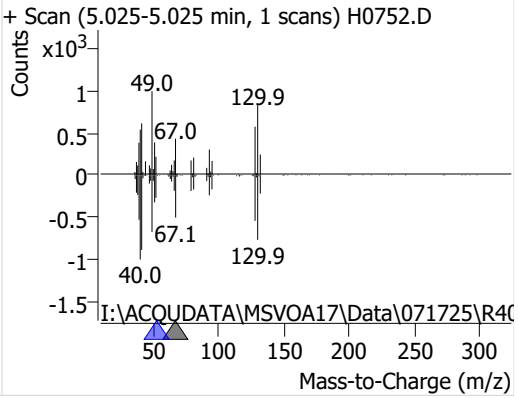




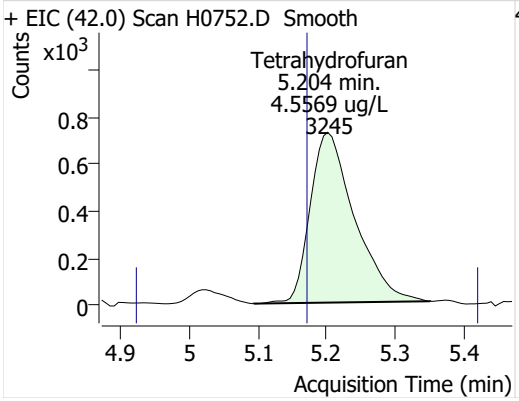
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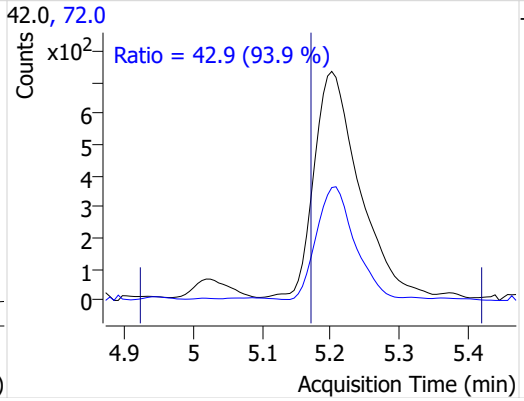


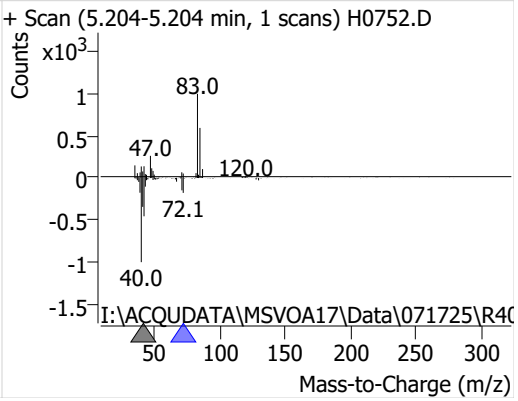




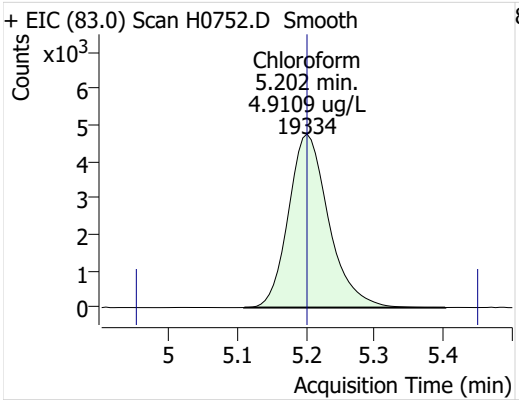
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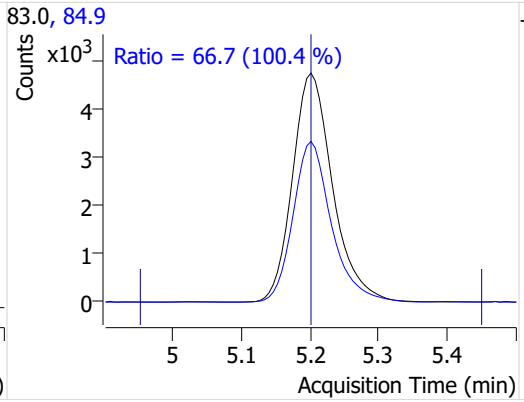


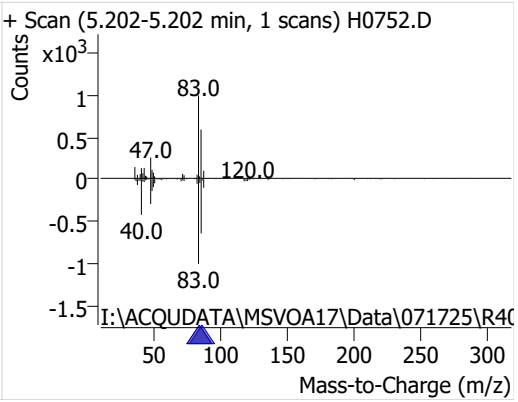




Chloroform

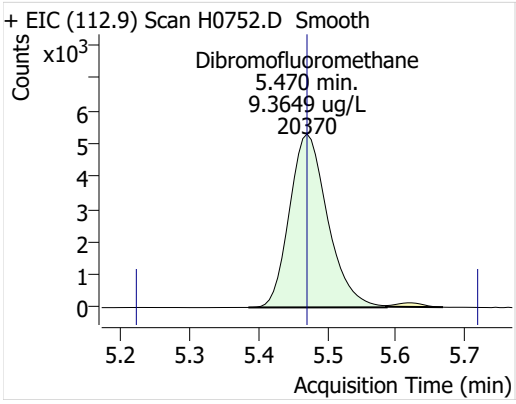


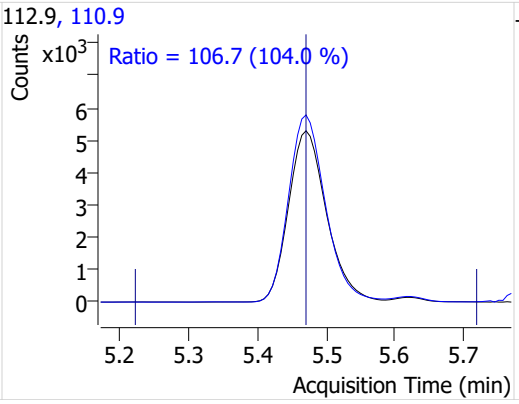


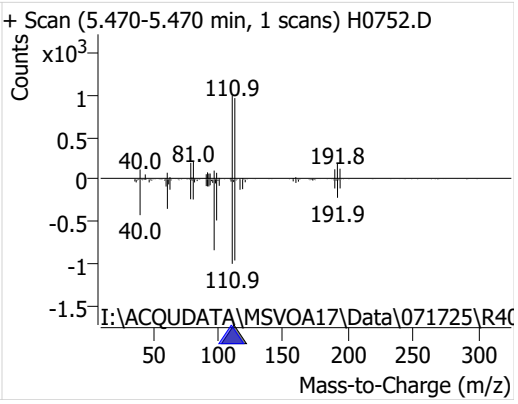


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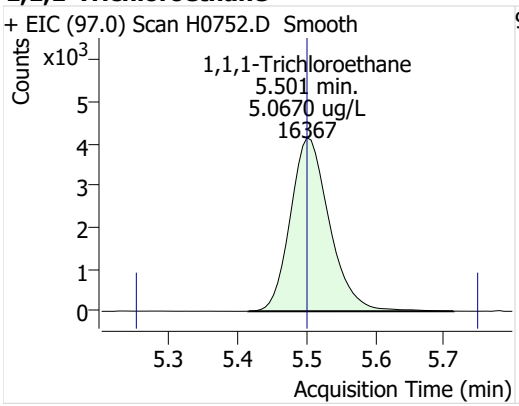
Dibromofluoromethane

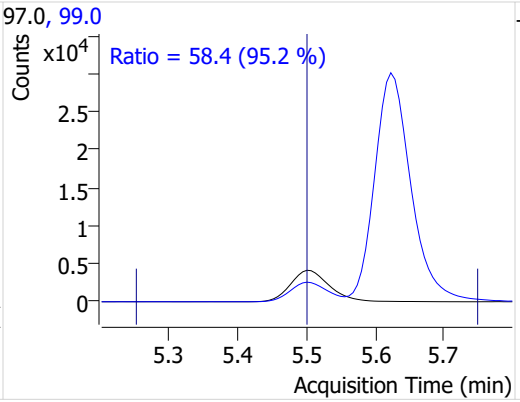


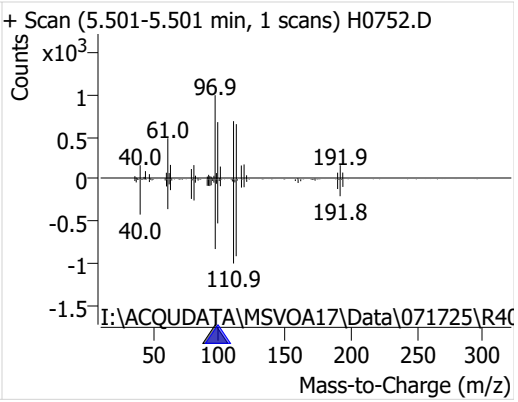




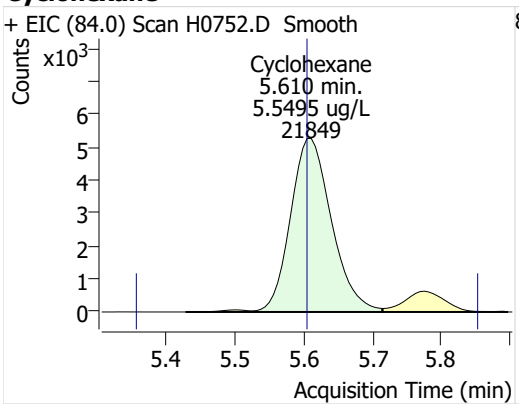
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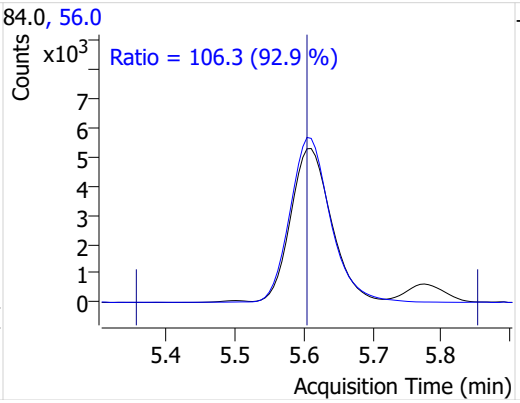


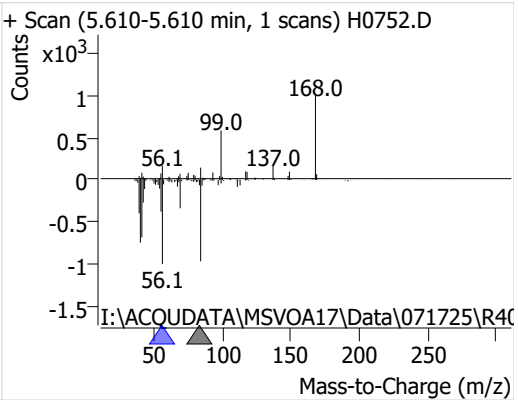




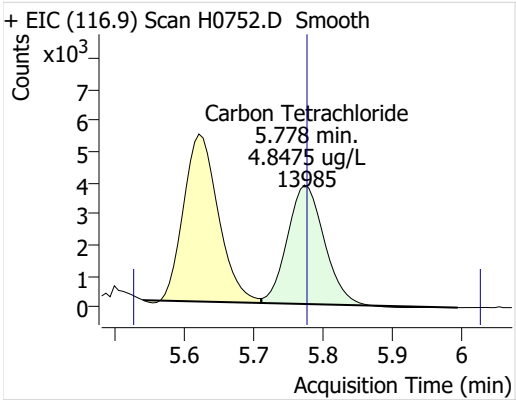
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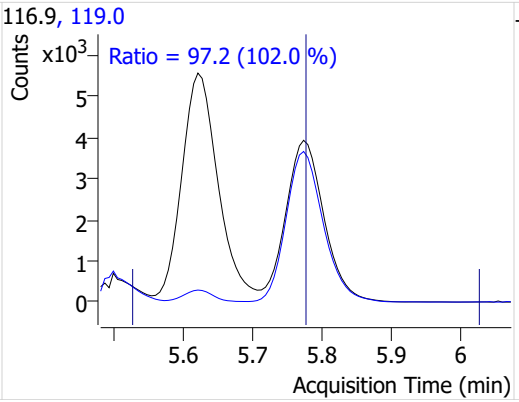


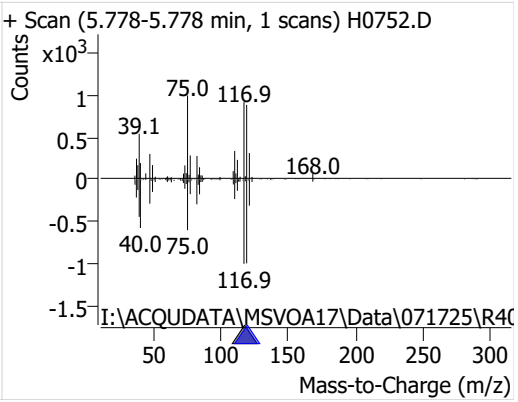




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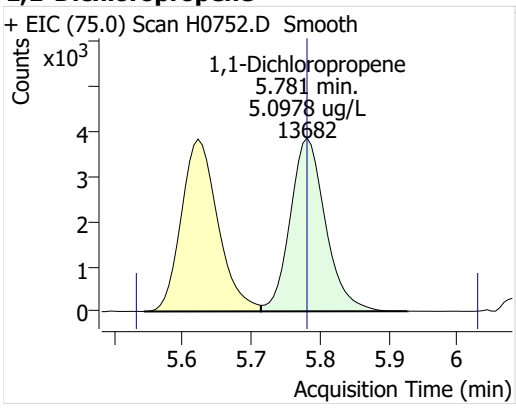


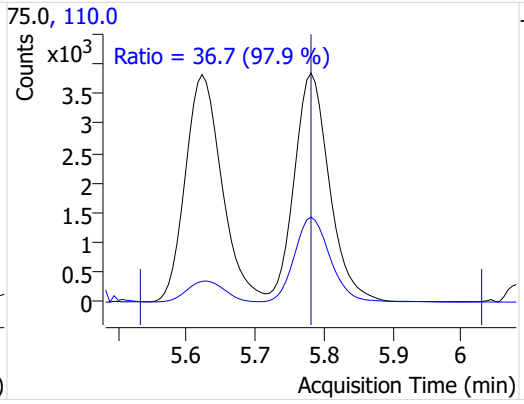


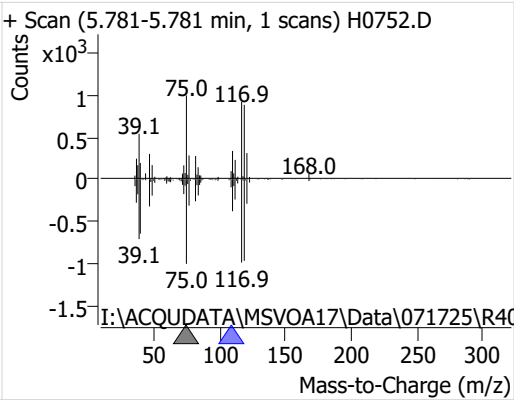


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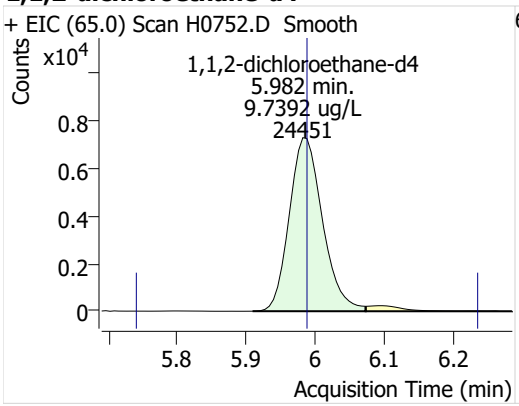
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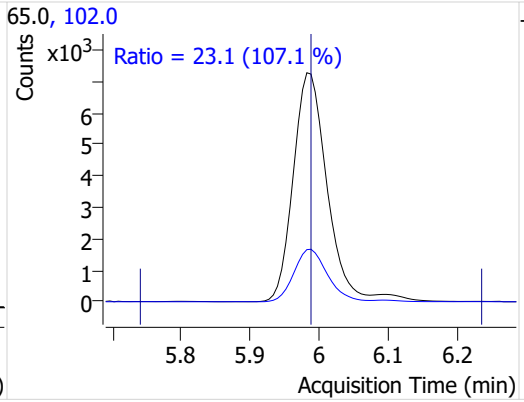


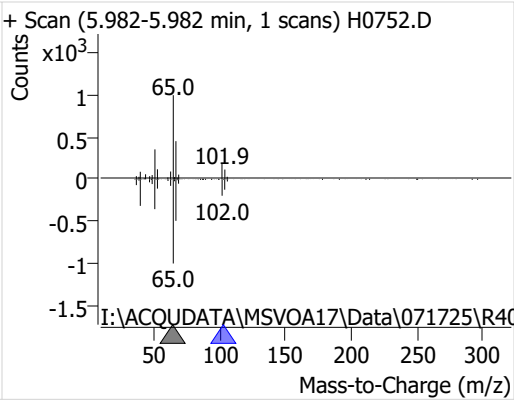




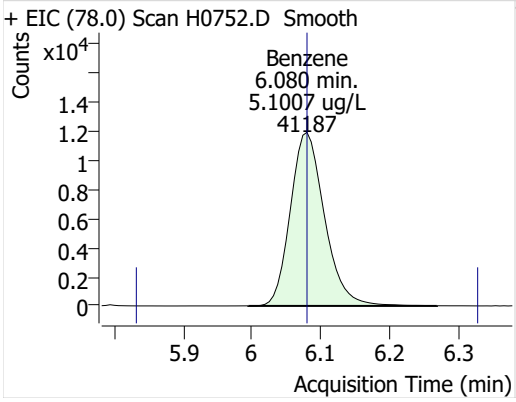
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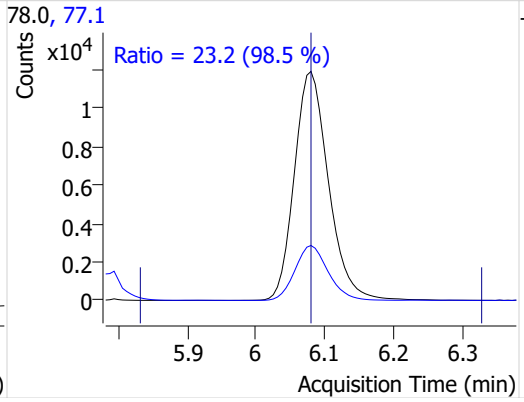


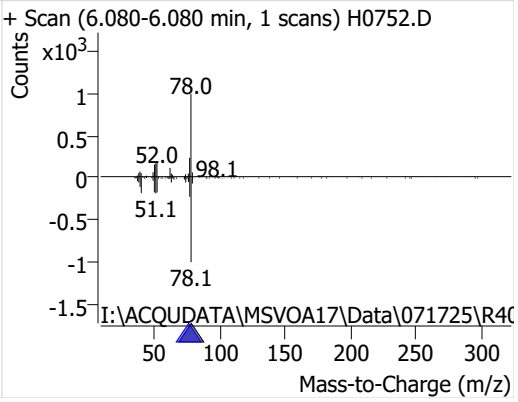




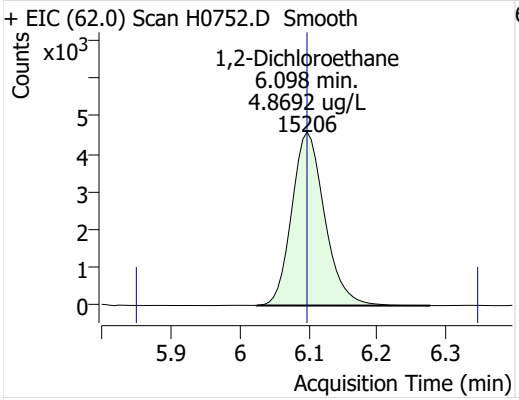
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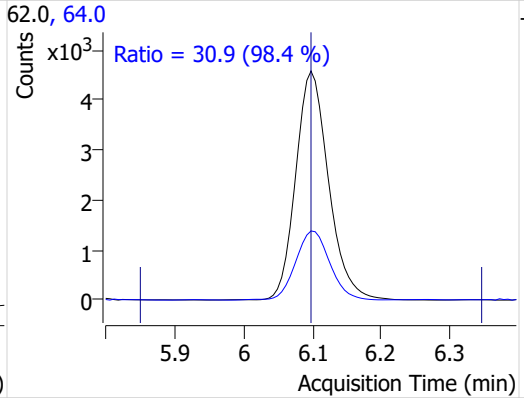


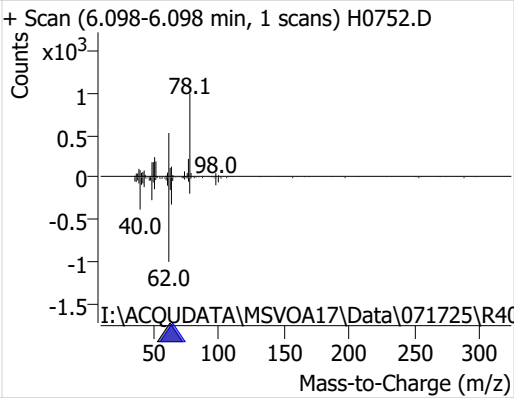




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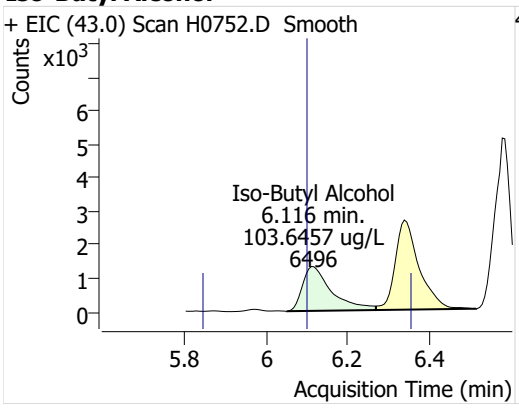


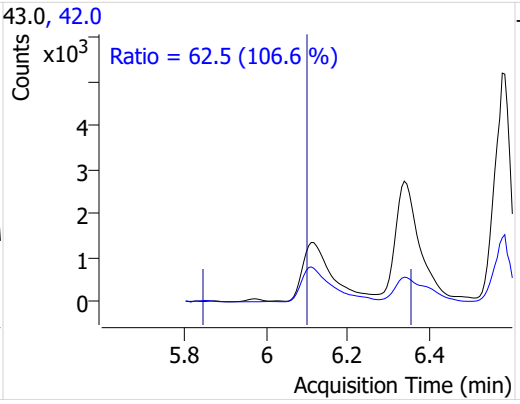


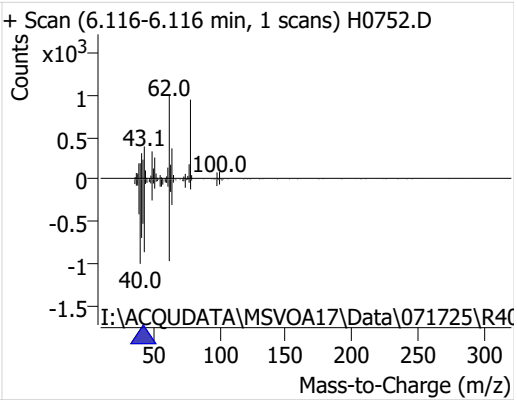


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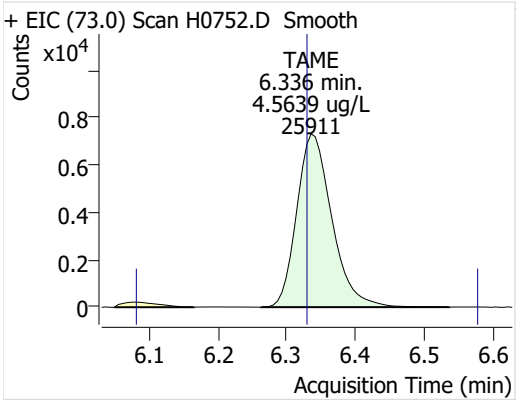
Iso-Butyl Alcohol

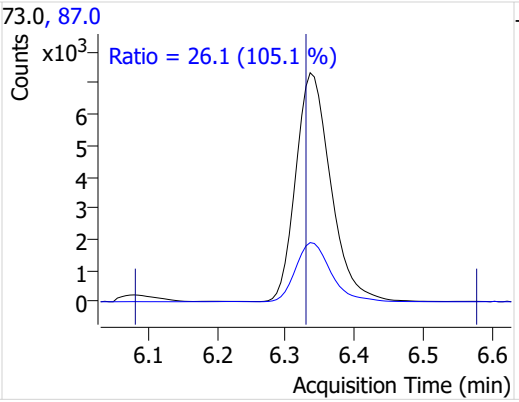


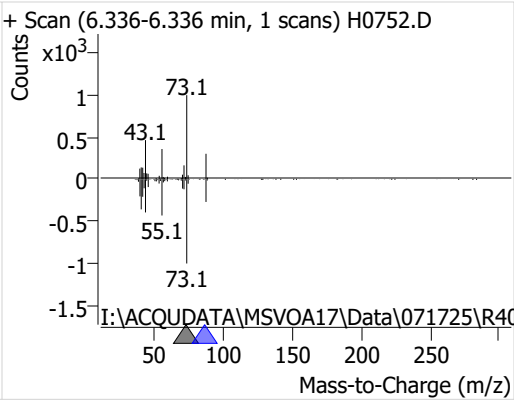




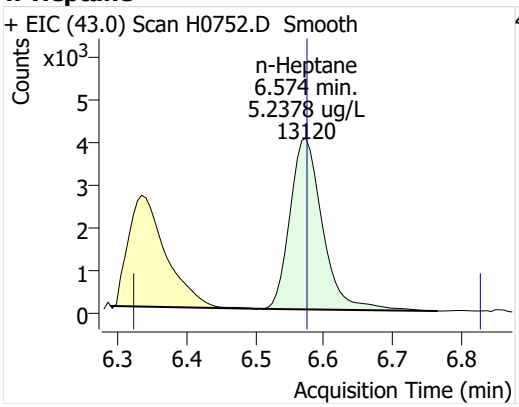
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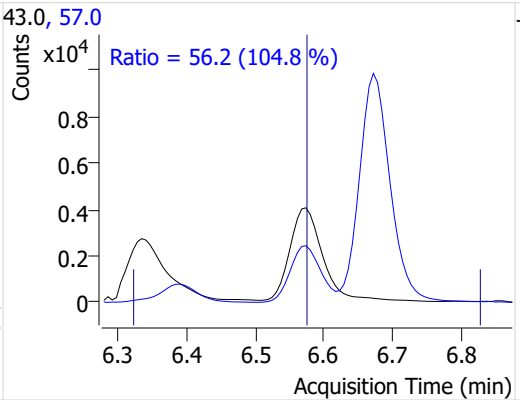


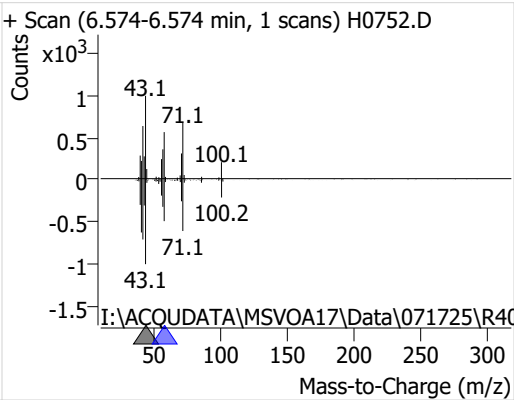




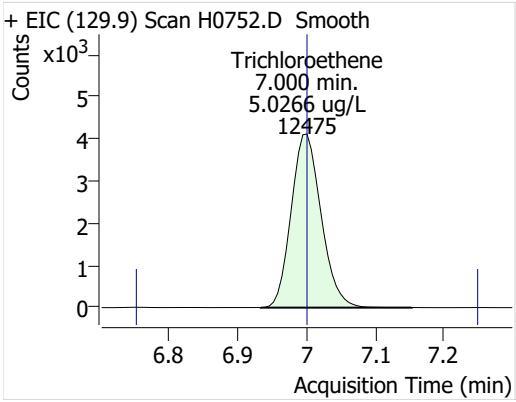
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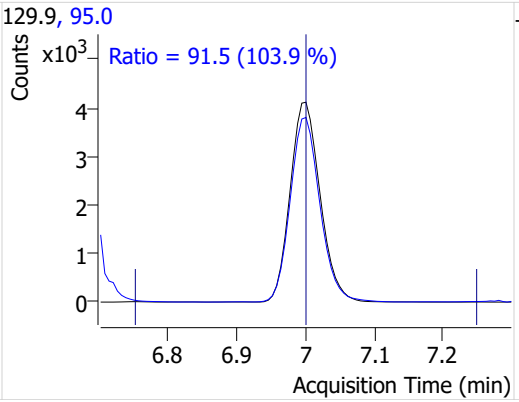


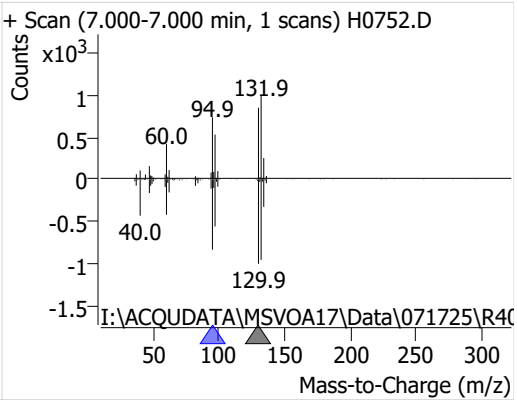




Trichloroethene

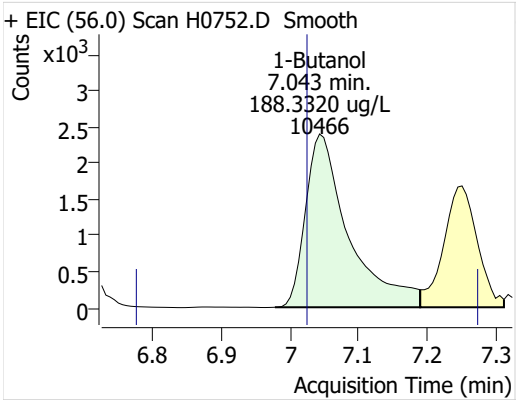


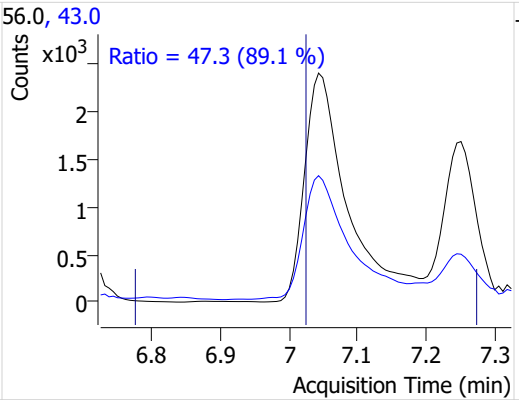


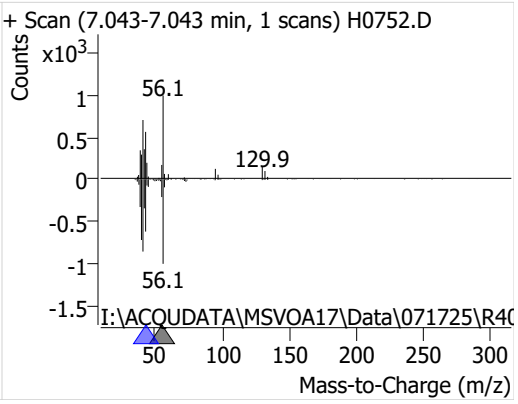


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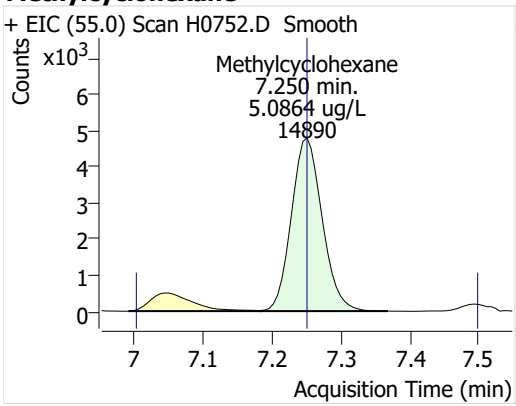
1-Butanol

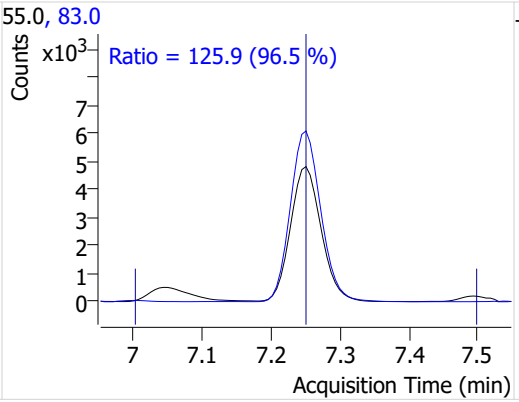


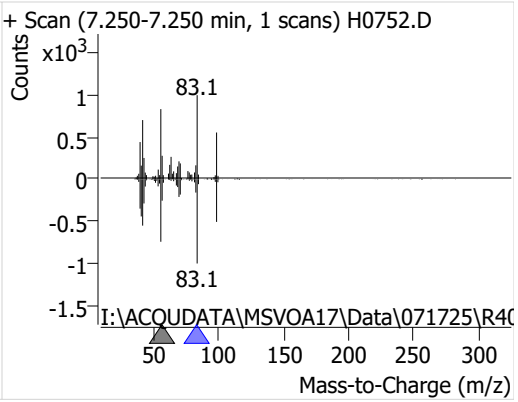




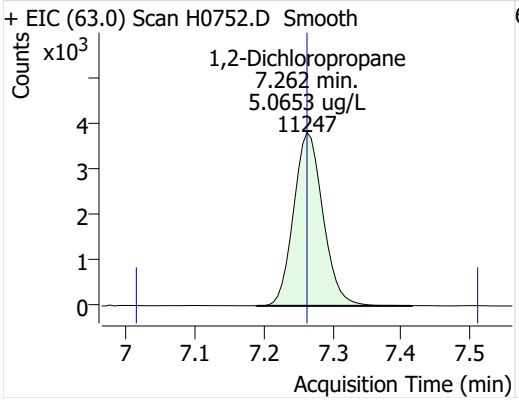
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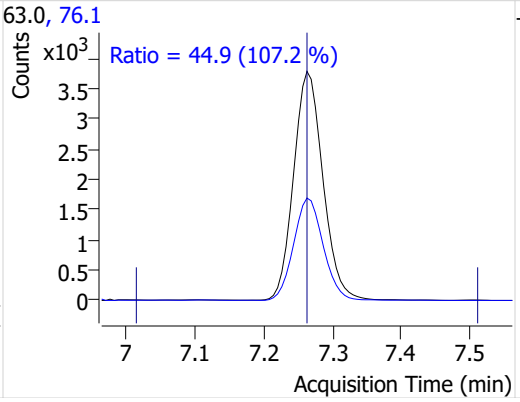


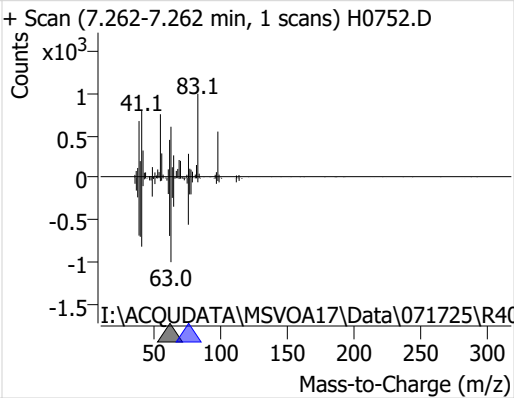




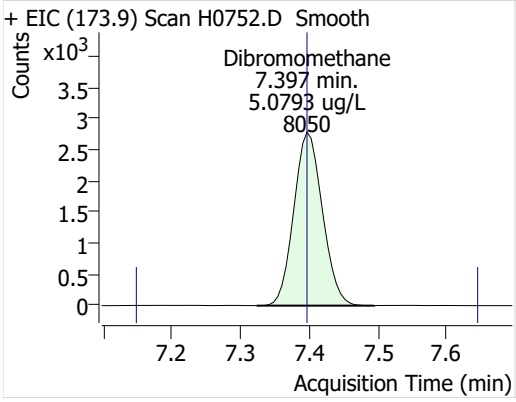
1,2-Dichloropropane

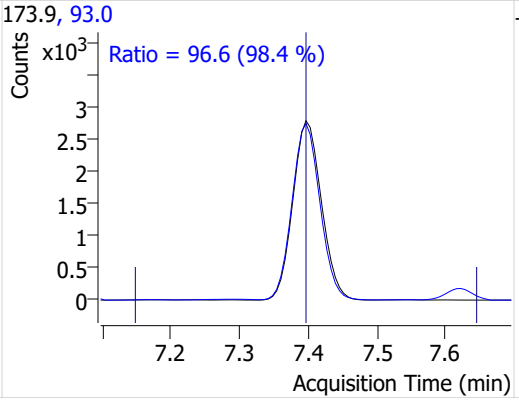


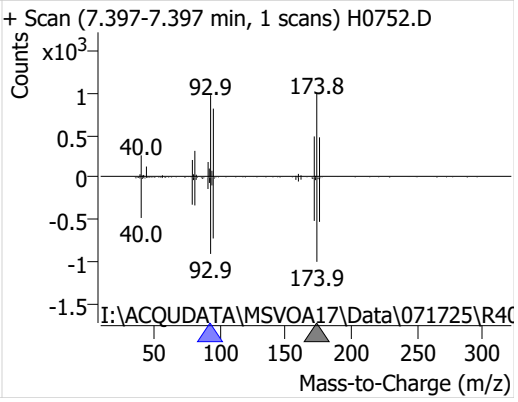




Dibromomethane

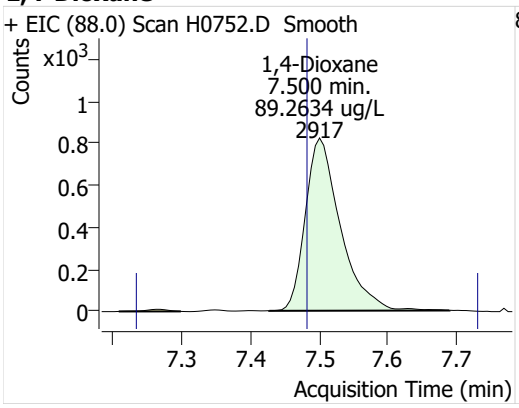


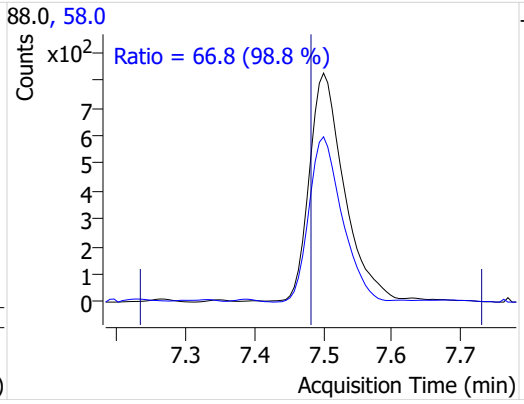


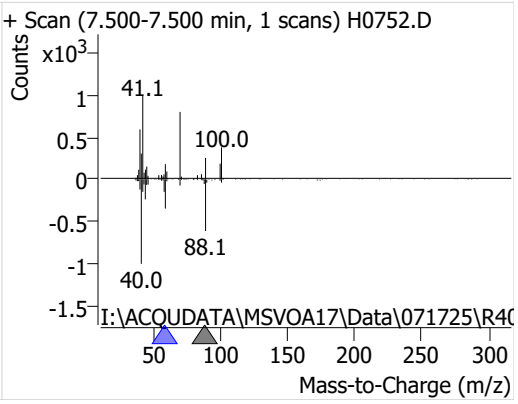


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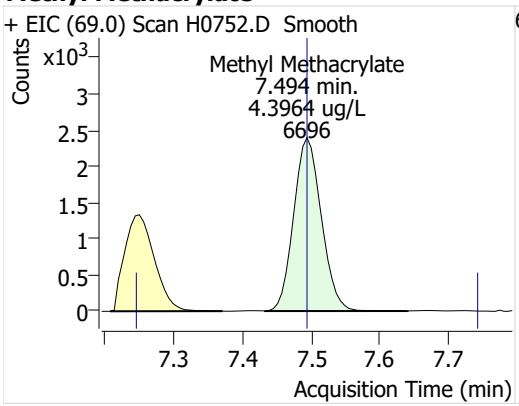
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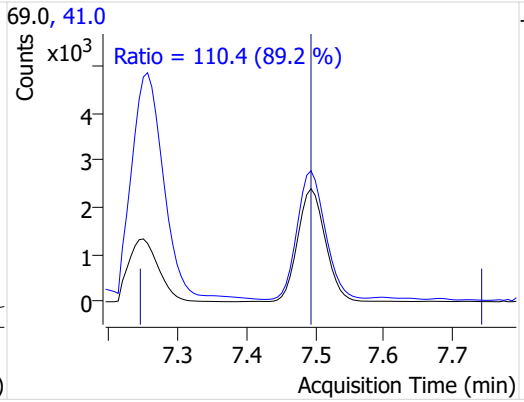


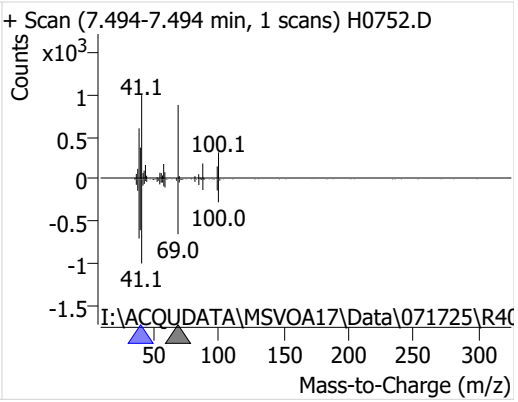




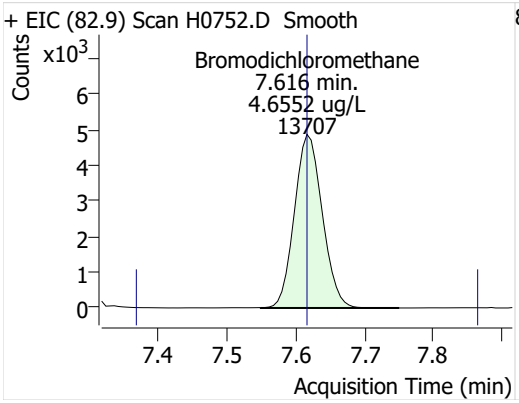
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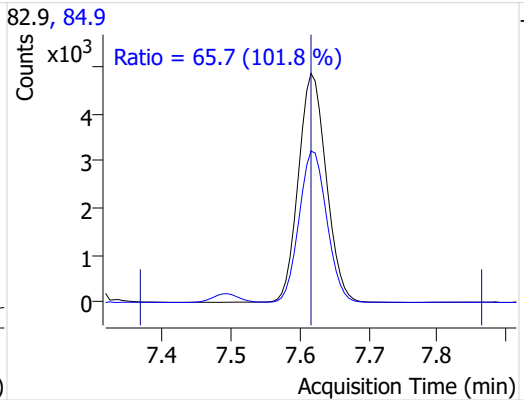


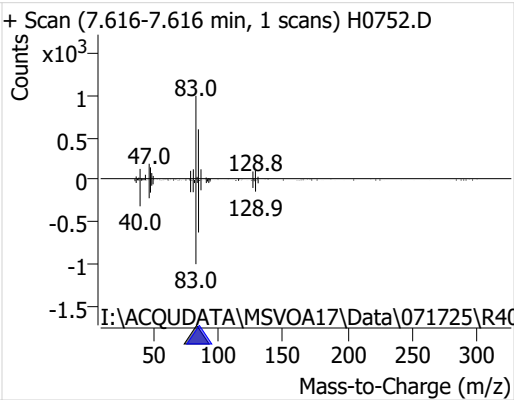




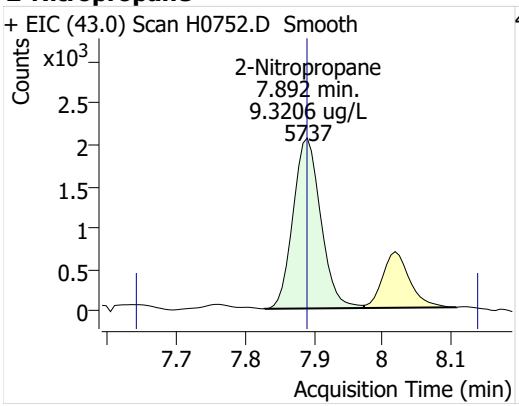
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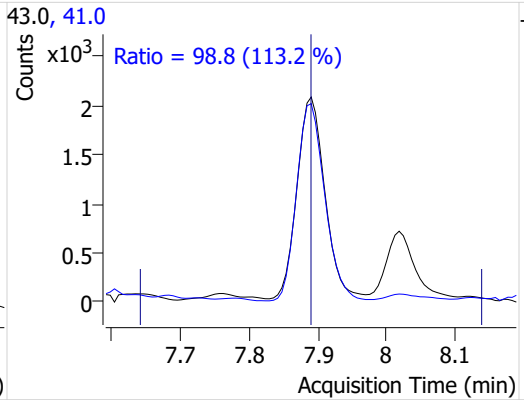


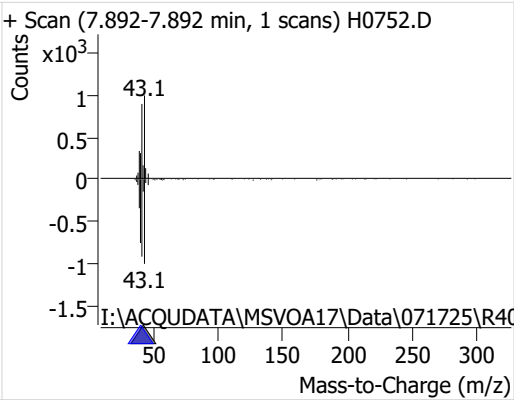




2-Nitropropane

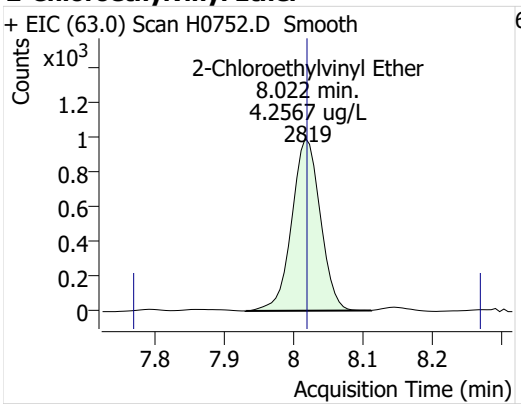


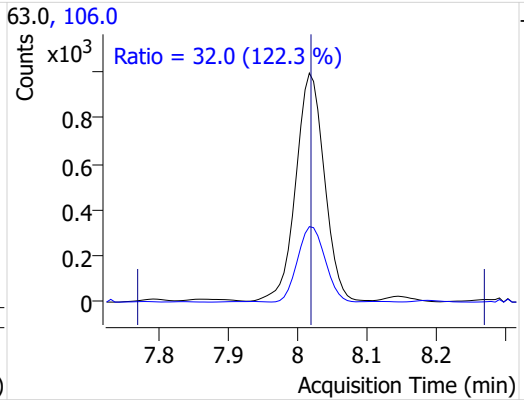


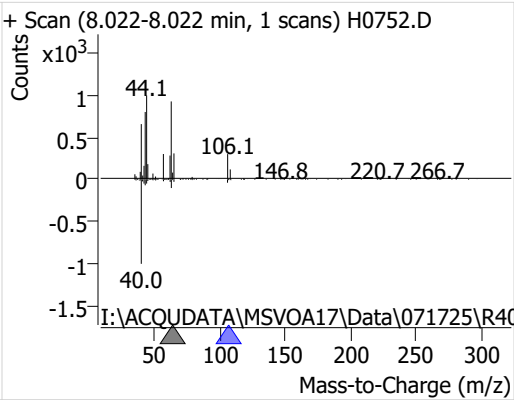


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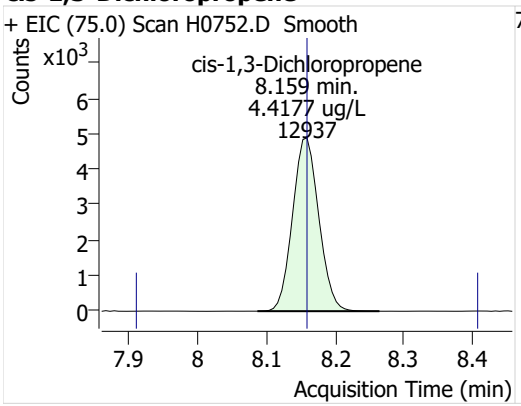
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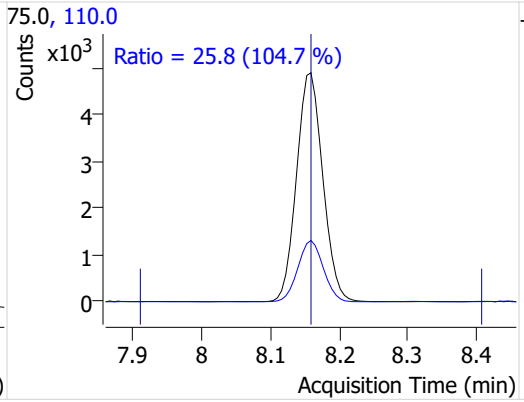


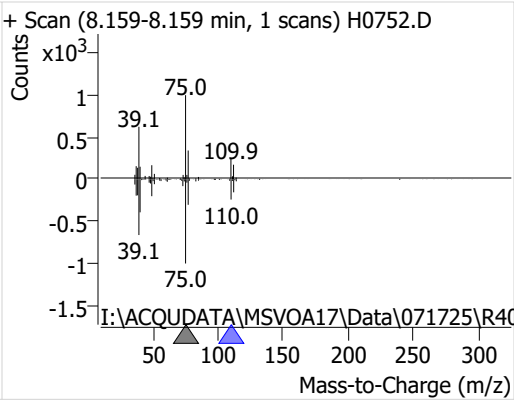




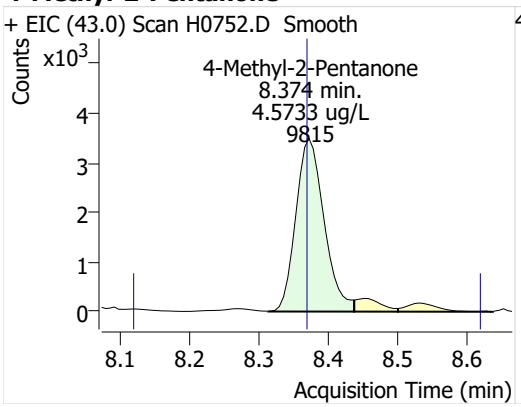
cis-1,3-Dichloropropene

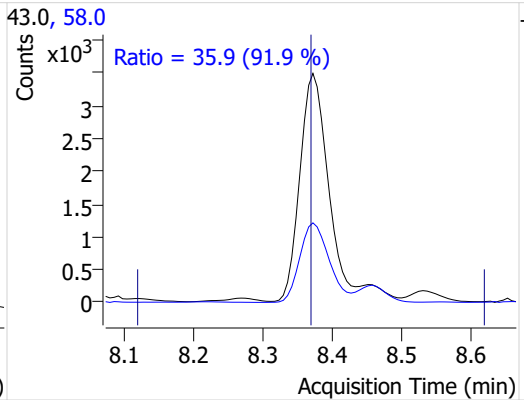


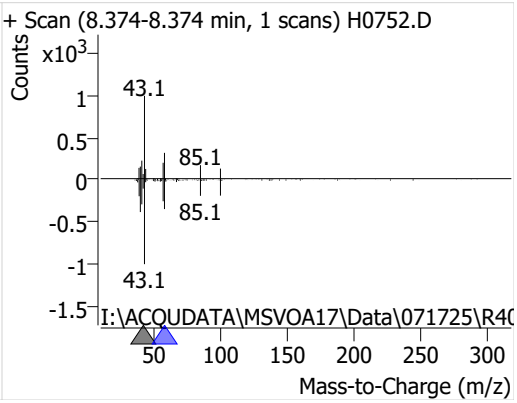




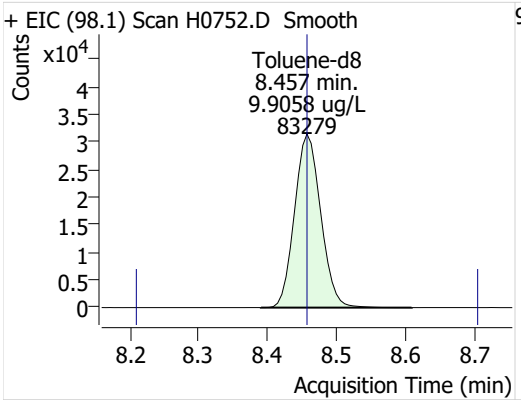
4-Methyl-2-Pentanone

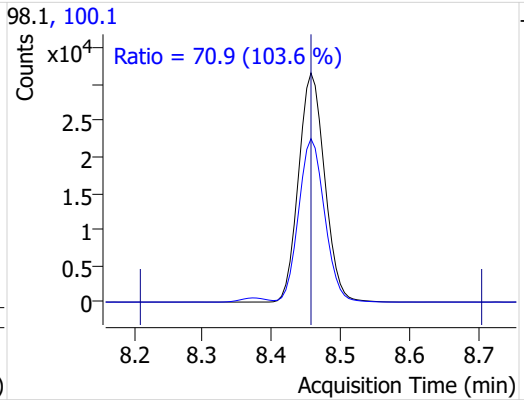


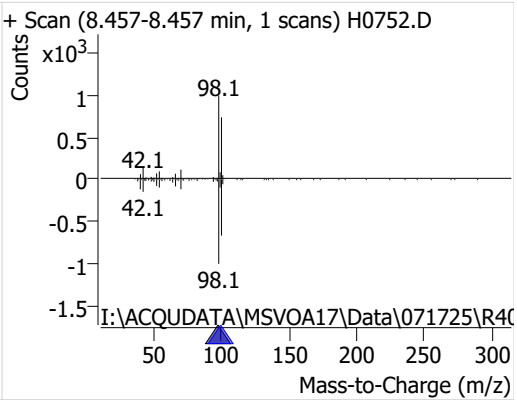




Toluene-d8

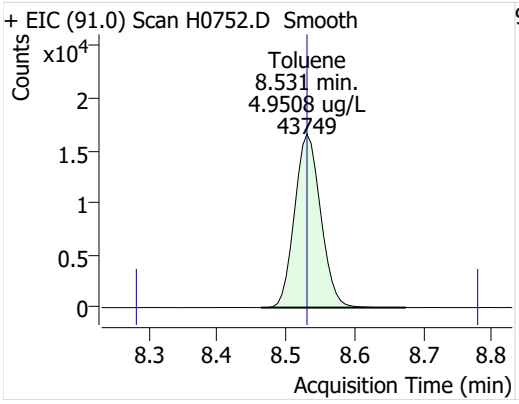


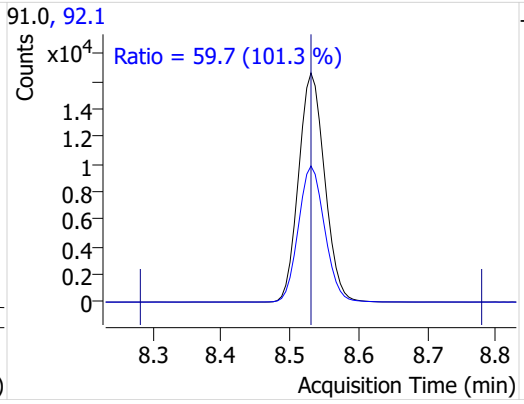


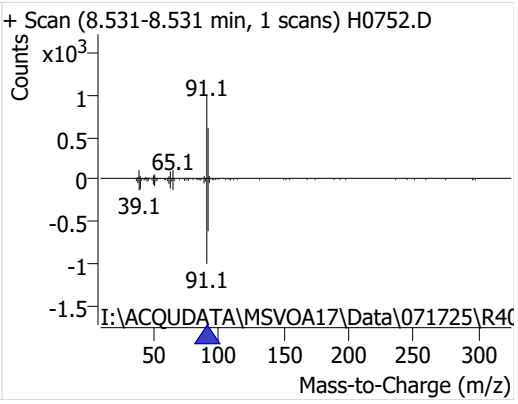


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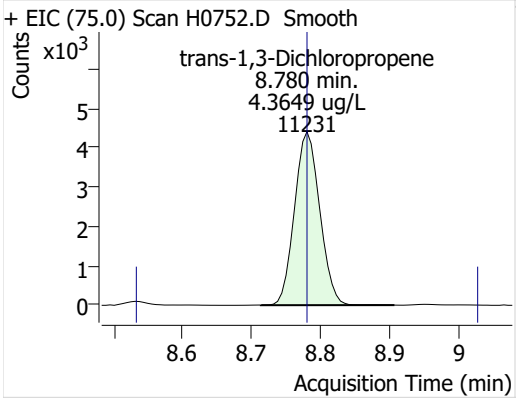
Toluene

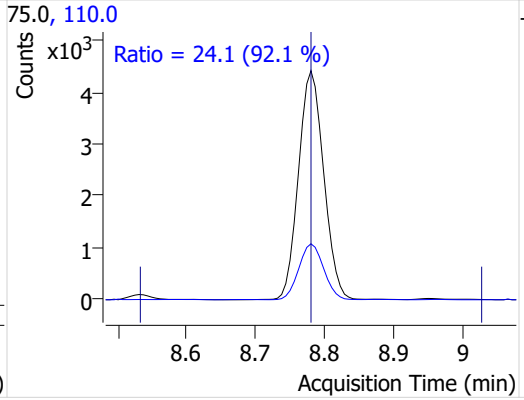


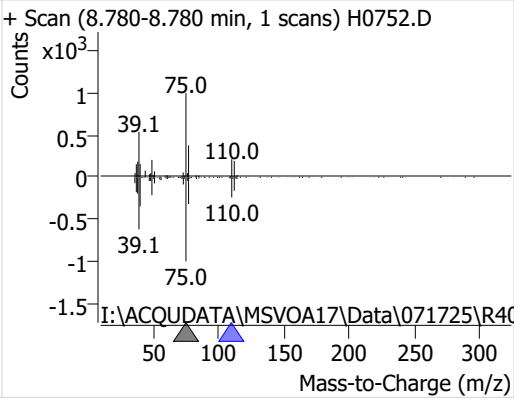




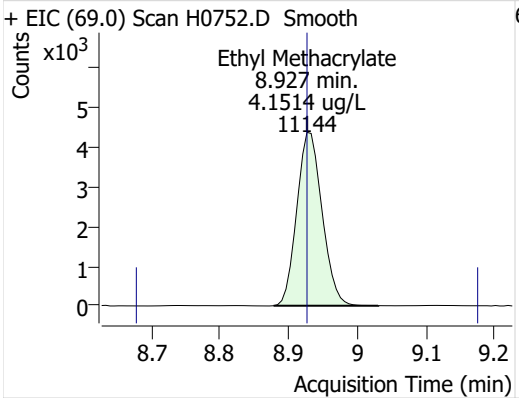
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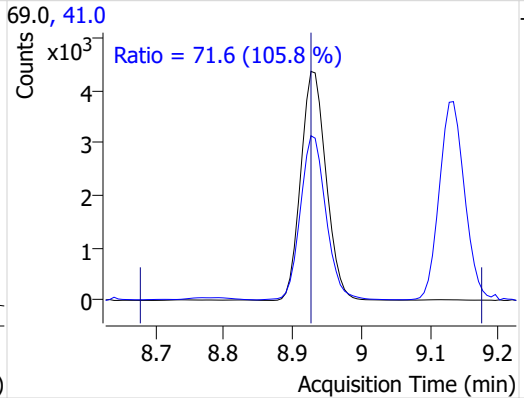


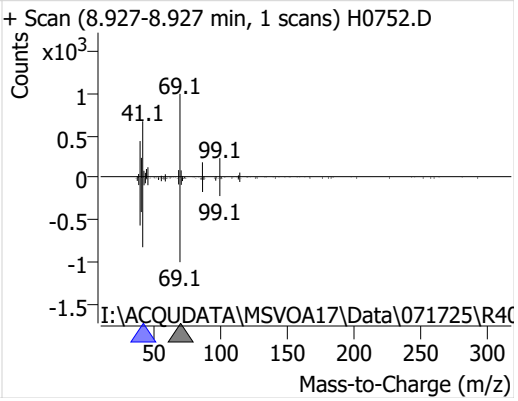




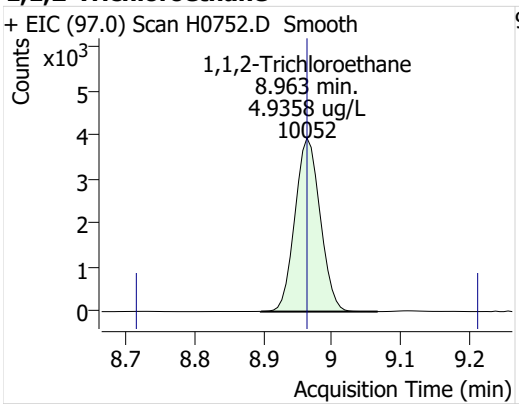
Ethyl Methacrylate

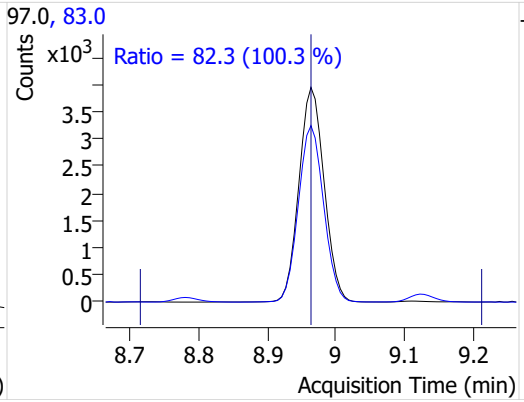


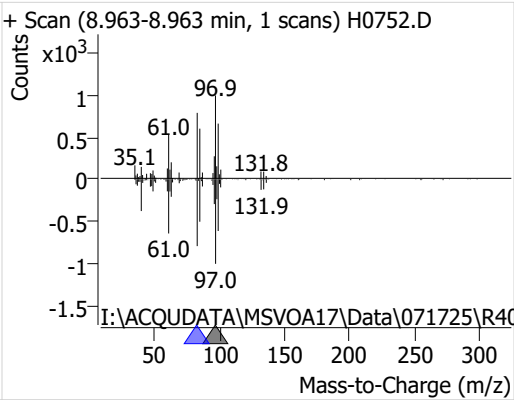




1,1,2-Trichloroethane

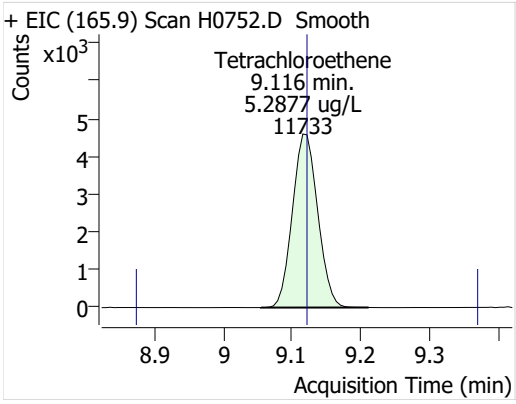


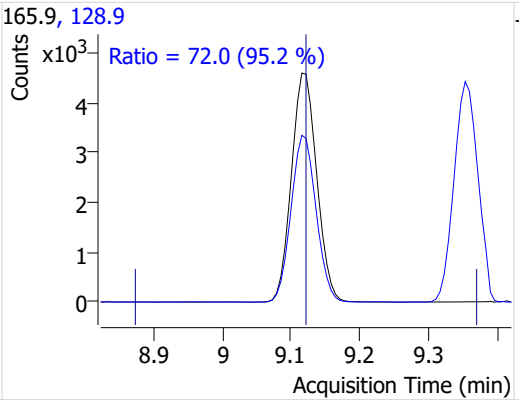


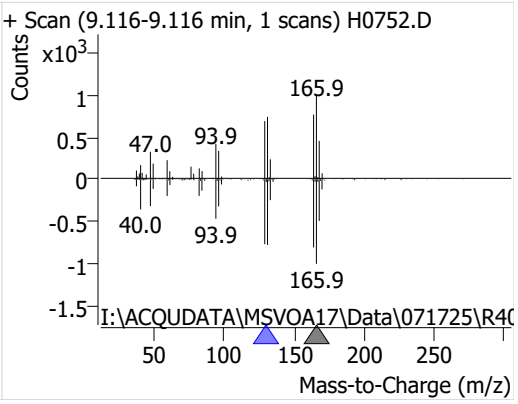


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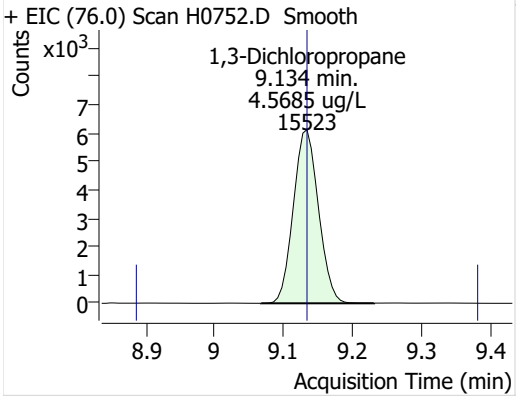
Tetrachloroethene

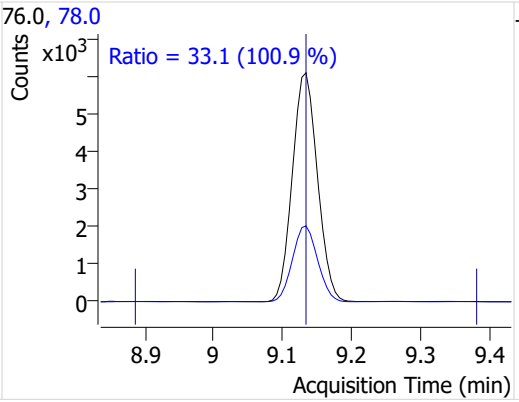


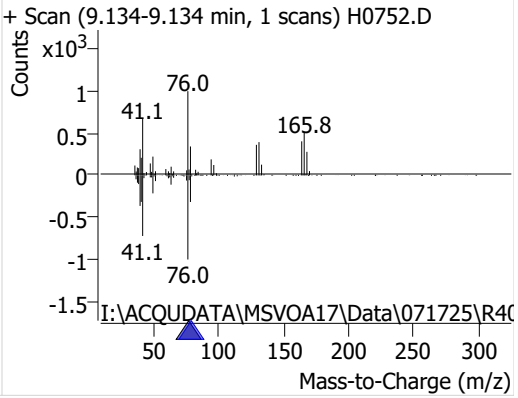




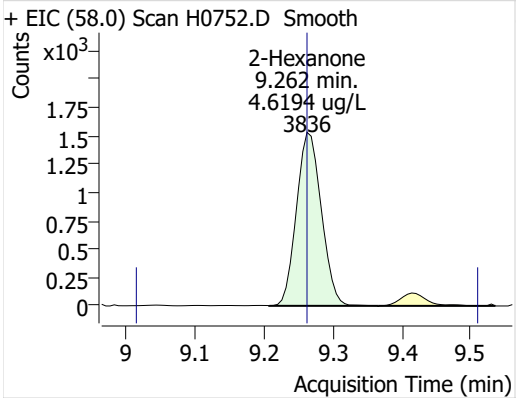
1,3-Dichloropropane

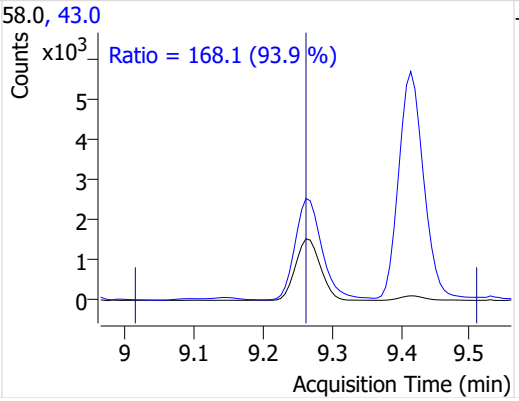


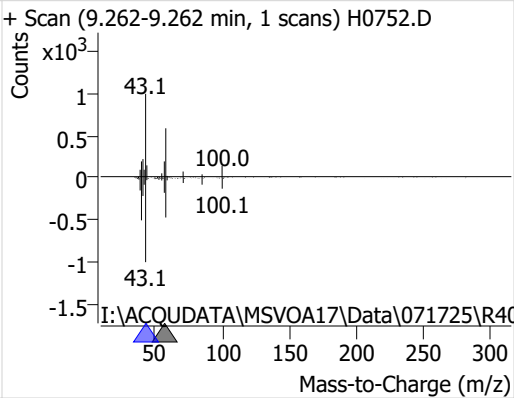




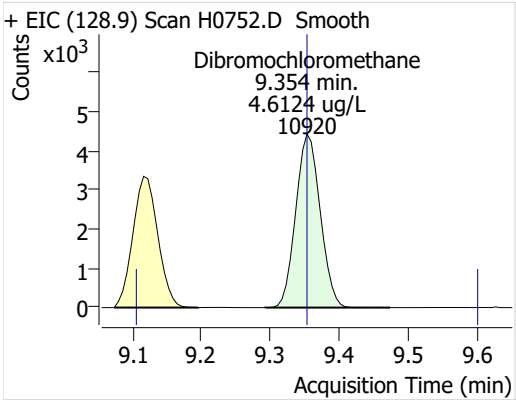
2-Hexanone

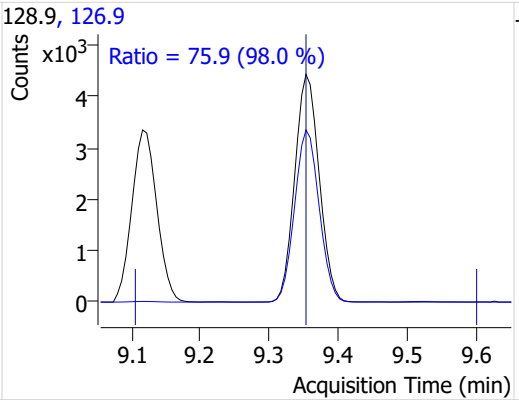


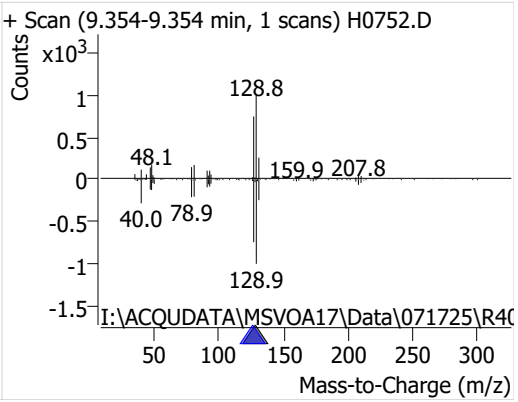




Dibromochloromethane

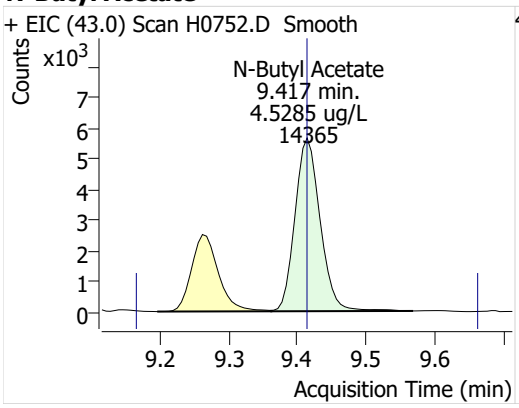


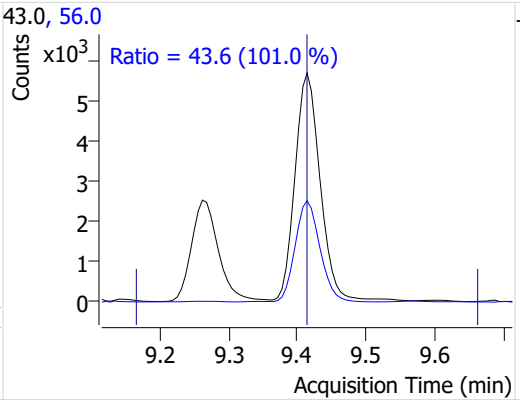


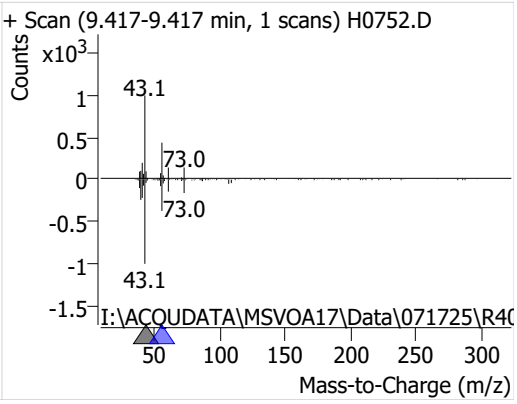


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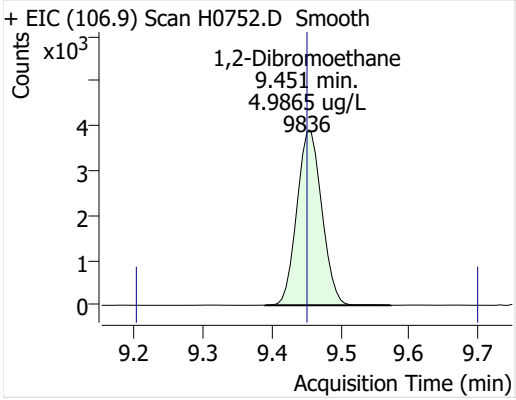
N-Butyl Acetate

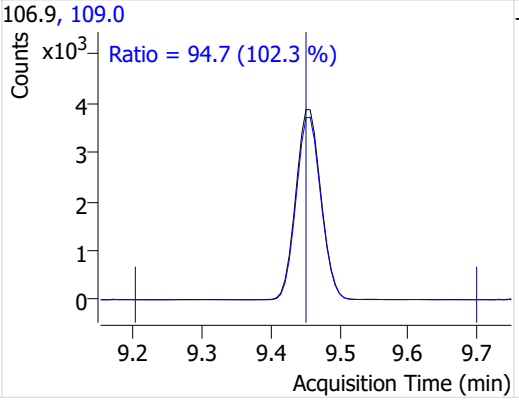


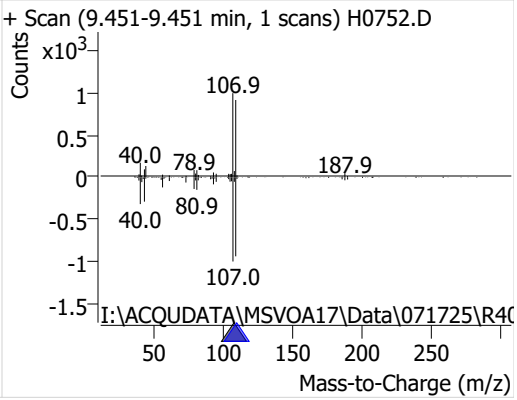




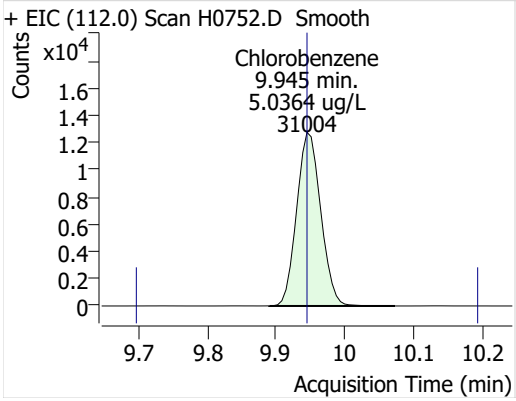
1,2-Dibromoethane

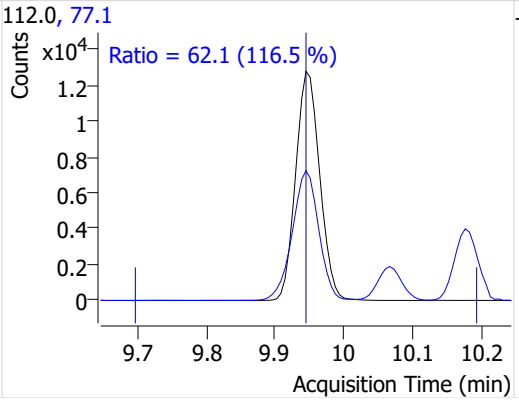


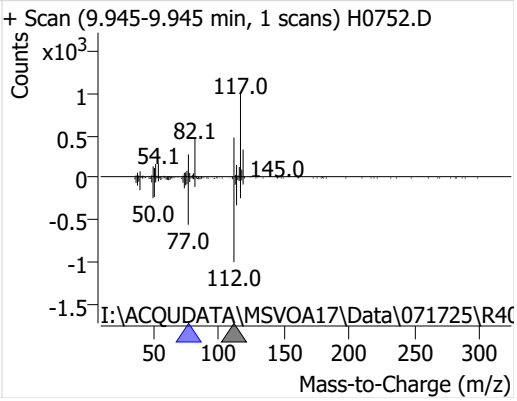




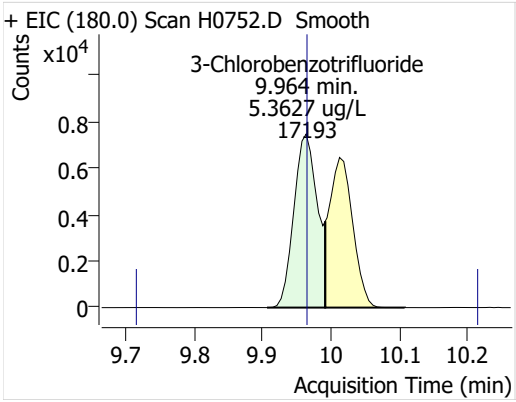
Chlorobenzene

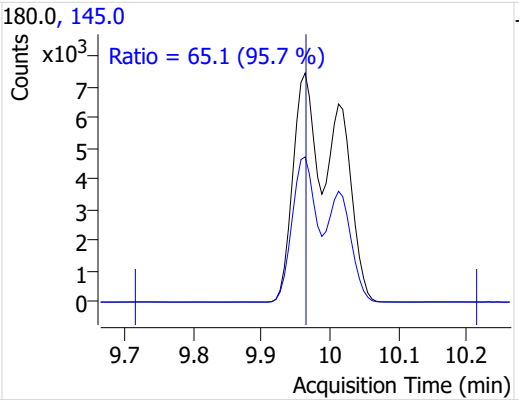


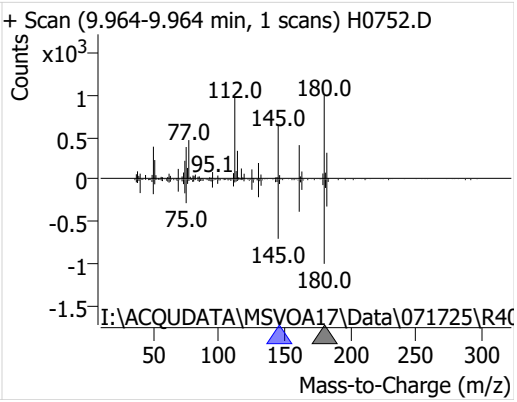




3-Chlorobenzotrifluoride

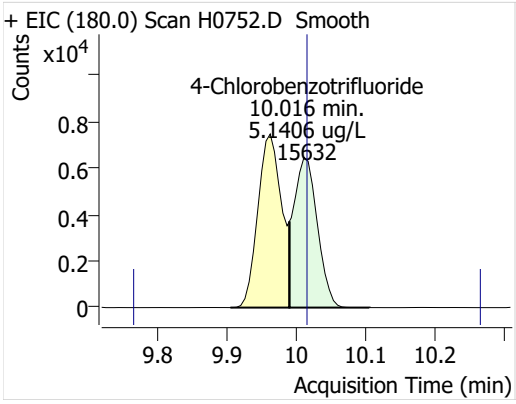


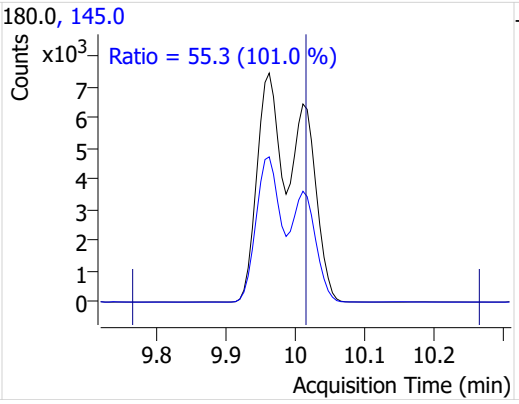


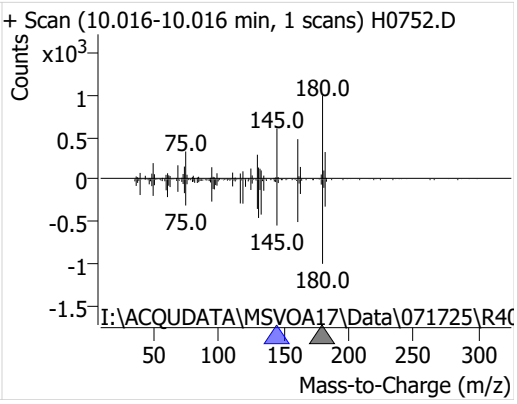


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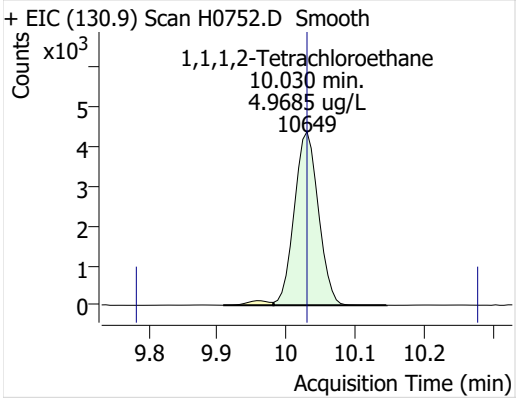
4-Chlorobenzotrifluoride

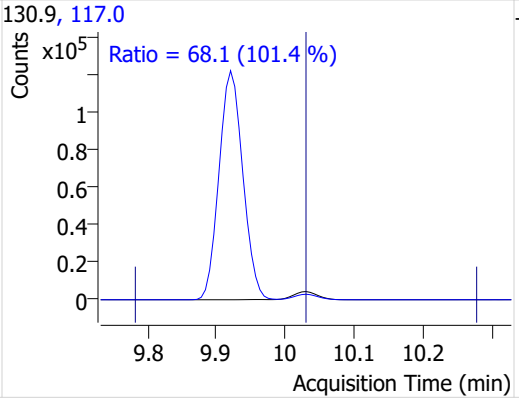


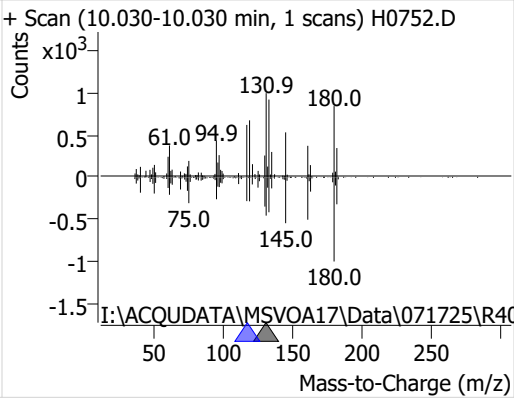




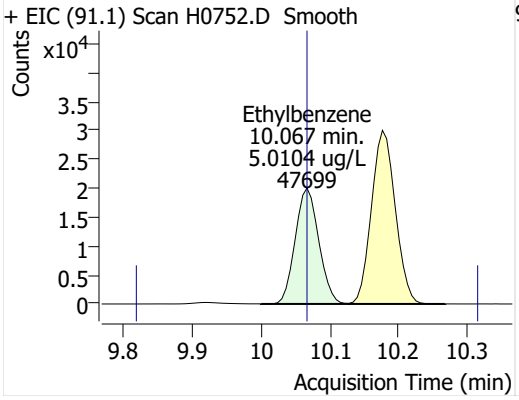
1,1,1,2-Tetrachloroethane

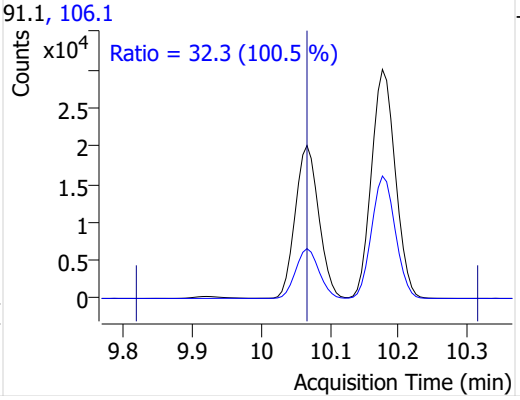


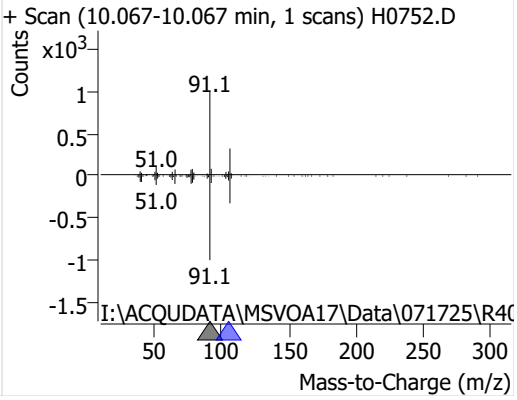




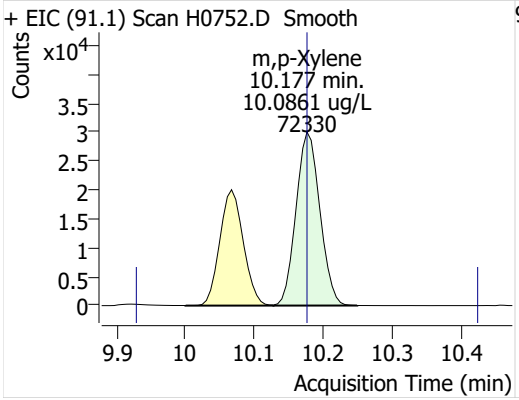
Ethylbenzene

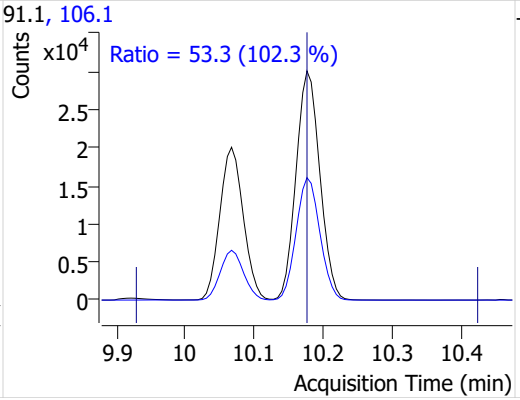


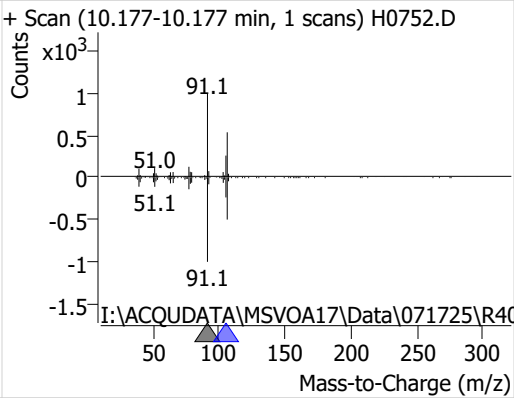




m,p-Xylene

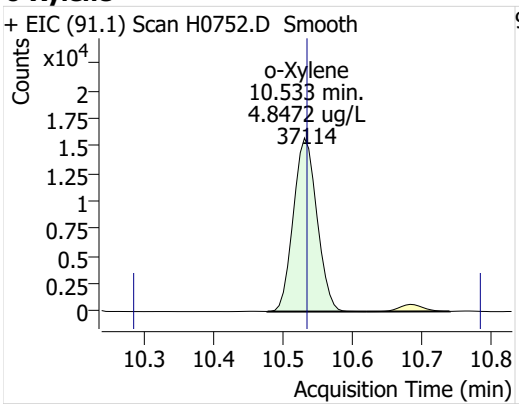


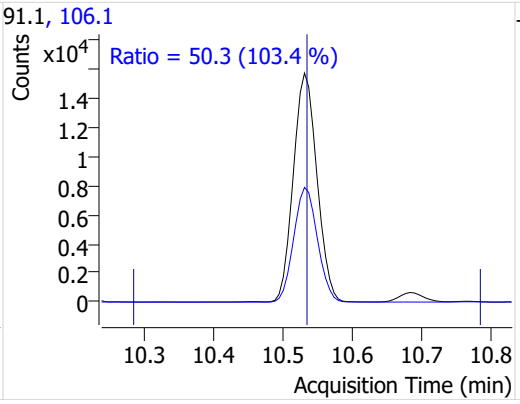


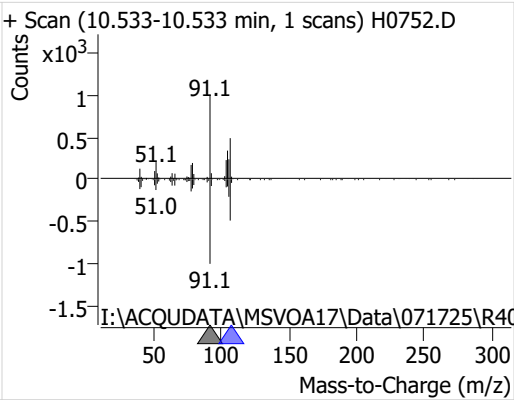


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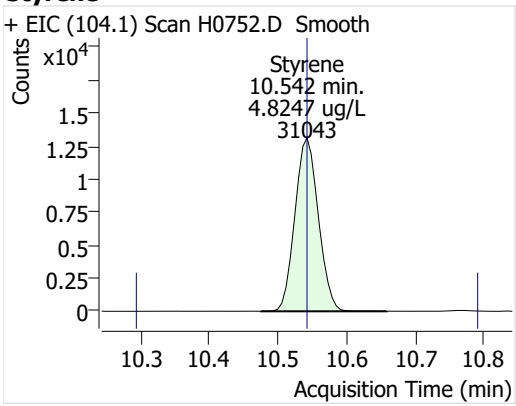
o-Xylene

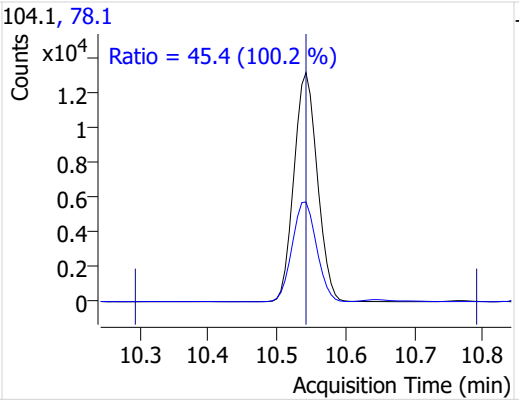


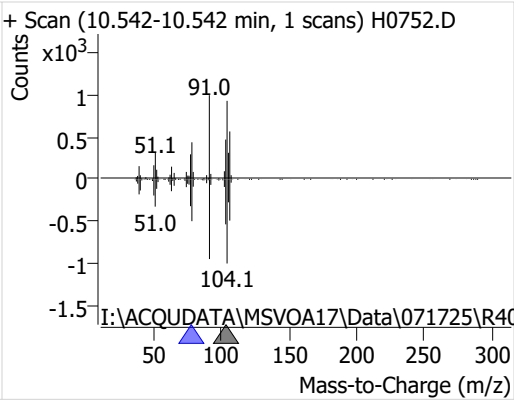




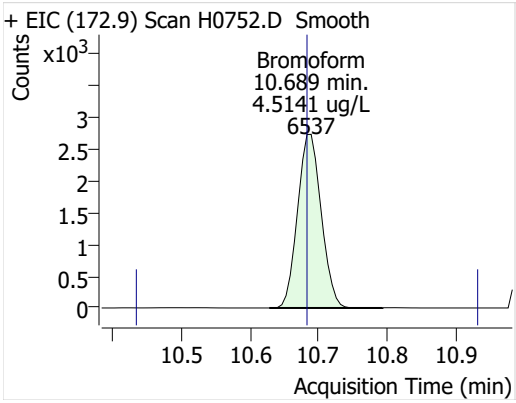
Styrene

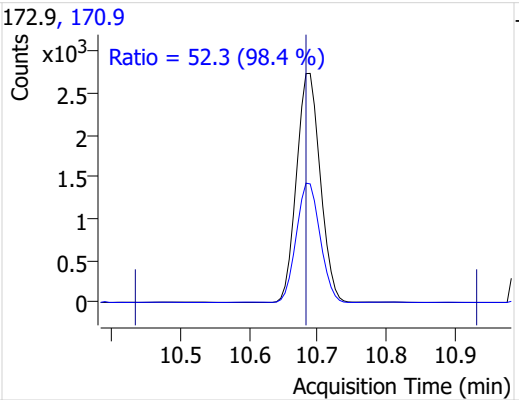


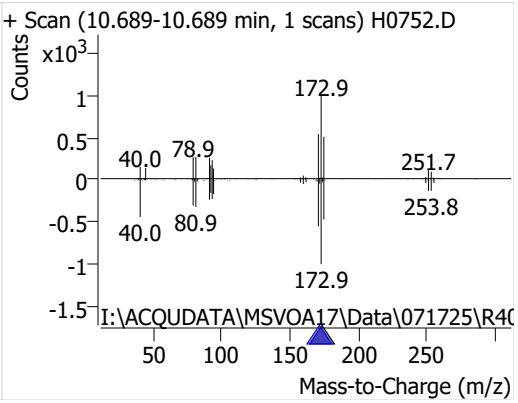




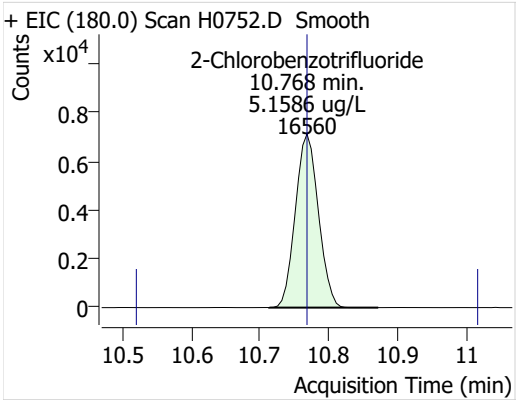
Bromoform

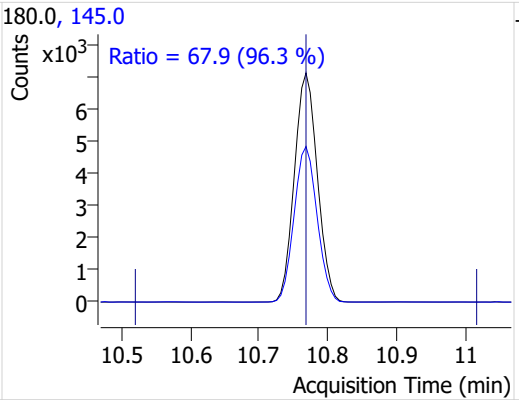


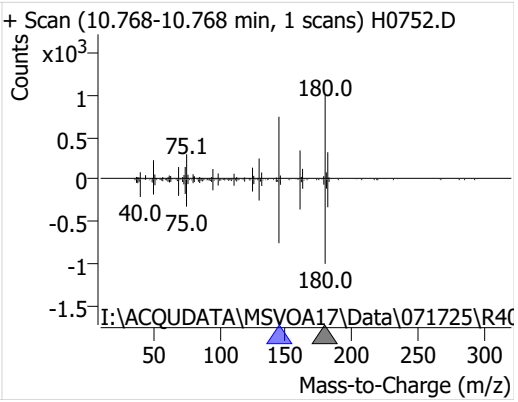




2-Chlorobenzotrifluoride

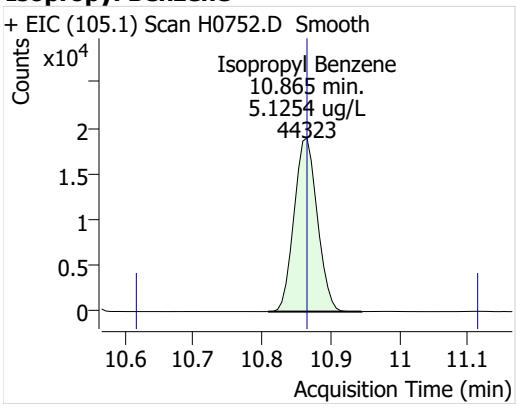


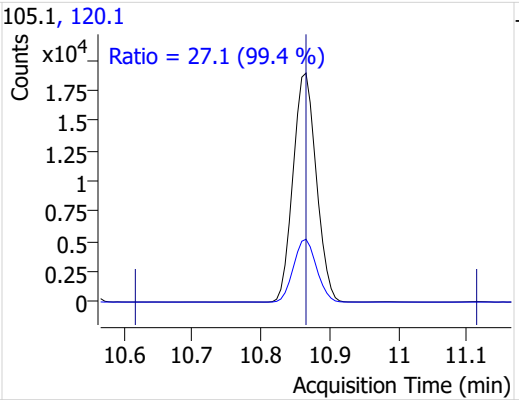


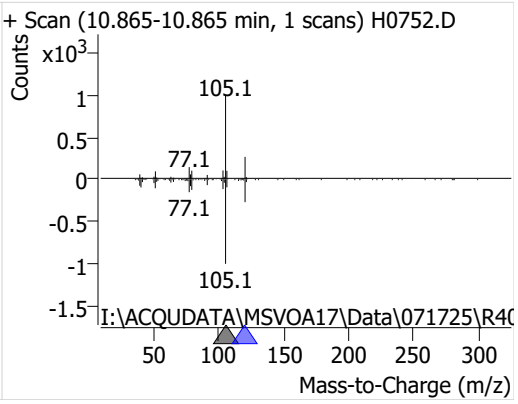


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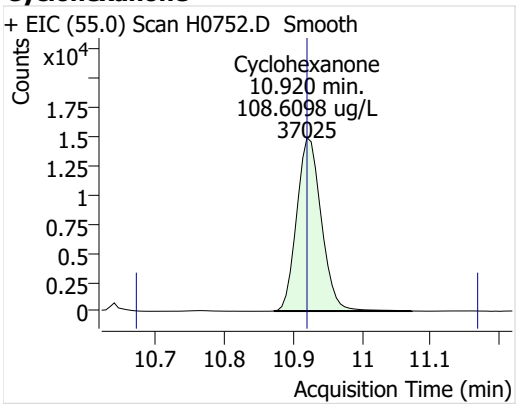
Isopropyl Benzene

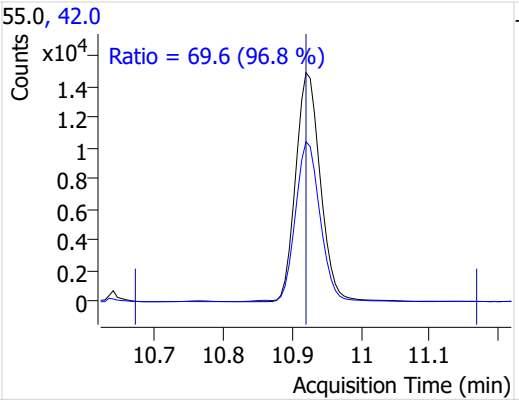


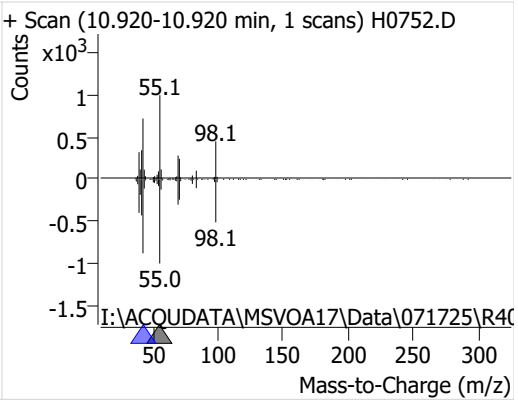




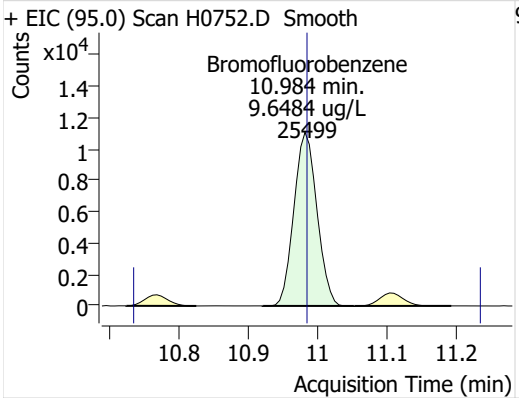
Cyclohexanone

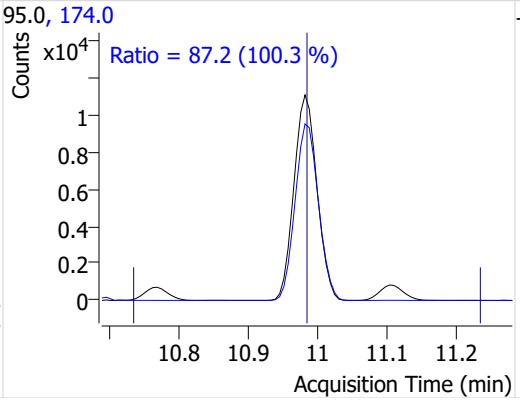


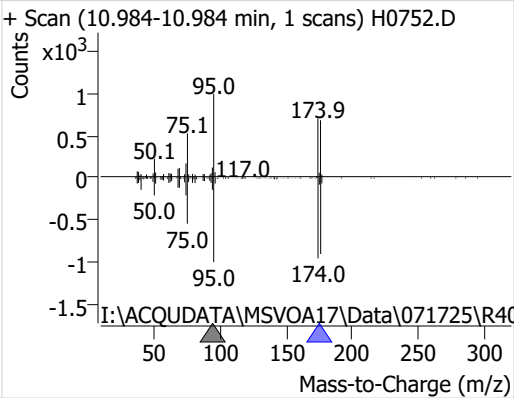




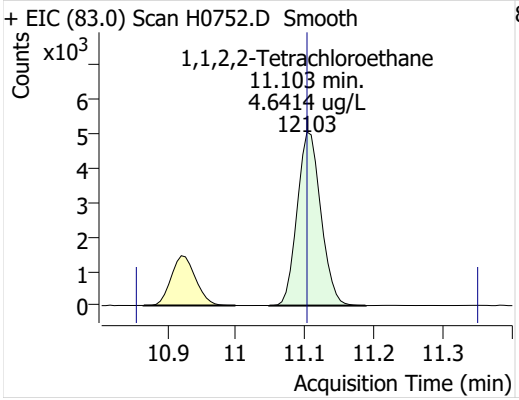
Bromofluorobenzene

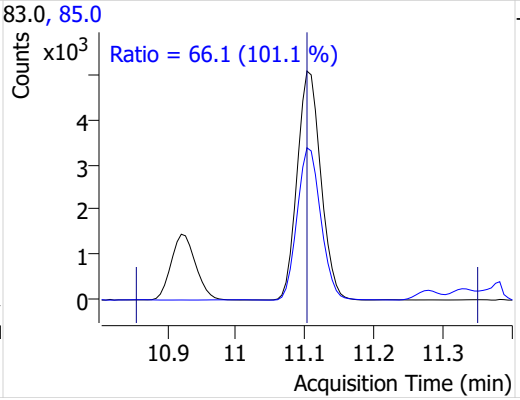


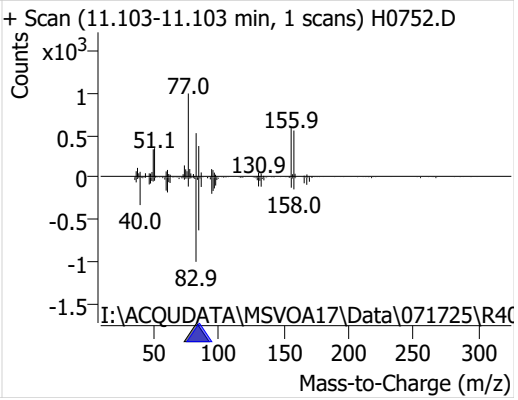




1,1,2,2-Tetrachloroethane

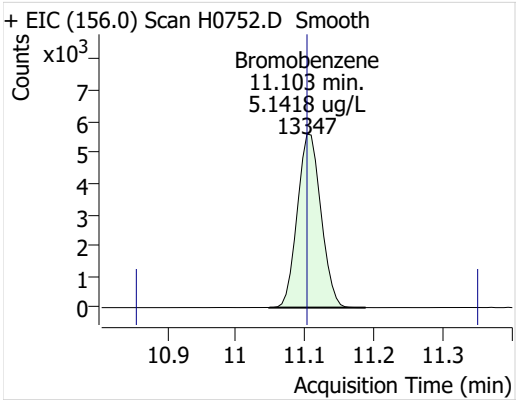


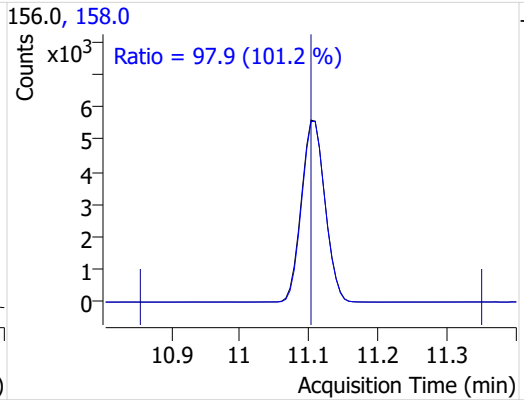


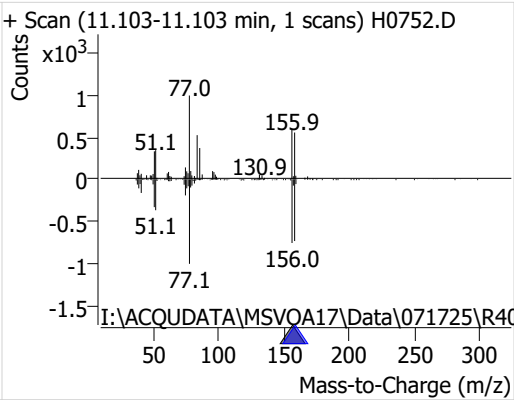


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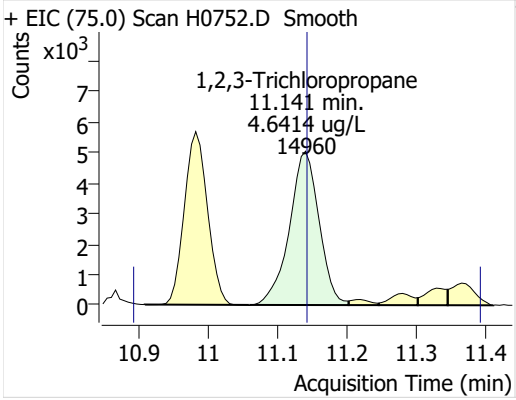
Bromobenzene

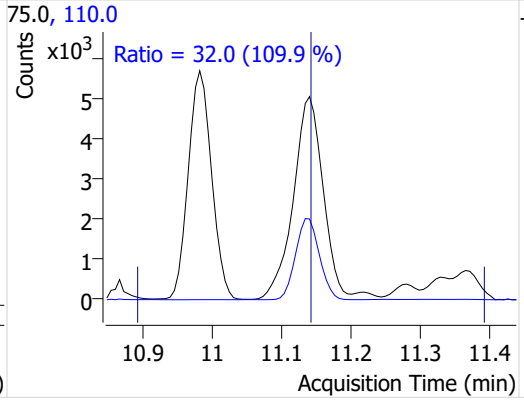


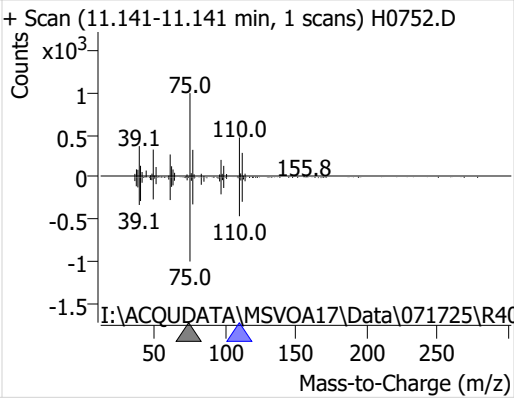




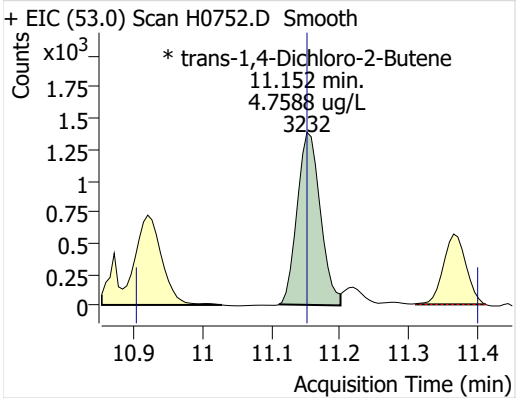
1,2,3-Trichloropropane

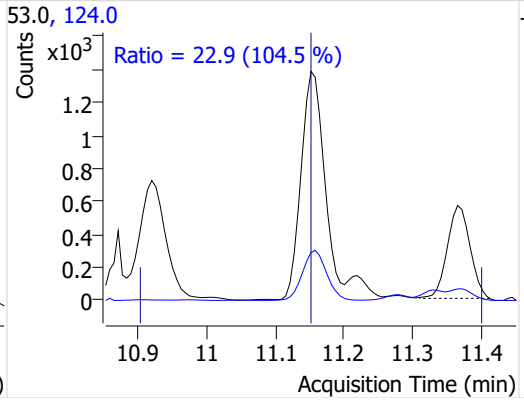


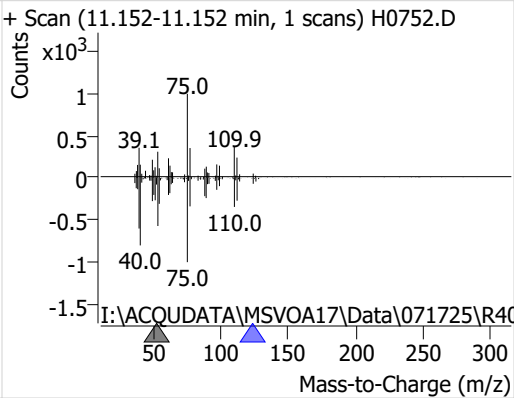




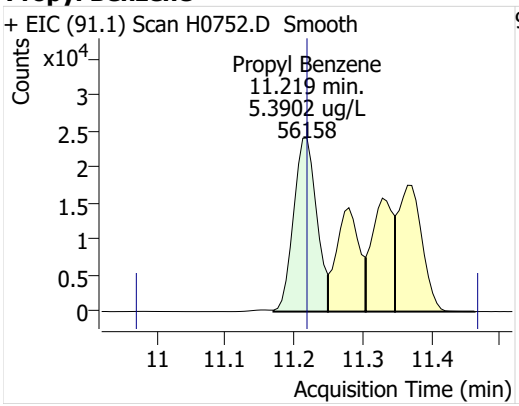
trans-1,4-Dichloro-2-Butene

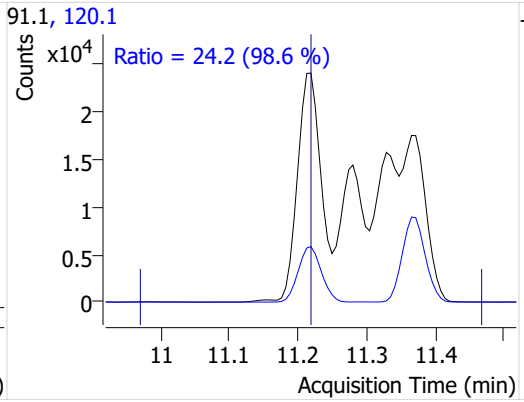


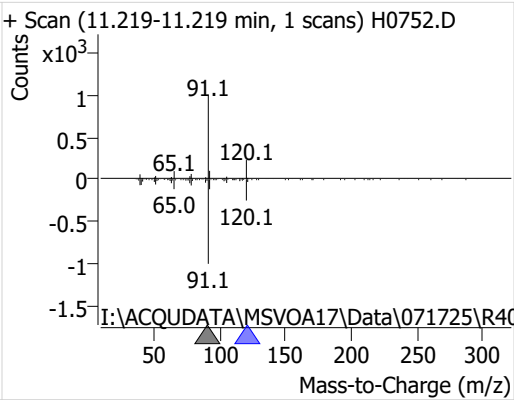




Propyl Benzene

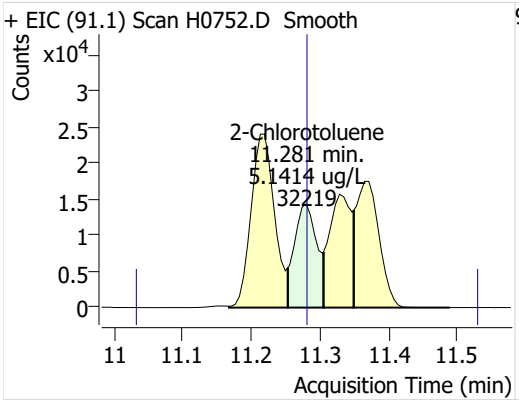


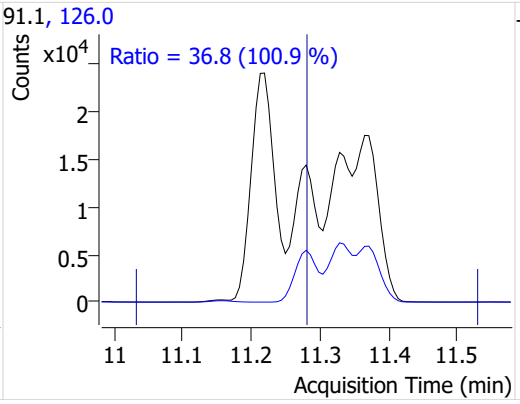


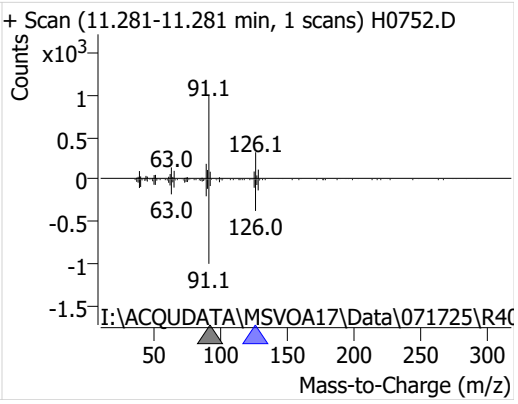


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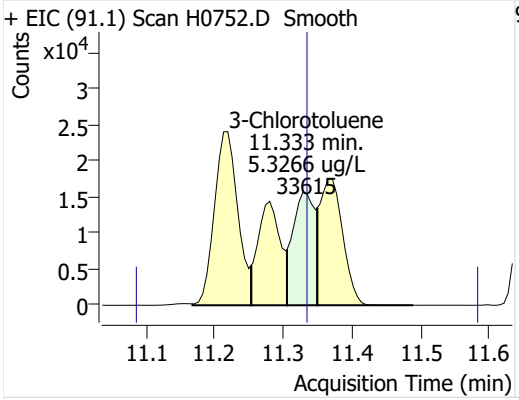
2-Chlorotoluene

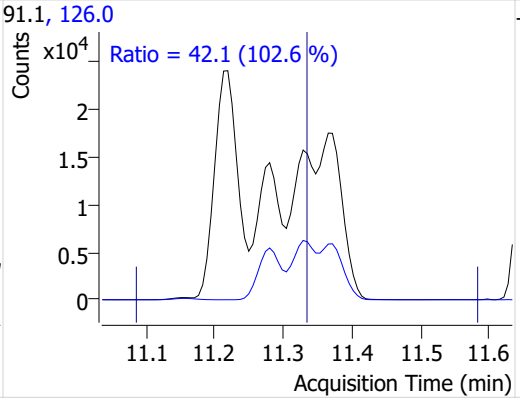


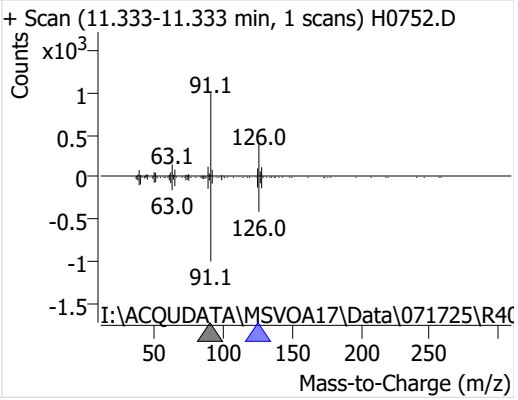




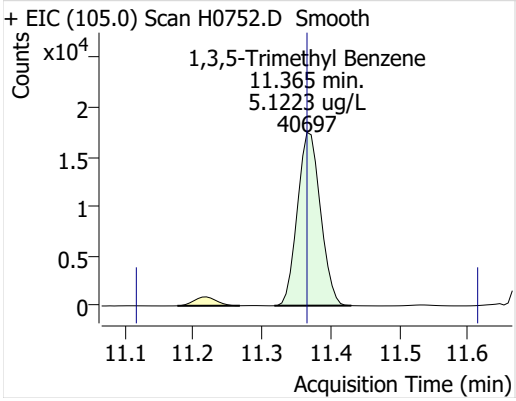
3-Chlorotoluene

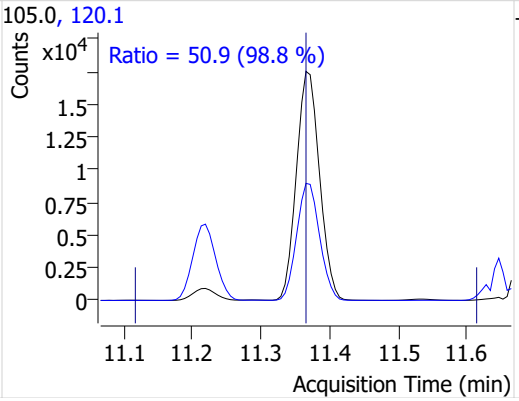


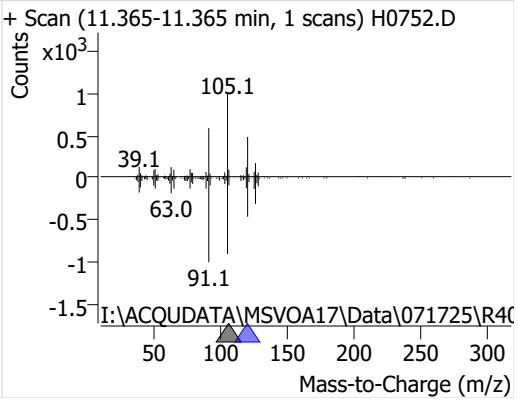




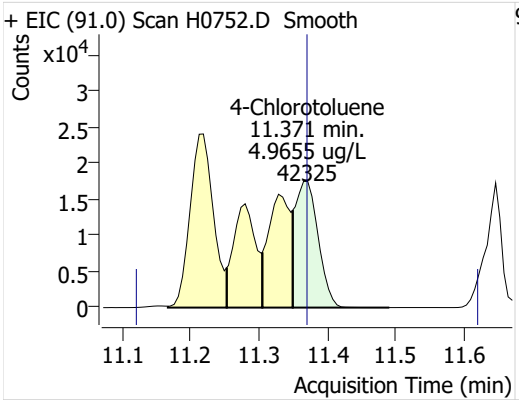
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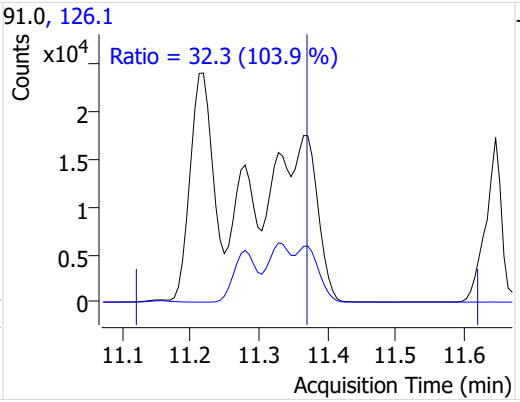


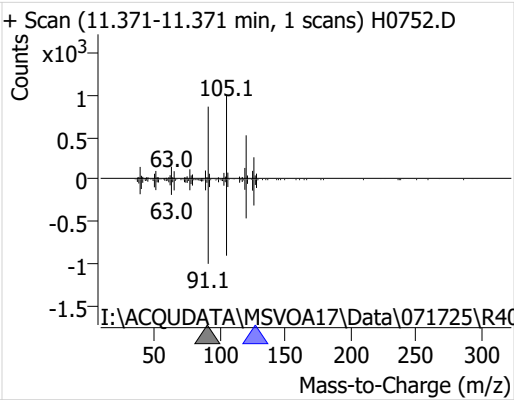




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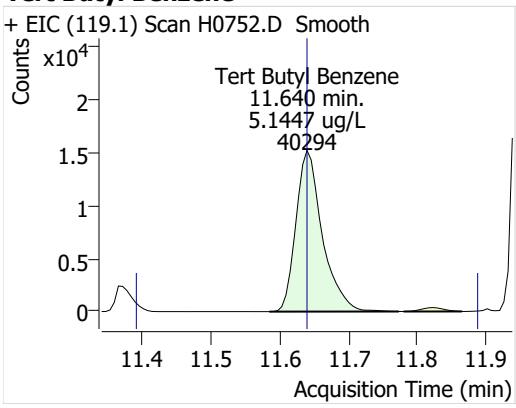


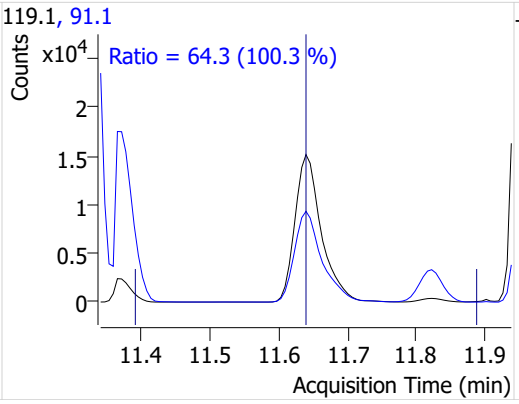


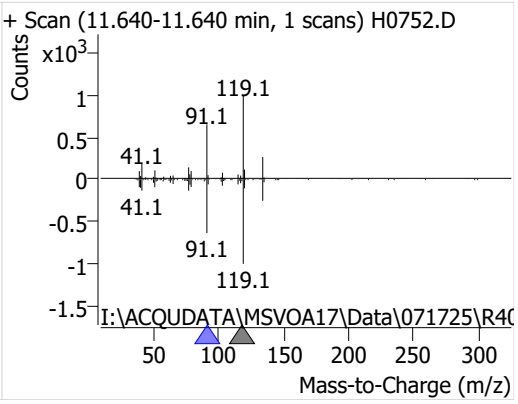


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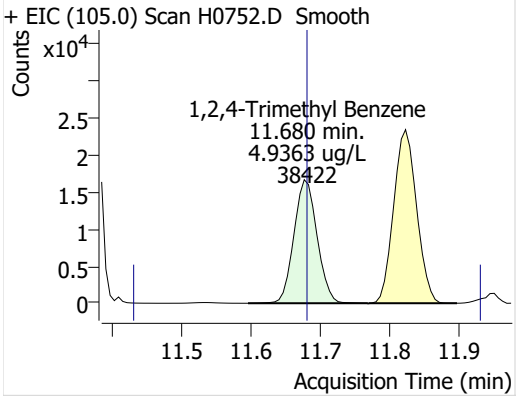
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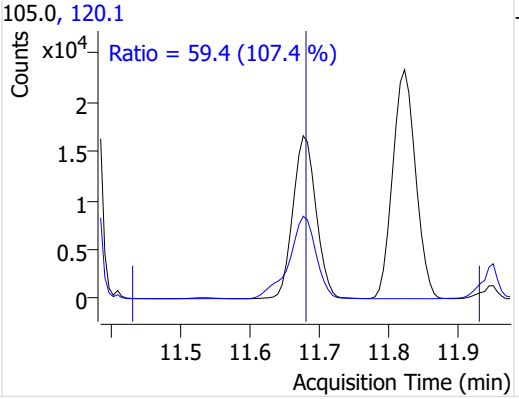


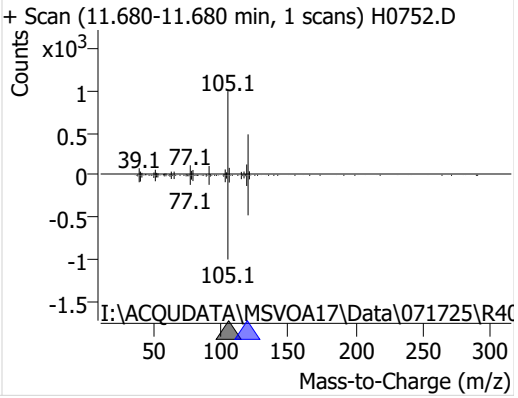




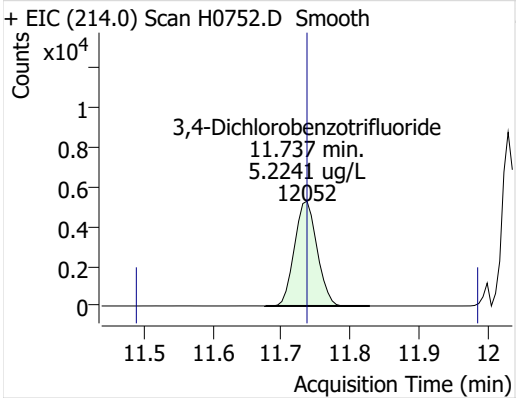
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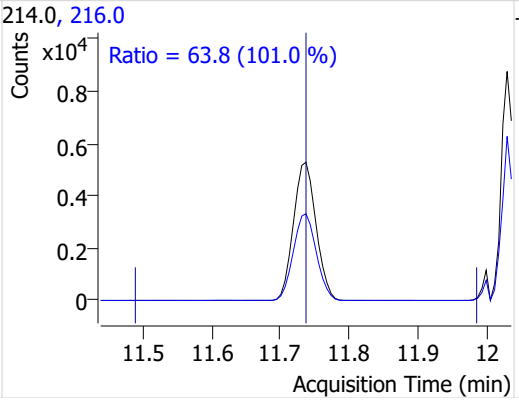


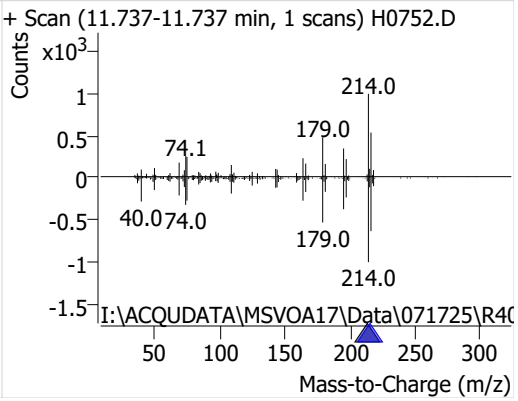




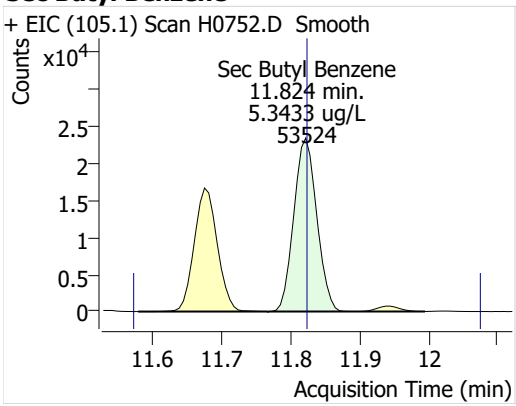
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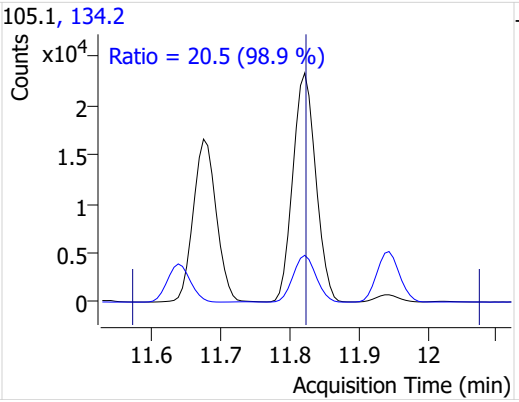


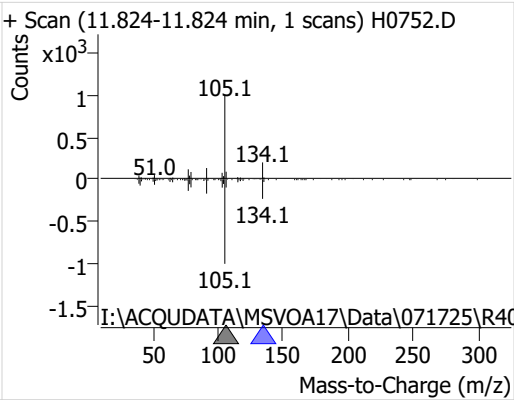




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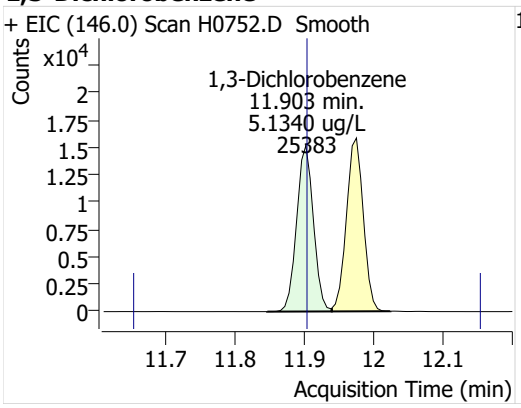


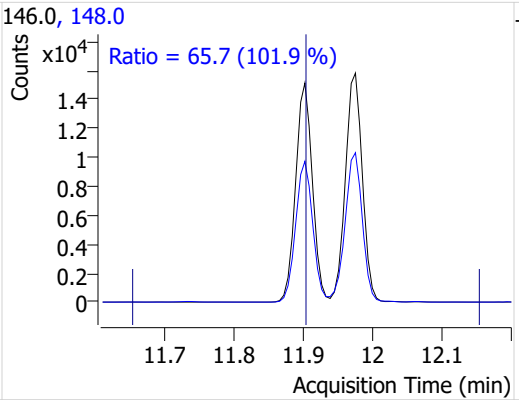


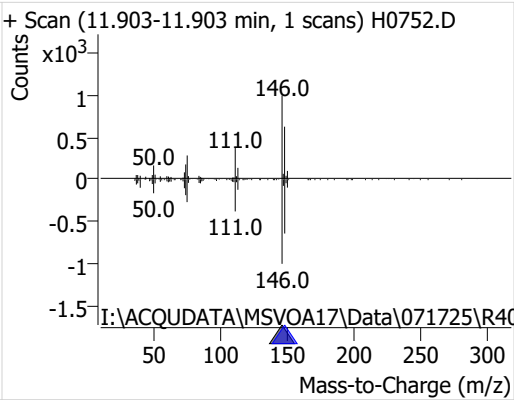


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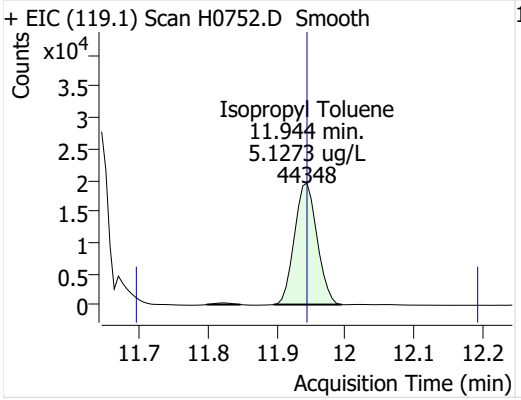
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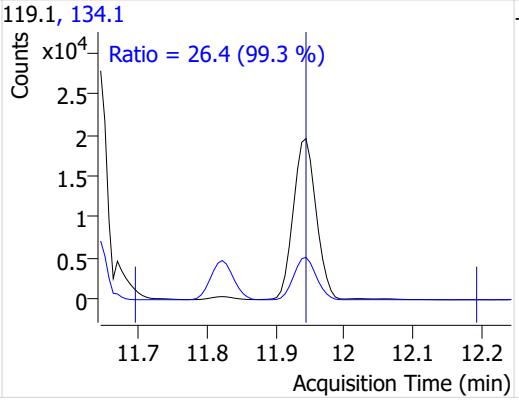


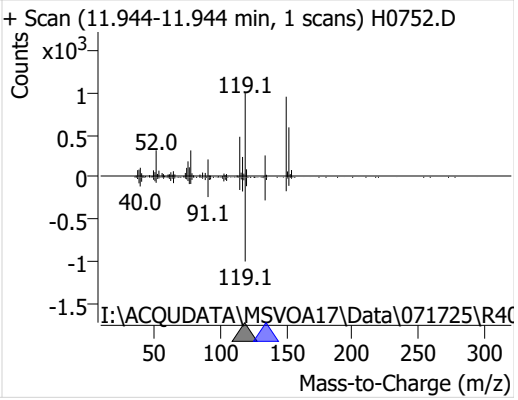




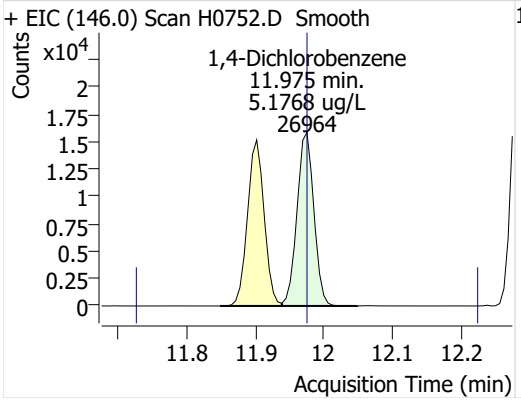
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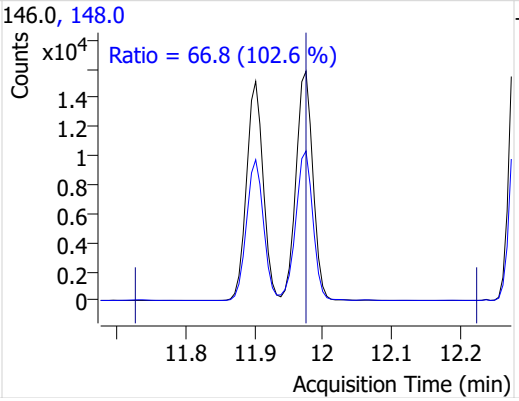


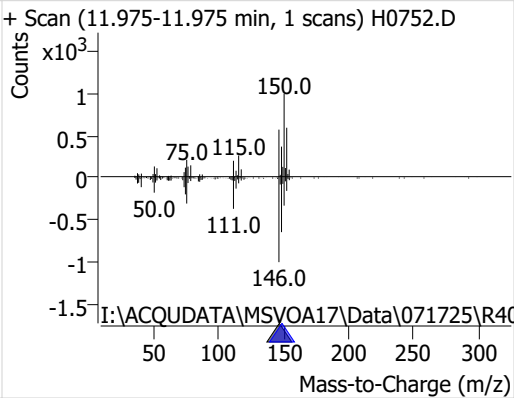




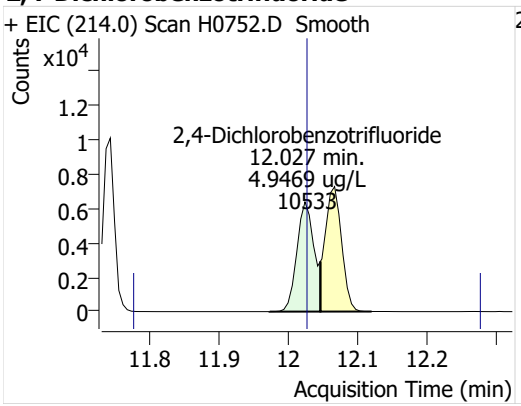
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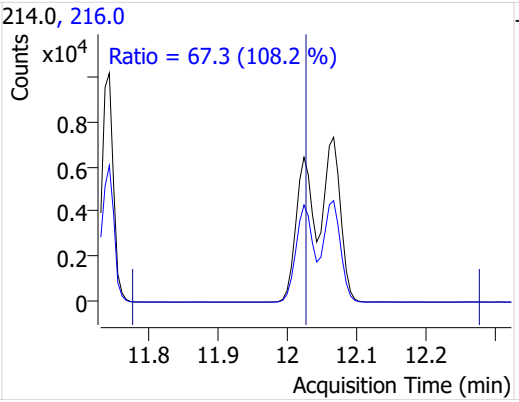


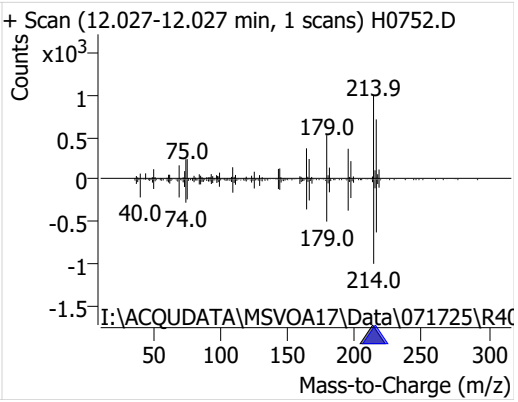




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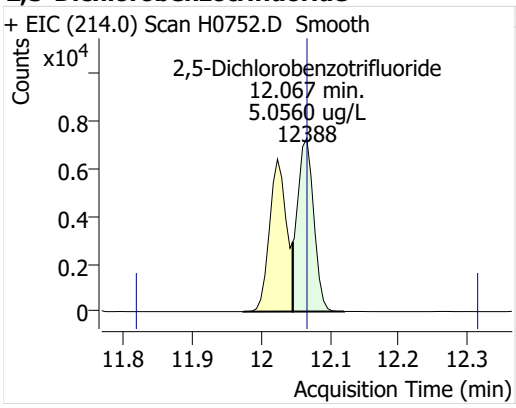


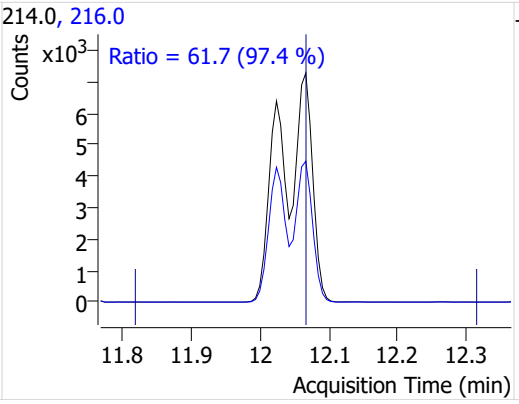


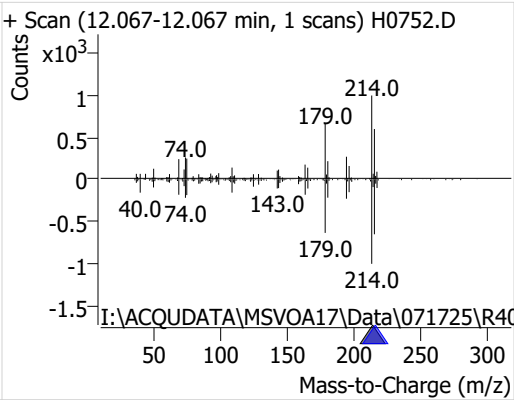


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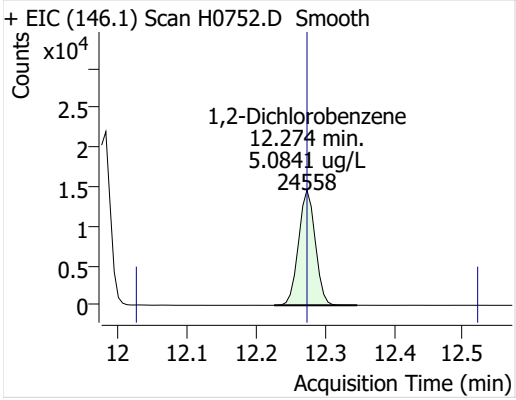
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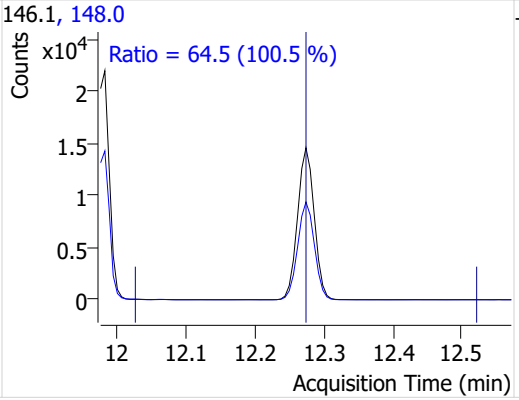


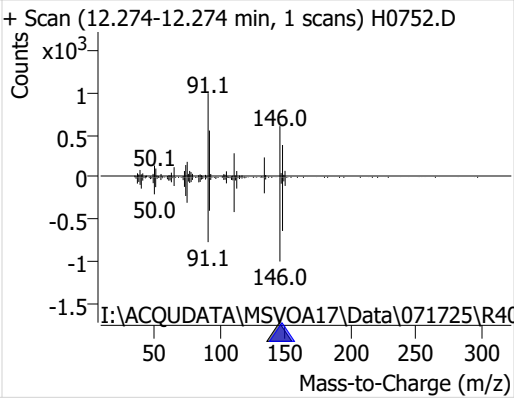




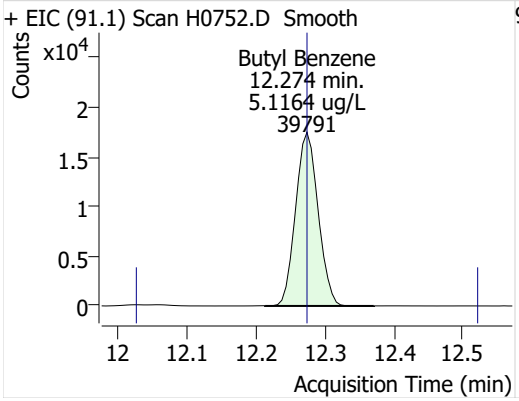
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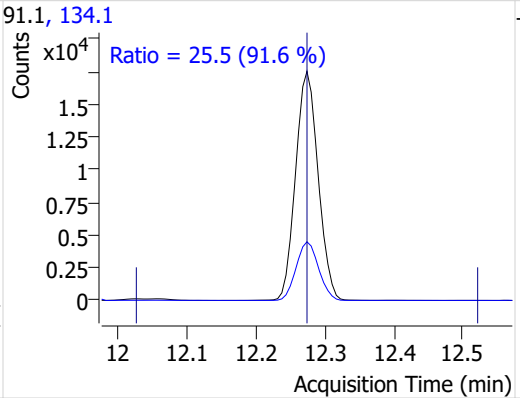


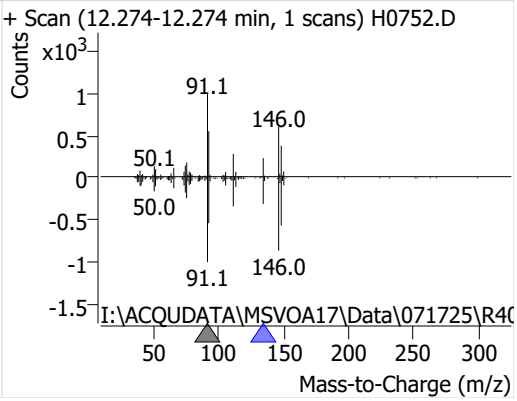




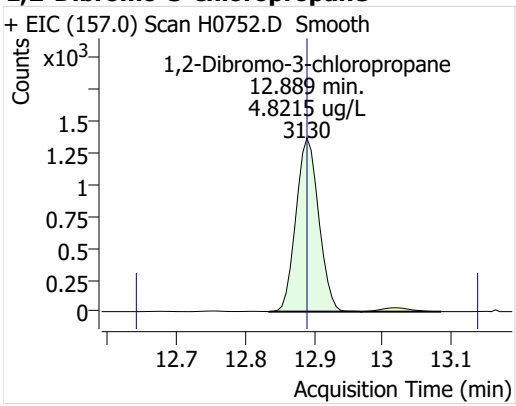
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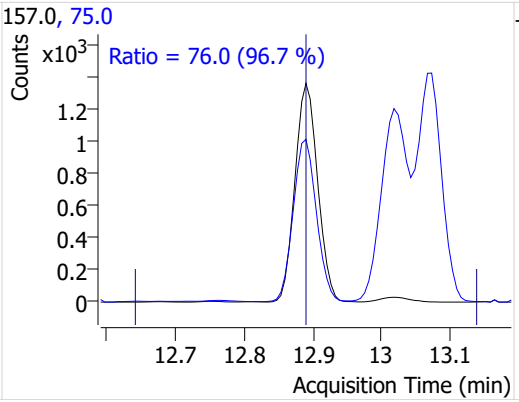


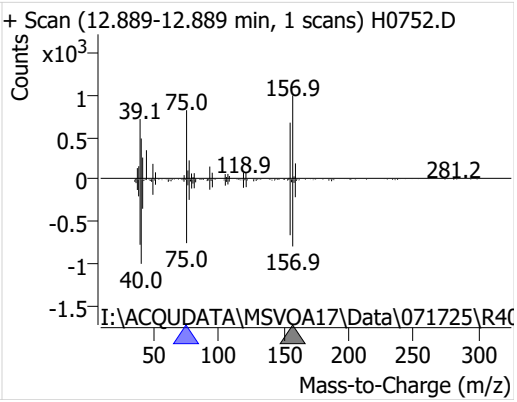




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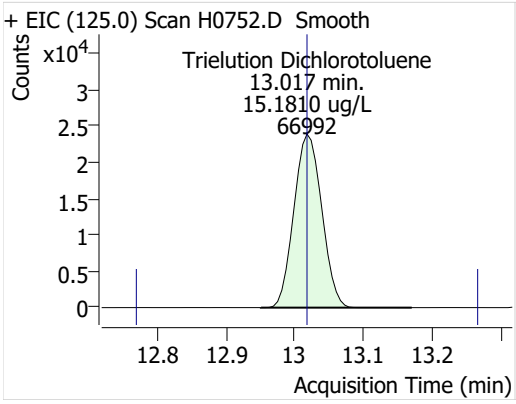


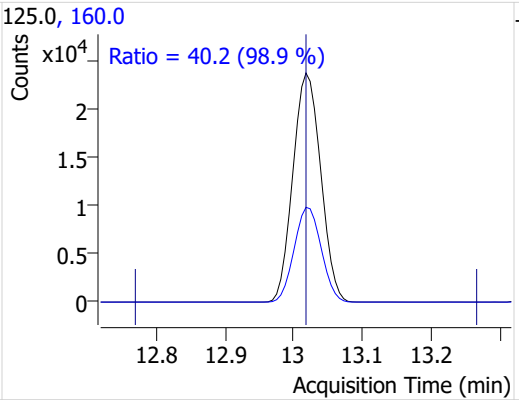


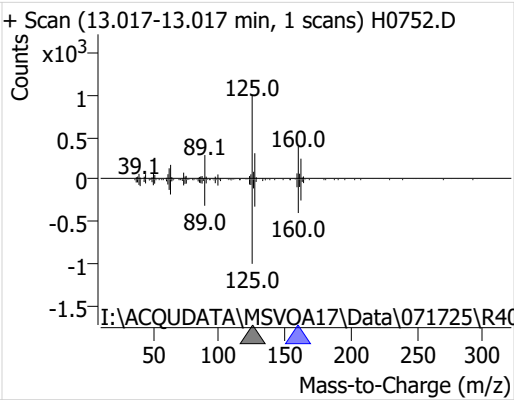


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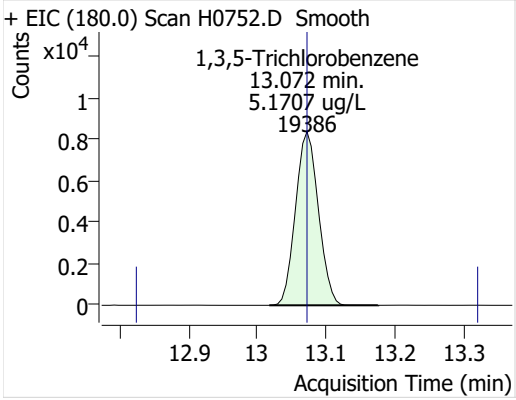
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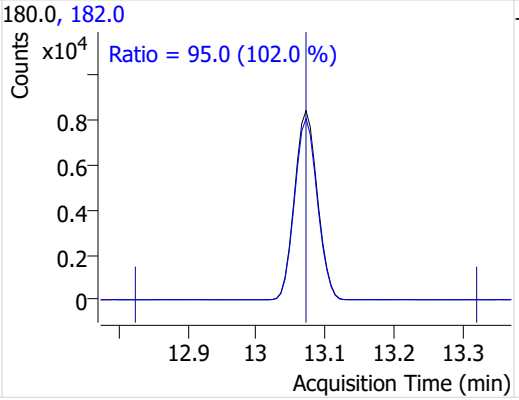


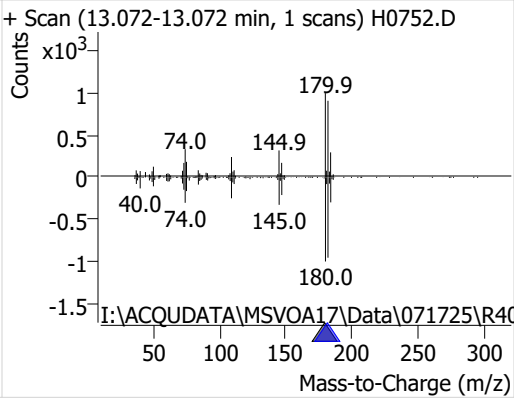




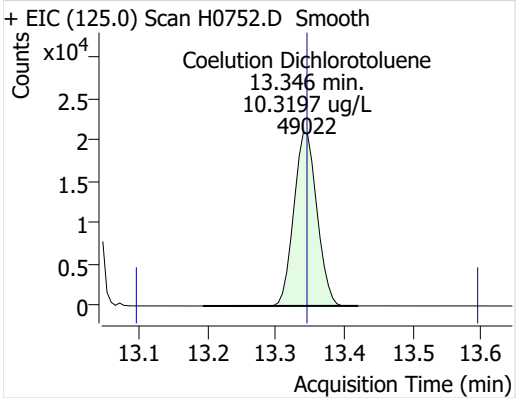
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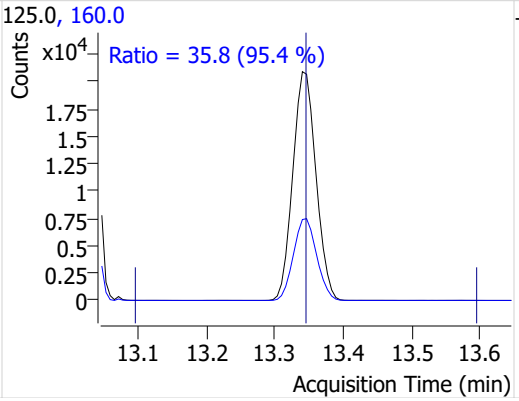


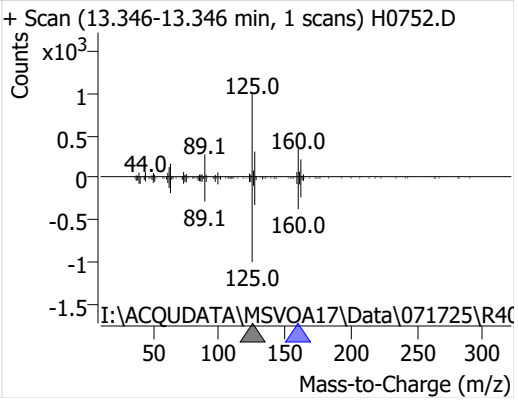




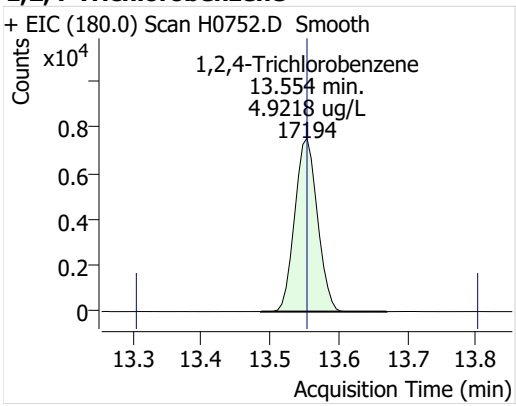
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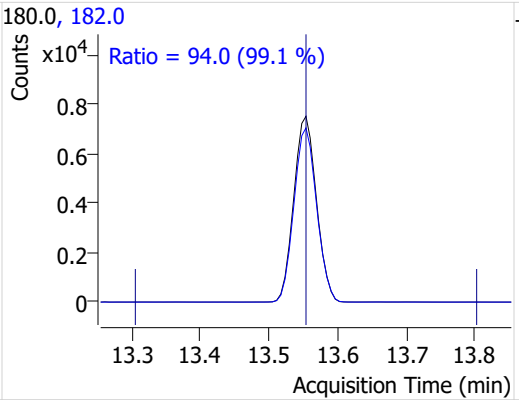


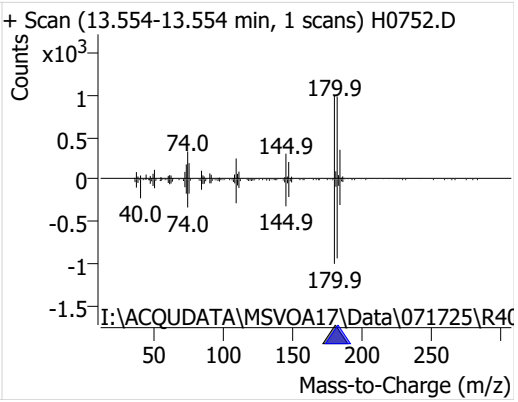




1,2,4-Trichlorobenzene

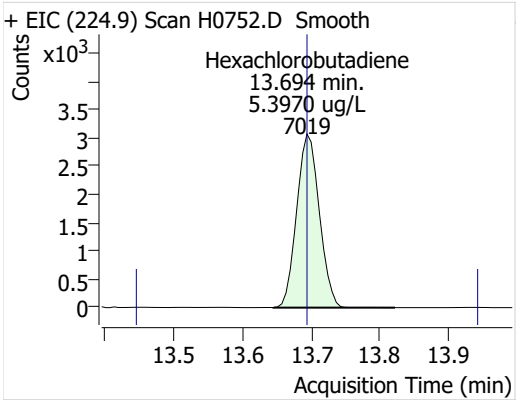


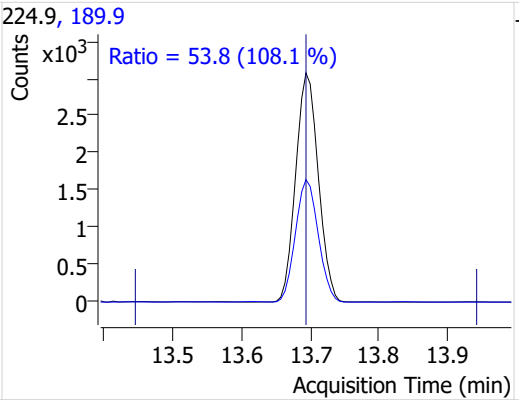


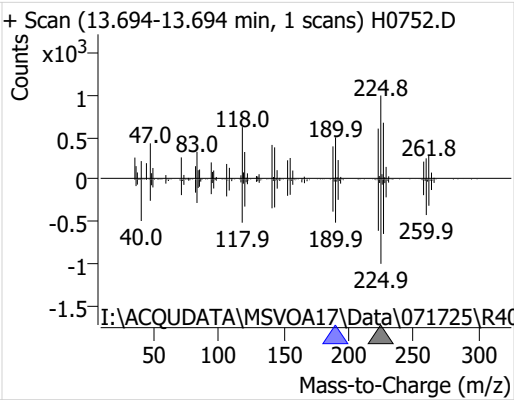


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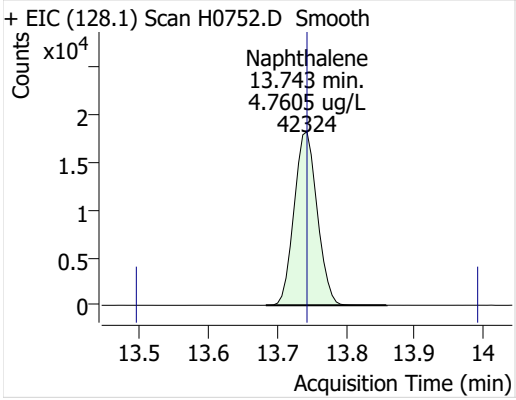
Hexachlorobutadiene

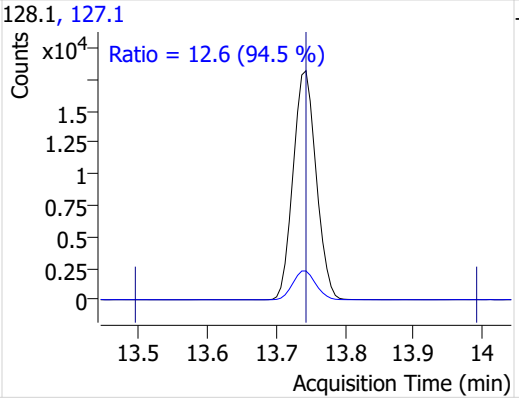


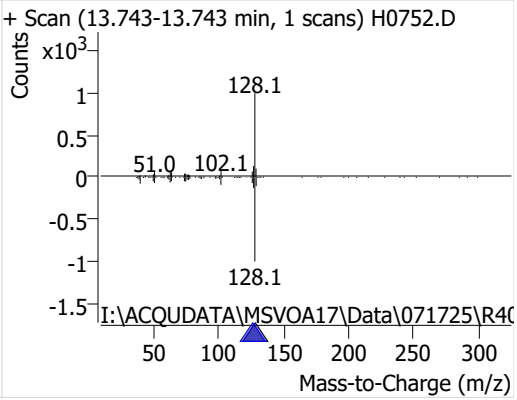




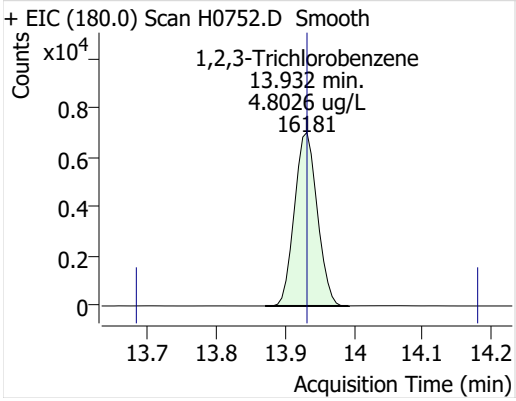
Naphthalene

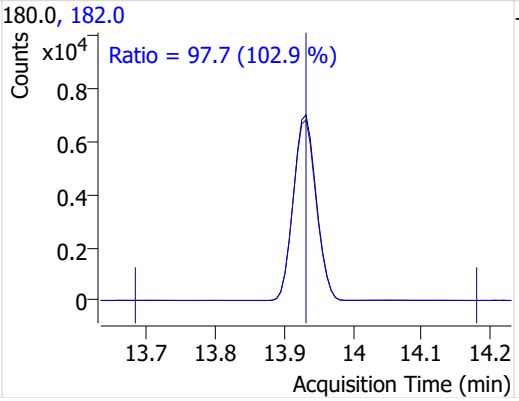


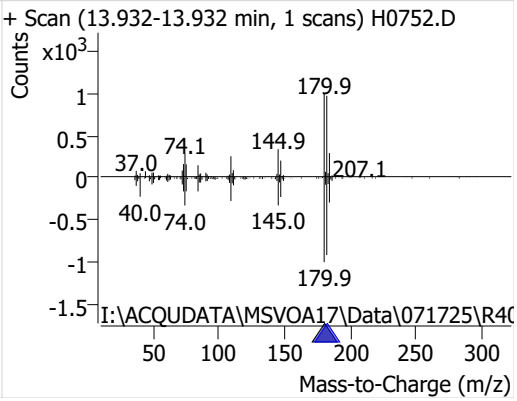




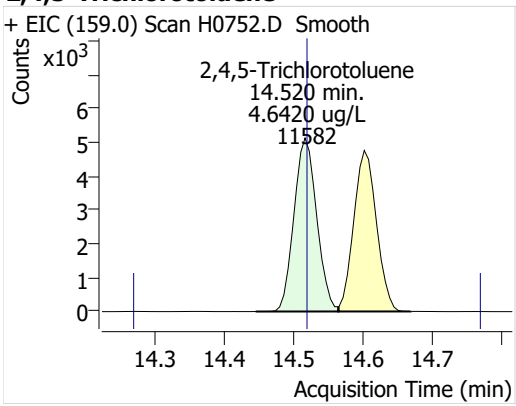
1,2,3-Trichlorobenzene

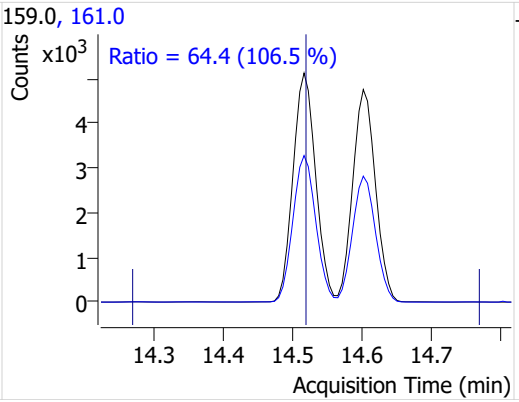


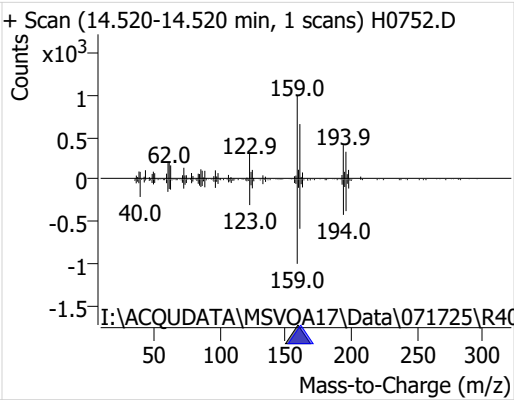




2,4,5-Trichlorotoluene

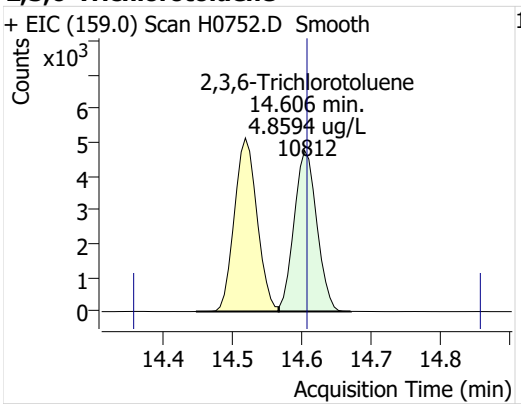


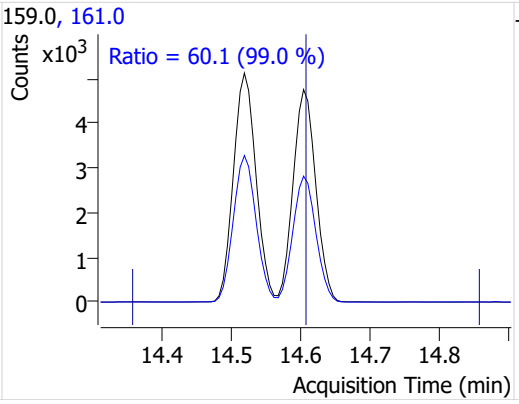


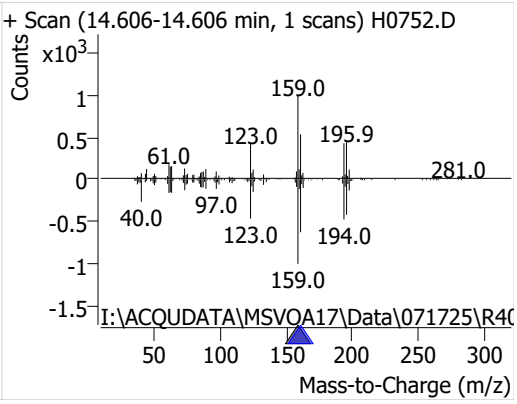


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





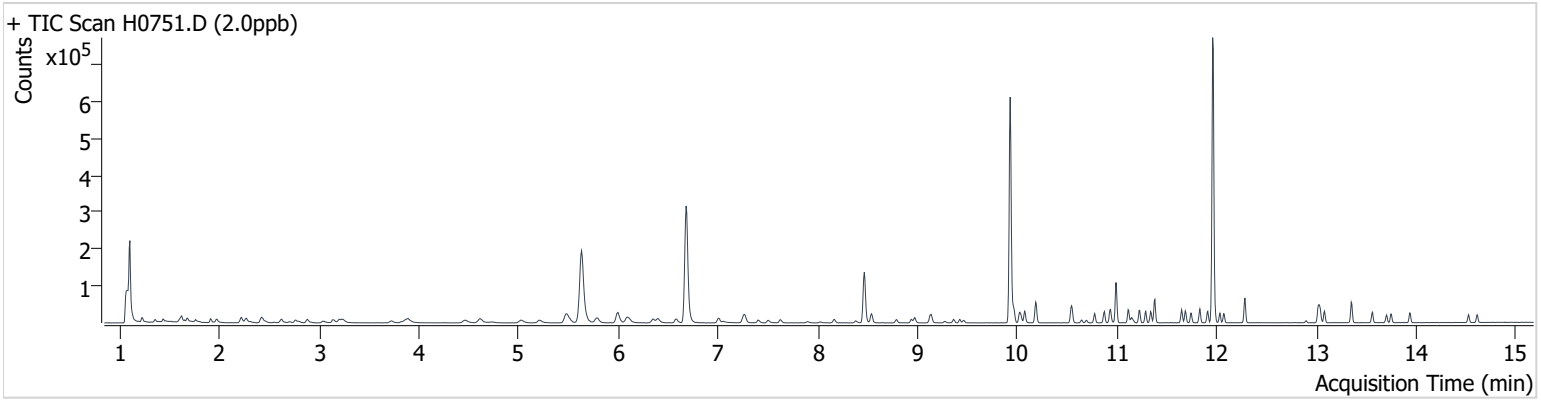


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0751.D

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Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	197877	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	325575	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	289274	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	162306	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	21715	10.3457	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	91429	11.2700	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	26637	10.1995	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	26680	11.0129	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	5075	2.0924	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	5202	2.1591	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	4473	2.0266	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	5294	2.0484	ug/L
Bromomethane	94.000	0.298	0.001	1.674	0.004	5596	2.5096	ug/L
Chloroethane	64.000	0.312	0.000	1.756	0.000	3973	2.0981	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.000	8432	2.1635	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	7808	2.2125	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.001	4846	2.3043	ug/L
Diethyl Ether	59.000	0.395	0.001	2.219	0.003	3633	2.0063	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.001	7508	2.3741	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.002	1365	10.7039	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	6970	2.1765	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	4670	2.1202	ug/L
Acetone	43.000	0.437	0.001	2.460	0.004	2147	2.4256	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.001	1616	2.6376	ug/L
2-Propanol	45.000	0.464	0.001	2.610	0.004	5069	39.0986	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.003	10905	2.0327	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	8882 LT	12.3307	ug/L
Methyl Acetate	43.000	0.496	0.001	2.791	0.003	3854	2.1953	ug/L

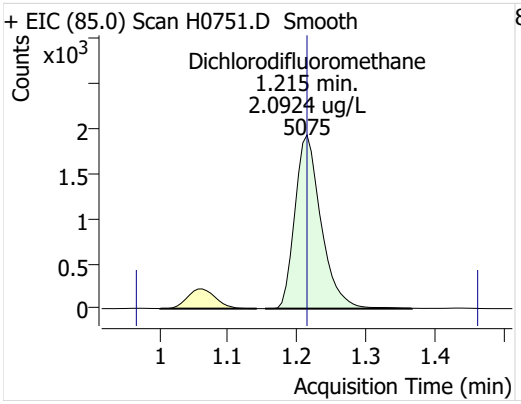
Masshunter Quantitative Analysis Sample Report

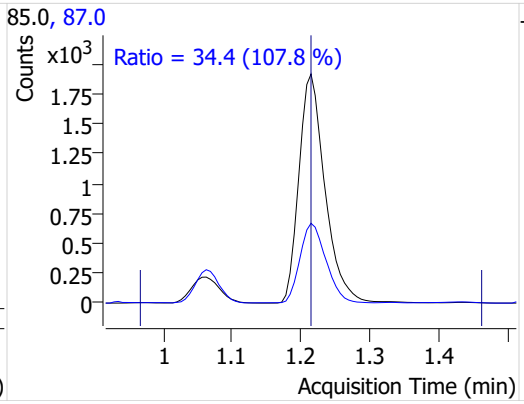
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	4545	2.1138	ug/L
TBA	59.000	0.540	0.002	3.038	0.012	7164	35.7988	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	8894	9.7707	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	5867	2.0700	ug/L
MTBE	73.000	0.575	0.002	3.233	0.009	10996	1.8568	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	7538	2.0759	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.823	0.004	5330	1.7395	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	3360	1.9705	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.006	11962	1.9287	ug/L
ETBE	59.000	0.793	0.001	4.458	0.007	11114	1.9149	ug/L
cis-1,2-Dichloroethene	96.000	0.820	0.000	4.608	0.000	4709	2.0791	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	5475	2.0180	ug/L
2-Butanone	43.000	0.836	0.005	4.700	0.026	2428	2.1805	ug/L
Propionitrile	54.000	0.842	0.002	4.732	0.015	3447	9.8528	ug/L
Bromochloromethane	129.900	0.893	0.001	5.019	0.003	3348	2.1041	ug/L
Methylacrylonitrile	67.000	0.894	0.001	5.029	0.010	1641	1.8010	ug/L
Tetrahydrofuran	42.000	0.927	0.007	5.213	0.039	1335	1.9768	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	8110	2.1714	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	6521	2.1278	ug/L
Cyclohexane	84.000	0.841	0.001	5.610	0.006	10996	1.9613	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.001	5459	1.9611	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	5468	2.1112	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	15982	2.0511	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	5854	1.9426	ug/L
Iso-Butyl Alcohol	43.000	0.918	0.004	6.123	0.022	2138	40.1260	ug/L
TAME	73.000	1.128	0.002	6.342	0.012	10001	1.8567	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.000	4809	2.1551	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	4902	2.0466	ug/L
1-Butanol	56.000	1.057	0.004	7.049	0.024	3908	72.8716	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	5712	2.0219	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	4219	1.9691	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	3278	2.1437	ug/L
1,4-Dioxane	88.000	1.125	0.004	7.506	0.024	1184	37.5329	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	2463	1.6761	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	5540	1.9498	ug/L
2-Nitropropane	43.000	1.183	0.000	7.892	0.002	2274	4.0074	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	1156	1.8086	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	5275	1.8665	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.001	8.377	0.007	3598	1.7374	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	17185	2.0153	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	4463	1.7974	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.933	0.003	4276	1.6506	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	4015	2.0429	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	4544	2.0806	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	6726	2.0110	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	1362	1.6663	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	4358	1.8703	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.418	0.004	5332	1.7077	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.003	3864	1.9904	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	12322	2.0335	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	6572	2.0825	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.001	5809	1.9408	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	4071	1.9296	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	18375	1.9610	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	27493	3.8950	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	14643	1.9429	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	11728	1.8518	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	2419	1.6969	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	6579	2.0822	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	16335	1.9191	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	12567	36.5669	ug/L

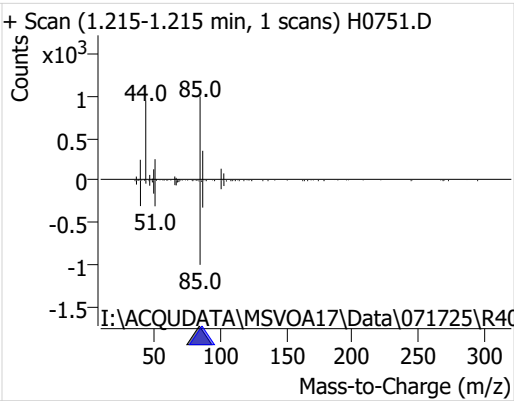
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	4863	1.8872	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	5035	1.9628	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	6184	1.9416	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	1098 BA	1.6431	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	20383 BA	1.9798	ug/L
2-Chlorotoluene	91.100	0.943	0.000	11.281	0.000	11699	1.8892	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	12669	2.0315	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	15224	1.9390	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	16548	1.9646	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	15306	1.9776	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	13894	1.8063	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	4878	2.1396	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	19602	1.9802	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	9874	2.0211	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	16757	1.9605	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	9995	1.9418	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	4229	2.0100	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	4978	2.0560	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	9971	2.0889	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	14645	1.9055	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	1306	2.0361	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	25400	5.8246	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	7504	2.0253	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	18274	3.8928	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	6895	1.9973	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	2501	1.9458	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	15618	1.7777	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	6514	1.9566	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	4465	1.8108	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	4036	1.8358	ug/L

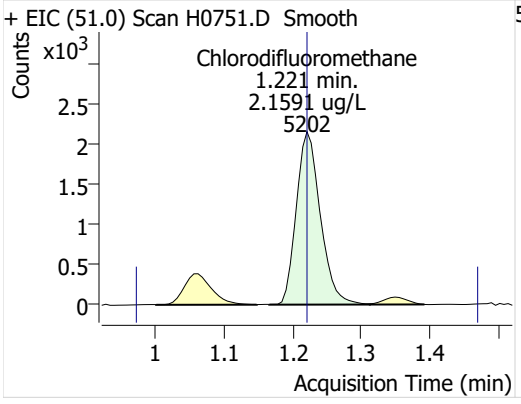
Dichlorodifluoromethane

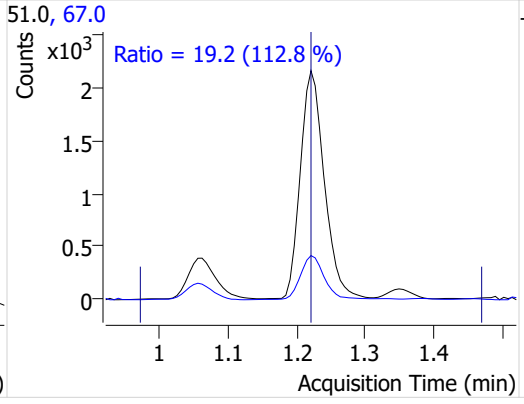


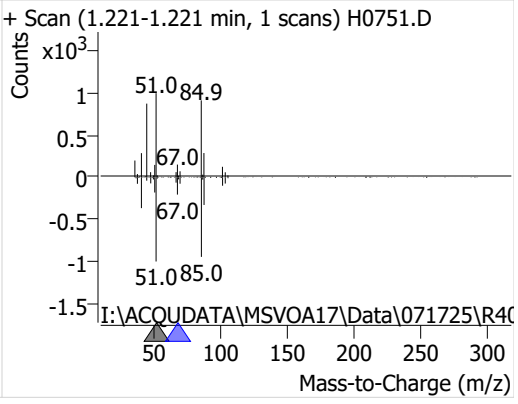




Chlorodifluoromethane

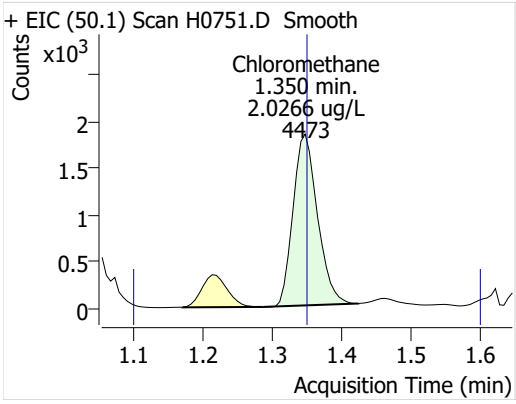


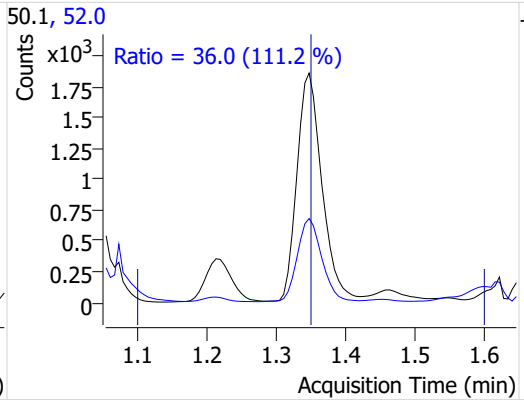


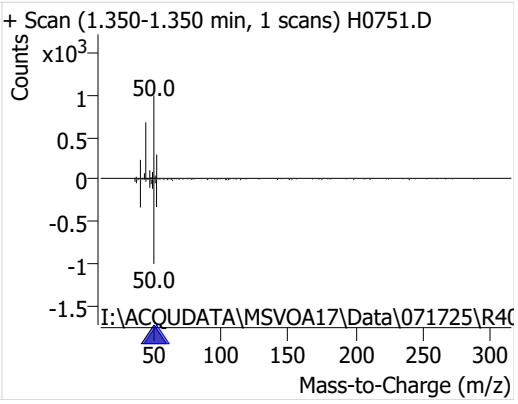


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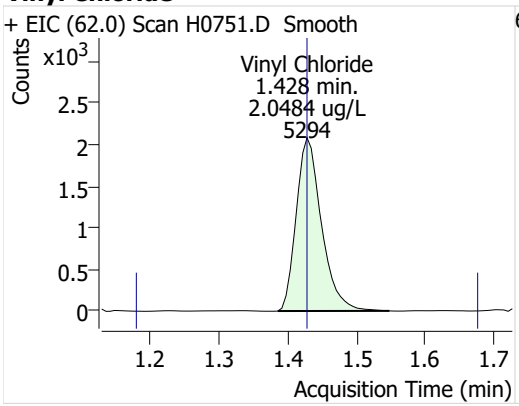
Chloromethane

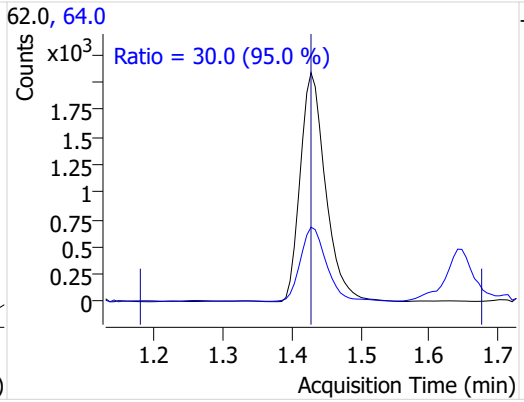


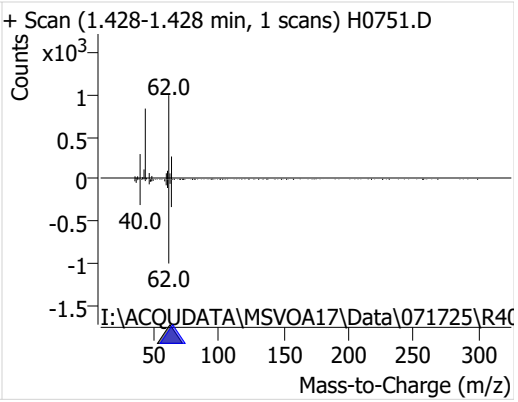




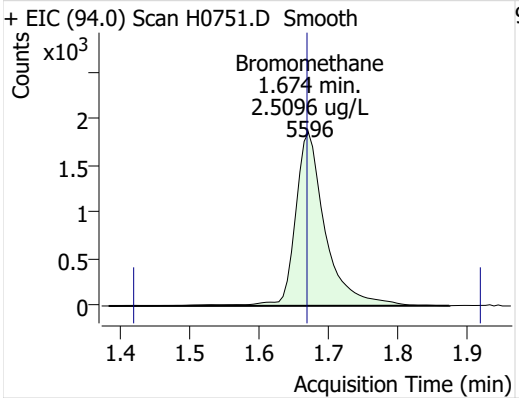
Vinyl Chloride

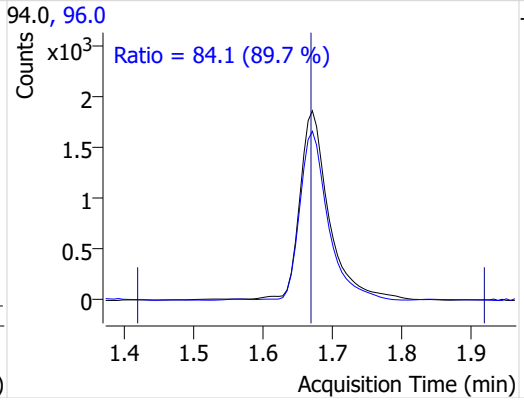


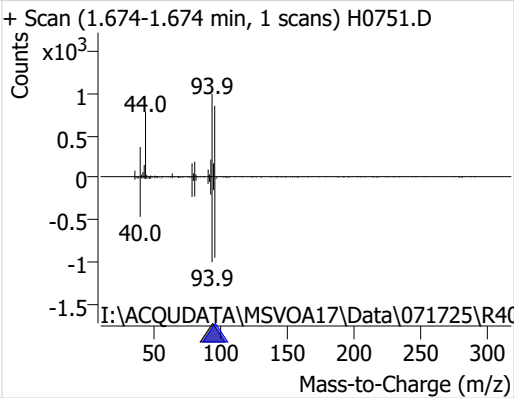




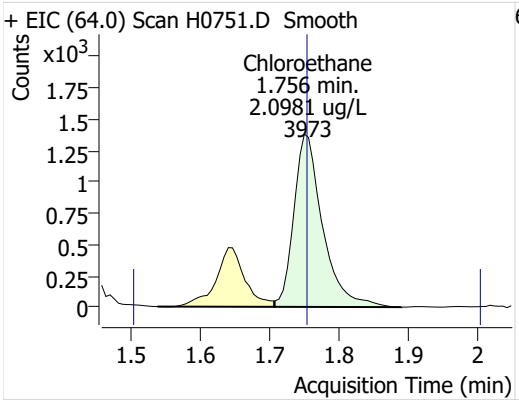
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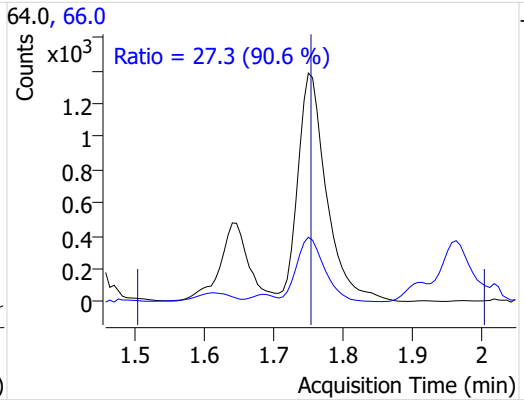


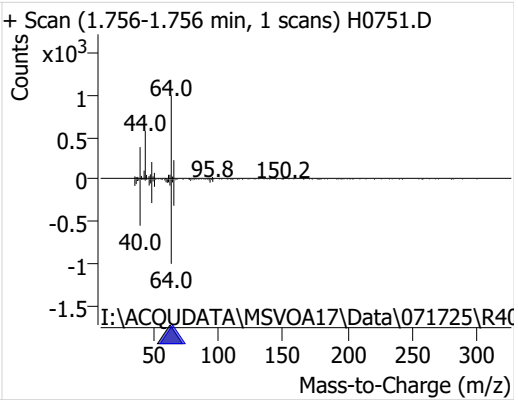




Chloroethane

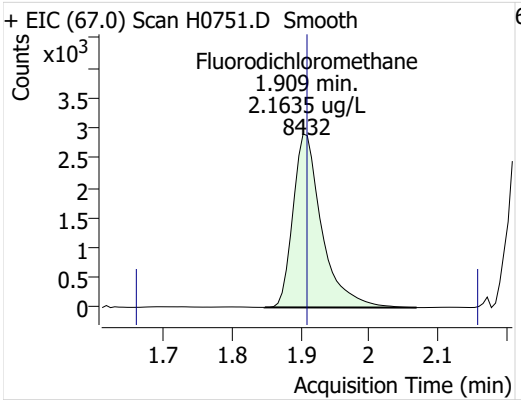


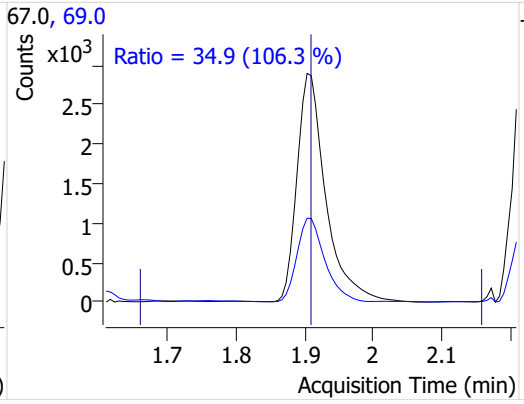


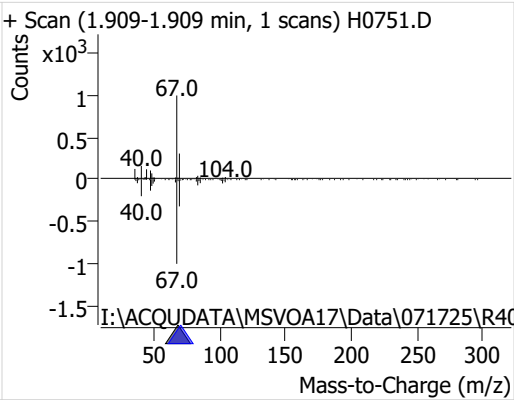


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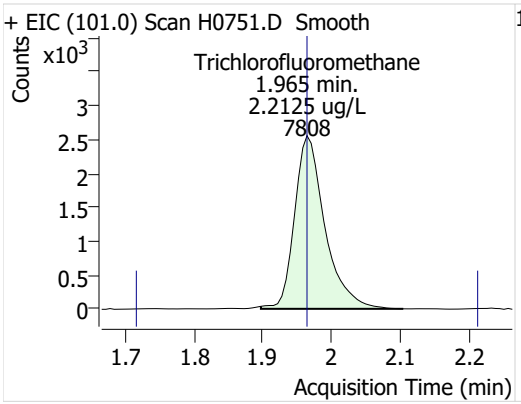
Fluorodichloromethane

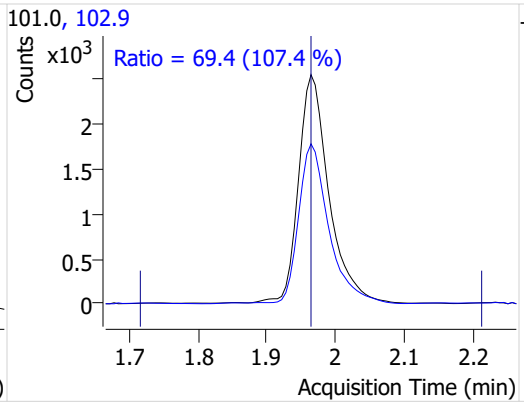


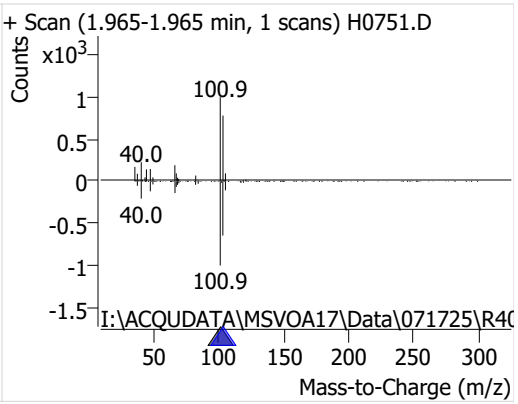




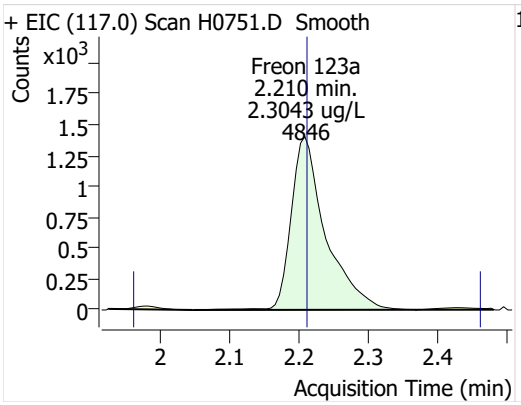
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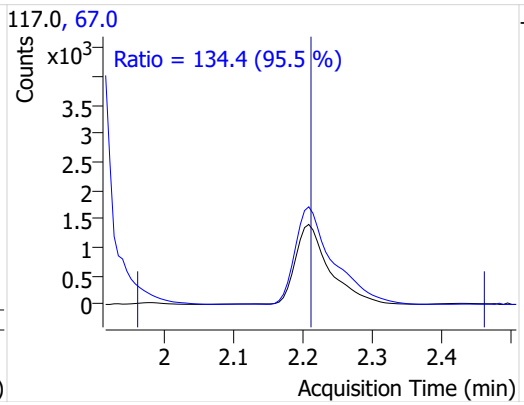


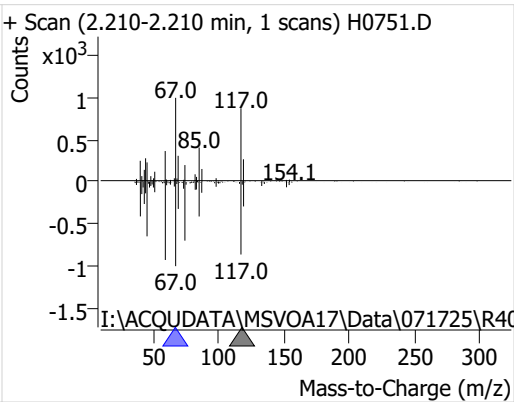




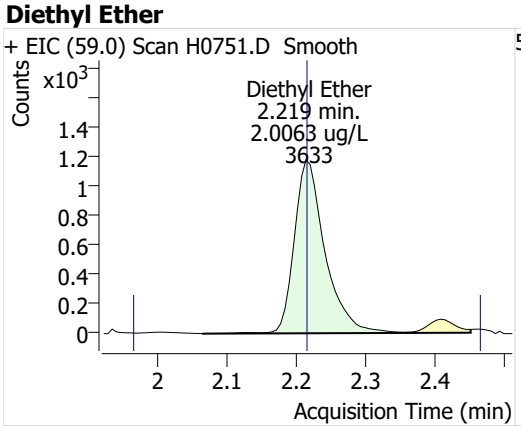
Freon 123a

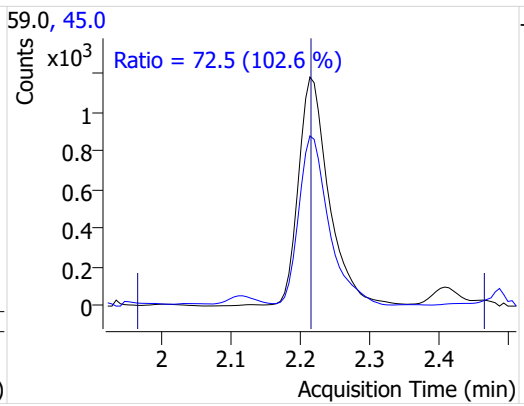


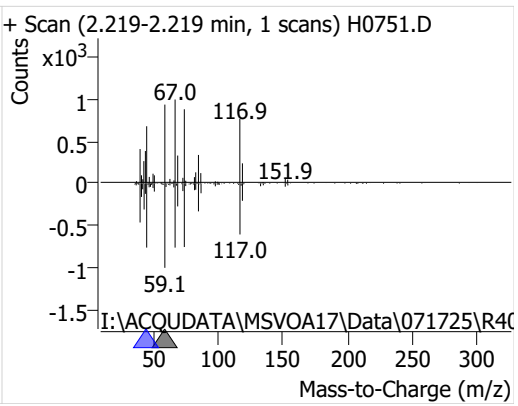




Diethyl Ether

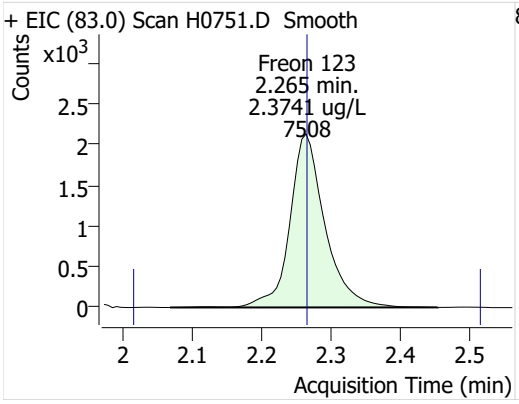


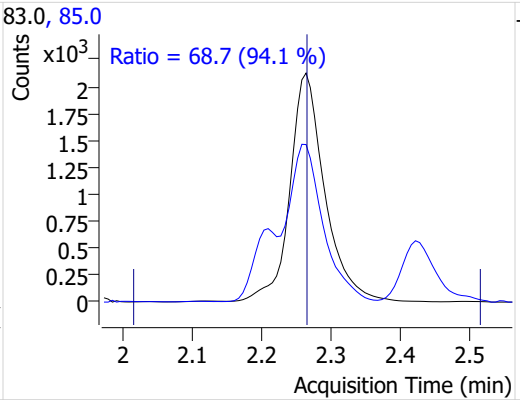


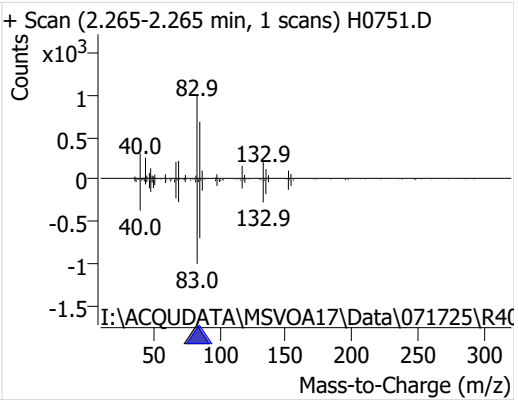


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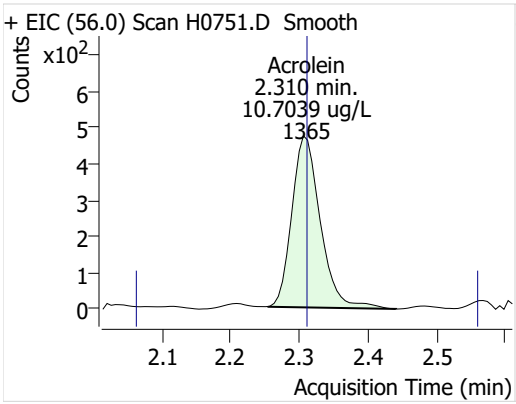
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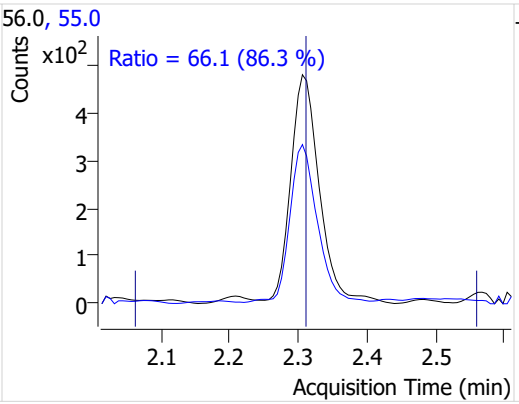


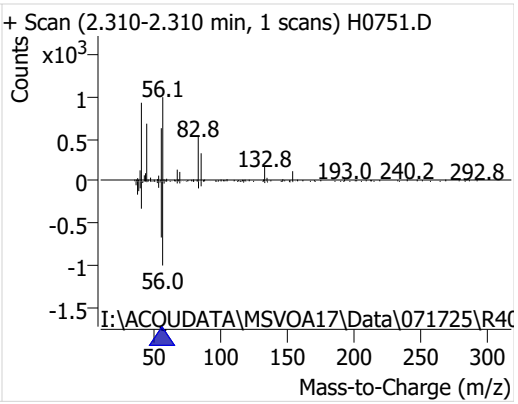




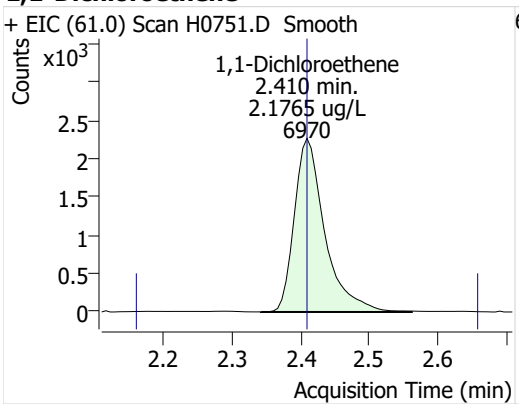
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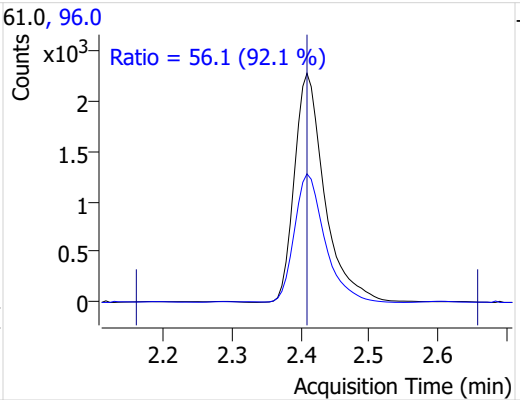


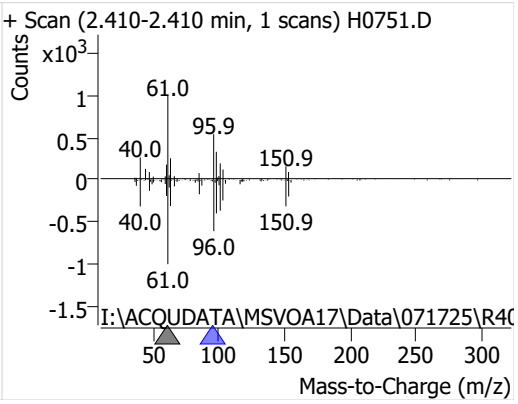




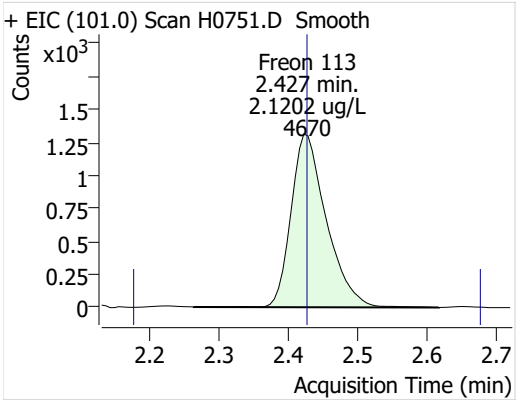
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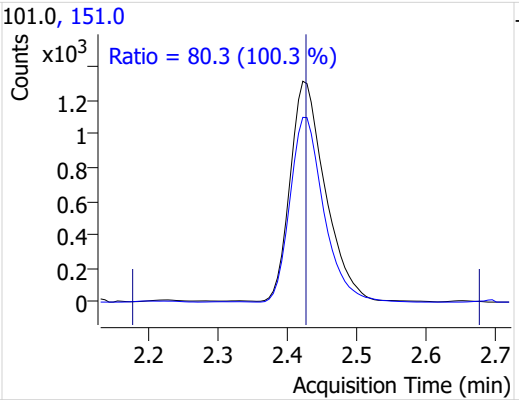


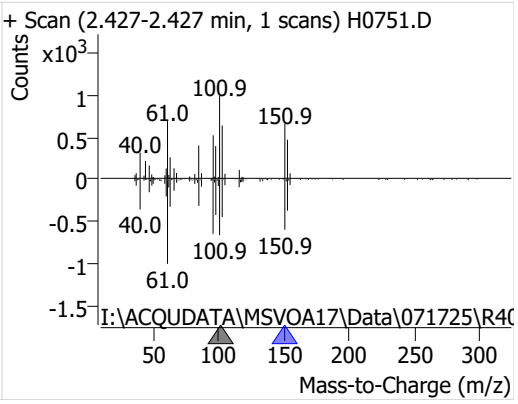




Freon 113

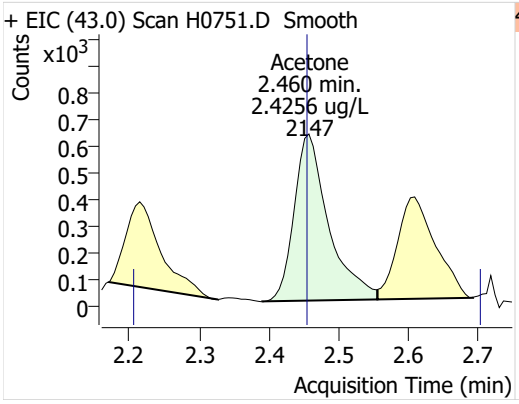


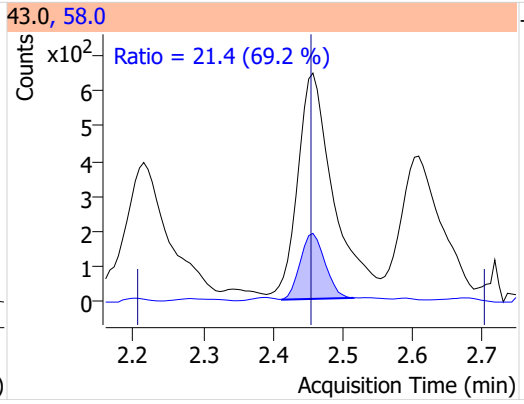


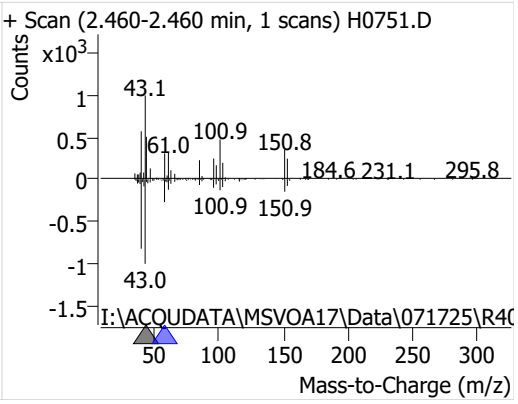


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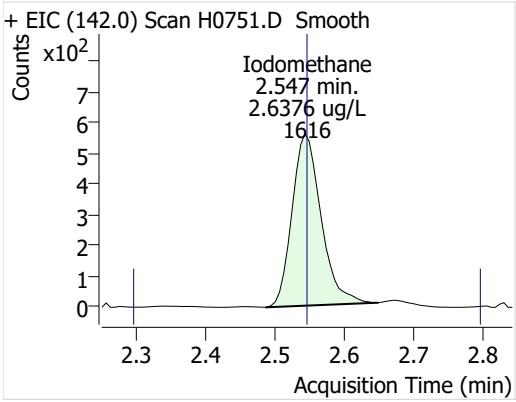
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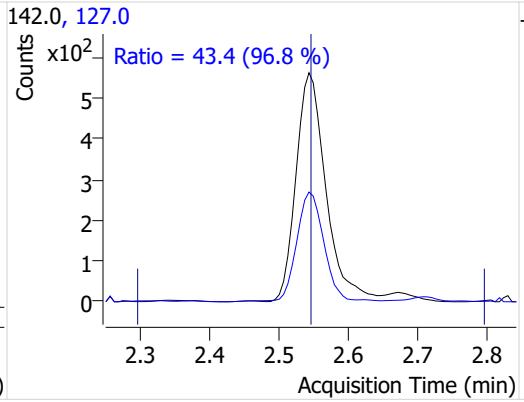


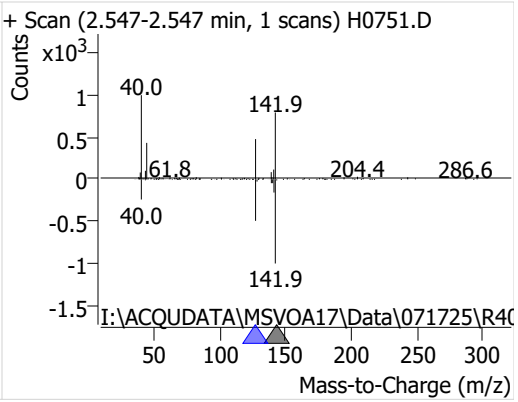




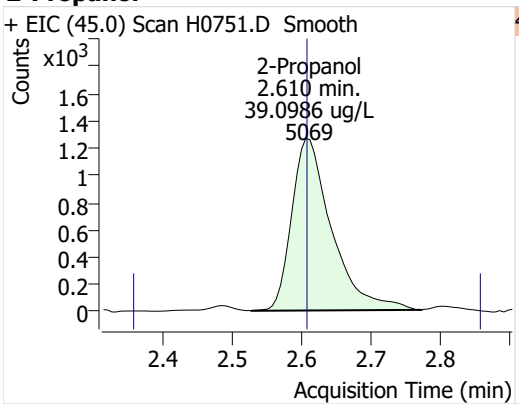
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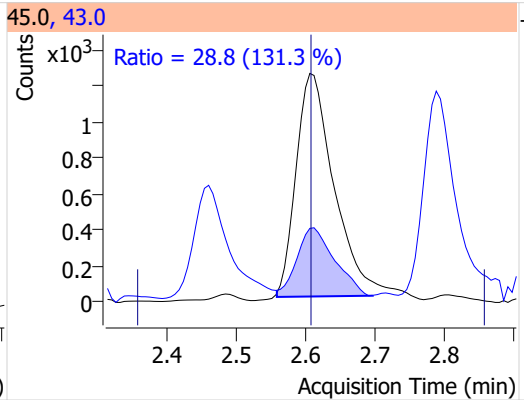


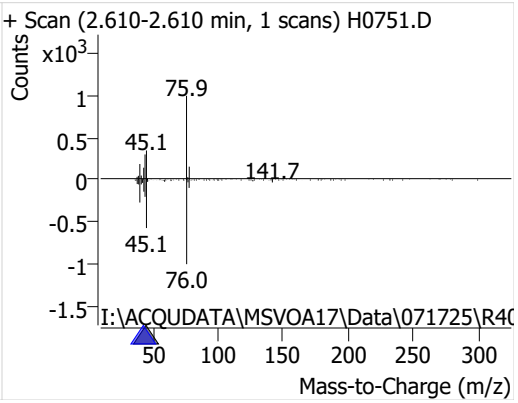




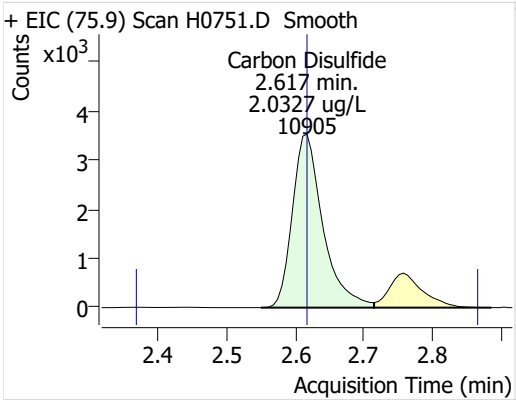
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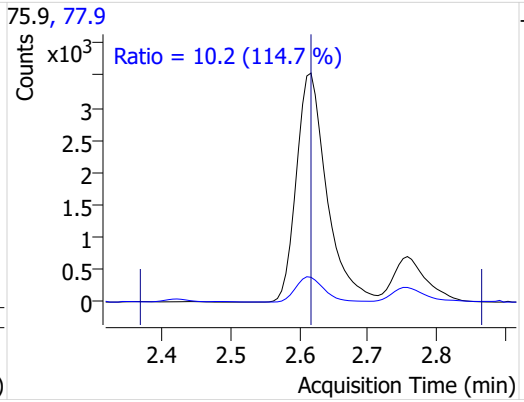


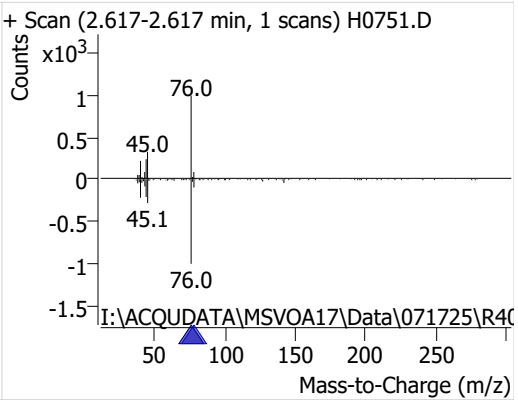




Carbon Disulfide

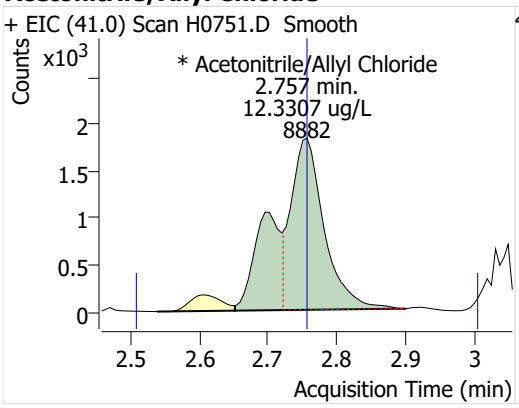


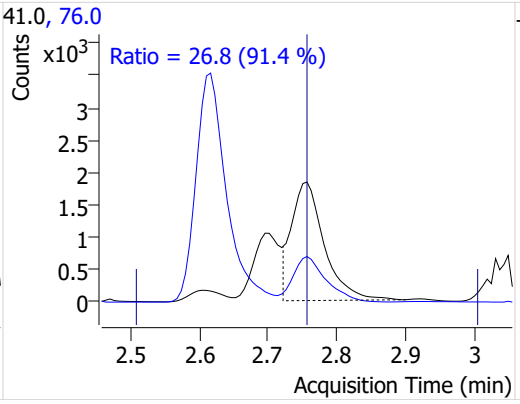


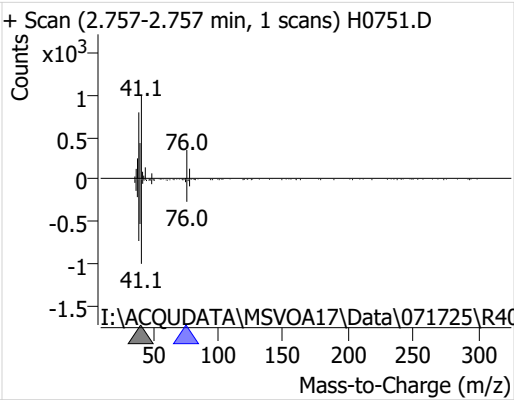


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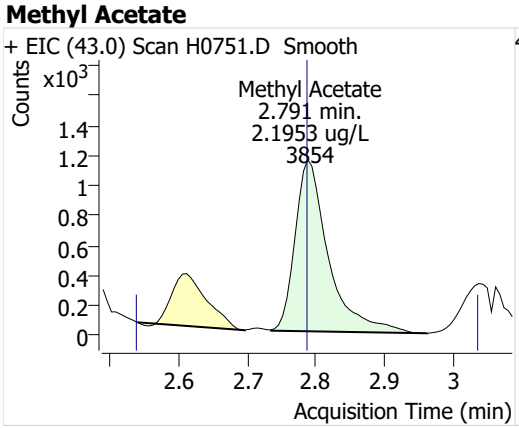
Acetonitrile/Allyl Chloride

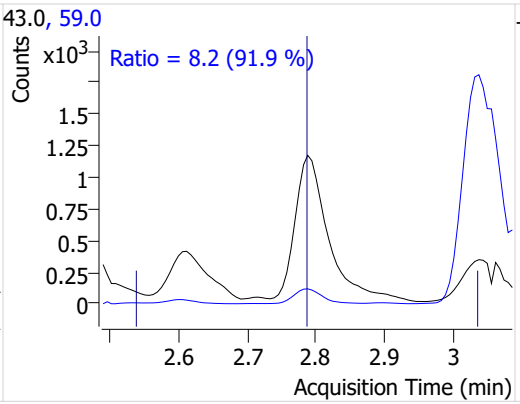


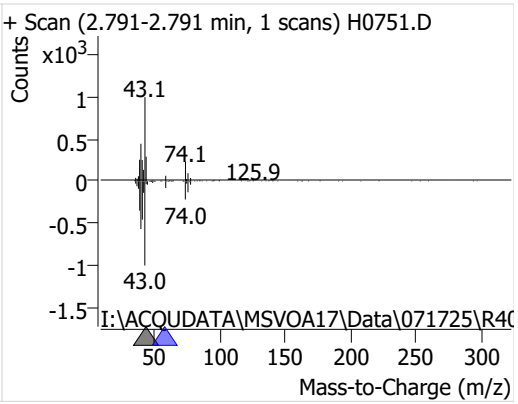




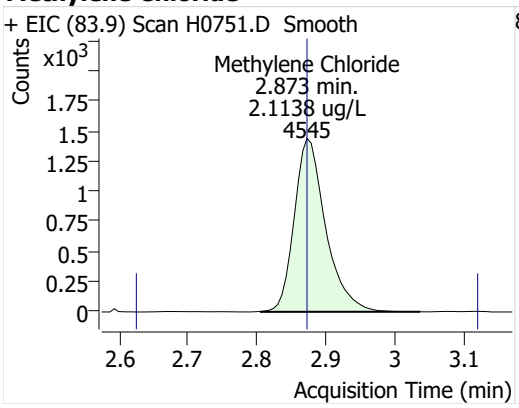
Methyl Acetate

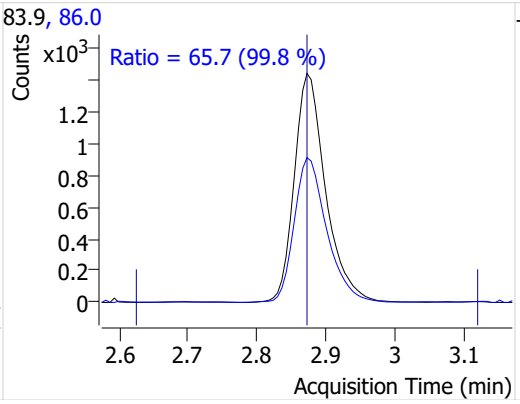


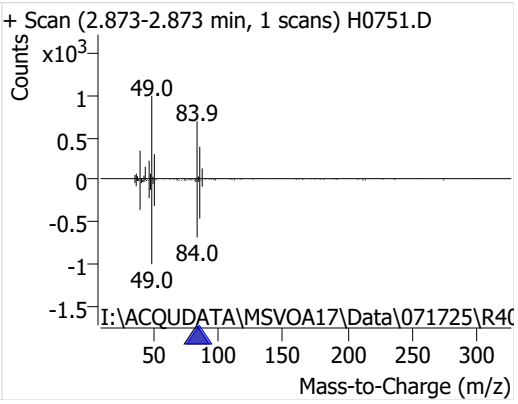




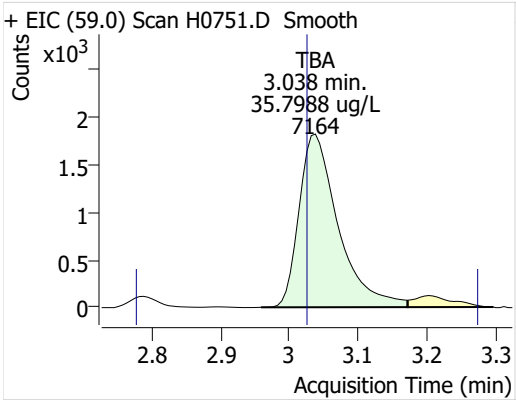
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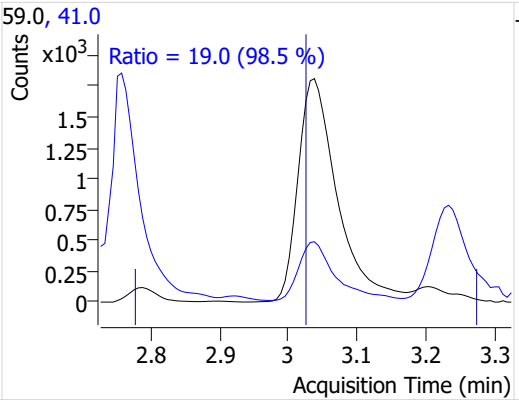


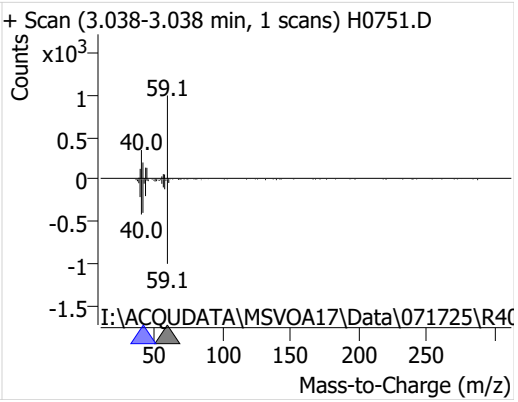




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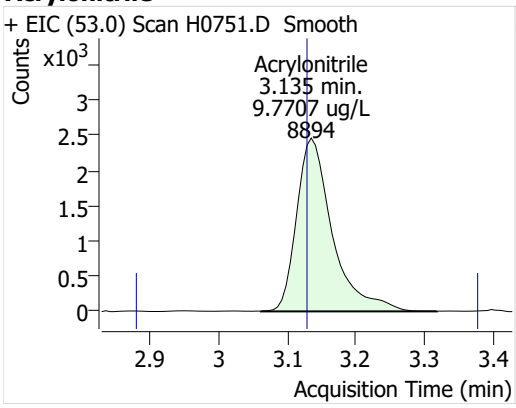


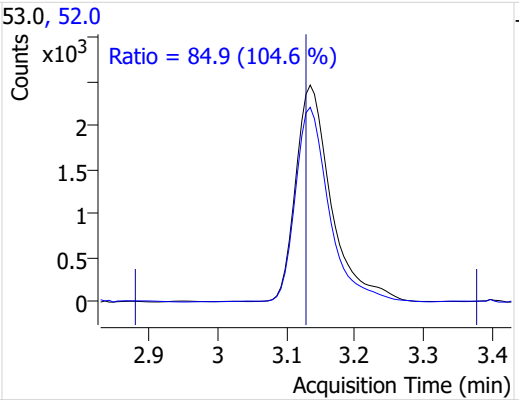


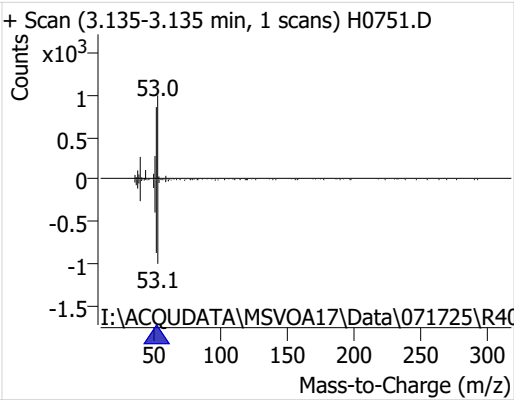


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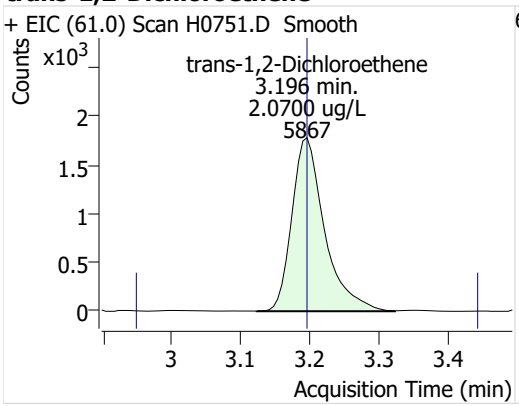
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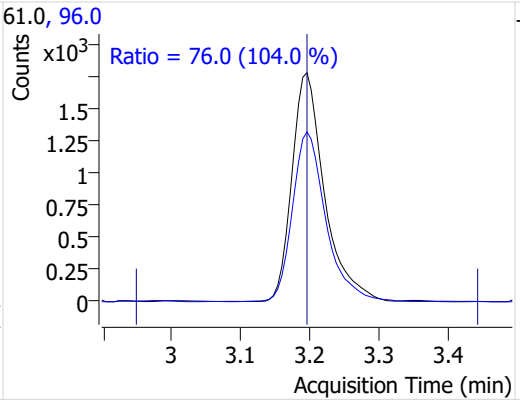


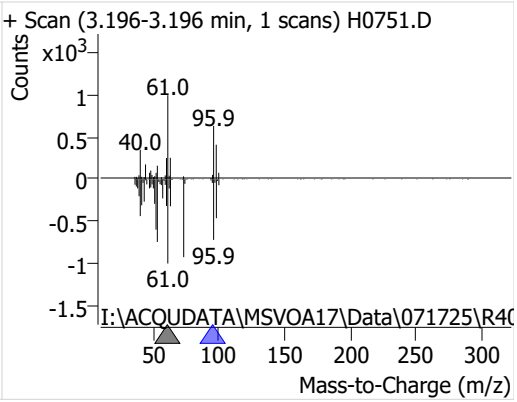




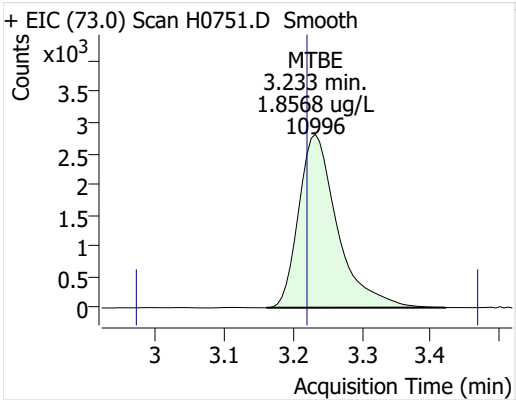
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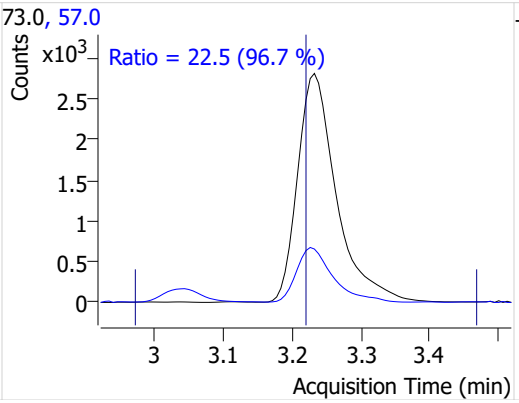


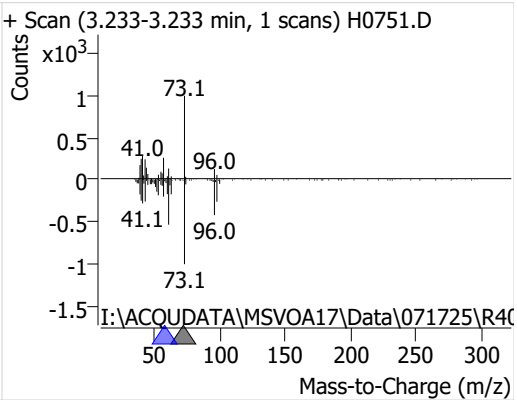




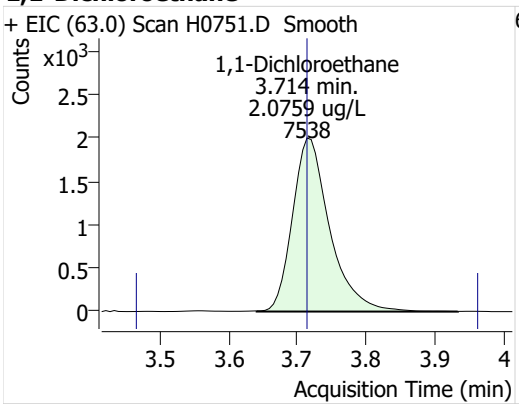
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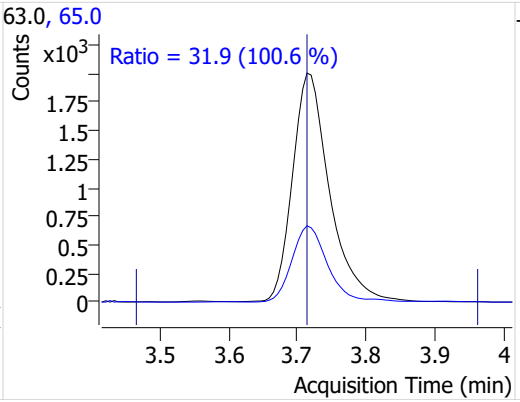


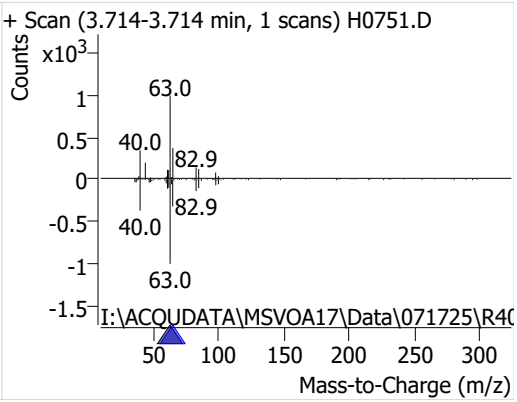




1,1-Dichloroethane

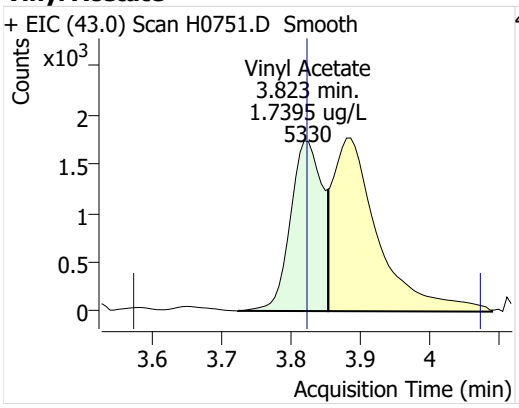


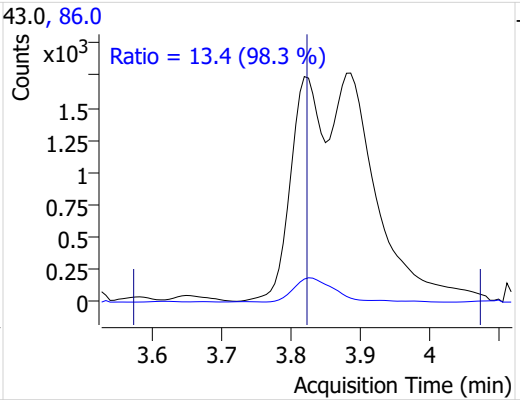


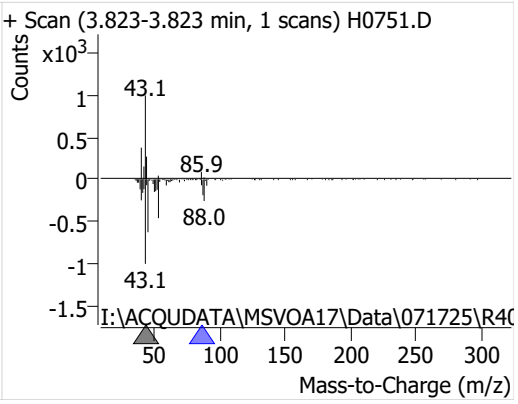


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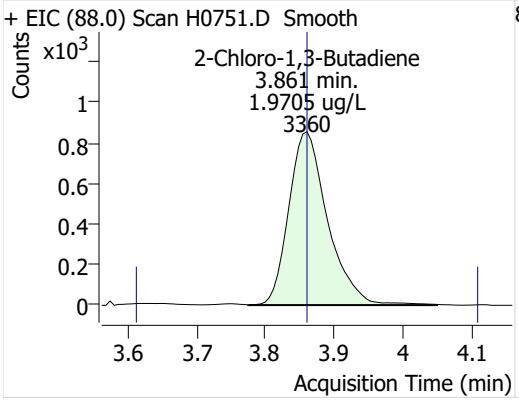
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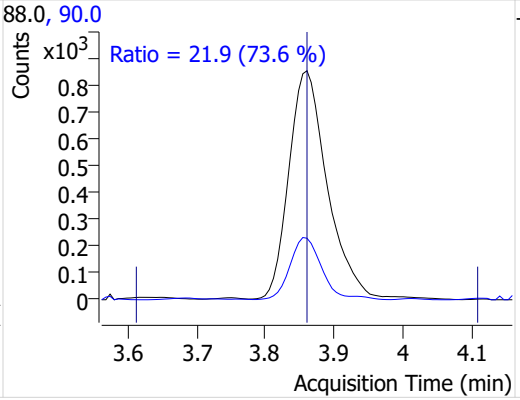


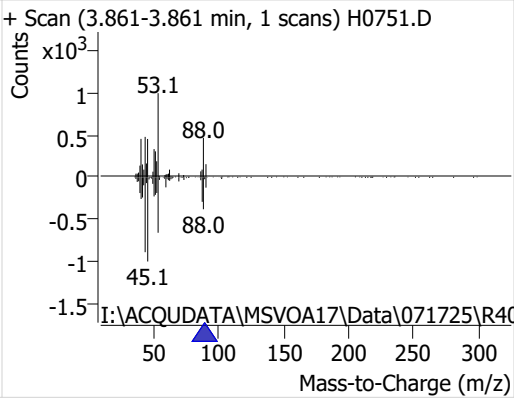




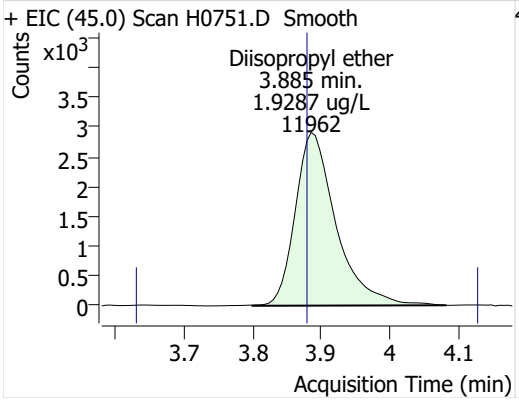
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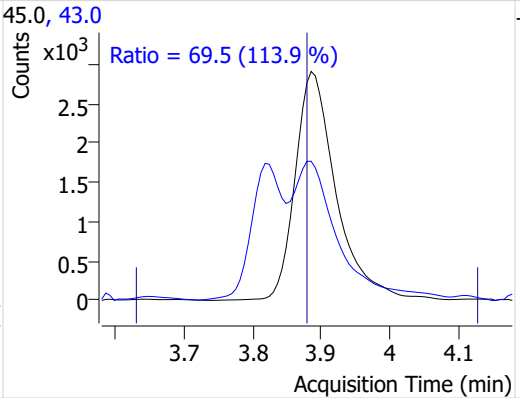


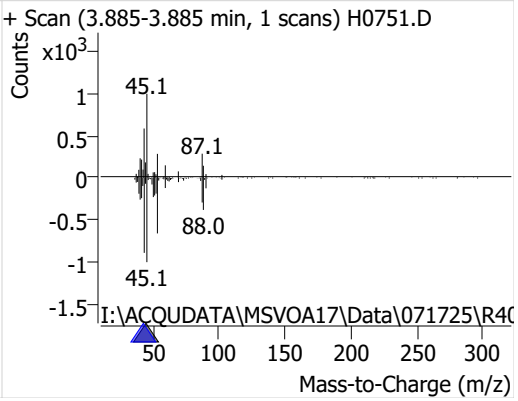




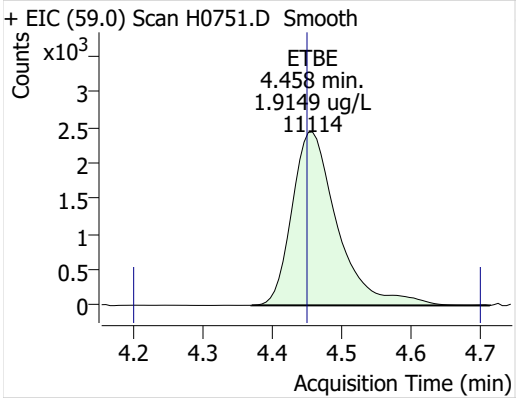
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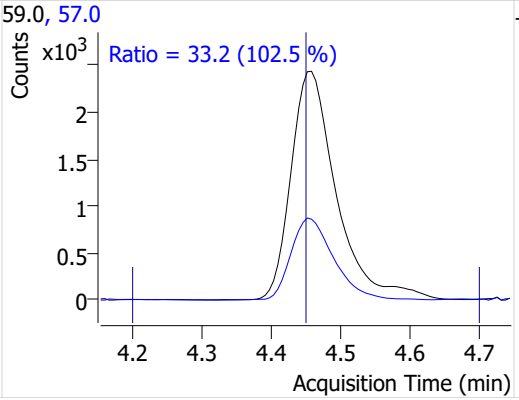


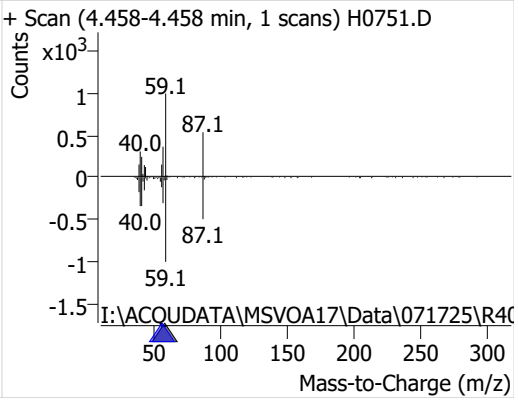




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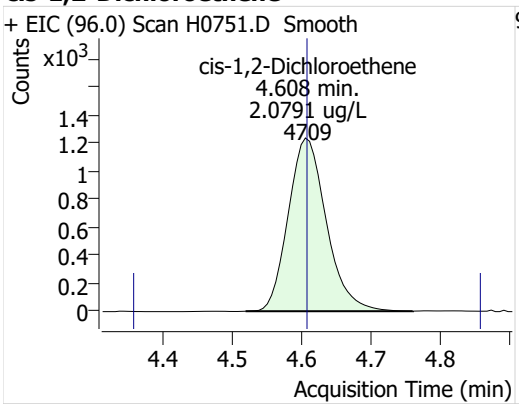


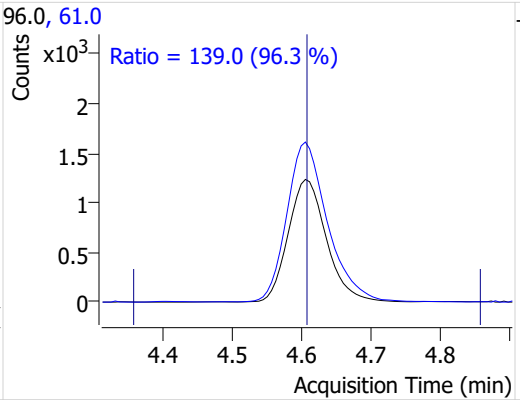


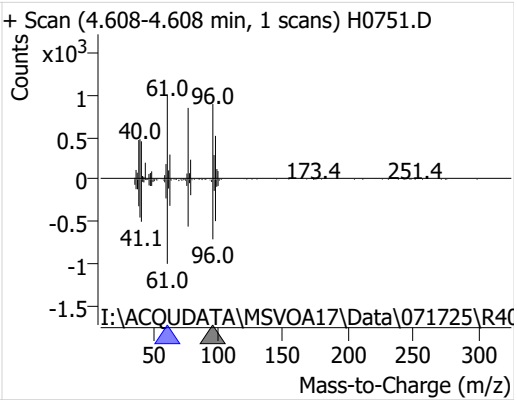


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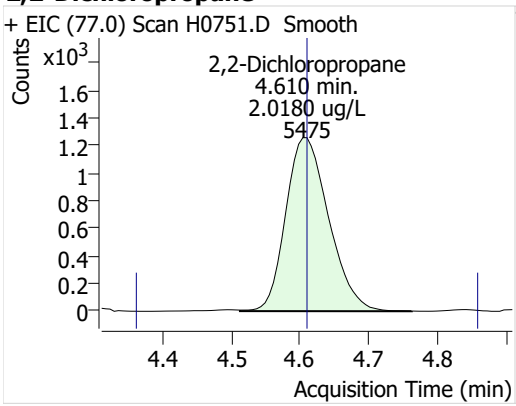
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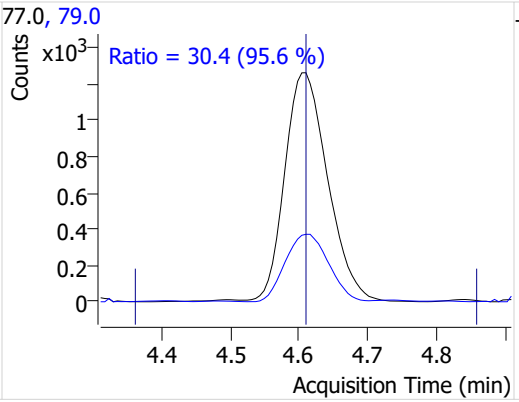


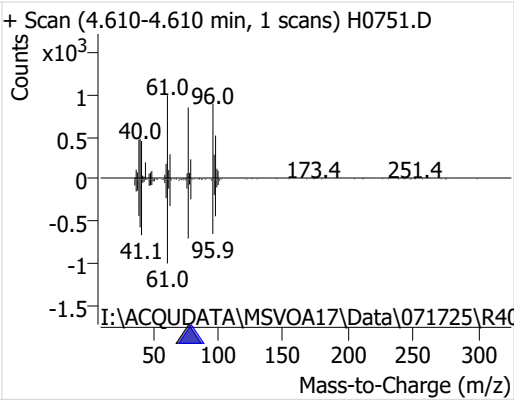




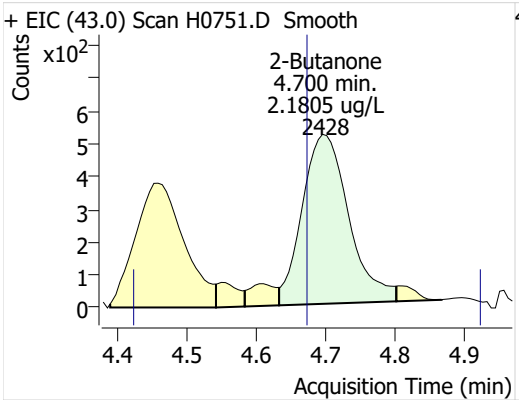
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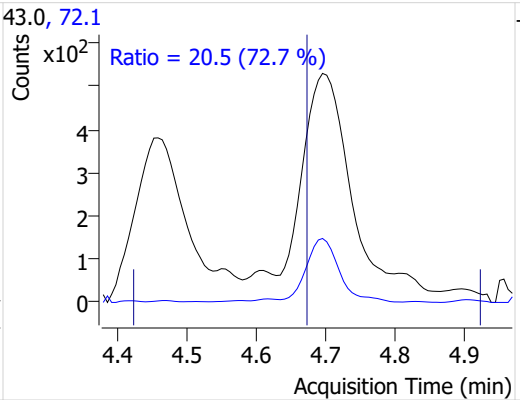


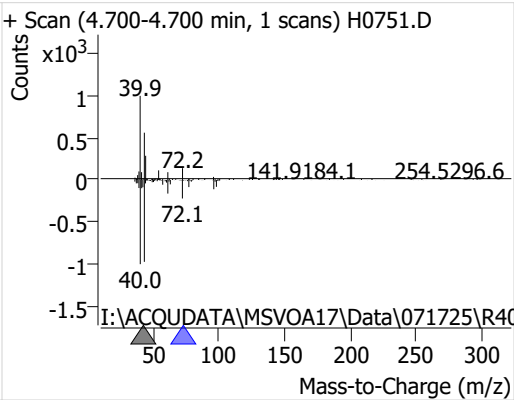




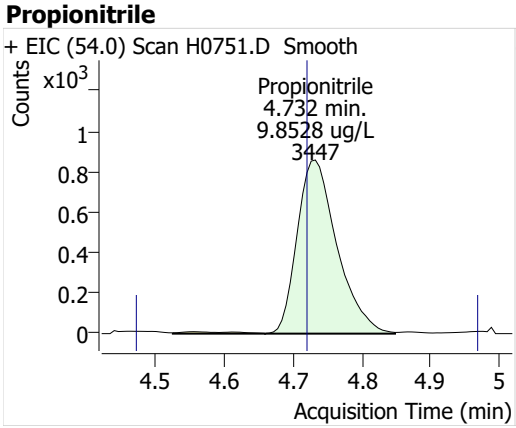
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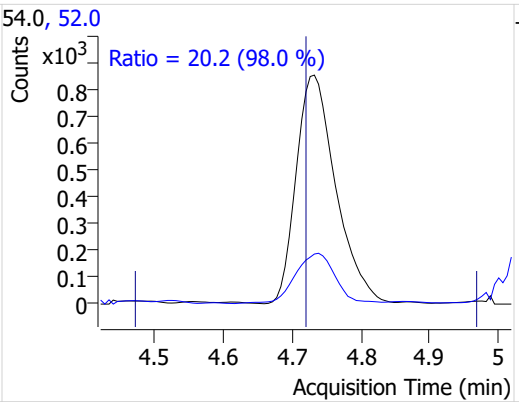


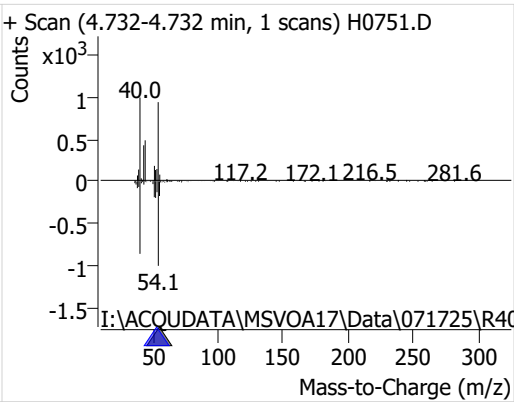




Propionitrile

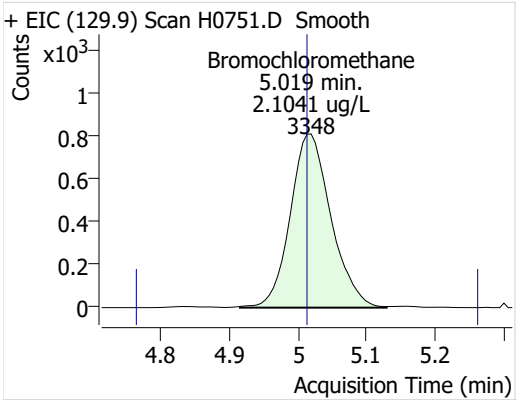


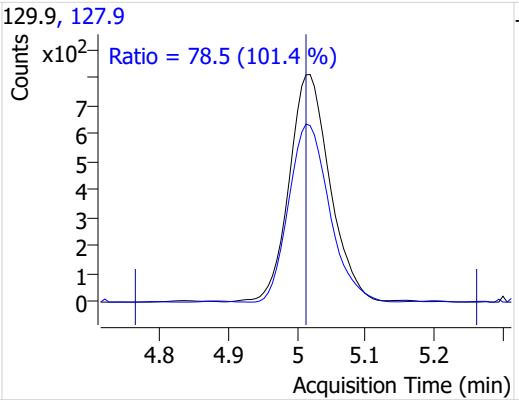


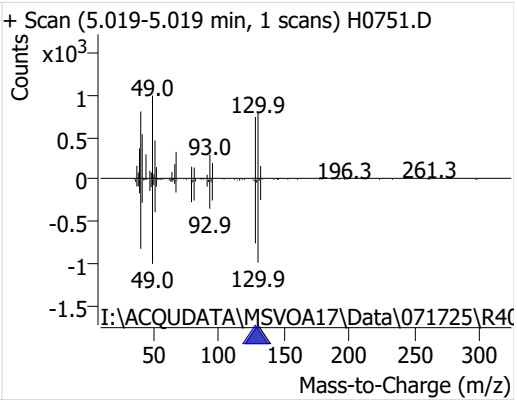


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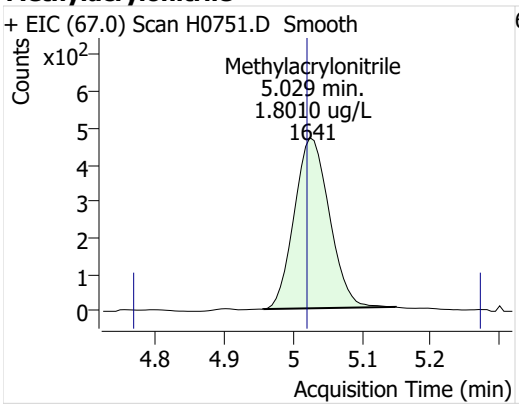
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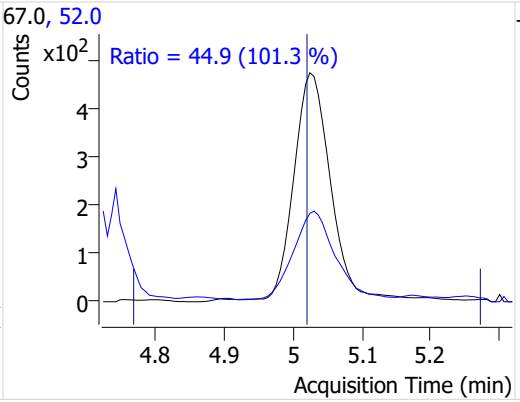


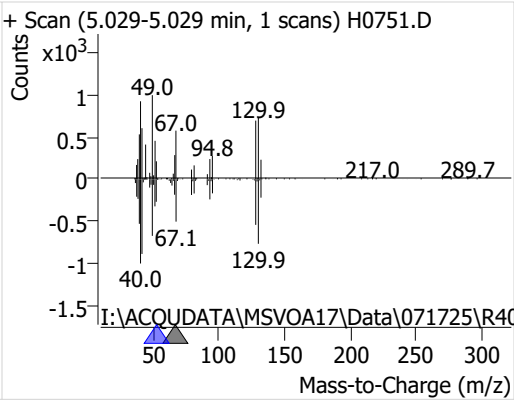




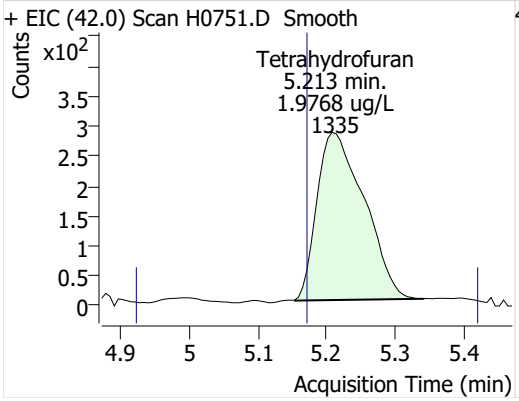
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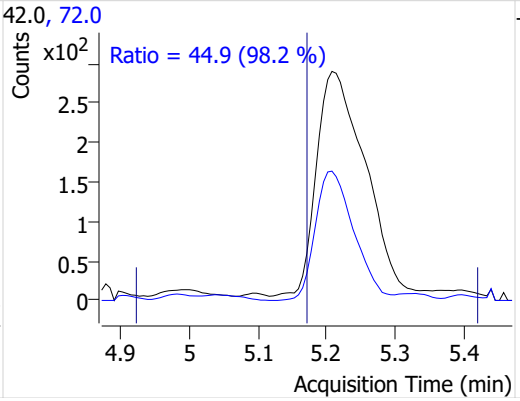


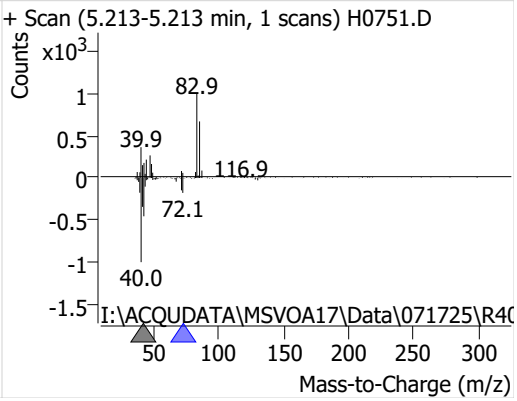




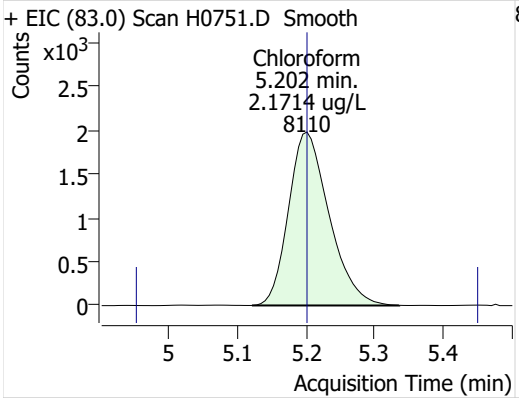
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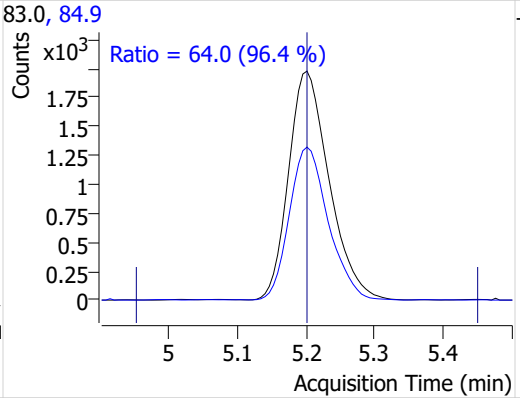


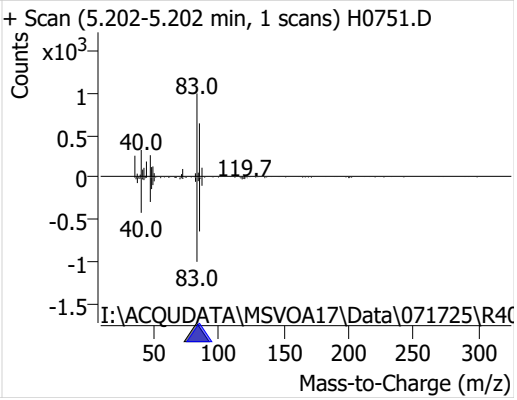




Chloroform

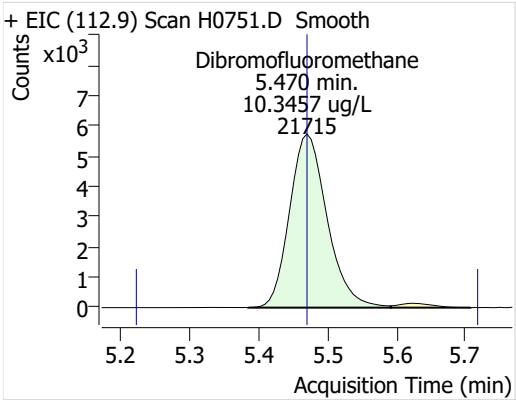


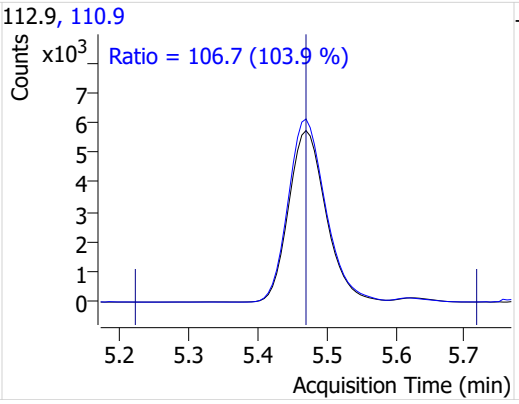


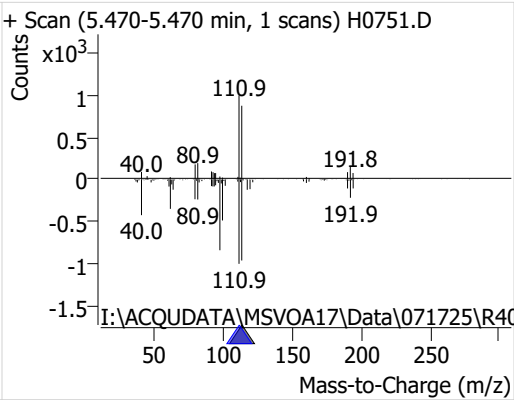


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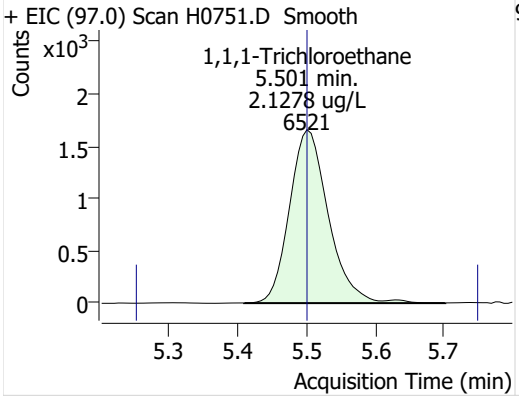
Dibromofluoromethane

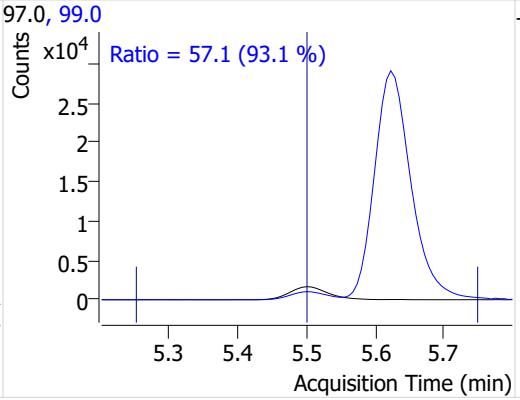


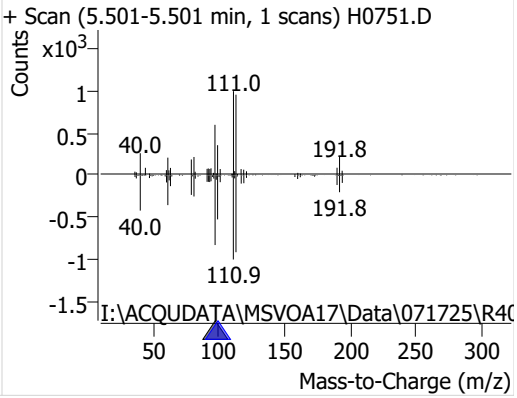




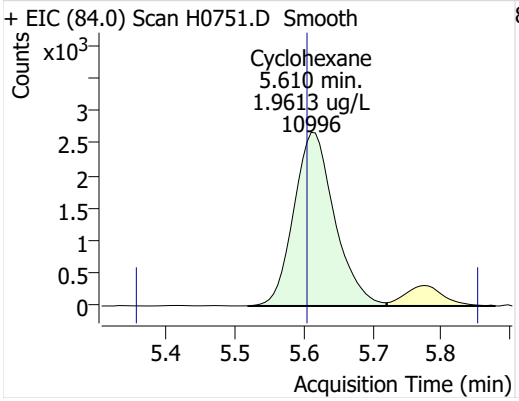
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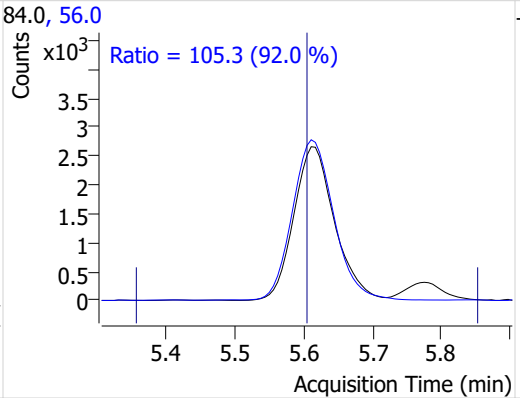


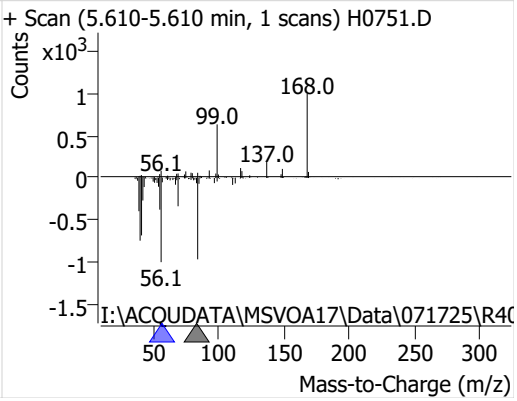




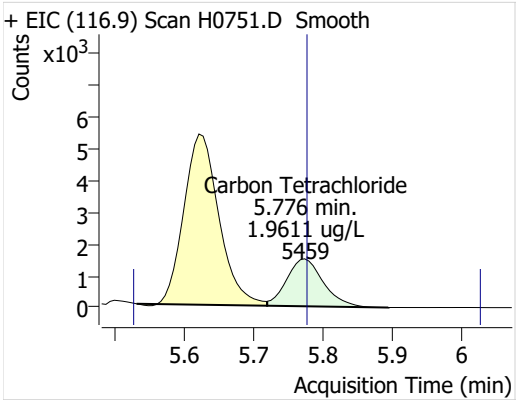
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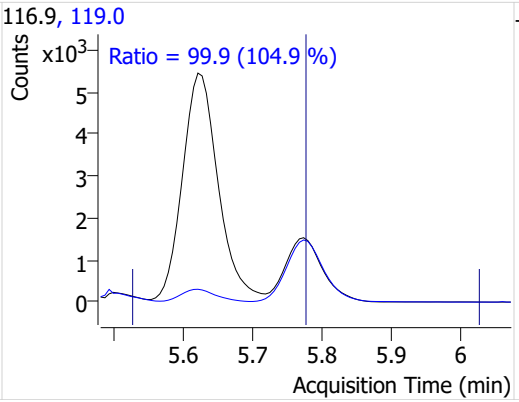


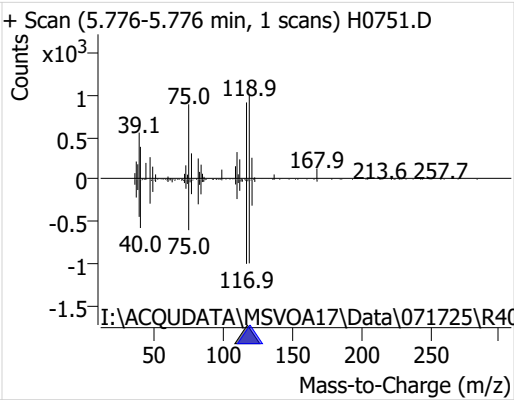




Carbon Tetrachloride

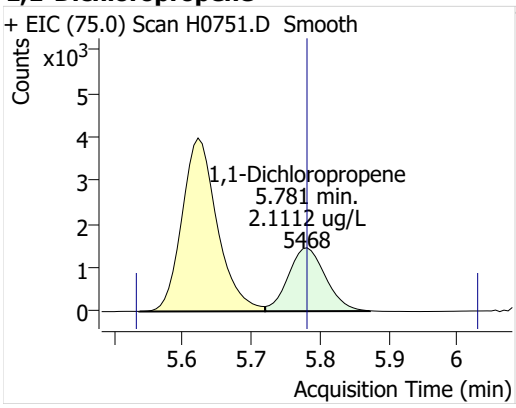


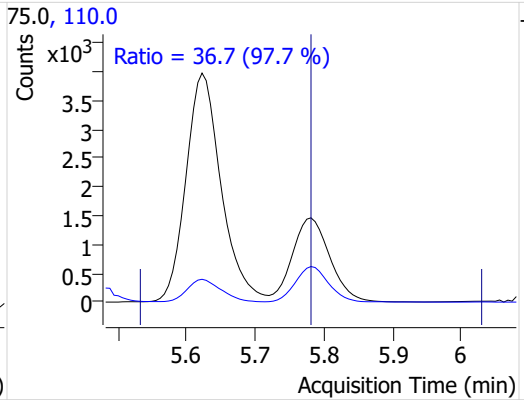


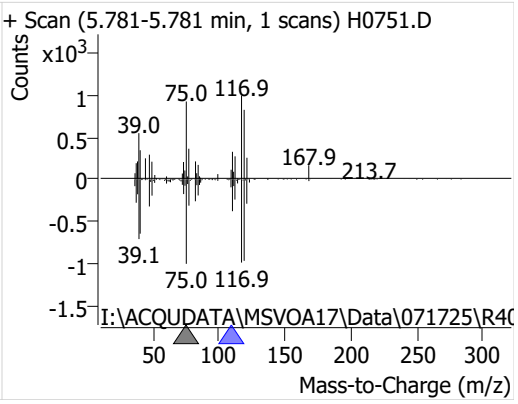


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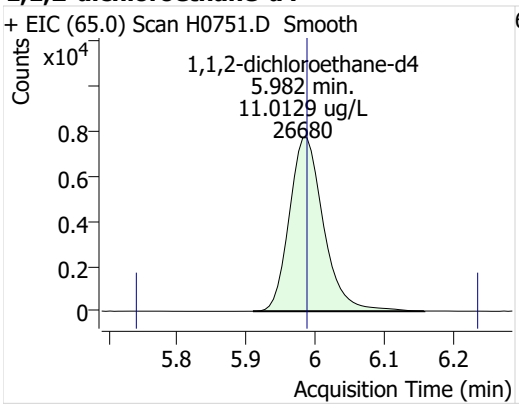
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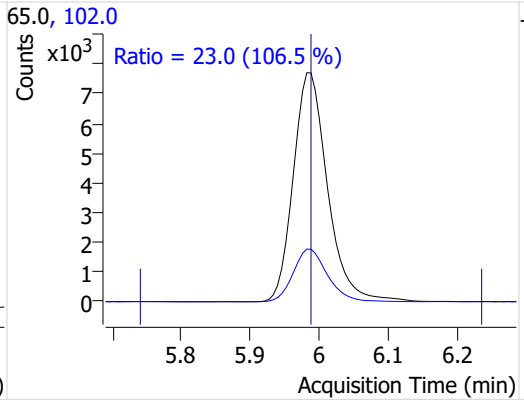


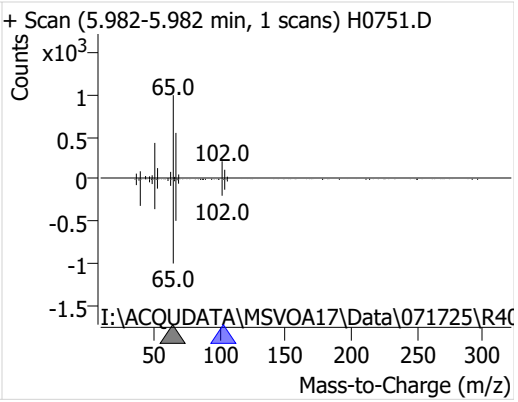




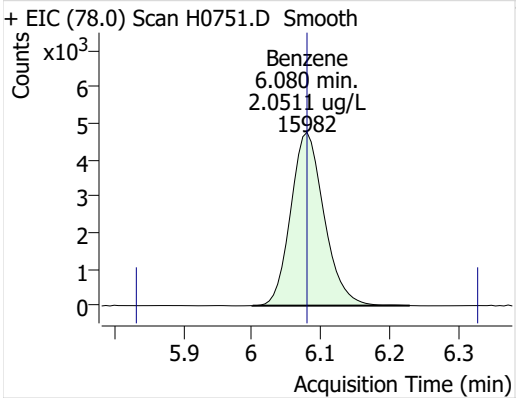
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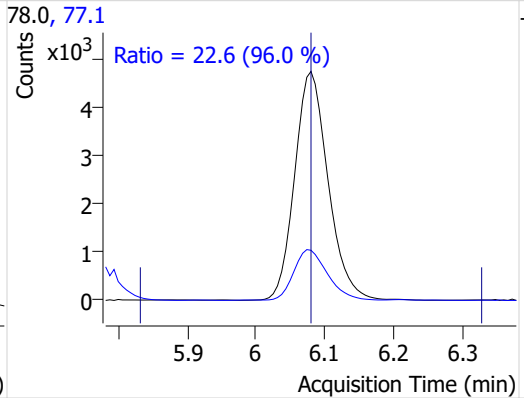


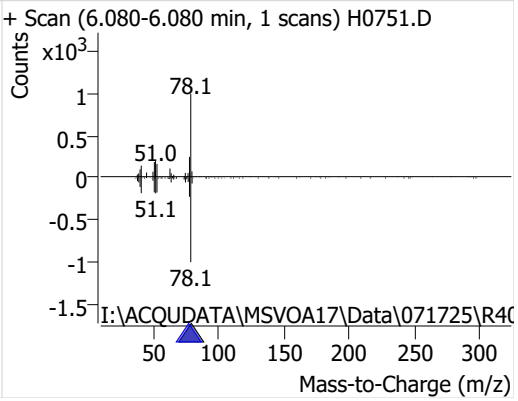




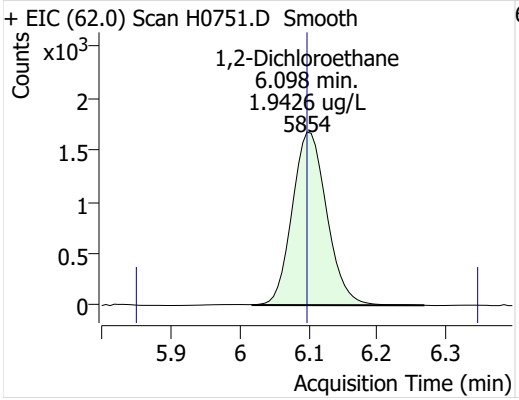
Benzene

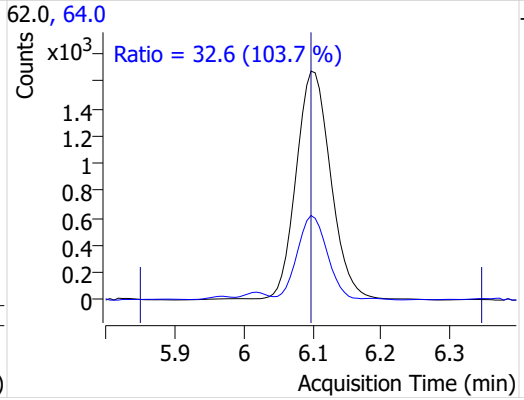


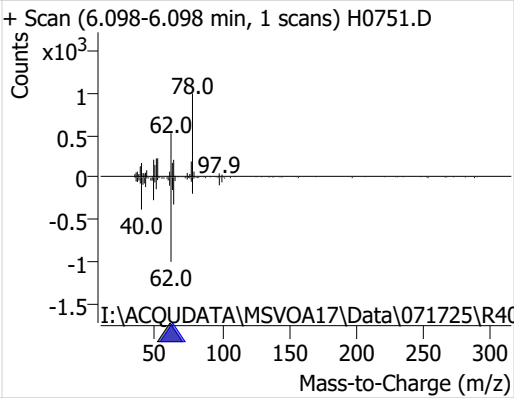




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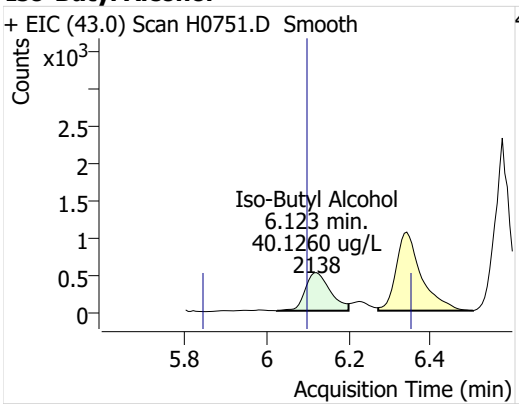


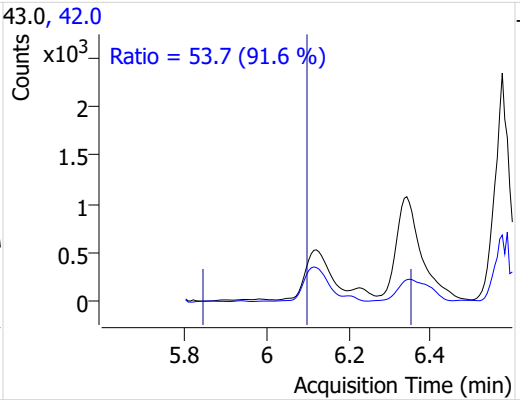


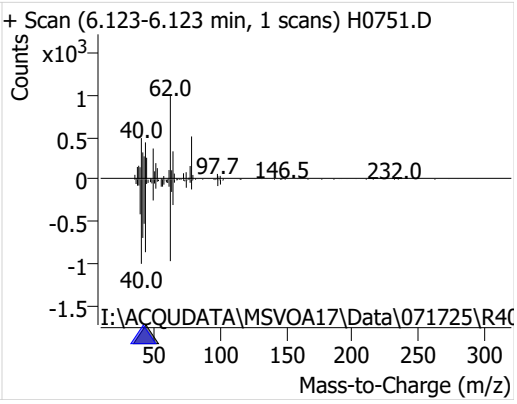


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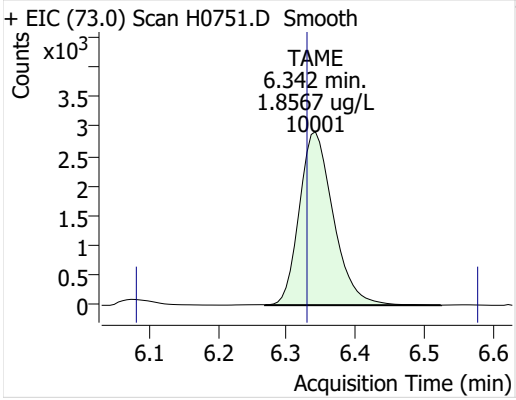
Iso-Butyl Alcohol

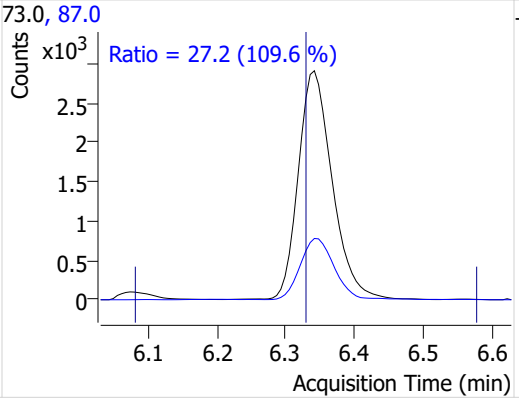


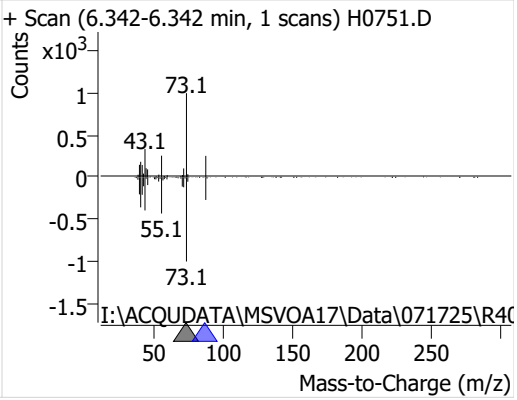




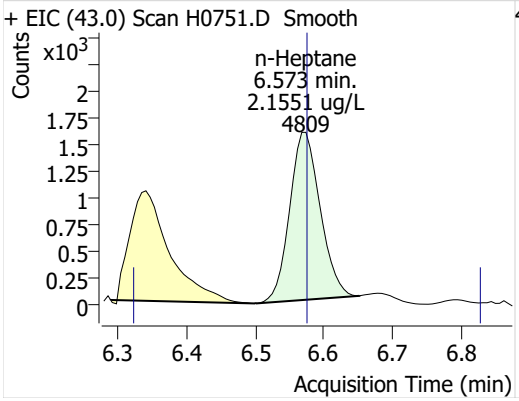
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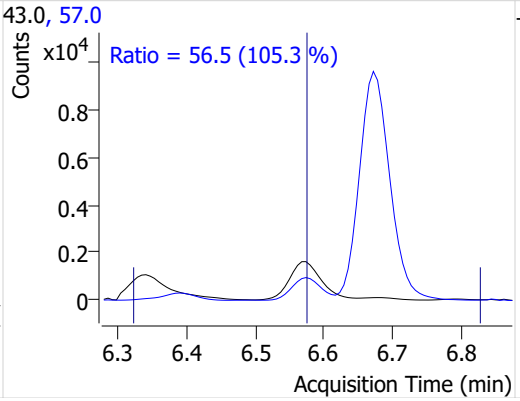


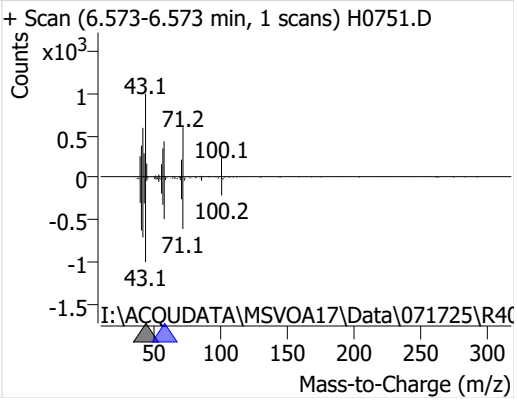




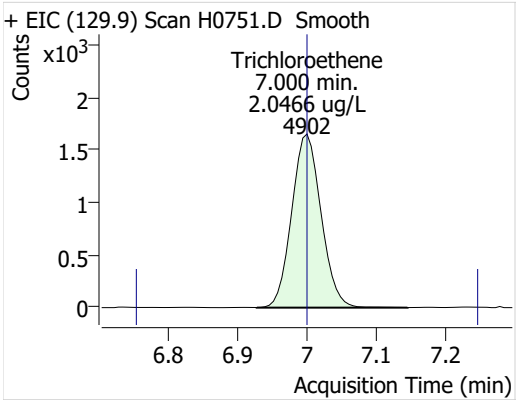
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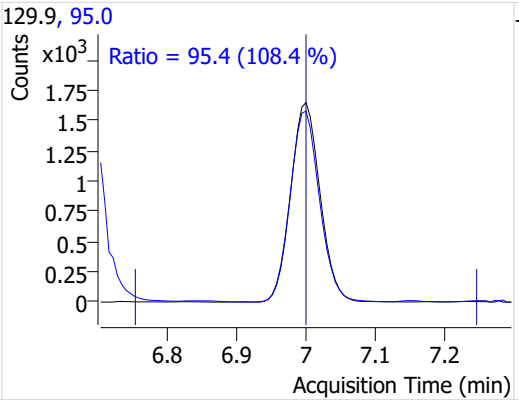


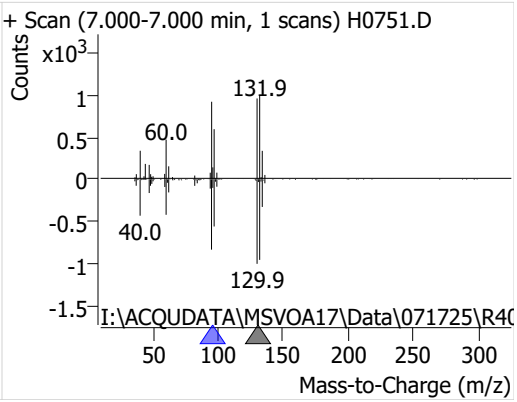




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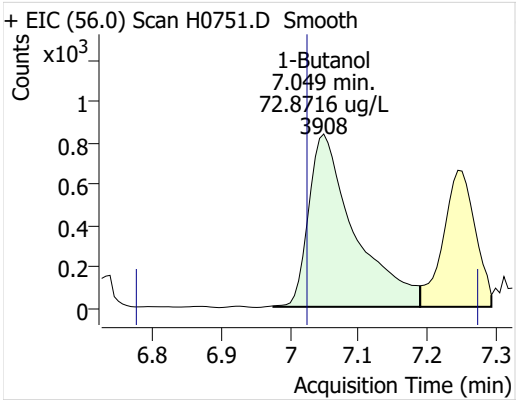


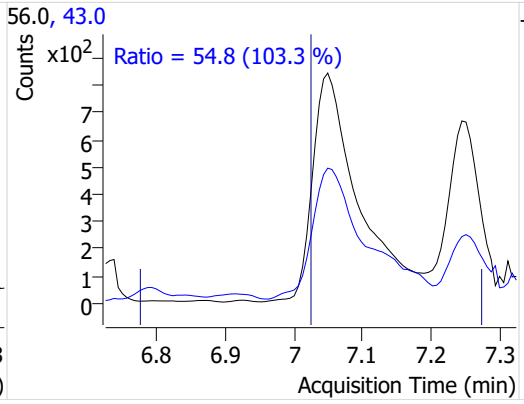


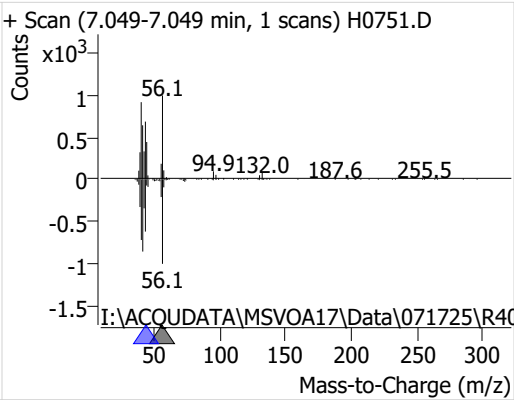


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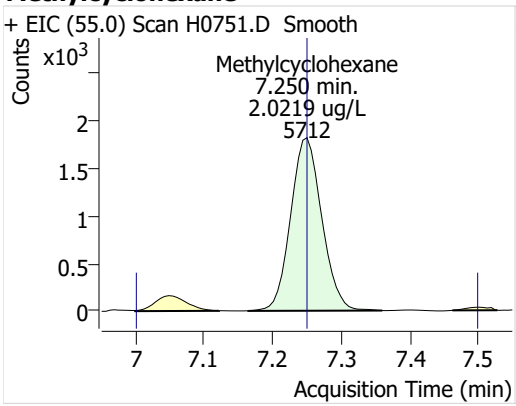
1-Butanol

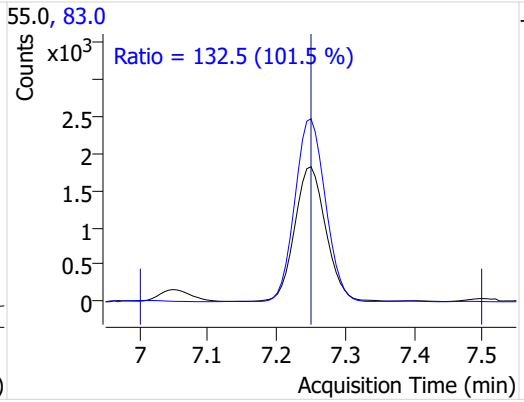


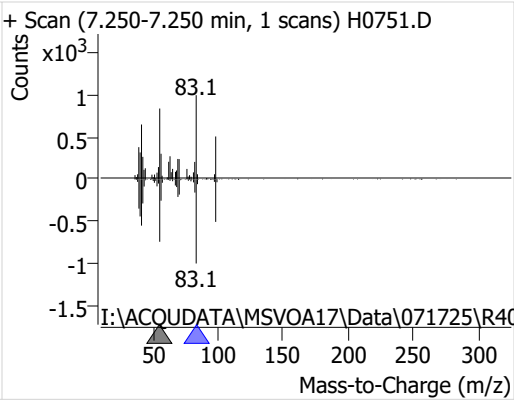




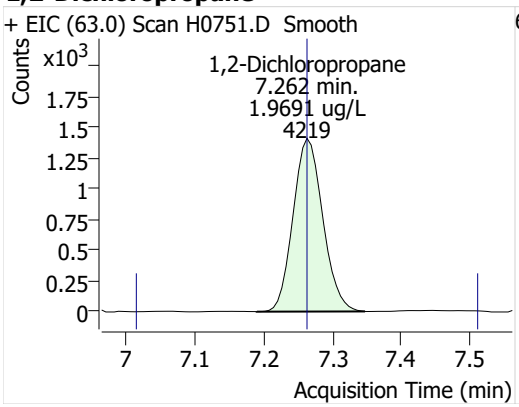
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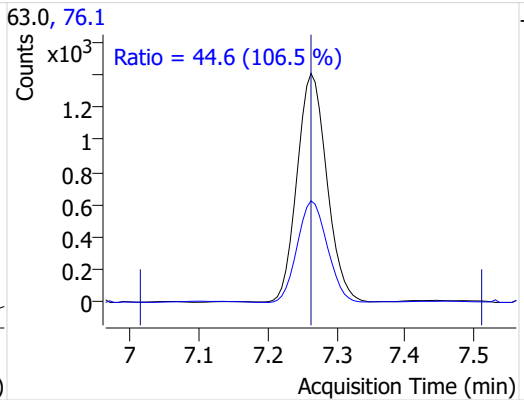


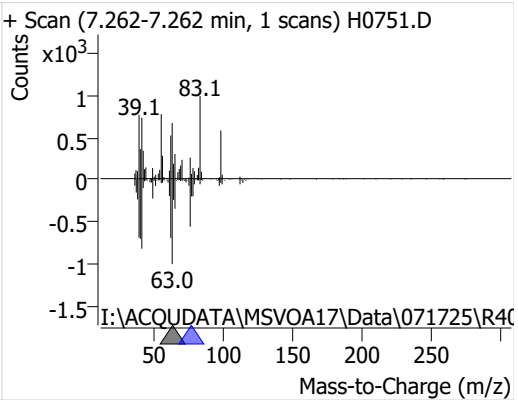




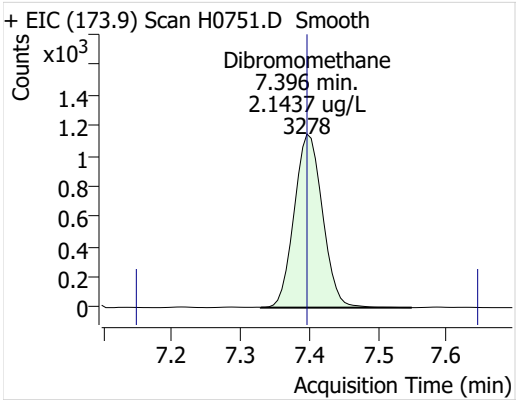
1,2-Dichloropropane

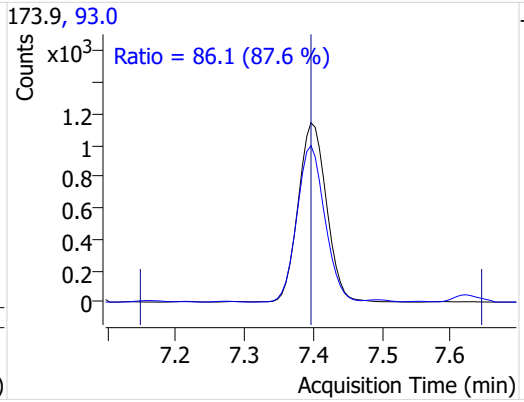


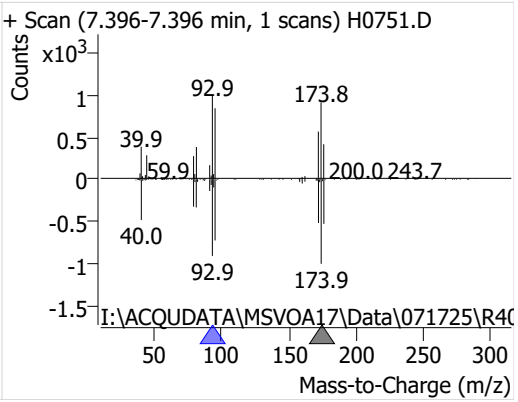




Dibromomethane

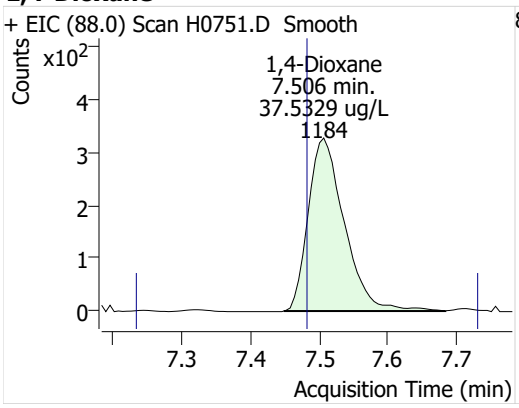


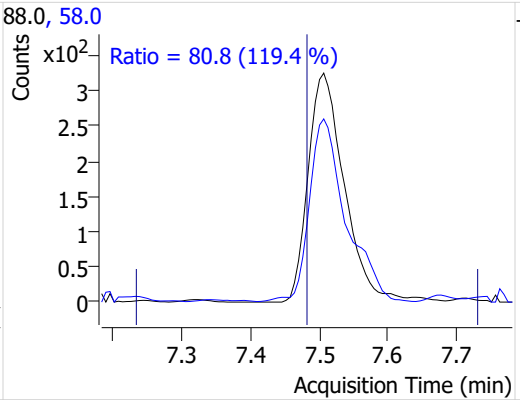


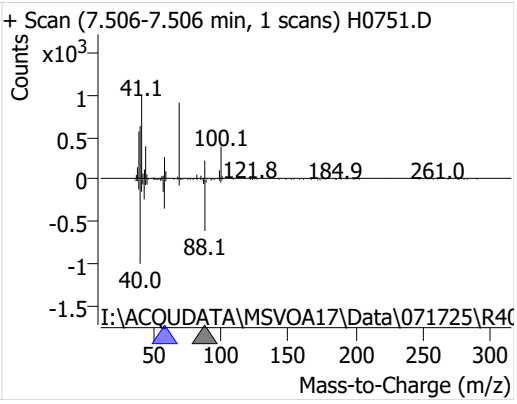


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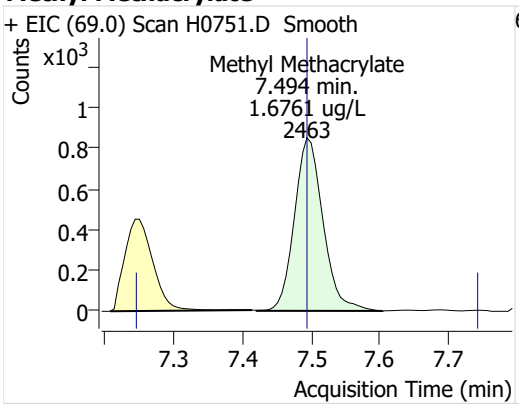
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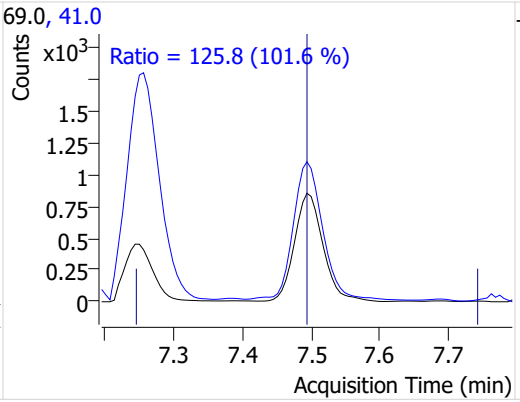


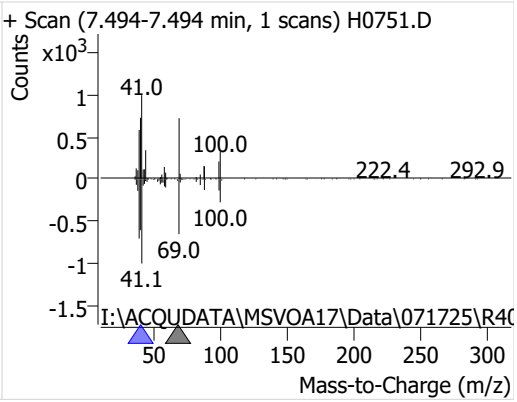




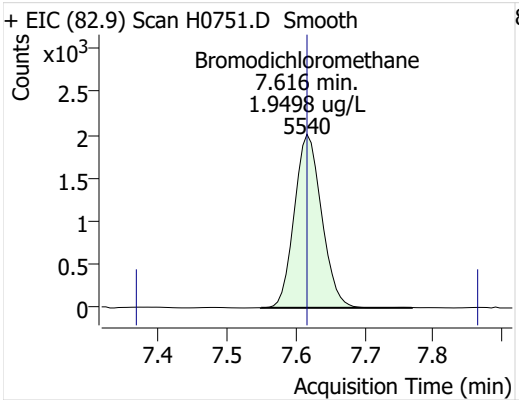
Methyl Methacrylate

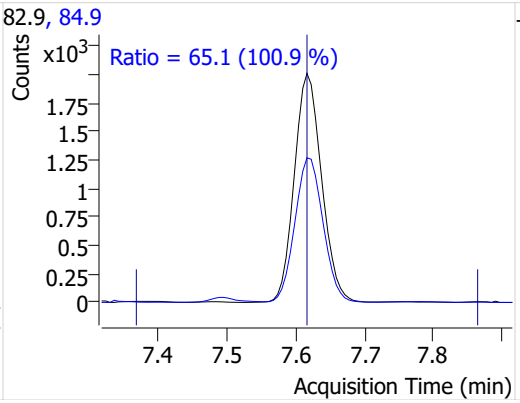


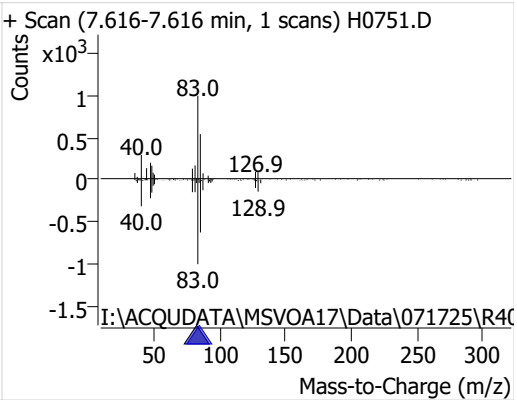




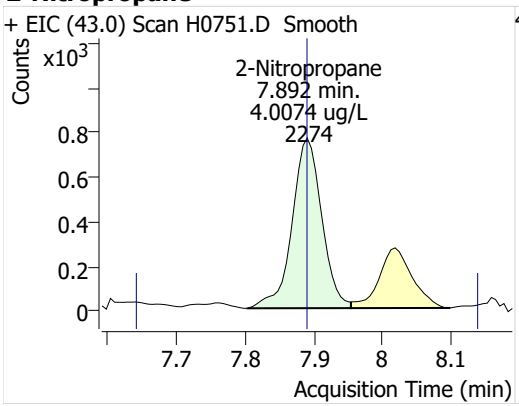
Bromodichloromethane

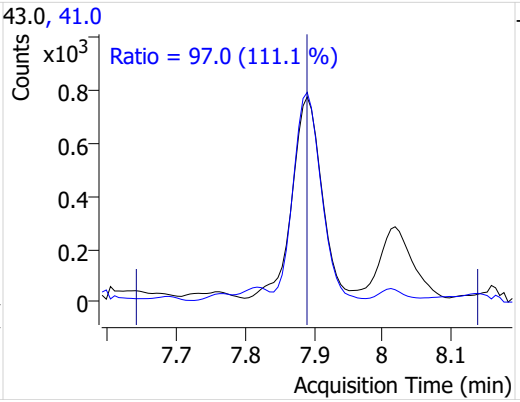


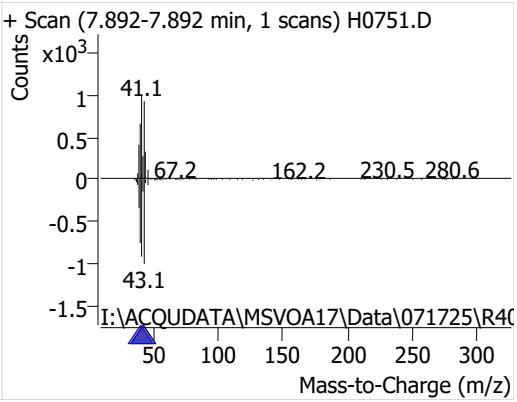




2-Nitropropane

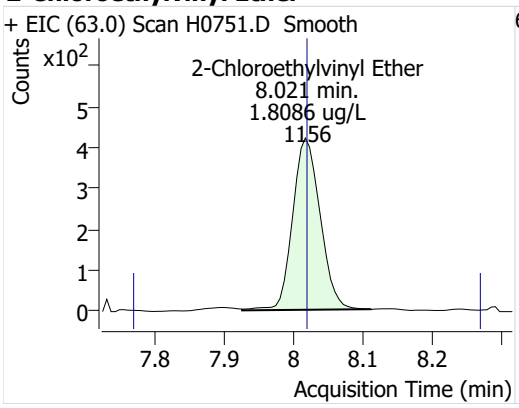


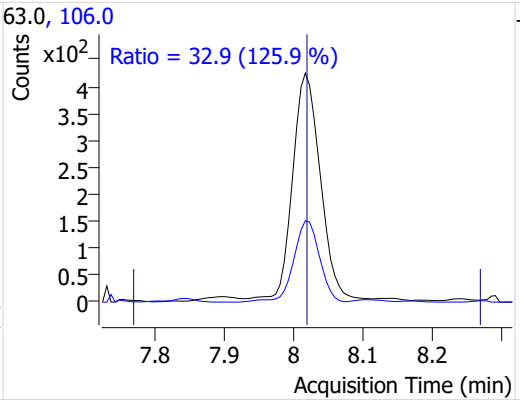


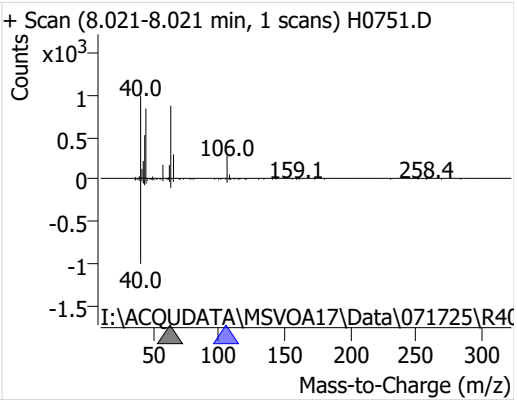


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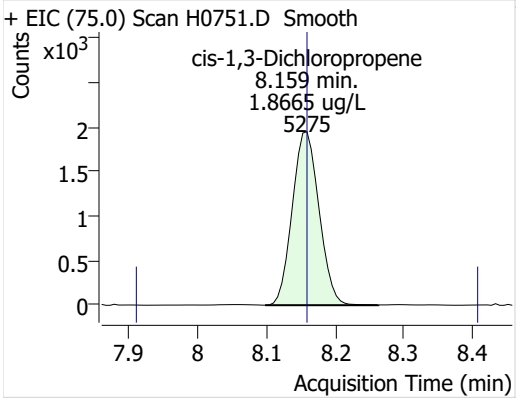
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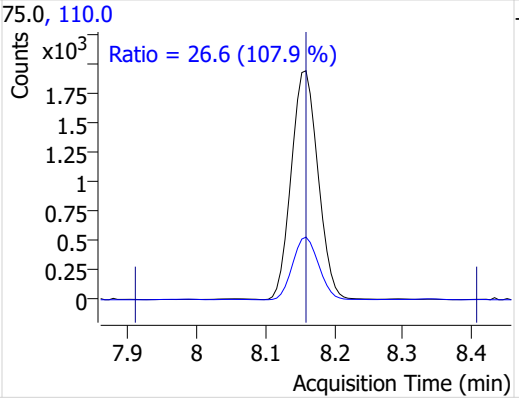


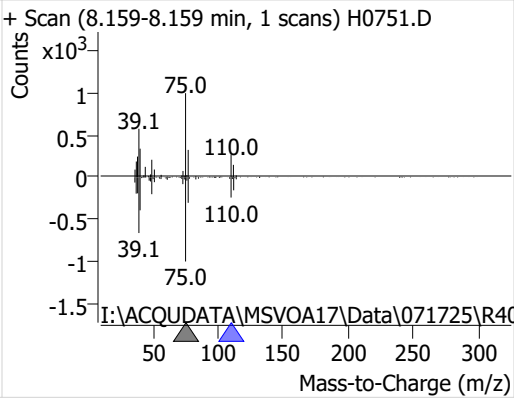




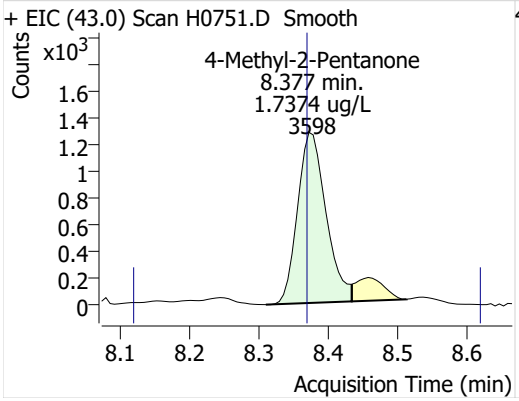
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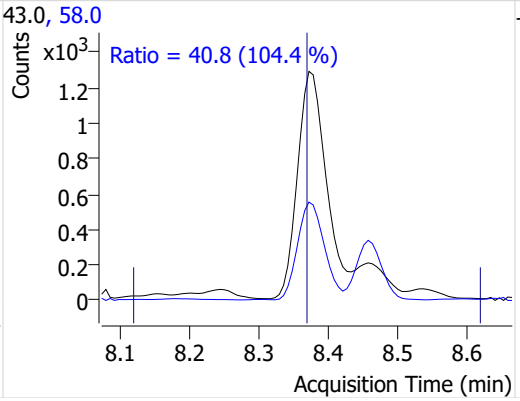


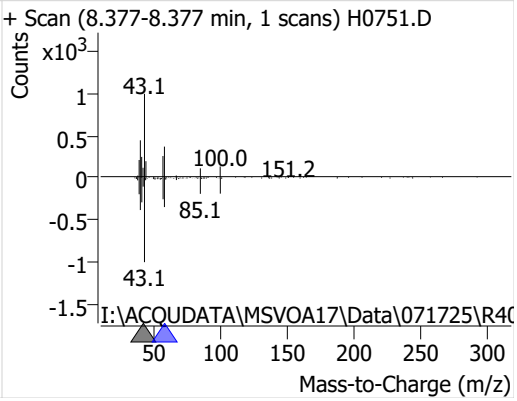




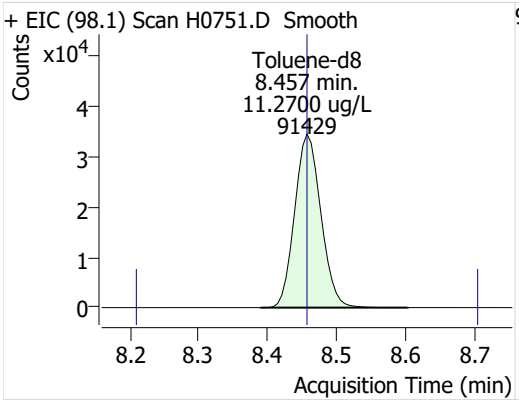
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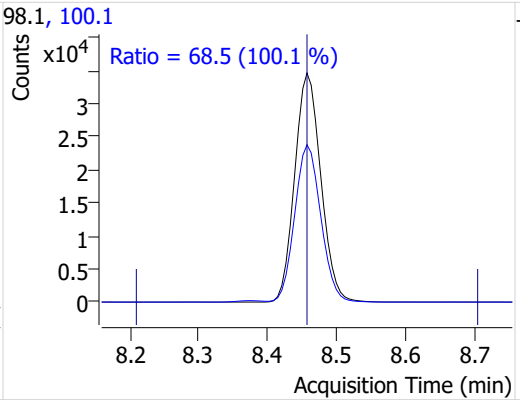


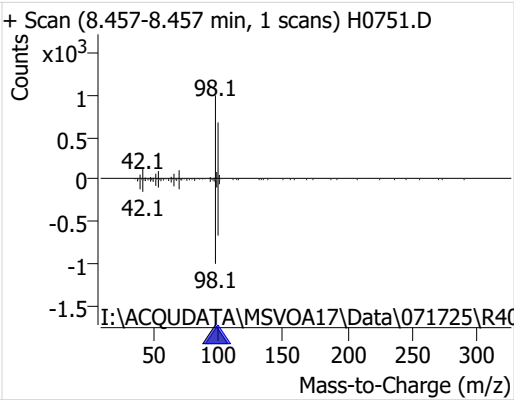




Toluene-d8

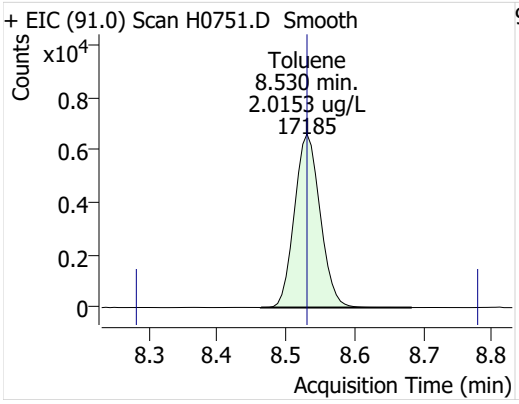


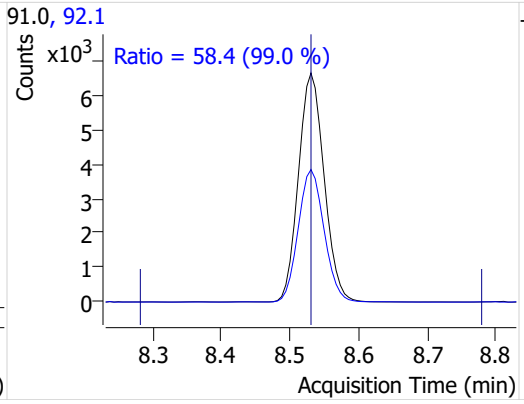


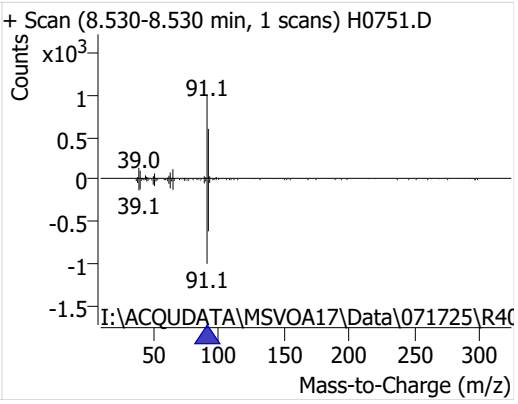


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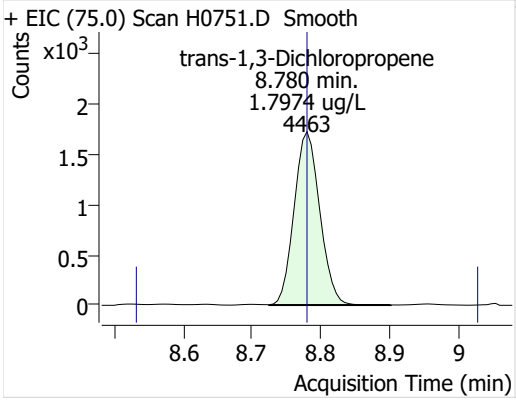
Toluene

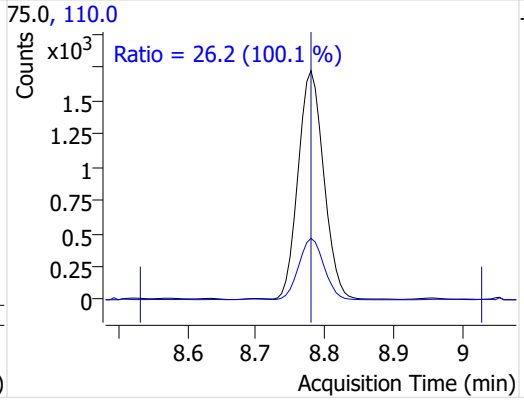


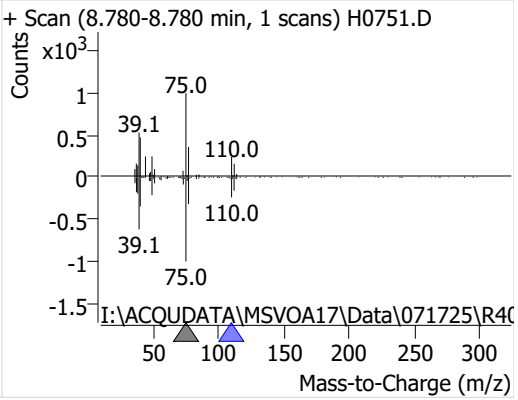




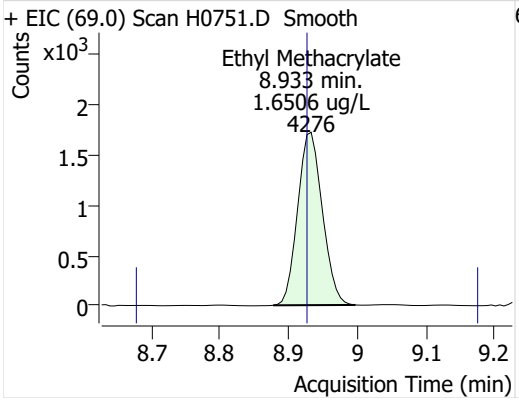
trans-1,3-Dichloropropene

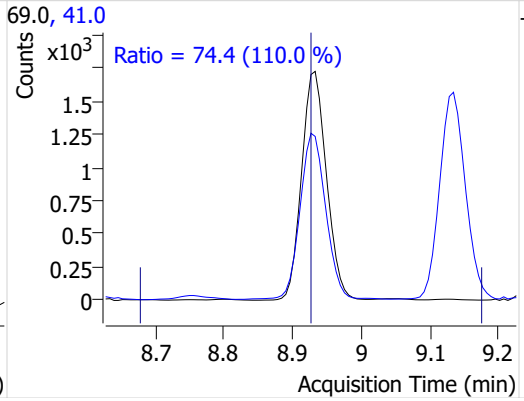


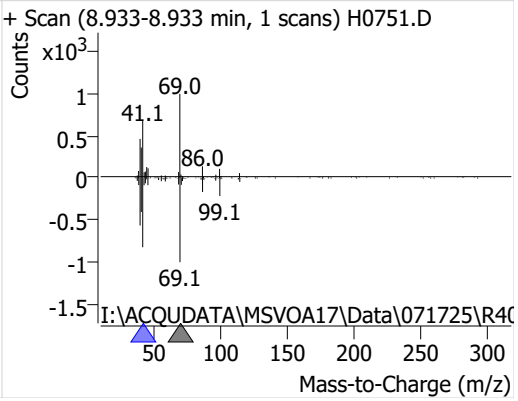




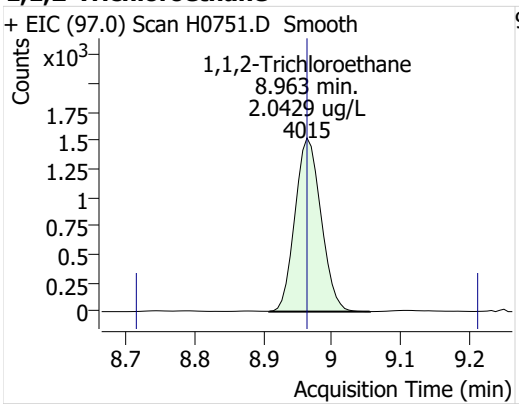
Ethyl Methacrylate

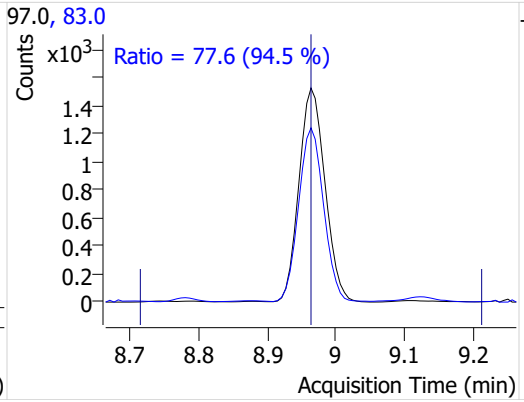


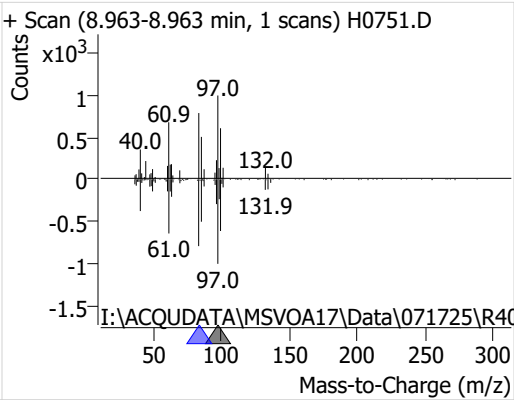




1,1,2-Trichloroethane

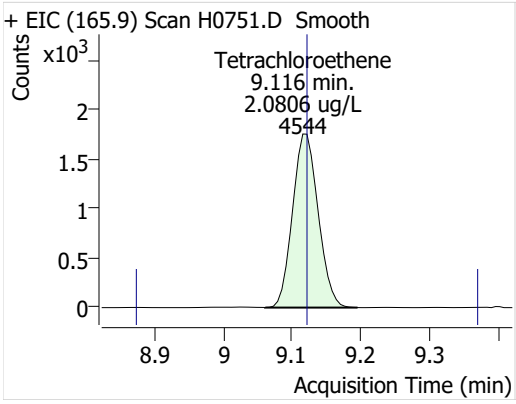


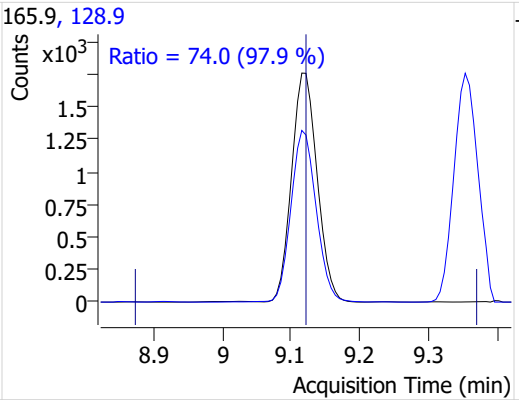


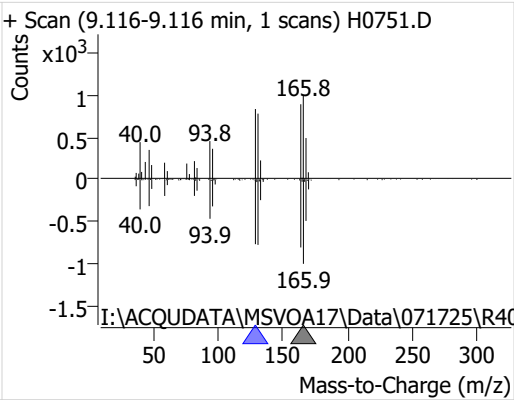


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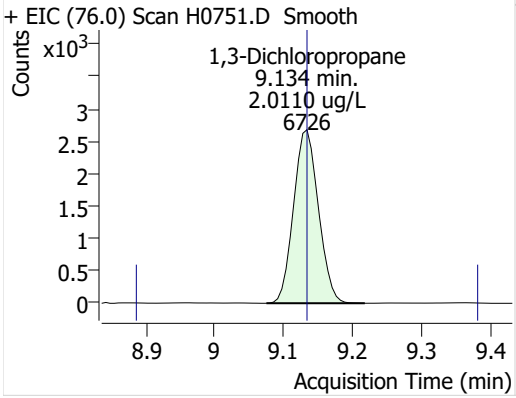
Tetrachloroethene

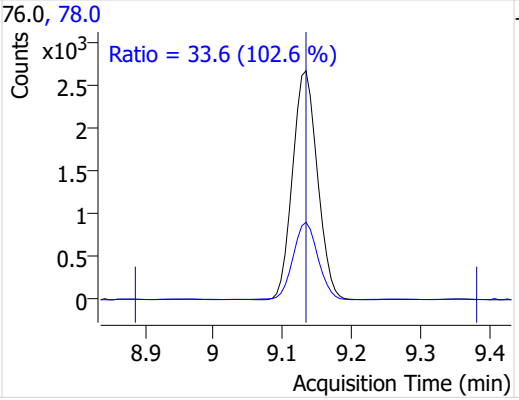


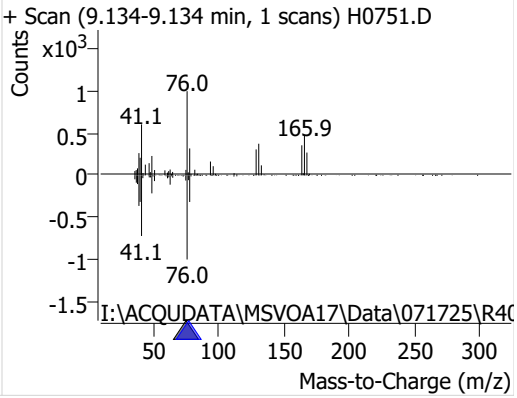




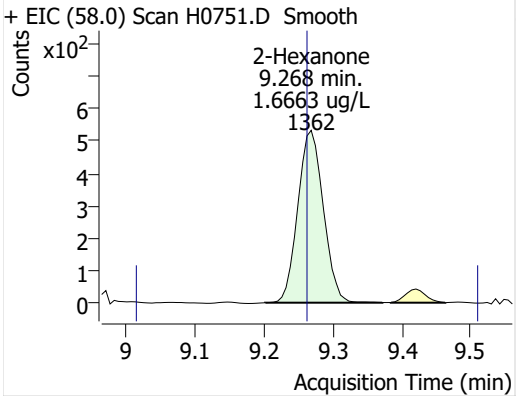
1,3-Dichloropropane

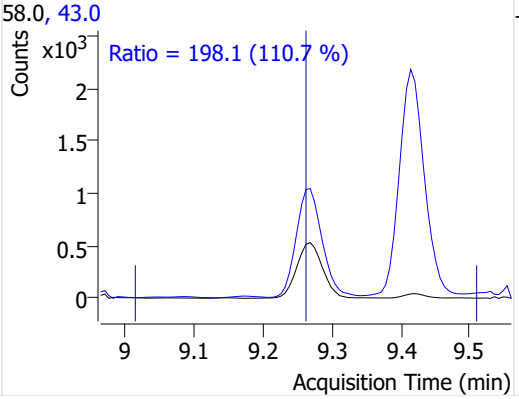


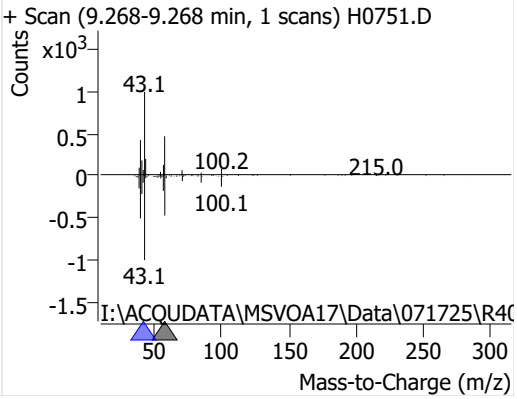




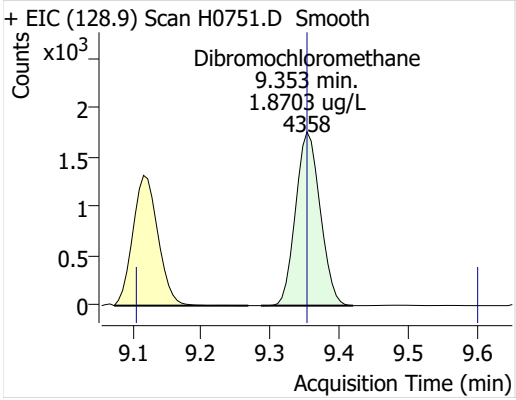
2-Hexanone

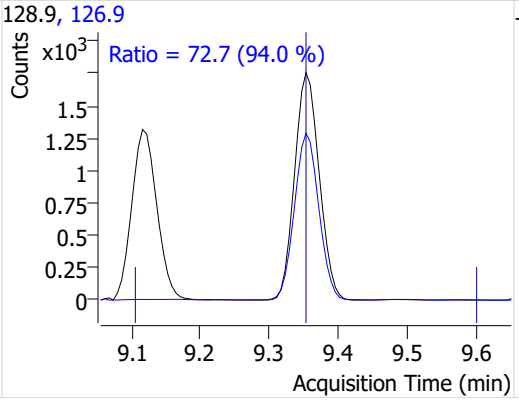


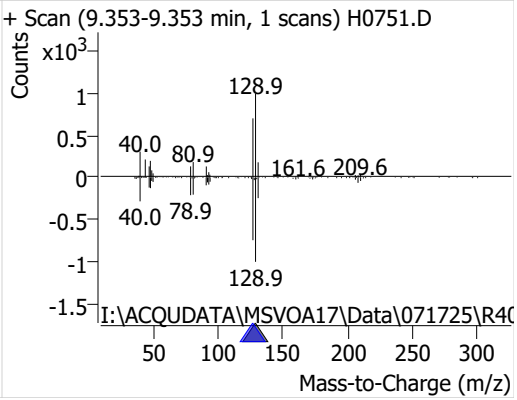




Dibromochloromethane

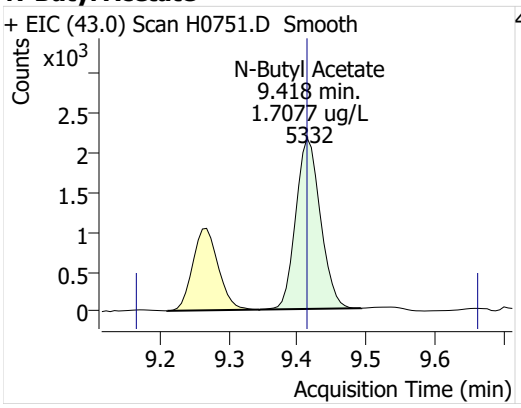


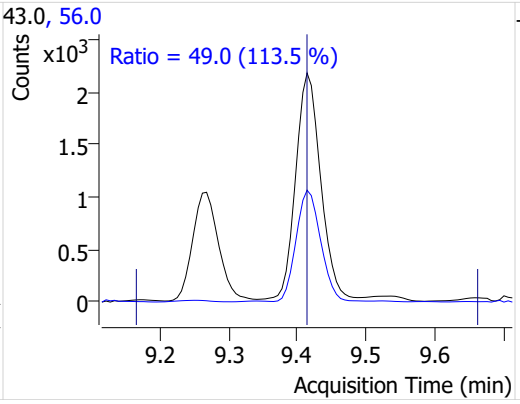


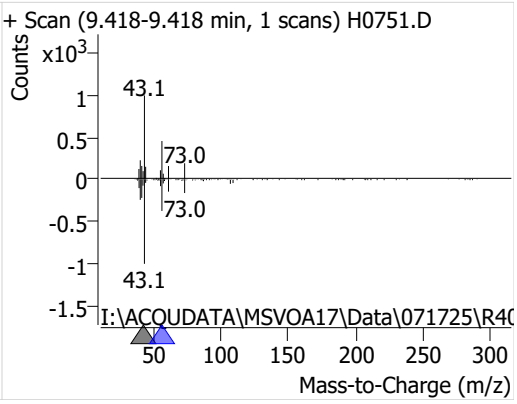


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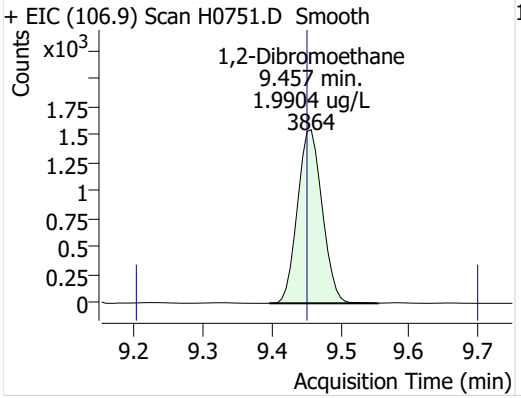
N-Butyl Acetate

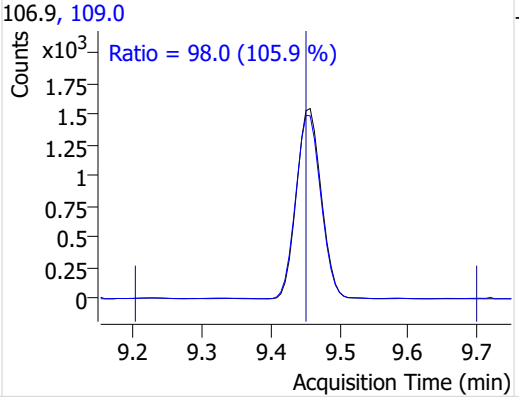


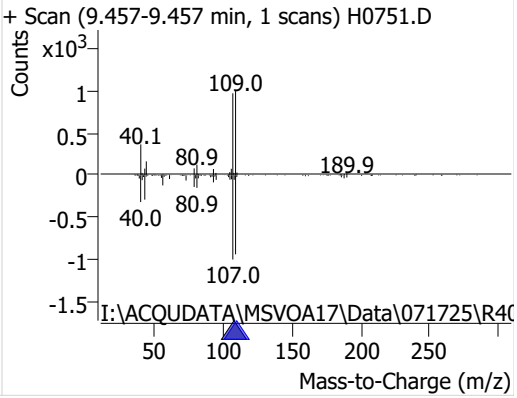




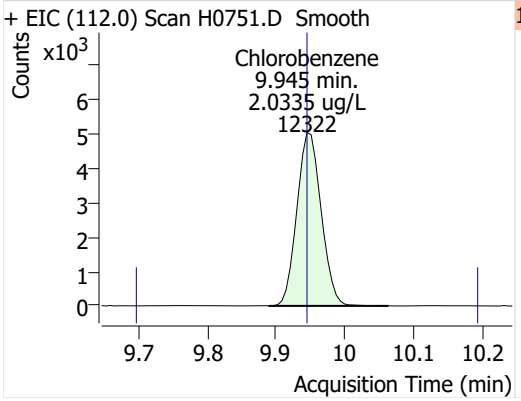
1,2-Dibromoethane

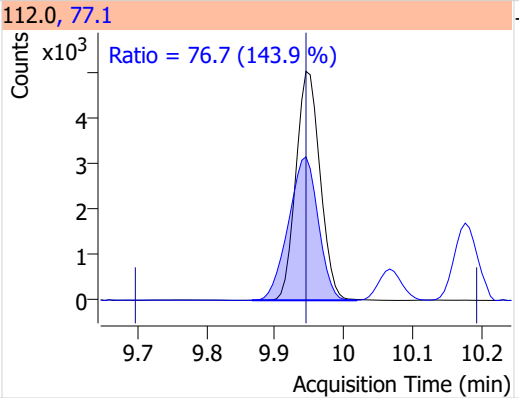


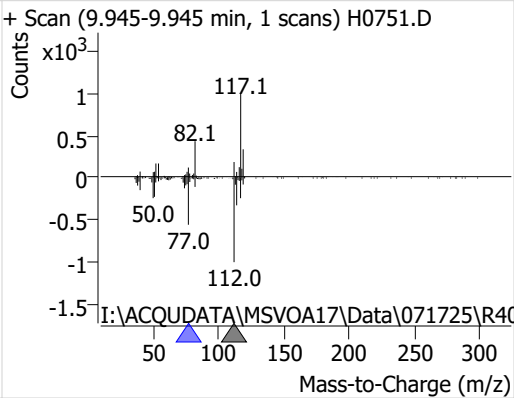




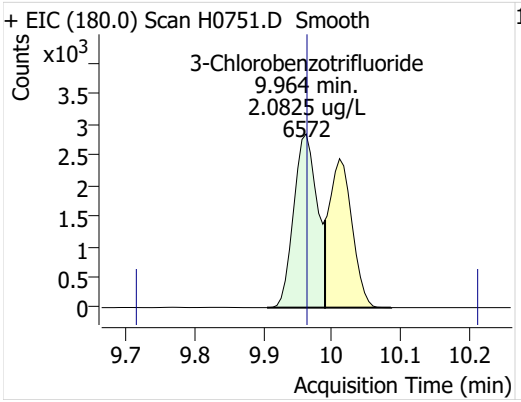
Chlorobenzene

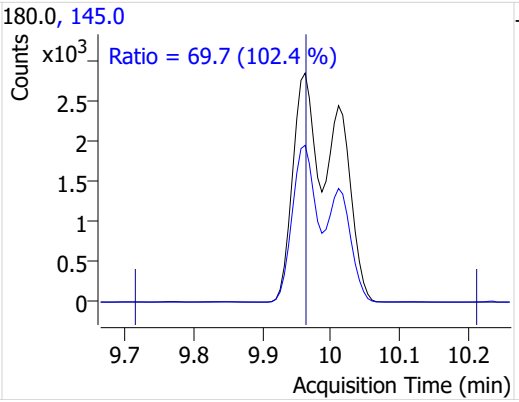


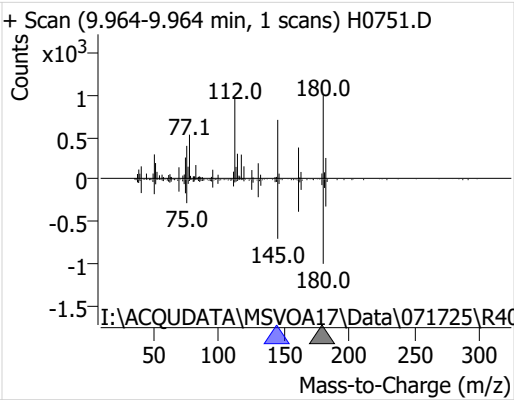




3-Chlorobenzotrifluoride

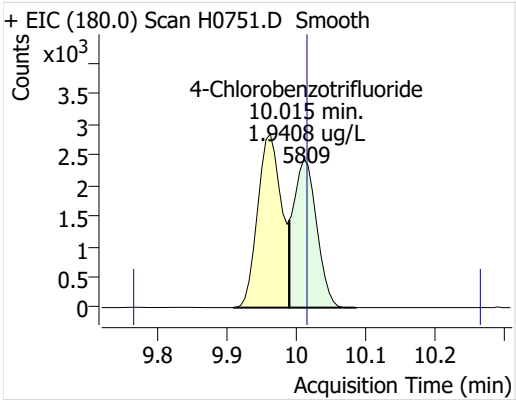


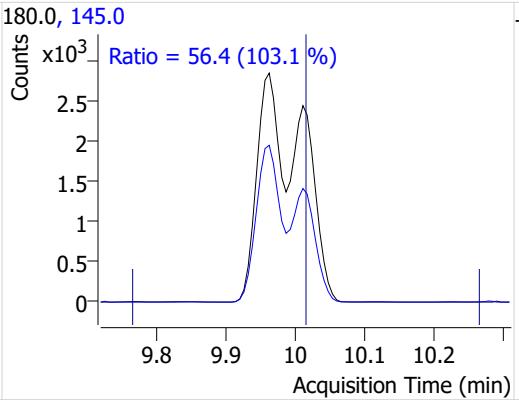


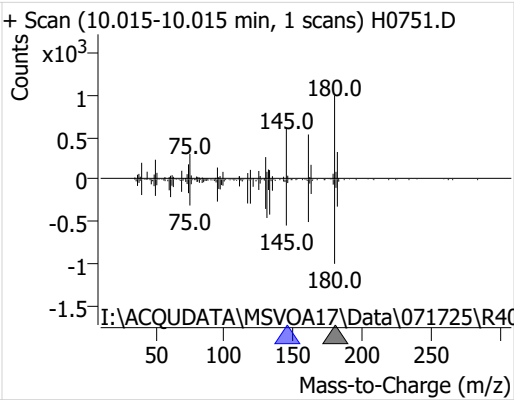


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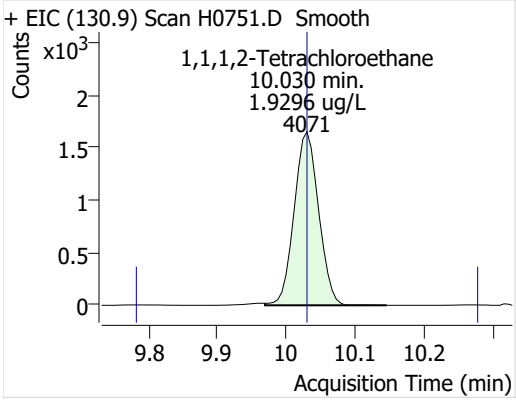
4-Chlorobenzotrifluoride

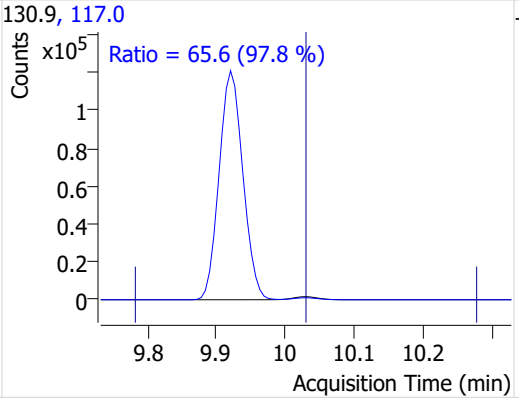


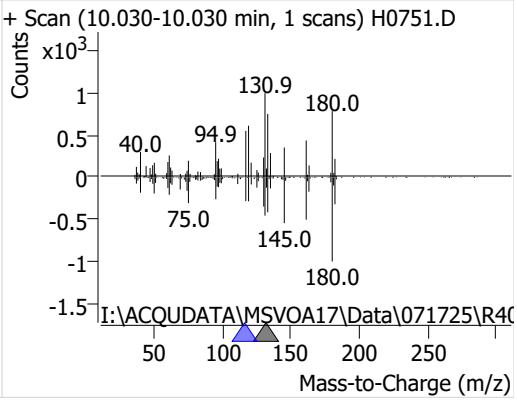




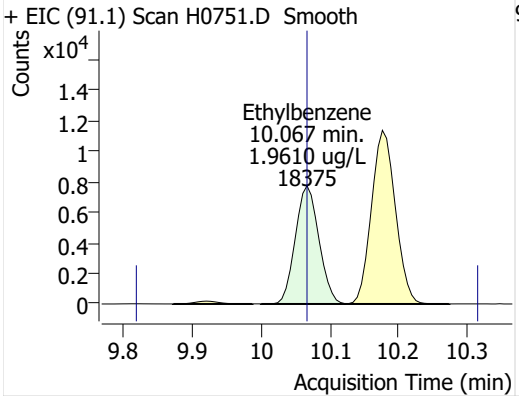
1,1,1,2-Tetrachloroethane

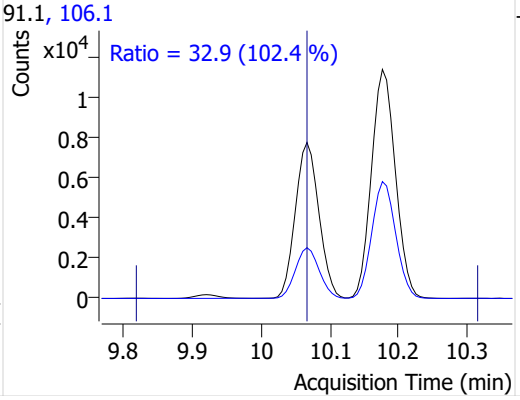


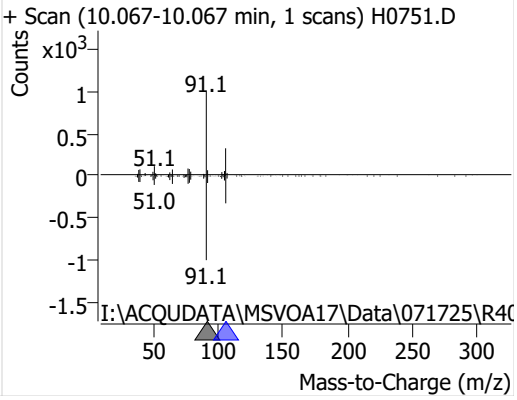




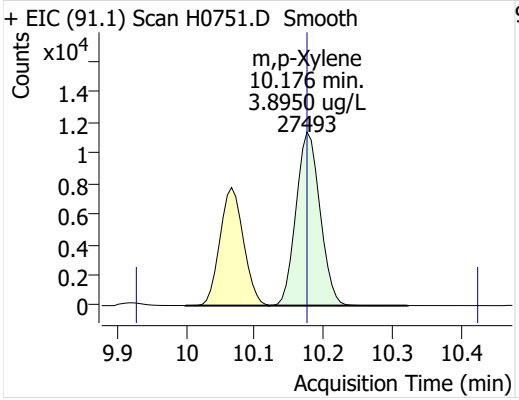
Ethylbenzene

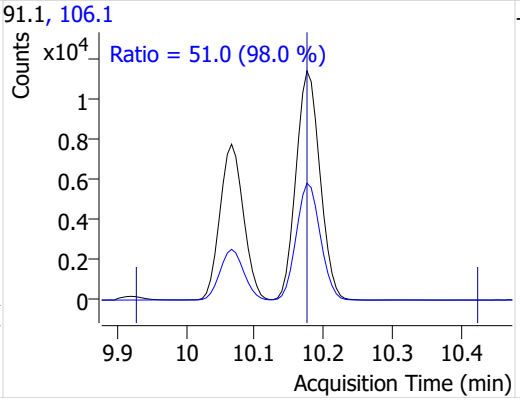


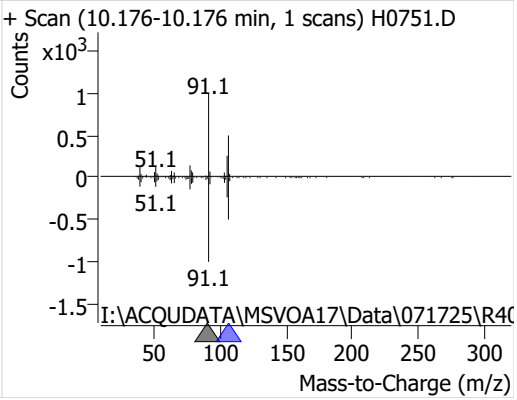




m,p-Xylene

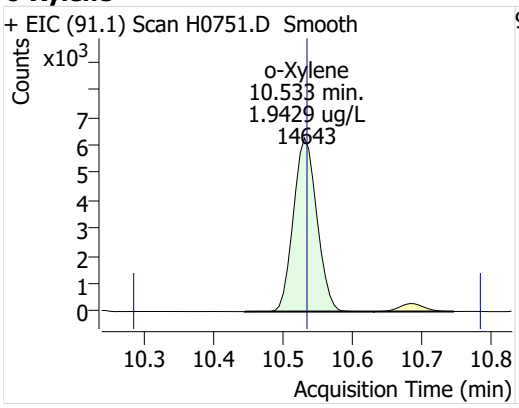


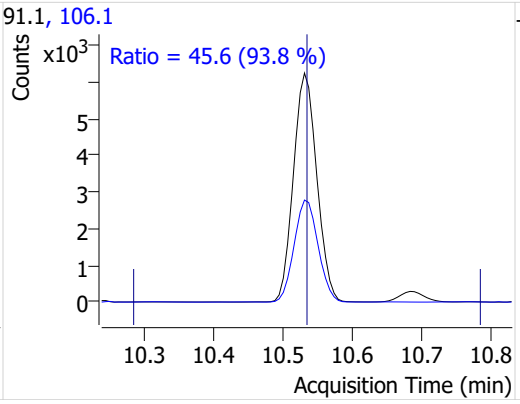


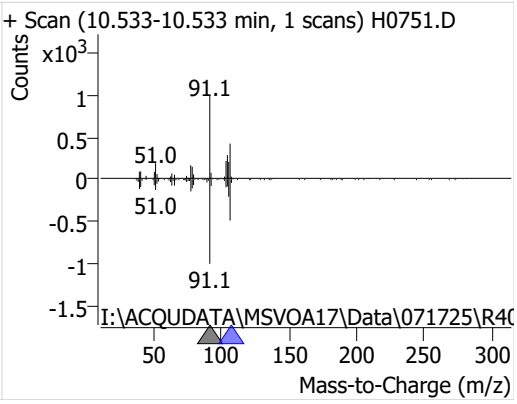


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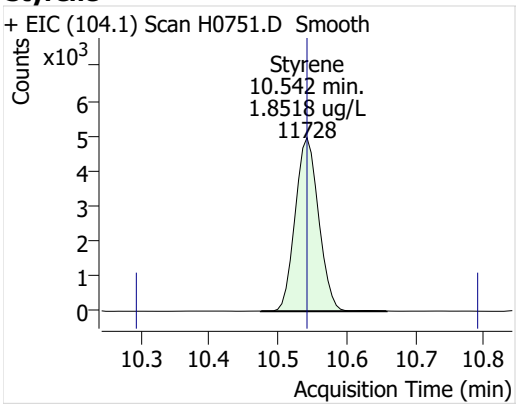
o-Xylene

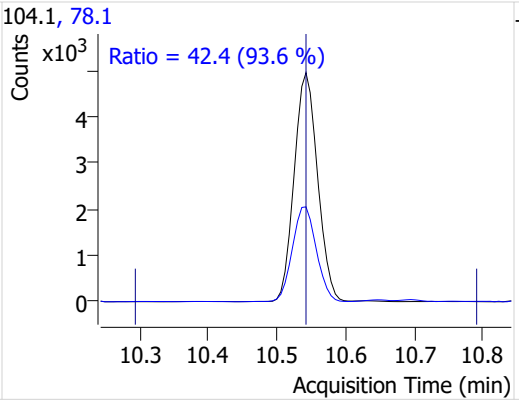


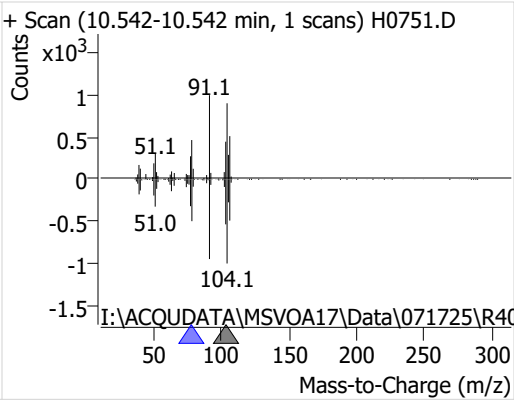




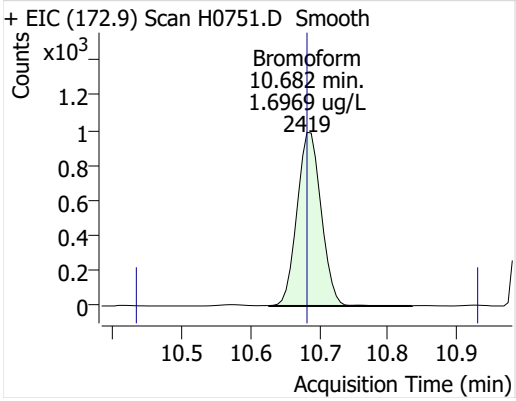
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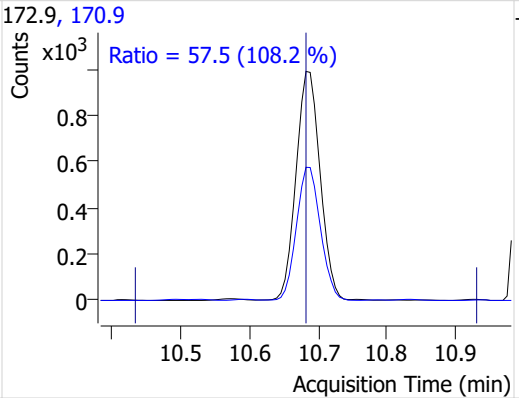


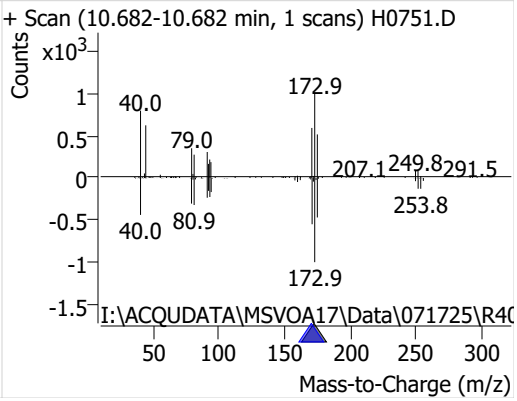




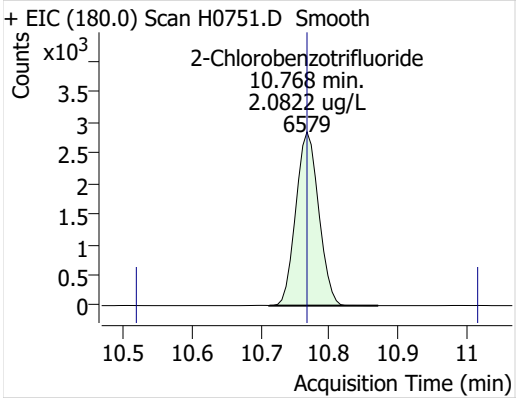
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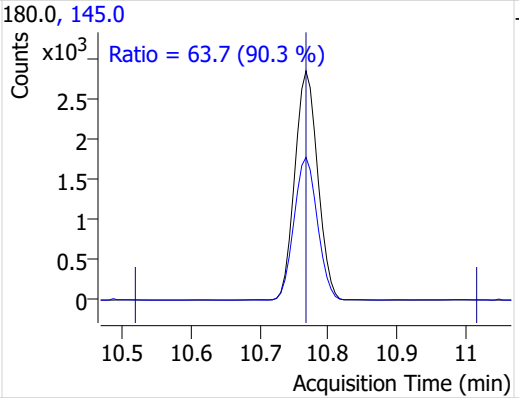


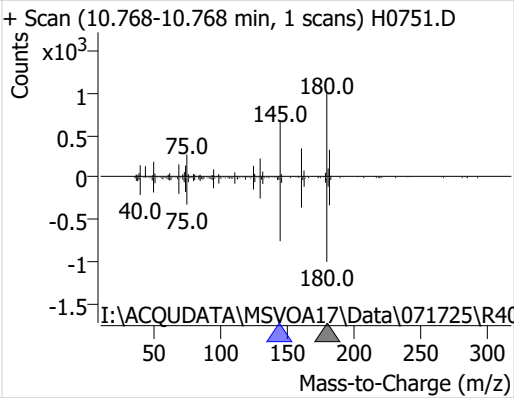




2-Chlorobenzotrifluoride

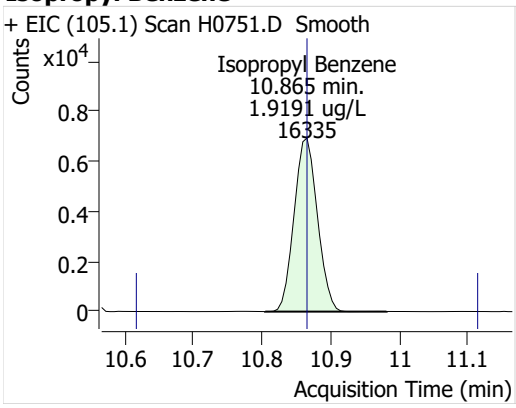


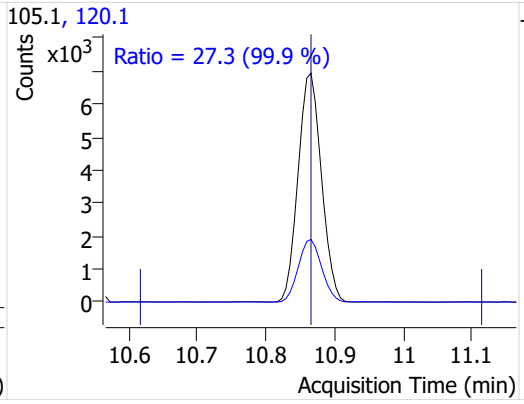


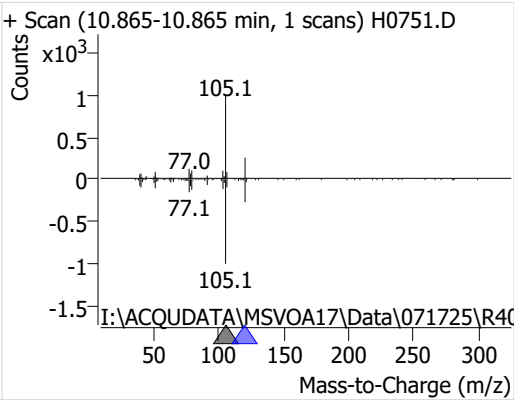


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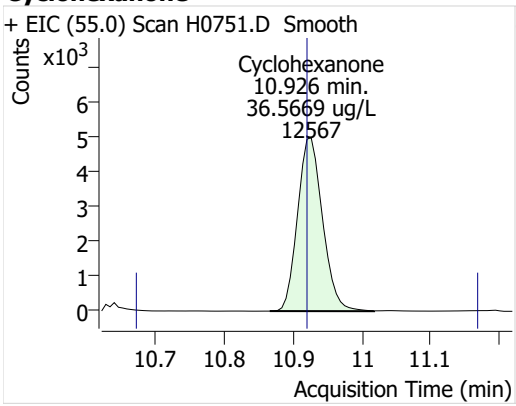
Isopropyl Benzene

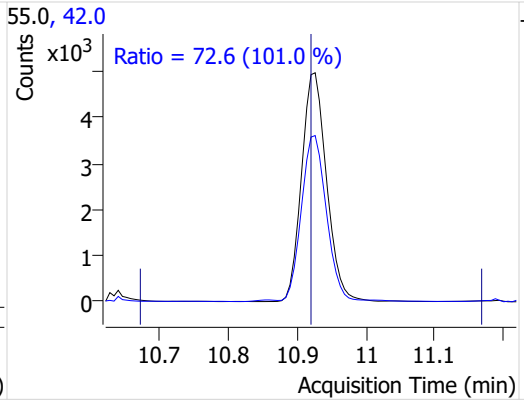


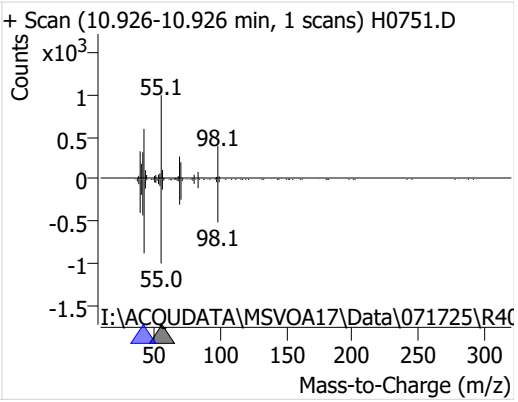




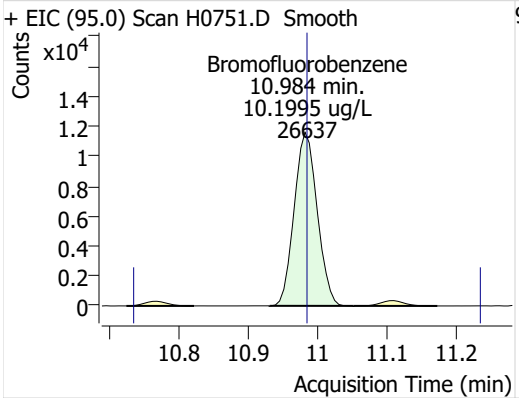
Cyclohexanone

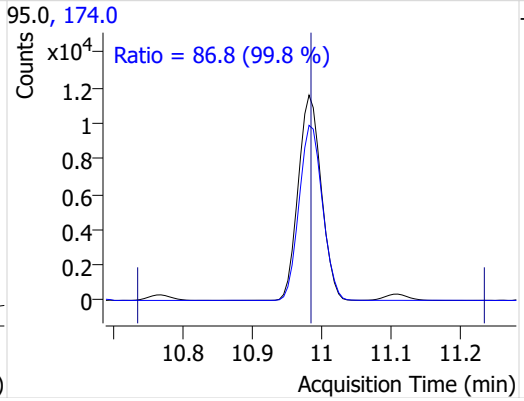


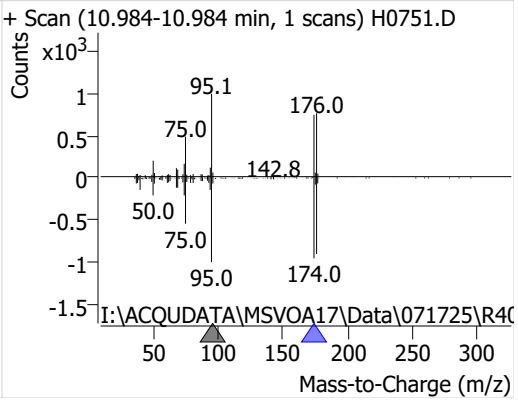




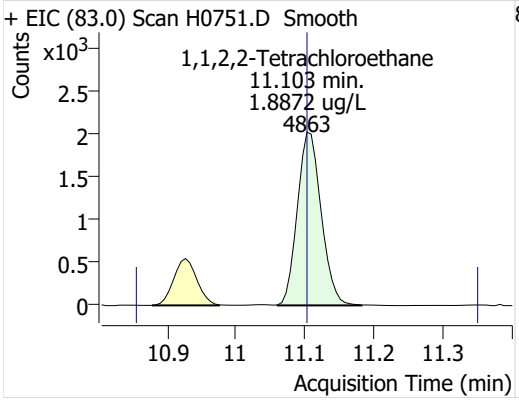
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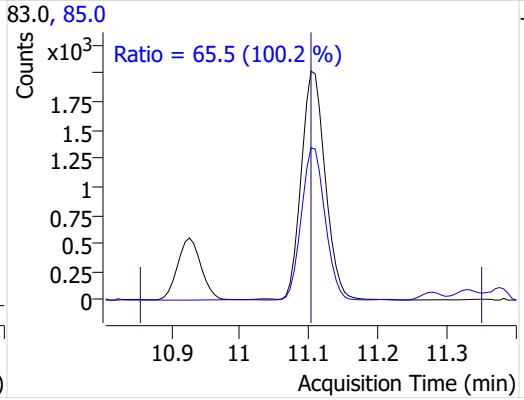


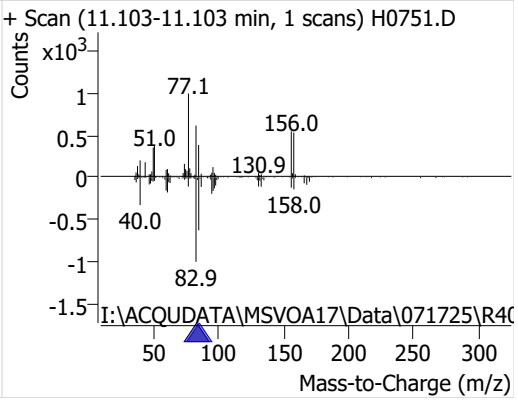




1,1,2,2-Tetrachloroethane

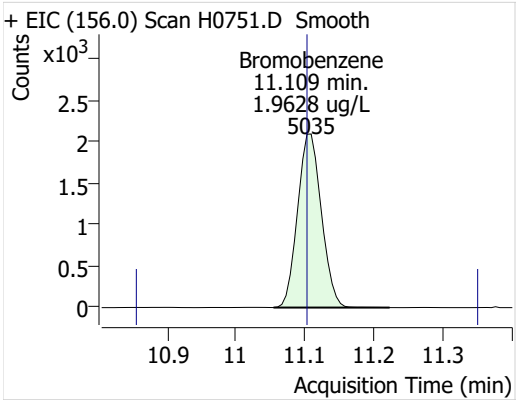


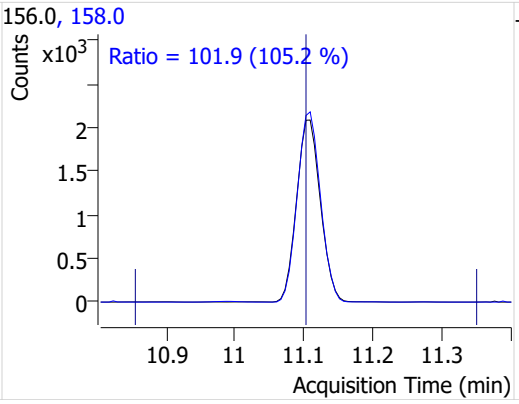


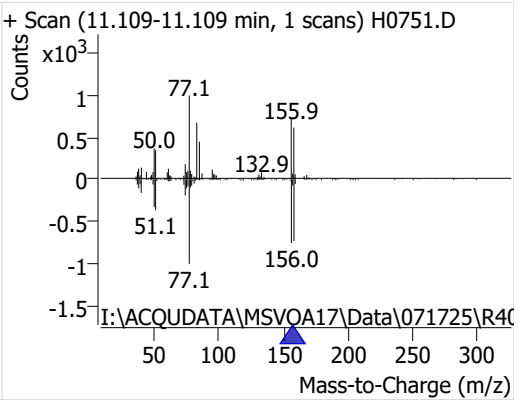


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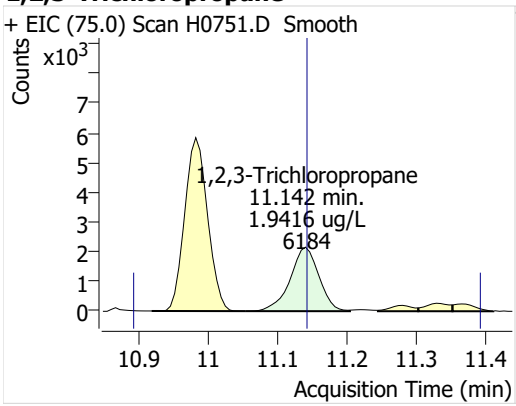
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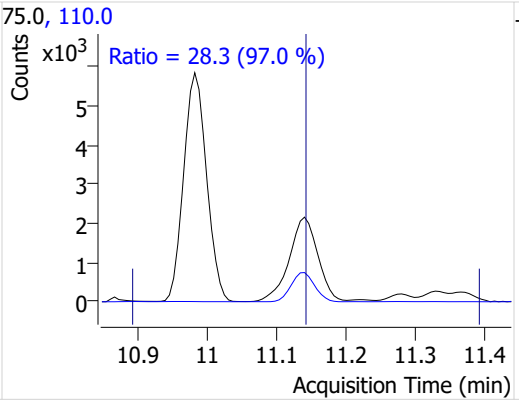


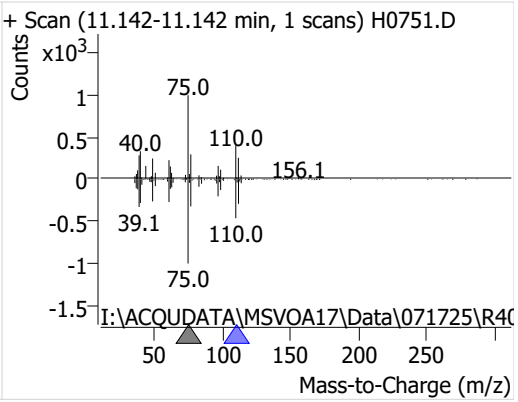




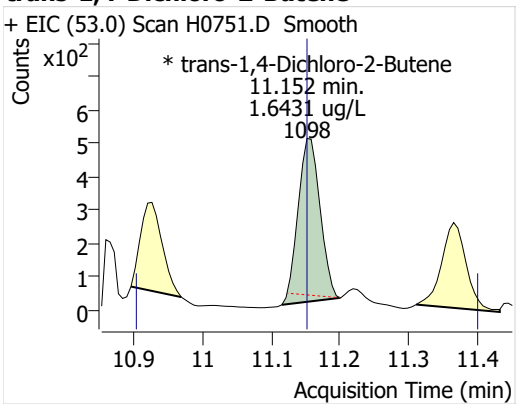
1,2,3-Trichloropropane

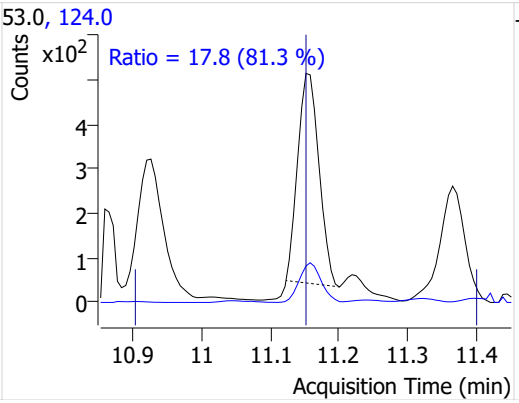


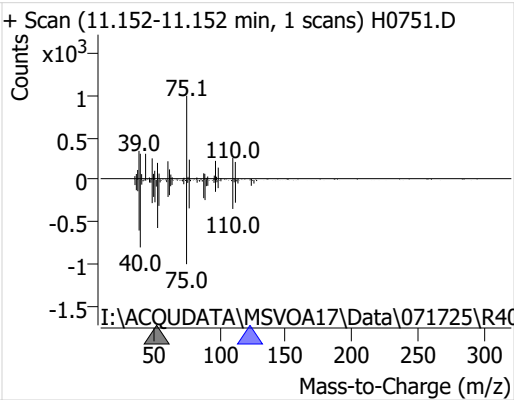




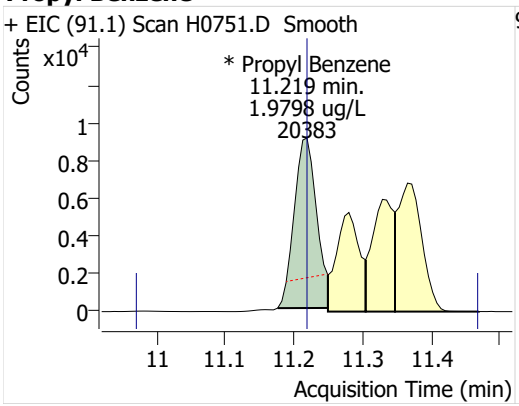
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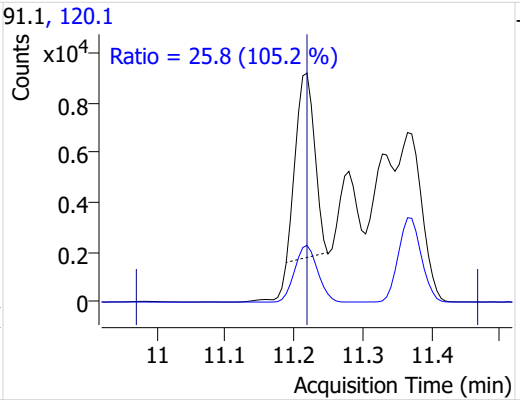


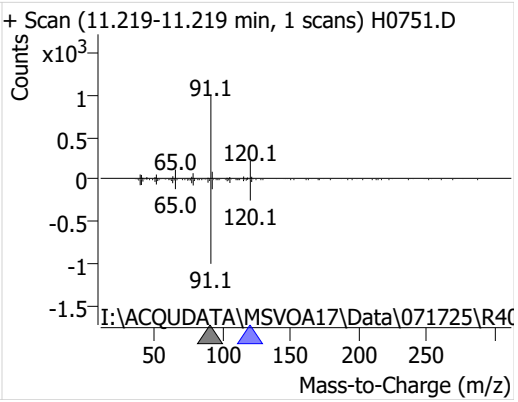




Propyl Benzene

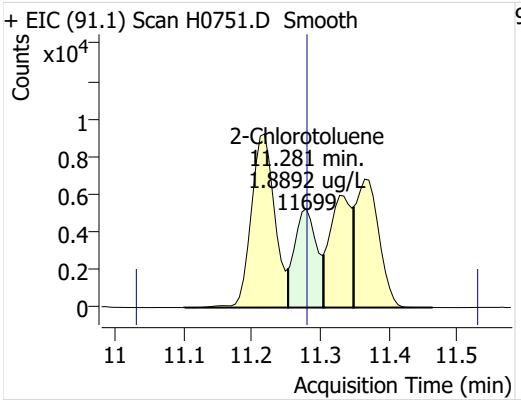


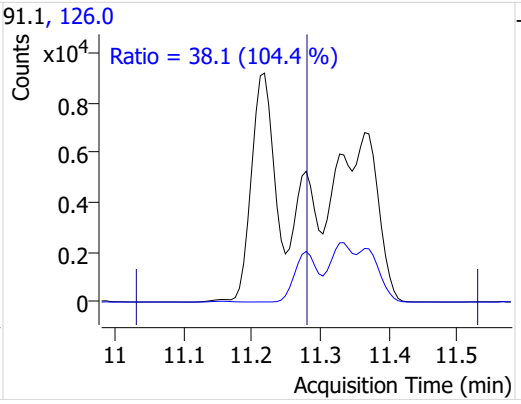


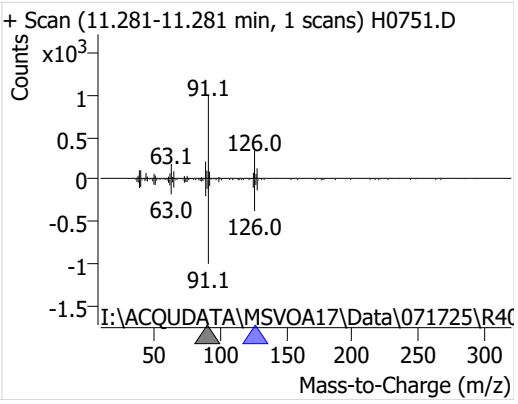


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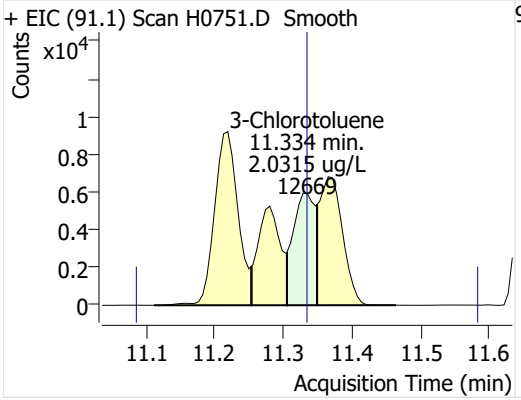
2-Chlorotoluene

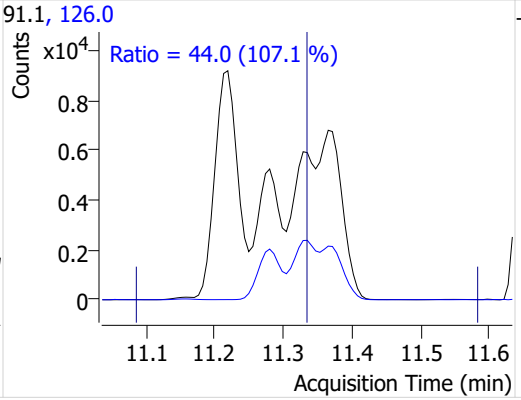


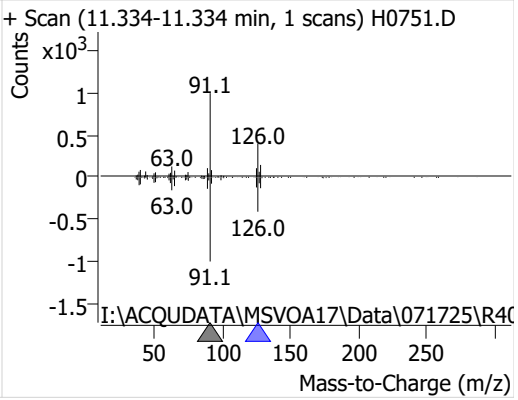




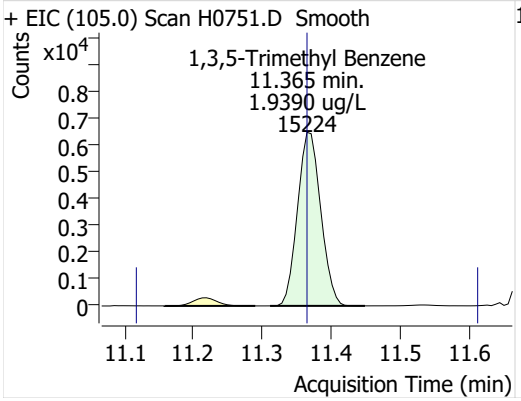
3-Chlorotoluene

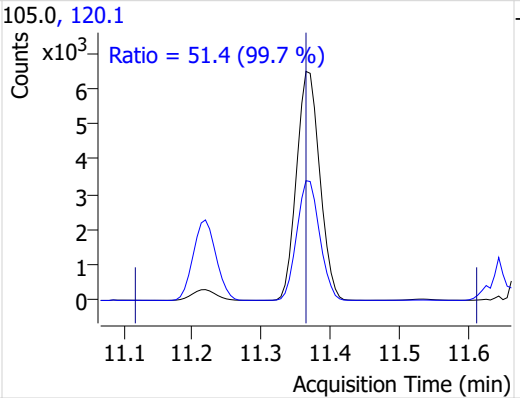


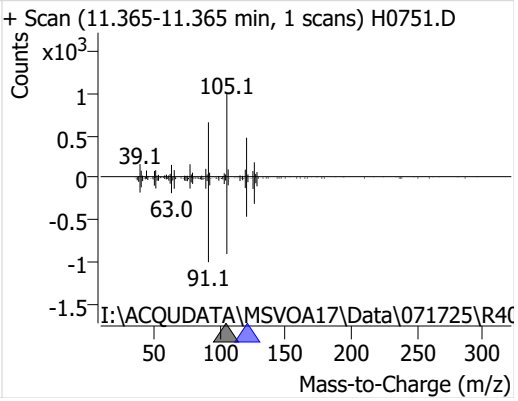




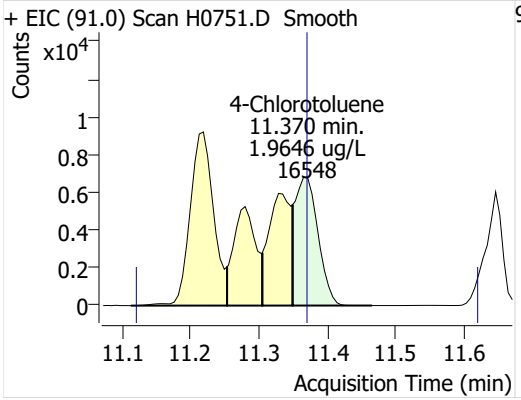
1,3,5-Trimethyl Benzene

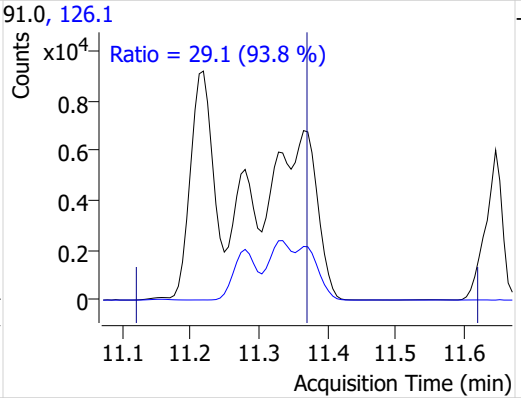


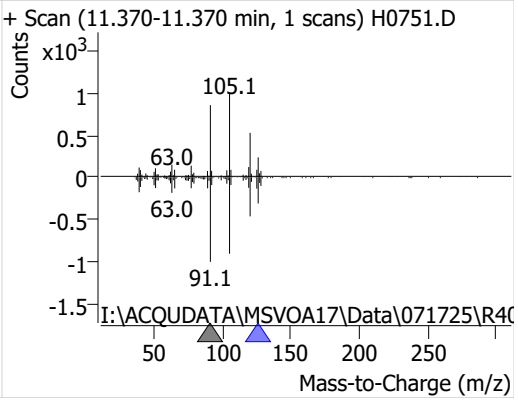




4-Chlorotoluene

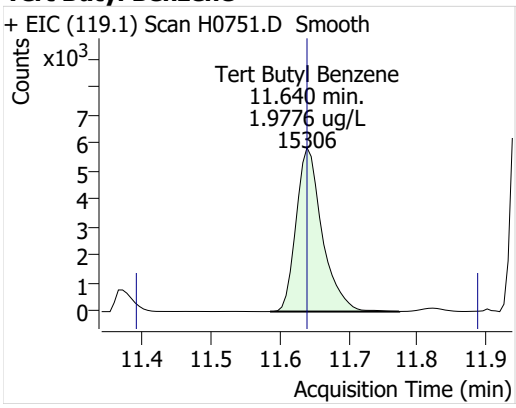


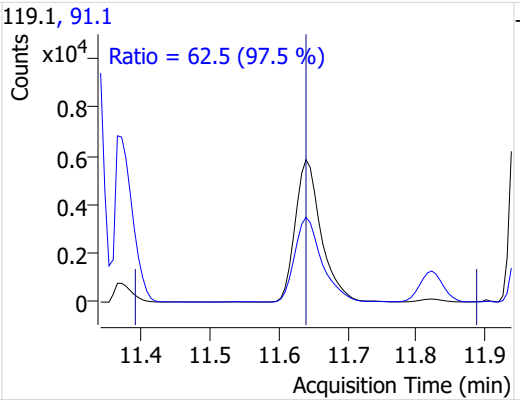


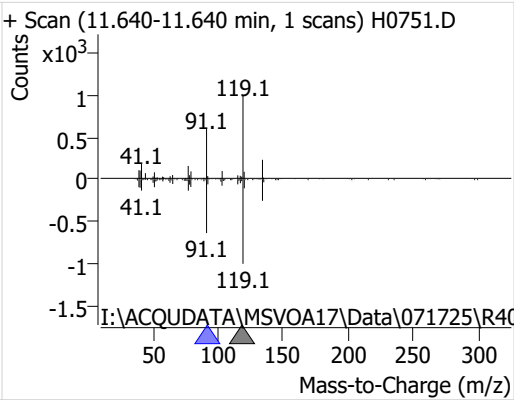


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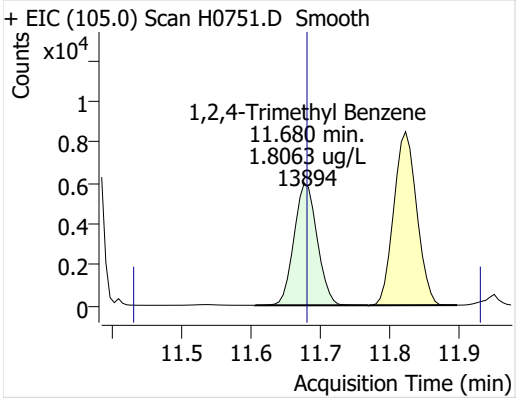
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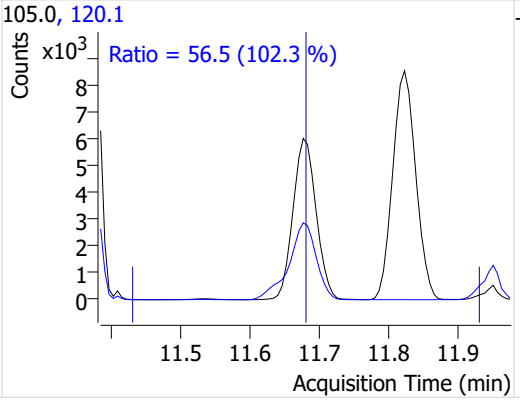


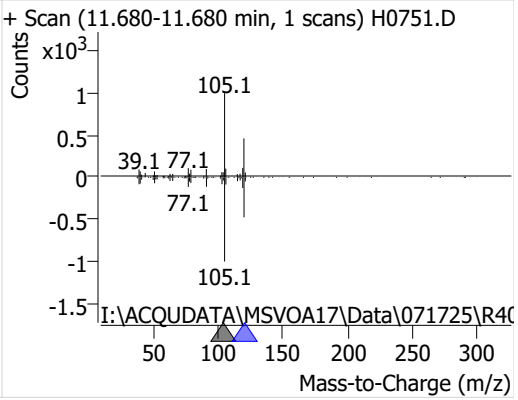




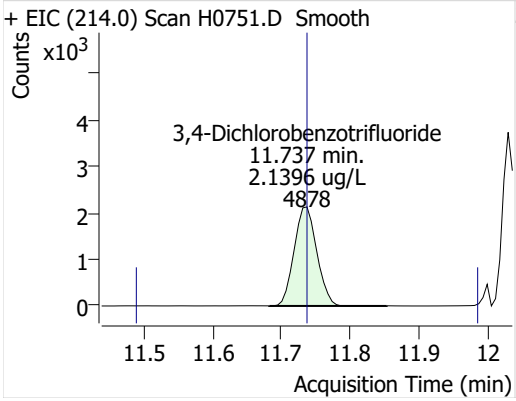
1,2,4-Trimethyl Benzene

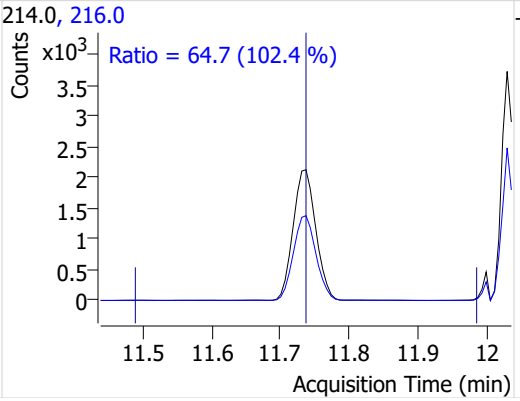


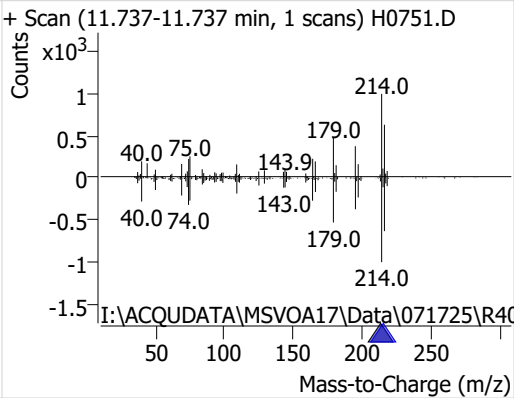




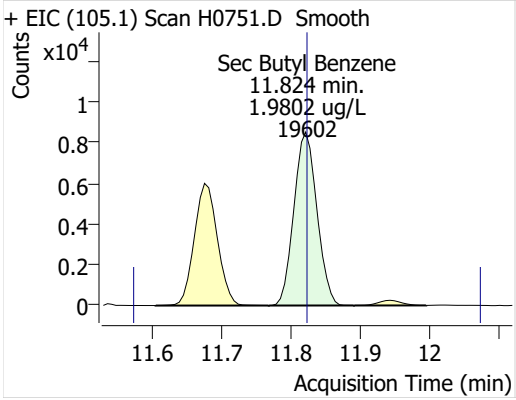
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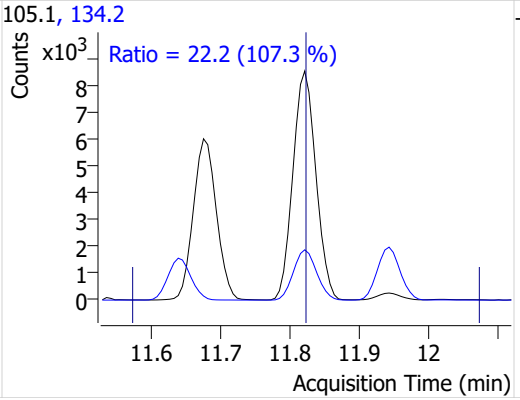


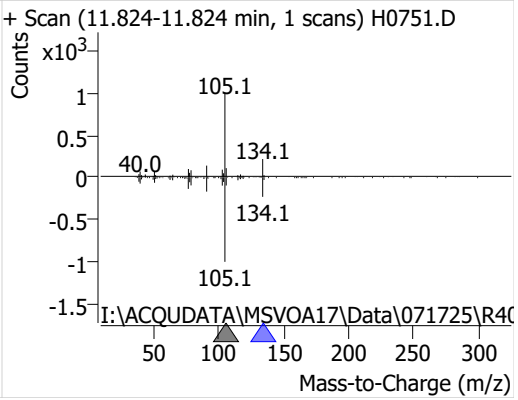




Sec Butyl Benzene

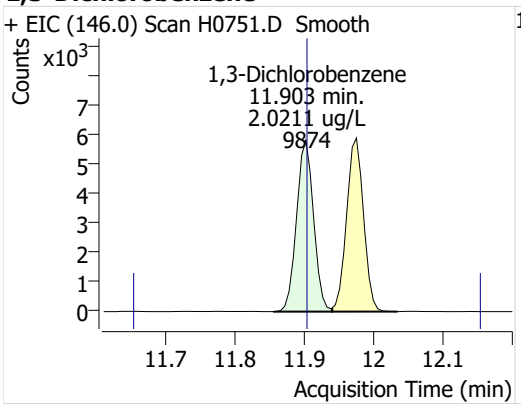


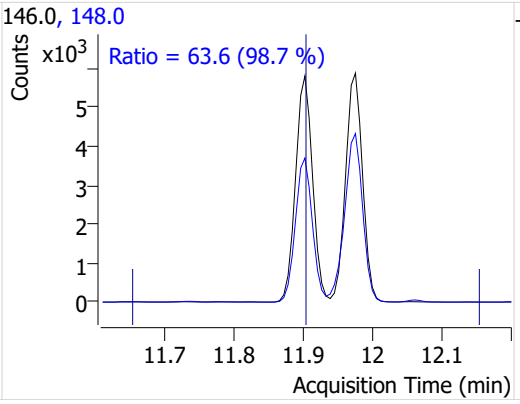


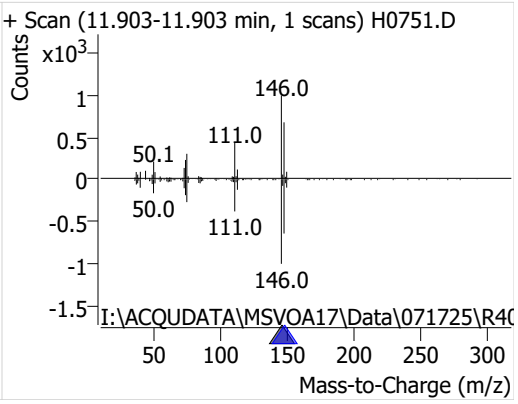


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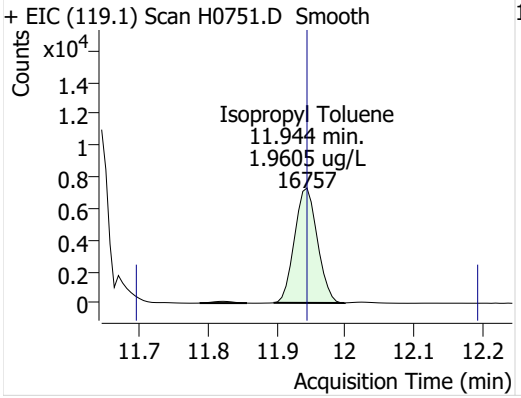
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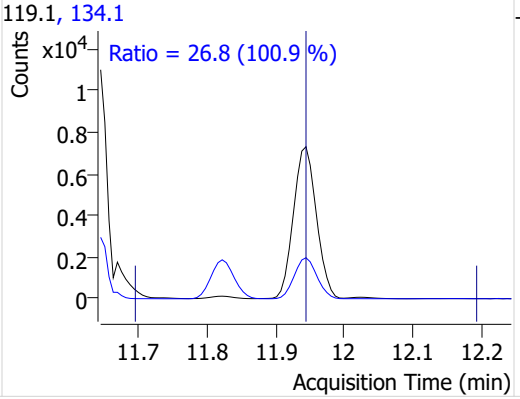


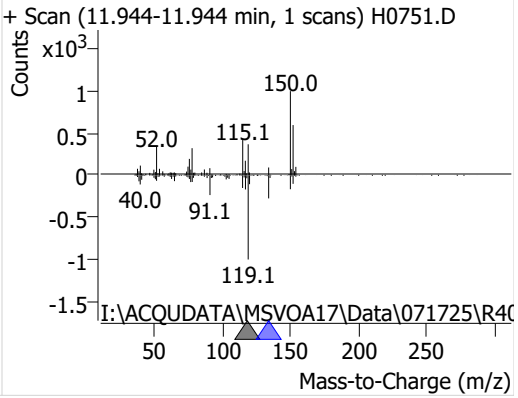




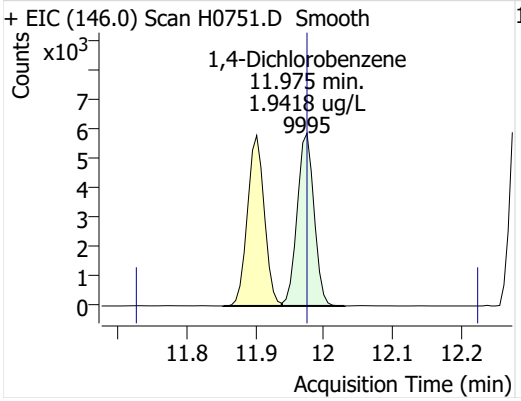
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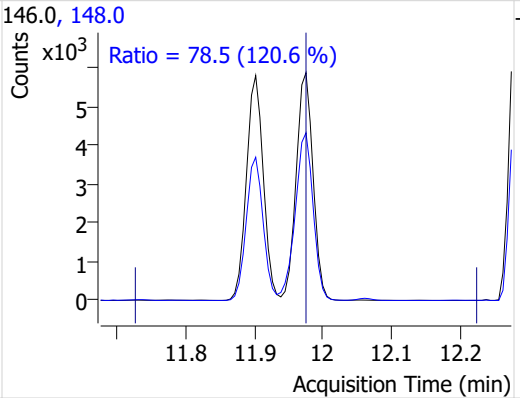


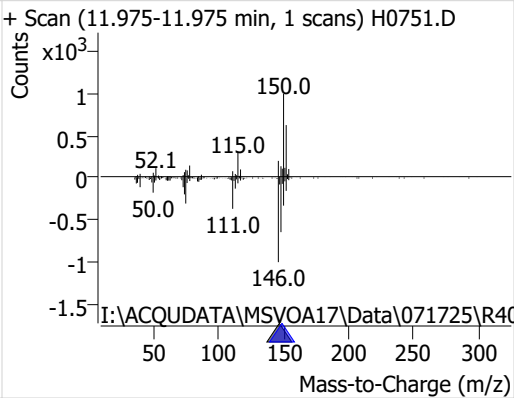




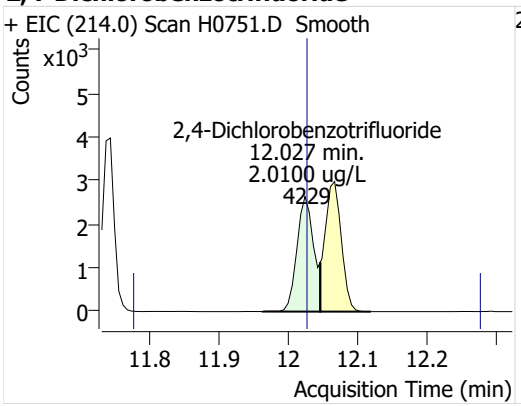
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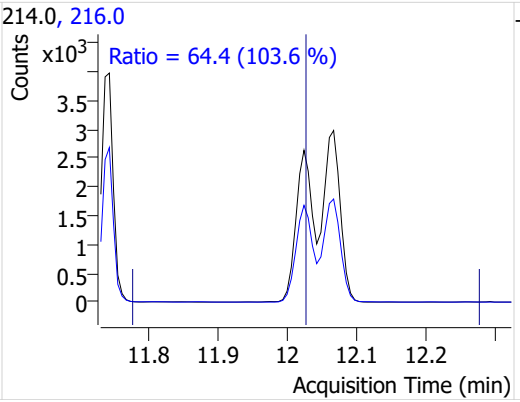


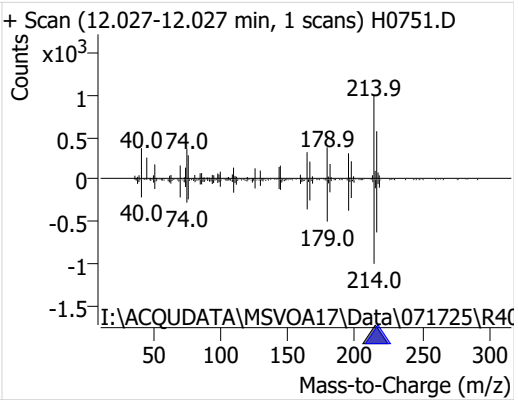




2,4-Dichlorobenzotrifluoride

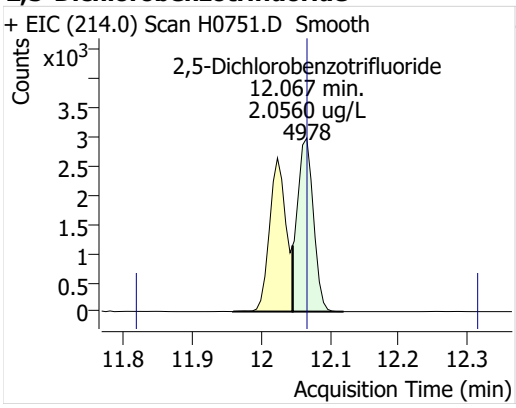


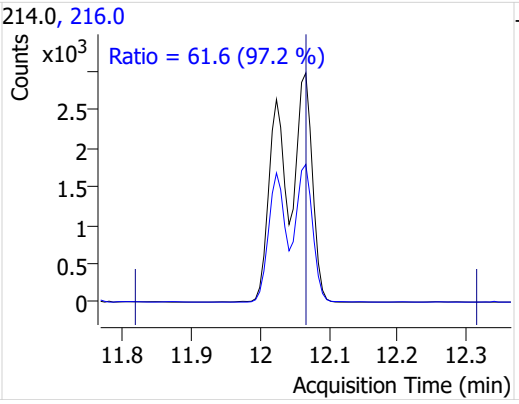


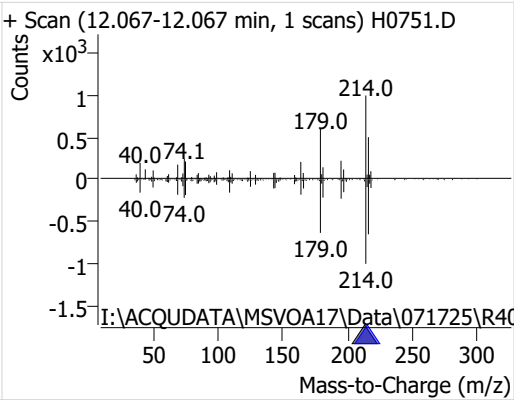


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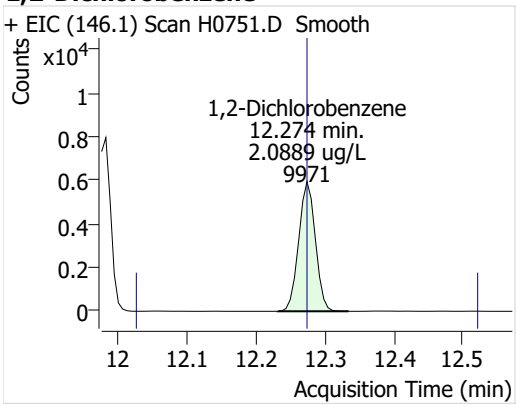
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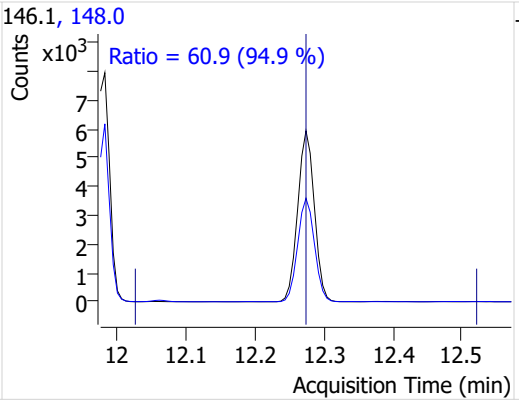


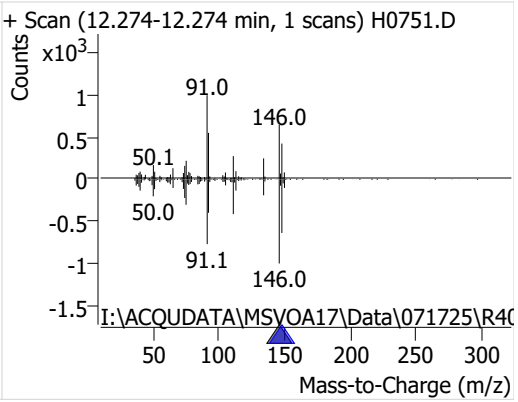




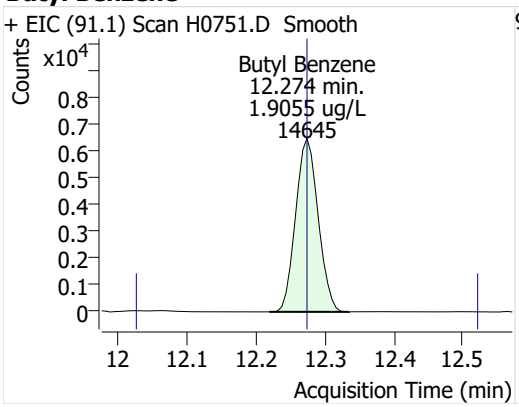
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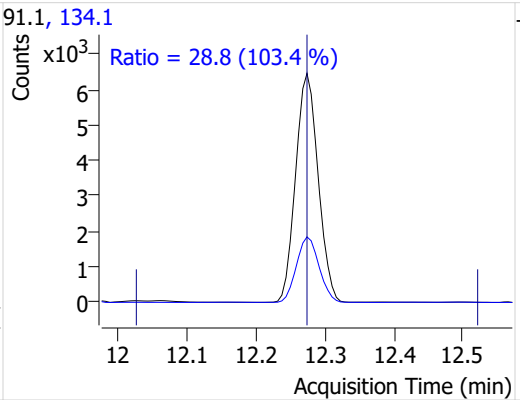


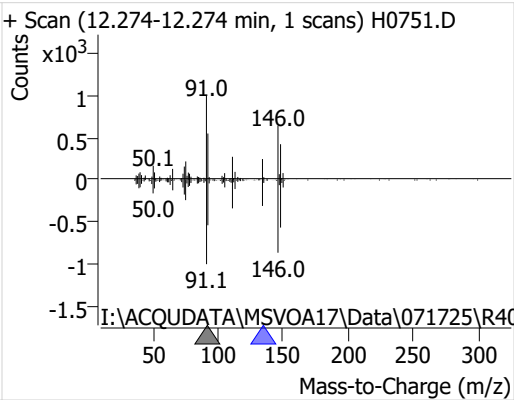




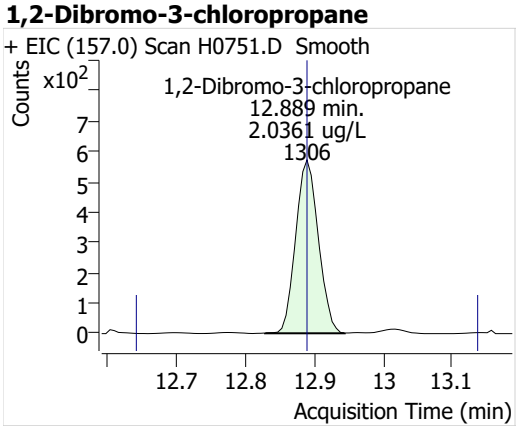
Butyl Benzene

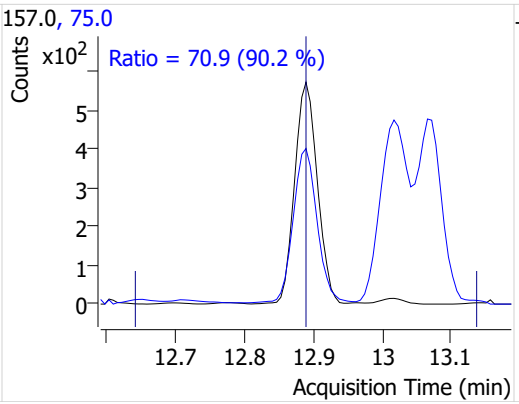


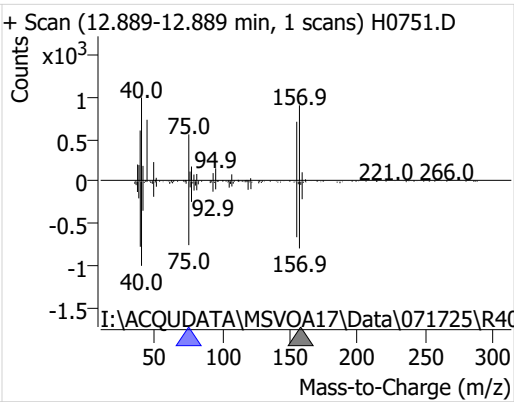




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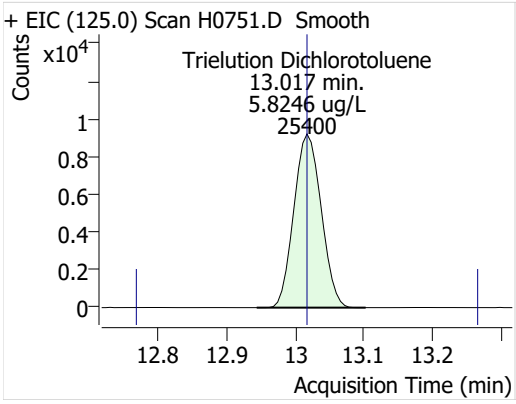


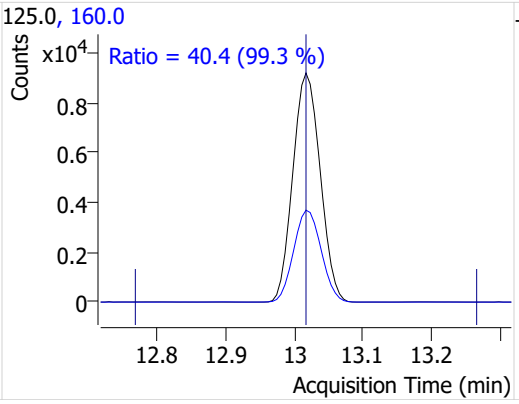


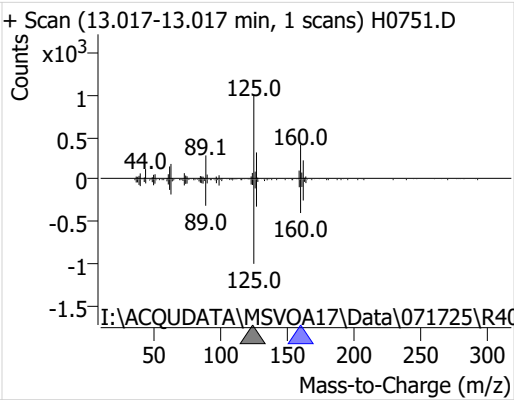


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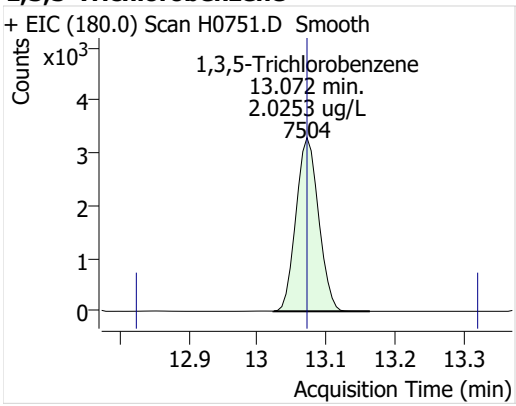
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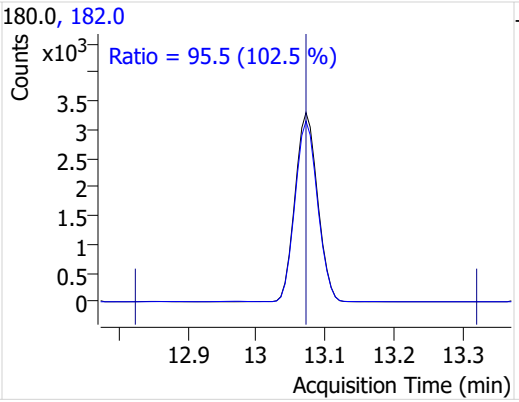


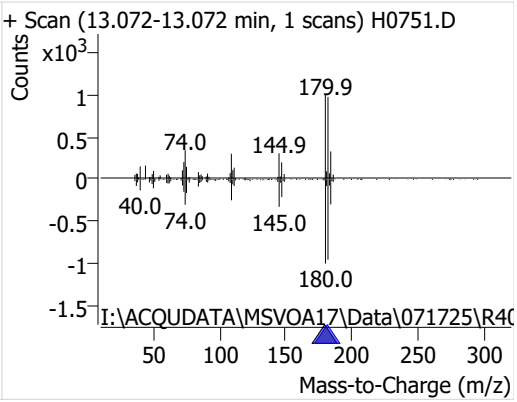




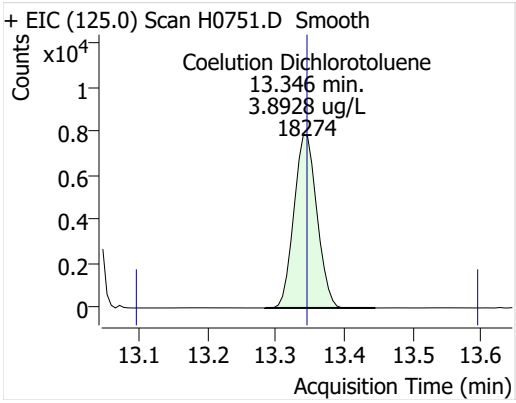
1,3,5-Trichlorobenzene

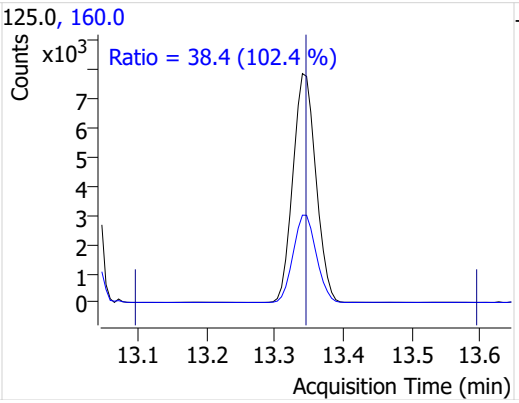


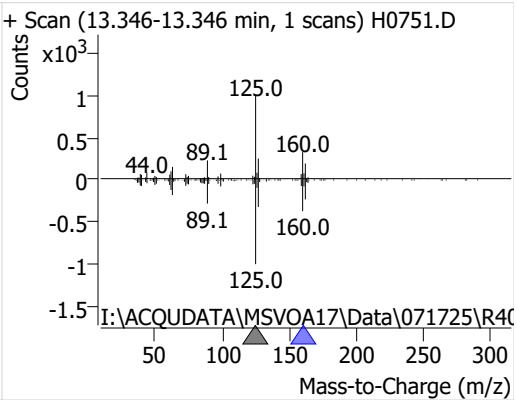




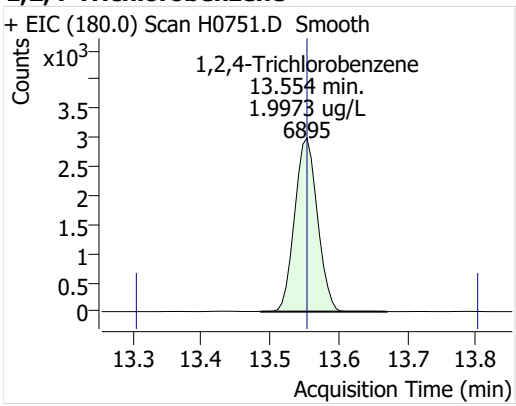
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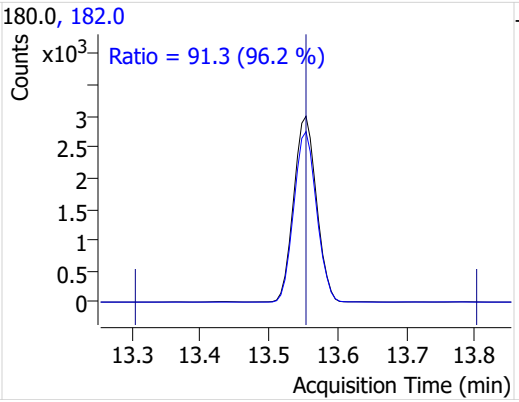


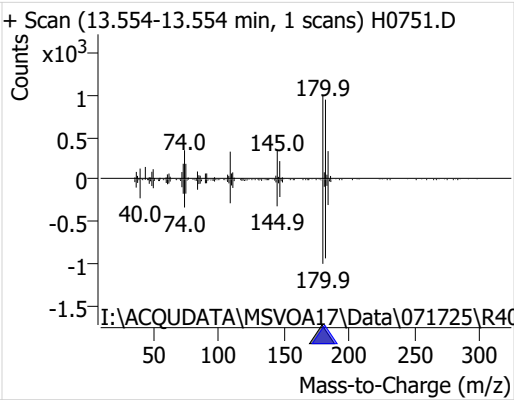




1,2,4-Trichlorobenzene

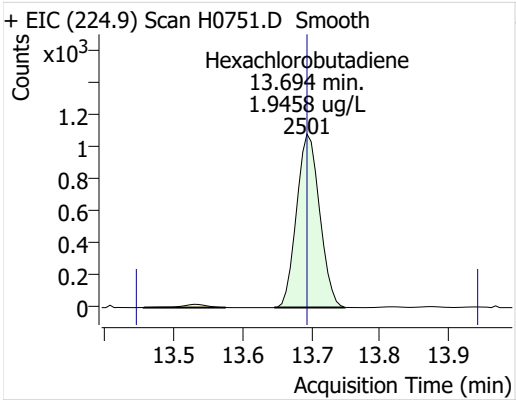


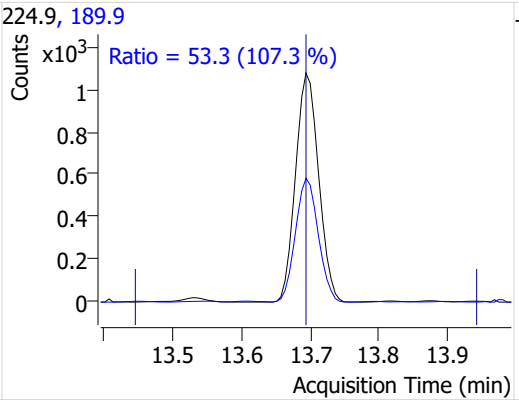


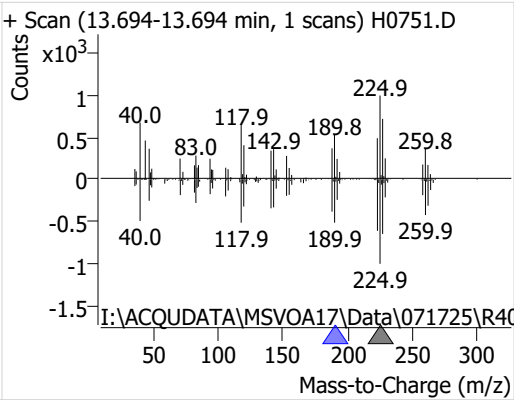


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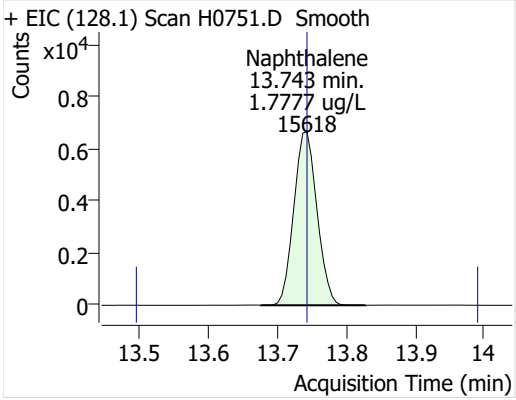
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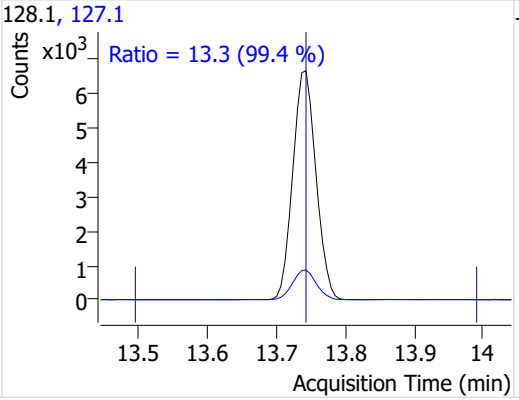


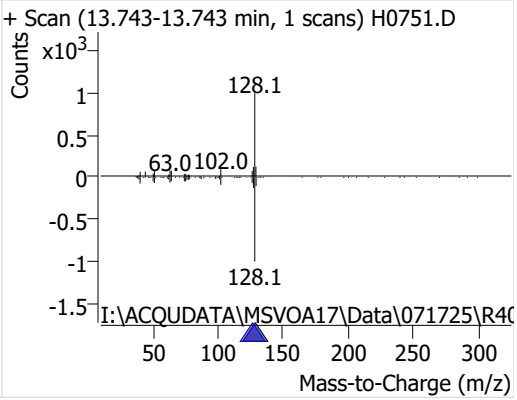




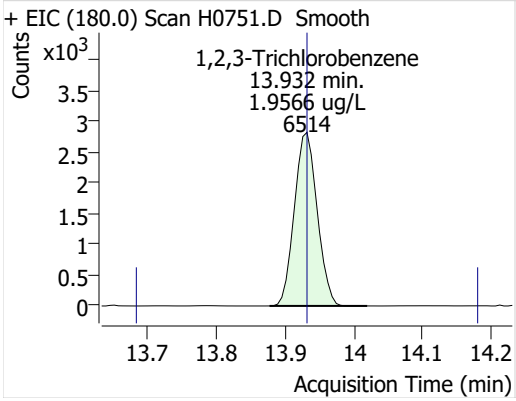
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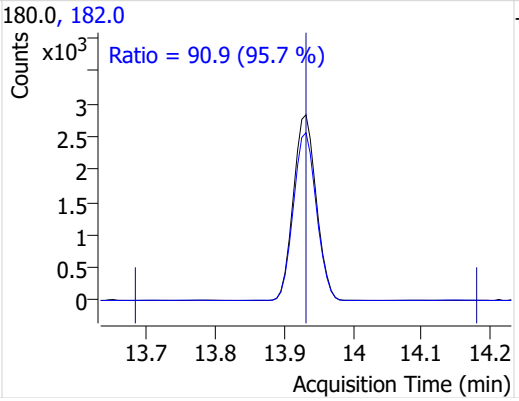


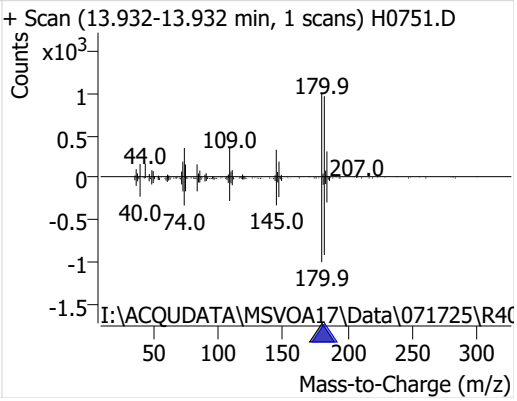




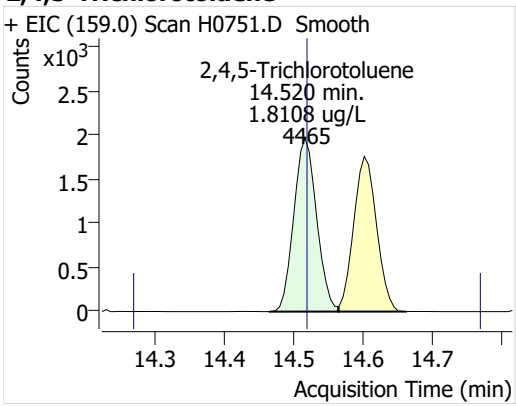
1,2,3-Trichlorobenzene

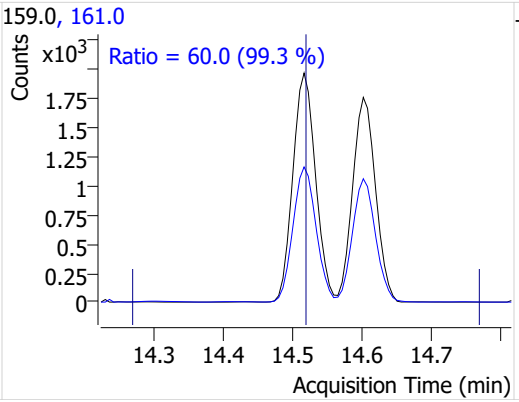


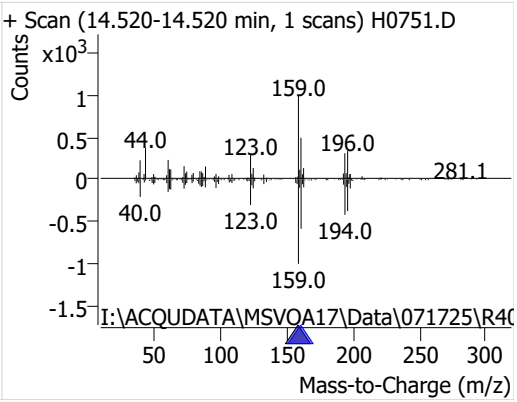




2,4,5-Trichlorotoluene

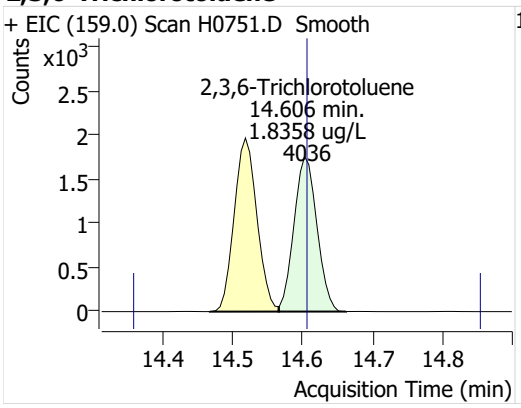


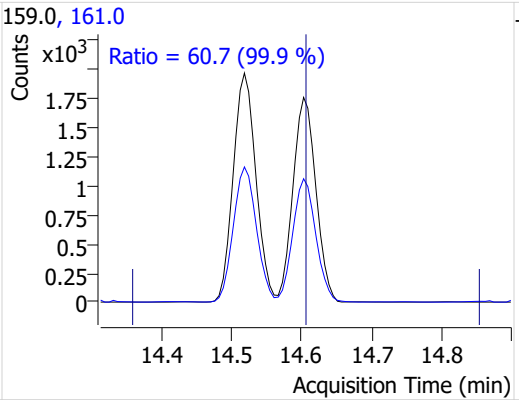


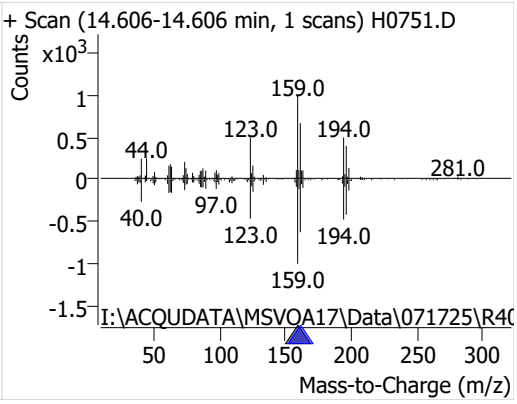


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





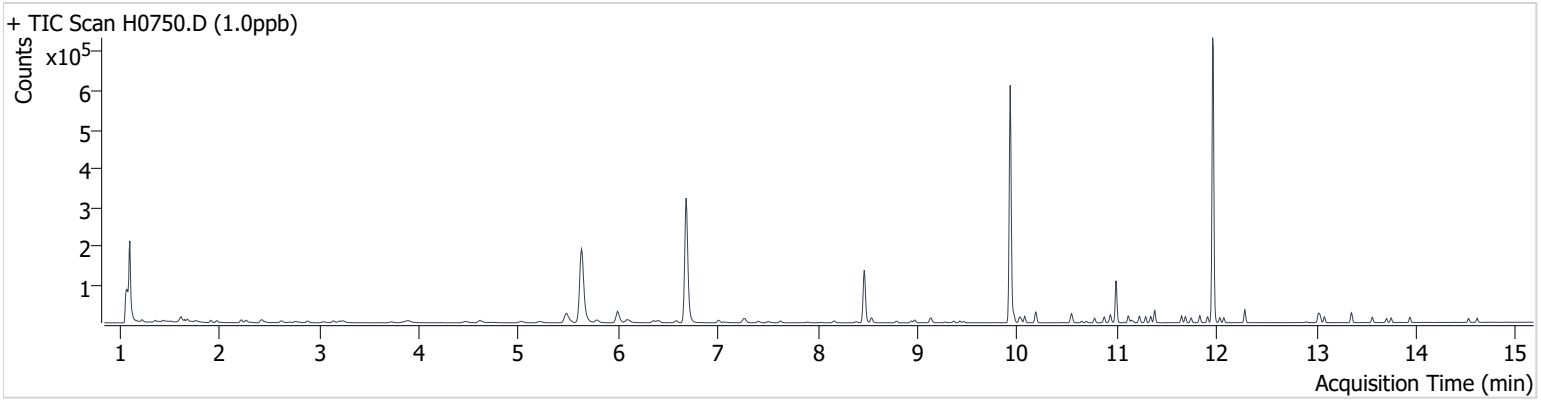


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0750.D

Acq. Date-Time	9/8/2025 3:16:37 PM	**Name**	1.0ppb
Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	200230	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	325205	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	285794	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	155002	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	22753	10.8525	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	89083	10.9933	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	26722	10.7143	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	26442	10.9269	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	2448	0.9972	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	2674	1.0969	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.000	2632	1.1785	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	2771	1.0595	ug/L
Bromomethane	94.000	0.298	0.001	1.675	0.005	2968	1.1450	ug/L
Chloroethane	64.000	0.312	0.000	1.757	0.002	2331	1.2167	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.000	4522	1.1466	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	3846	1.0771	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.001	2584	1.2140	ug/L
Diethyl Ether	59.000	0.395	0.001	2.219	0.004	1857	1.0131	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	3604	1.1264	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.001	646	5.0070	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	3385	1.0447	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	2477	1.1114	ug/L
Acetone	43.000	0.438	0.001	2.460	0.004	1504	1.6791	ug/L
Iodomethane	142.000	0.454	0.001	2.551	0.004	704	2.3075	ug/L
2-Propanol	45.000	0.464	0.001	2.609	0.006	2715	20.6925	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	6071	1.1184	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	4074 LT	5.5905	ug/L
Methyl Acetate	43.000	0.497	0.001	2.793	0.006	2141	1.2054	ug/L

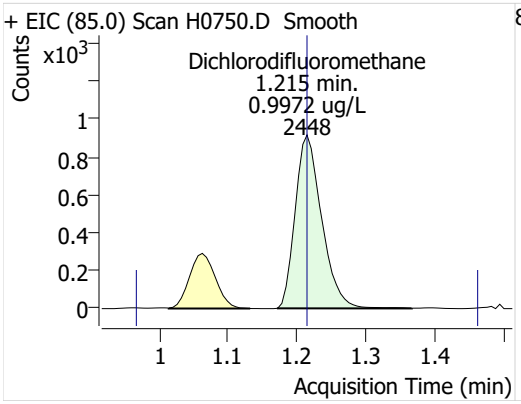
Masshunter Quantitative Analysis Sample Report

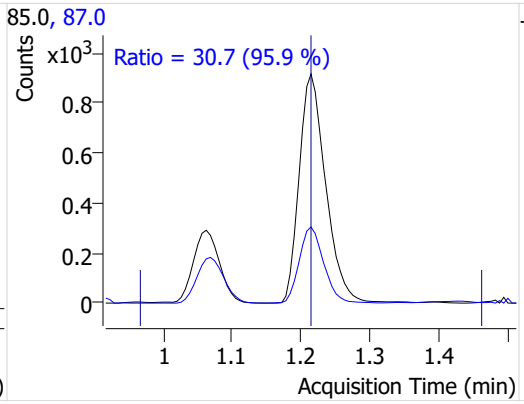
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	2245	1.0320	ug/L
TBA	59.000	0.540	0.002	3.038	0.012	3872	19.1188	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	4678	5.0787	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	2917	1.0173	ug/L
MTBE	73.000	0.575	0.002	3.233	0.012	5705	0.9520	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	3943	1.0730	ug/L
Vinyl Acetate	43.000	0.680	0.001	3.826	0.005	2971	0.9583	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	1448	0.8394	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.006	6415	1.0221	ug/L
ETBE	59.000	0.794	0.002	4.462	0.011	5520	0.9399	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.001	2352	1.0261	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.009	2628	0.9574	ug/L
2-Butanone	43.000	0.836	0.005	4.699	0.025	1248	1.1076	ug/L
Propionitrile	54.000	0.843	0.003	4.738	0.018	1664	4.7004	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	1777	1.1037	ug/L
Methylacrylonitrile	67.000	0.895	0.002	5.034	0.011	793	0.8600	ug/L
Tetrahydrofuran	42.000	0.930	0.010	5.227	0.055	739	1.0814	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	4129	1.0924	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.003	3464	1.1172	ug/L
Cyclohexane	84.000	0.842	0.002	5.616	0.012	8659	1.1305	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.000	3124	1.1234	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	2797	1.0814	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	8188	1.0520	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	3275	1.0880	ug/L
Iso-Butyl Alcohol	43.000	0.919	0.005	6.133	0.030	1452	29.4416	ug/L
TAME	73.000	1.128	0.002	6.342	0.012	5200	0.9540	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.001	2362	1.1901	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	2800	1.1703	ug/L
1-Butanol	56.000	1.058	0.005	7.055	0.034	2107	39.3455	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.003	2969	1.0521	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	2165	1.0113	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	1500	0.9818	ug/L
1,4-Dioxane	88.000	1.128	0.006	7.525	0.034	590 NI	18.7345	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	1321	0.8999	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	3113	1.0970	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	1243 BA	2.3108	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.022	0.005	450	0.7046	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	2910	1.0310	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.002	8.379	0.011	1828	0.8837	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	9306	1.0925	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	2268	0.9143	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.933	0.003	2378	0.9191	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	1954	0.9954	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	2323	1.0765	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	3465	1.0488	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	867	1.0736	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	2079	0.9030	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.418	0.004	2630	0.8527	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	1873	0.9765	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.003	6164	1.0297	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	3357	1.0766	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	3461	1.1704	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	2043	0.9803	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	9036	0.9760	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	13858	1.9871	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	7608	1.0218	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	5644	0.9020	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	1358	0.9646	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	3331	1.0670	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	8304	0.9874	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	7034	19.8264	ug/L

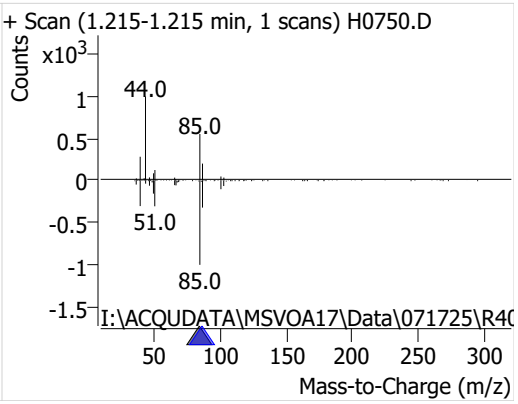
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Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	2341	0.9511	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	2639	1.0773	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	2933	0.9644	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.003	561	0.8494	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.003	10397	1.0575	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.001	6225	1.0525	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	6692	1.1237	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	7286	0.9717	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.000	8609	1.0702	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	7824	1.0586	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	7001	0.9531	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	2328	1.0692	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.000	9899	1.0471	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.000	5104	1.0938	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	8117	0.9944	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.003	5255	1.0691	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	2360	1.1748	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	2606	1.1269	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	4615	1.0124	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	7182	0.9785	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	613	1.0002	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	12688	3.0466	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	3808	1.0761	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.345	0.000	8539	1.9048	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	3460	1.0494	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	1249	1.0173	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	7198	0.8579	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	3381	1.0634	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	2299	0.9762	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	2034	0.9685	ug/L

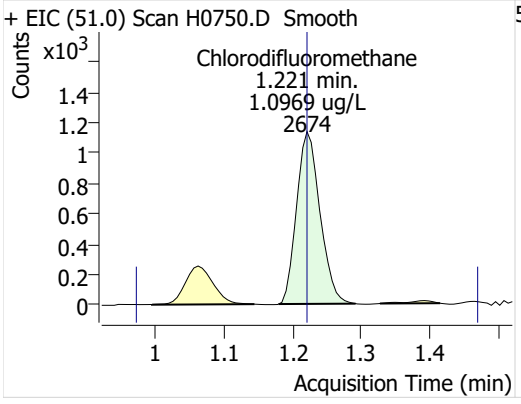
Dichlorodifluoromethane

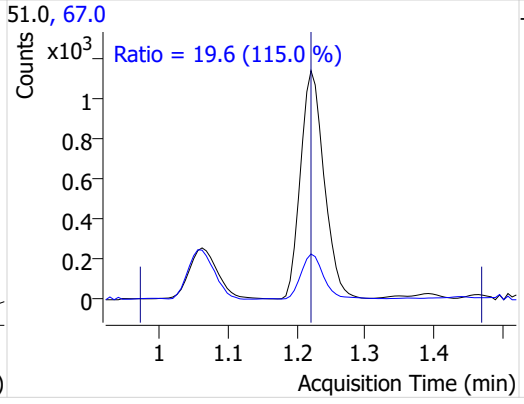


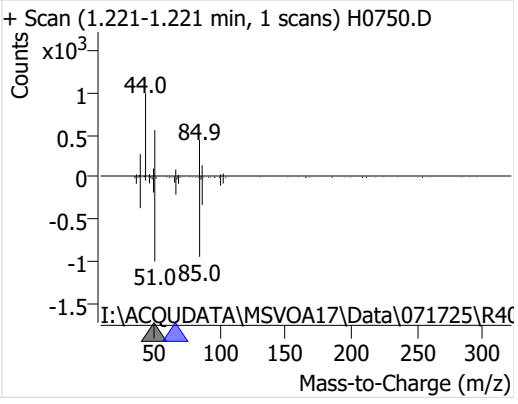




Chlorodifluoromethane

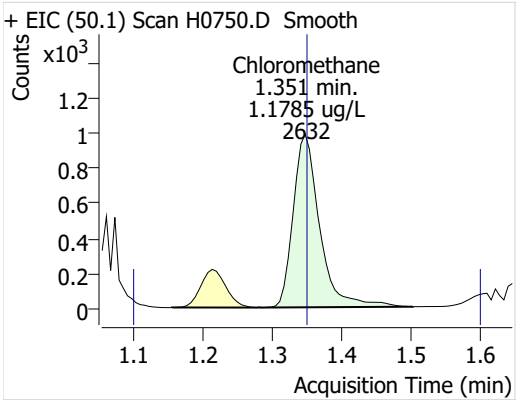


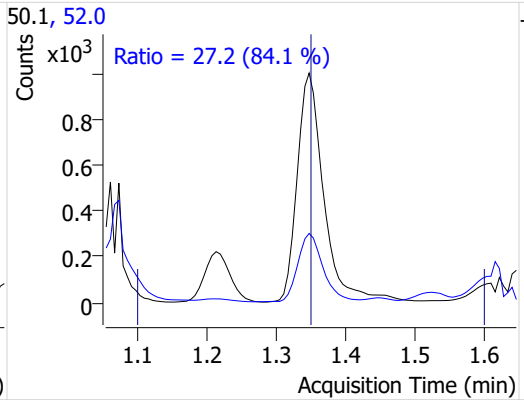


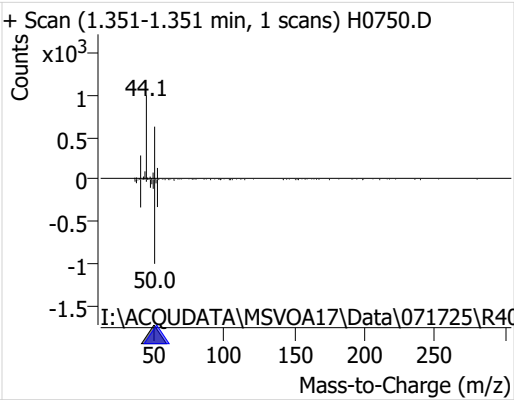


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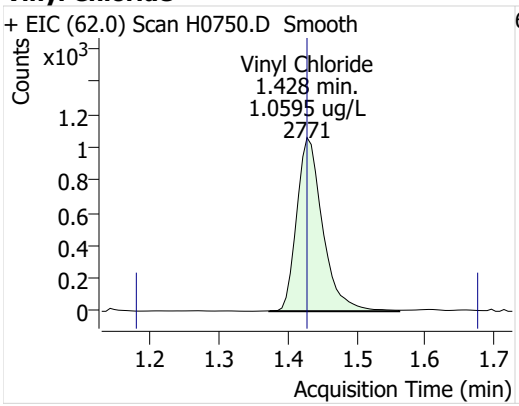
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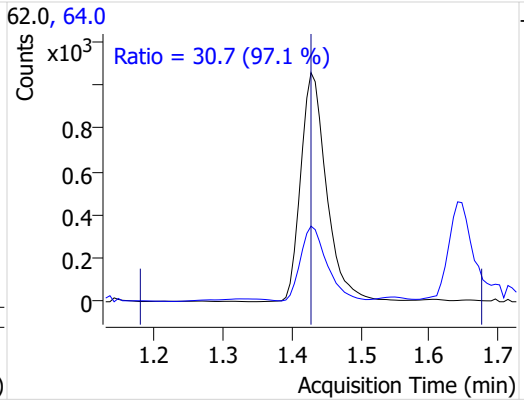


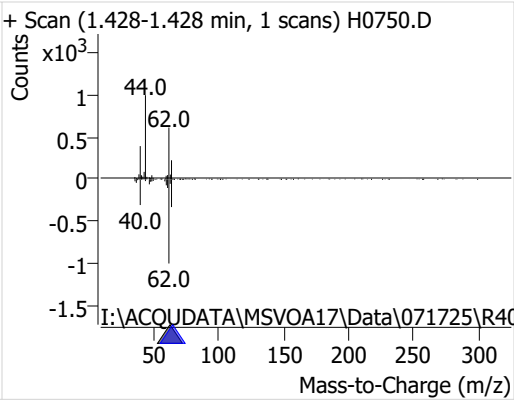




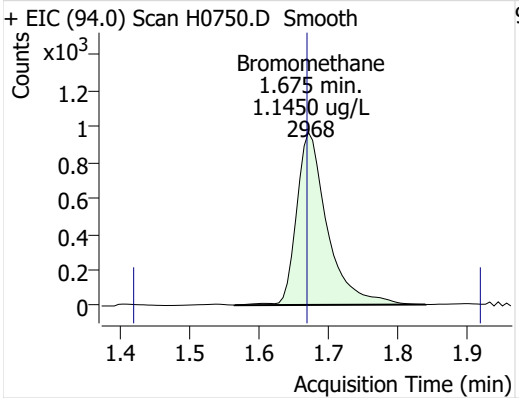
Vinyl Chloride

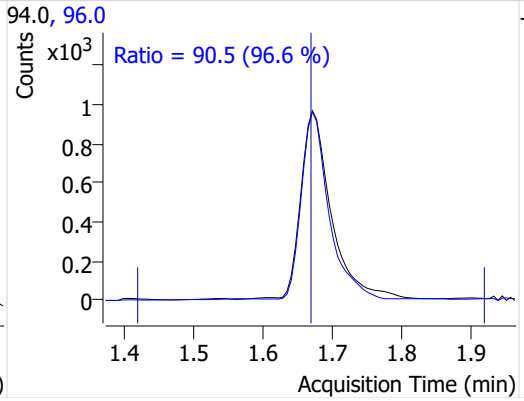


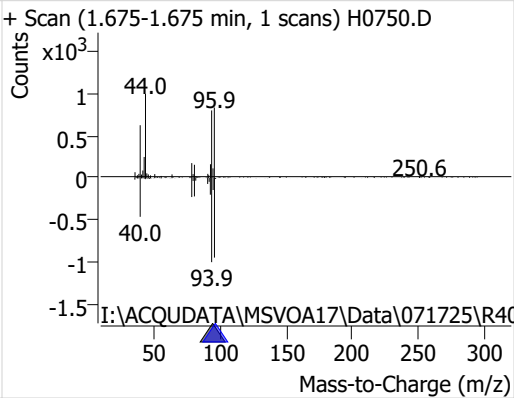




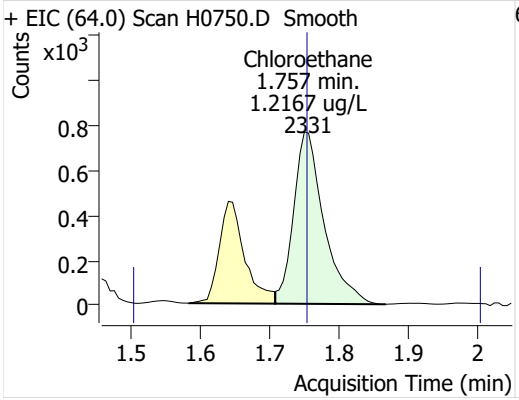
Bromomethane

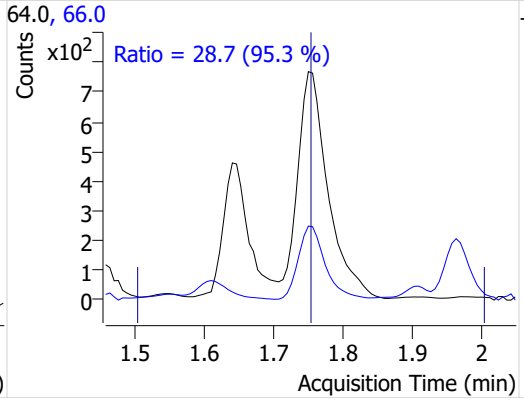


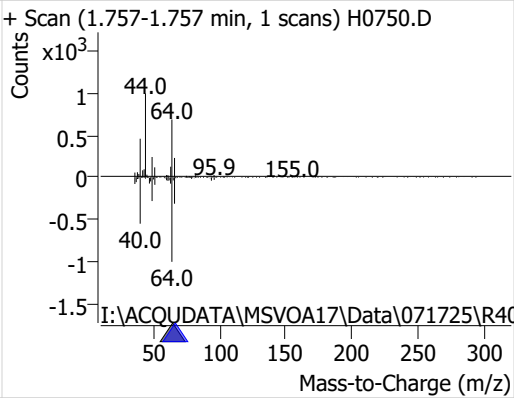




Chloroethane

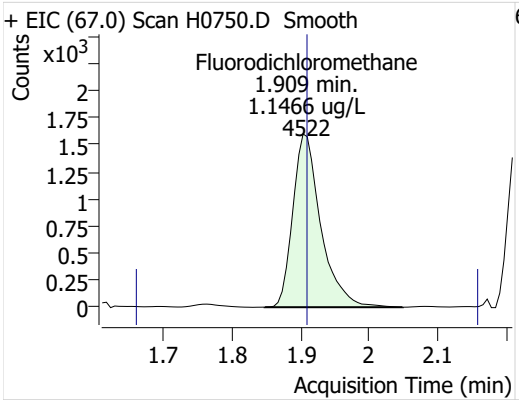


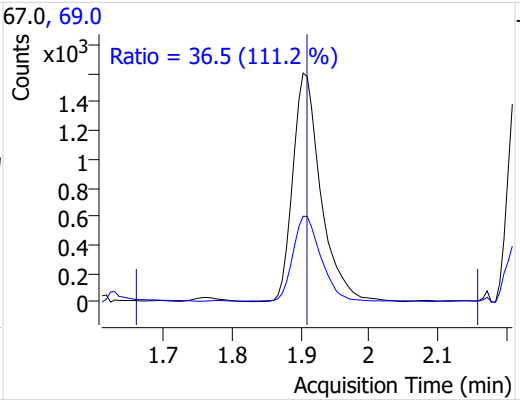


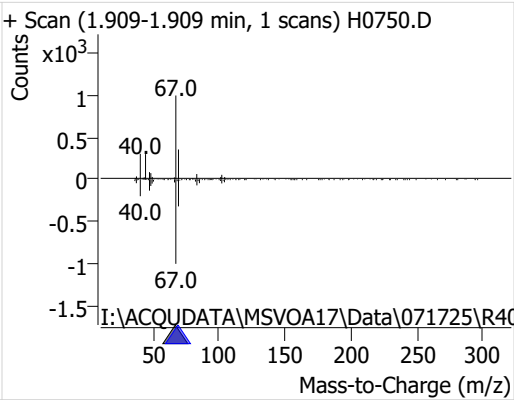


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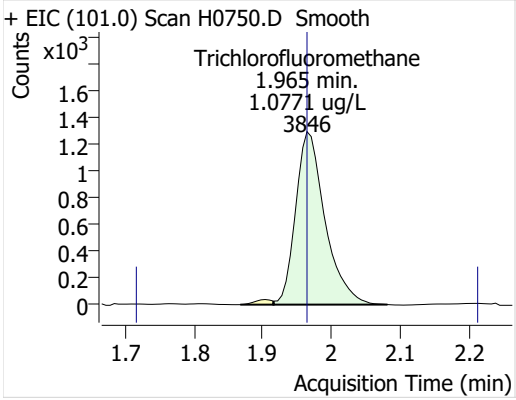
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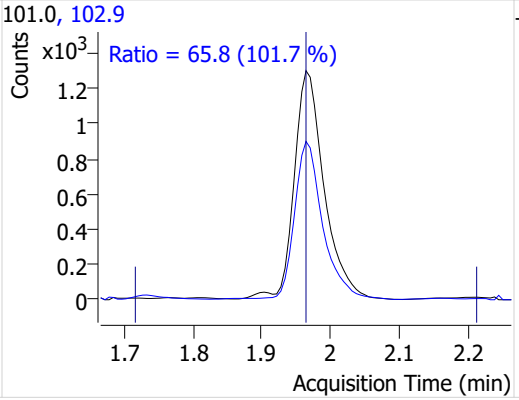


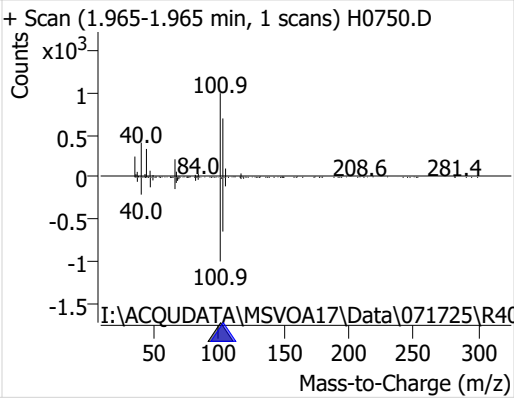




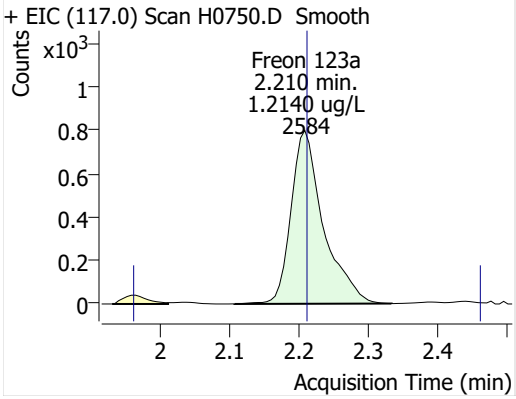
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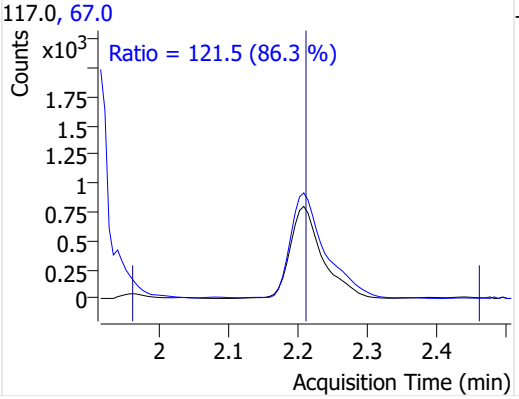


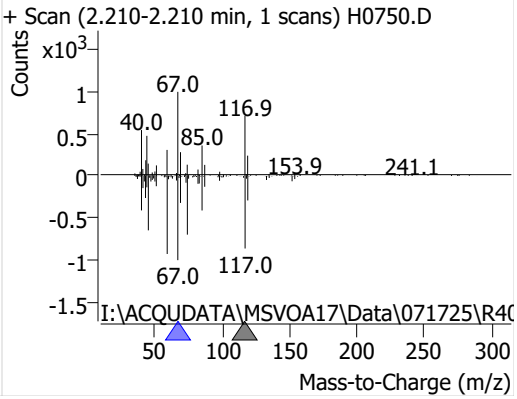




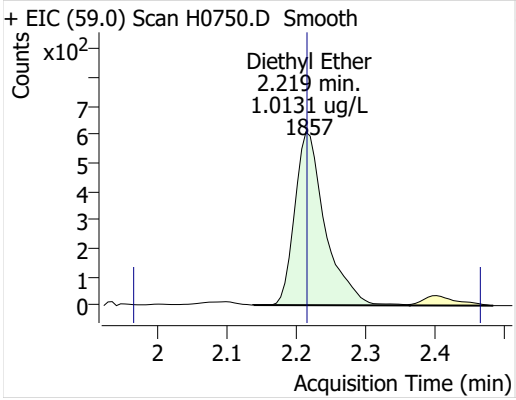
Freon 123a

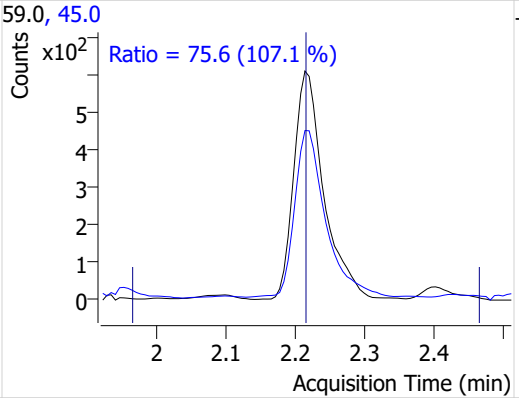


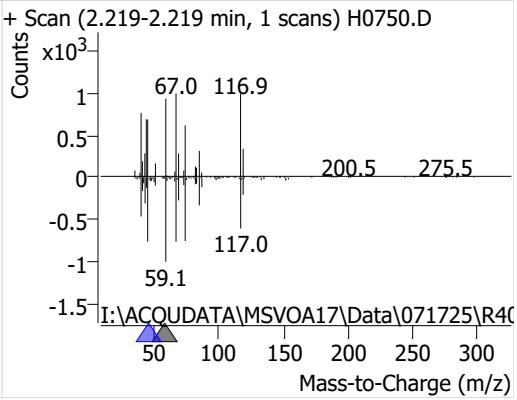




Diethyl Ether

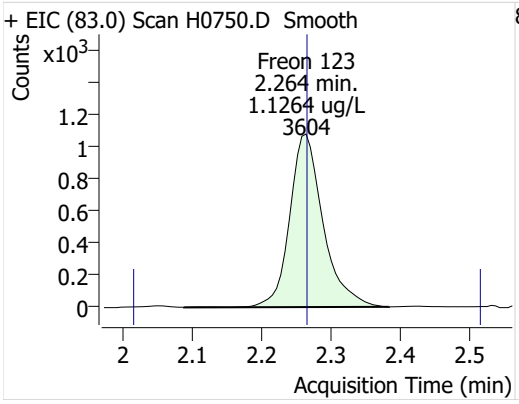


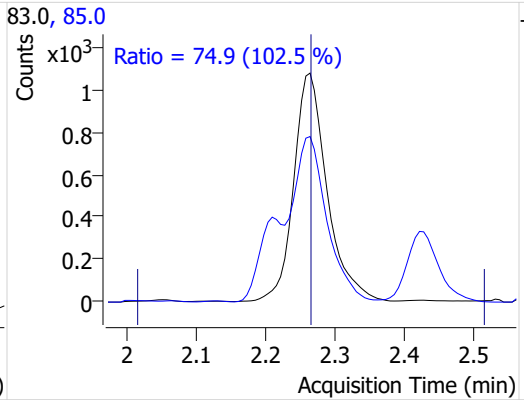


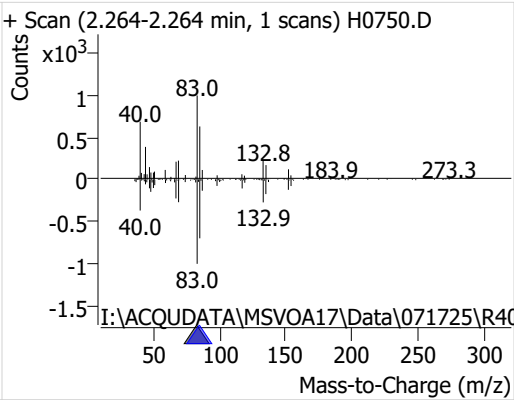


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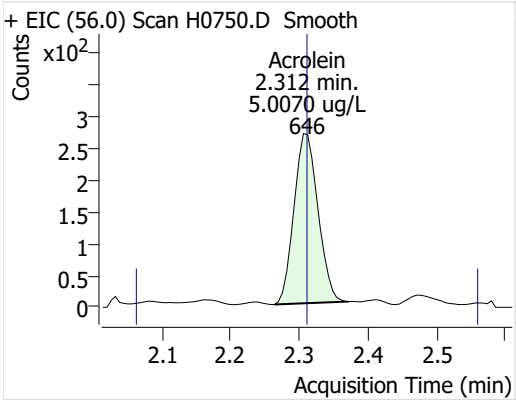
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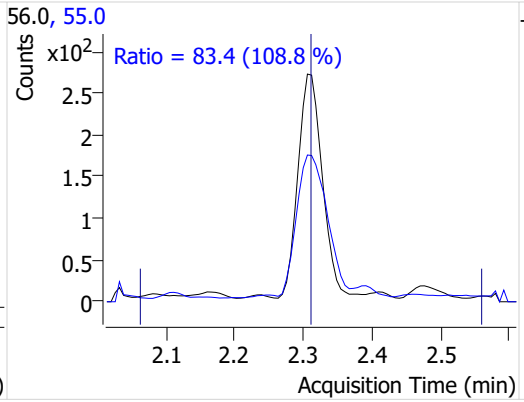


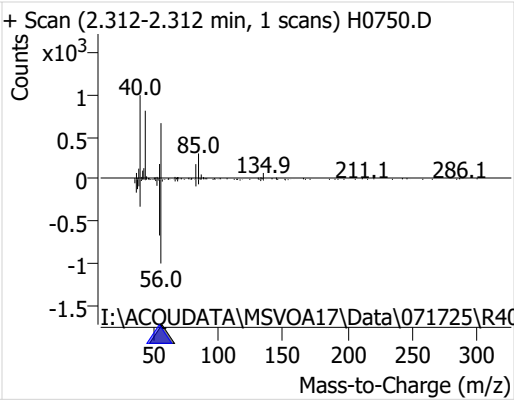




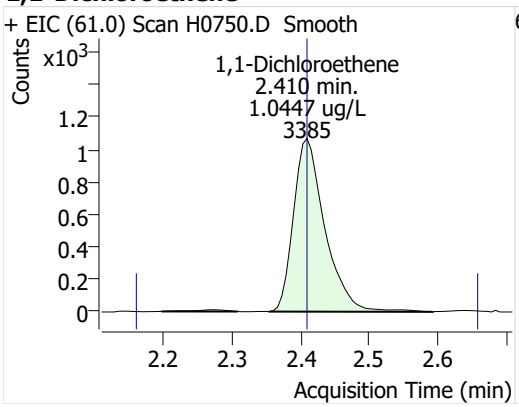
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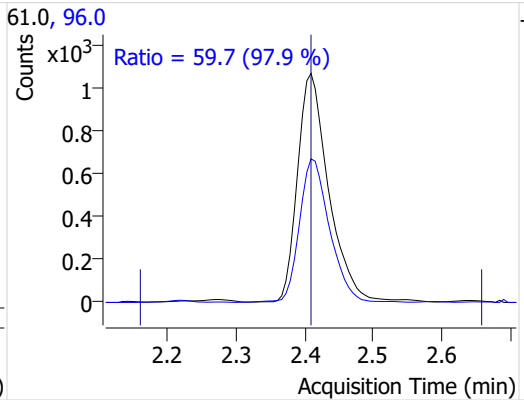


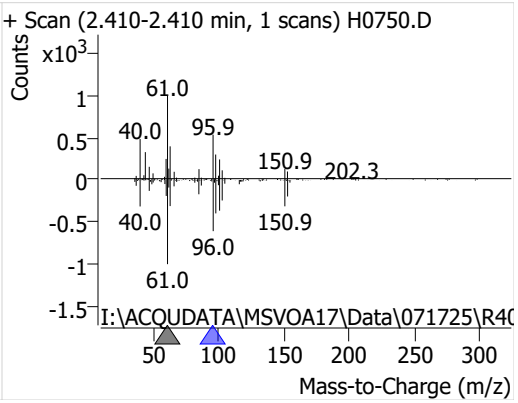




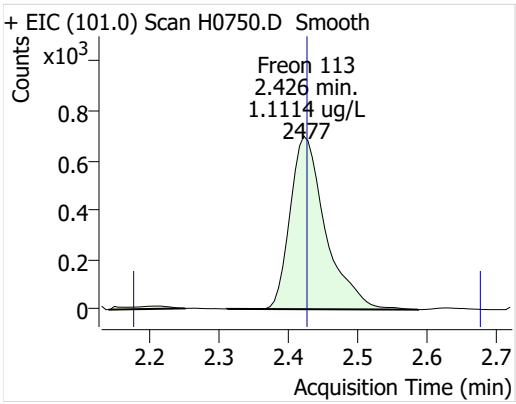
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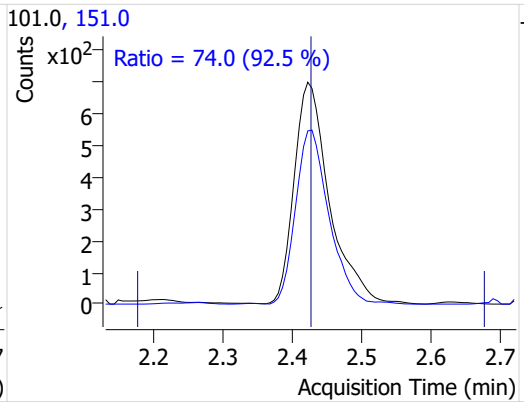


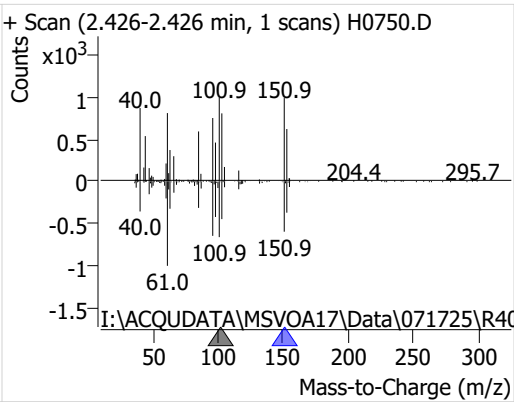




Freon 113

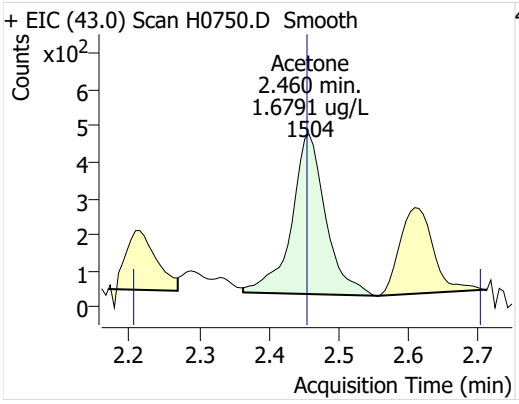


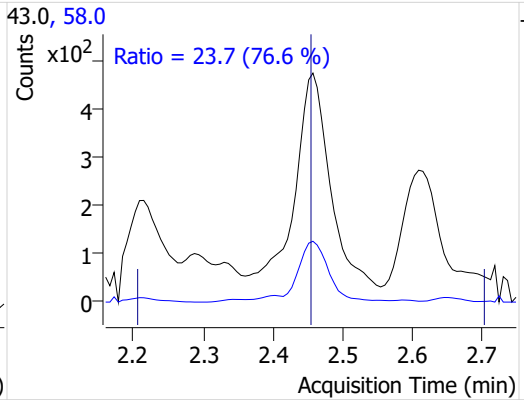


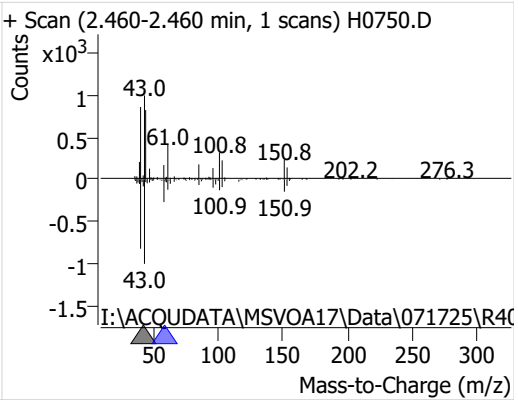


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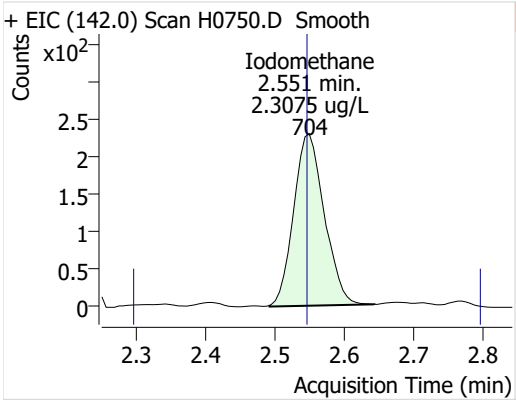
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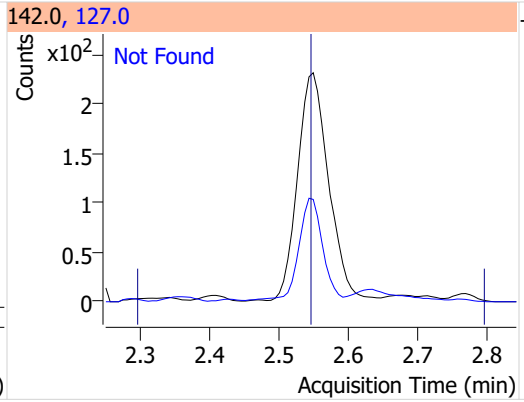


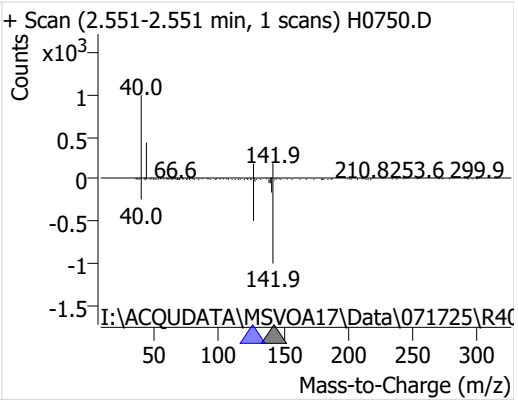




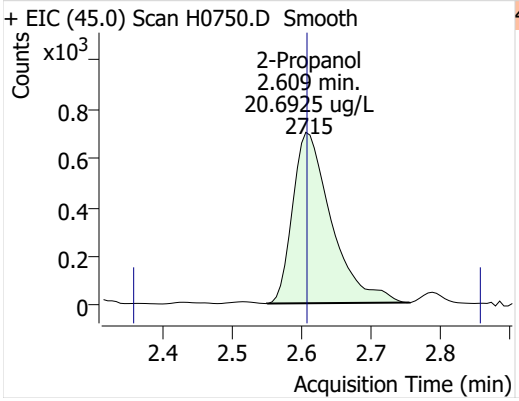
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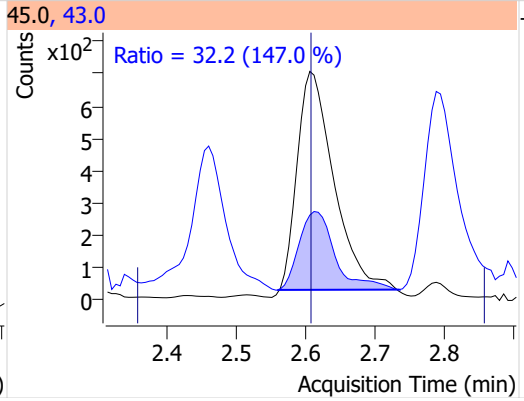


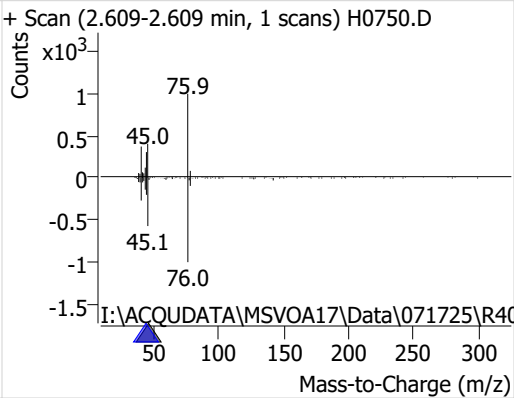




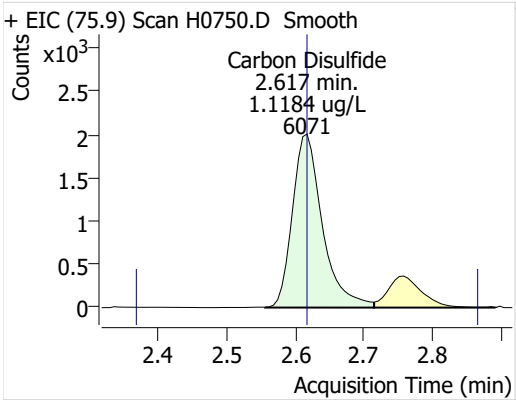
2-Propanol

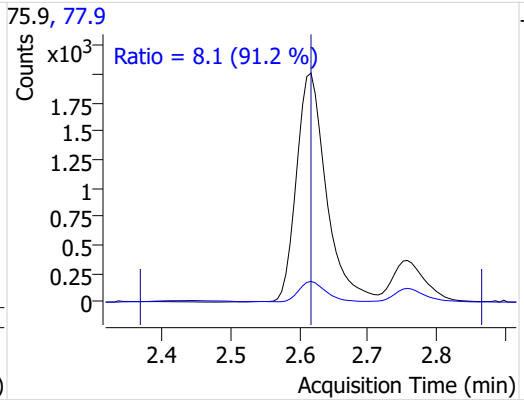


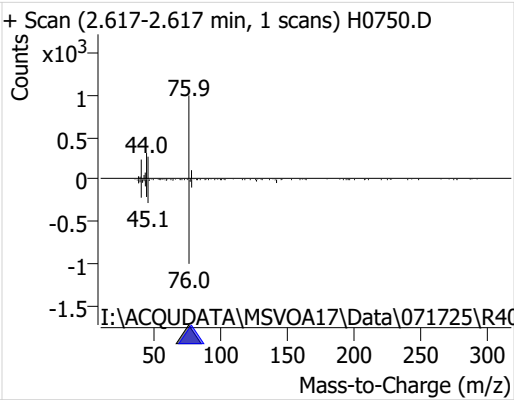




Carbon Disulfide

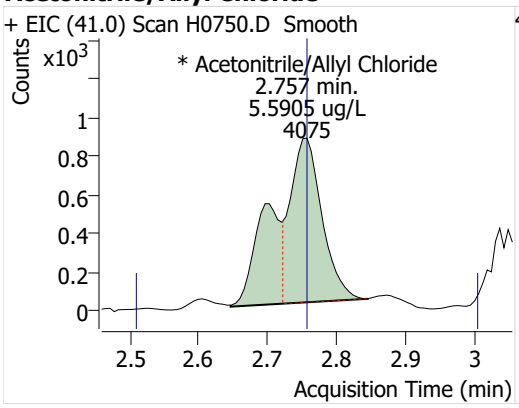


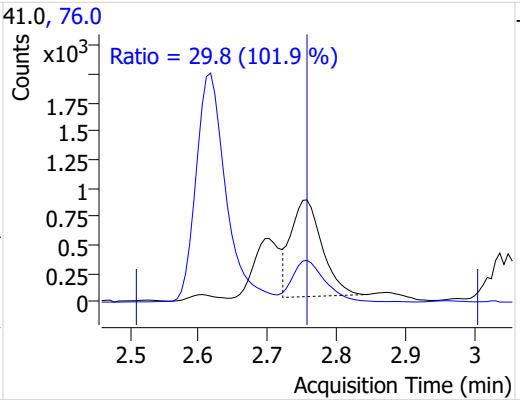


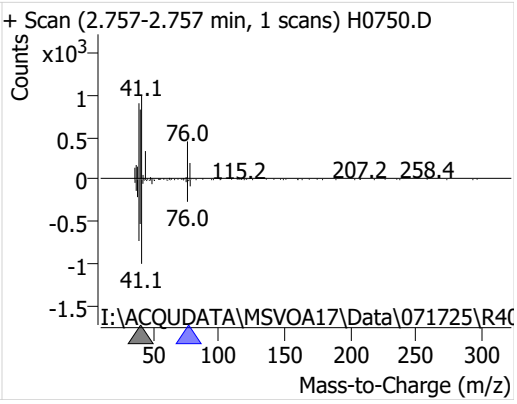


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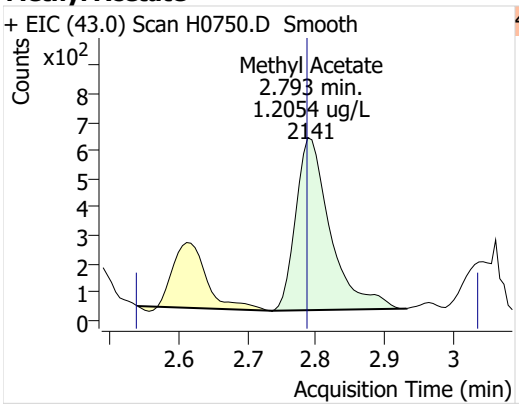
Acetonitrile/Allyl Chloride

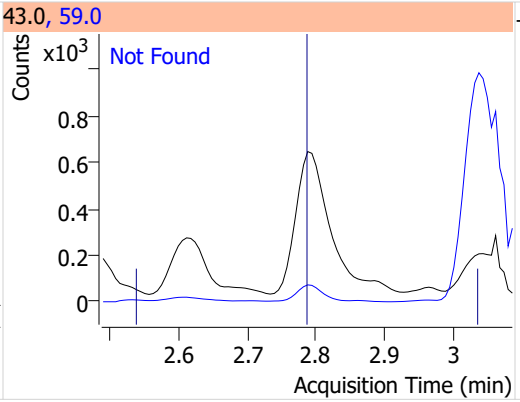


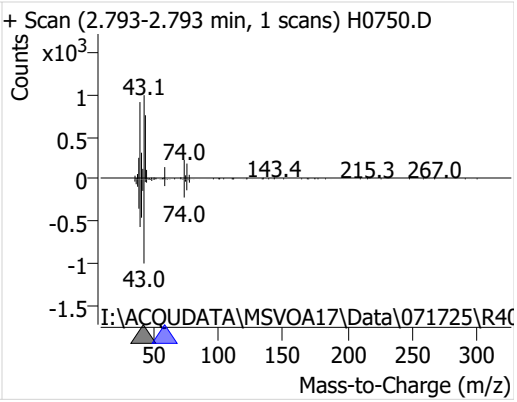




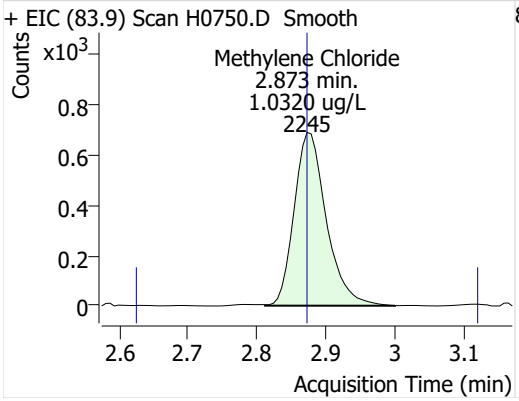
Methyl Acetate

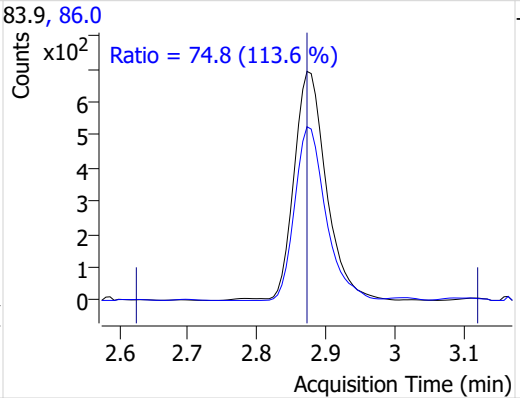


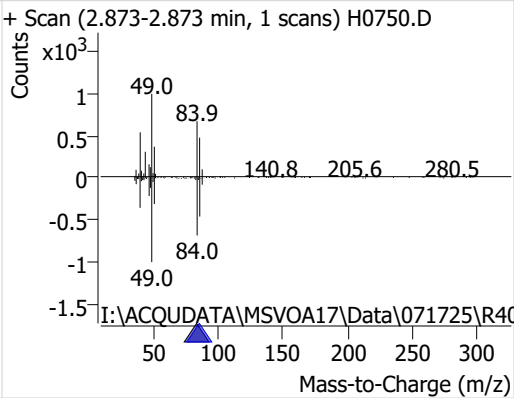




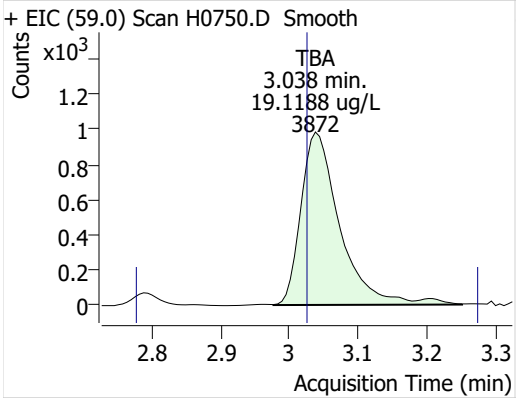
Methylene Chloride

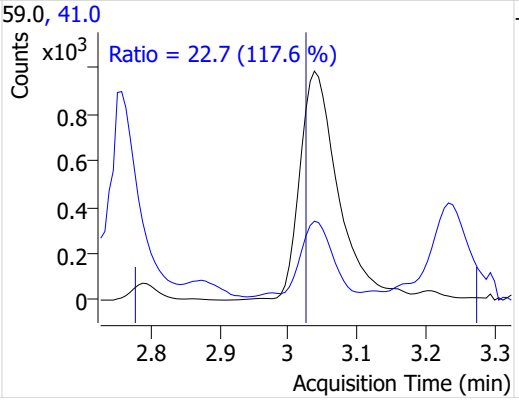


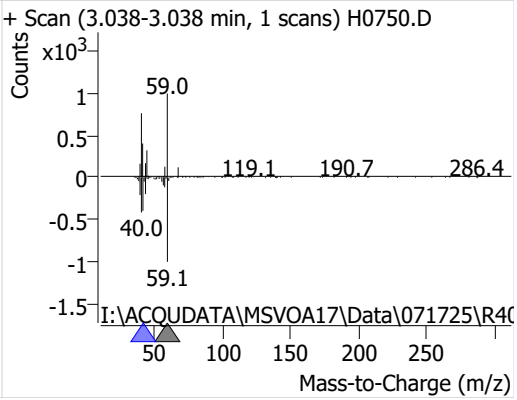




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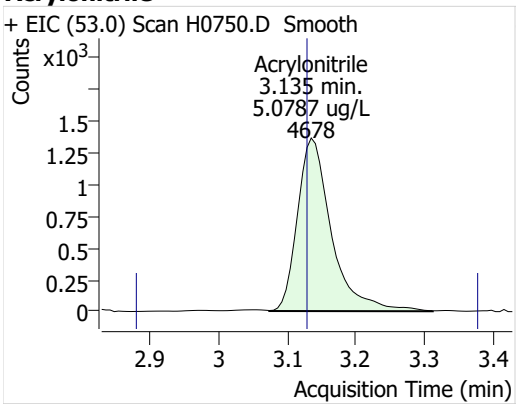


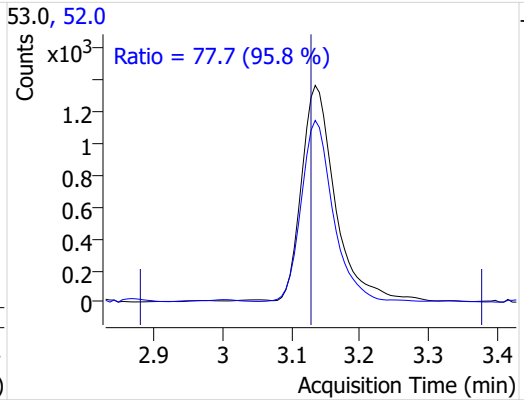


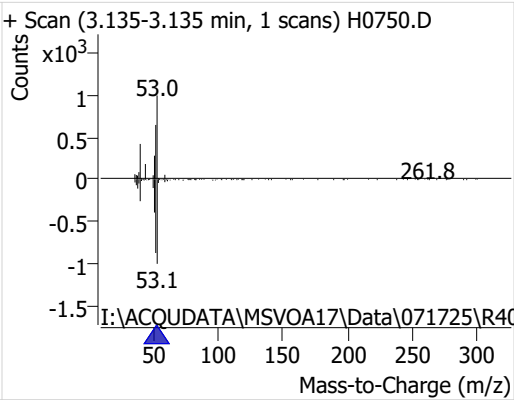


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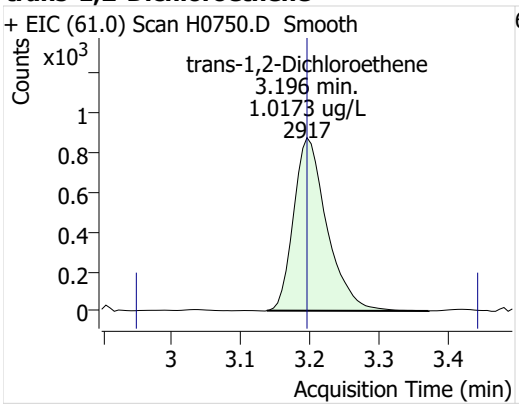
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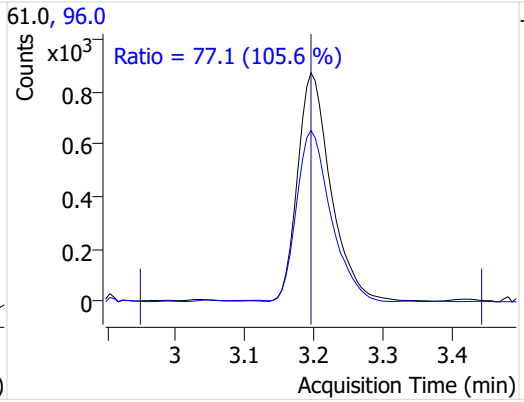


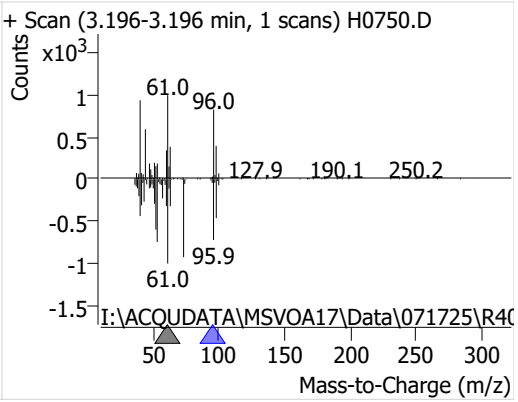




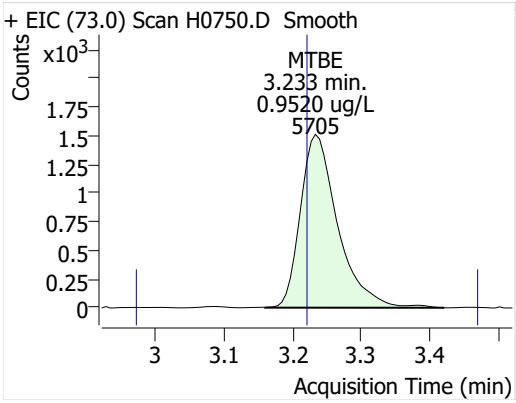
trans-1,2-Dichloroethene

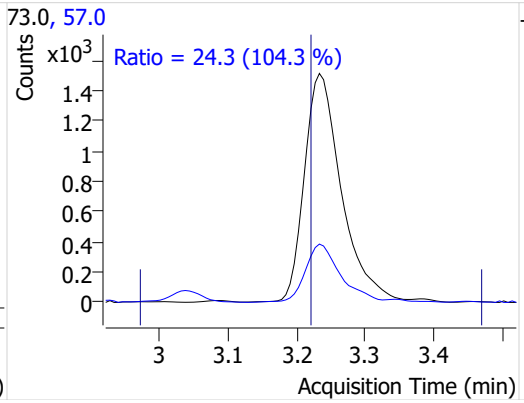


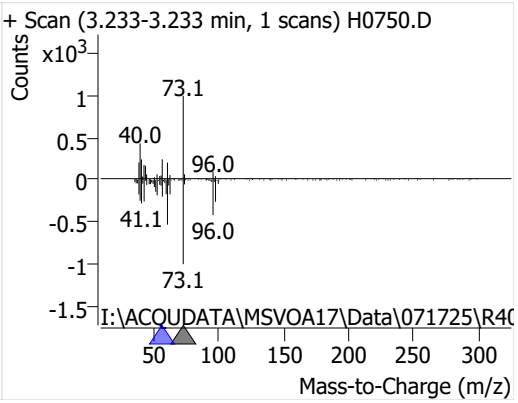




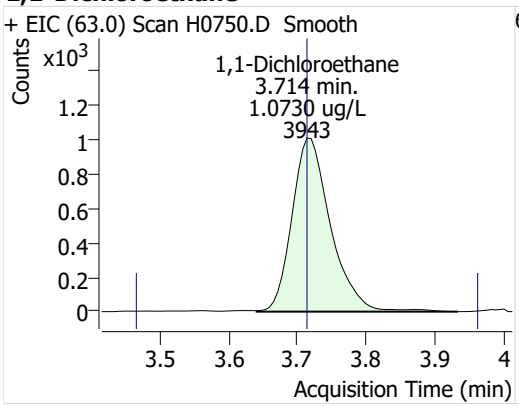
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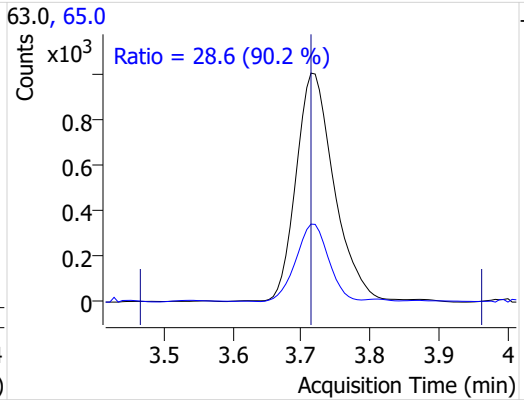


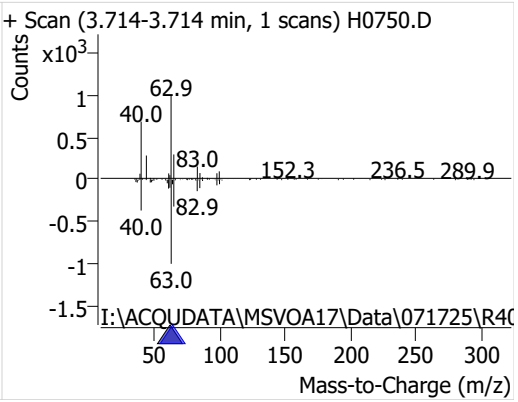




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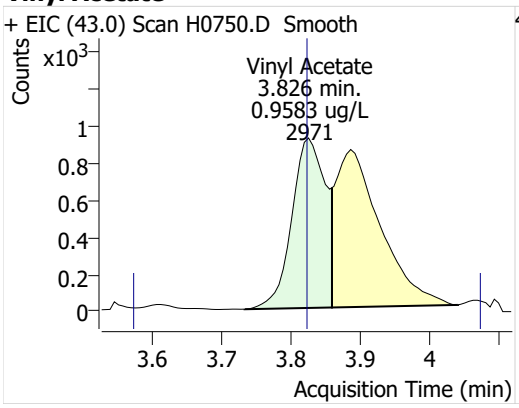


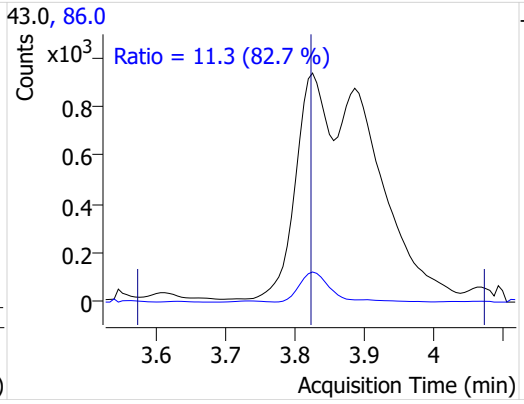


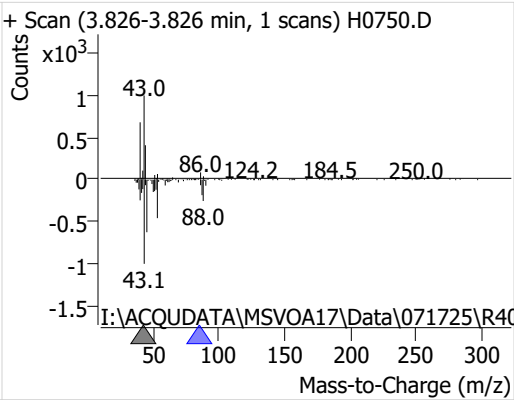


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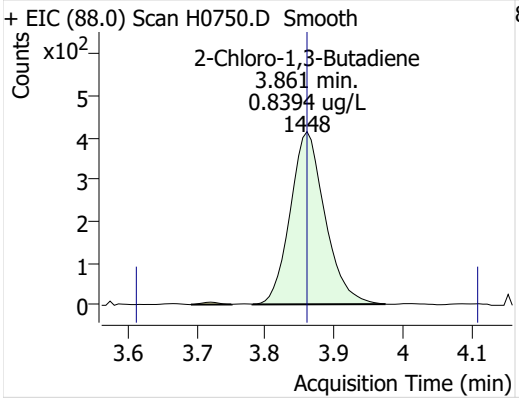
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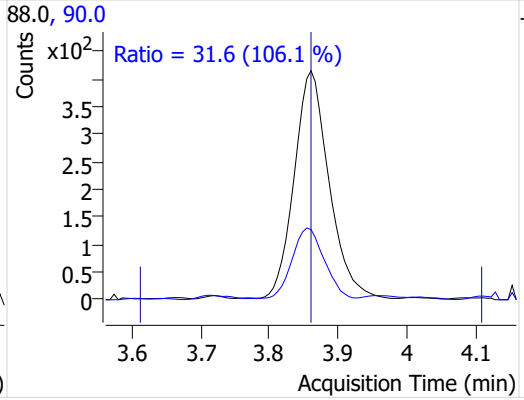


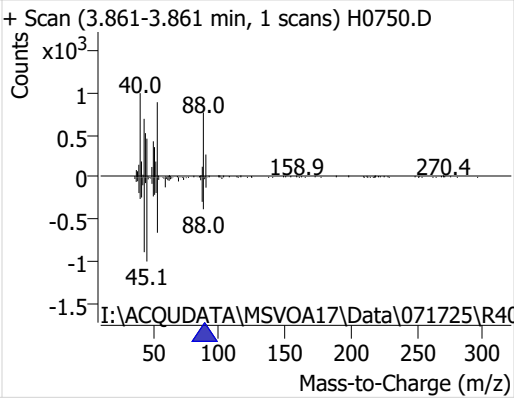




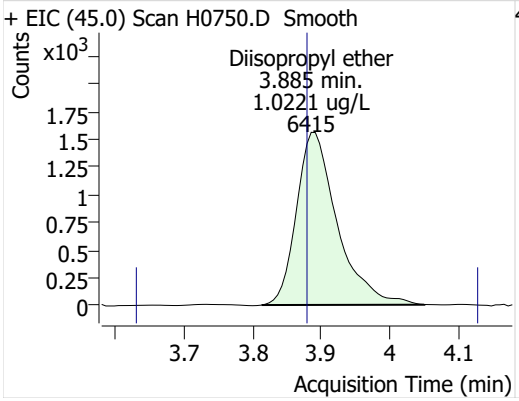
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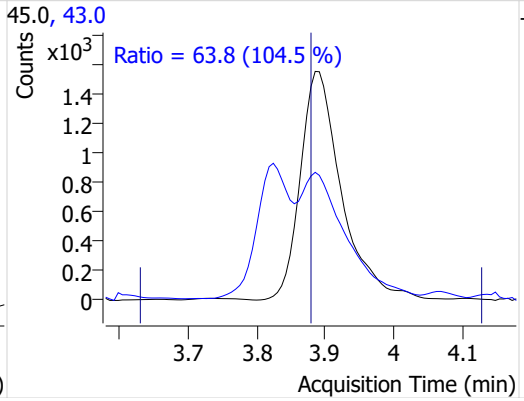


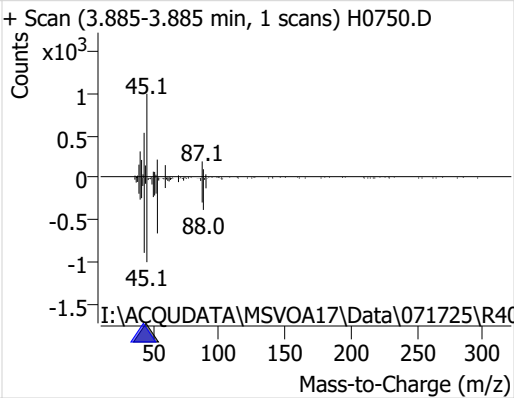




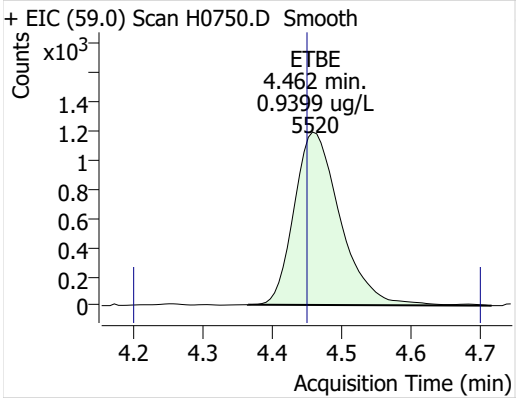
Diisopropyl ether

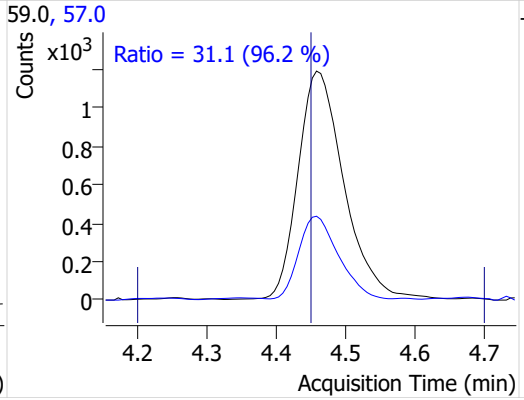


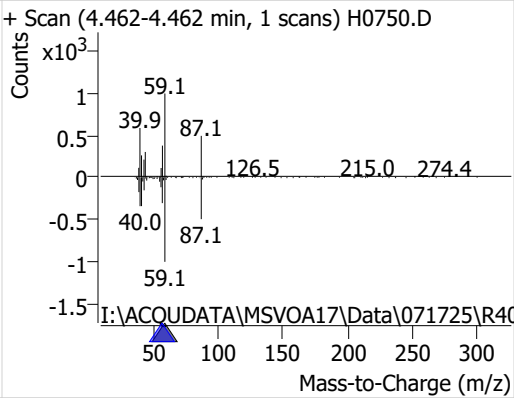




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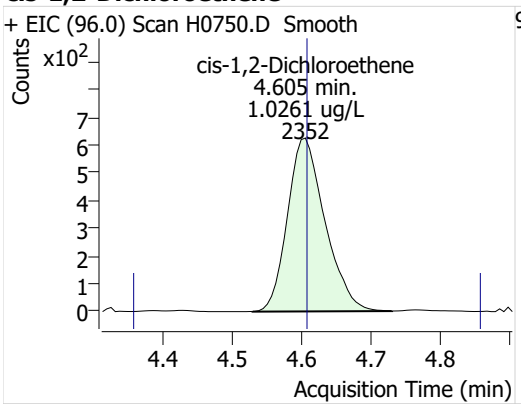


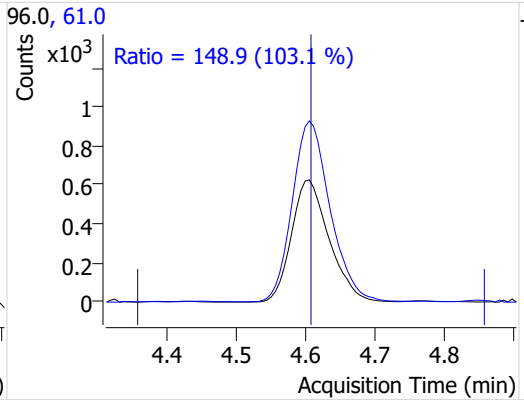


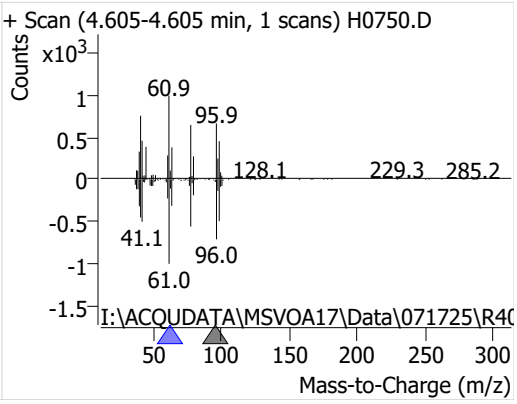


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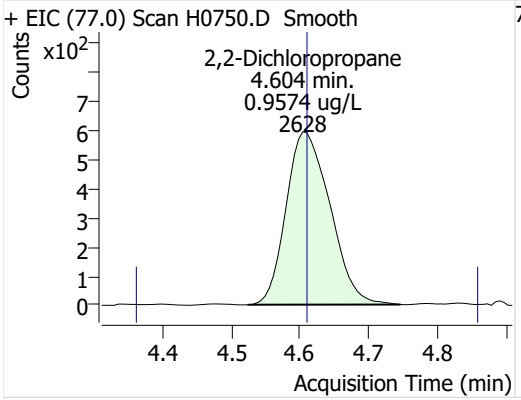
cis-1,2-Dichloroethene

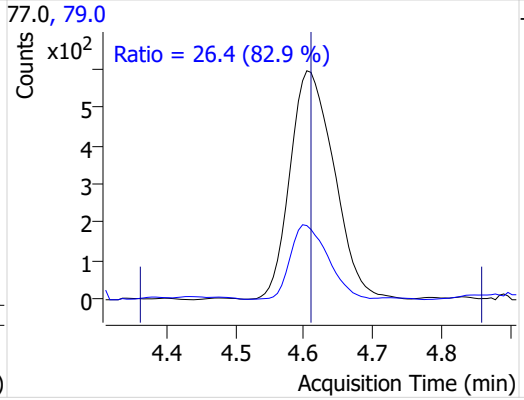


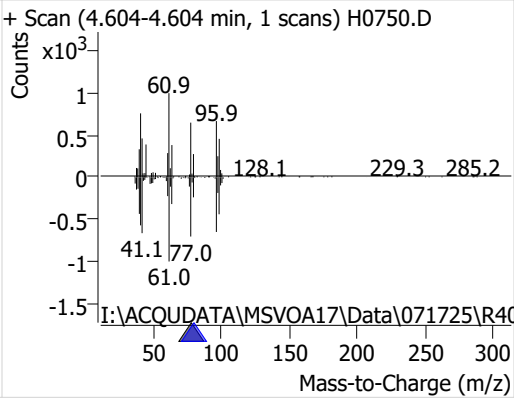




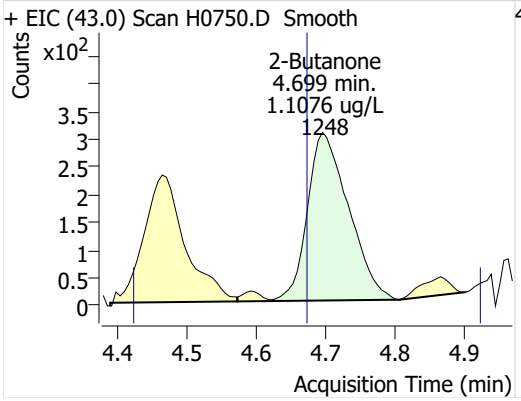
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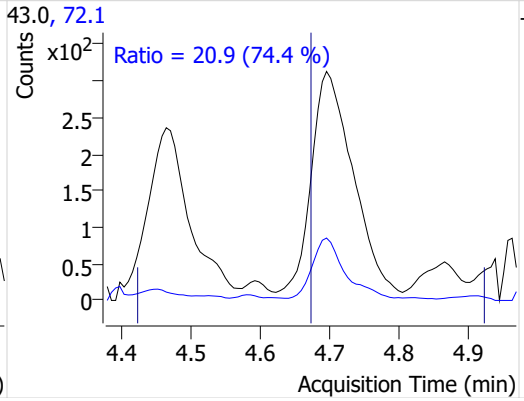


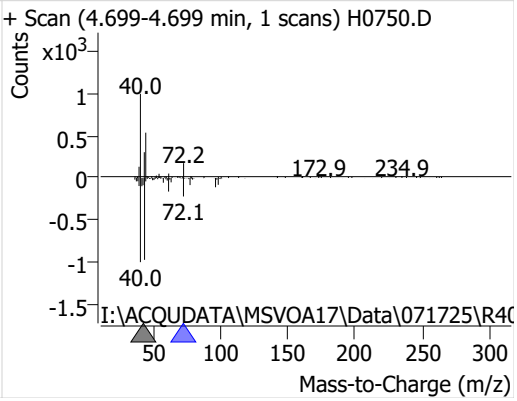




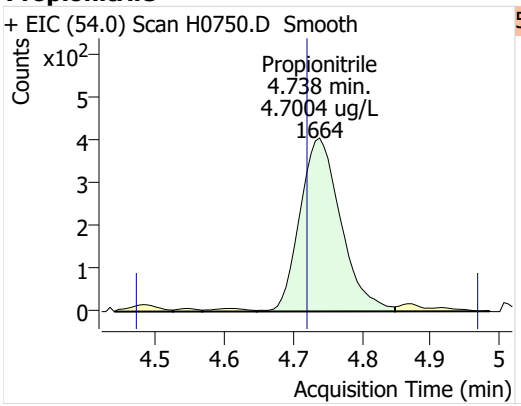
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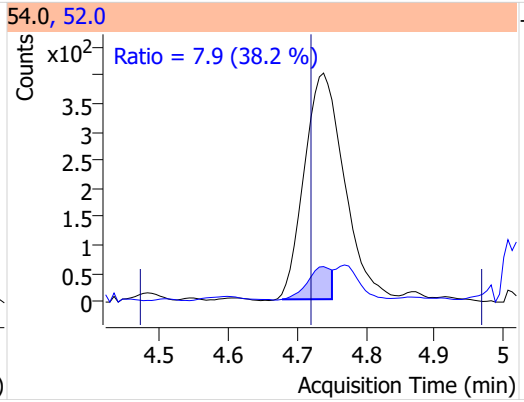


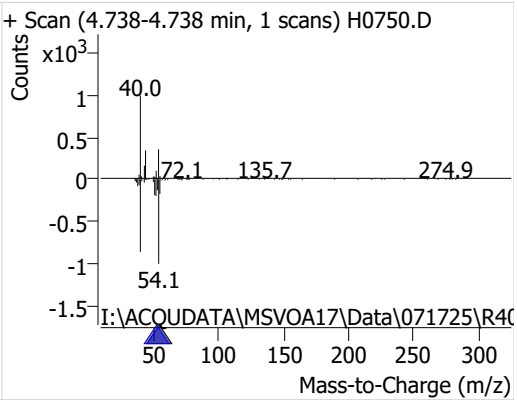




Propionitrile

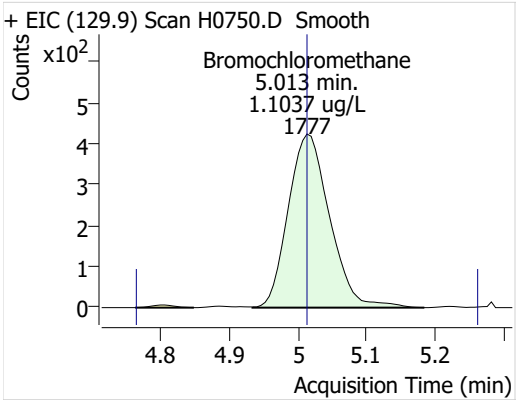


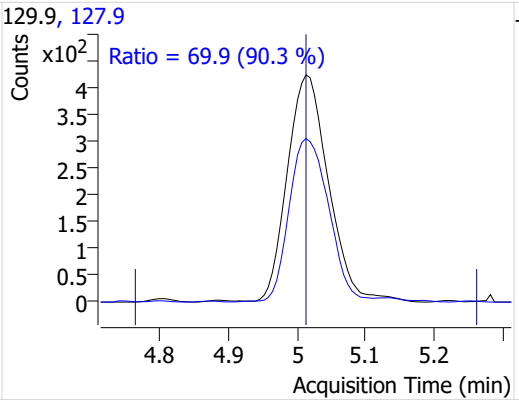


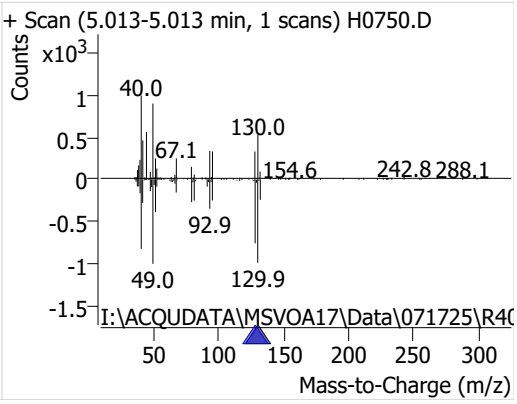


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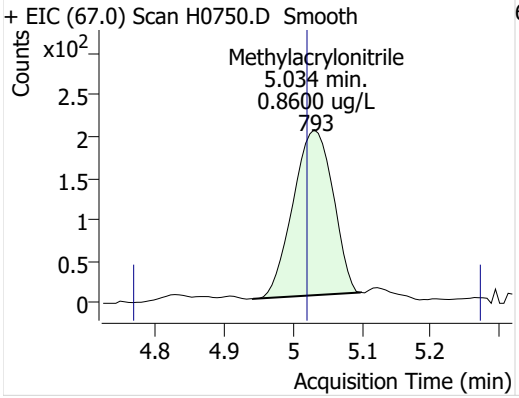
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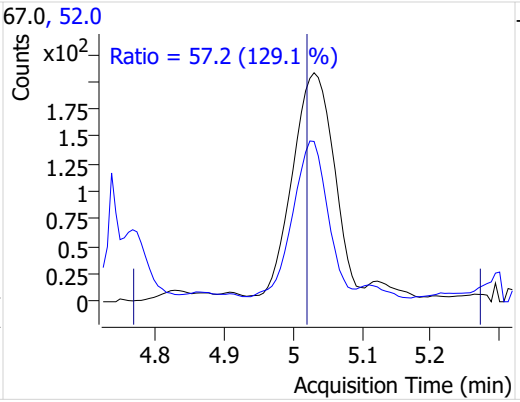


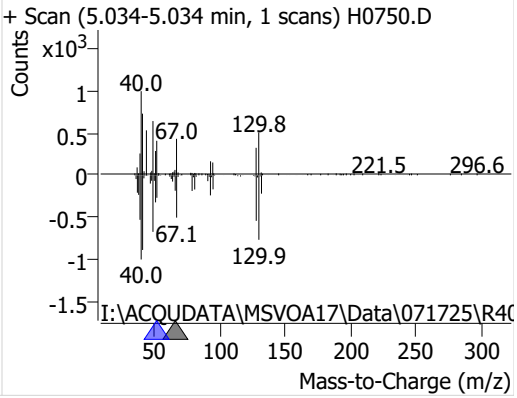




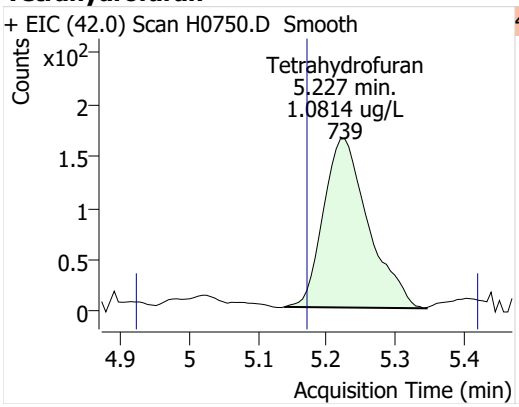
Methylacrylonitrile

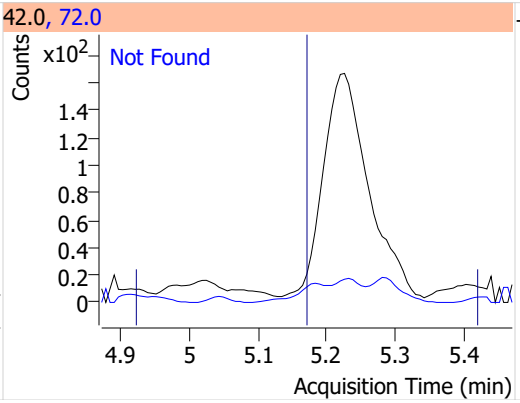


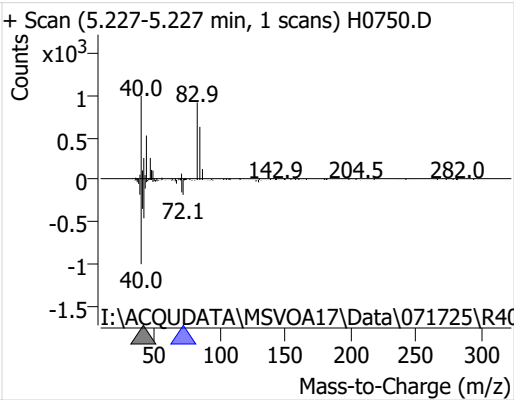




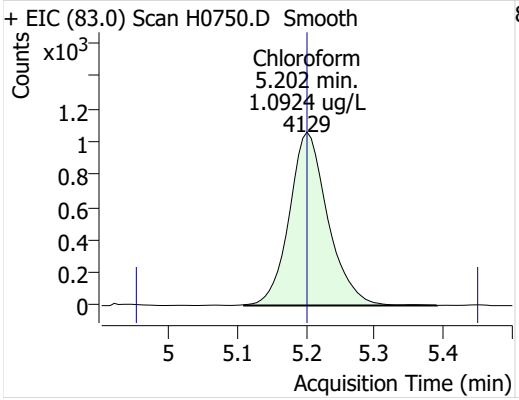
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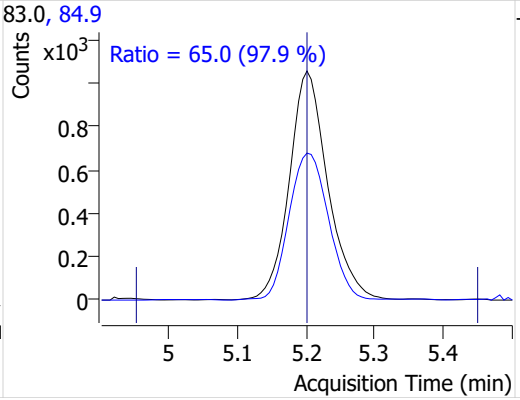


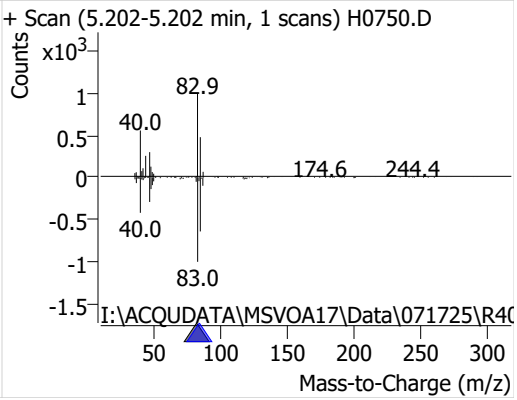




Chloroform

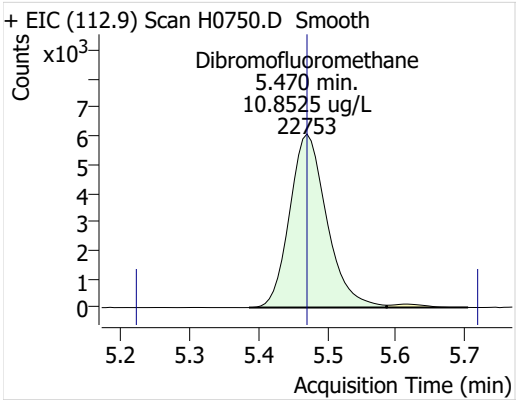


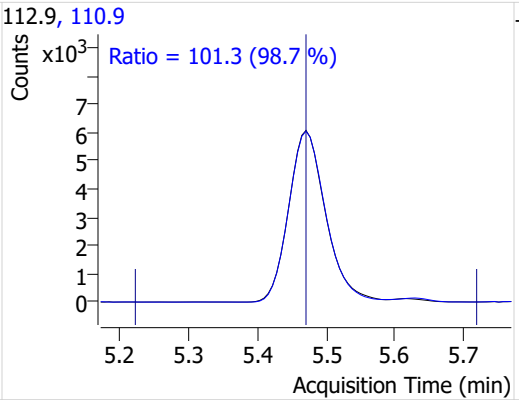


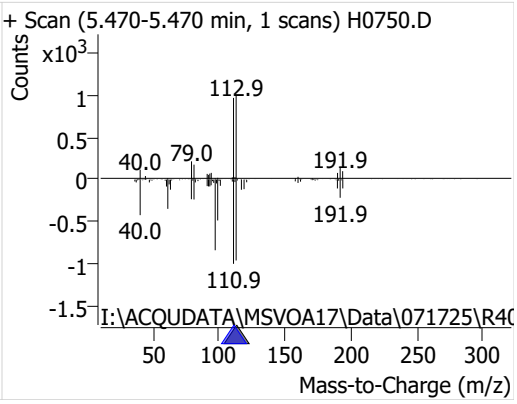


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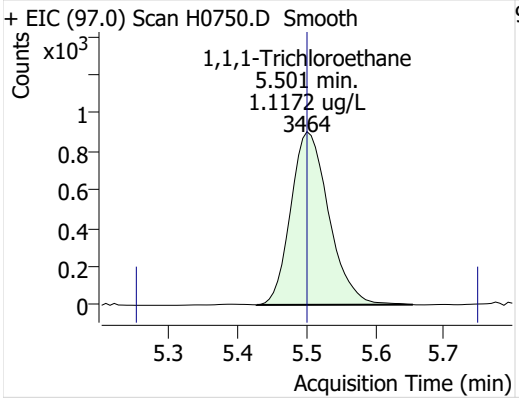
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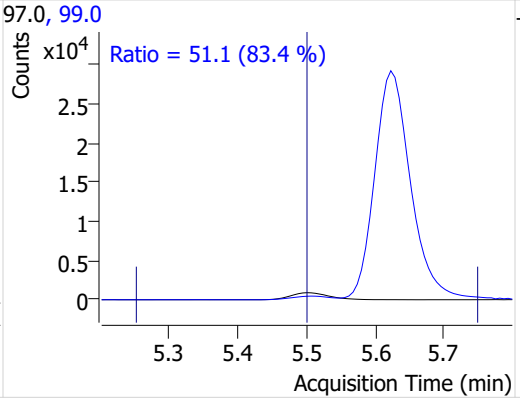


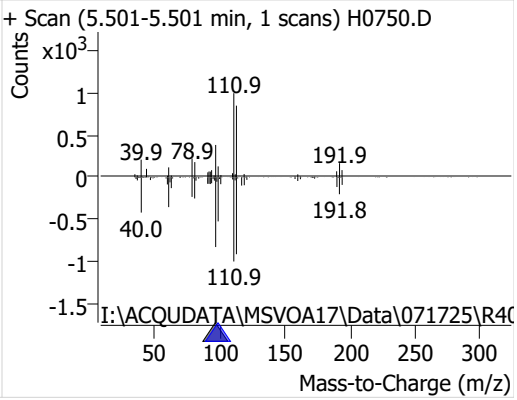




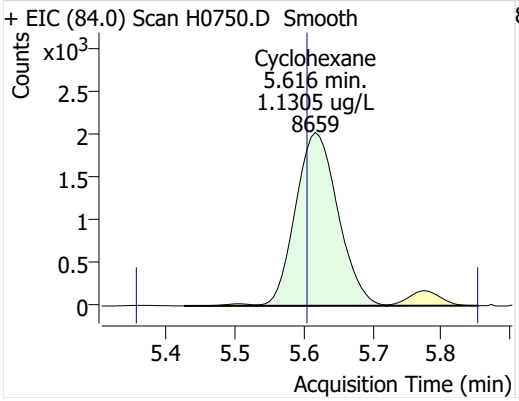
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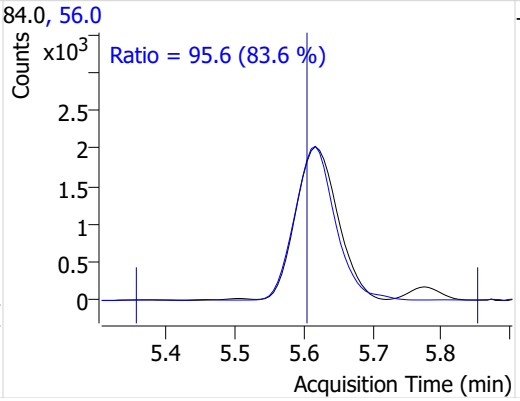


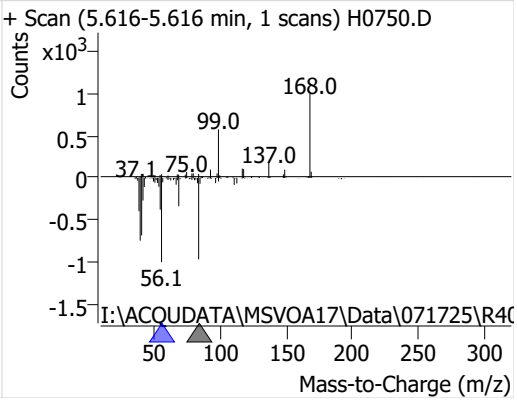




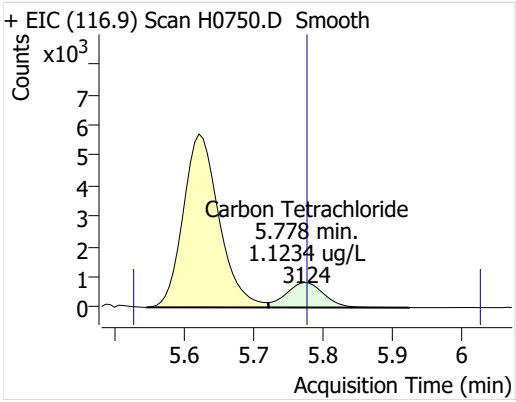
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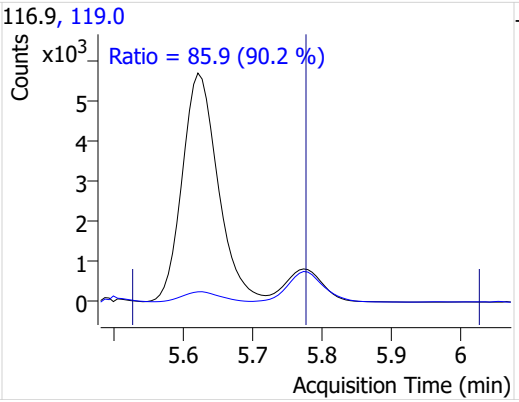


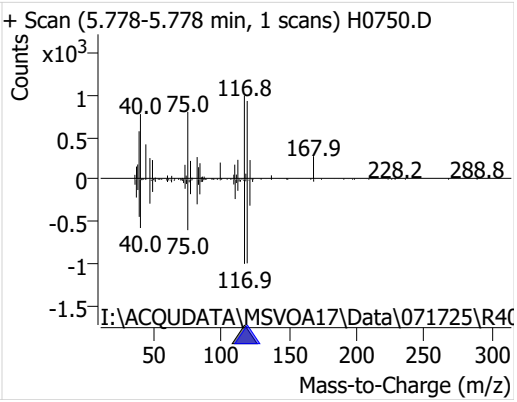




Carbon Tetrachloride

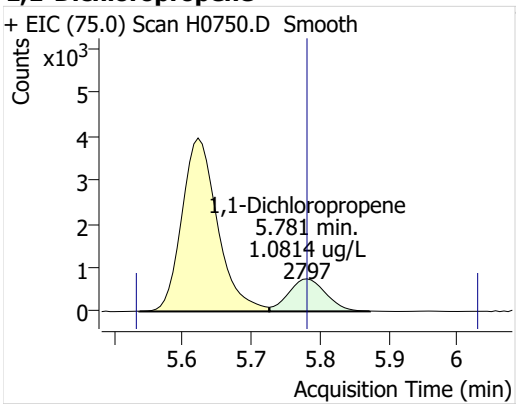


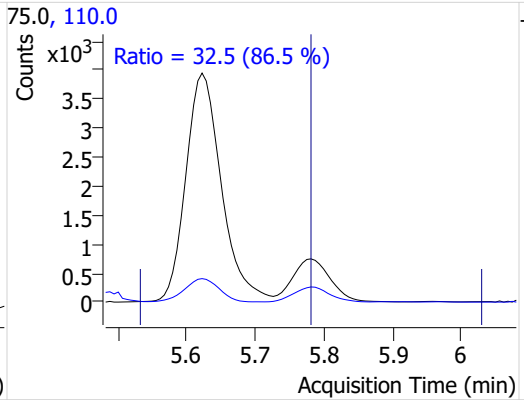


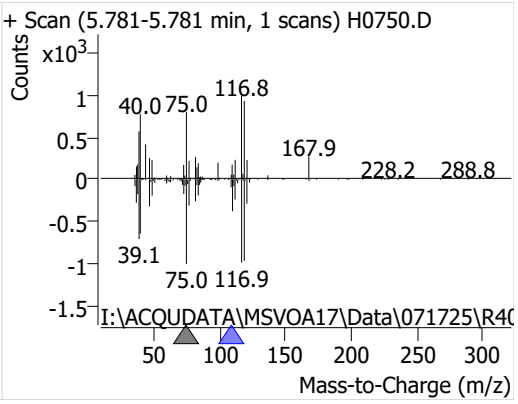


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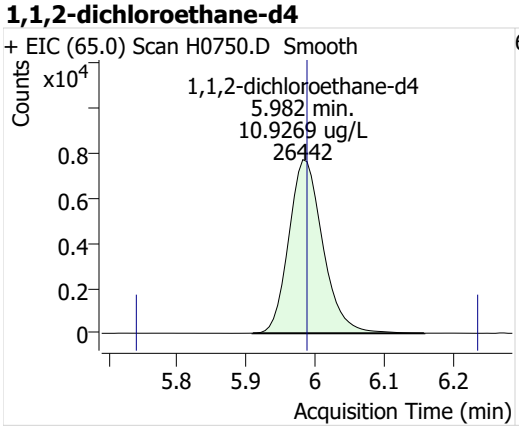
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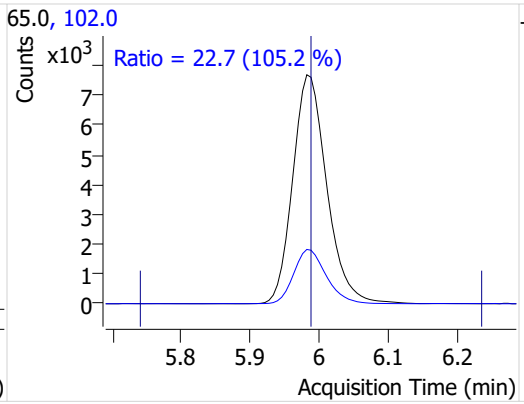


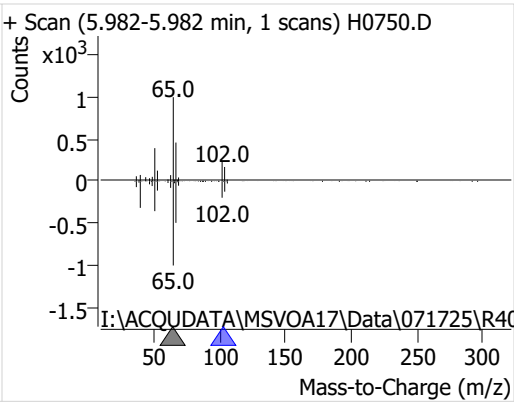




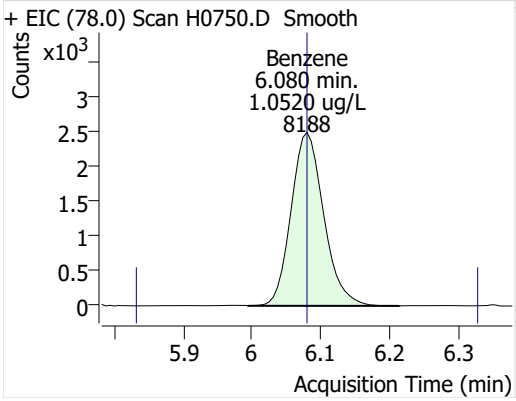
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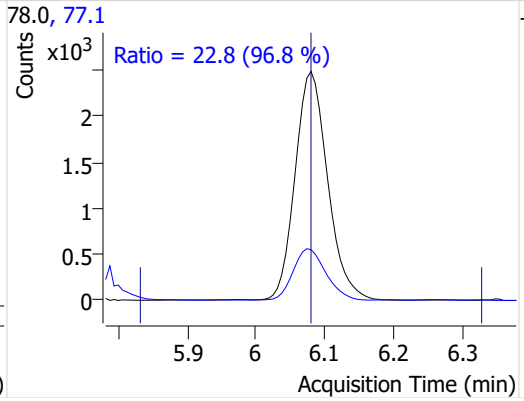


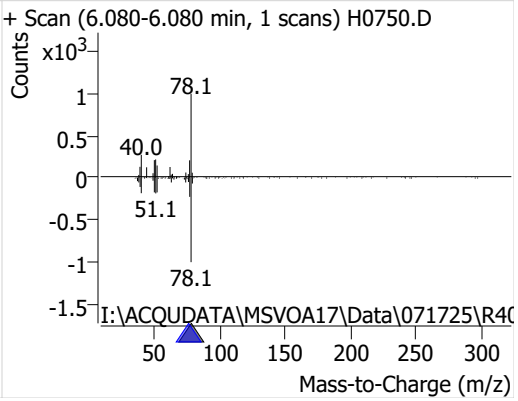




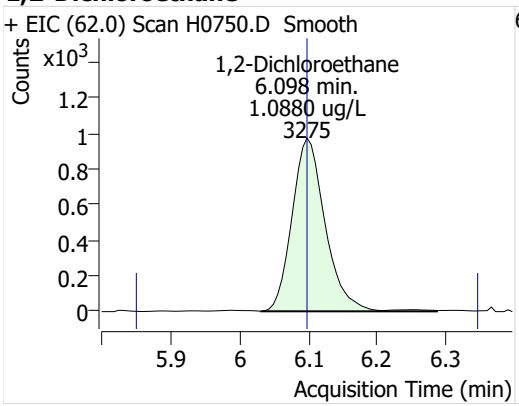
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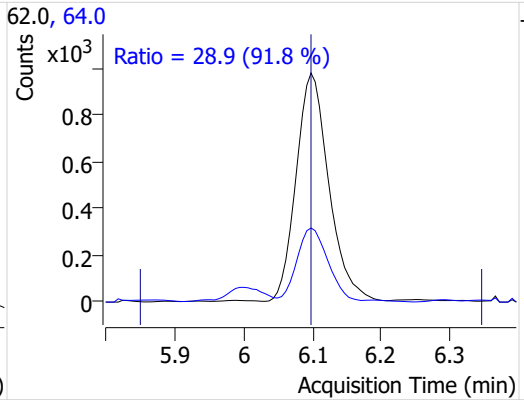


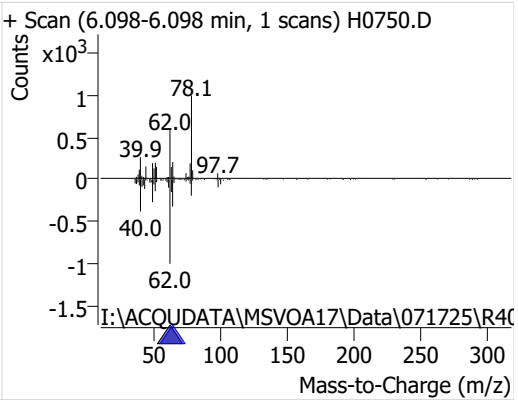




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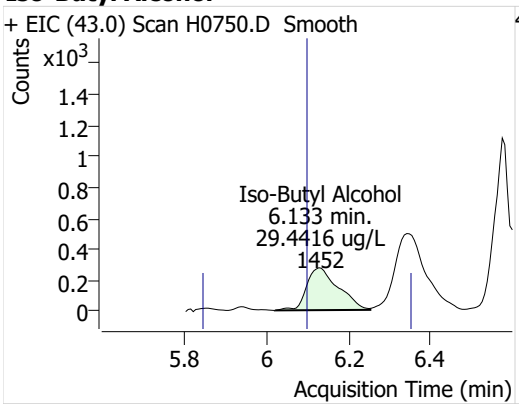


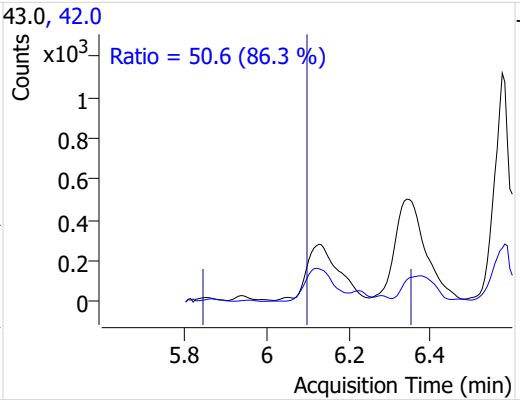


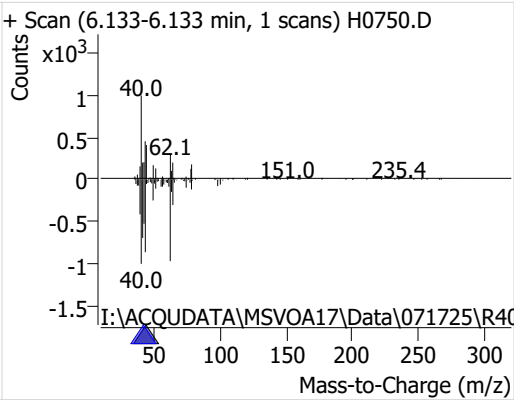


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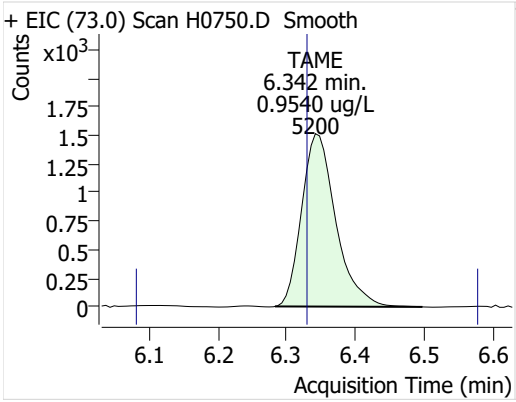
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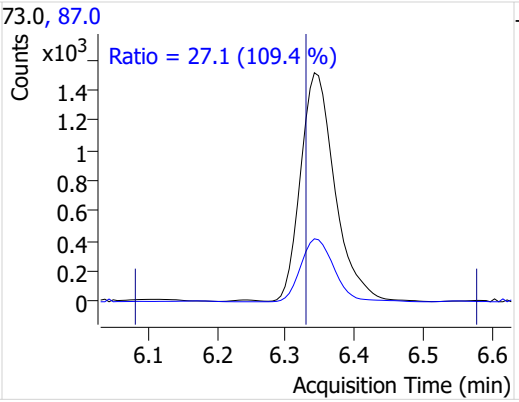


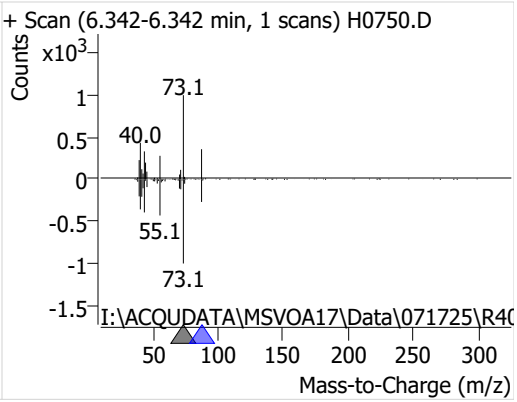




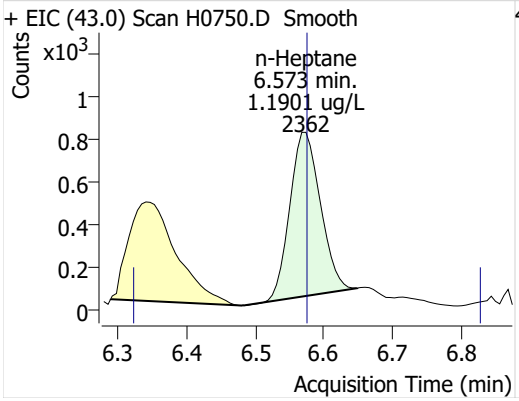
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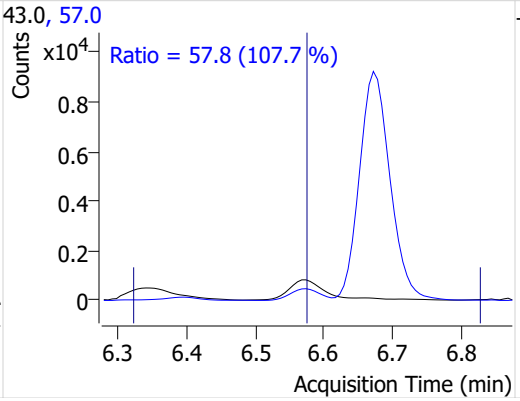


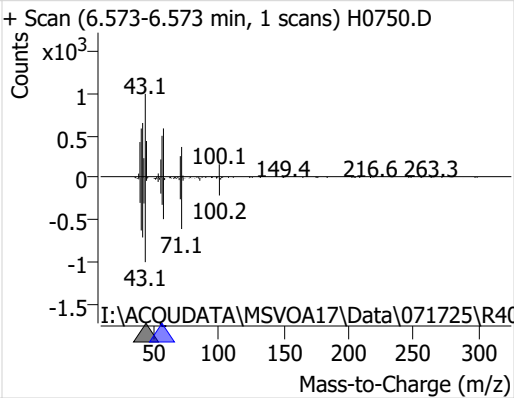




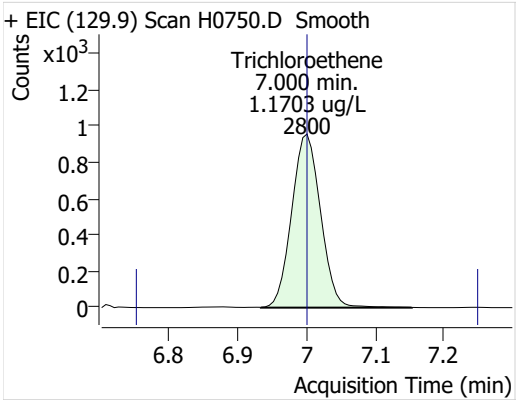
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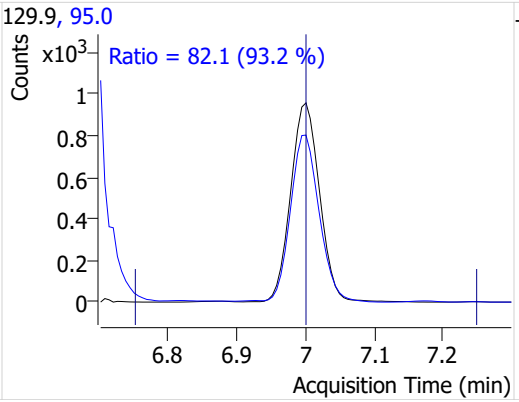


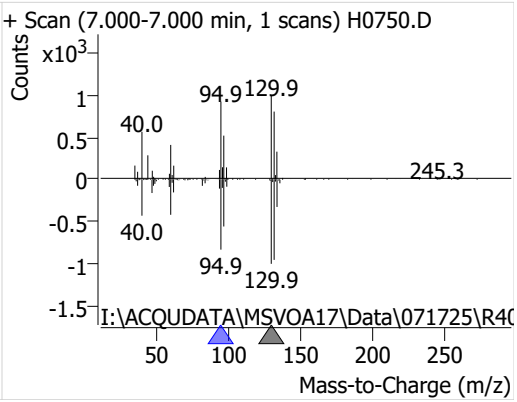




Trichloroethene

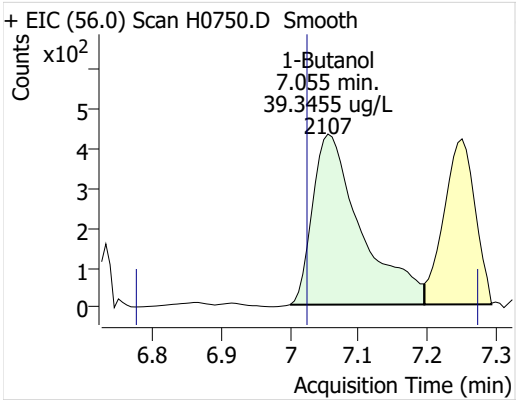


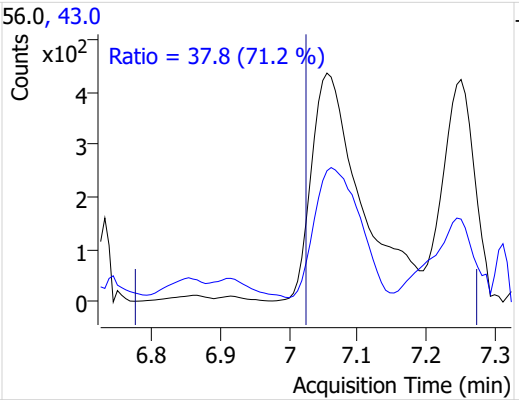


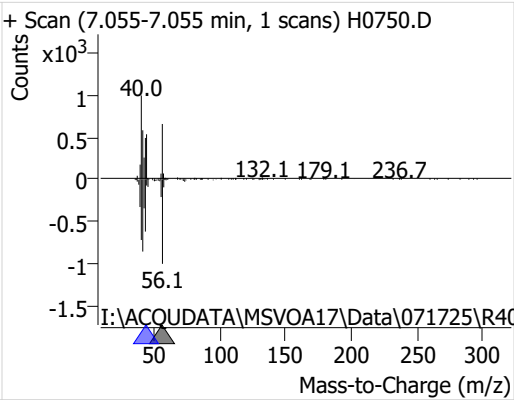


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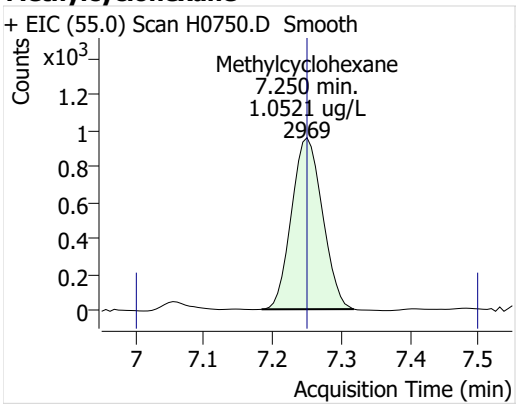
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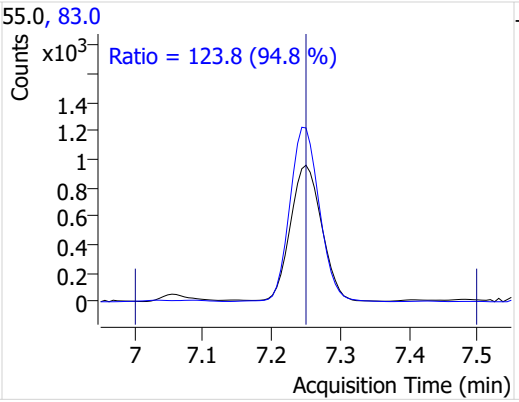


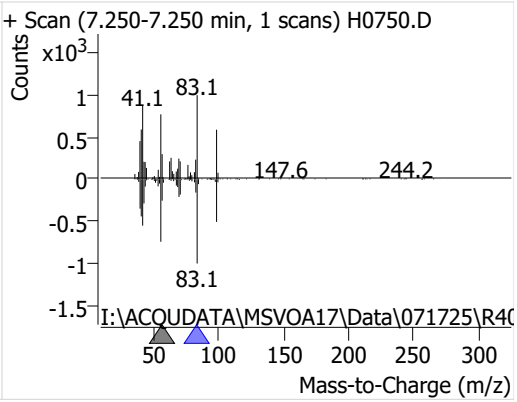




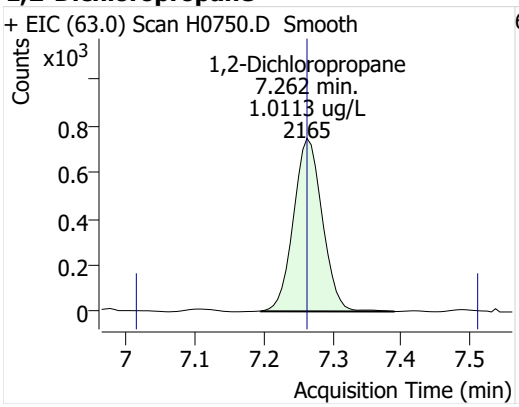
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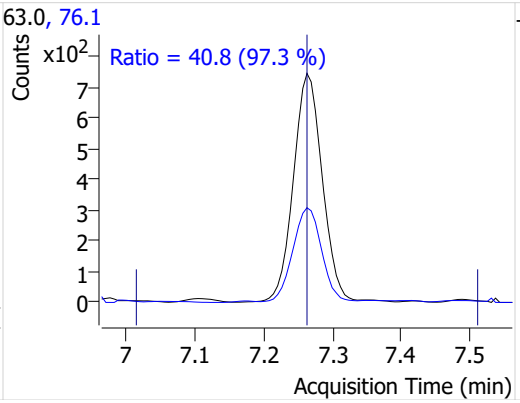


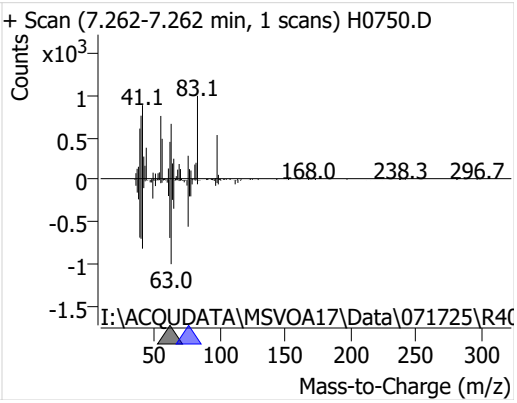




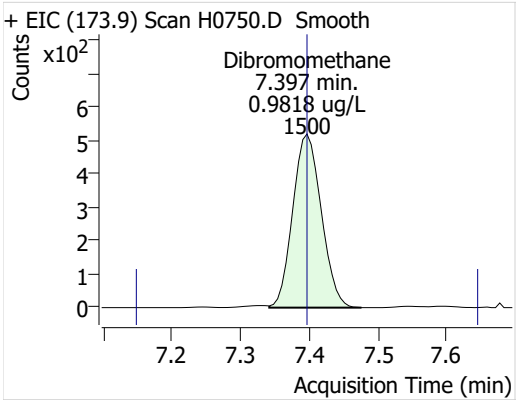
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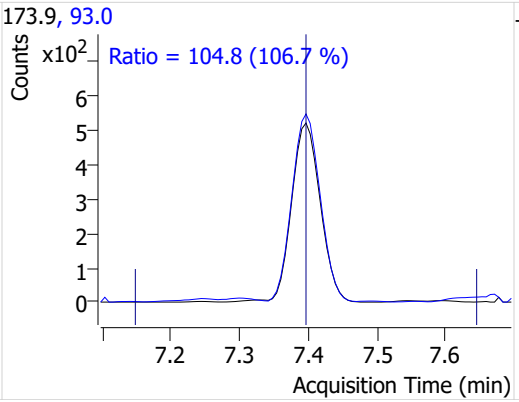


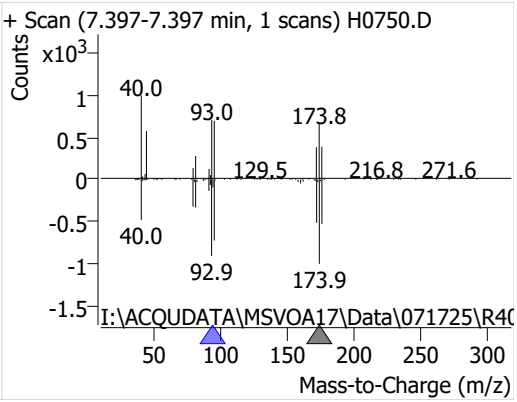




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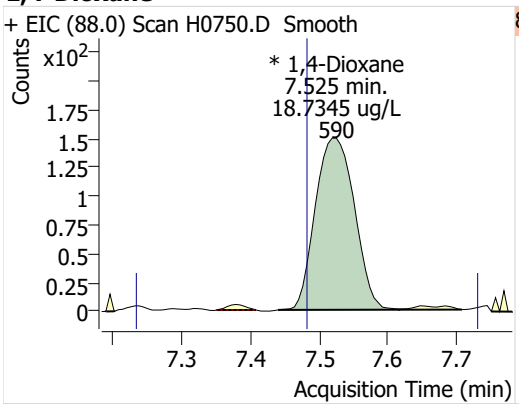


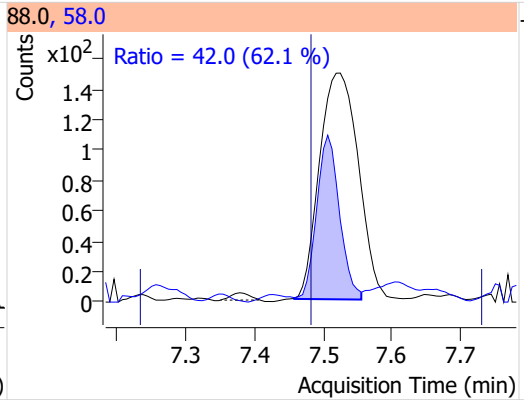


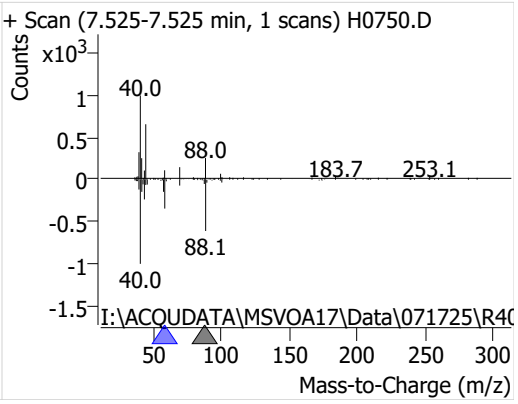


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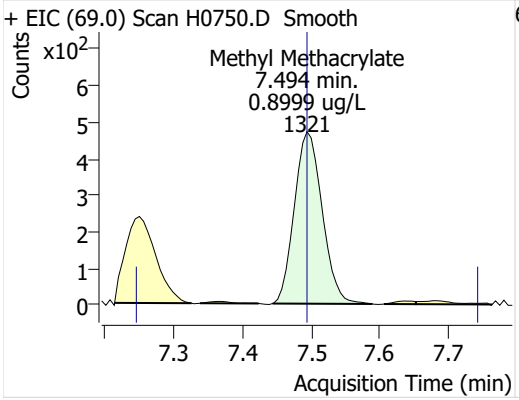
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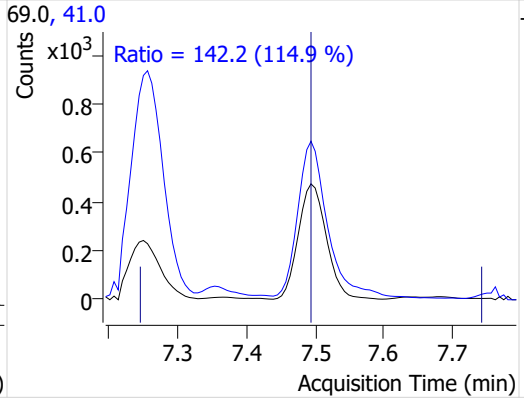


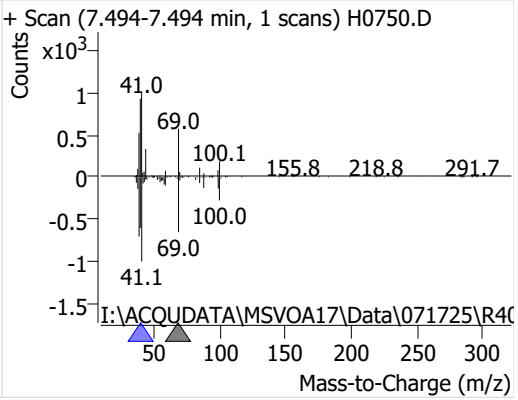




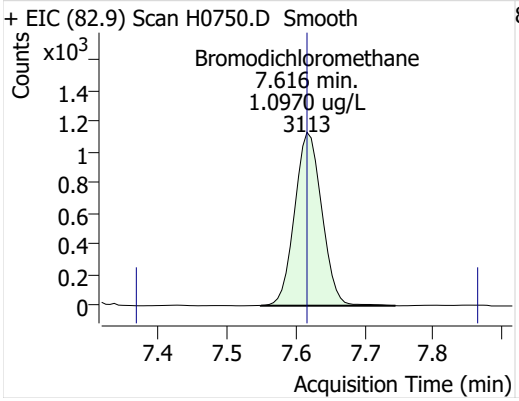
Methyl Methacrylate

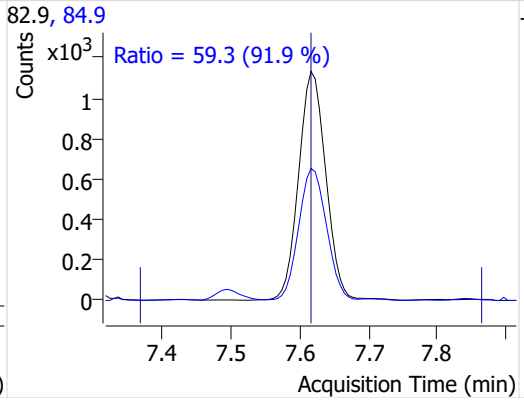


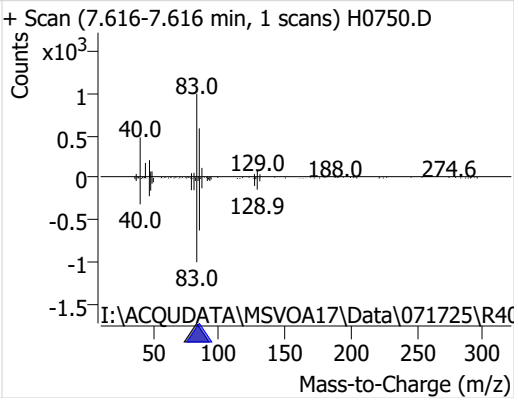




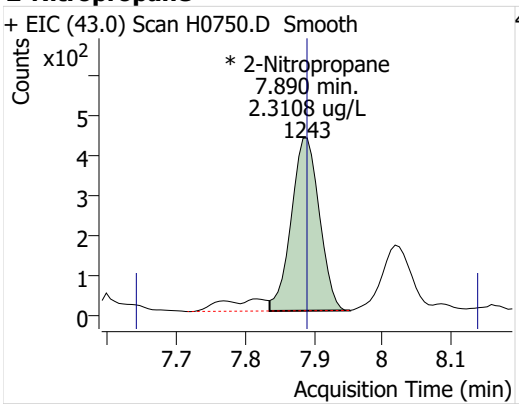
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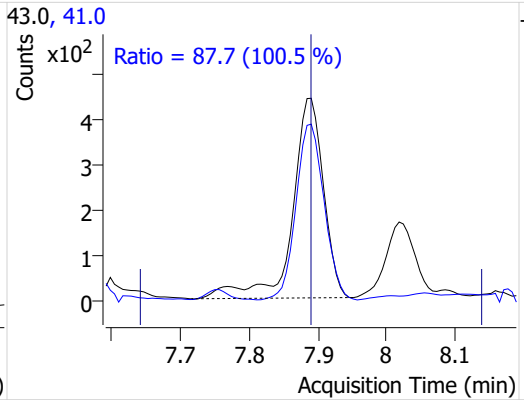


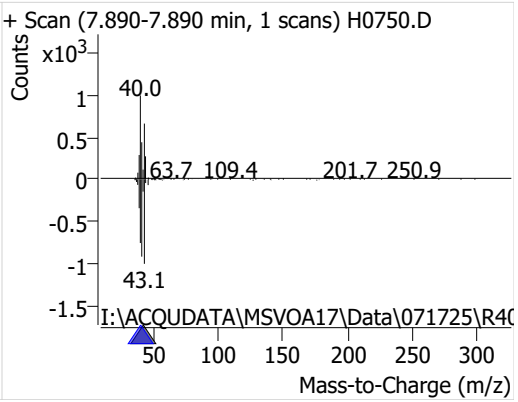




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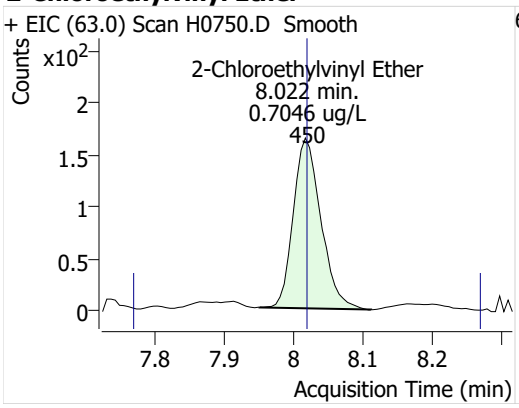


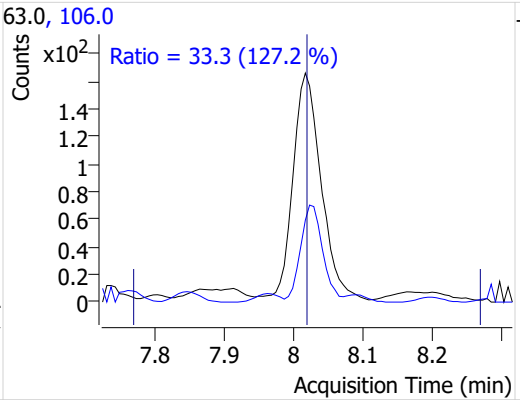


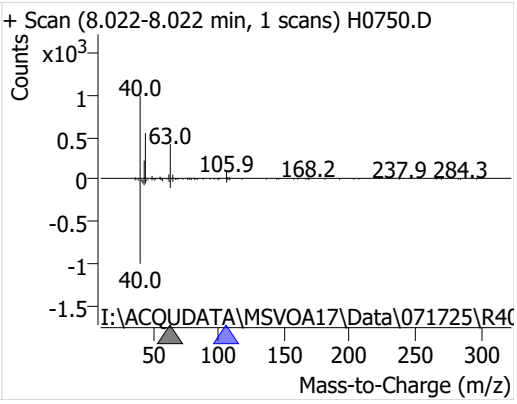


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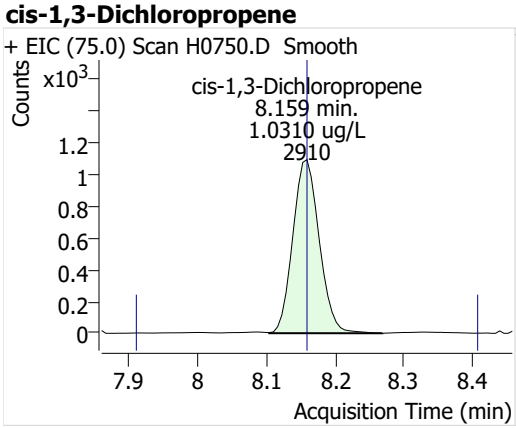
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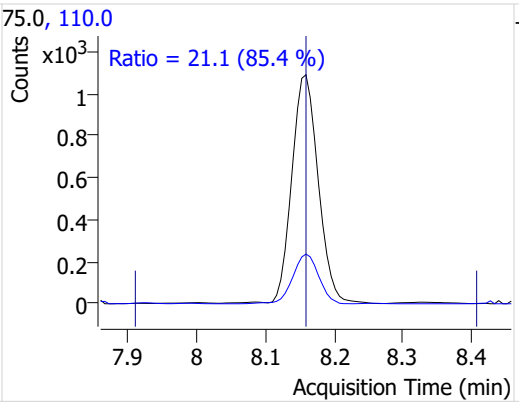


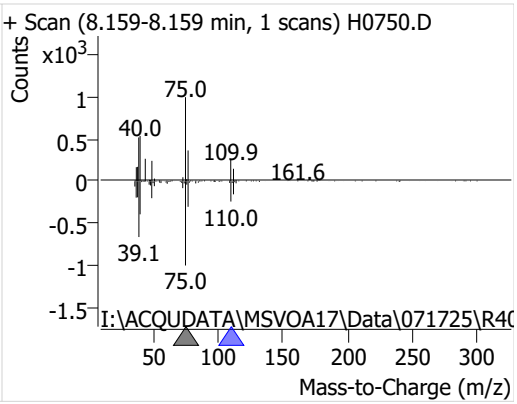




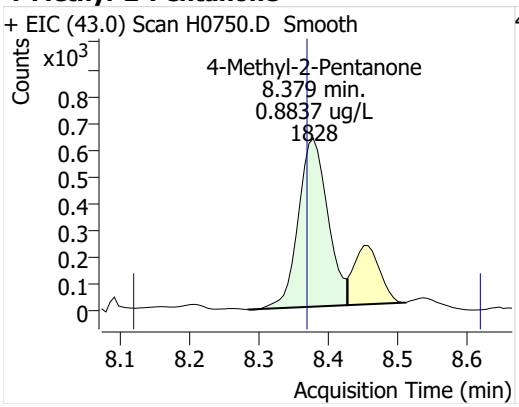
cis-1,3-Dichloropropene

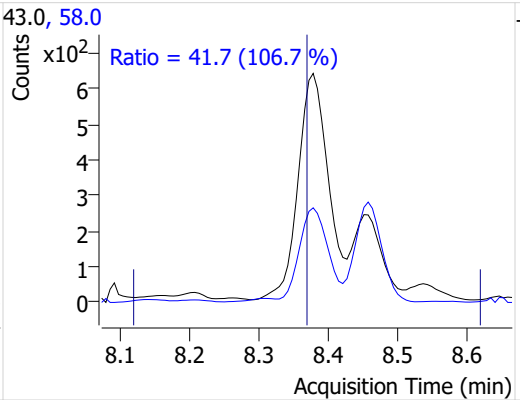


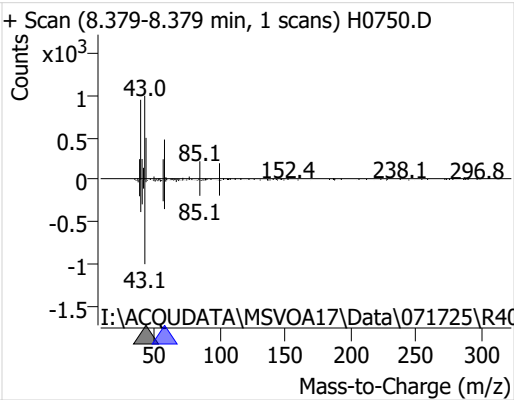




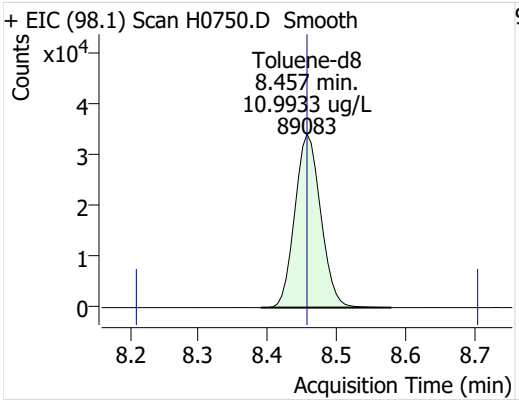
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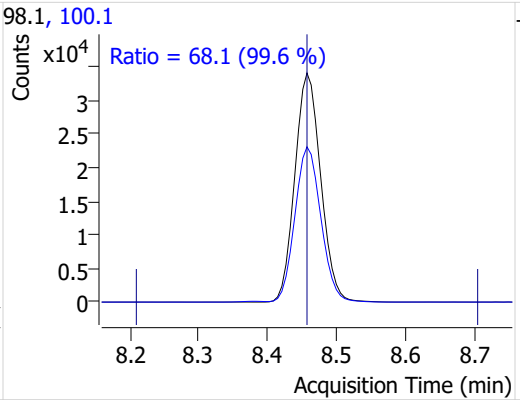


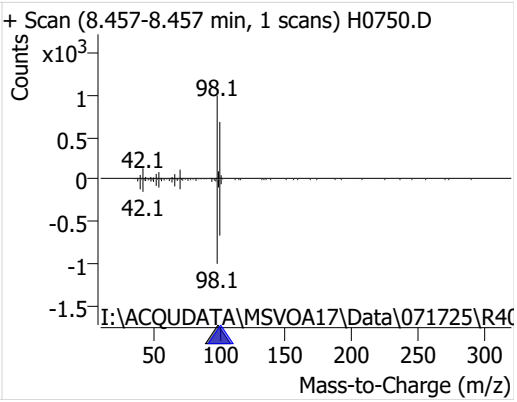




Toluene-d8

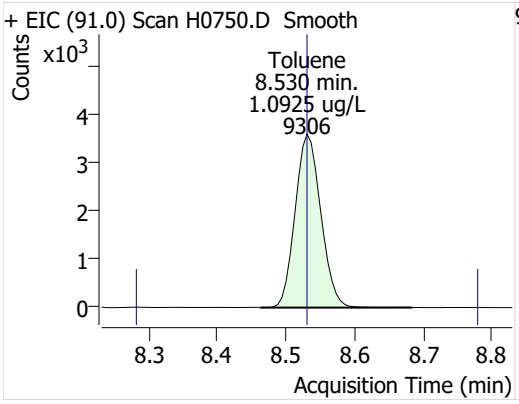


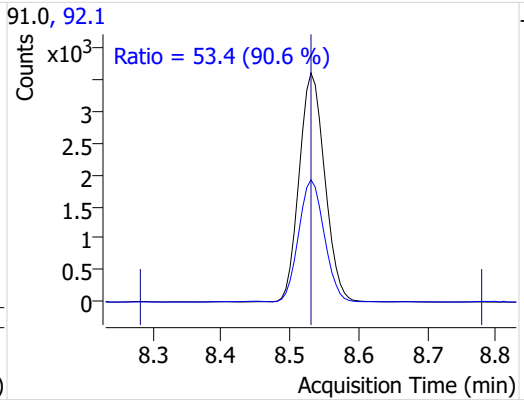


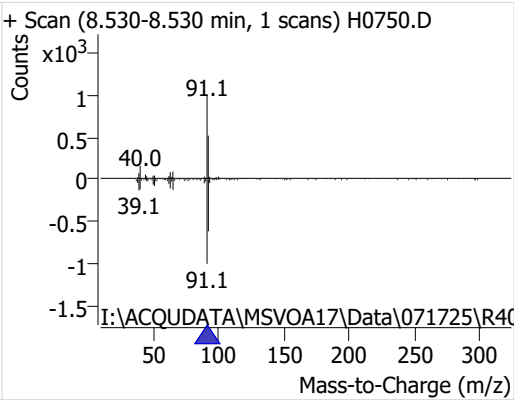


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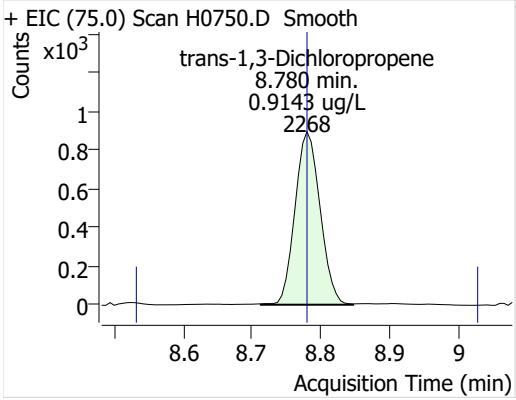
Toluene

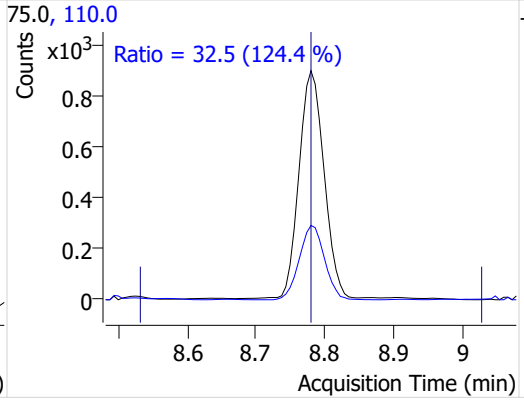


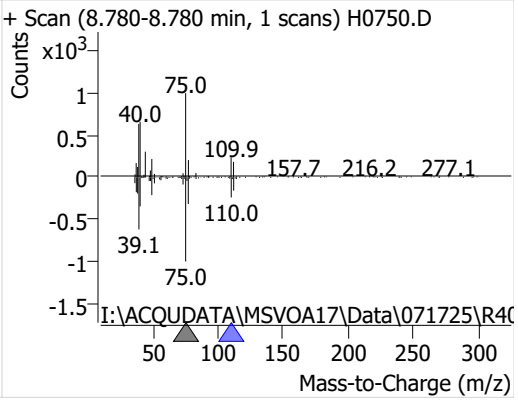




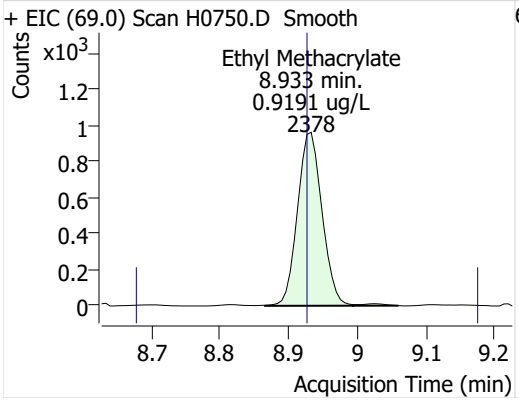
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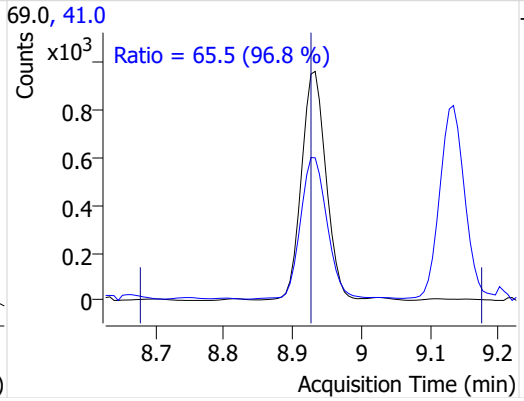


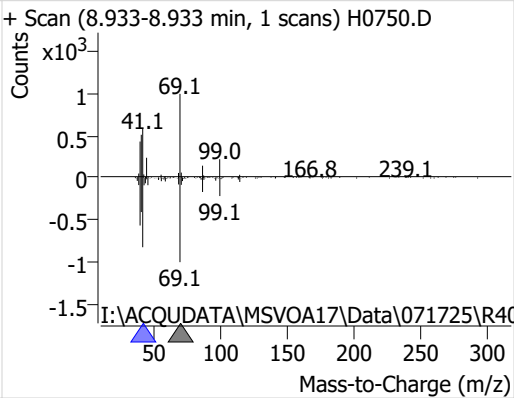




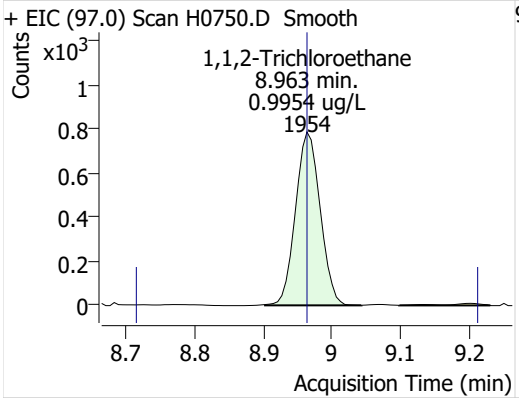
Ethyl Methacrylate

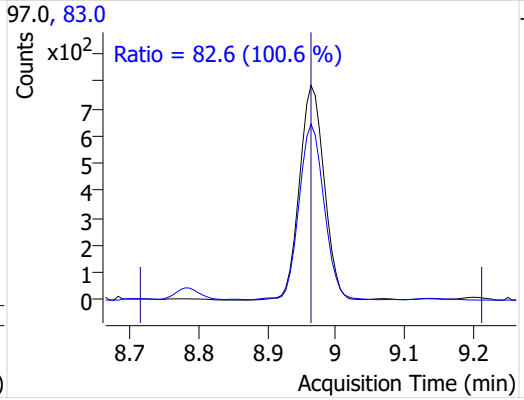


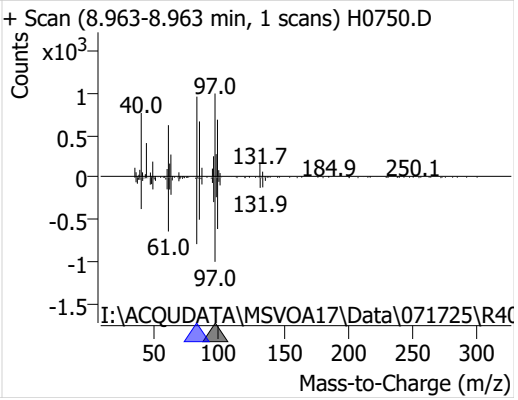




1,1,2-Trichloroethane

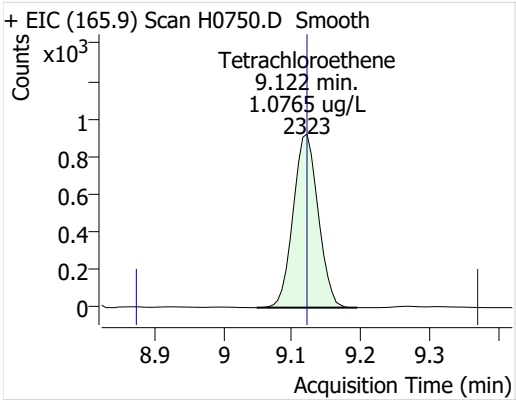


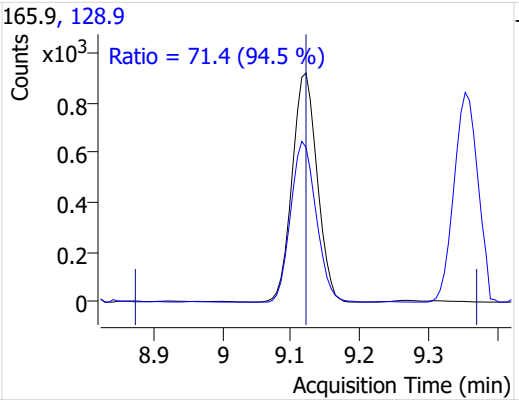


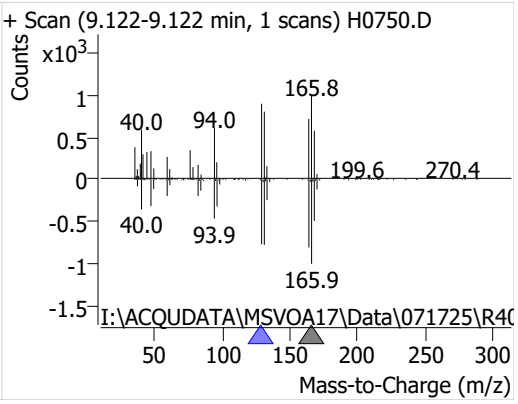


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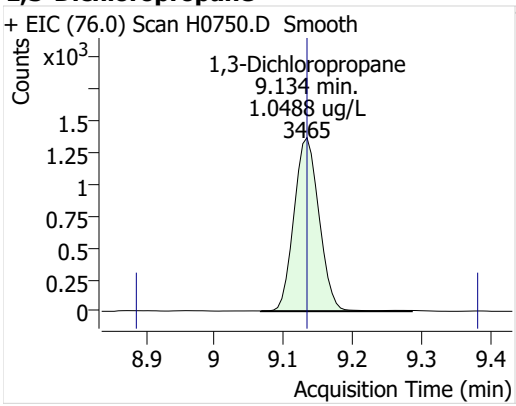
Tetrachloroethene

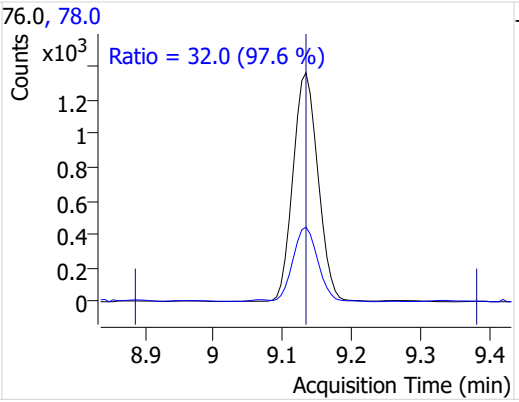


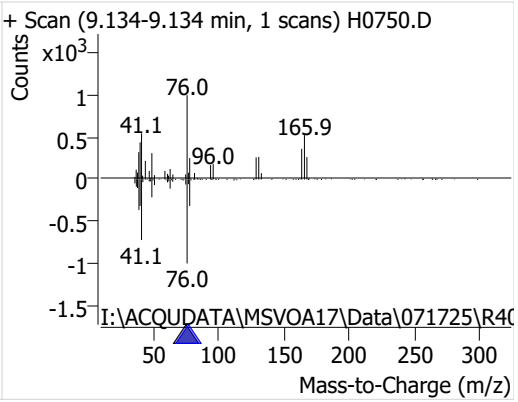




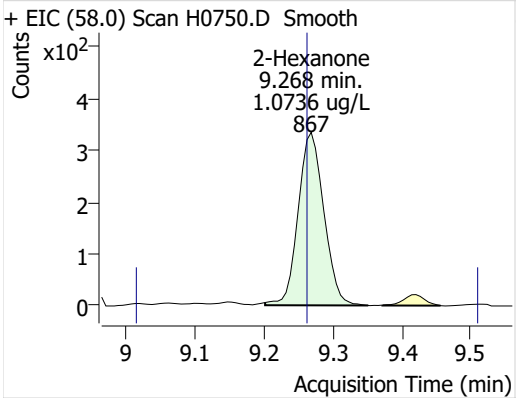
1,3-Dichloropropane

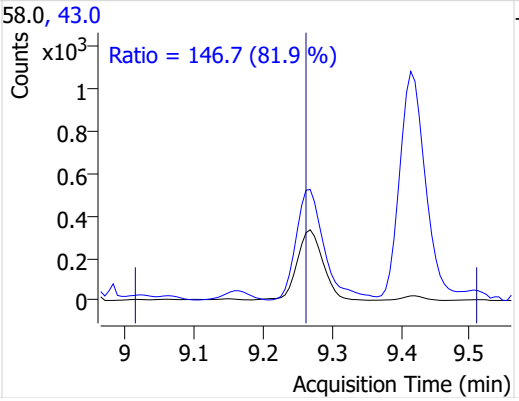


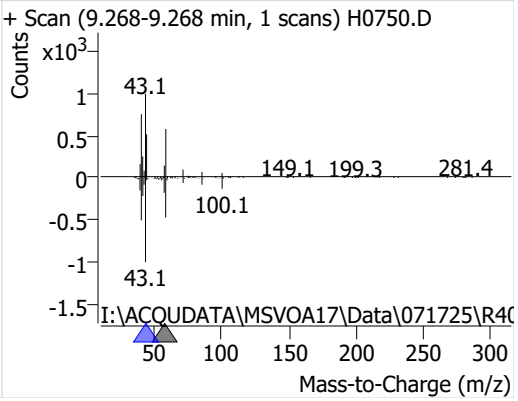




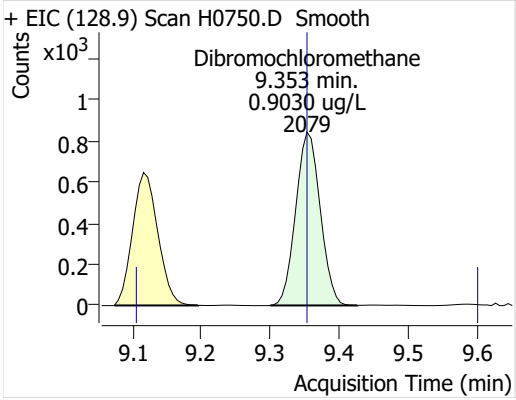
2-Hexanone

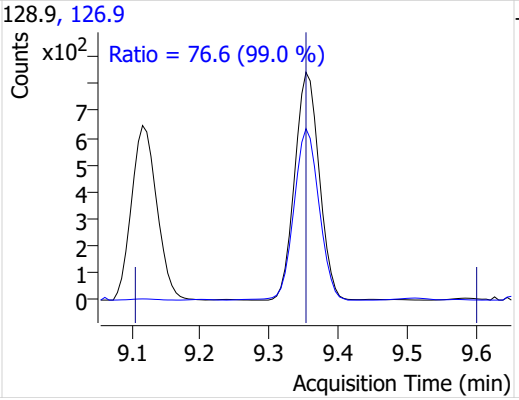


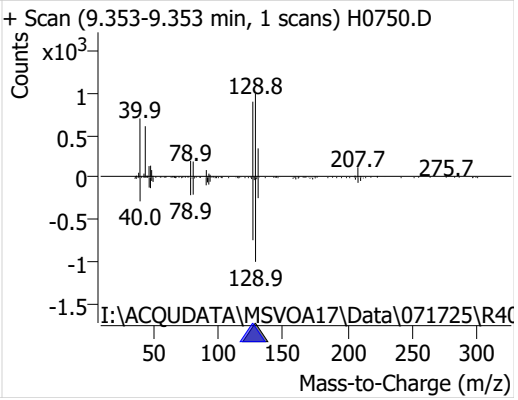




Dibromochloromethane

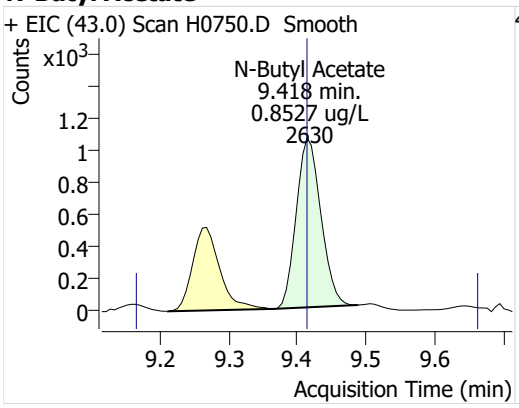


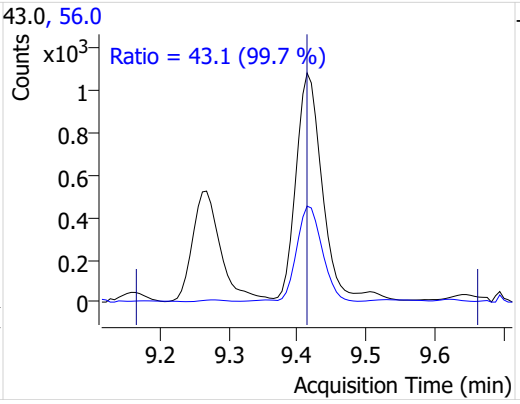


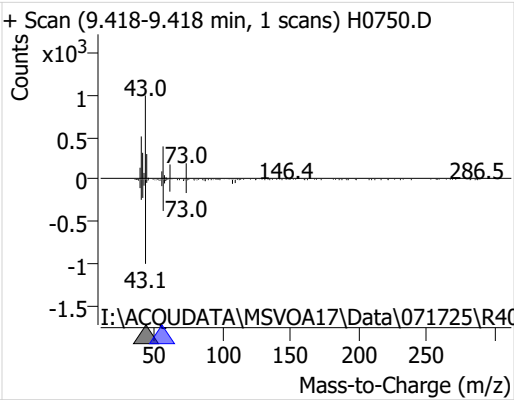


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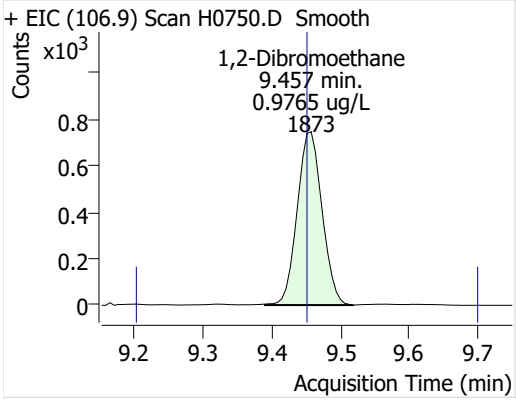
N-Butyl Acetate

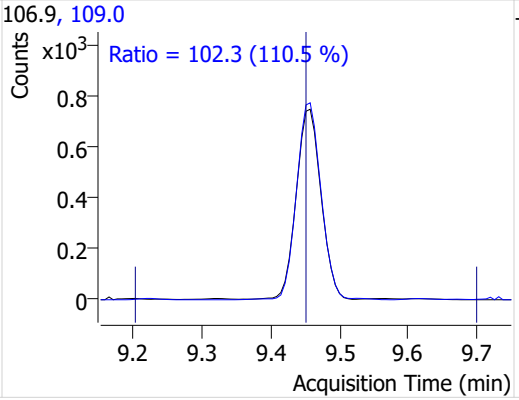


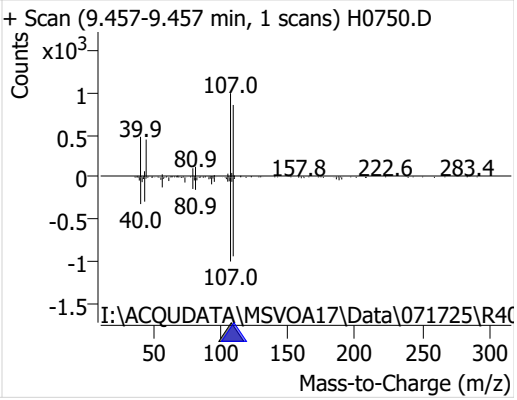




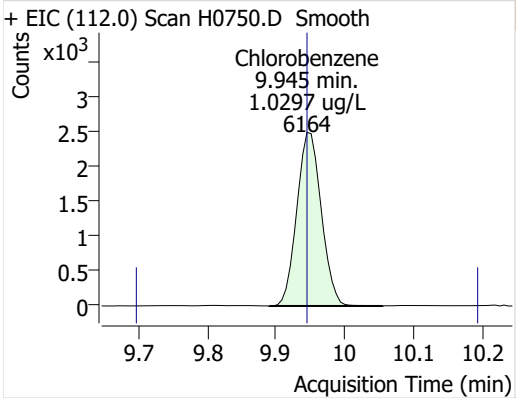
1,2-Dibromoethane

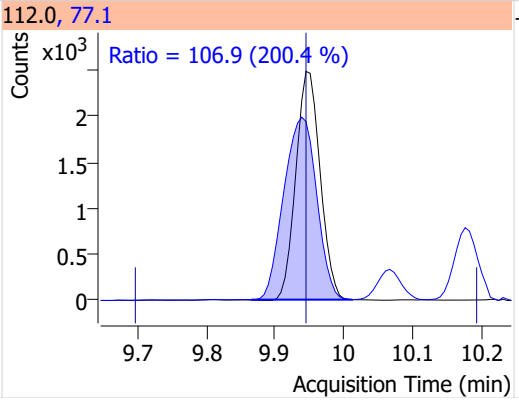


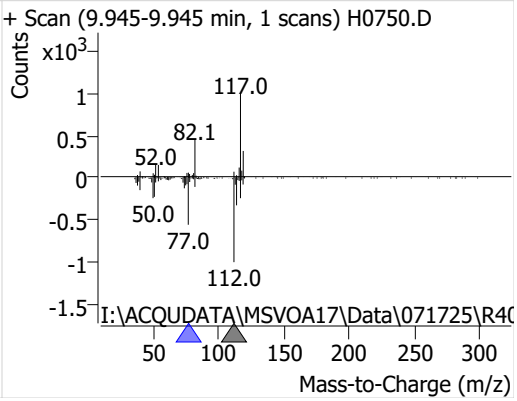




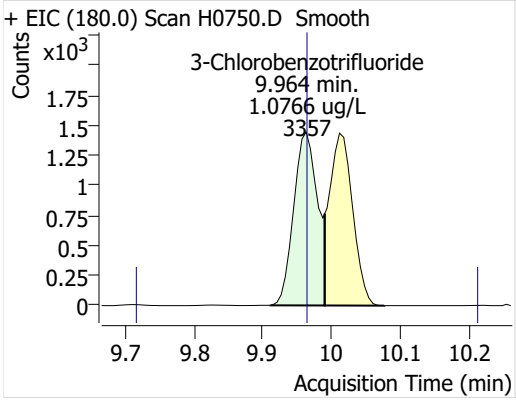
Chlorobenzene

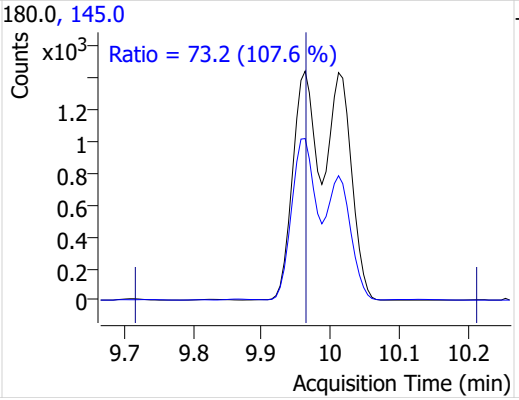


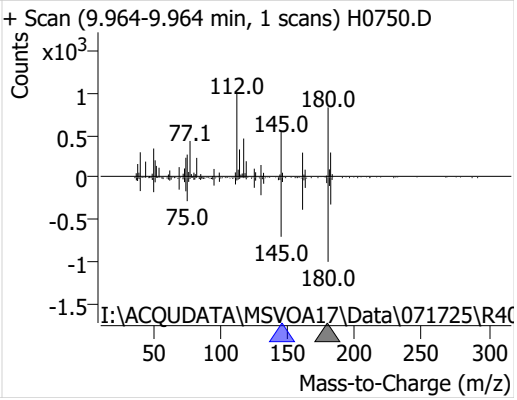




3-Chlorobenzotrifluoride

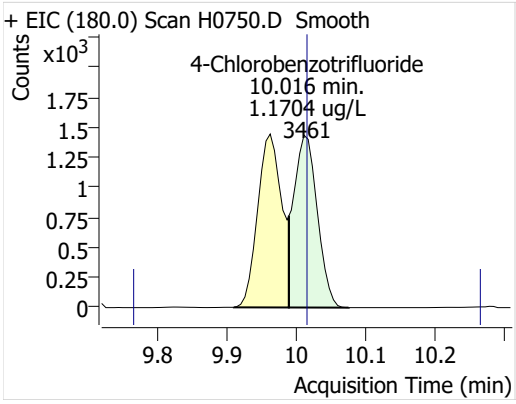


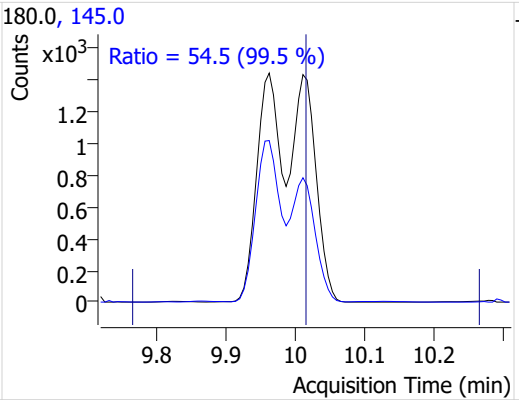


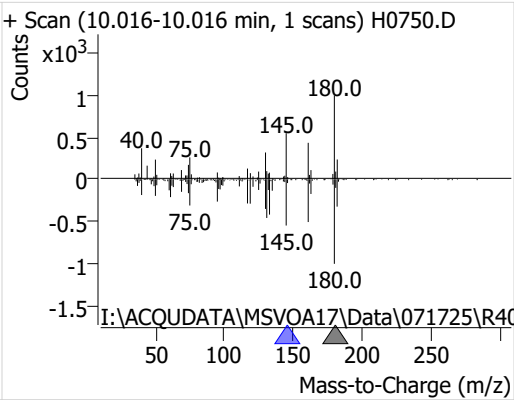


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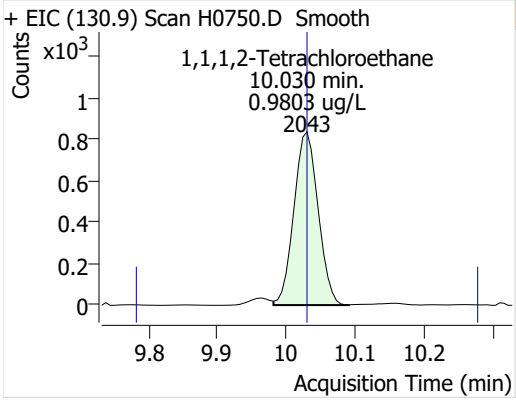
4-Chlorobenzotrifluoride

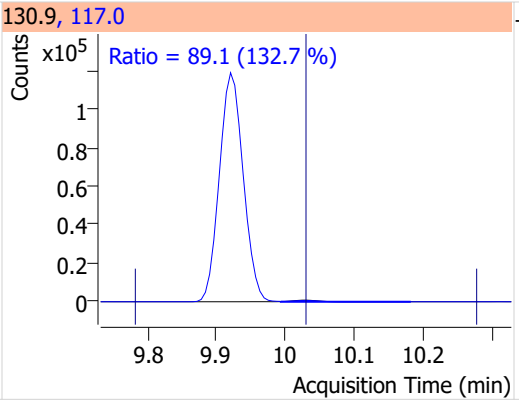


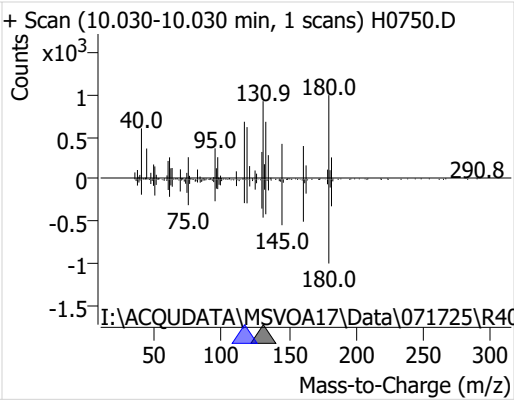




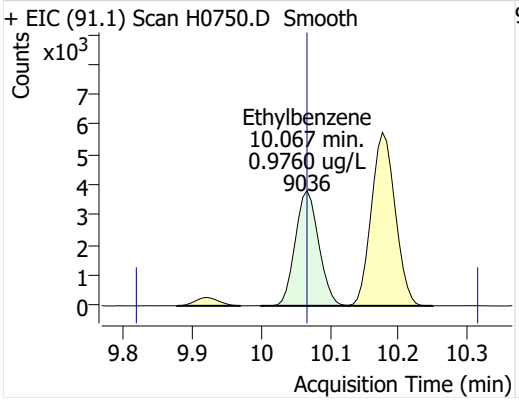
1,1,1,2-Tetrachloroethane

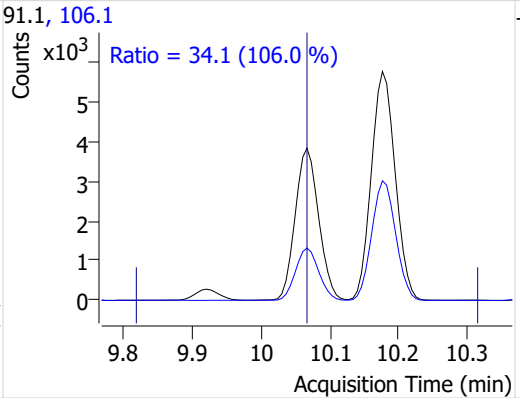


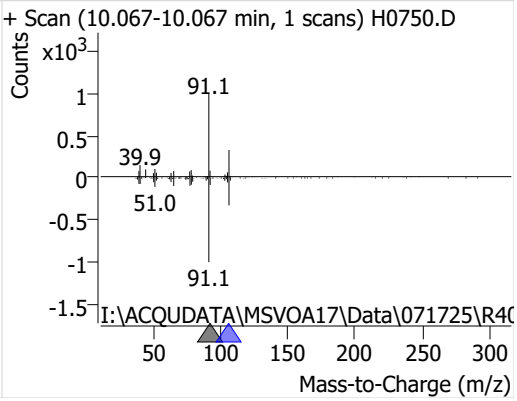




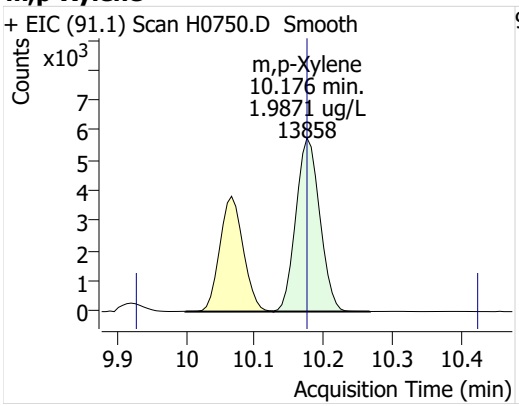
Ethylbenzene

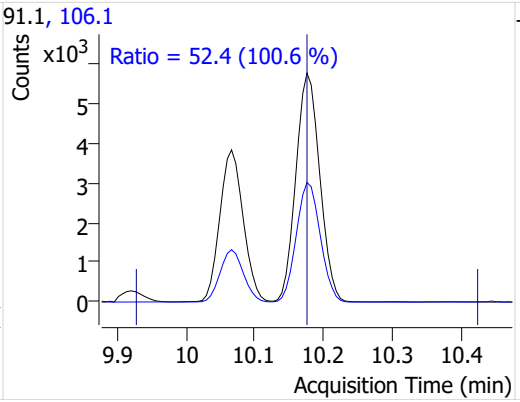


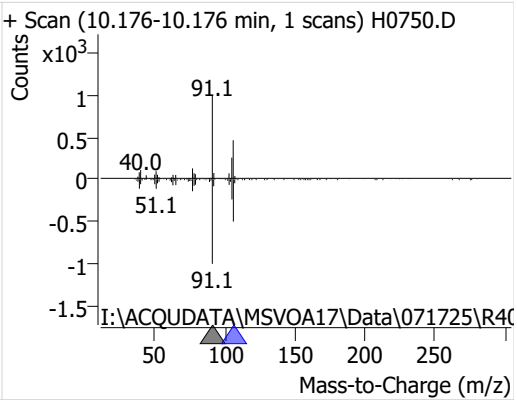




m,p-Xylene

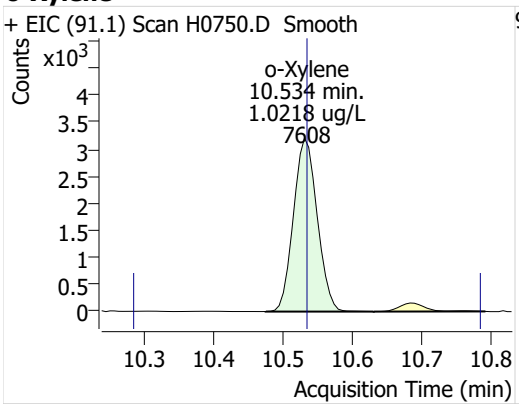


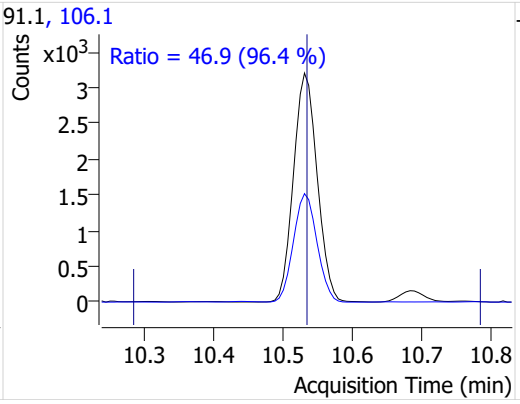


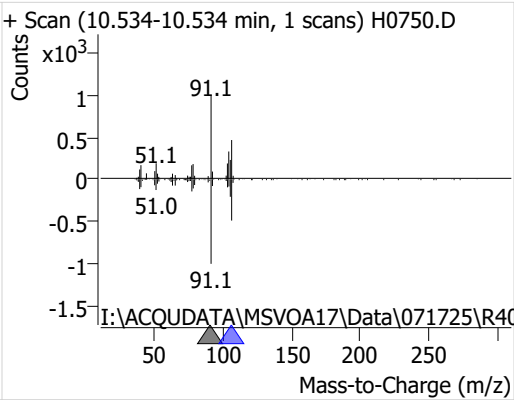


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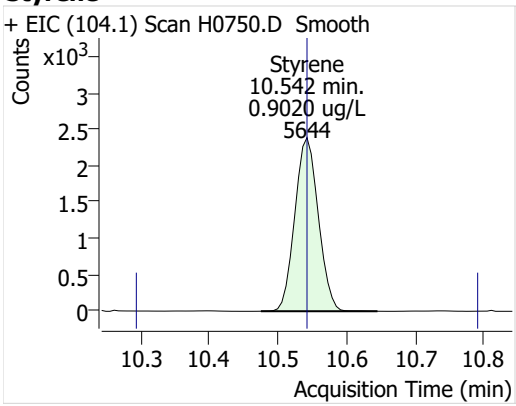
o-Xylene

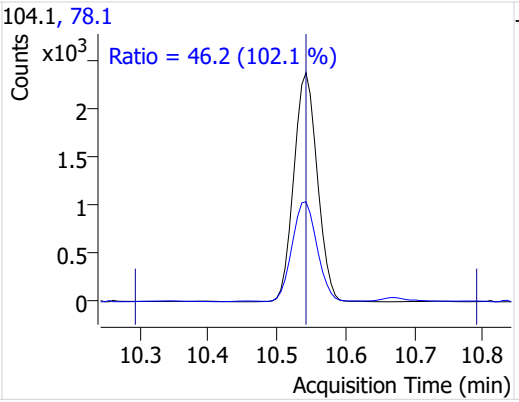


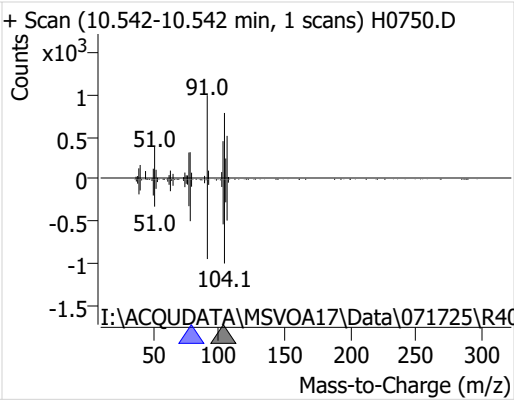




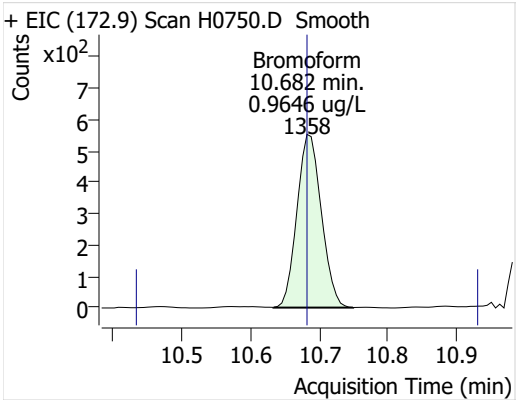
Styrene

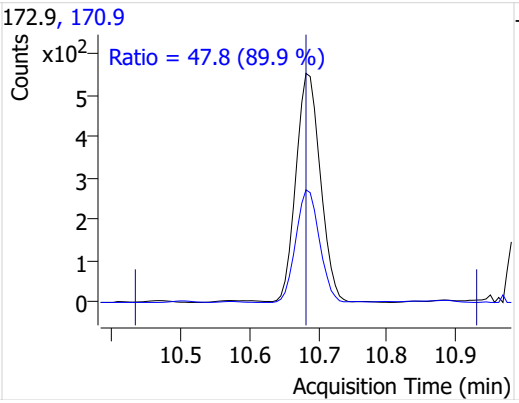


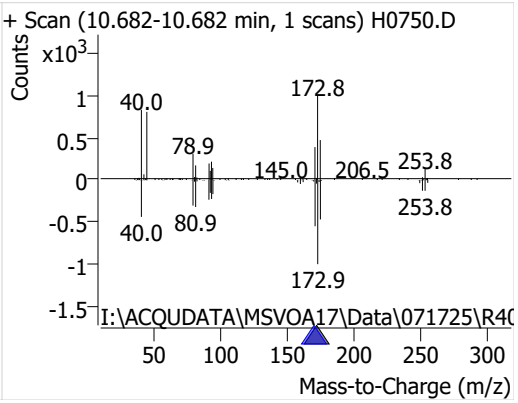




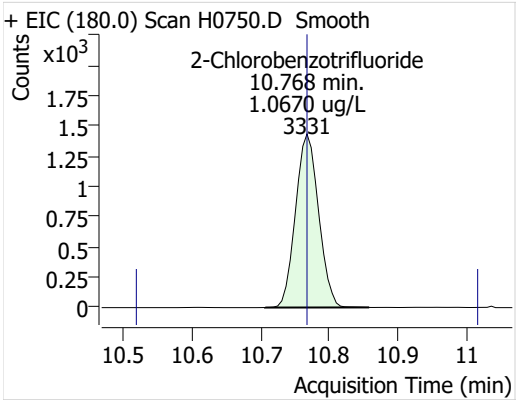
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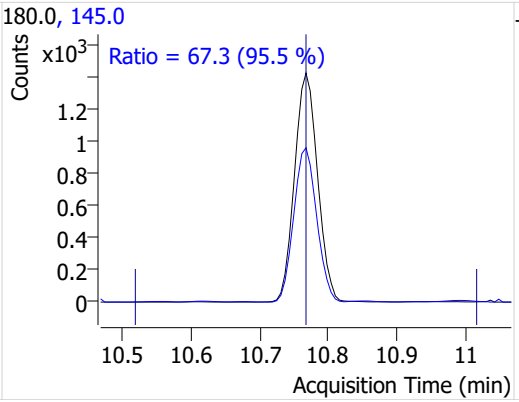


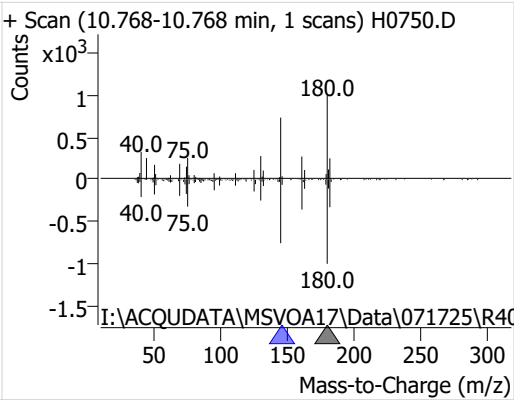




2-Chlorobenzotrifluoride

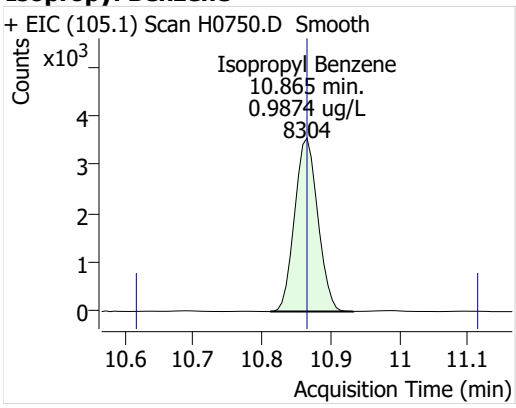


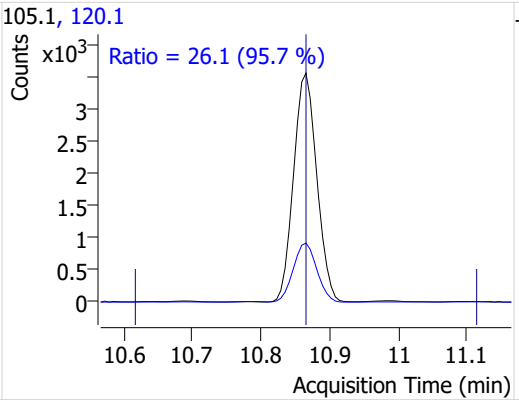


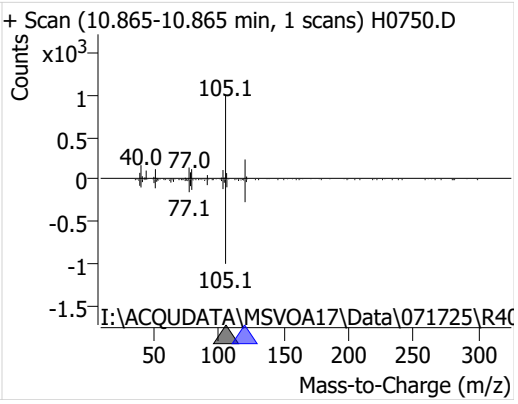


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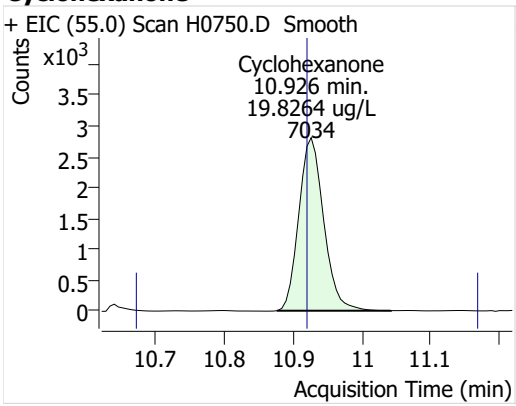
Isopropyl Benzene

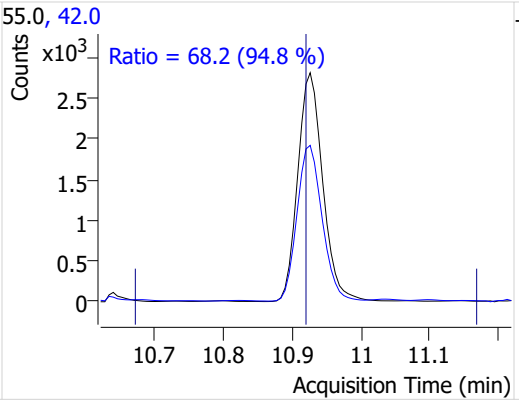


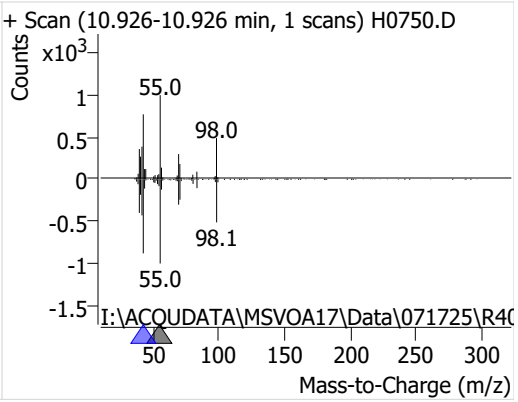




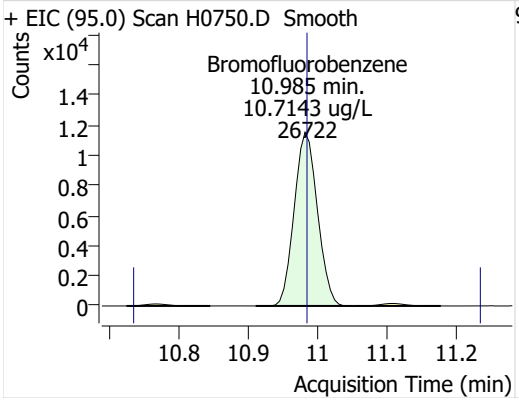
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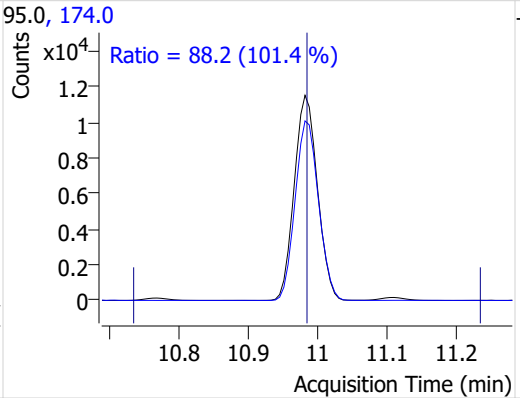


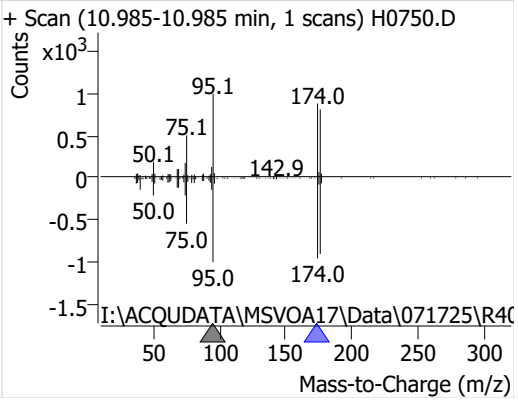




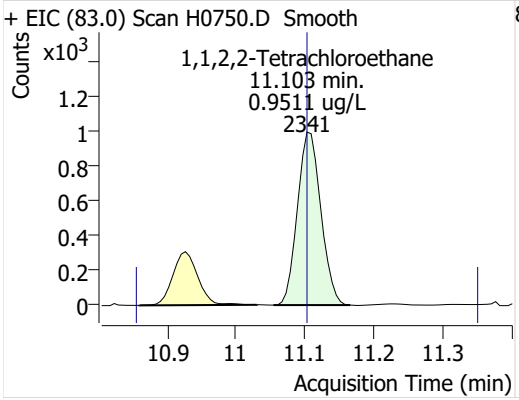
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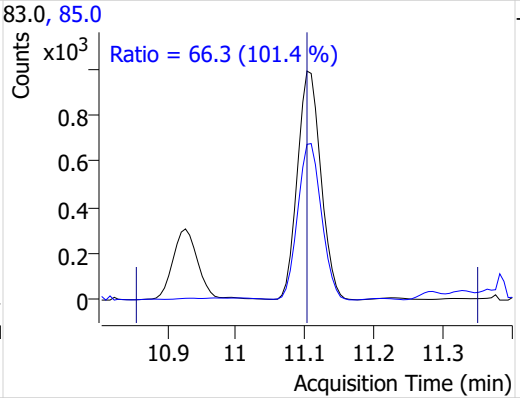


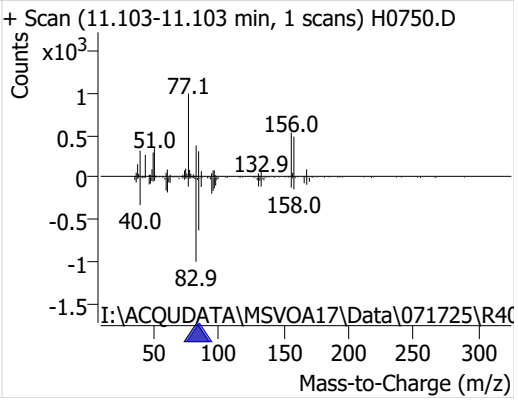




1,1,2,2-Tetrachloroethane

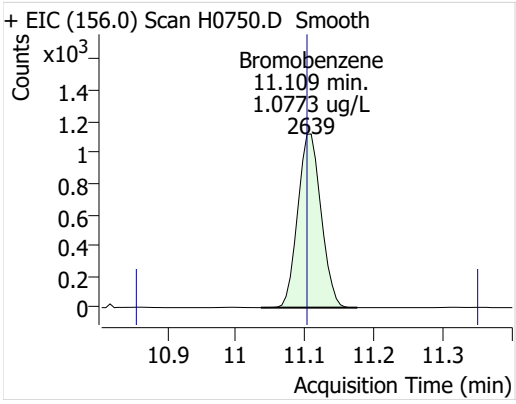


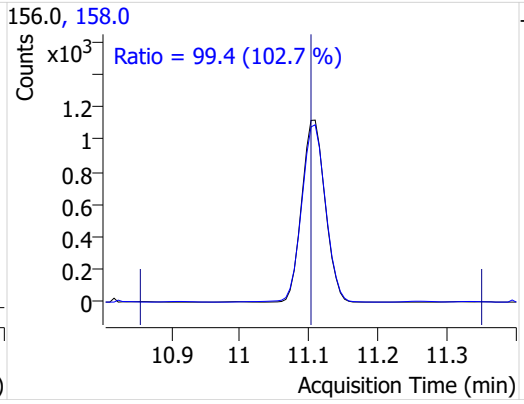


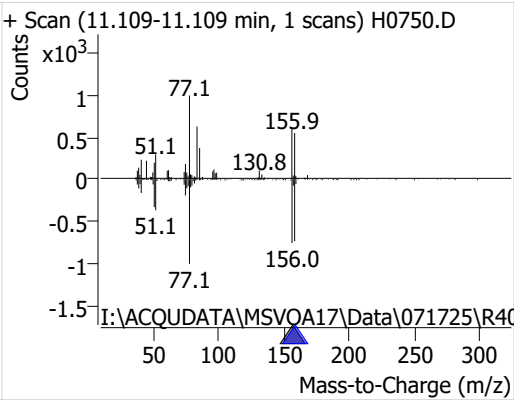


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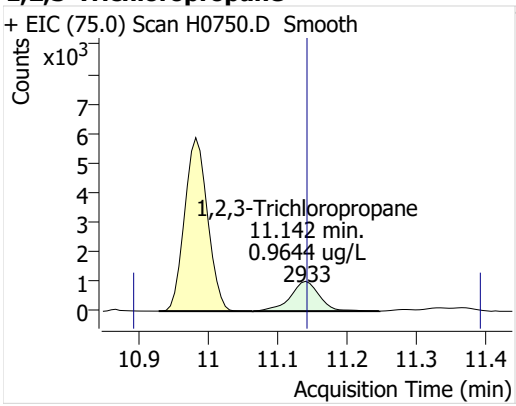
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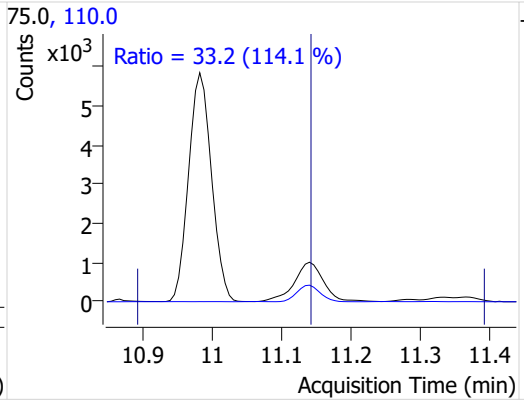


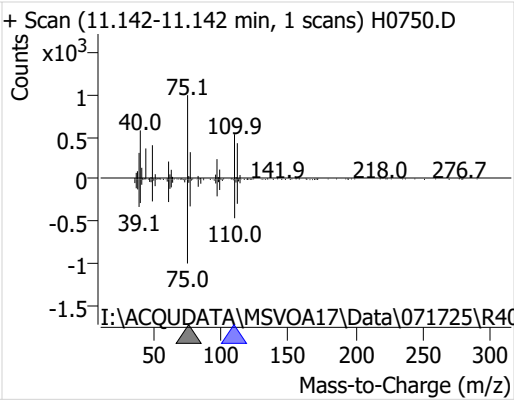




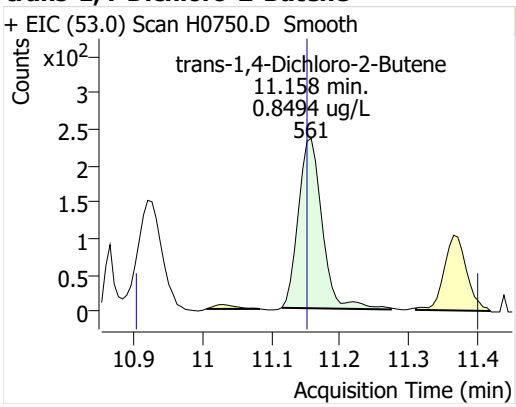
1,2,3-Trichloropropane

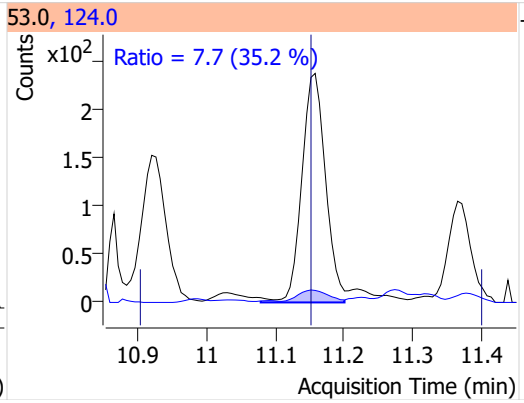


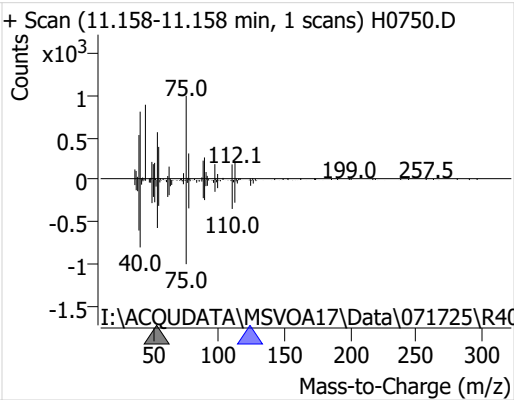




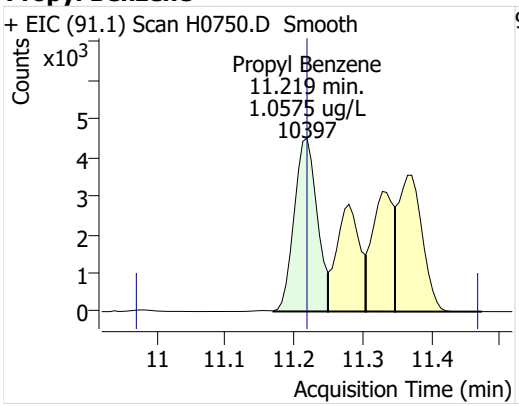
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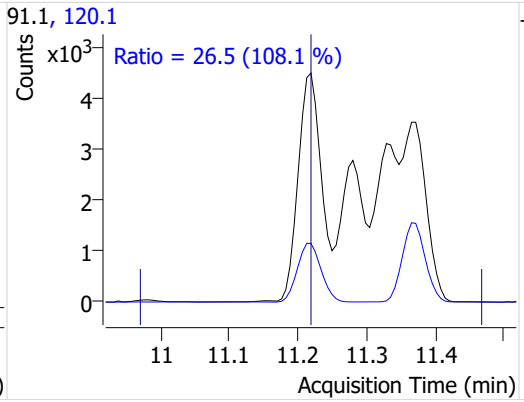


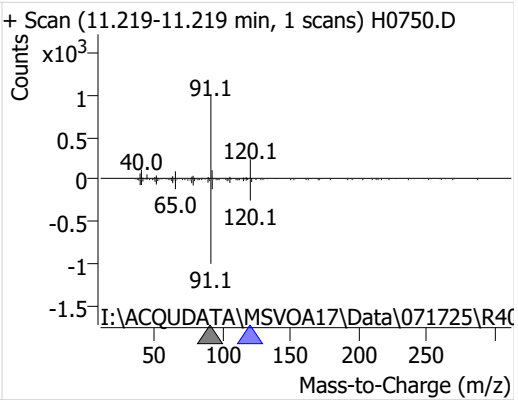




Propyl Benzene

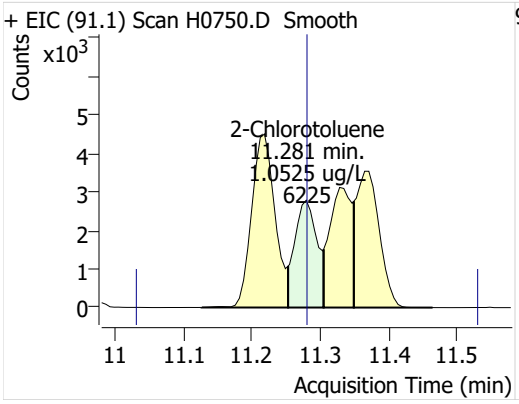


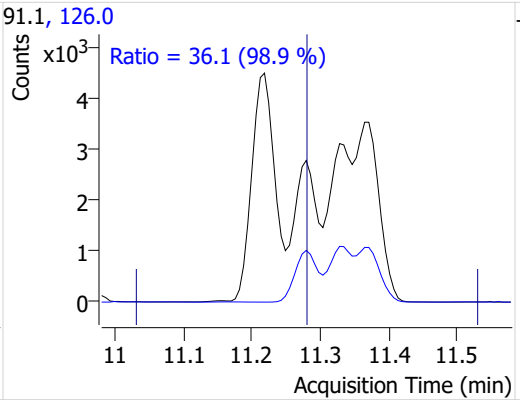


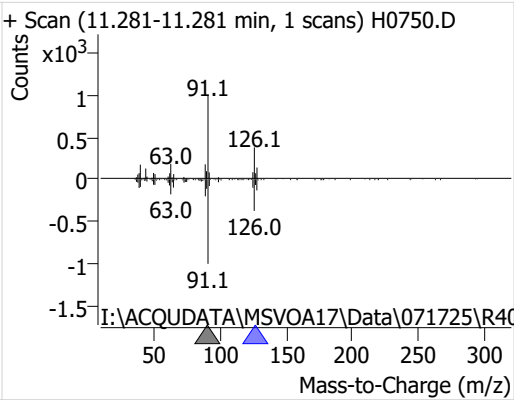


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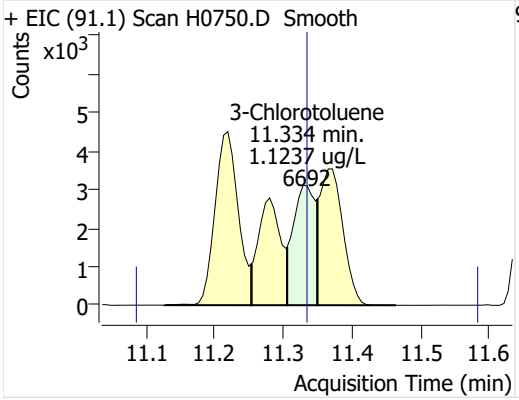
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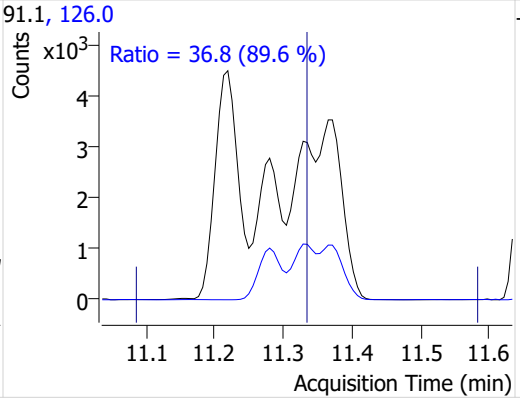


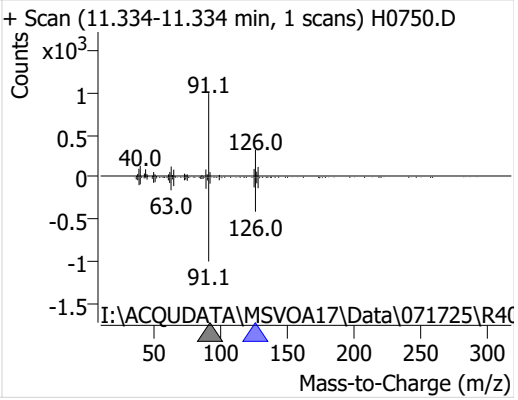




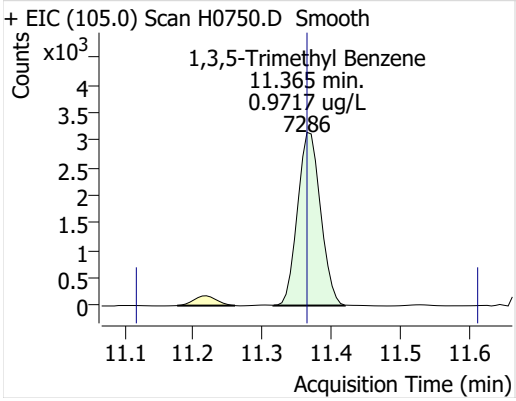
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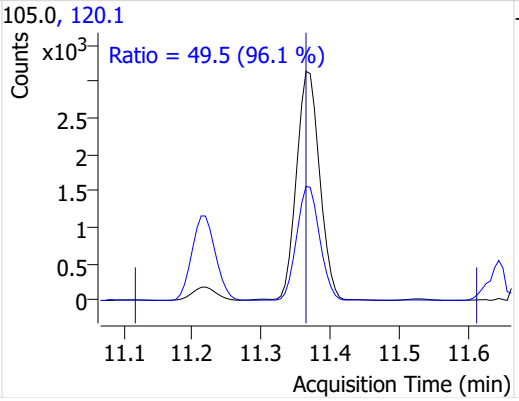


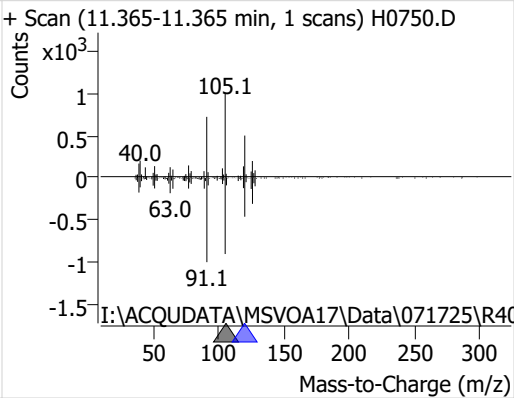




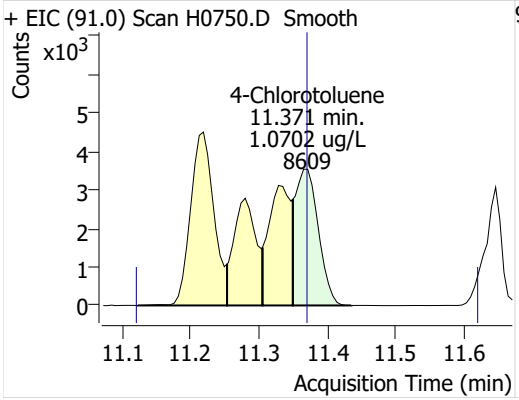
1,3,5-Trimethyl Benzene

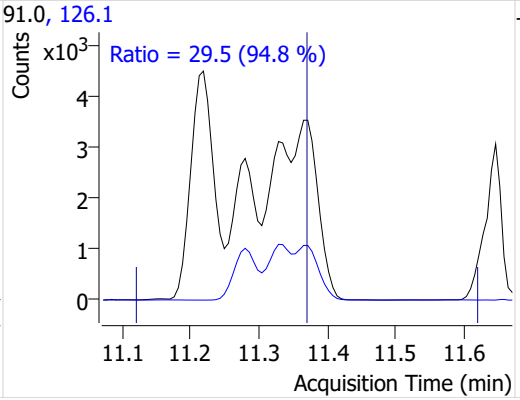


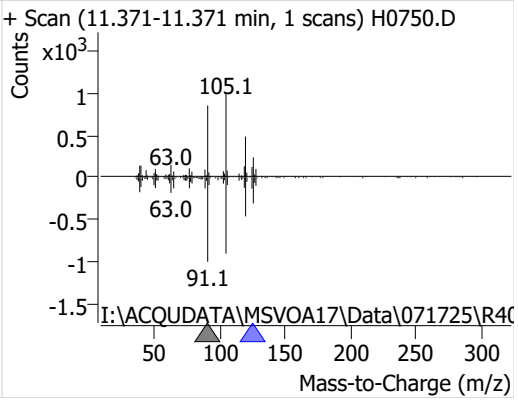




4-Chlorotoluene

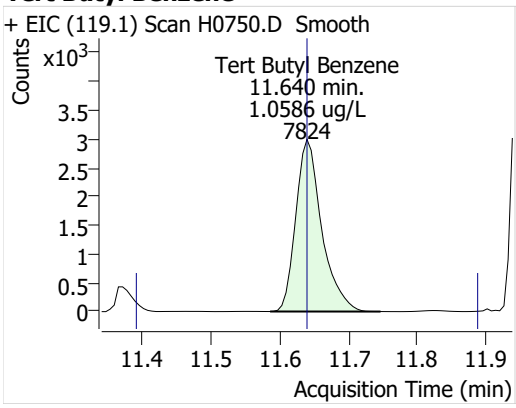


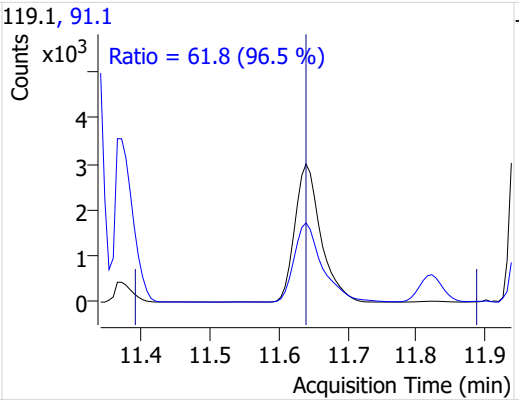


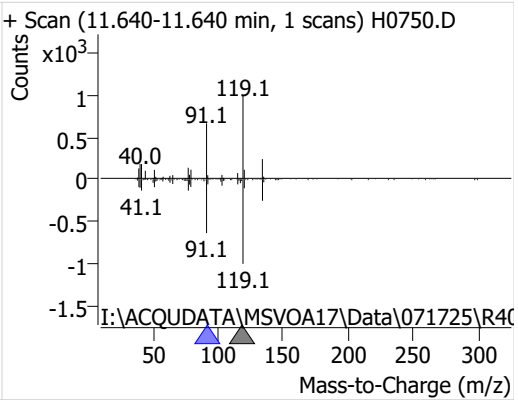


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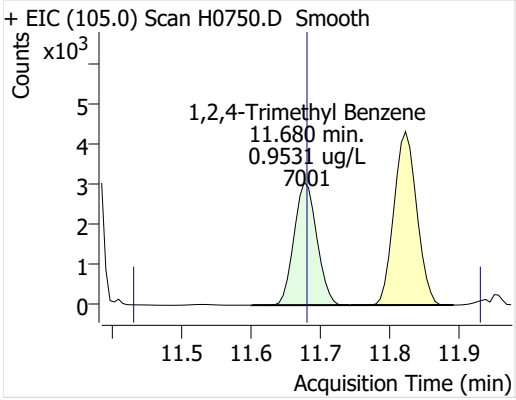
Tert Butyl Benzene

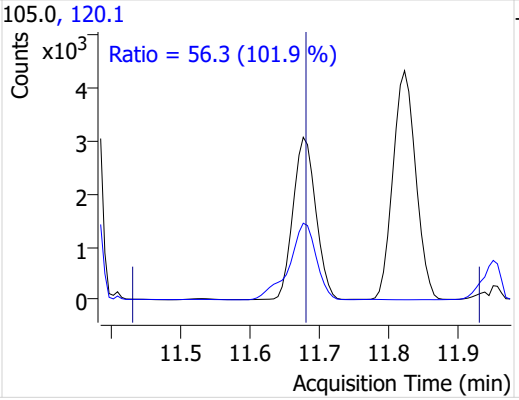


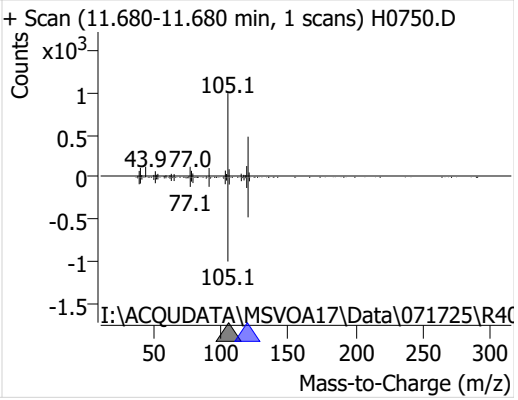




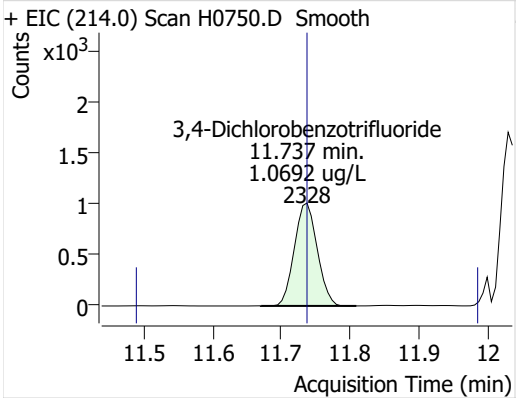
1,2,4-Trimethyl Benzene

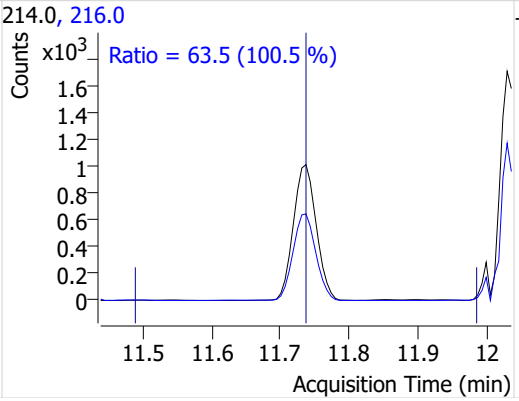


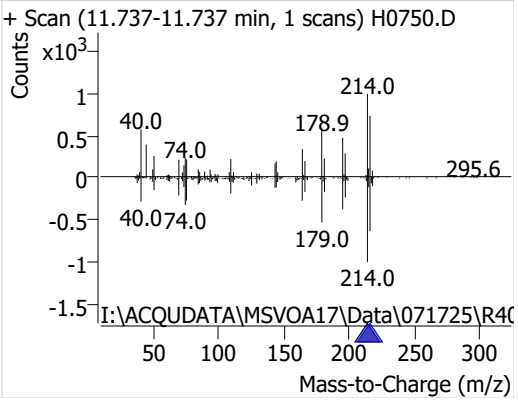




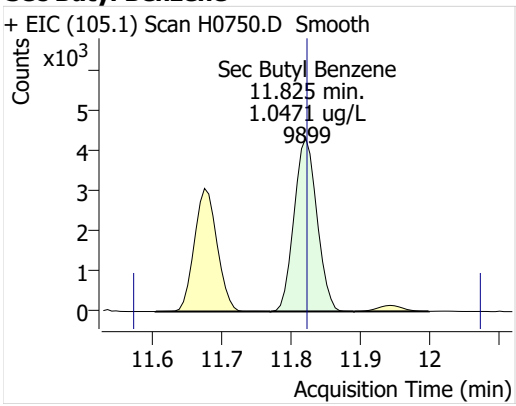
3,4-Dichlorobenzotrifluoride

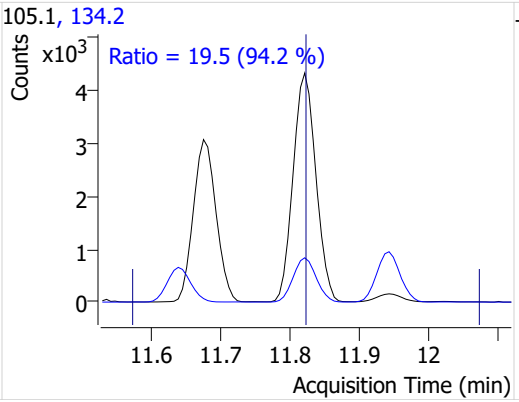


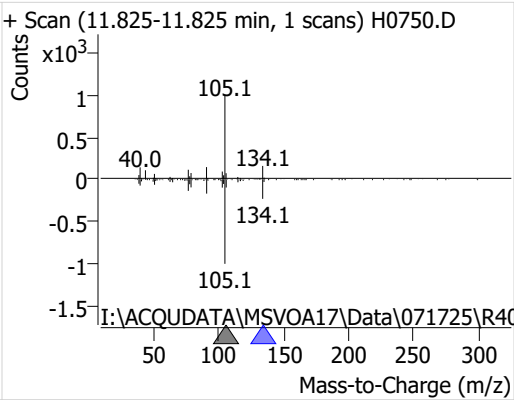




Sec Butyl Benzene

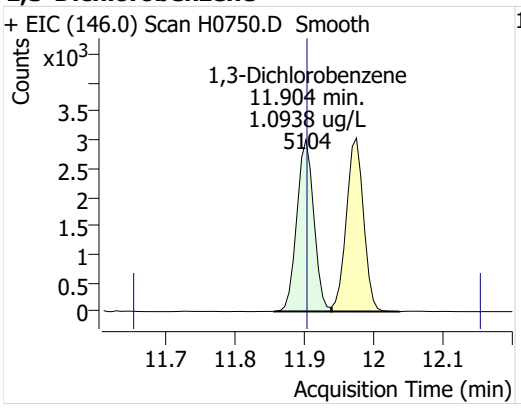


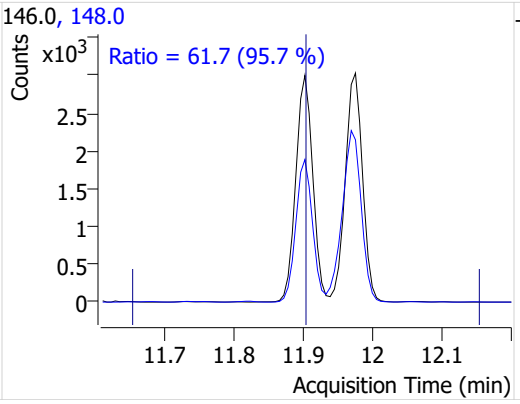


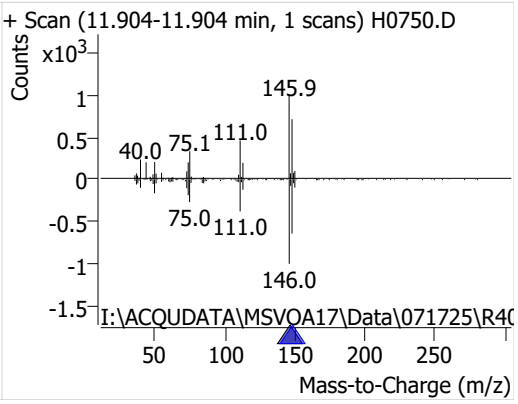


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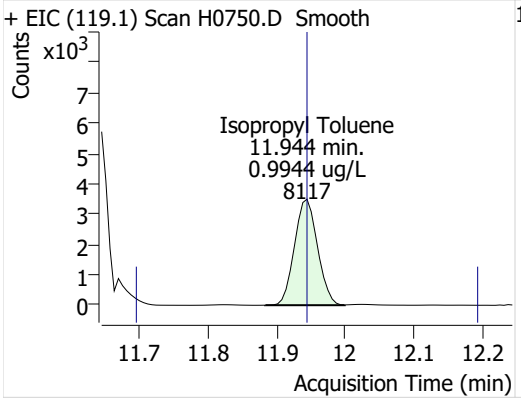
1,3-Dichlorobenzene

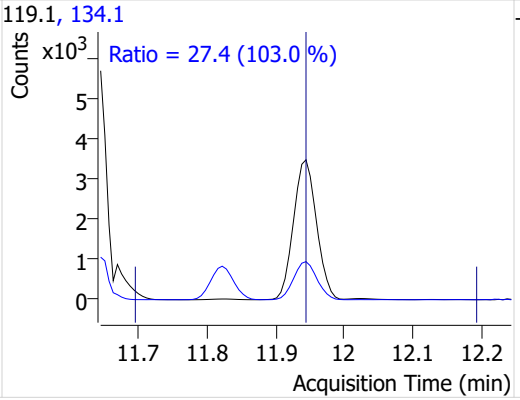


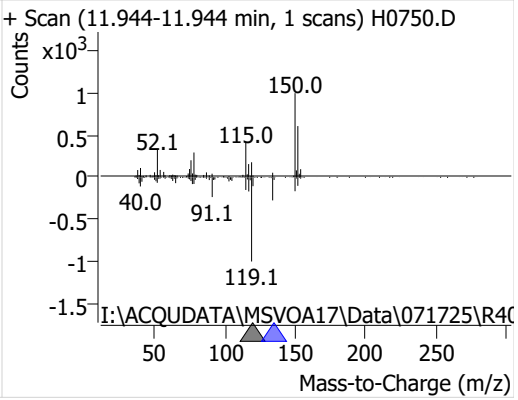




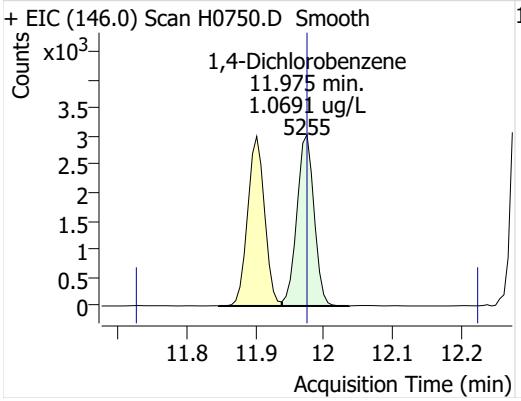
Isopropyl Toluene

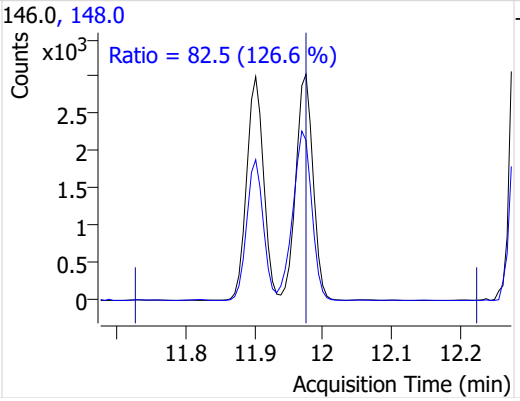


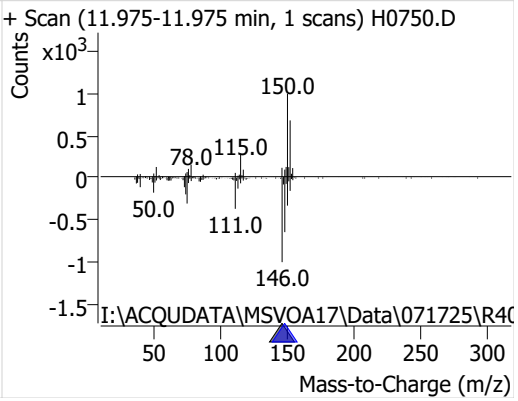




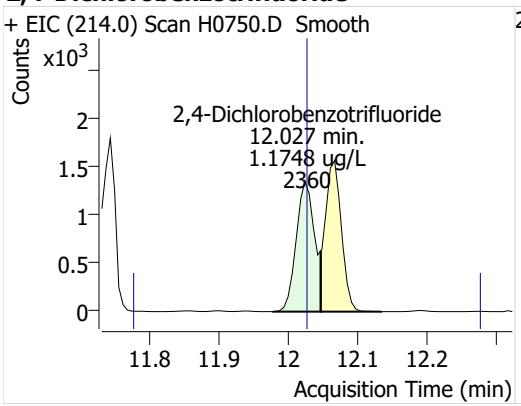
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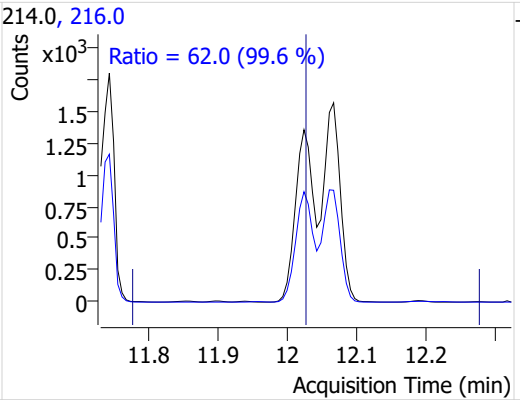


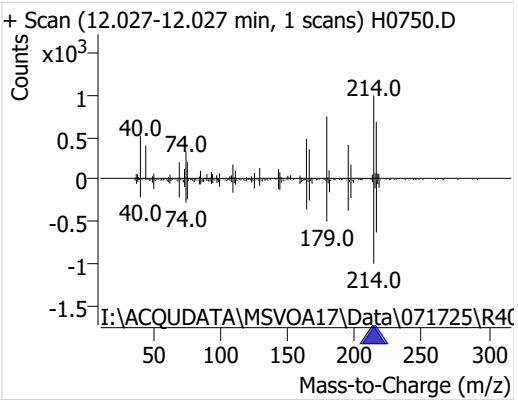




2,4-Dichlorobenzotrifluoride

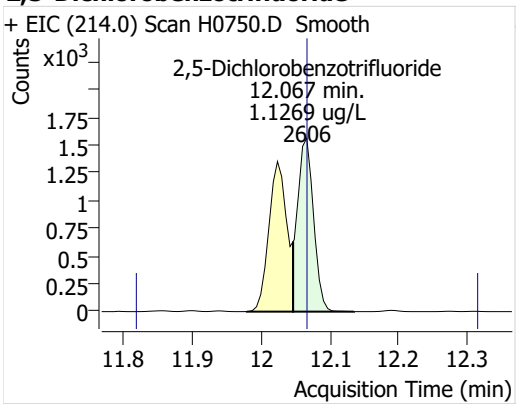


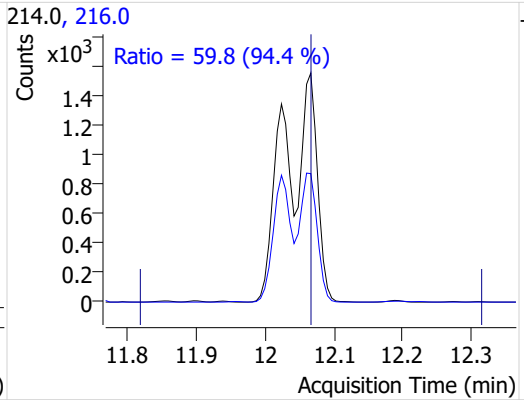


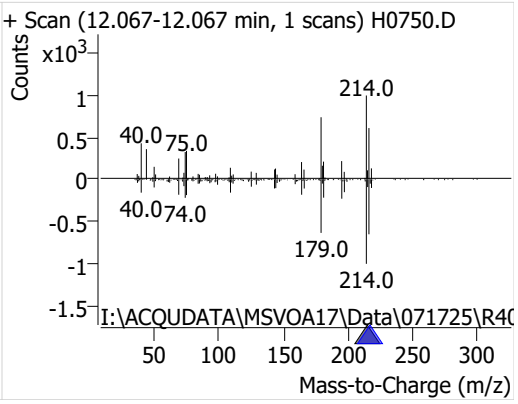


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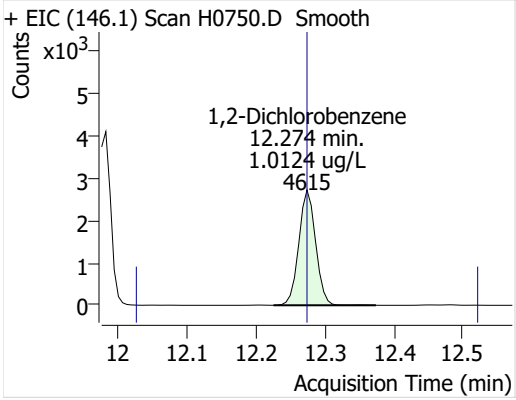
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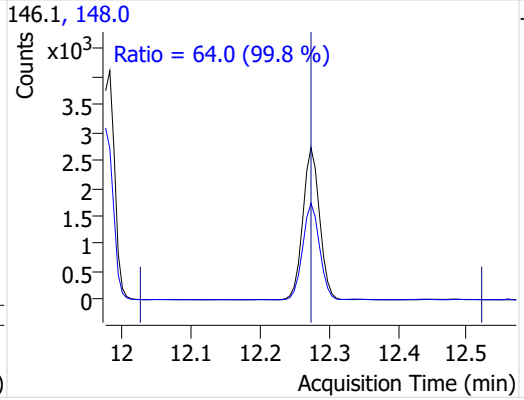


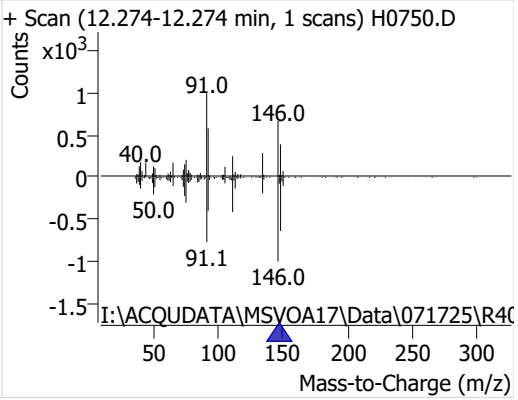




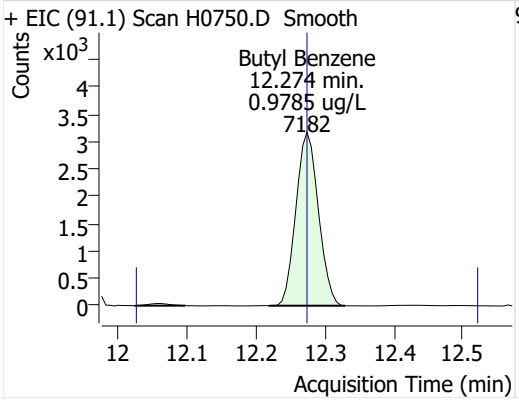
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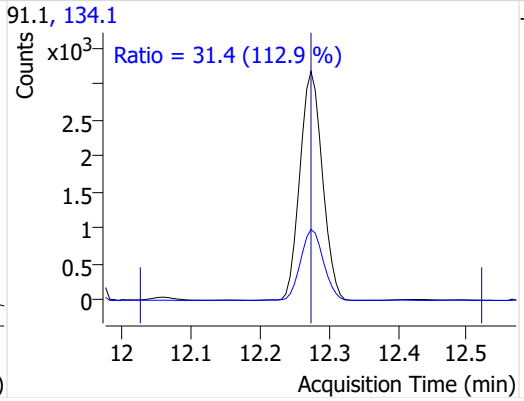


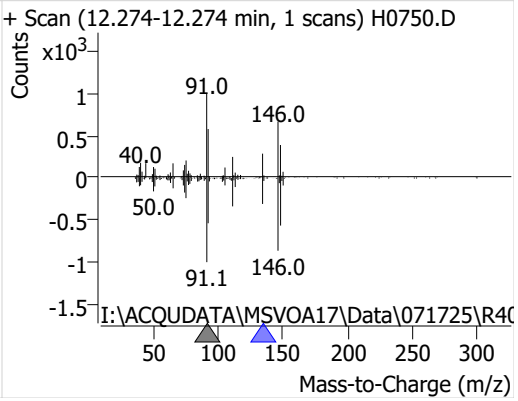




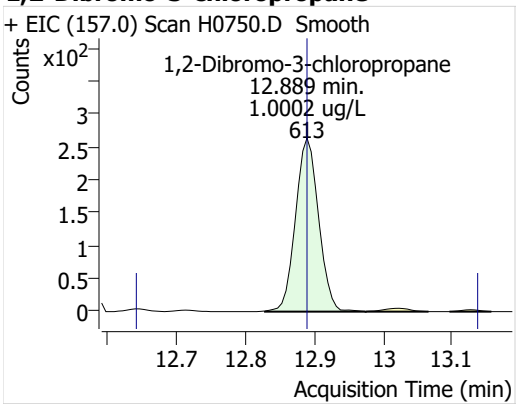
Butyl Benzene

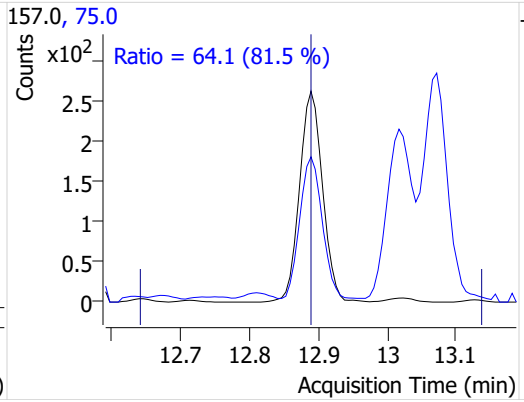


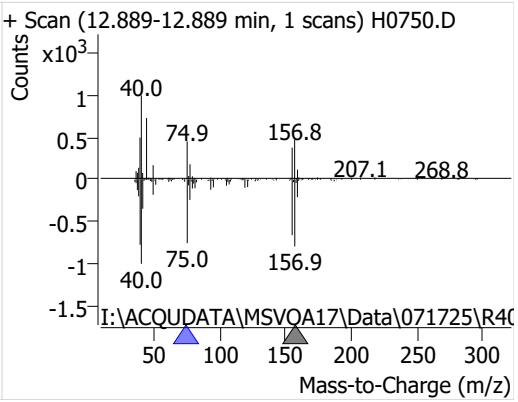




1,2-Dibromo-3-chloropropane

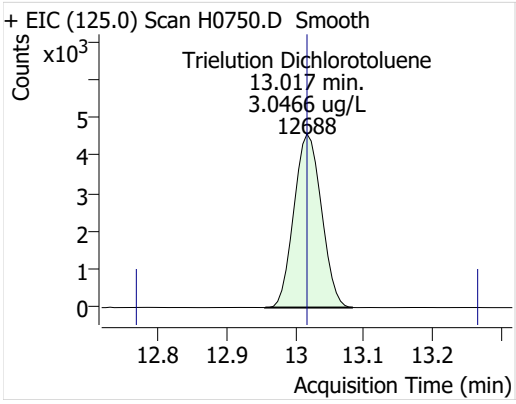


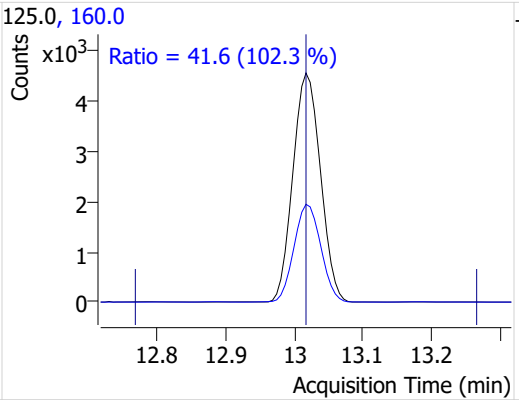


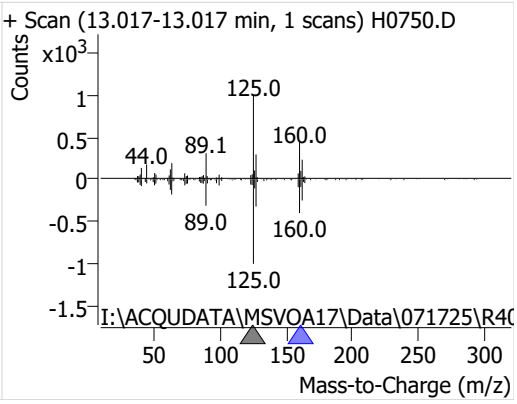


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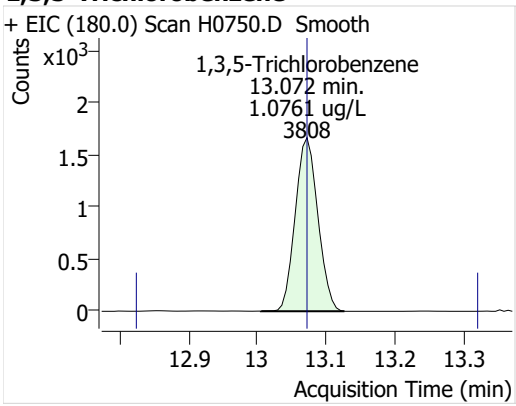
Trielution Dichlorotoluene

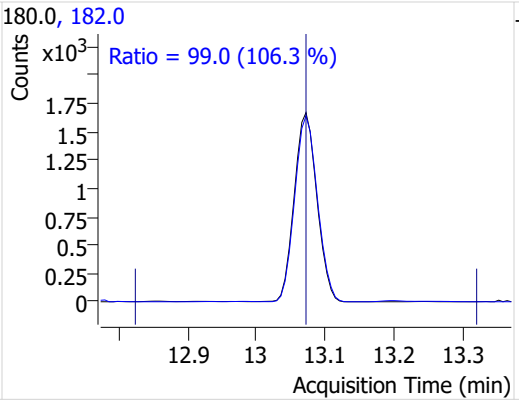


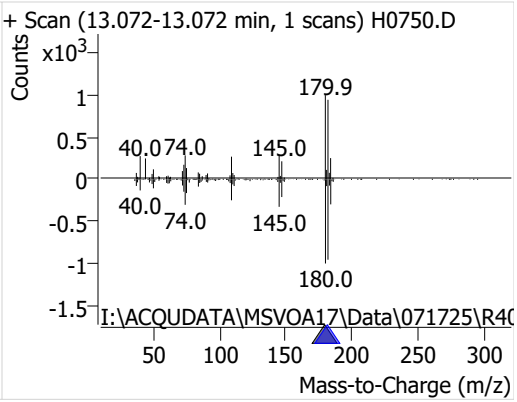




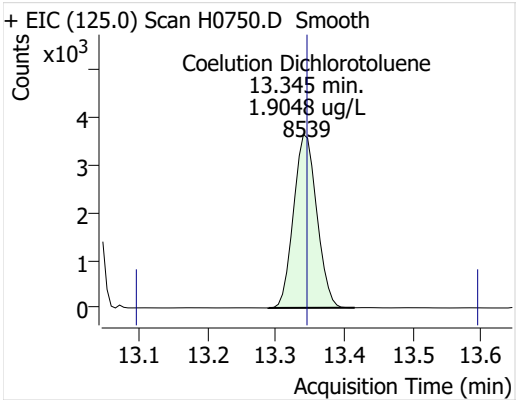
1,3,5-Trichlorobenzene

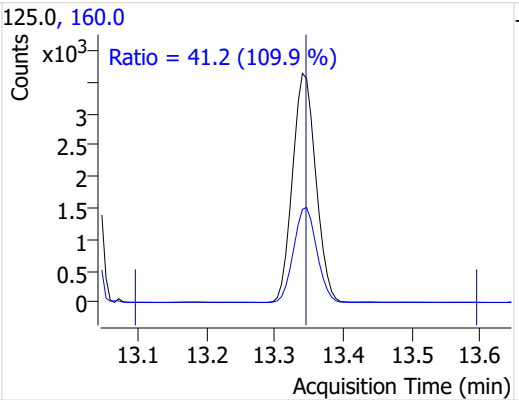


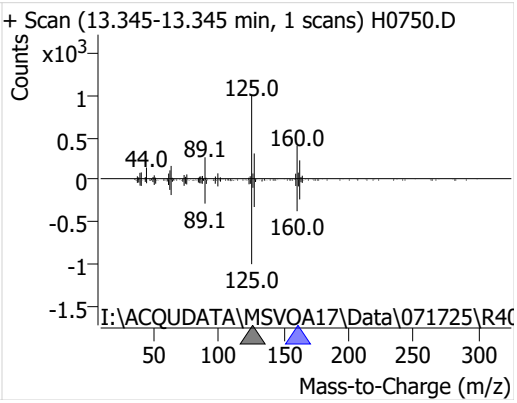




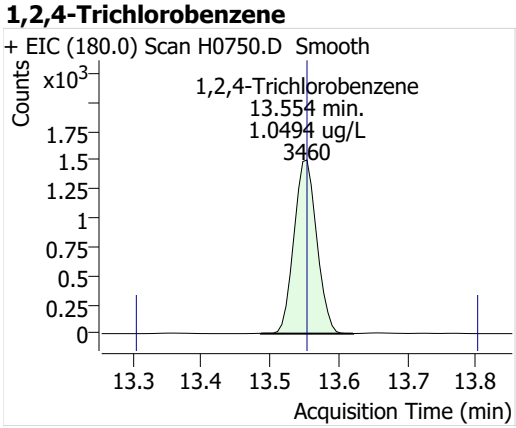
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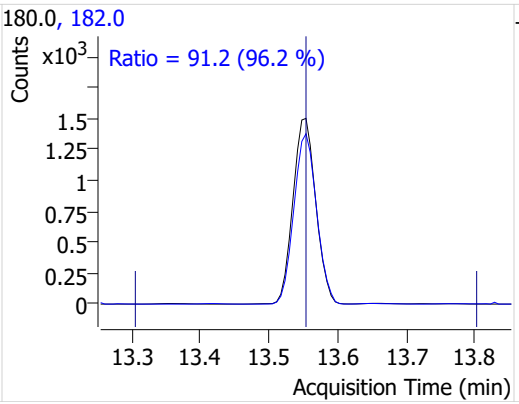


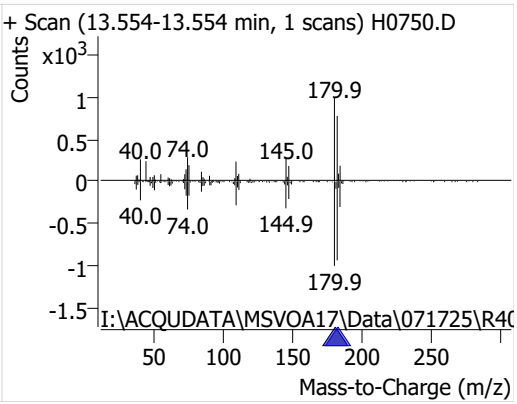




1,2,4-Trichlorobenzene

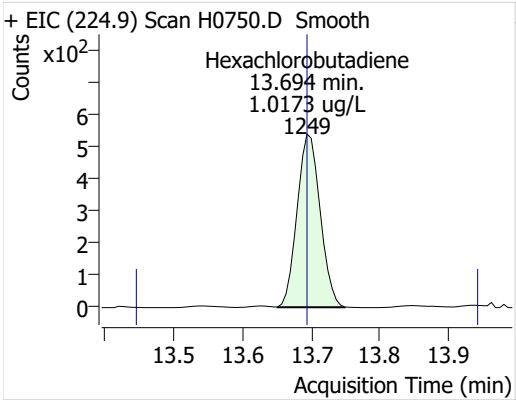


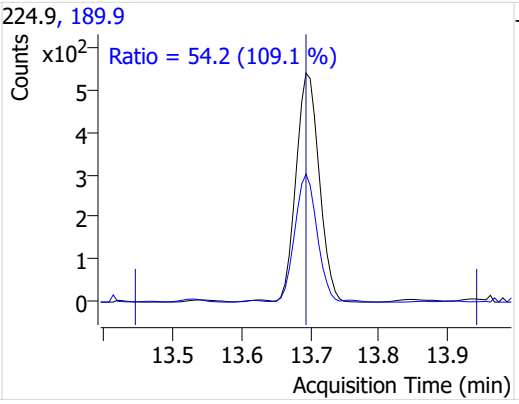


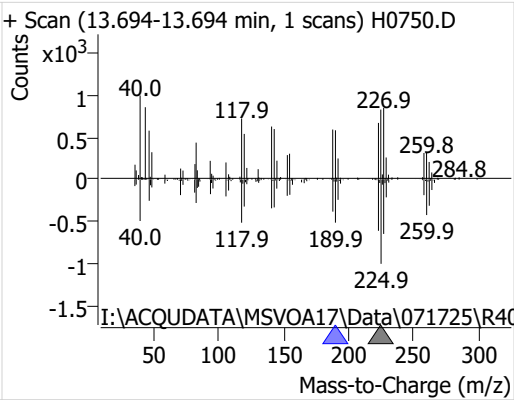


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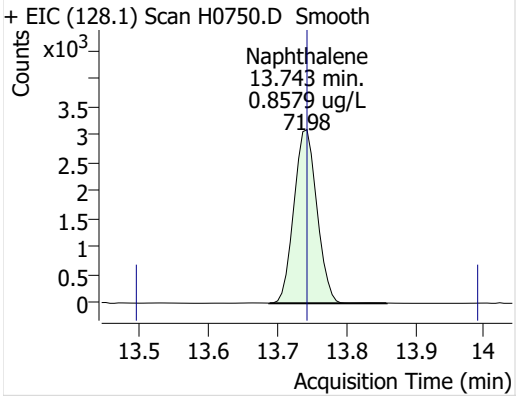
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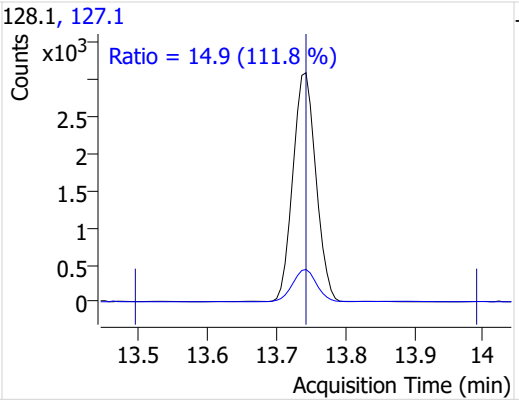


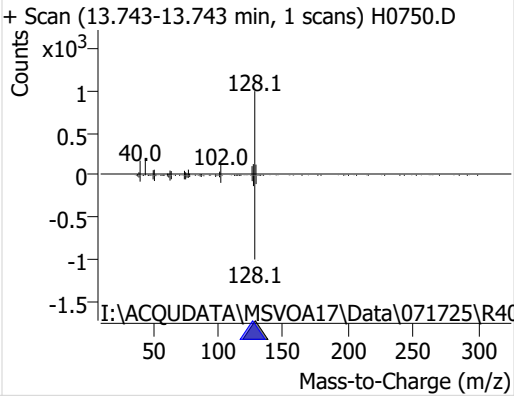




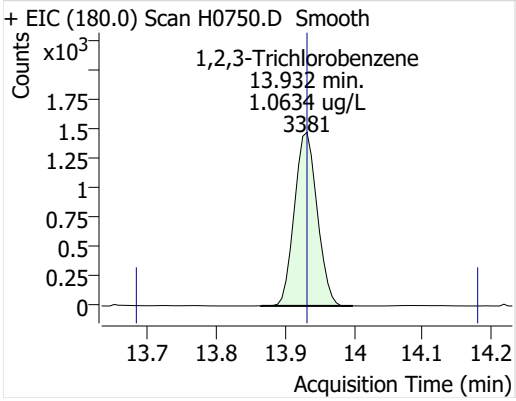
Naphthalene

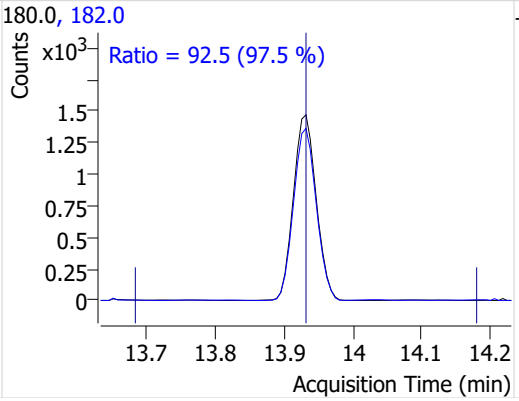


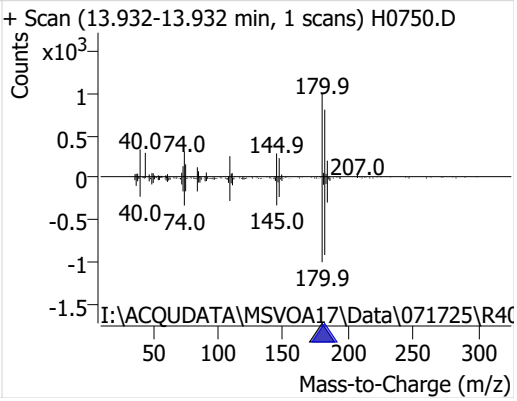




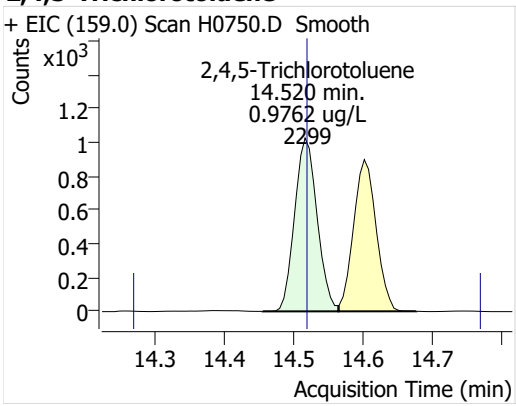
1,2,3-Trichlorobenzene

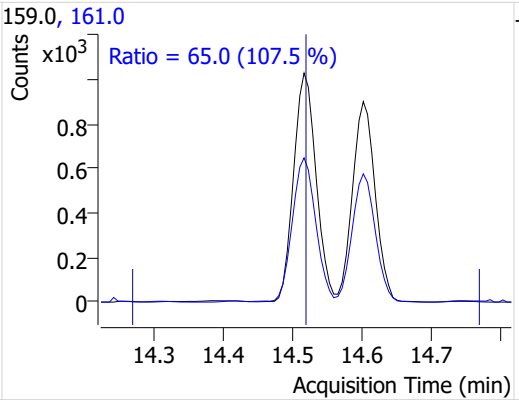


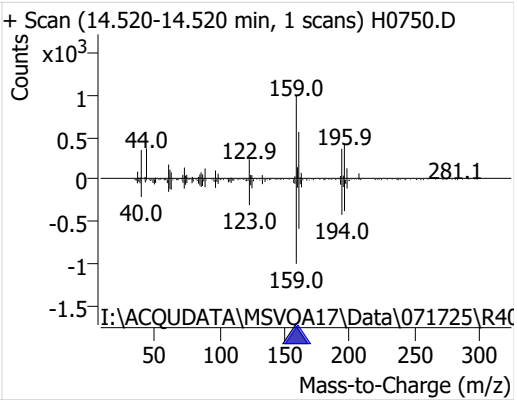




2,4,5-Trichlorotoluene

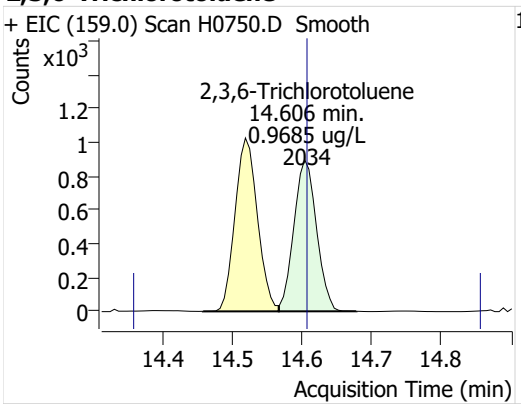


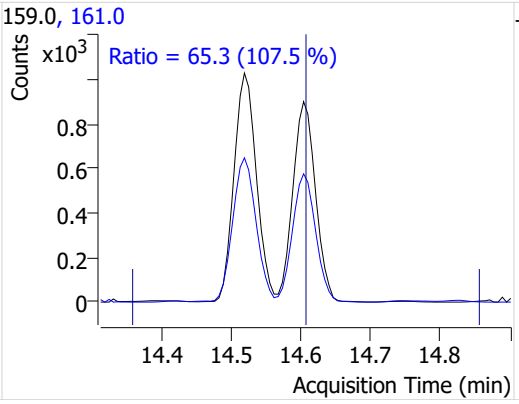


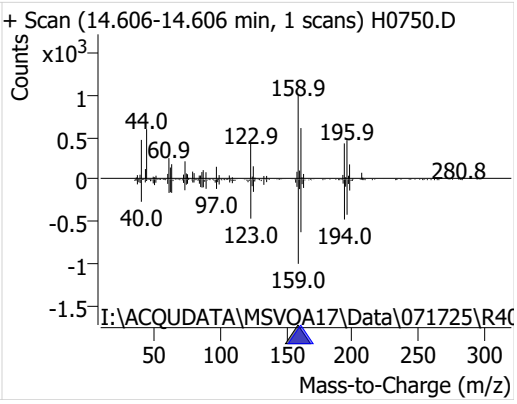


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2,3,6-Trichlorotoluene





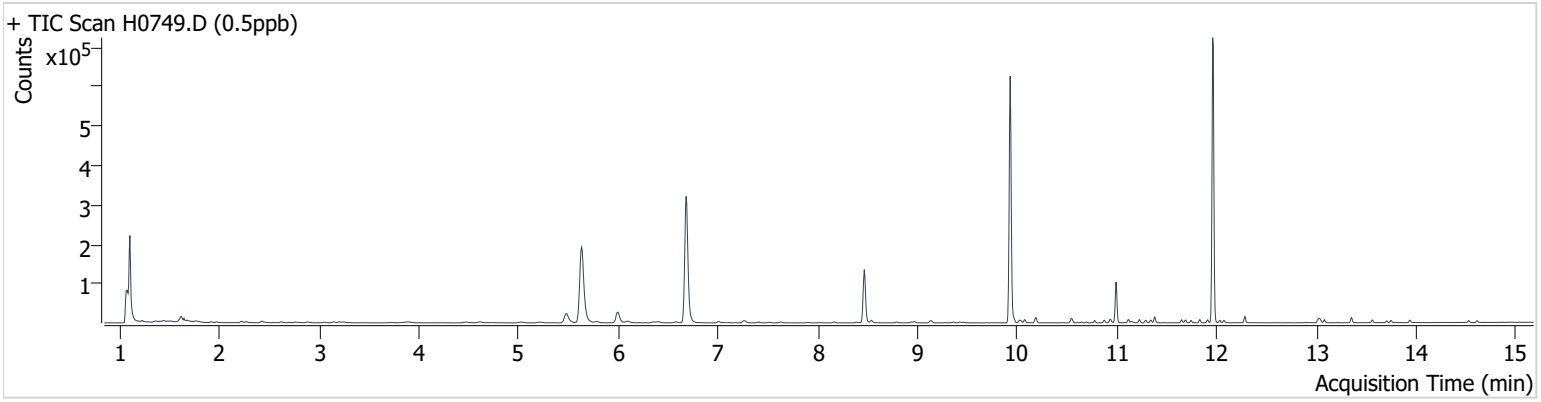


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H0749.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	203334	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	328445	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	291790	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	154790	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	22160	10.4655	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	87899	10.7402	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	24705	9.9190	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	25854	10.5788	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	1395	0.5597	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	1344	0.5429	ug/L
Chloromethane	50.100	0.240	0.000	1.352	0.001	1287	0.5675	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.003	1616	0.6087	ug/L
Bromomethane	94.000	0.298	0.001	1.677	0.006	1520	0.3999	ug/L
Chloroethane	64.000	0.313	0.001	1.760	0.003	1244	0.6395	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.912	0.002	2063	0.5152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	1889	0.5209	ug/L
Freon 123a	117.000	0.394	0.000	2.213	0.000	1144	0.5293	ug/L
Diethyl Ether	59.000	0.395	0.001	2.221	0.005	979	0.5259	ug/L
Freon 123	83.000	0.403	0.000	2.266	0.001	1753	0.5394	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.002	286	2.1852	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	1751	0.5321	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	1342	0.5929	ug/L
Acetone	43.000	0.438	0.001	2.464	0.008	677	0.7449	ug/L
Iodomethane	142.000	0.454	0.001	2.554	0.007	452	2.2158	ug/L
2-Propanol	45.000	0.465	0.001	2.612	0.012	937	7.0356	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	2874	0.5214	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	2384 LT	3.2216	ug/L
Methyl Acetate	43.000	0.497	0.001	2.794	0.008	1157	0.6412	ug/L

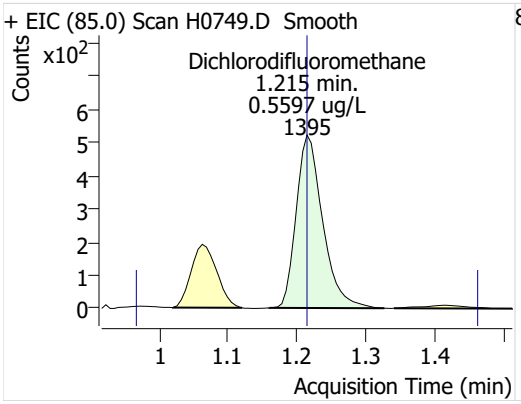
Masshunter Quantitative Analysis Sample Report

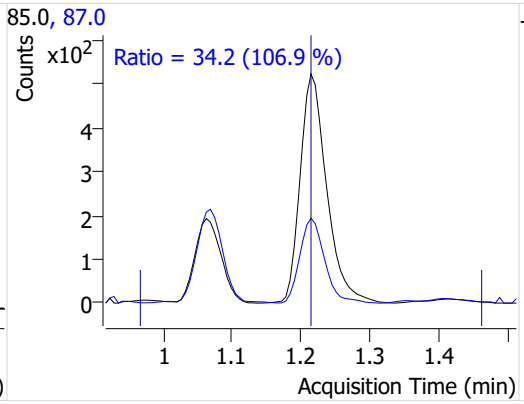
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.879	0.006	1309	0.5924	ug/L
TBA	59.000	0.541	0.003	3.044	0.018	1810	8.7993	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	2115	2.2616	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	1569	0.5389	ug/L
MTBE	73.000	0.576	0.003	3.239	0.018	2781	0.4571	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	2010	0.5387	ug/L
Vinyl Acetate	43.000	0.681	0.001	3.830	0.008	1556	0.4941	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.000	771 NI	0.4402	ug/L
Diisopropyl ether	45.000	0.692	0.002	3.891	0.012	2907	0.4562	ug/L
ETBE	59.000	0.794	0.002	4.464	0.014	2749	0.4610	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	1189	0.5110	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	1401	0.5024	ug/L
2-Butanone	43.000	0.836	0.005	4.699	0.024	781	0.6828	ug/L
Propionitrile	54.000	0.842	0.002	4.732	0.015	787	2.1902	ug/L
Bromochloromethane	129.900	0.893	0.001	5.019	0.003	811	0.4963	ug/L
Methylacrylonitrile	67.000	0.895	0.002	5.034	0.013	450	0.4801	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	2229	0.5807	ug/L
1,1,1-Trichloroethane	97.000	0.979	0.001	5.507	0.003	1438	0.4566	ug/L
Cyclohexane	84.000	0.843	0.003	5.622	0.015	7366	0.6418	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.779	0.003	1429	0.5089	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	1431	0.5478	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	4273	0.5436	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.003	1504	0.4948	ug/L
Iso-Butyl Alcohol	43.000	0.919	0.005	6.133	0.033	623	16.3416	ug/L
TAME	73.000	1.129	0.003	6.348	0.018	2374	0.4289	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.000	1494	0.8405	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	1312	0.5429	ug/L
1-Butanol	56.000	1.061	0.008	7.079	0.046	704	13.0109	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	1431	0.5023	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.003	1070	0.4950	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	873	0.5657	ug/L
1,4-Dioxane	88.000	1.127	0.005	7.518	0.037	312	9.7928	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	716	0.4832	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	1526	0.5324	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.002	767	1.5104	ug/L
2-Chloroethylvinyl Ether	63.000	1.203	0.000	8.024	0.003	349	0.5418	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	1264	0.4434	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.001	8.378	0.009	1014	0.4853	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	4152	0.4827	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	1277	0.5099	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	1303	0.4985	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	950	0.4790	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.000	1111	0.5042	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	1766	0.5235	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	356	0.4321	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	1208	0.5138	ug/L
N-Butyl Acetate	43.000	0.950	0.001	9.420	0.006	1568	0.4979	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.003	1028	0.5250	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.009	3184	0.5210	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	1666	0.5233	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	1643	0.5443	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	958	0.4500	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	5261	0.5566	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	6788	0.9534	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	3353	0.4410	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	2858	0.4474	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.003	761	0.5294	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	1753	0.5500	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	3571	0.4159	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	3448	8.3827	ug/L

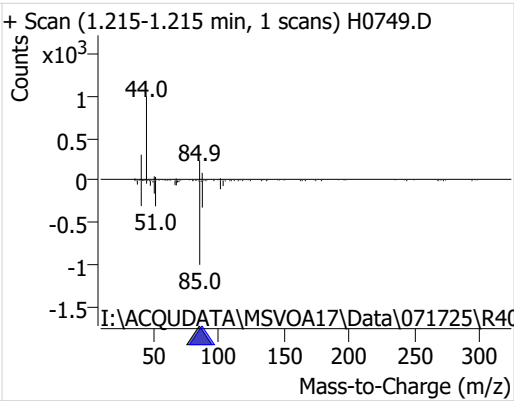
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Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	1324	0.5388	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.003	1264	0.5165	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.140	0.001	1737	0.5719	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	306	0.4543	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	5154	0.5249	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	3103	0.5254	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.001	2901	0.4878	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.003	3532	0.4716	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	3542	0.4409	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	3685	0.4993	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	3360	0.4580	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	1073	0.4935	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	4435	0.4698	ug/L
1,3-Dichlorobenzene	146.000	0.995	0.000	11.903	0.000	2569	0.5515	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	3731	0.4577	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.003	2908 NI	0.5924	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	1143	0.5696	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.001	1324	0.5734	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	2190	0.4810	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	3434	0.4685	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.003	301	0.4918	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	6008	1.4447	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	1896	0.5367	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	4157	0.9285	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	1768	0.5371	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	723	0.5896	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.003	3644	0.4349	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	1660	0.5229	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.519	0.000	1115	0.4742	ug/L
2,3,6-Trichlorotoluene	159.000	1.221	0.000	14.605	0.001	1043	0.4973	ug/L

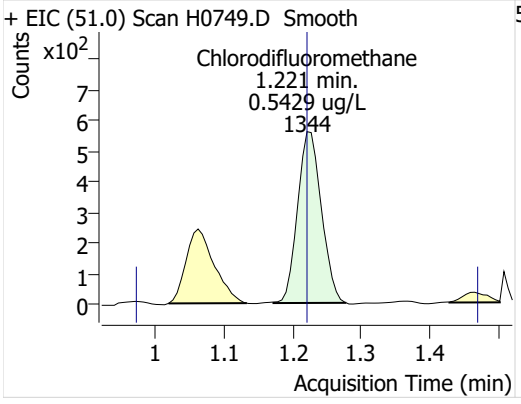
Dichlorodifluoromethane

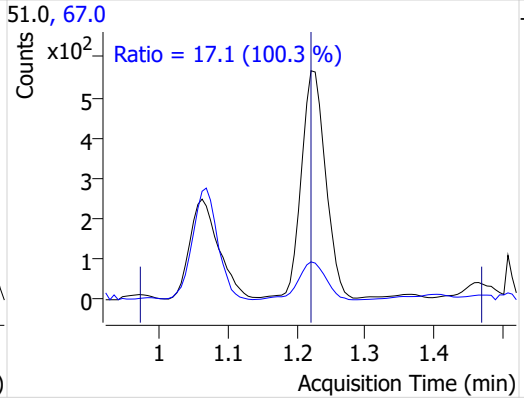


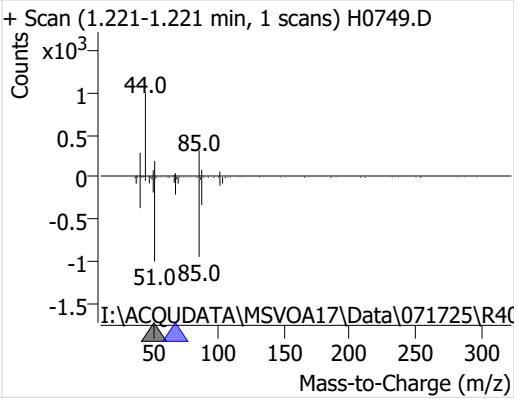




Chlorodifluoromethane

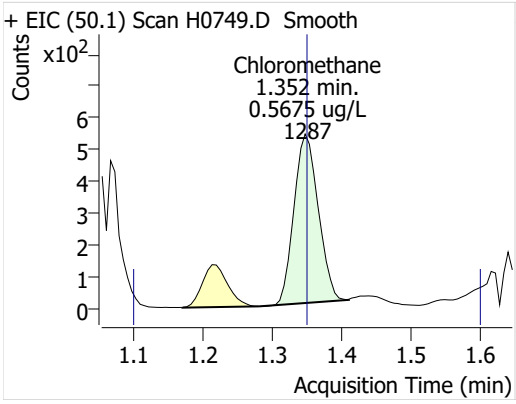


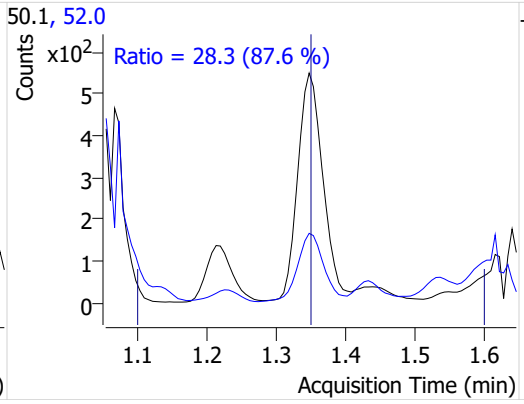


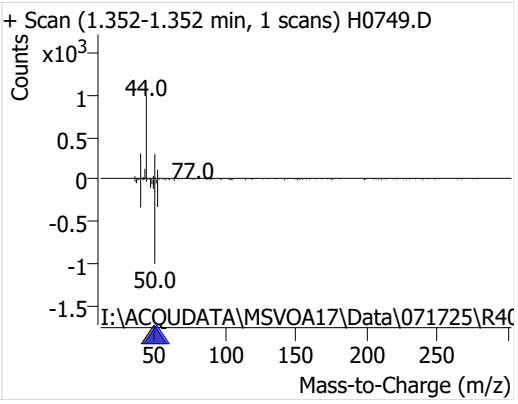


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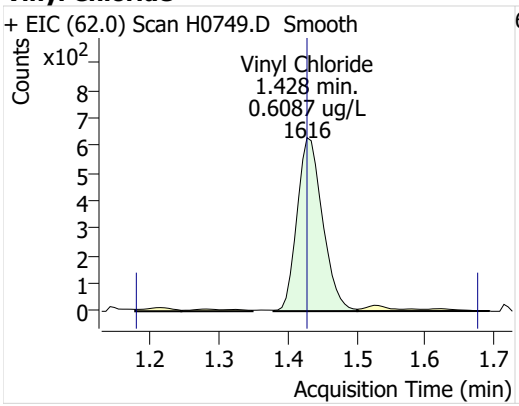
Chloromethane

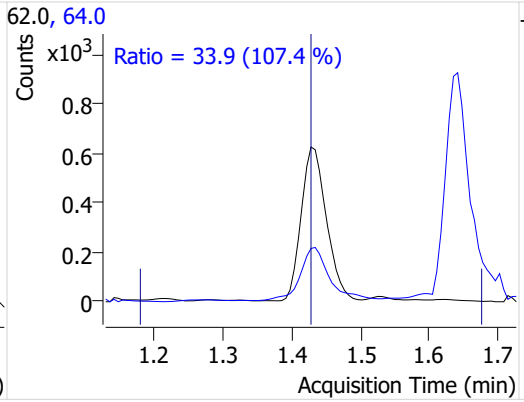


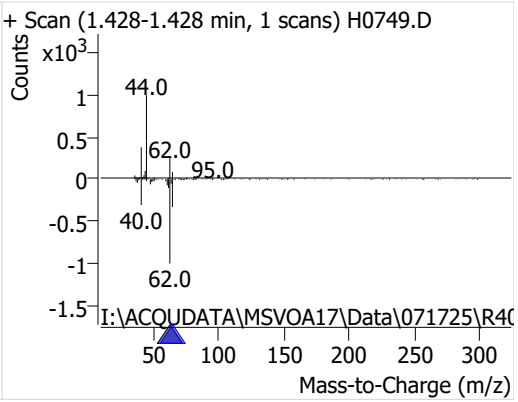




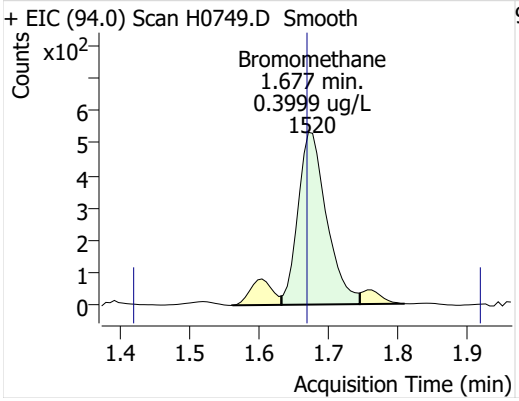
Vinyl Chloride

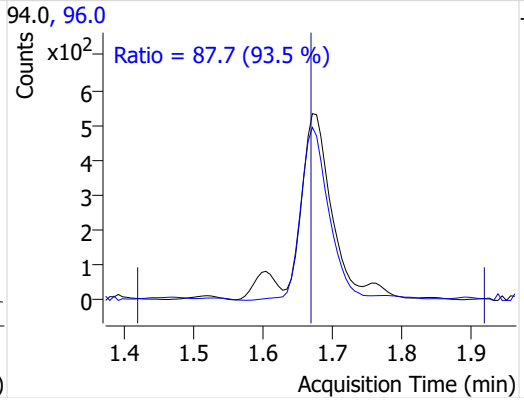


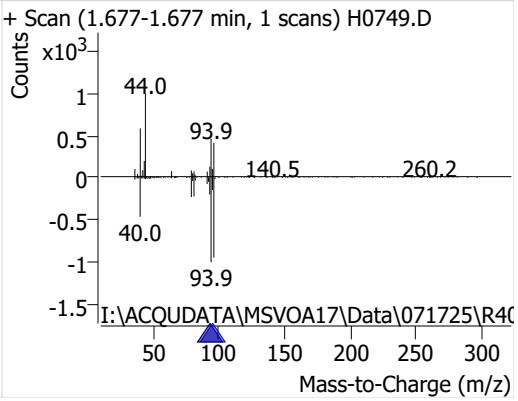




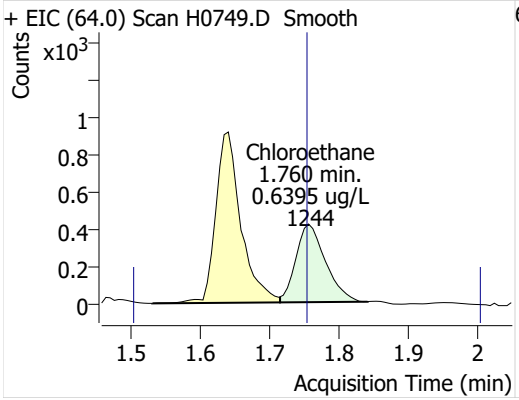
Bromomethane

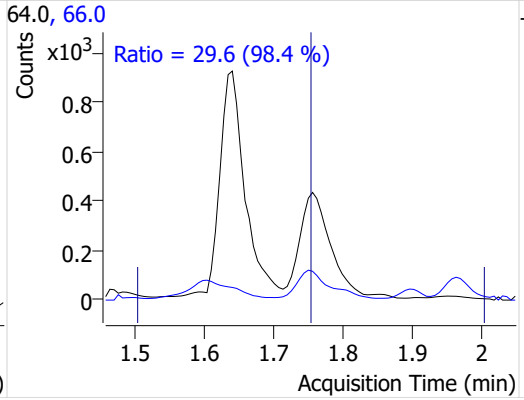


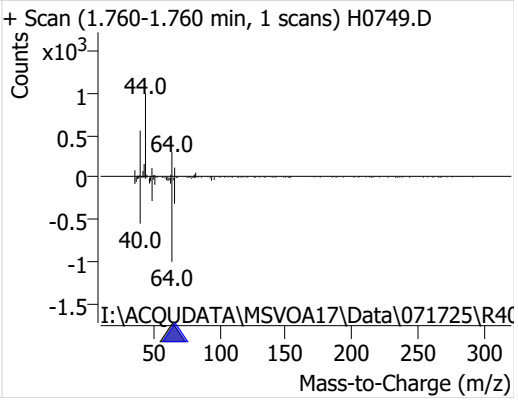




Chloroethane

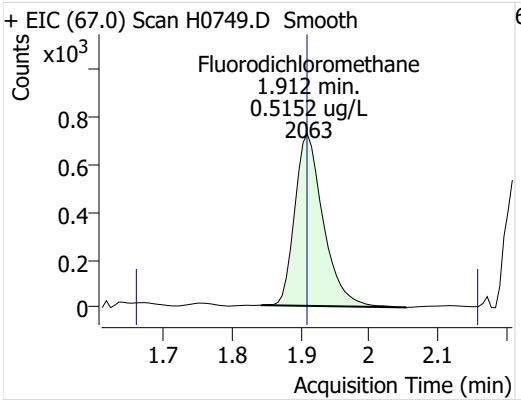


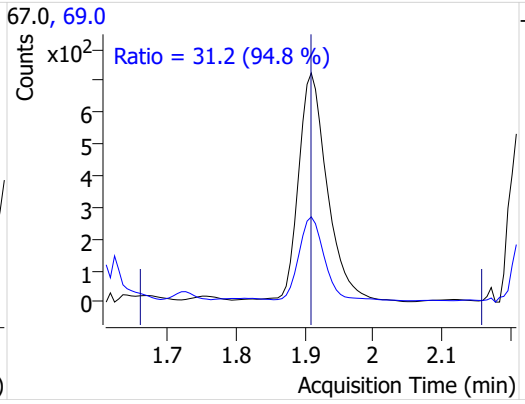


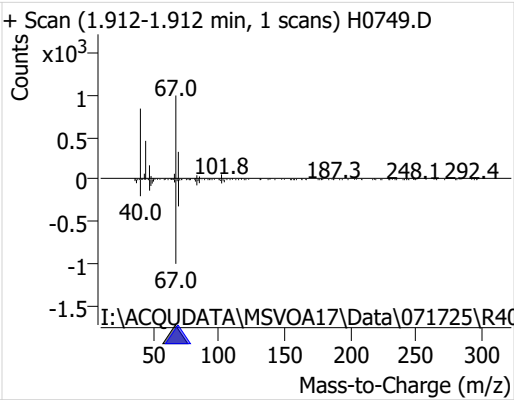


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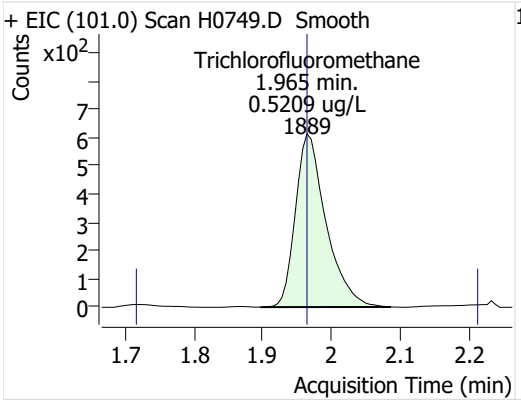
Fluorodichloromethane

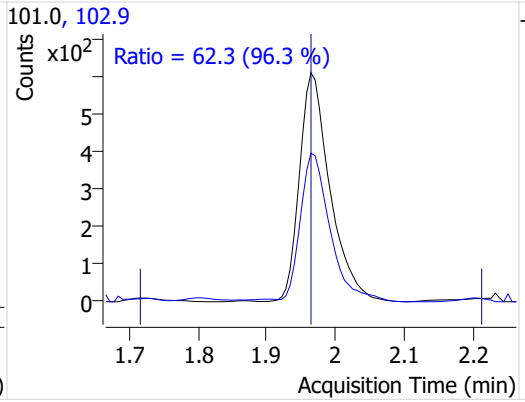


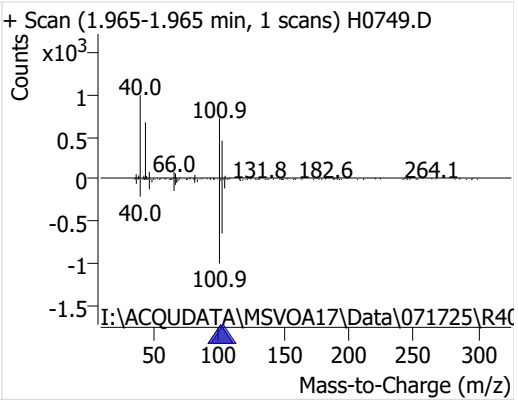




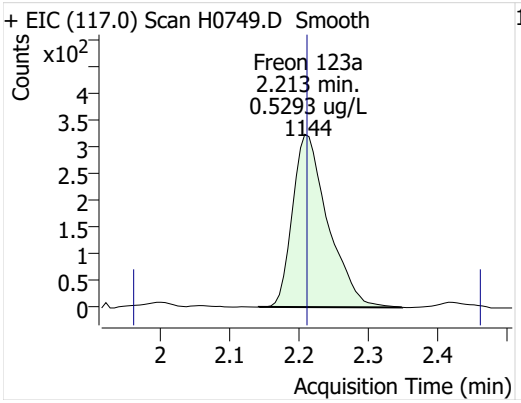
Trichlorofluoromethane

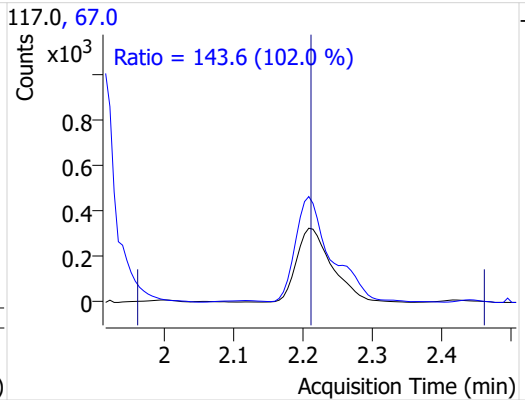


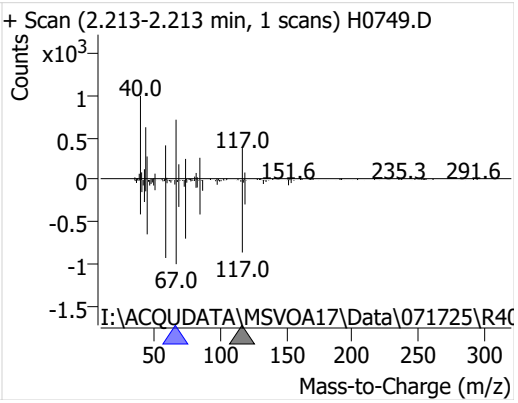




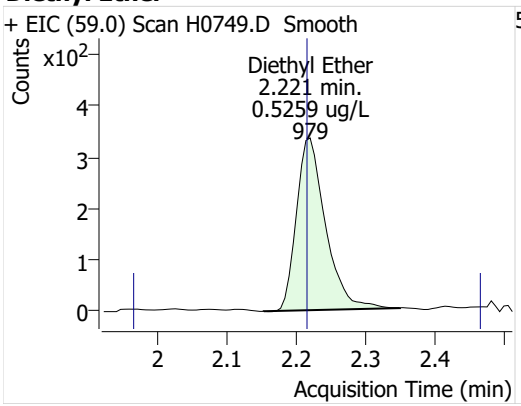
Freon 123a

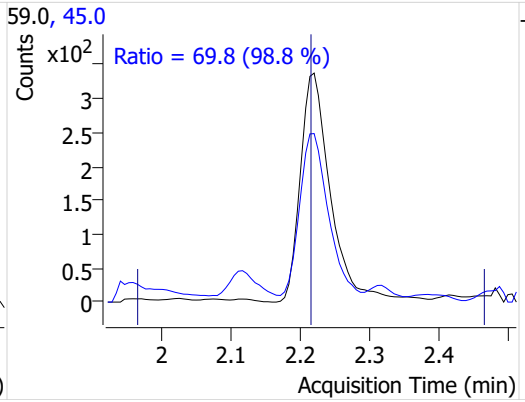


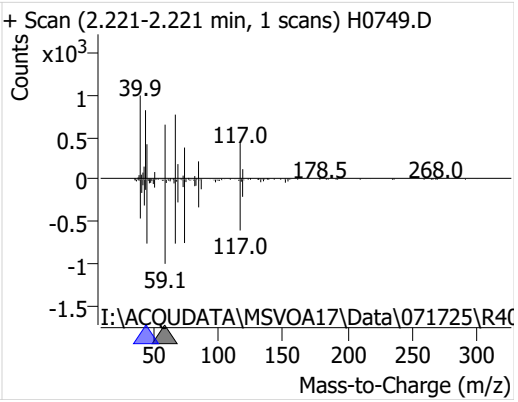




Diethyl Ether

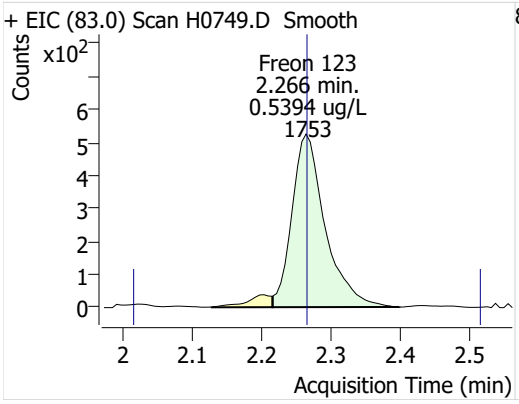


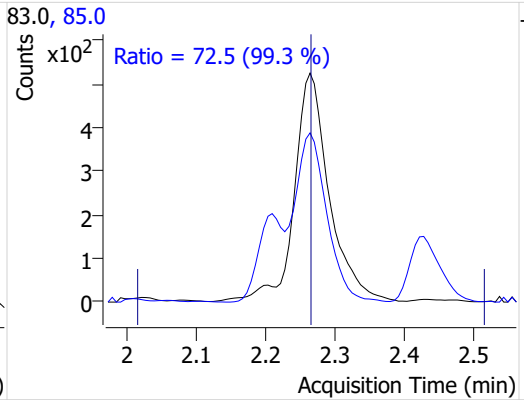


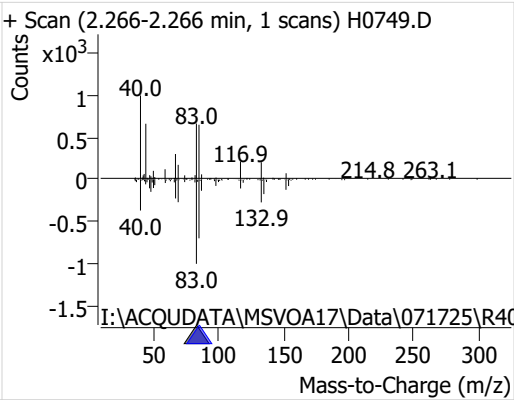


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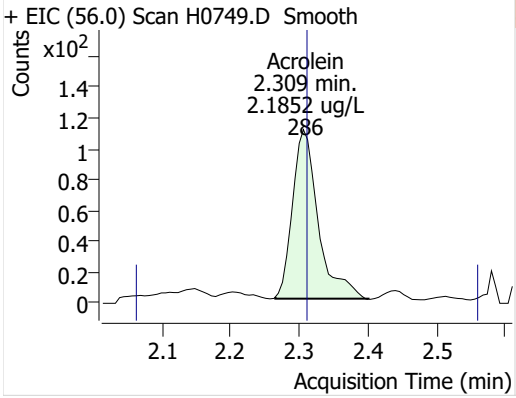
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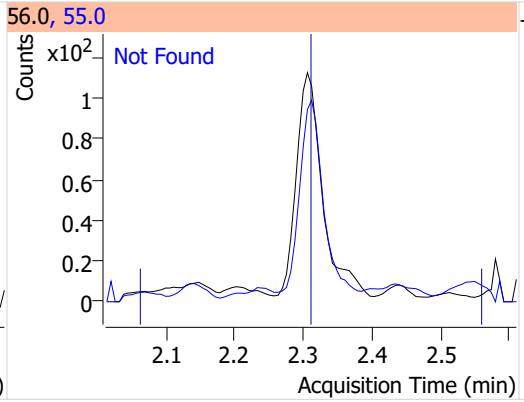


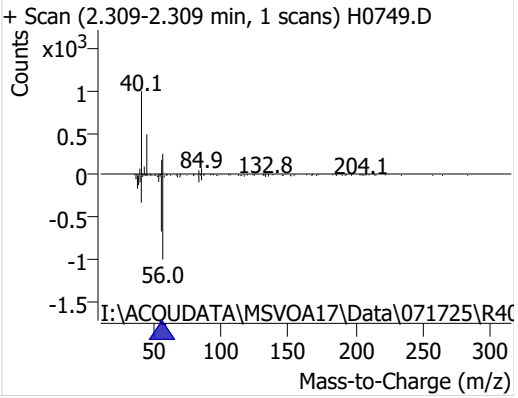




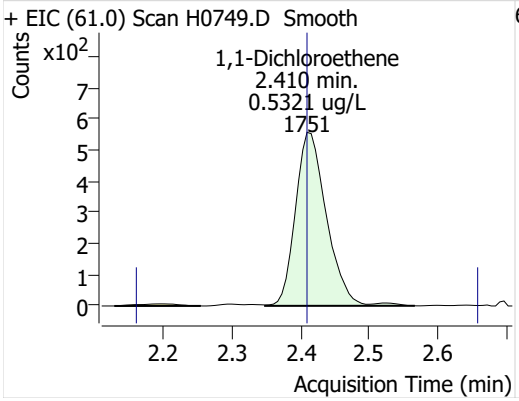
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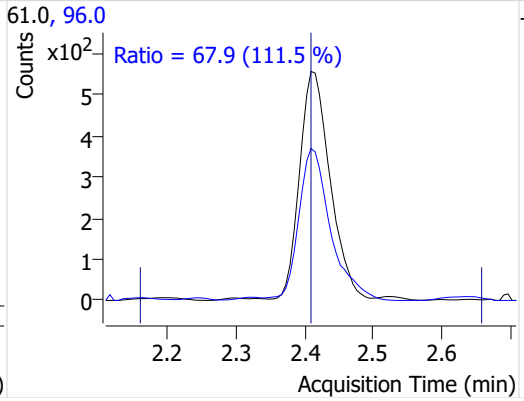


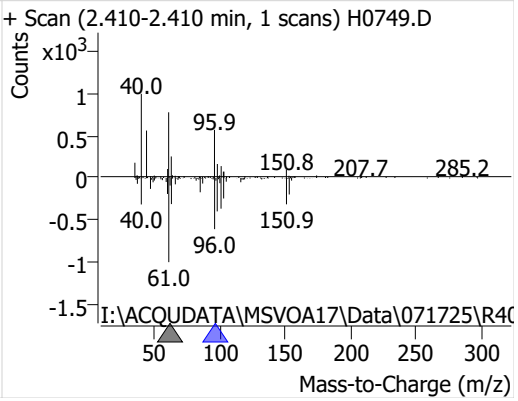




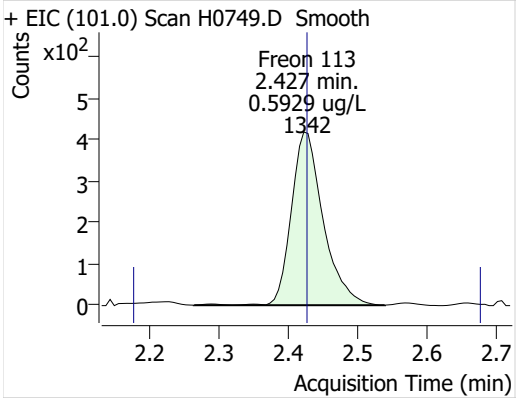
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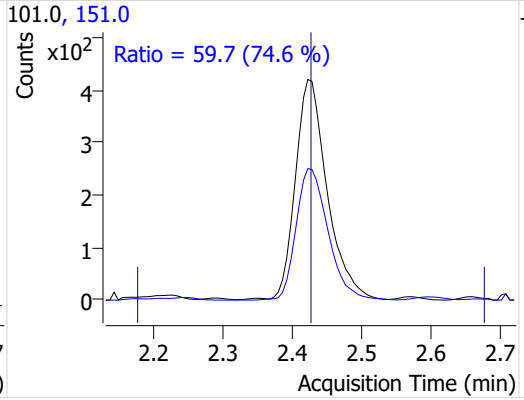


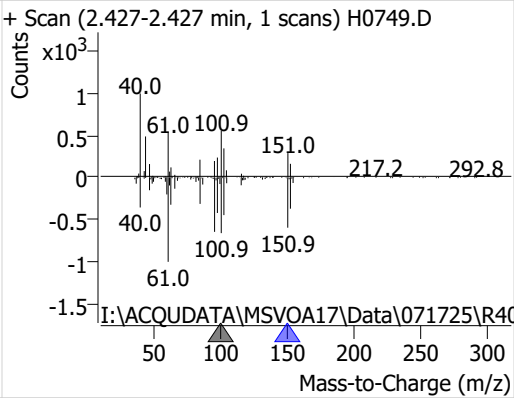




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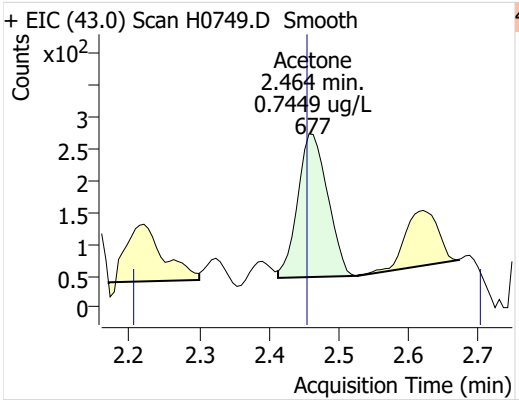


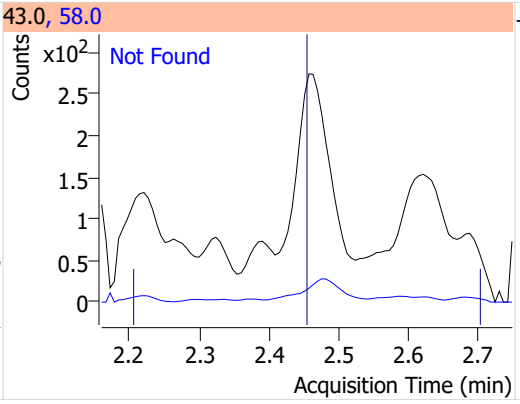


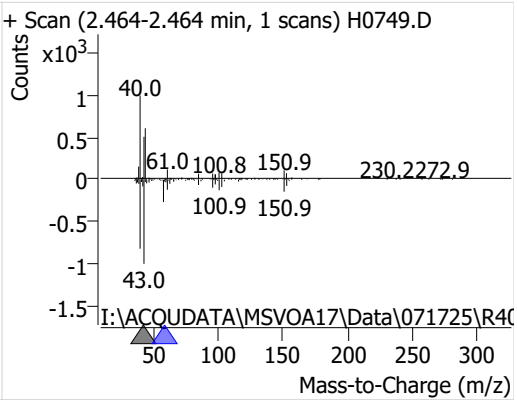


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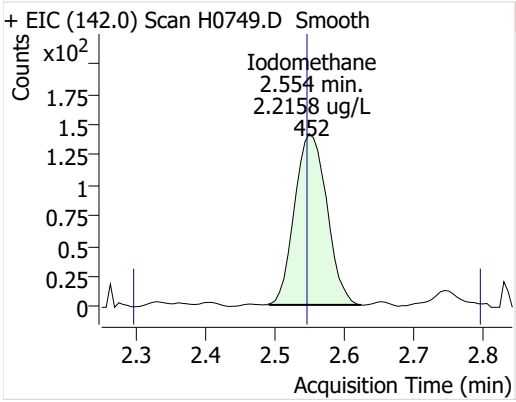
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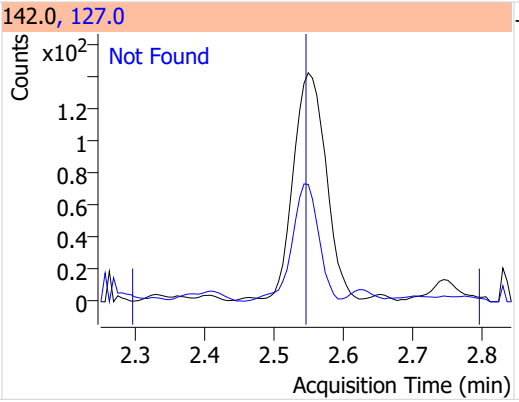


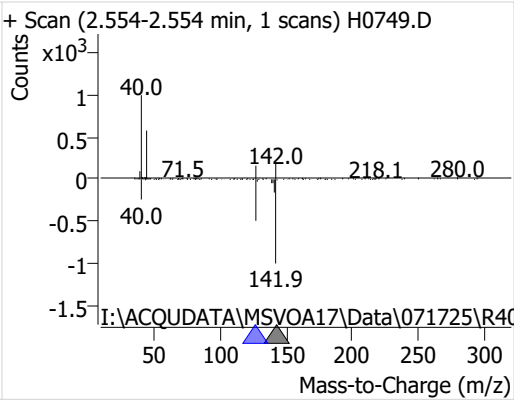




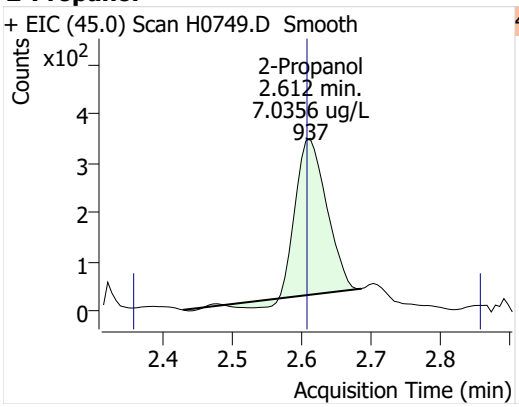
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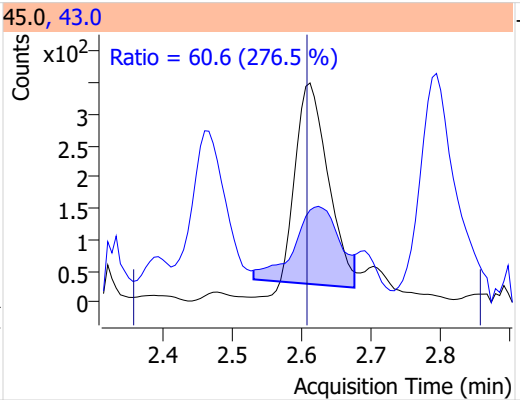


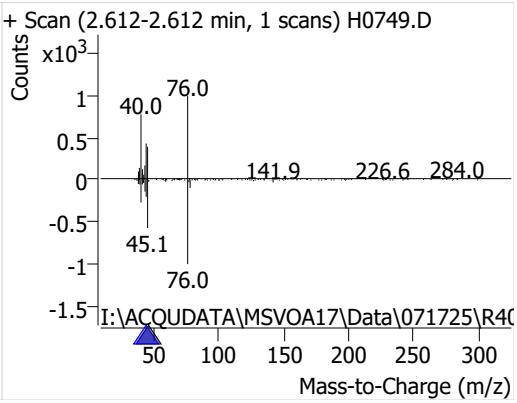




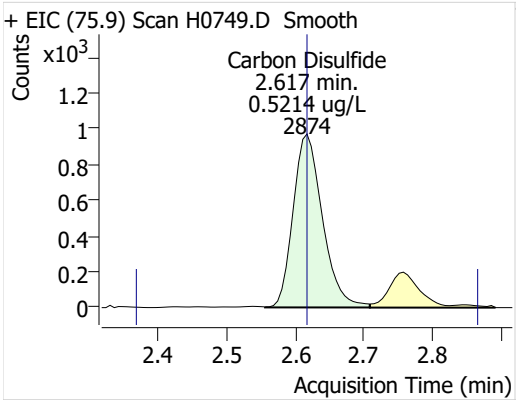
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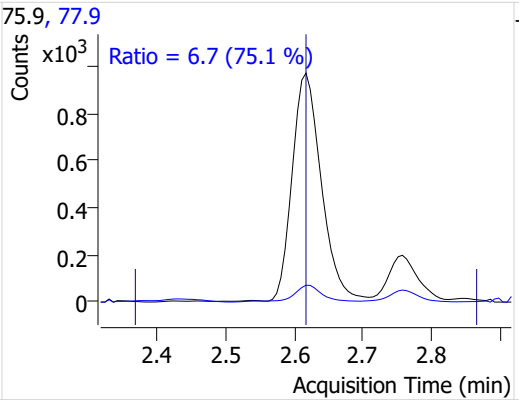


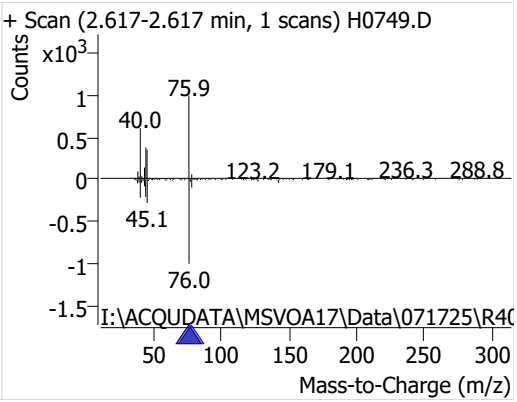




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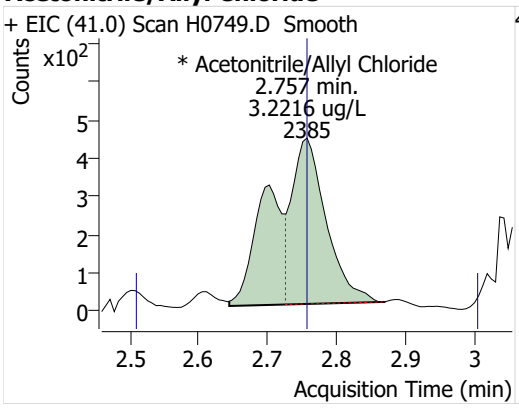


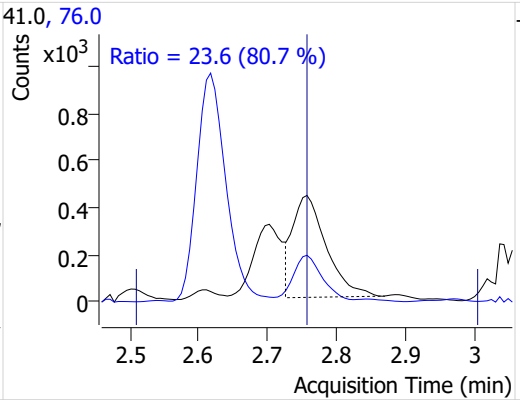


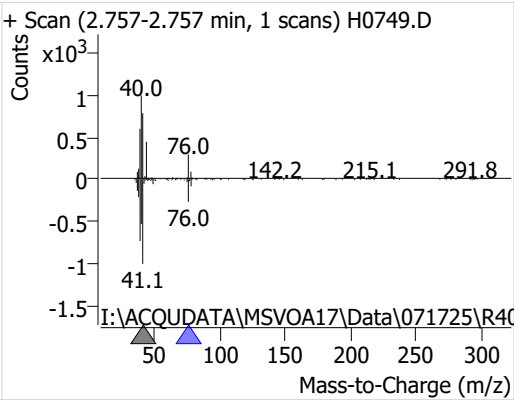


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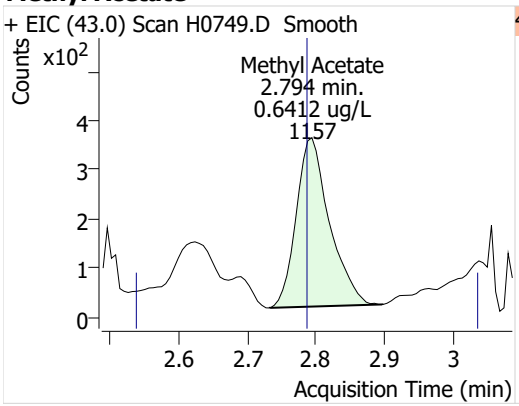
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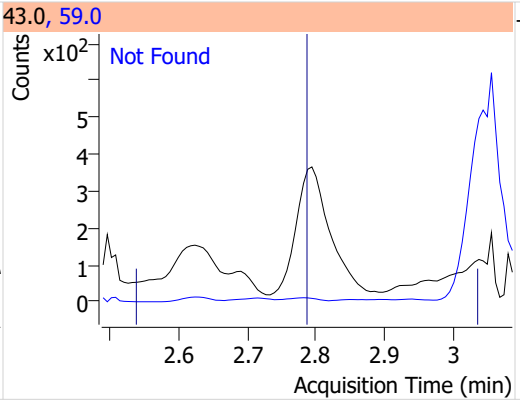


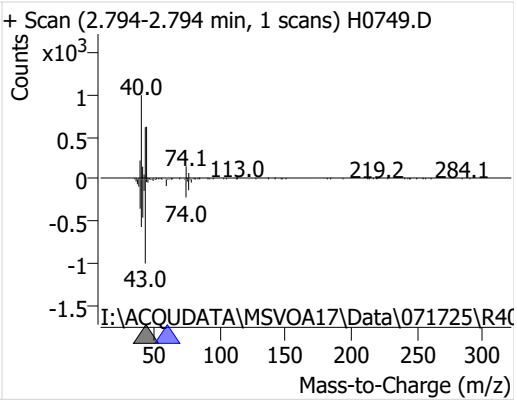




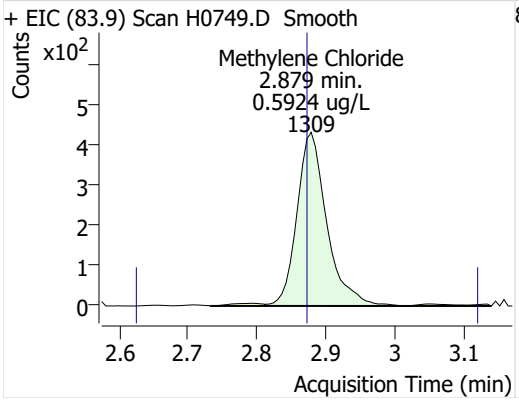
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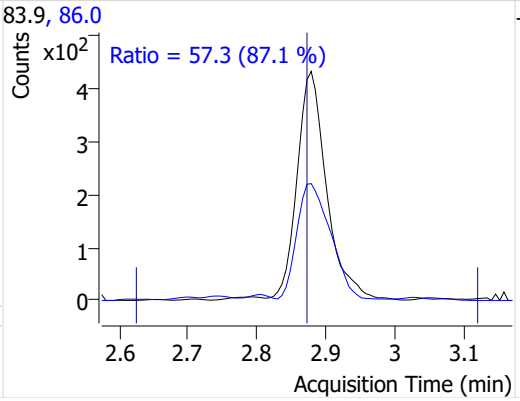


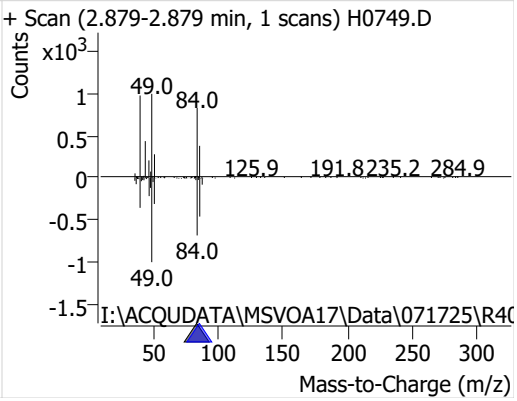




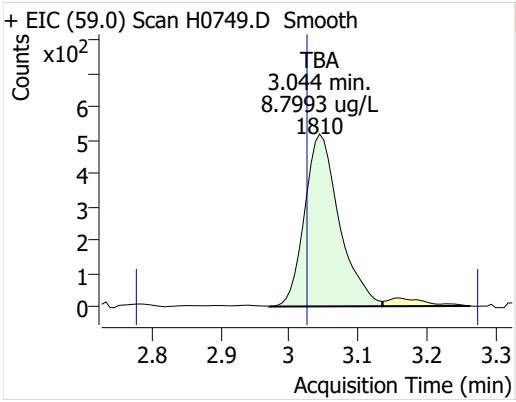
Methylene Chloride

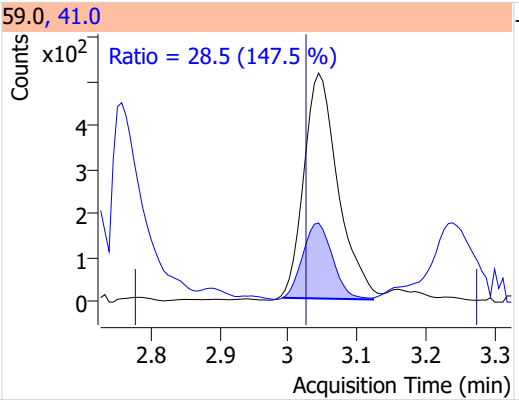


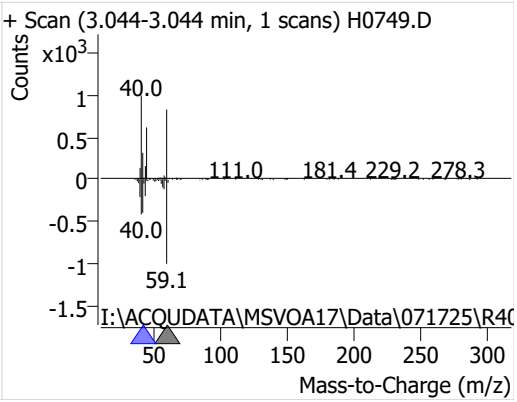




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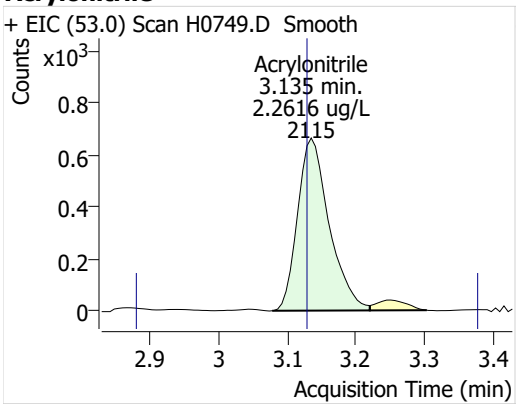


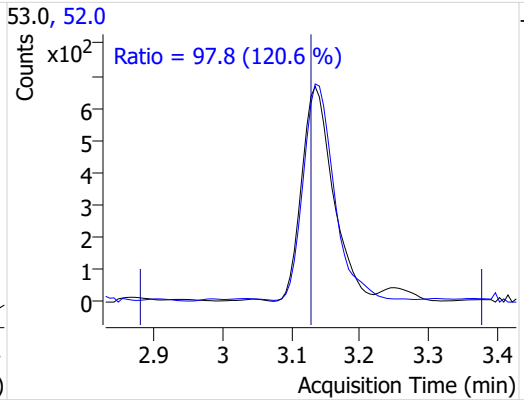


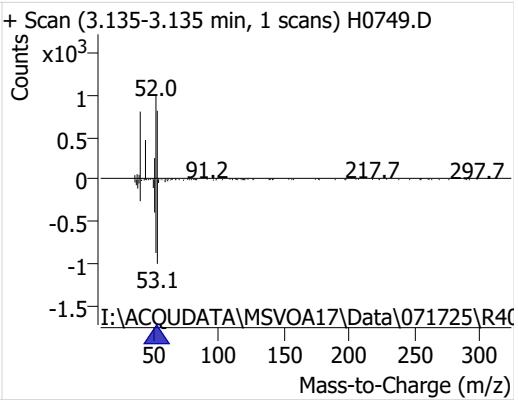


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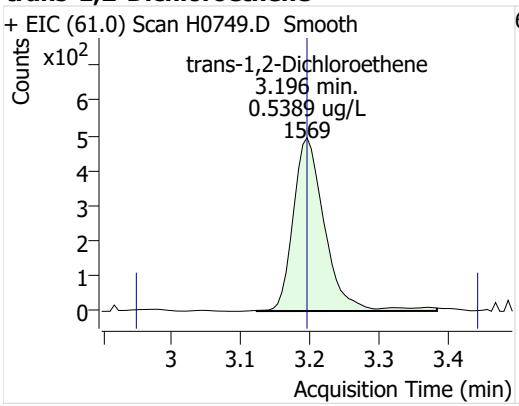
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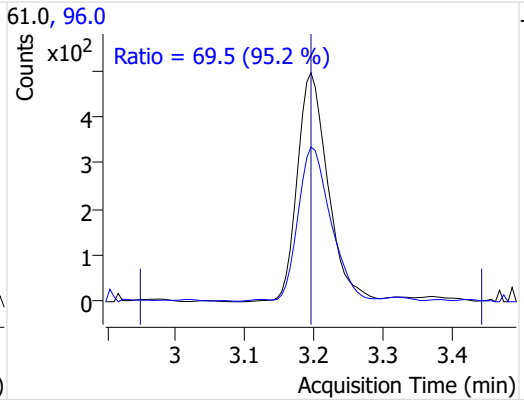


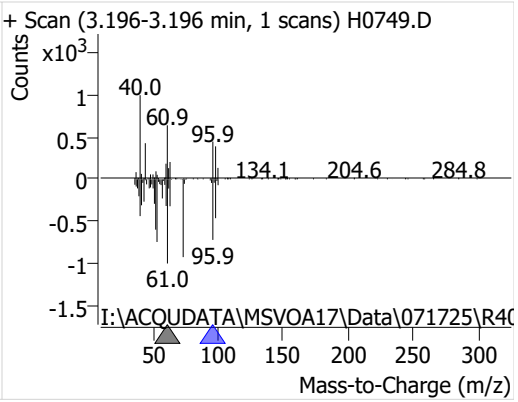




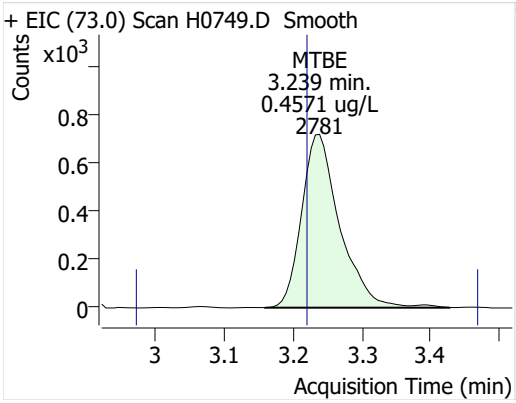
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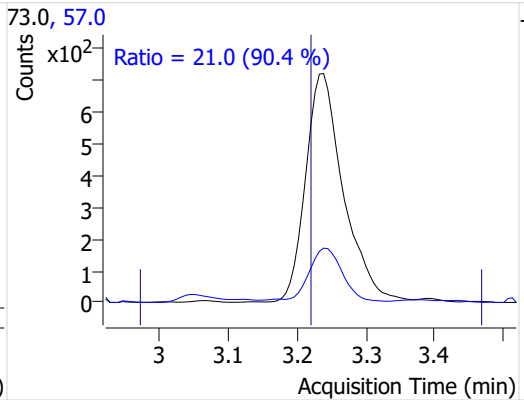


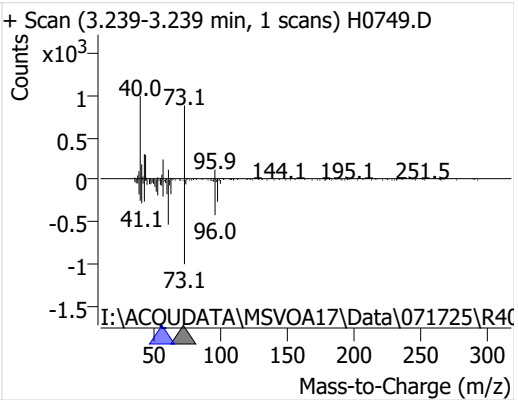




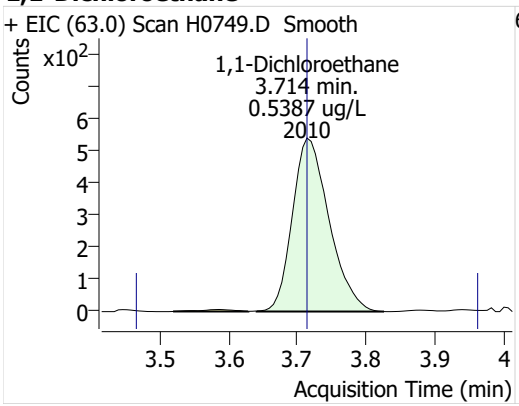
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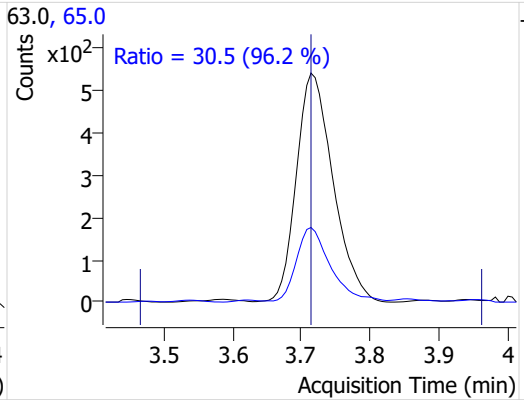


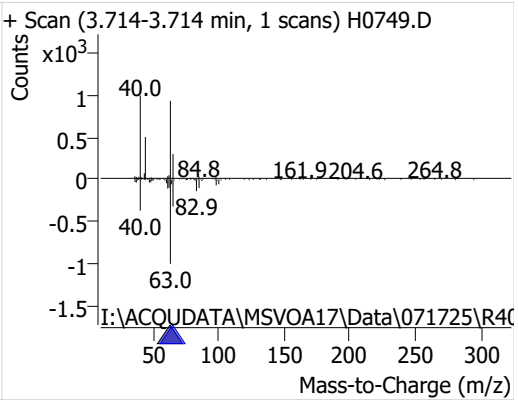




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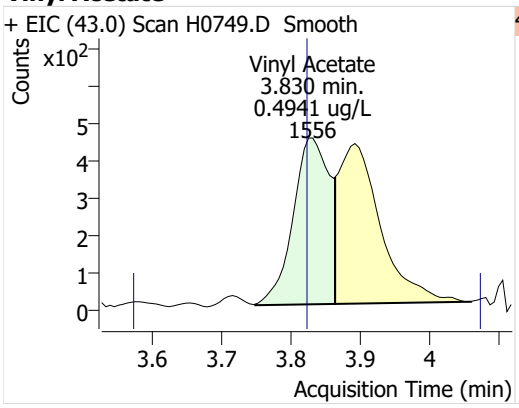


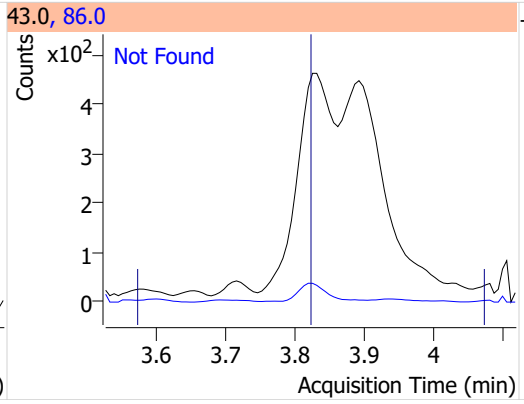


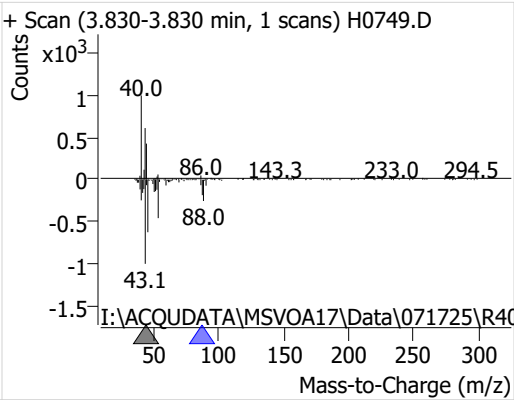


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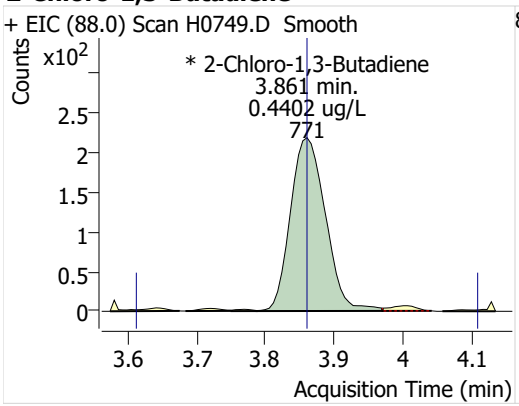
Vinyl Acetate

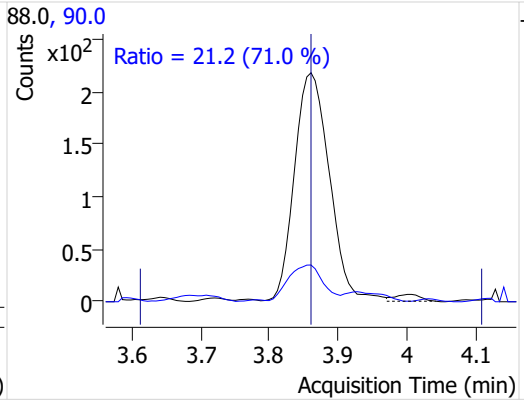


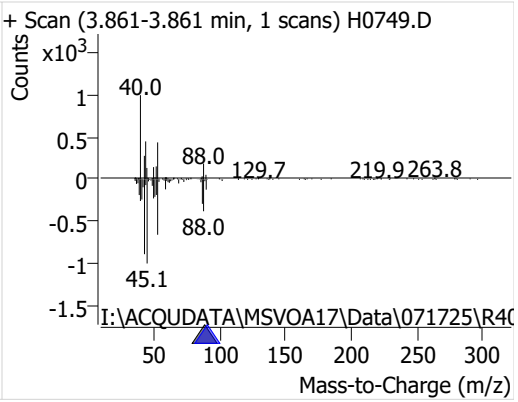




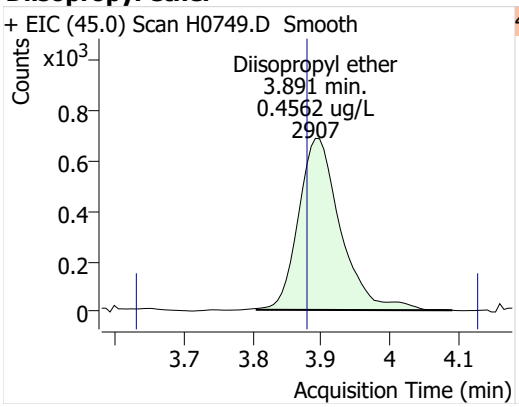
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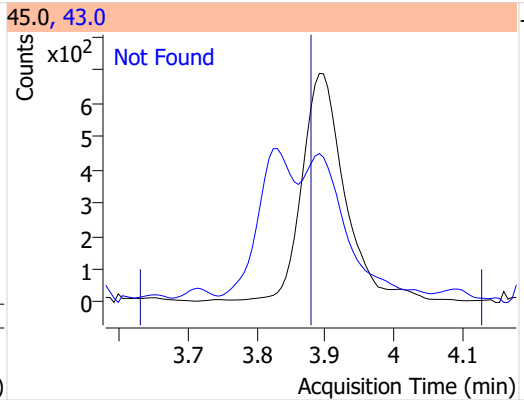


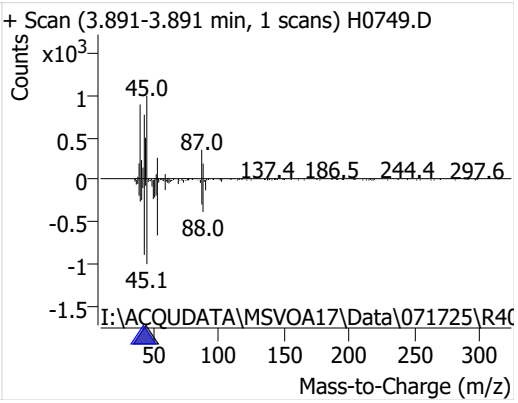




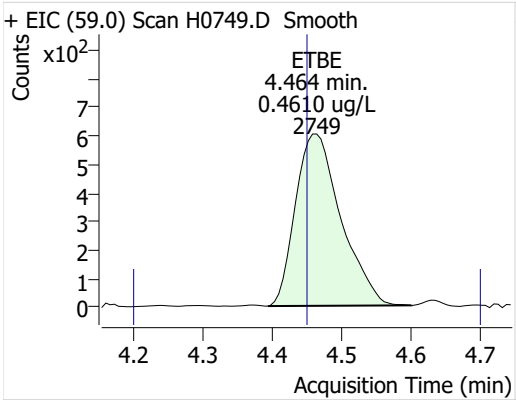
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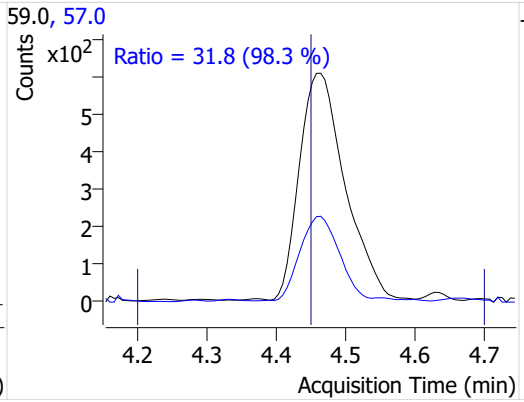


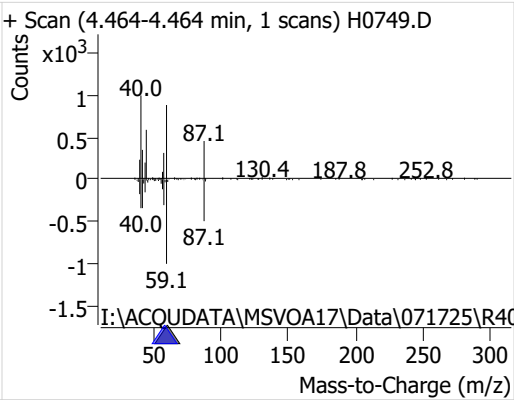




ETBE

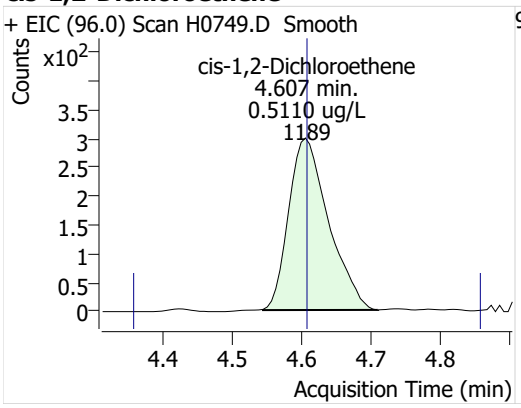


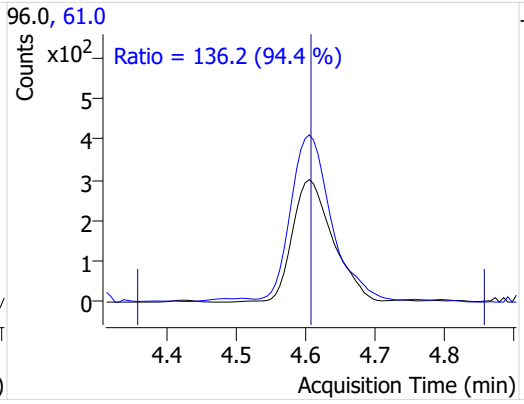


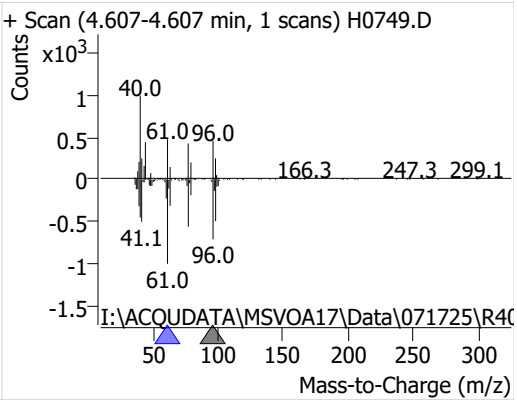


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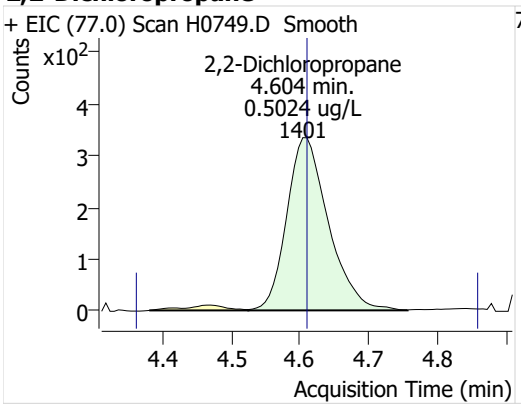
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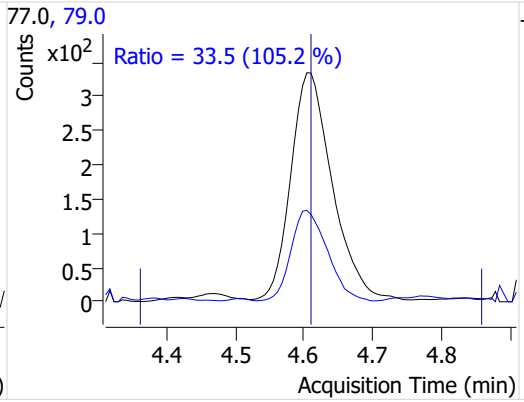


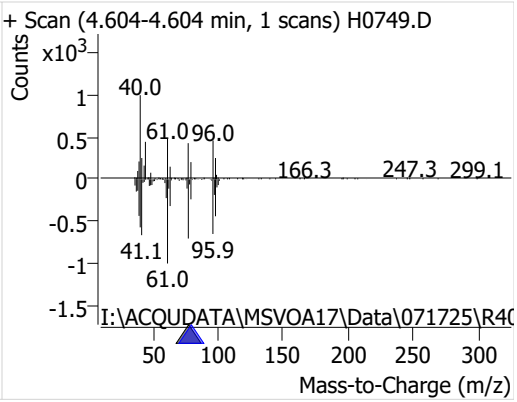




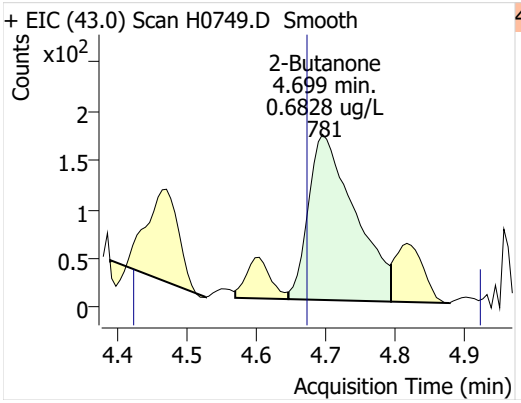
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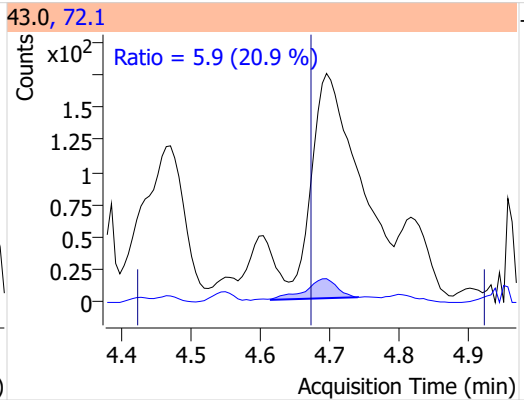


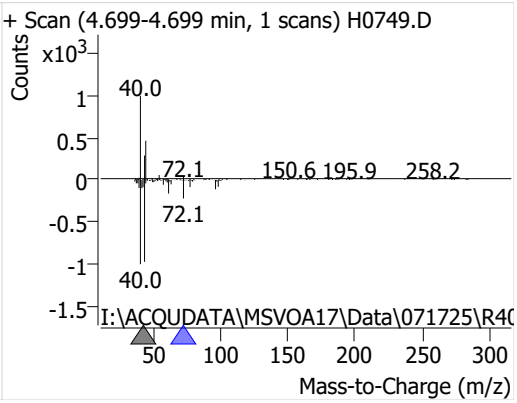




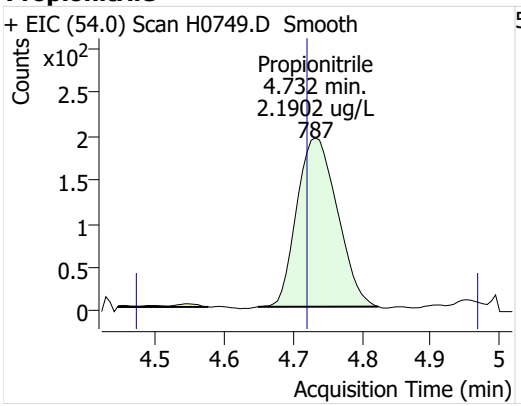
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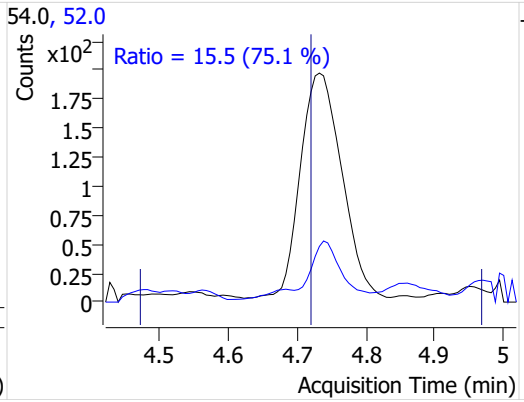


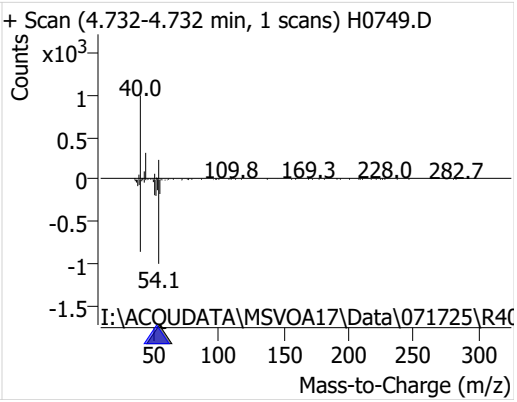




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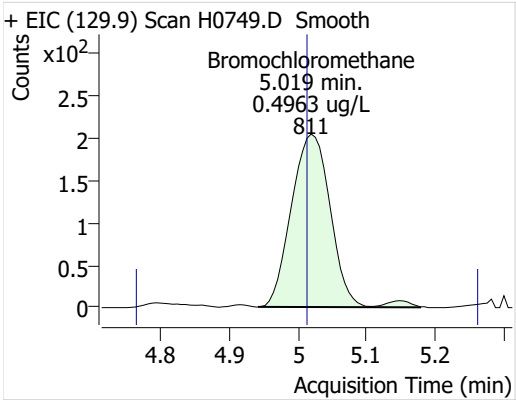


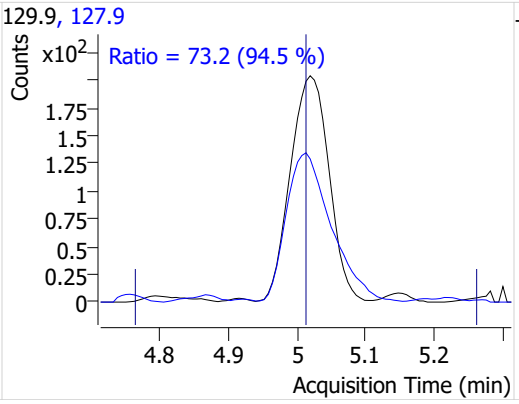


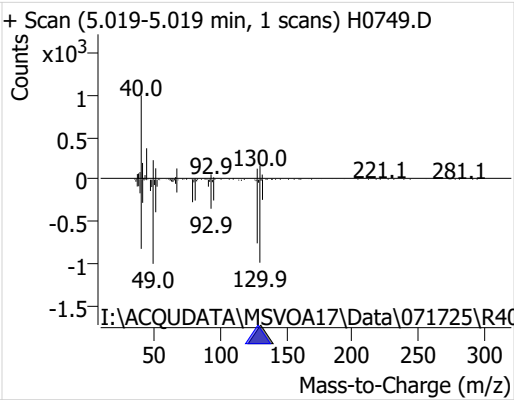


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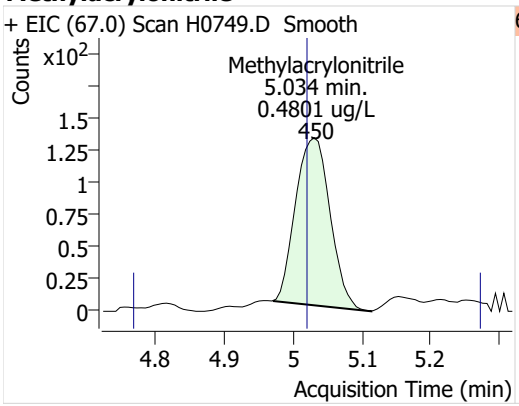
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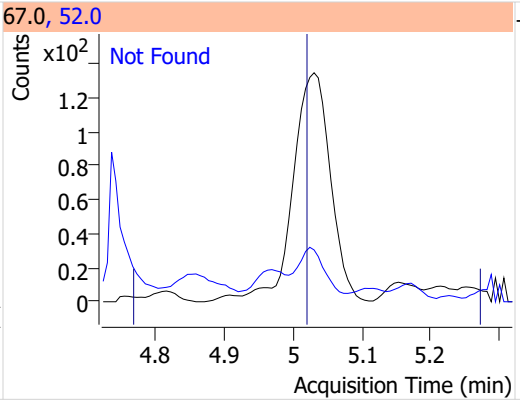


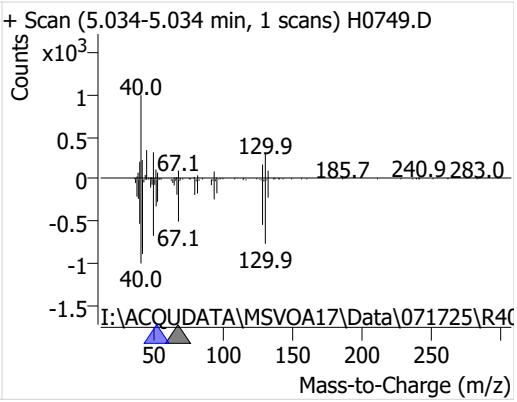




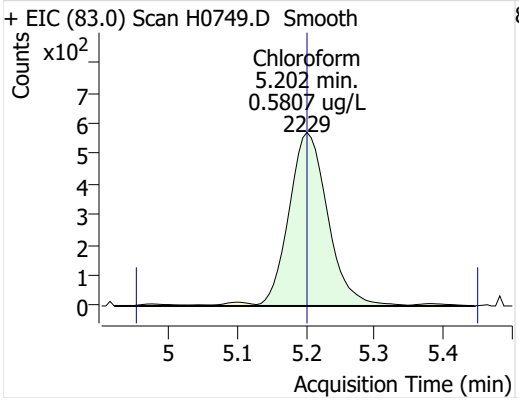
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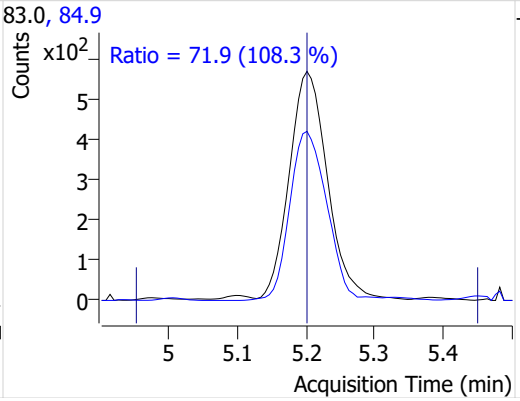


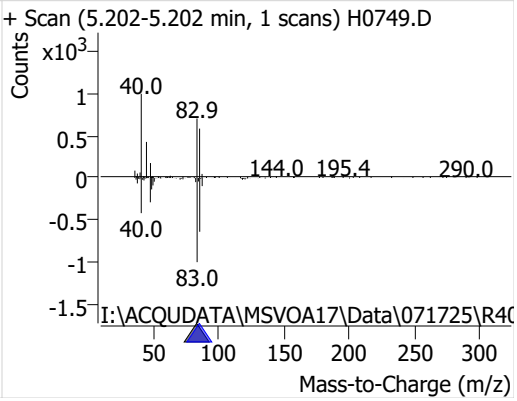




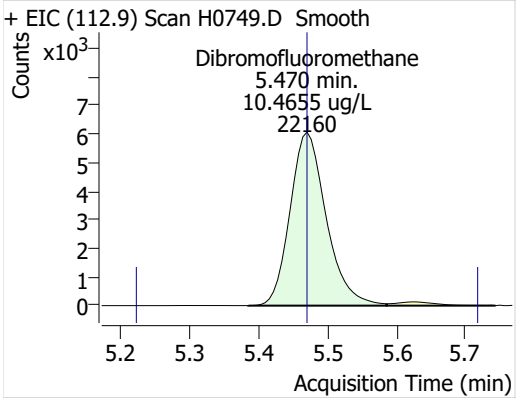
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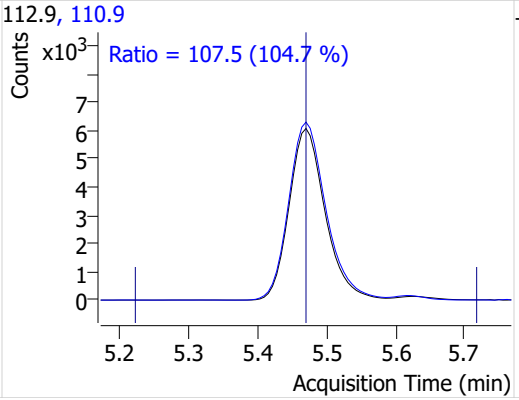


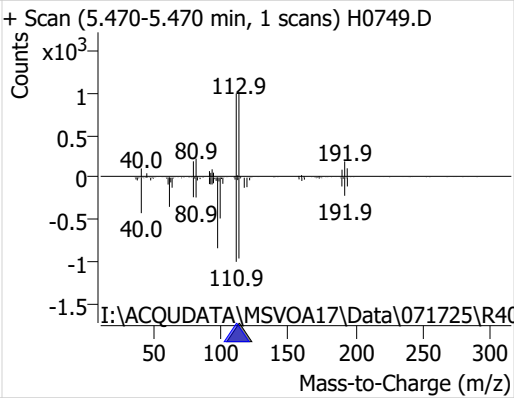




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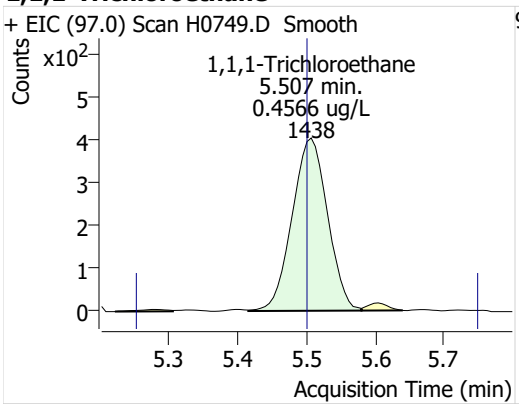


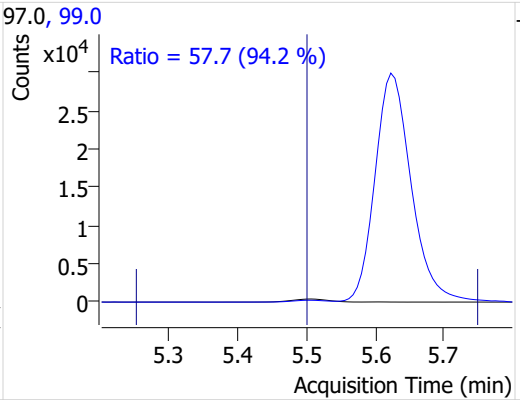


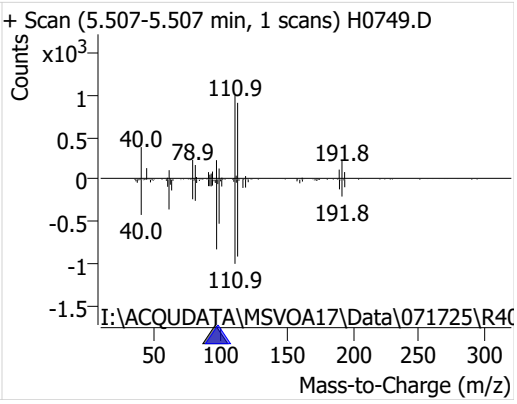


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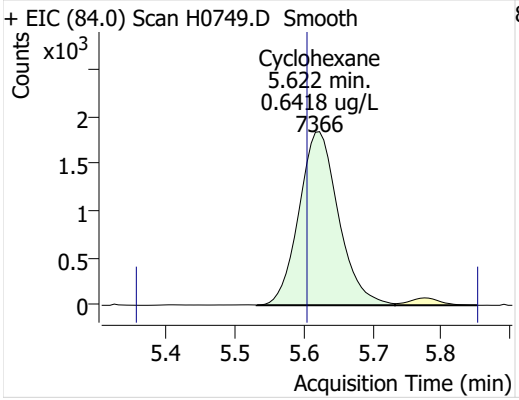
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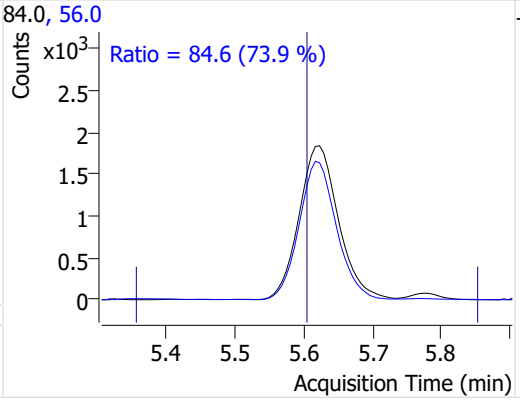


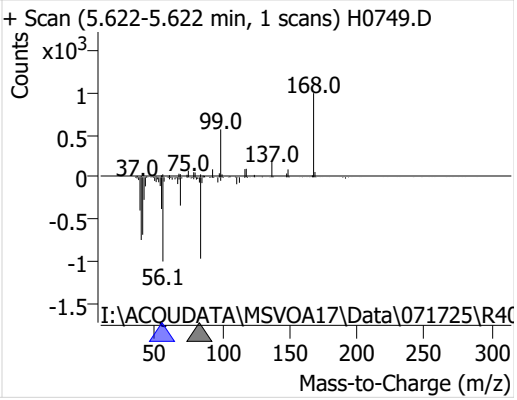




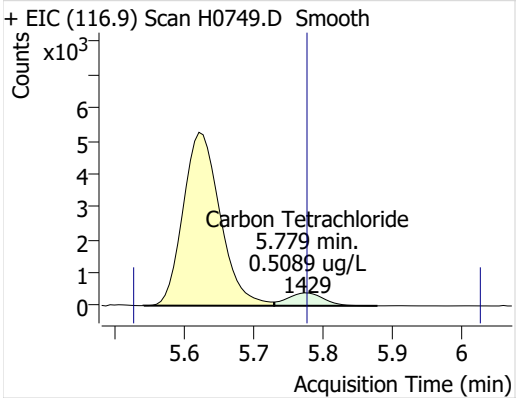
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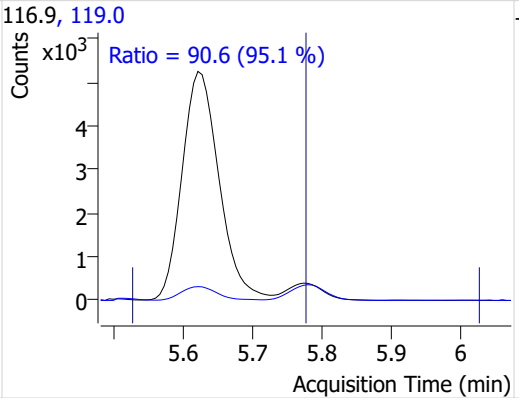


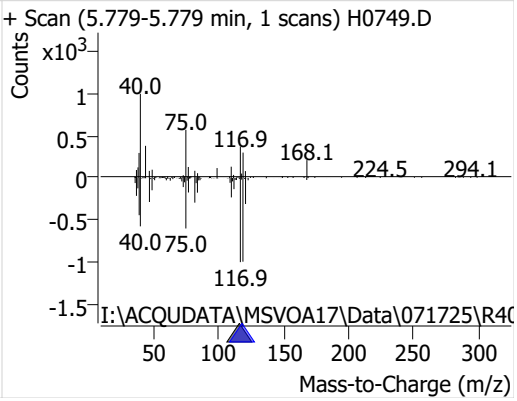




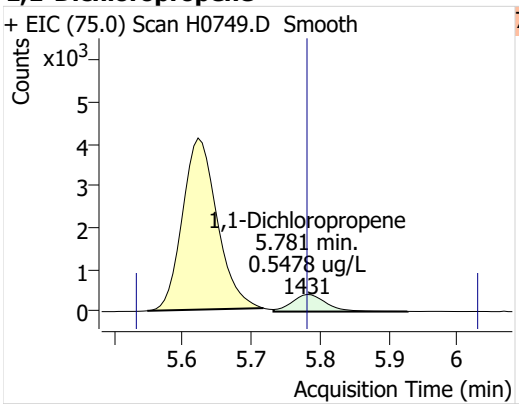
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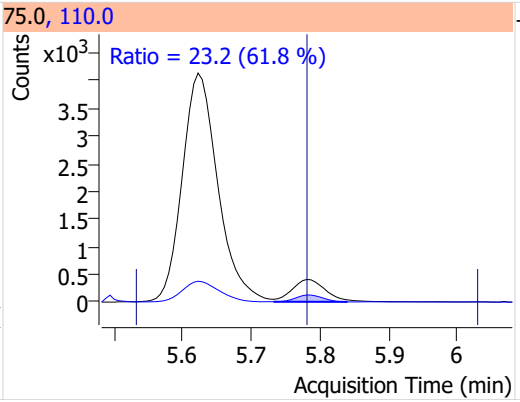


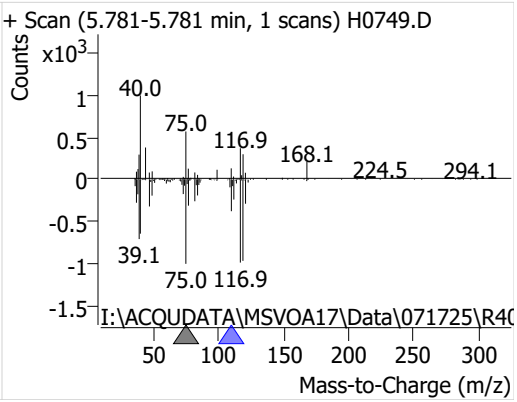




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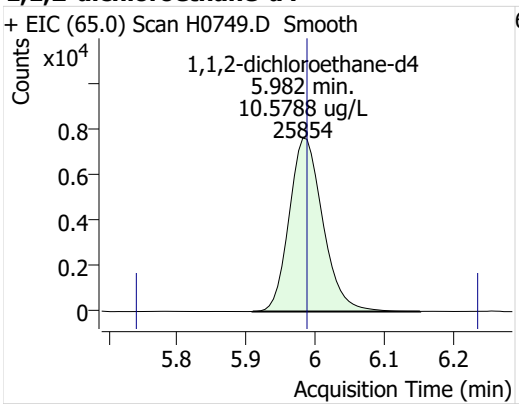


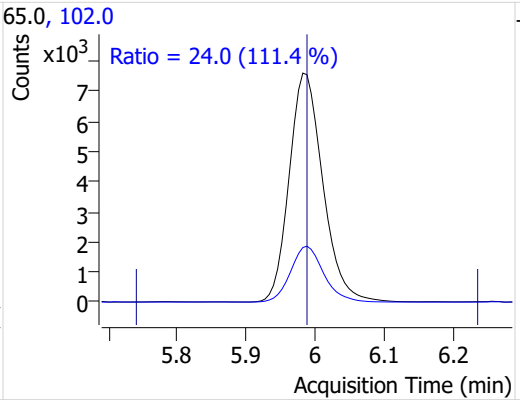


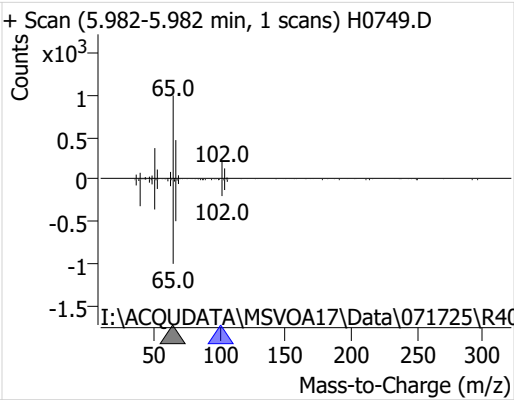


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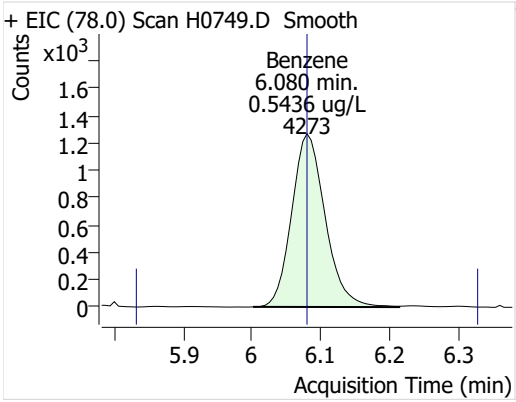
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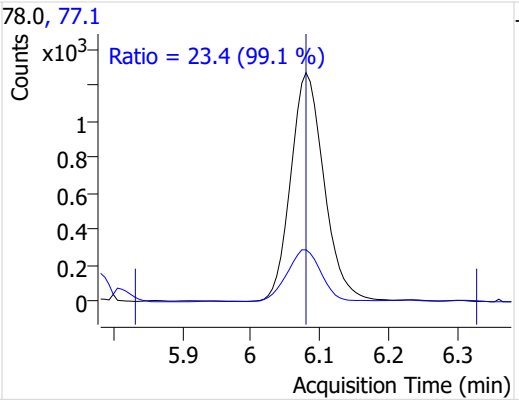


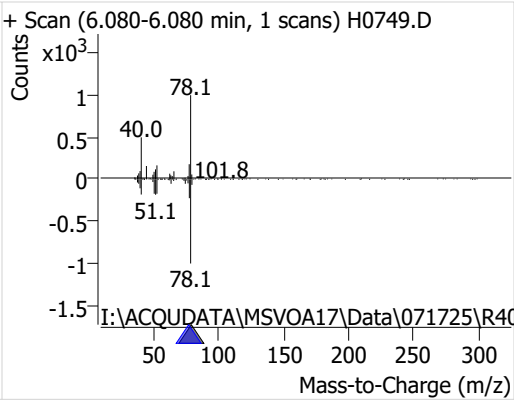




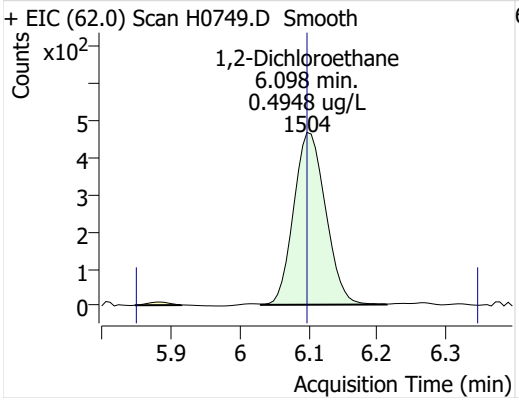
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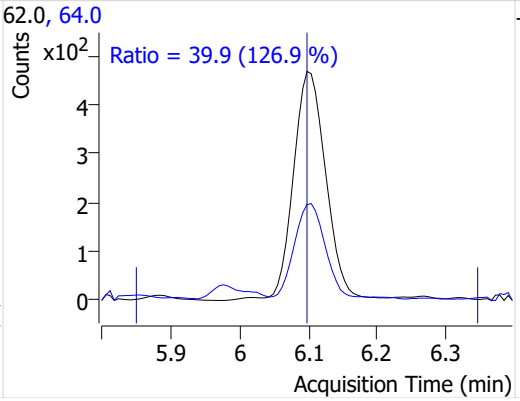


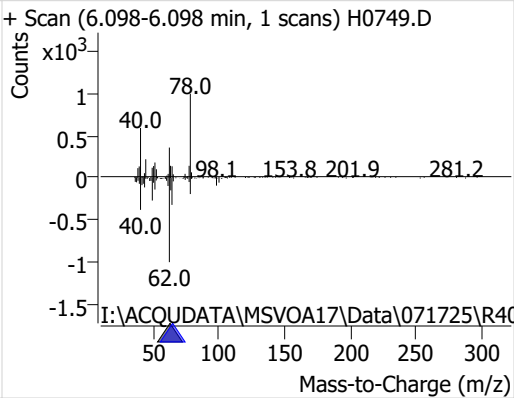




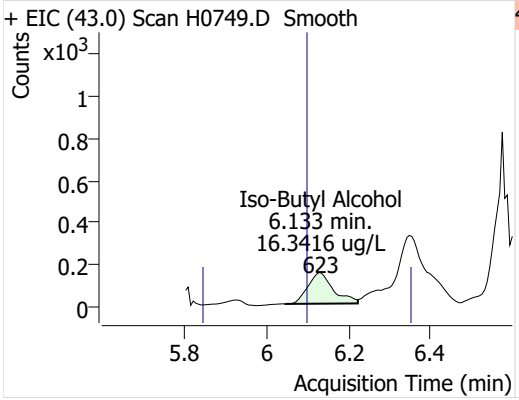
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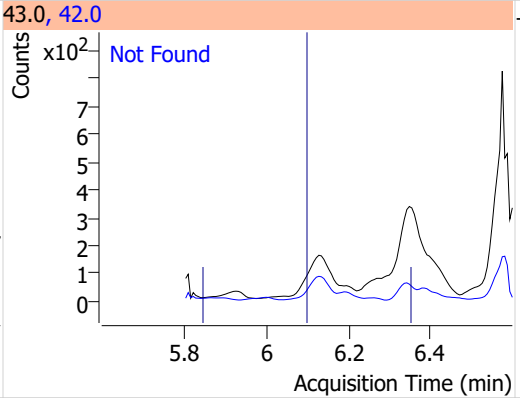


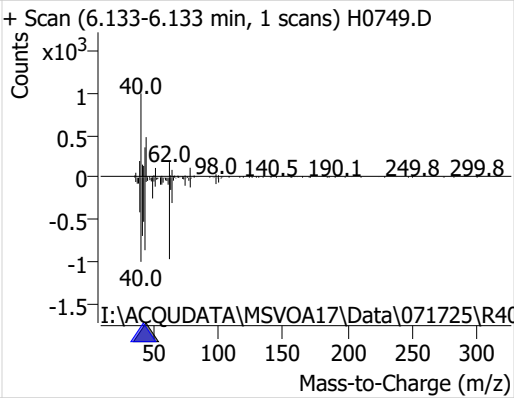




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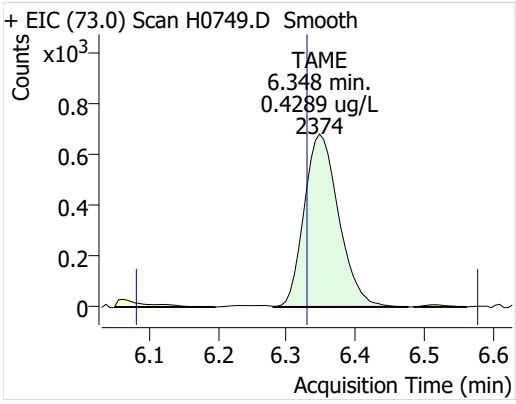


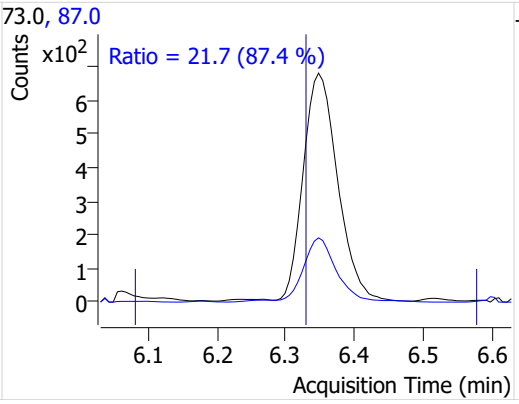


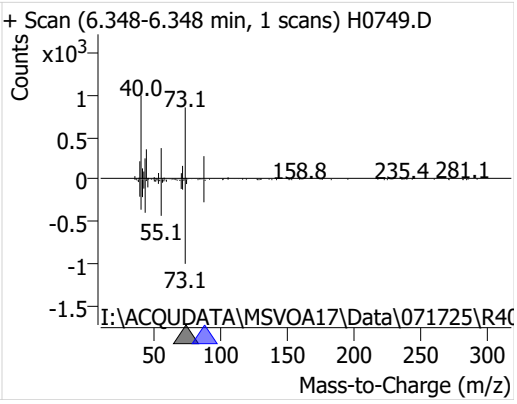


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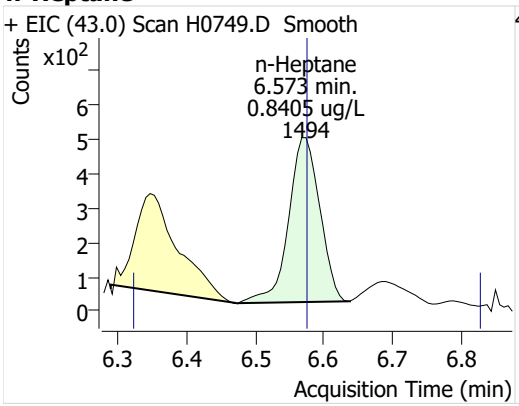
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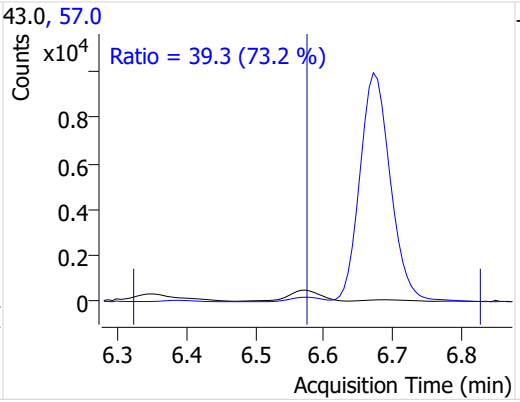


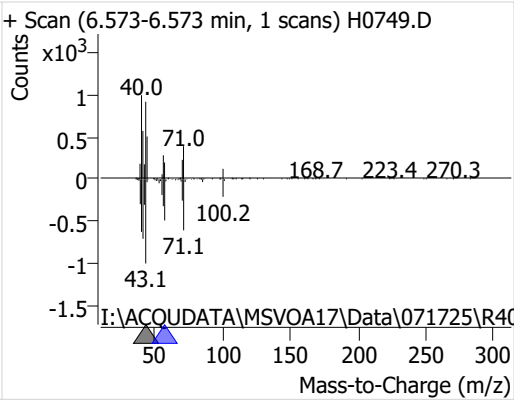




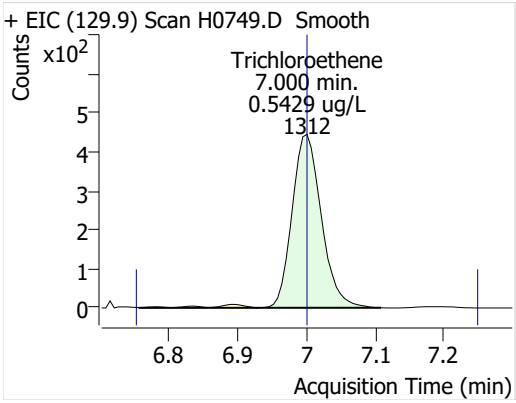
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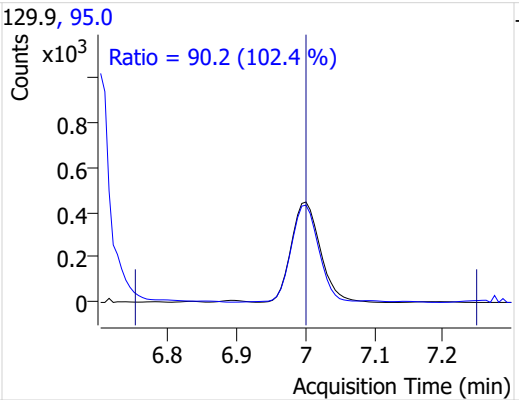


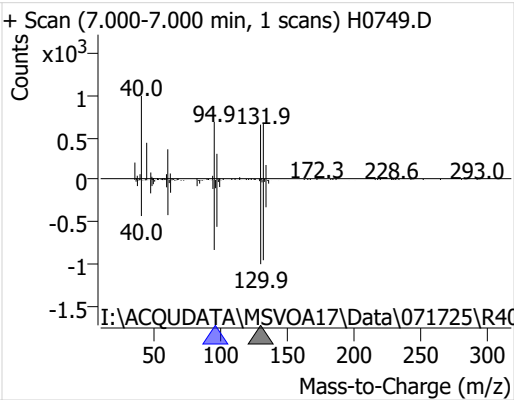




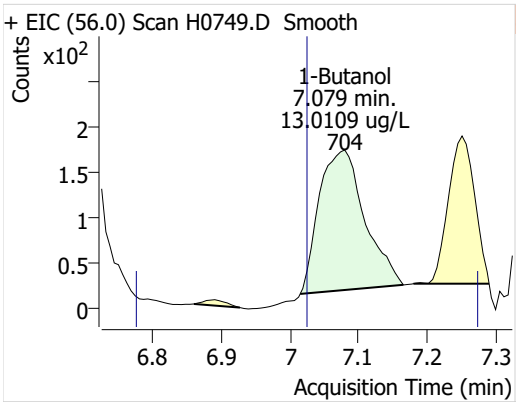
Trichloroethene

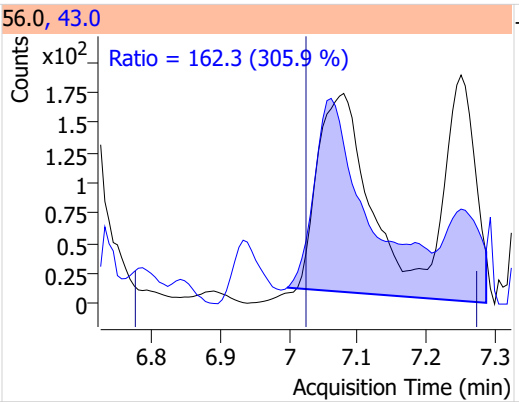


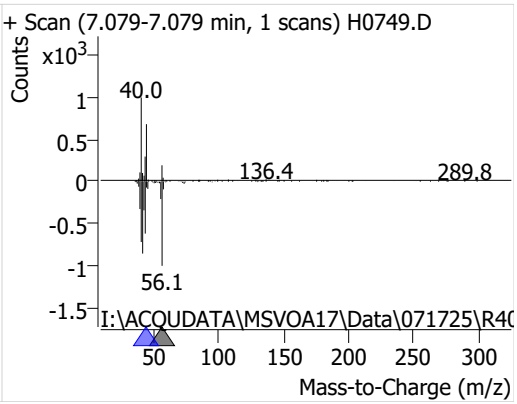




1-Butanol

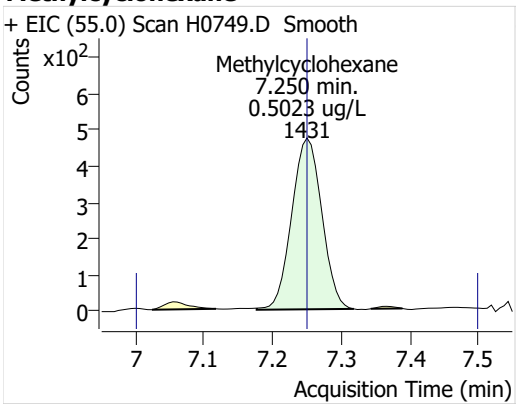


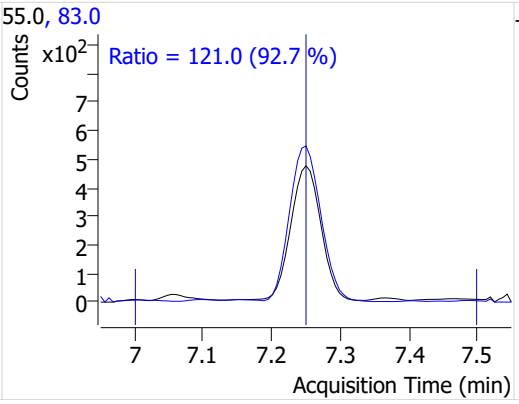


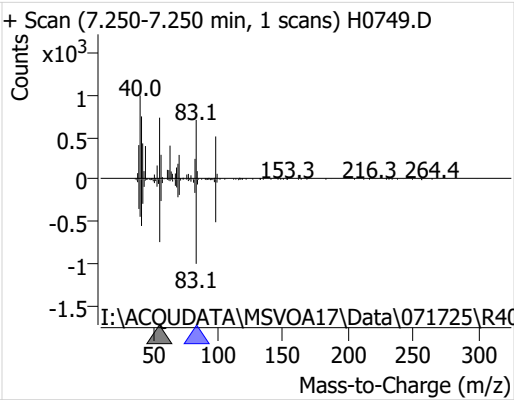


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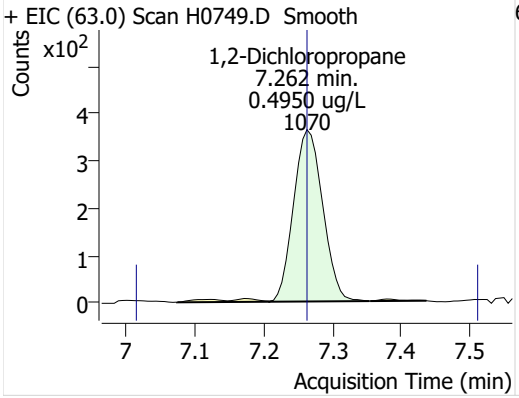
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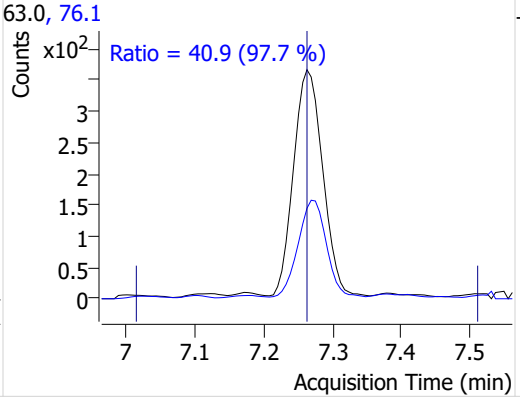


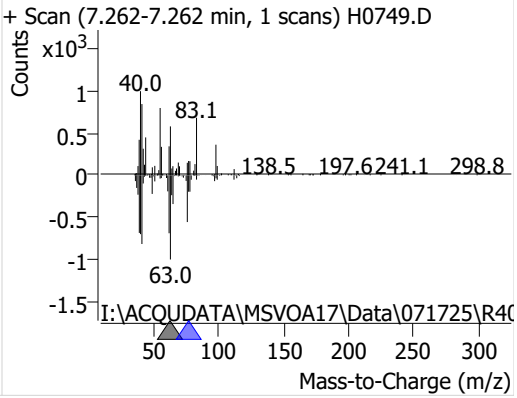




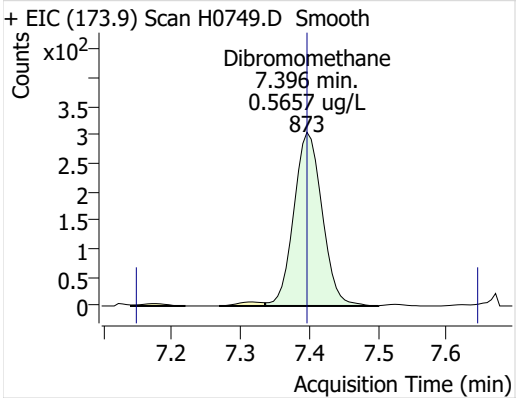
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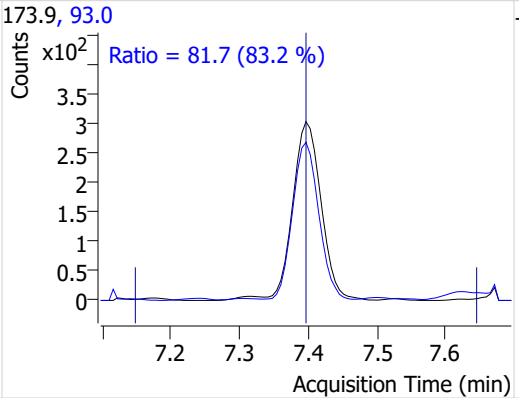


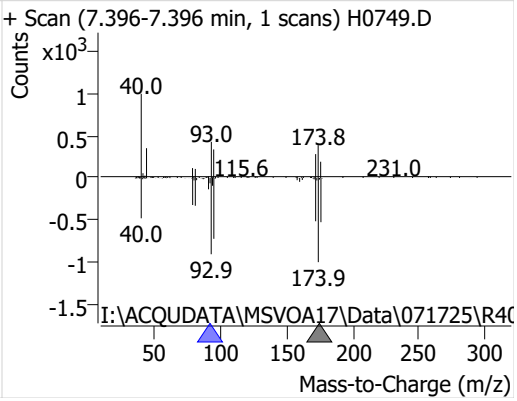




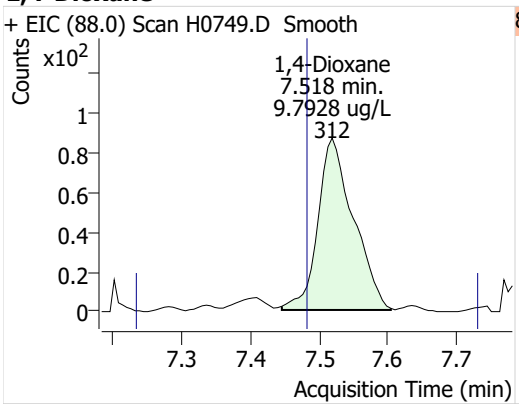
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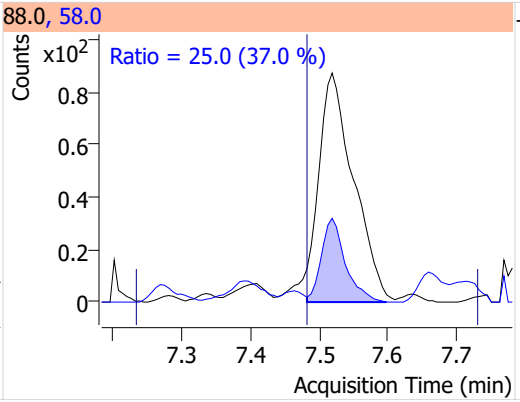


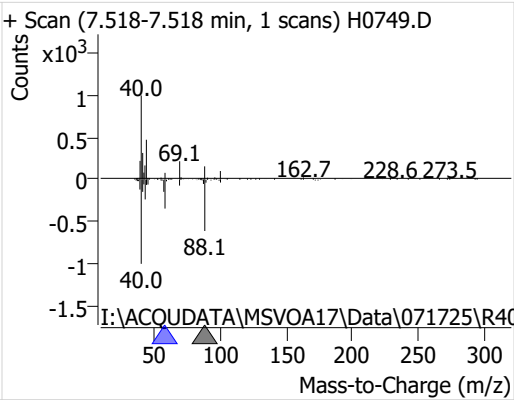




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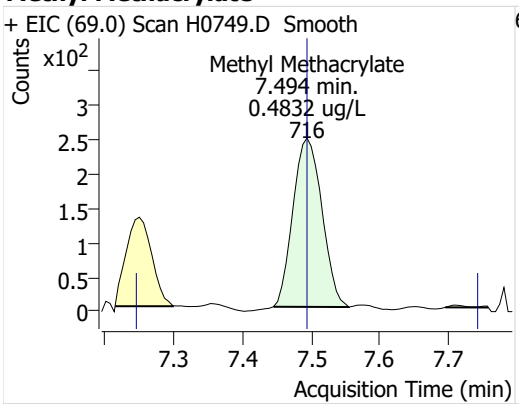


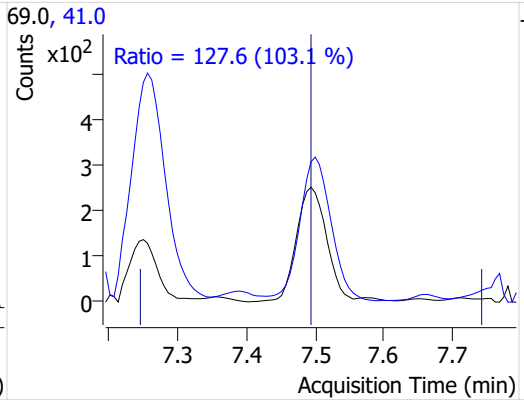


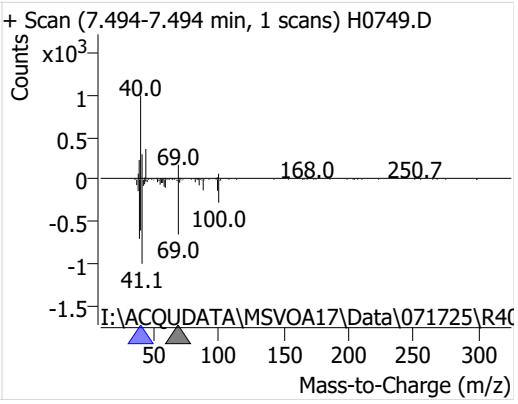


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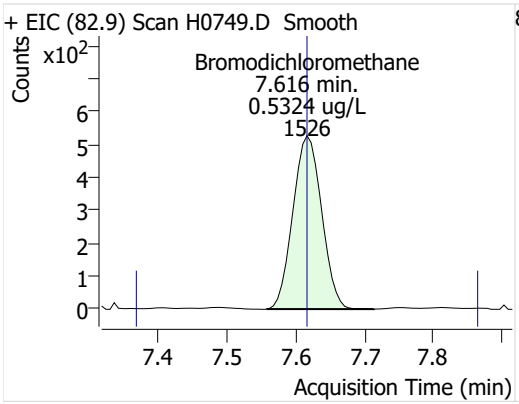
Methyl Methacrylate

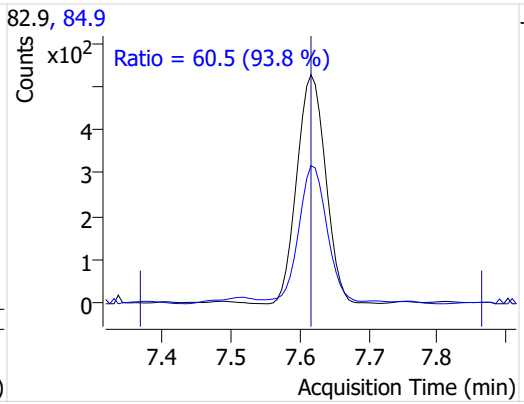


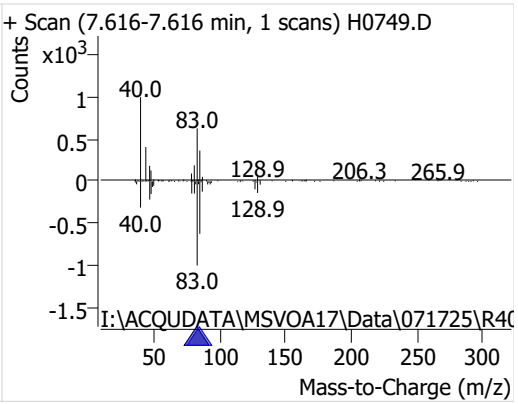




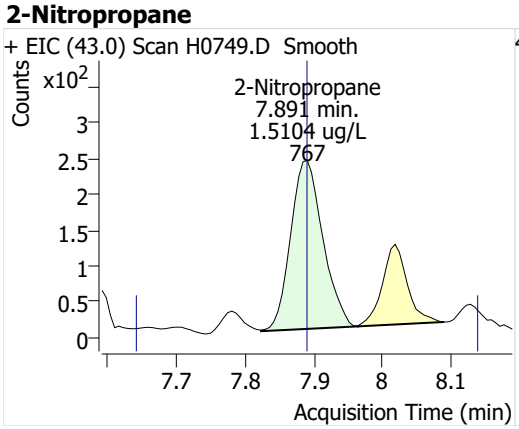
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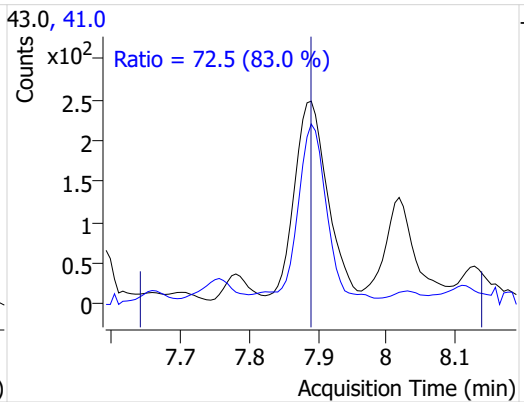


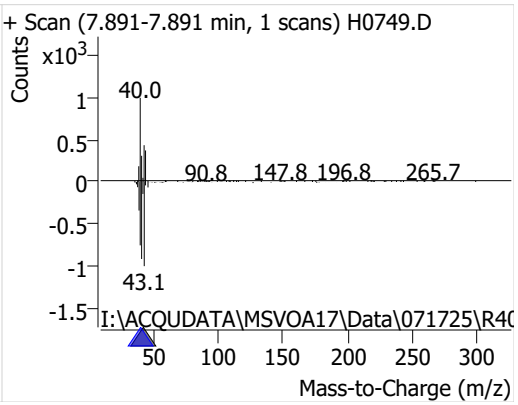




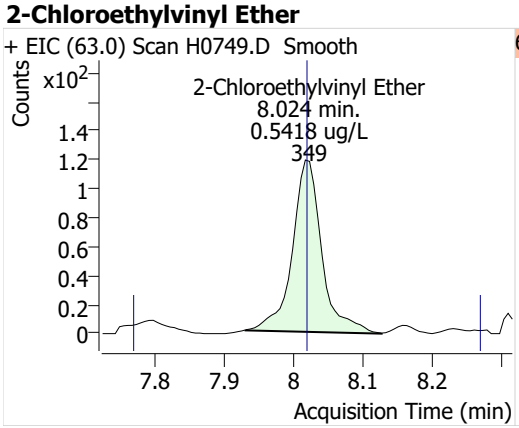
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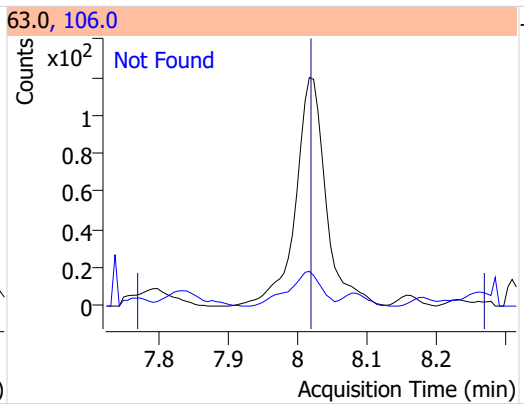


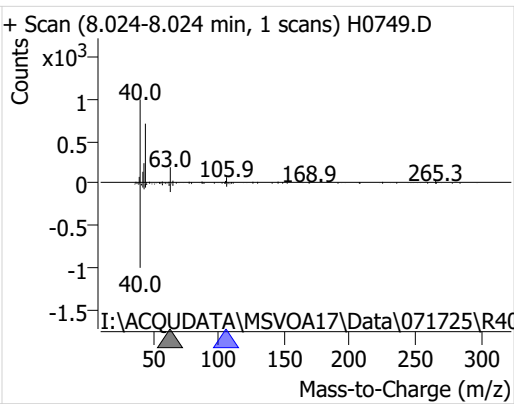




2-Chloroethylvinyl Ether

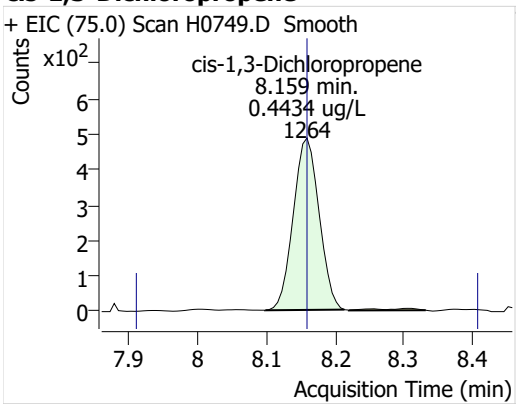


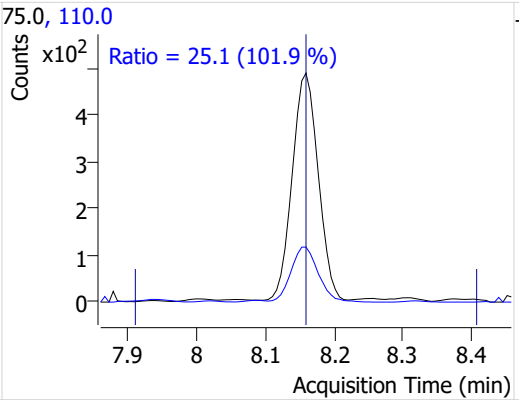


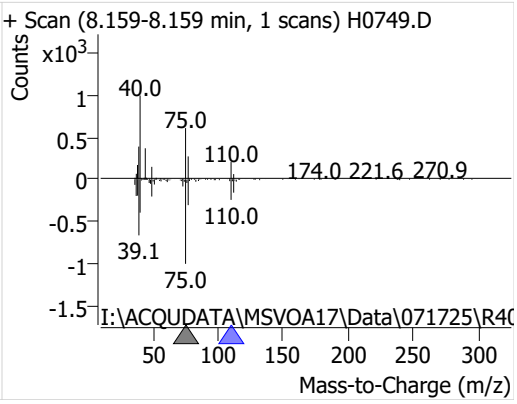


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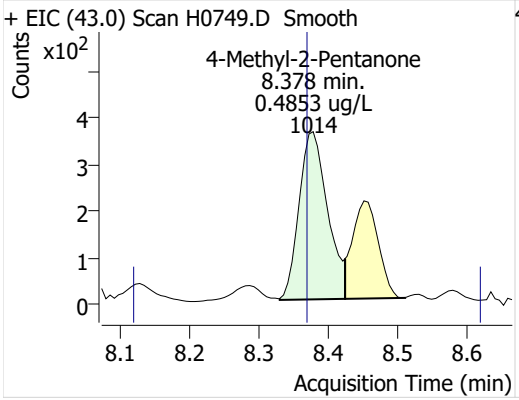
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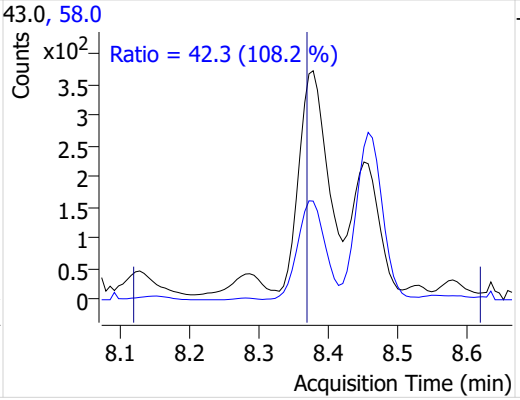


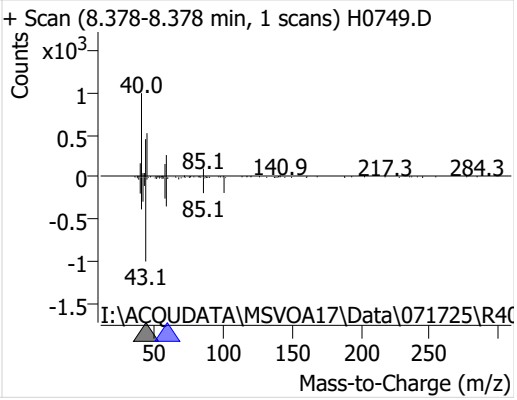




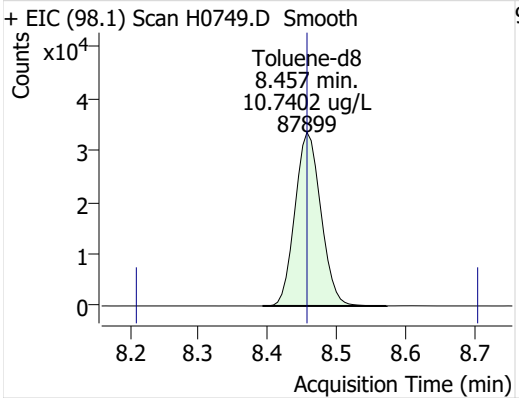
4-Methyl-2-Pentanone

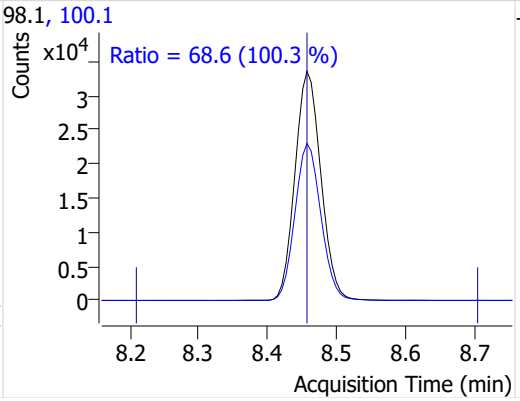


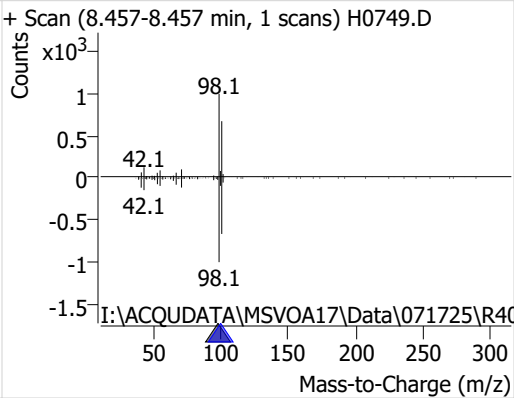




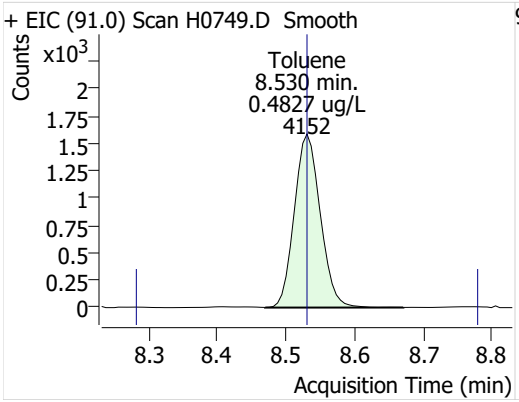
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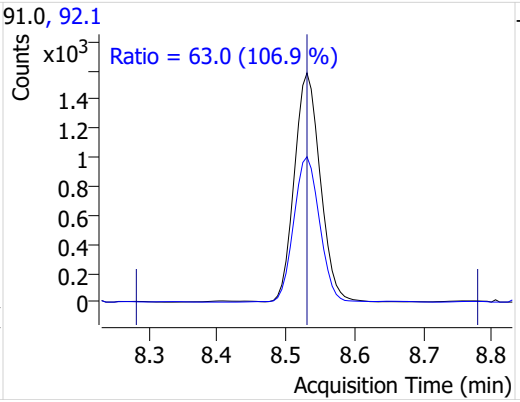


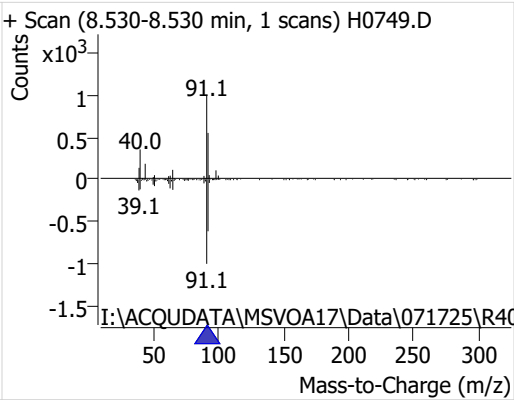




Toluene

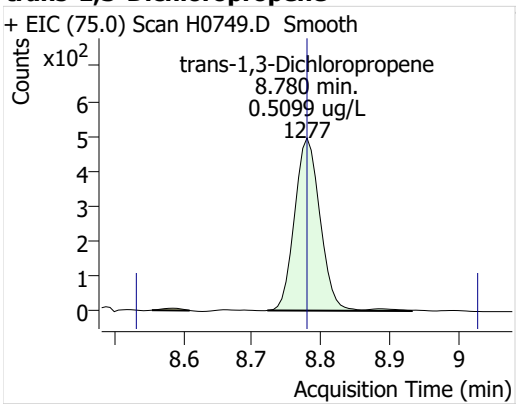


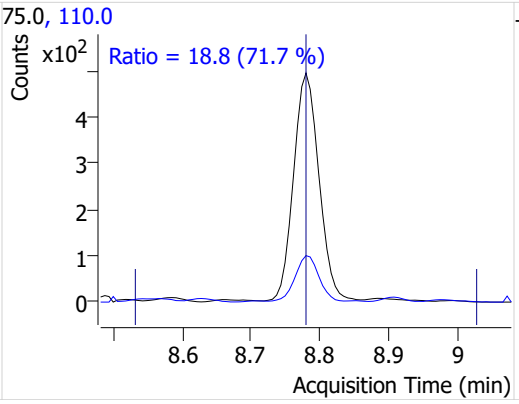


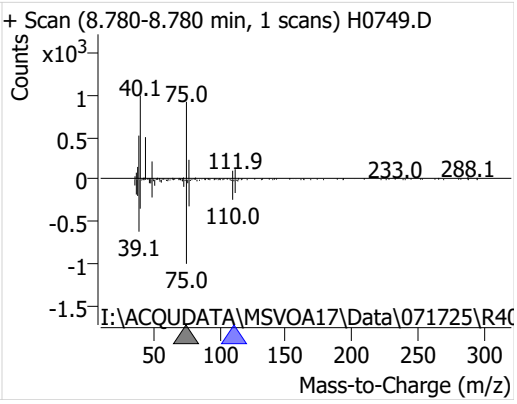


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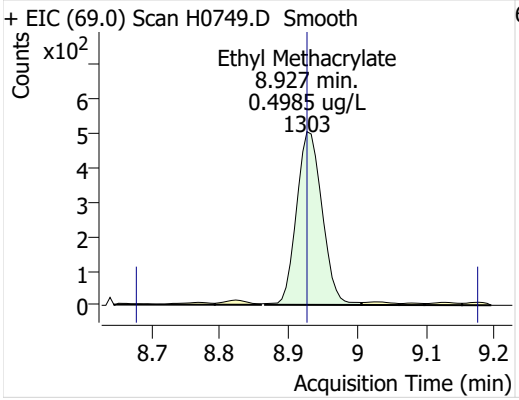
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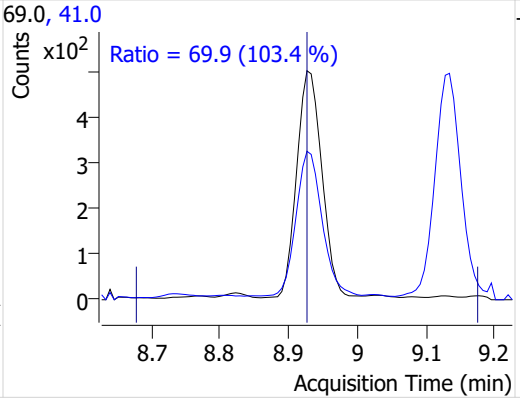


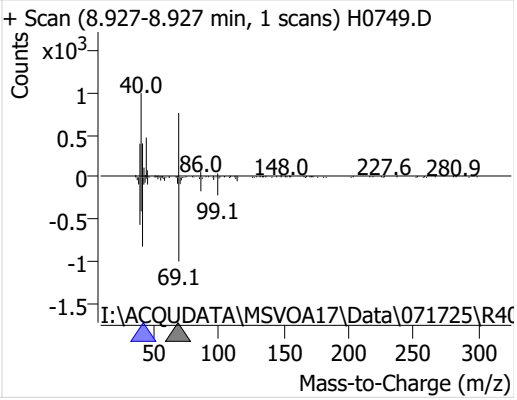




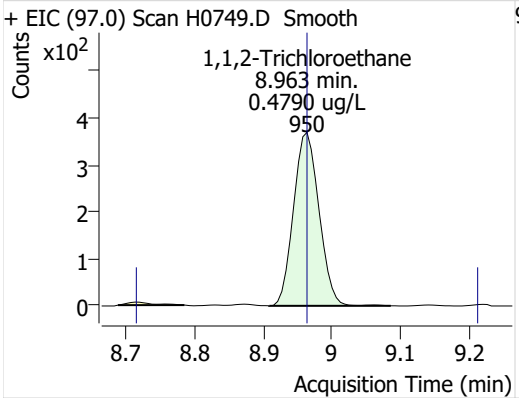
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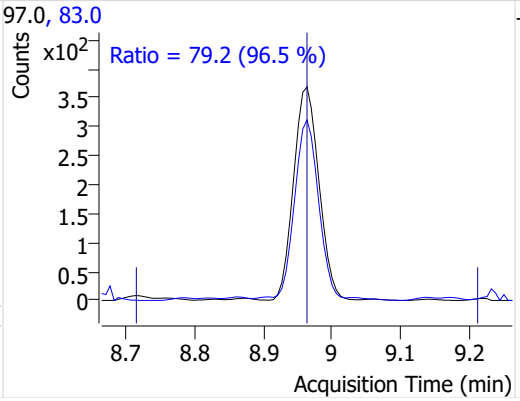


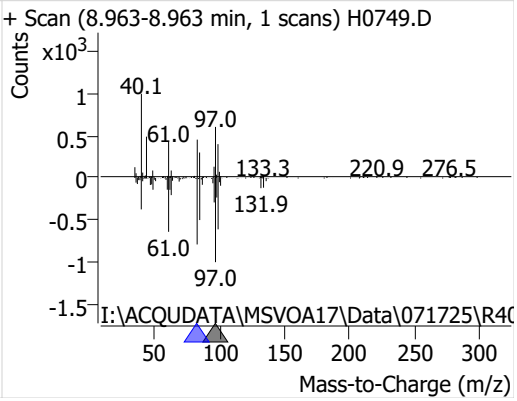




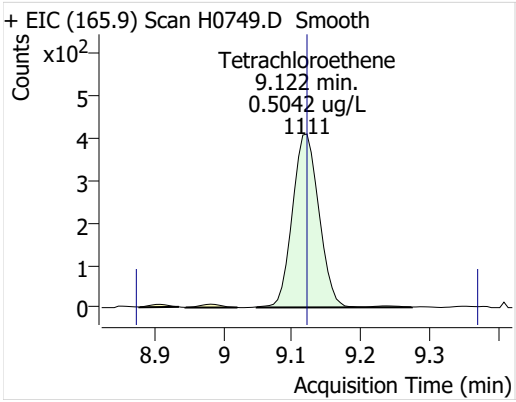
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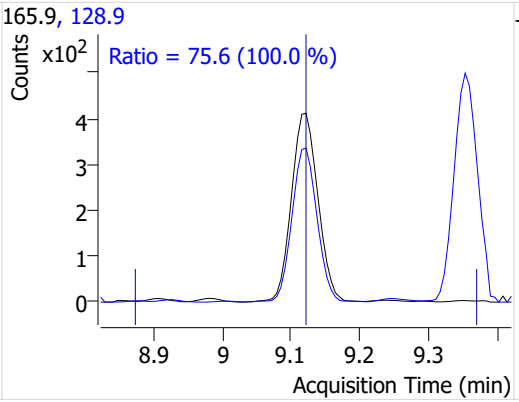


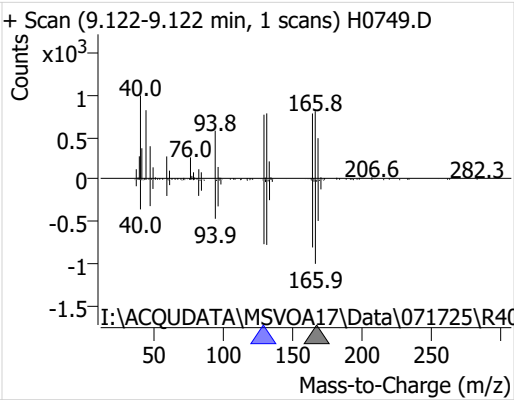




Tetrachloroethene

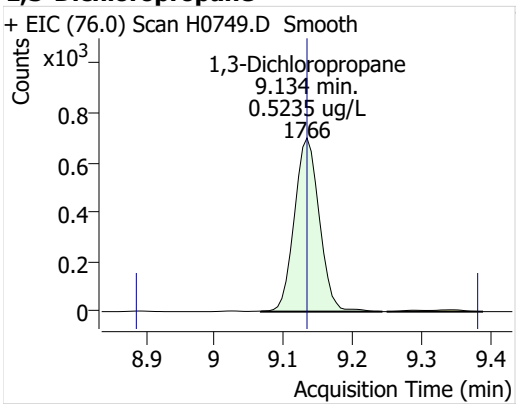


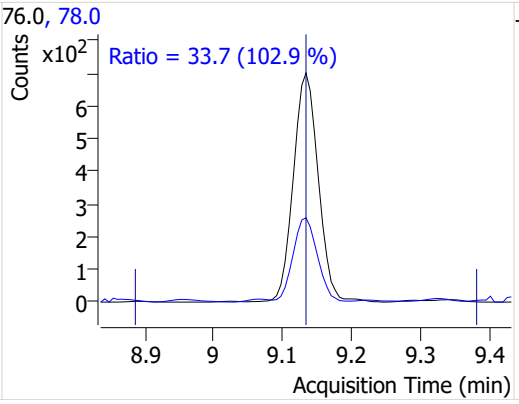


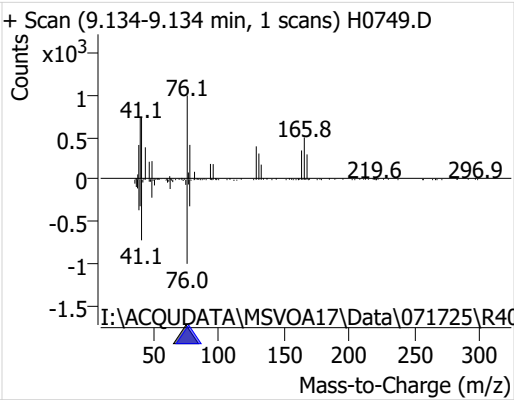


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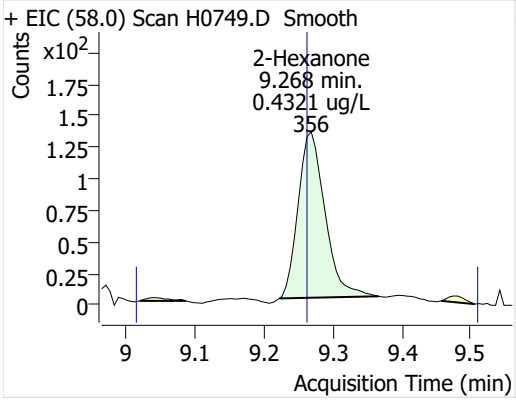
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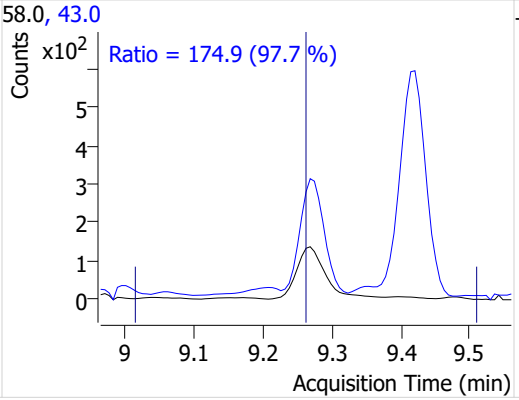


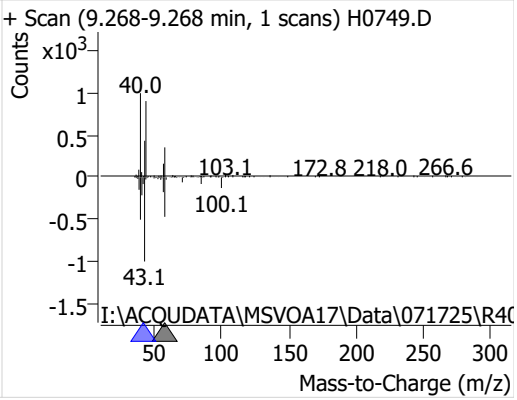




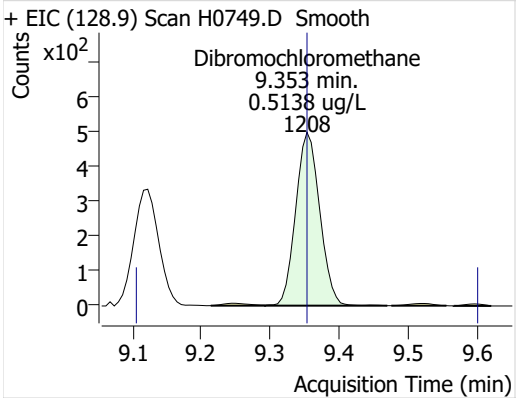
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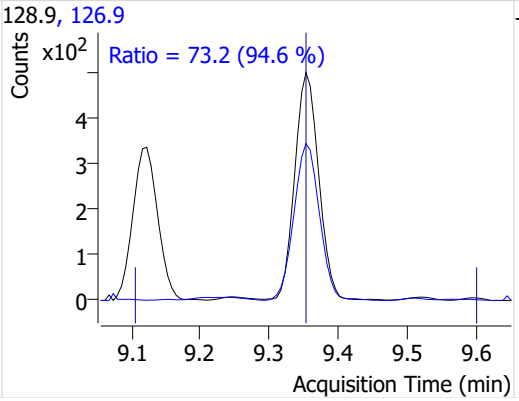


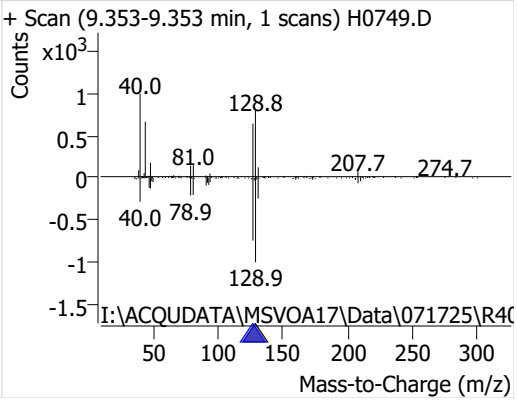




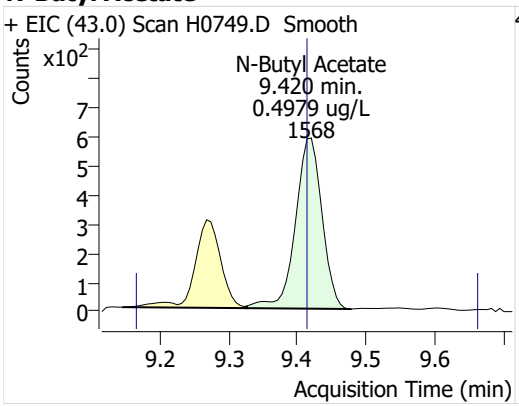
Dibromochloromethane

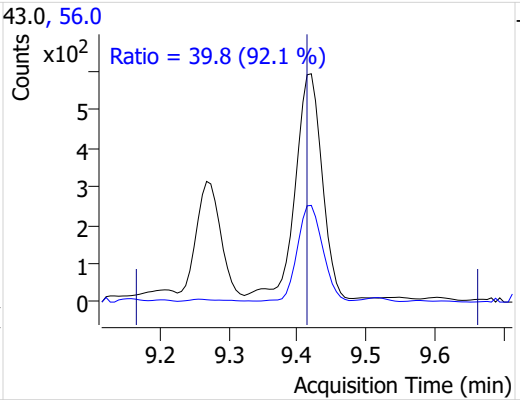


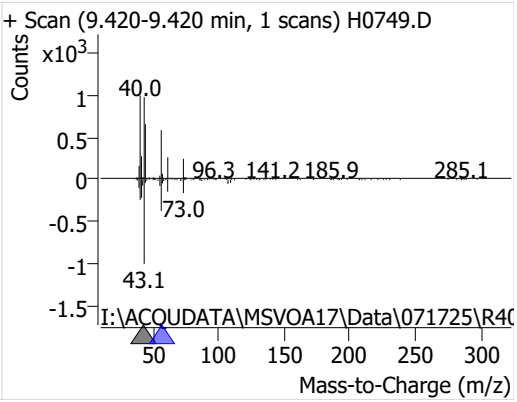




N-Butyl Acetate

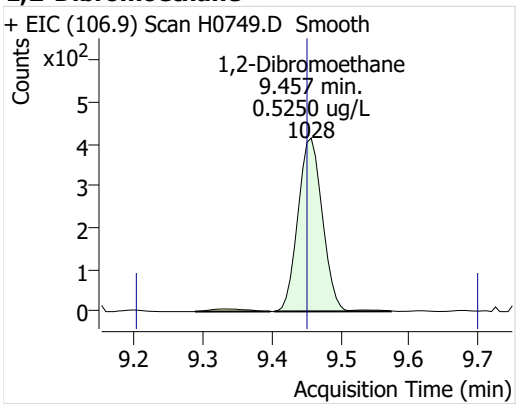


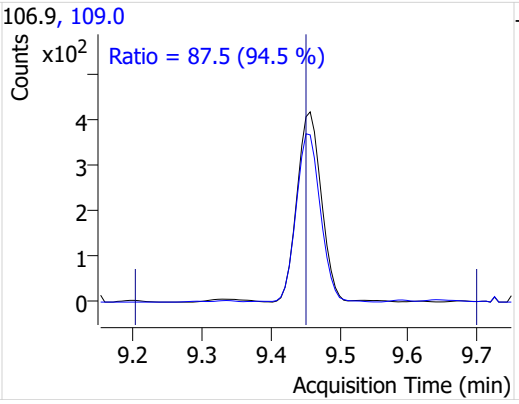


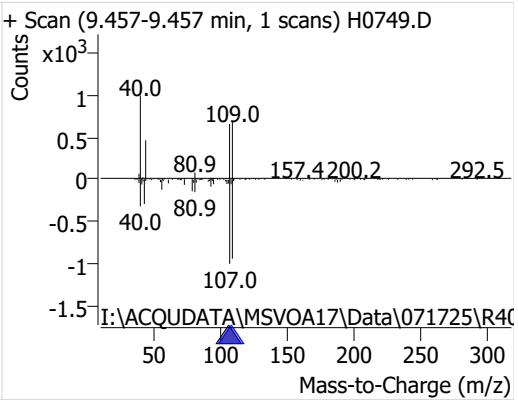


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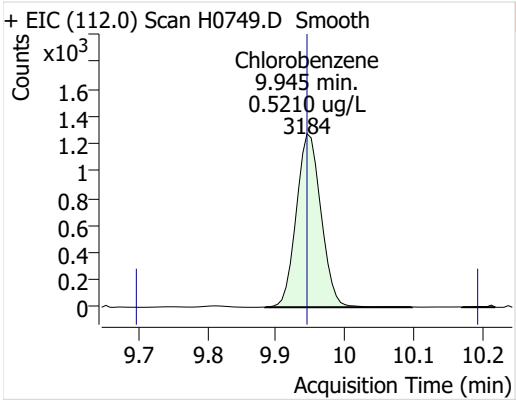
1,2-Dibromoethane

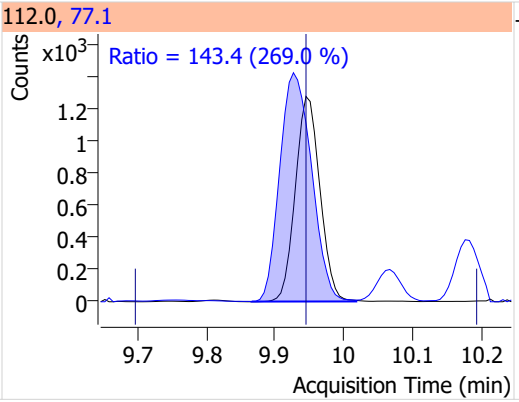


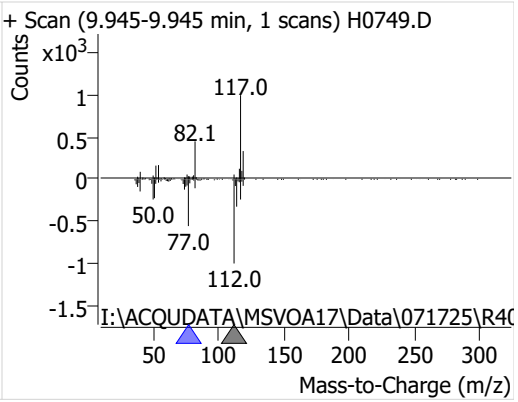




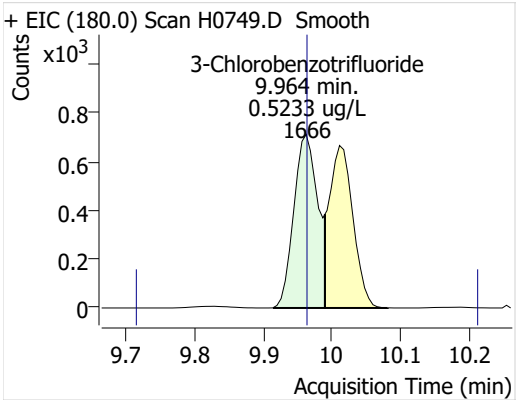
Chlorobenzene

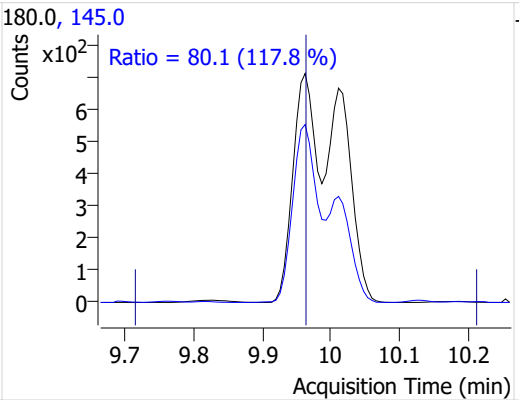


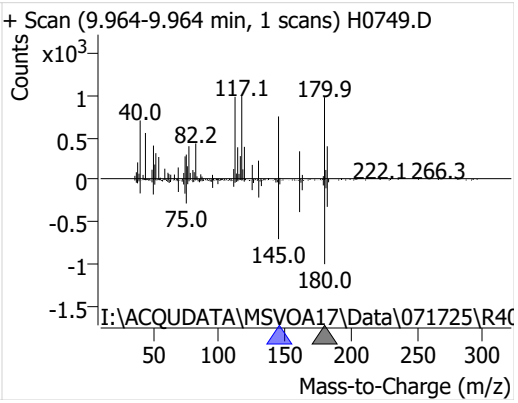




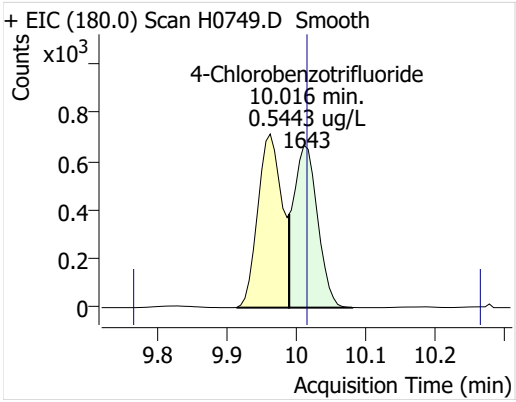
3-Chlorobenzotrifluoride

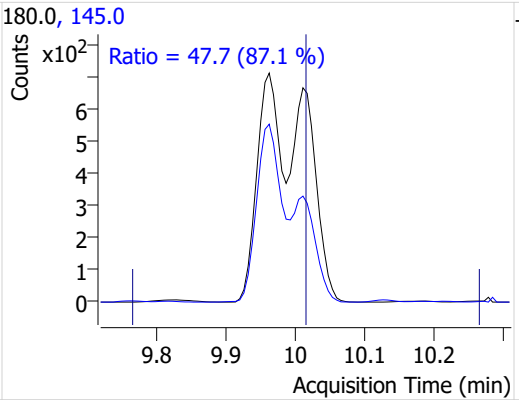


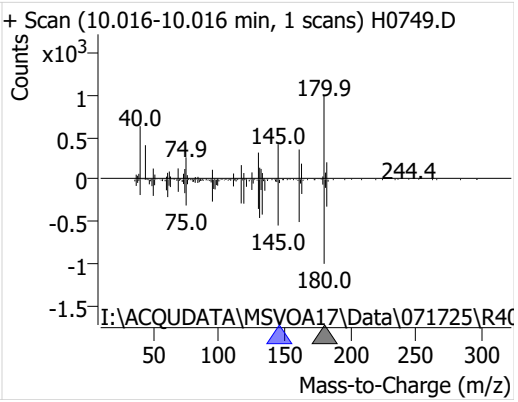




4-Chlorobenzotrifluoride

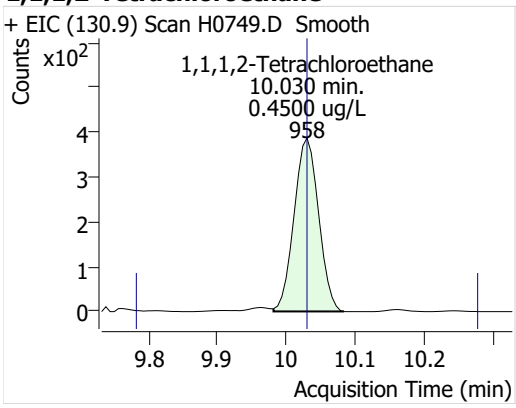


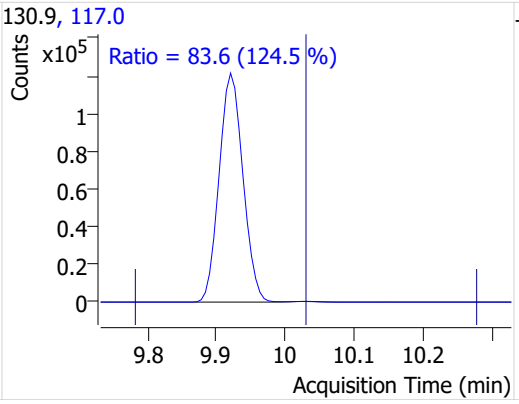


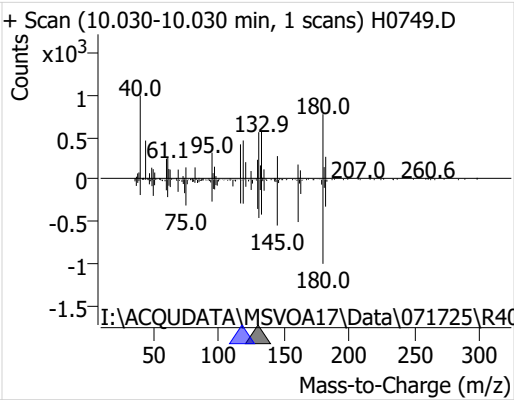


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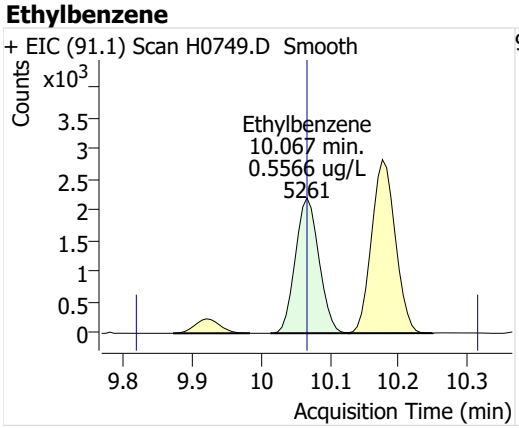
1,1,1,2-Tetrachloroethane

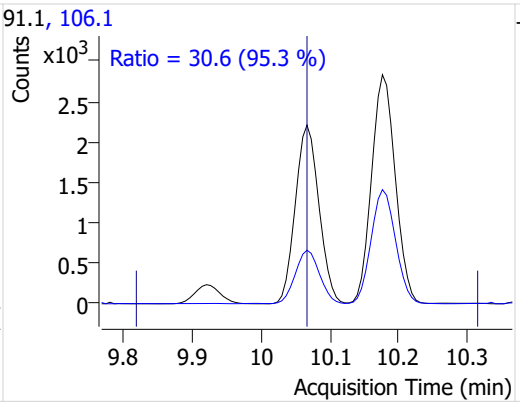


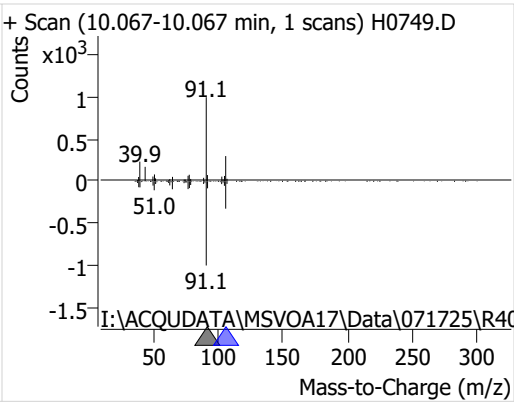




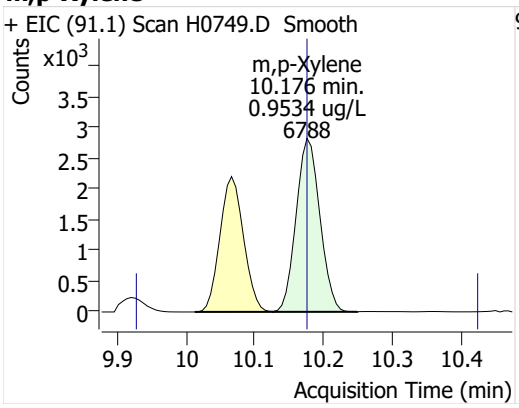
Ethylbenzene

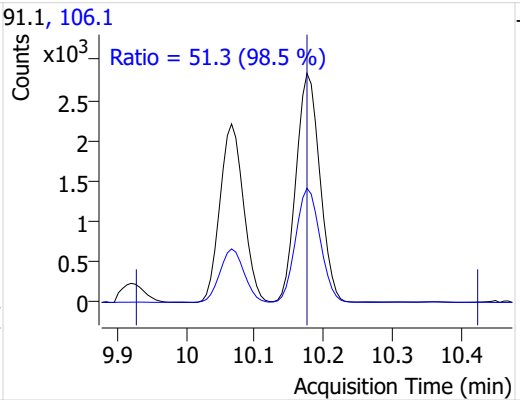


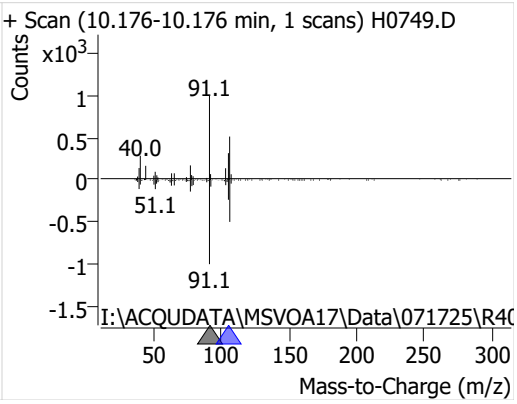




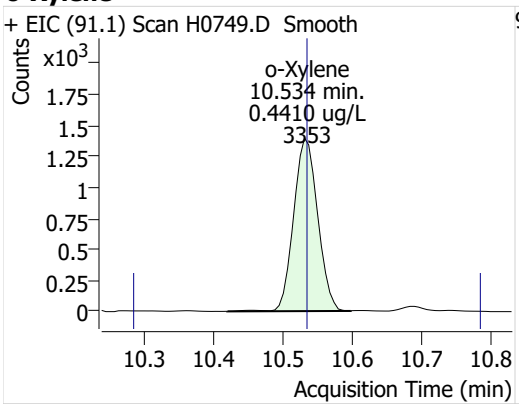
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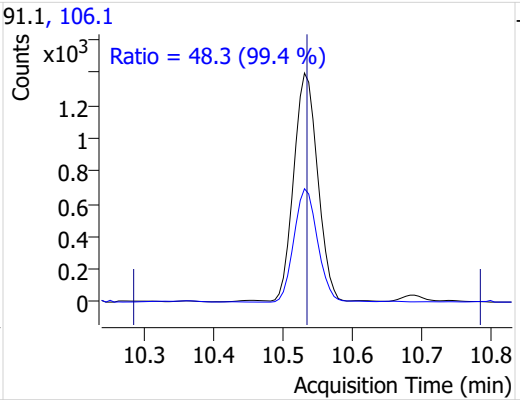


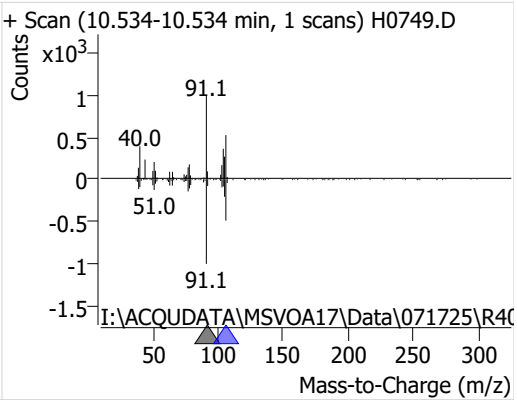




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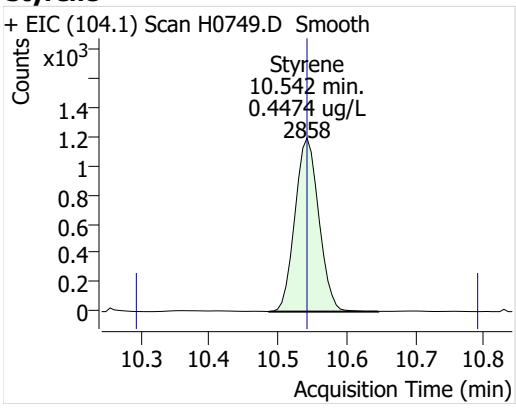


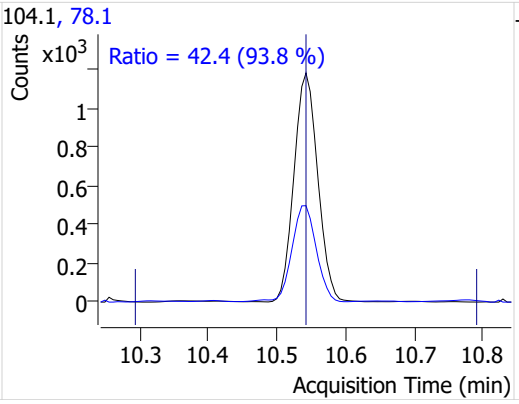


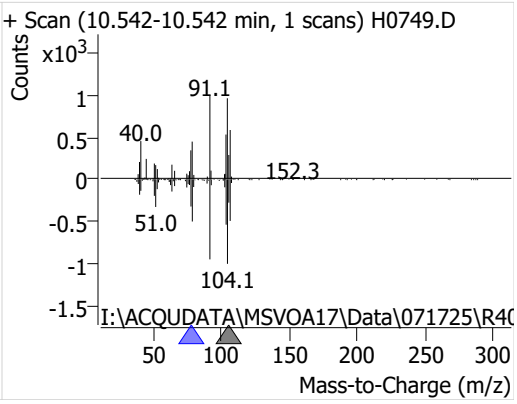


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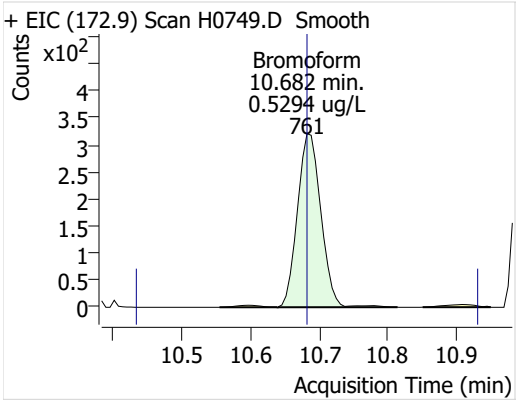
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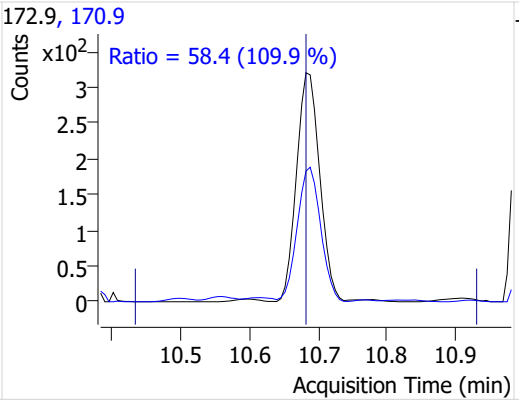


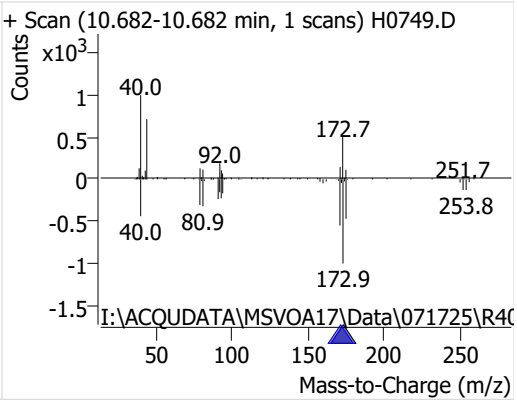




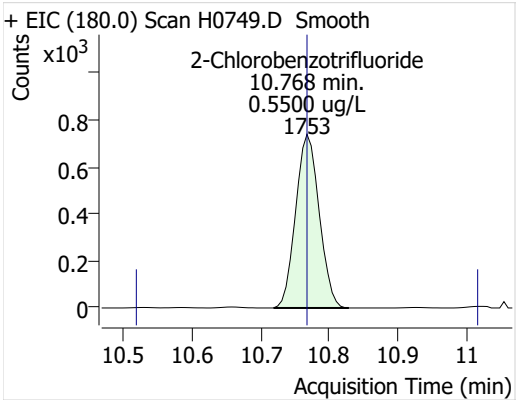
Bromoform

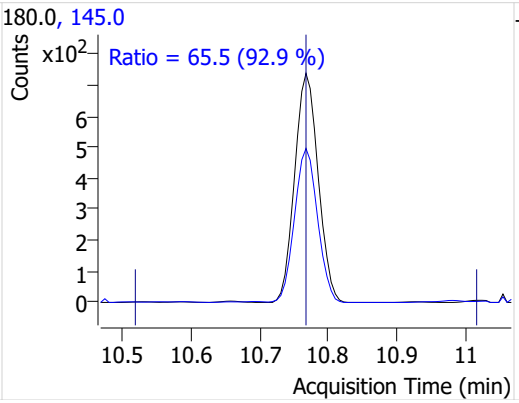


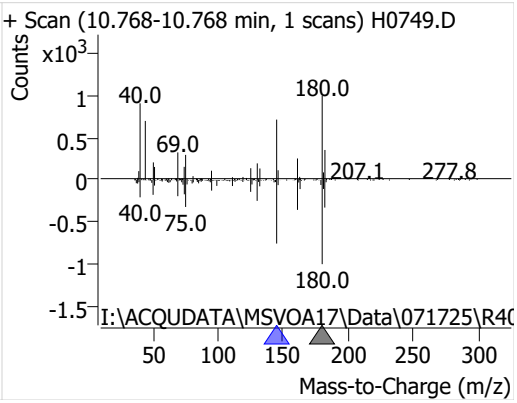




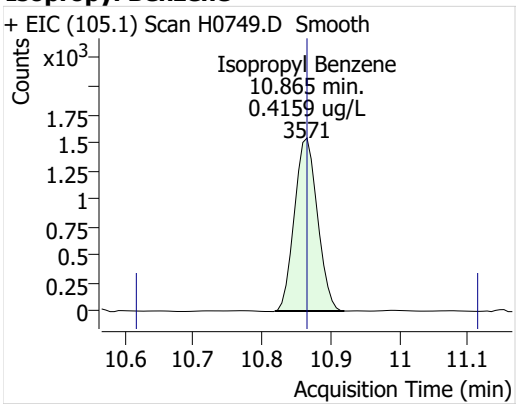
2-Chlorobenzotrifluoride

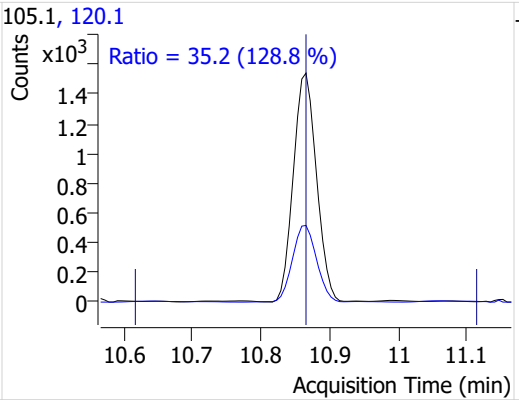


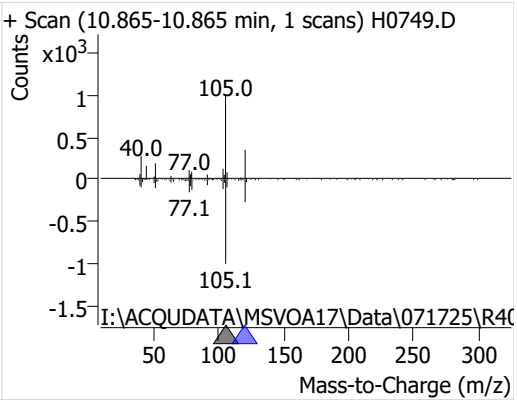




Isopropyl Benzene

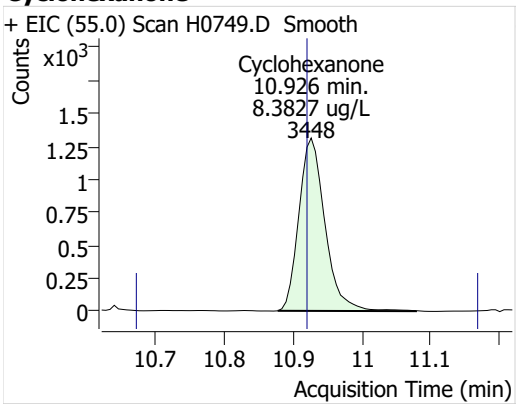


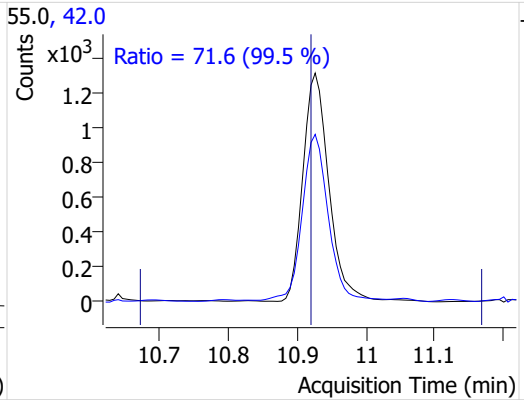


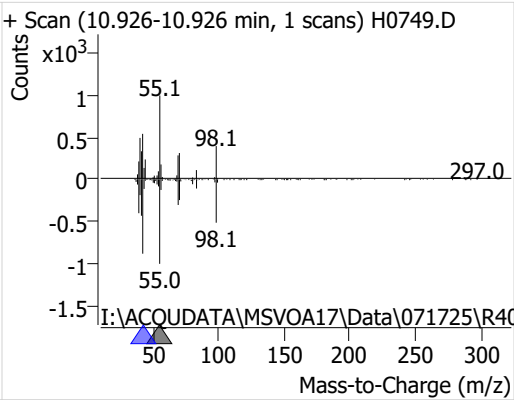


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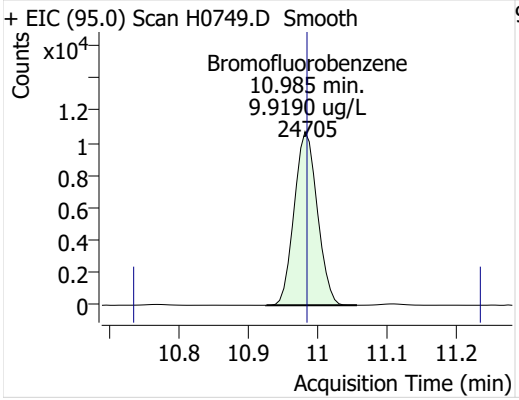
Cyclohexanone

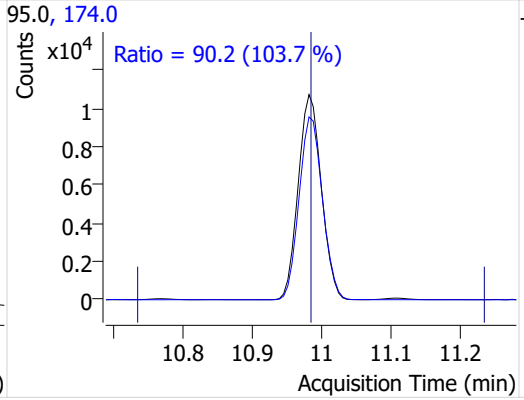


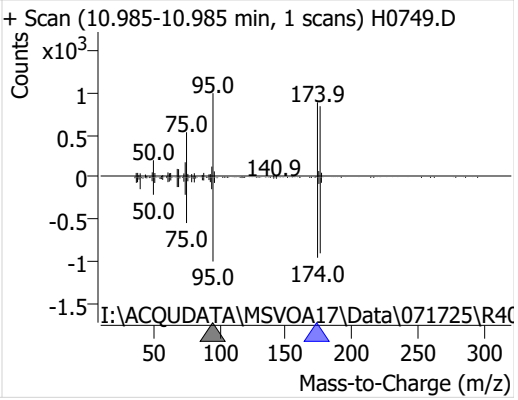




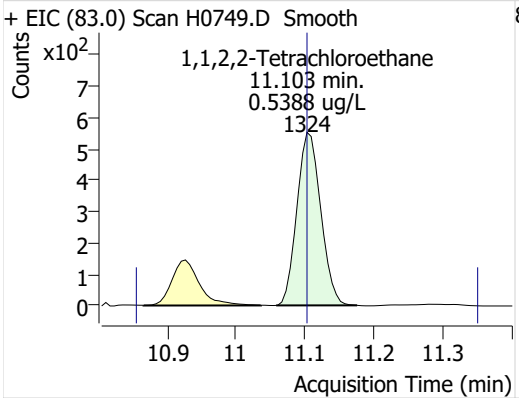
Bromofluorobenzene

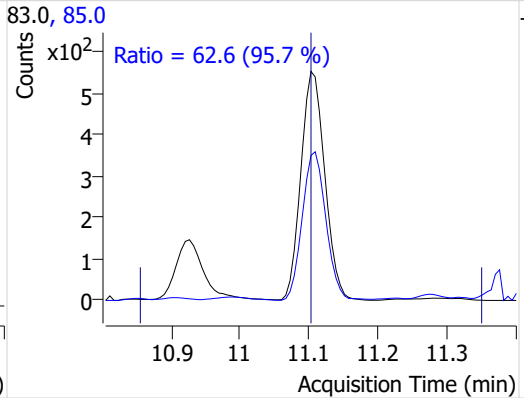


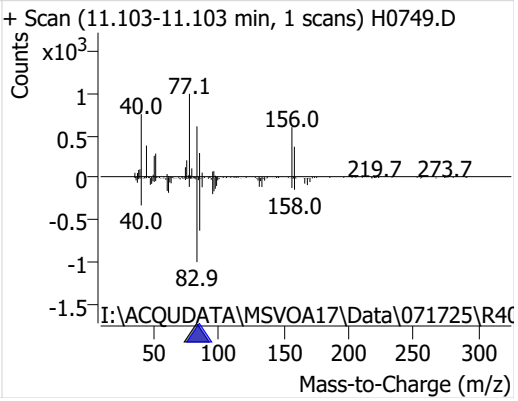




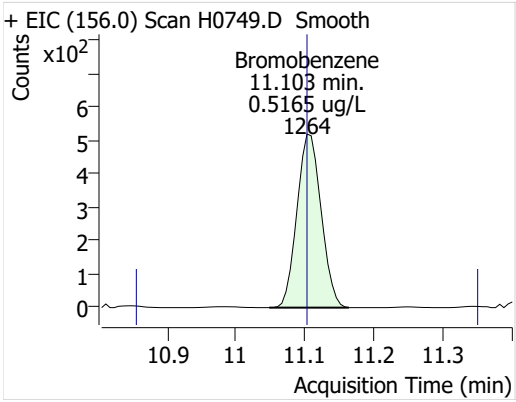
1,1,2,2-Tetrachloroethane

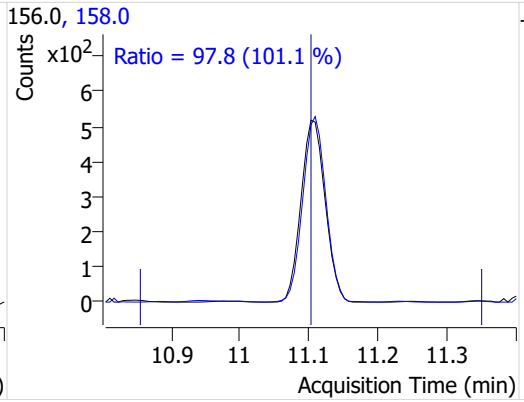


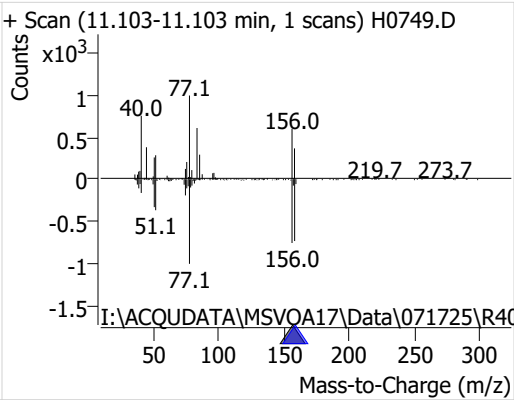




Bromobenzene

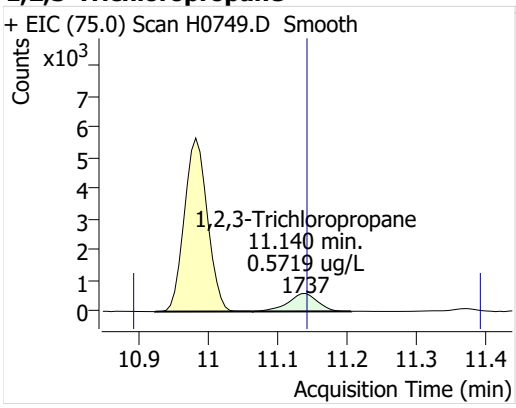


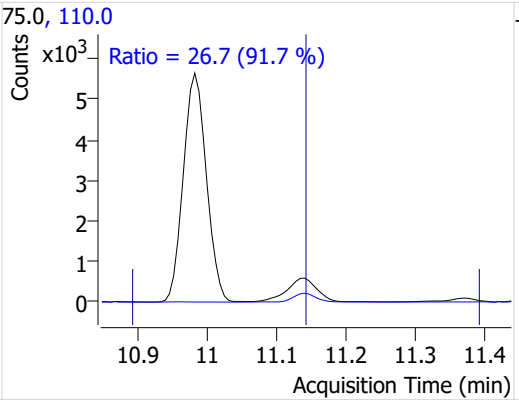


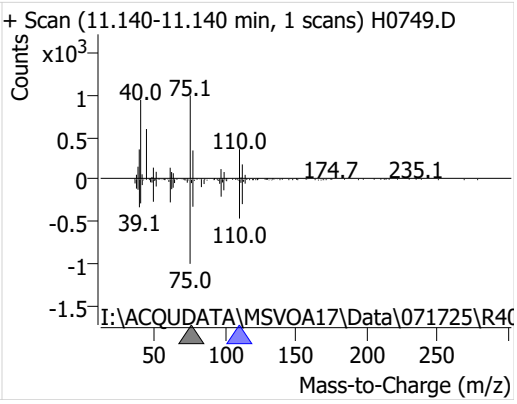


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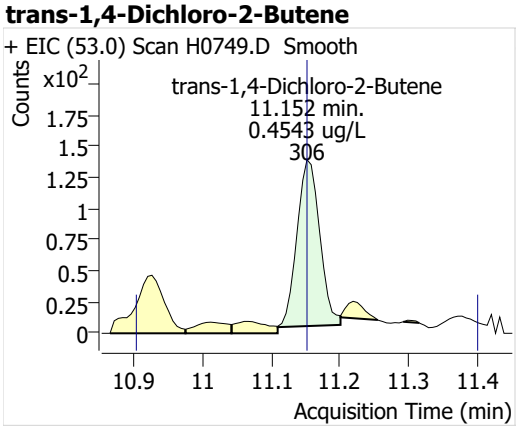
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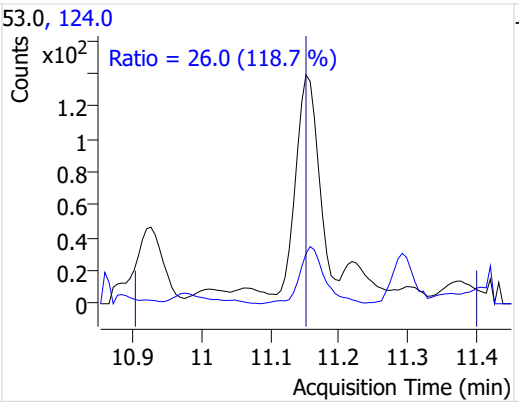


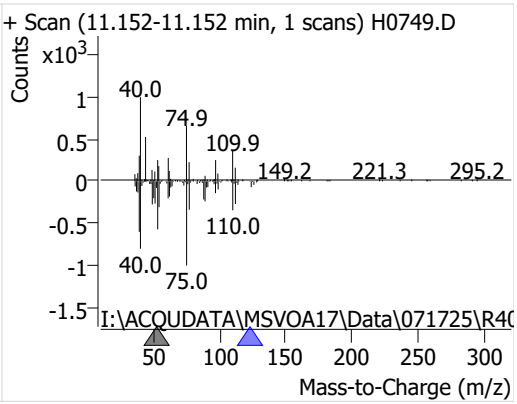




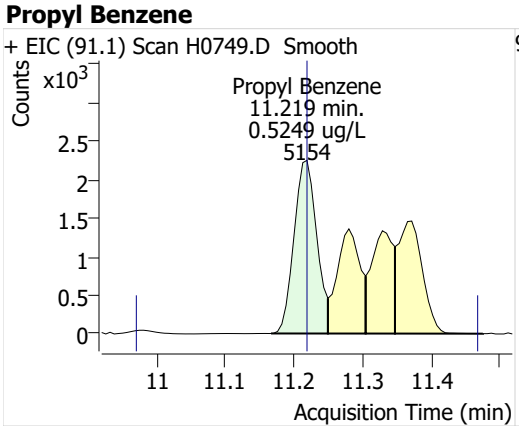
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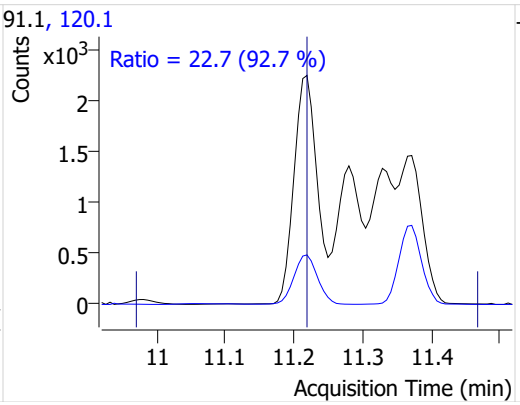


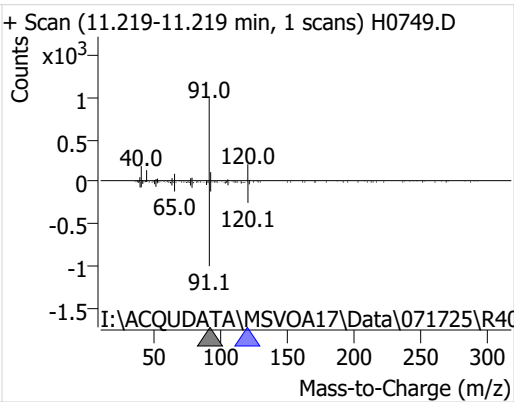




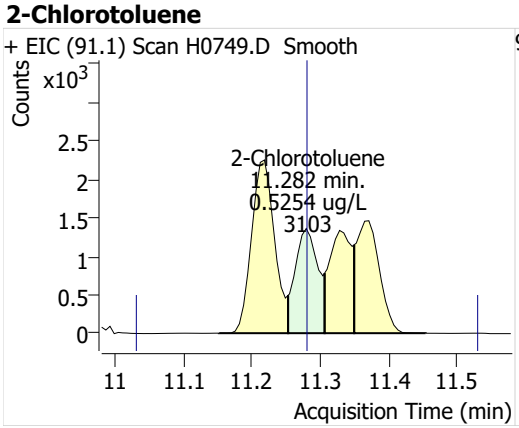
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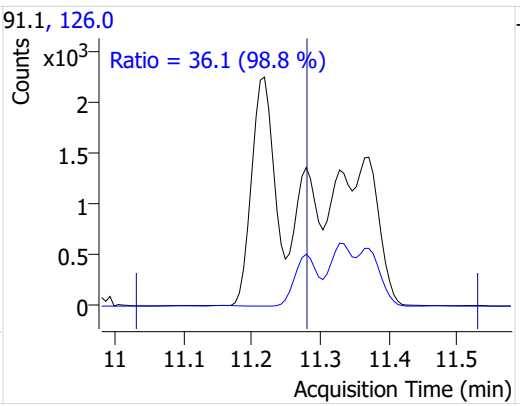


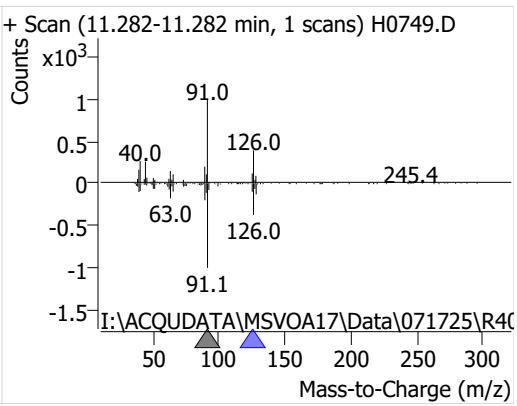




2-Chlorotoluene

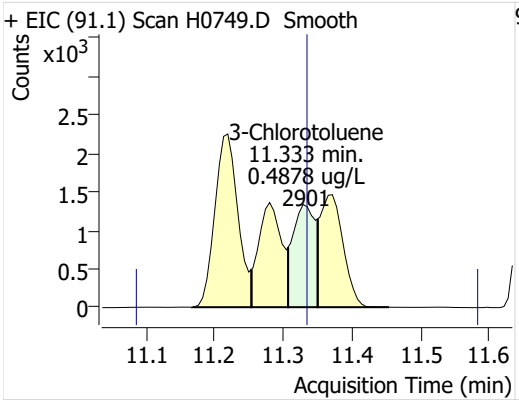


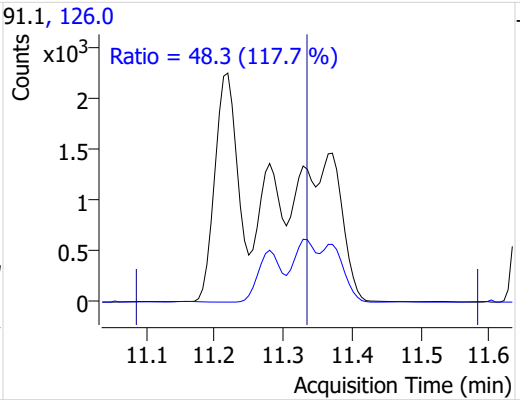


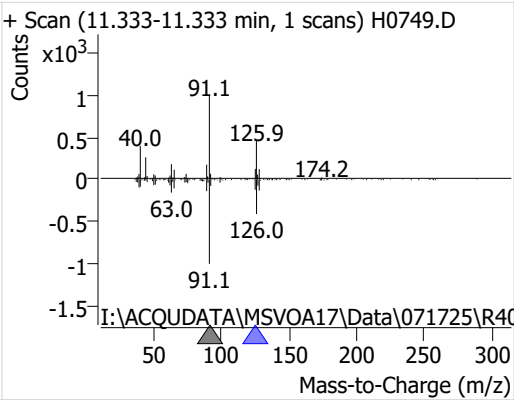


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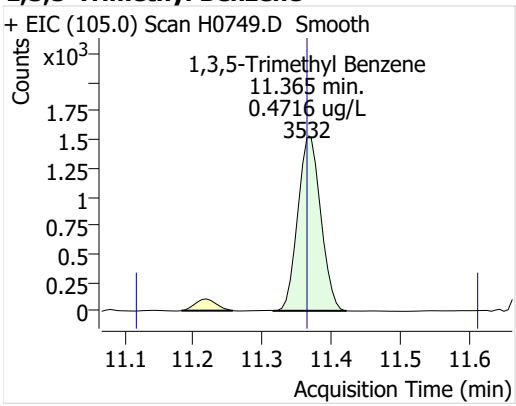
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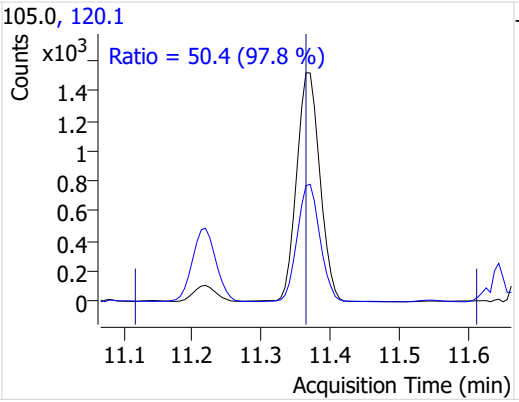


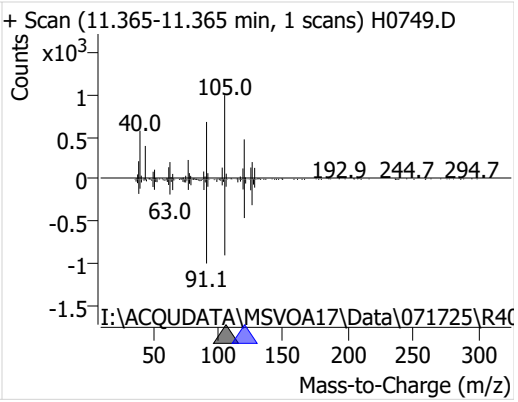




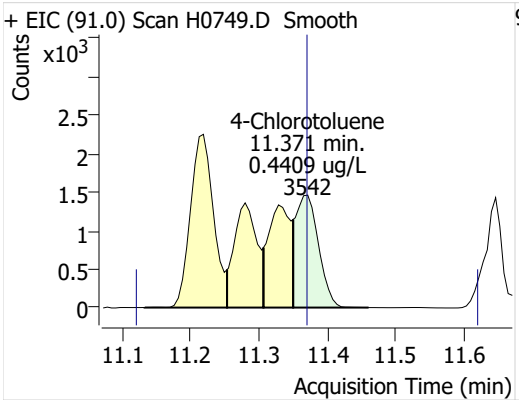
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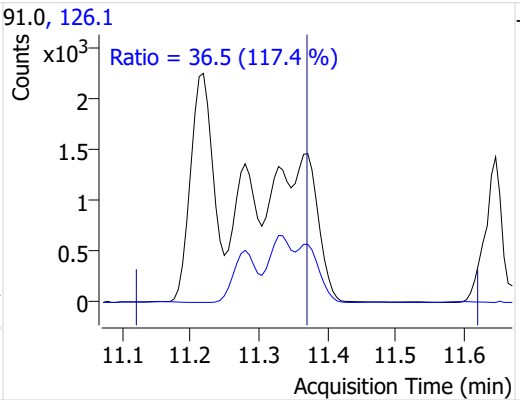


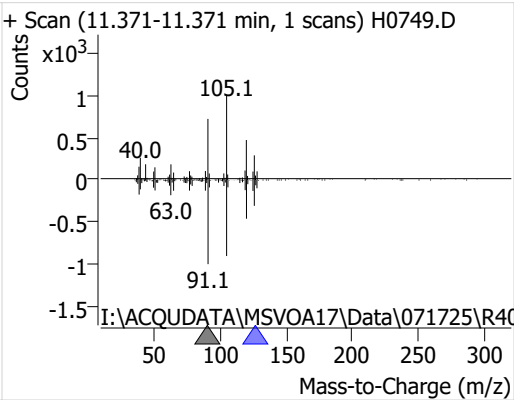




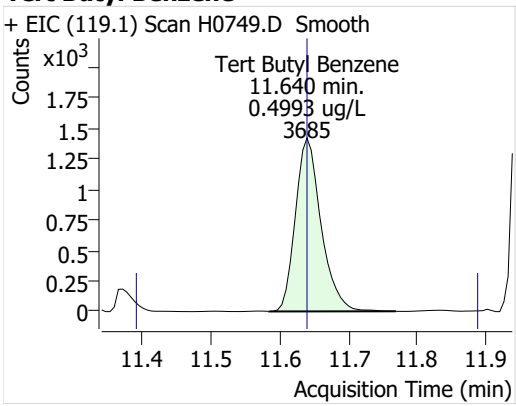
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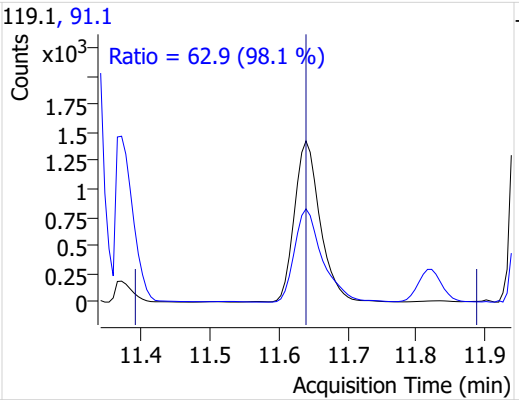


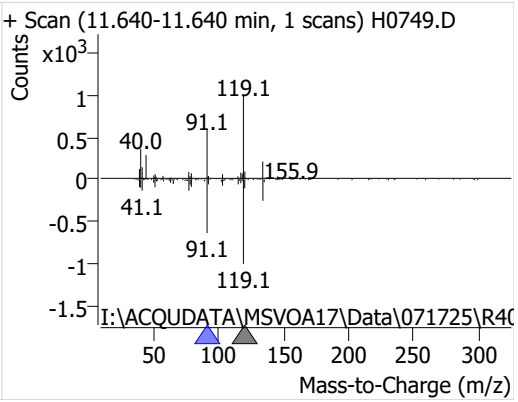




Tert Butyl Benzene

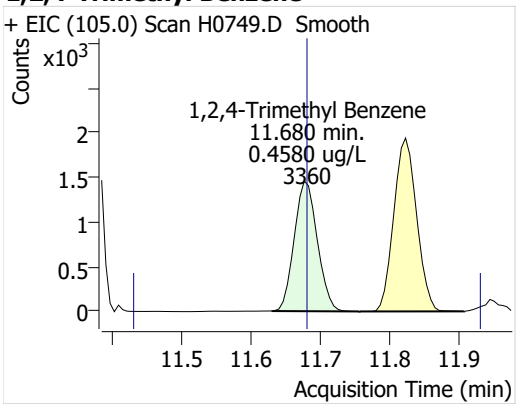


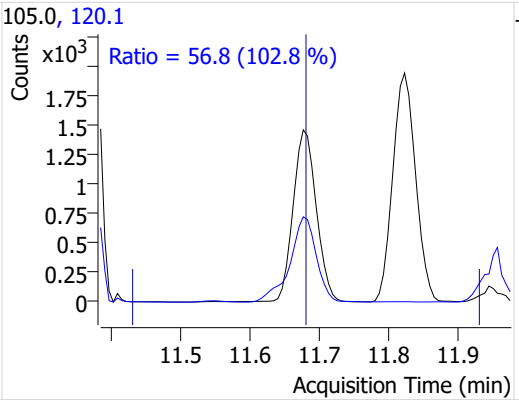


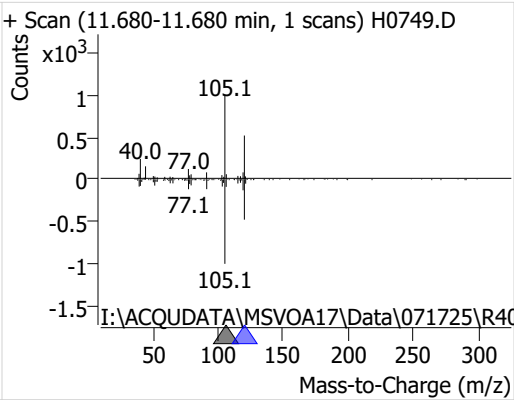


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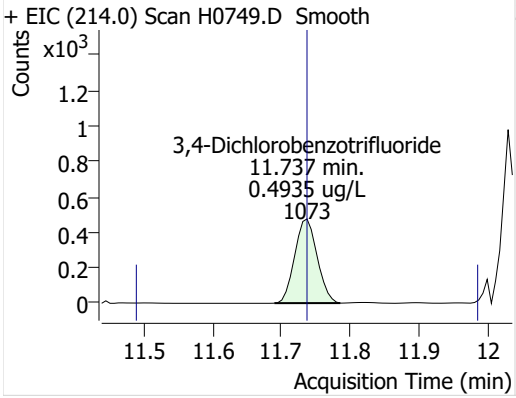
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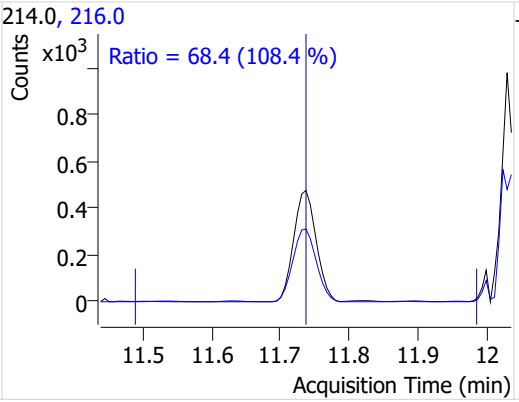


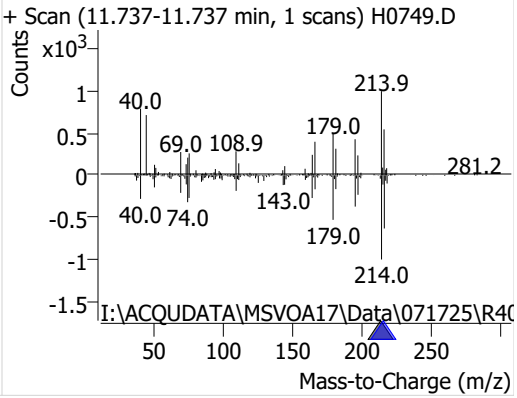




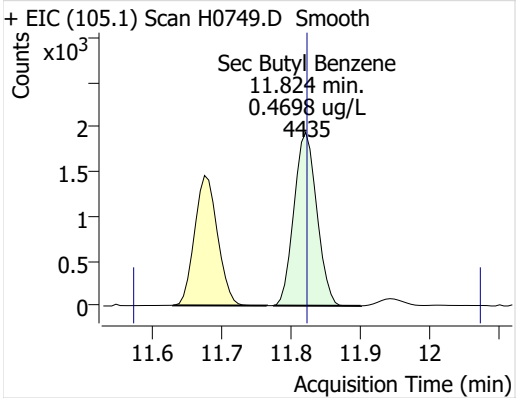
3,4-Dichlorobenzotrifluoride

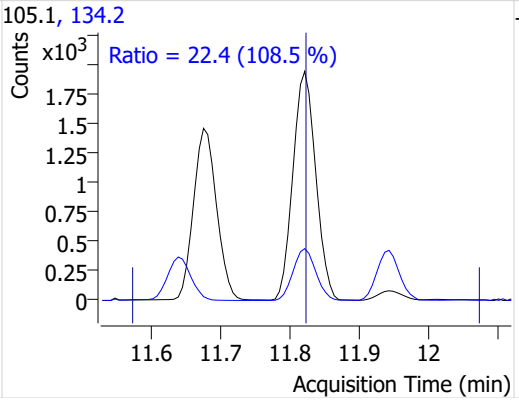


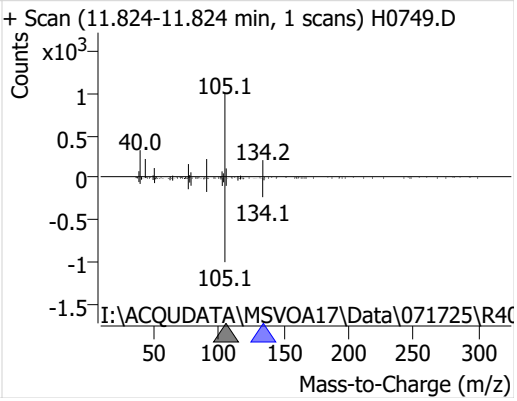




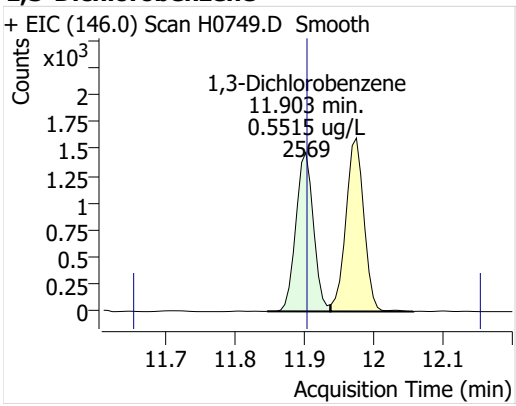
Sec Butyl Benzene

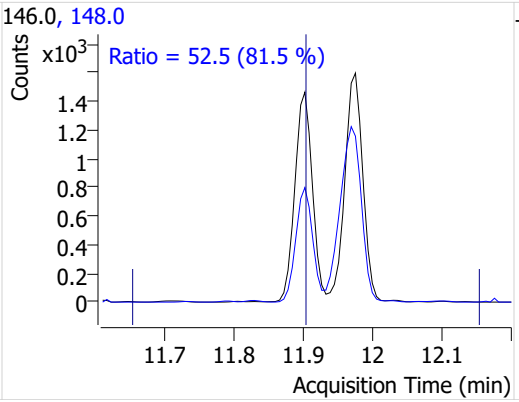


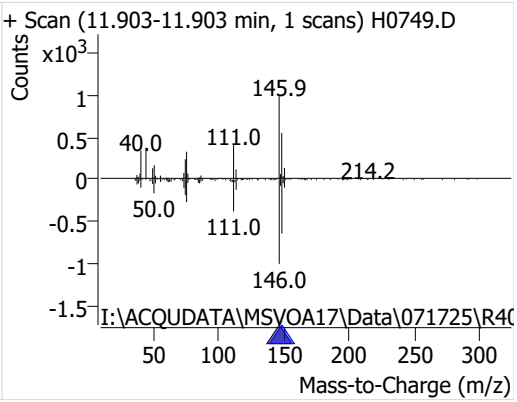




1,3-Dichlorobenzene

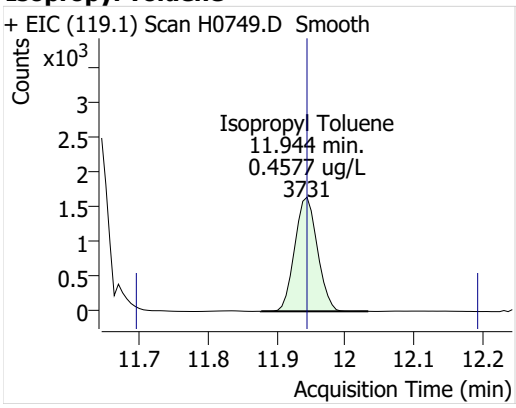


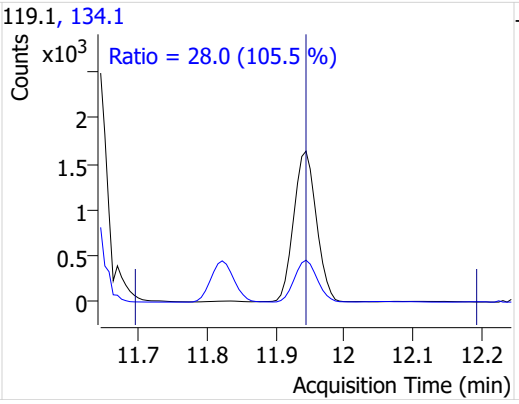


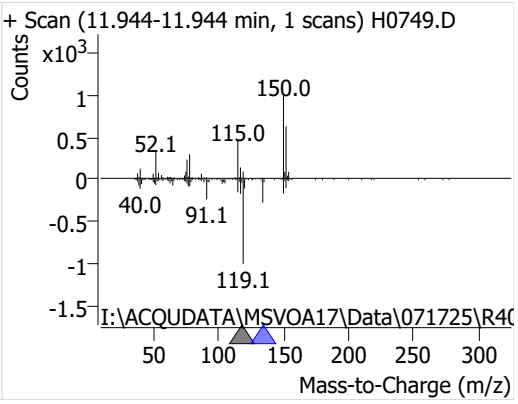


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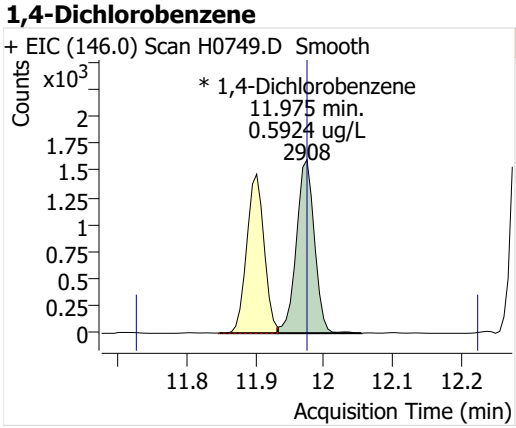
Isopropyl Toluene

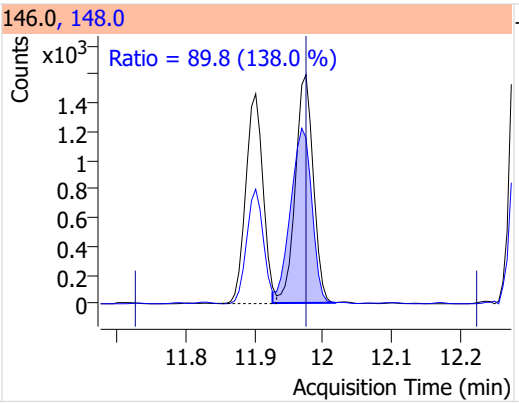


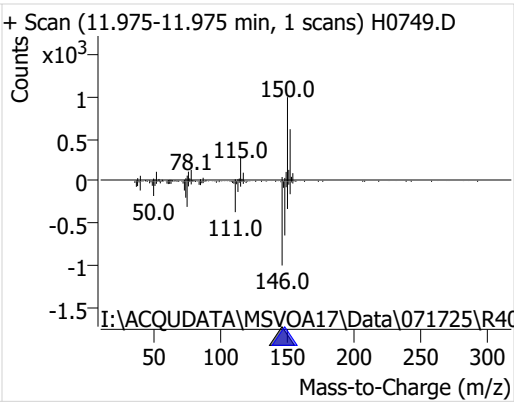




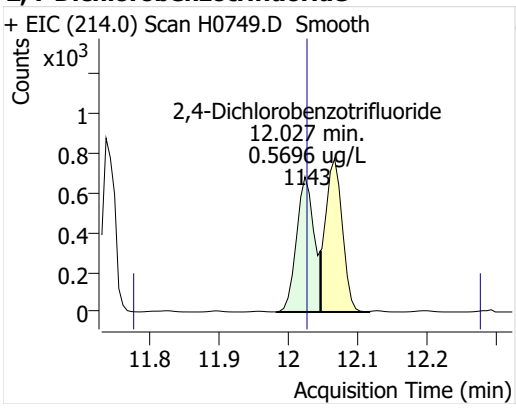
1,4-Dichlorobenzene

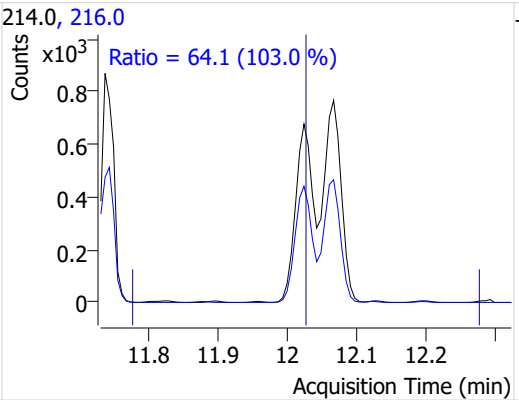


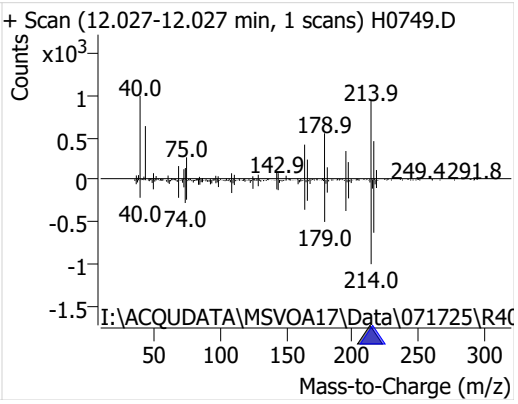




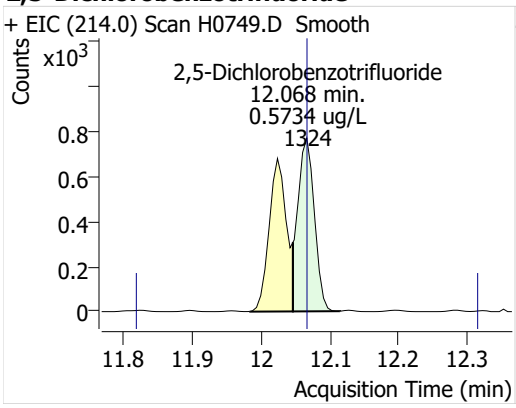
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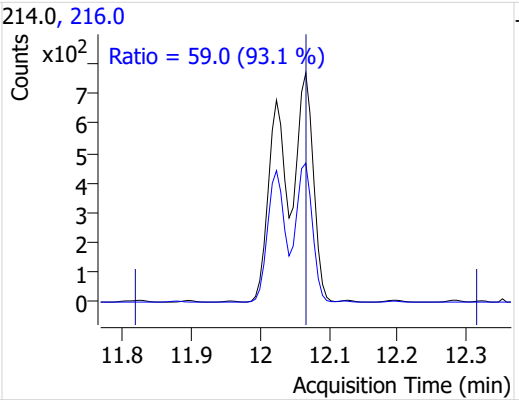


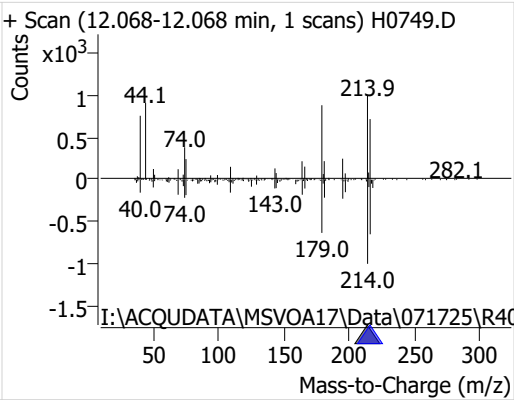




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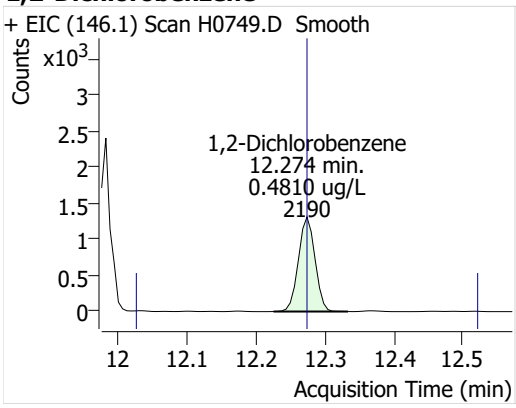


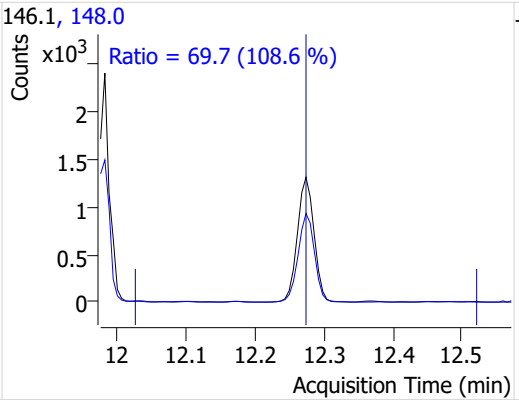


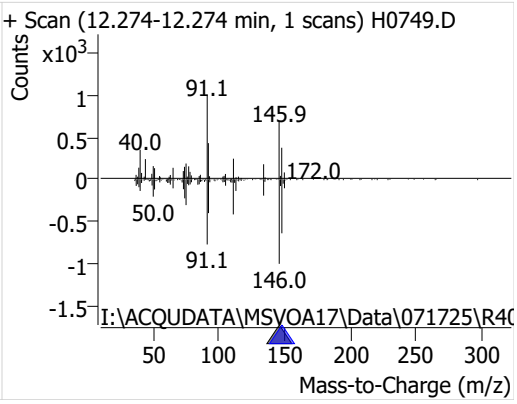


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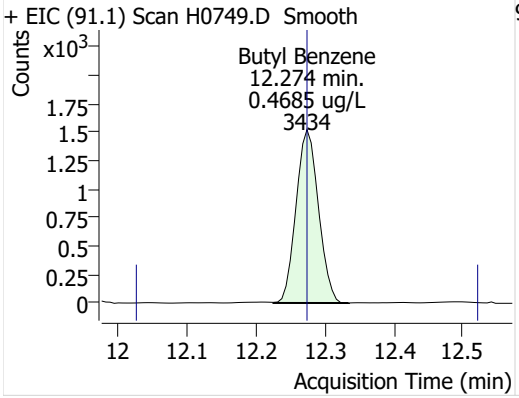
1,2-Dichlorobenzene

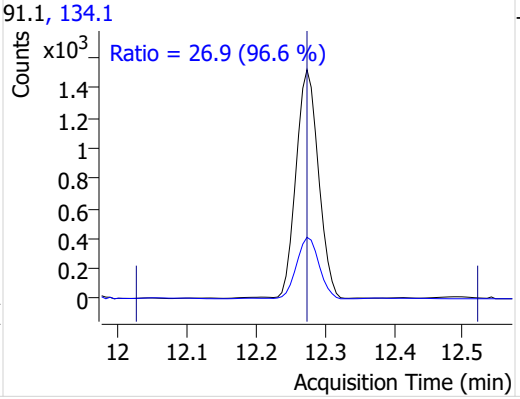


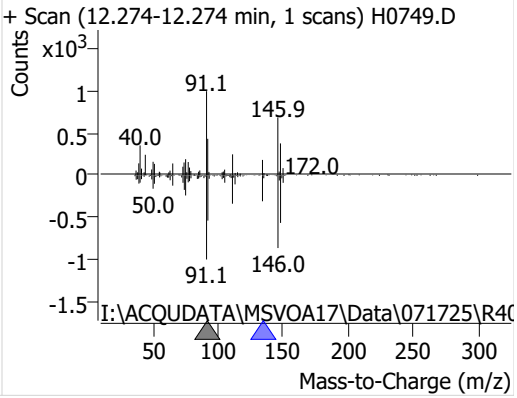




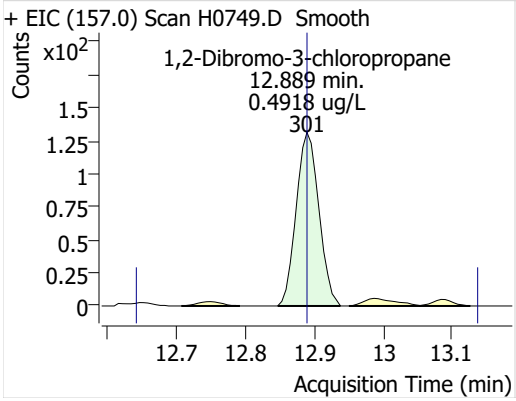
Butyl Benzene

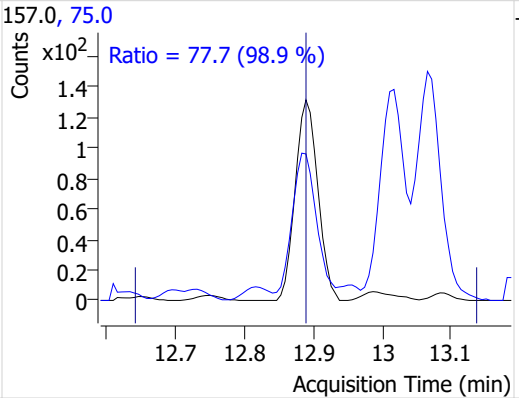


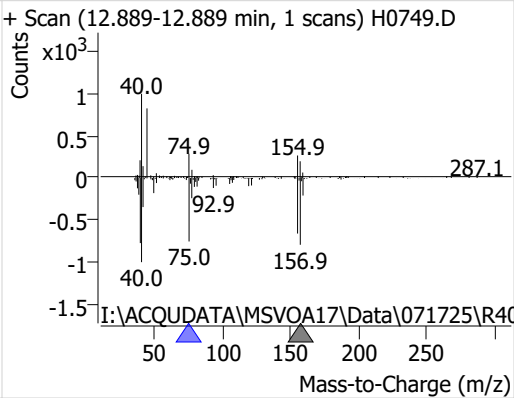




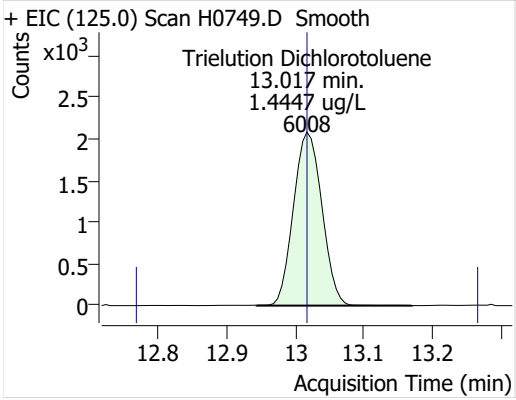
1,2-Dibromo-3-chloropropane

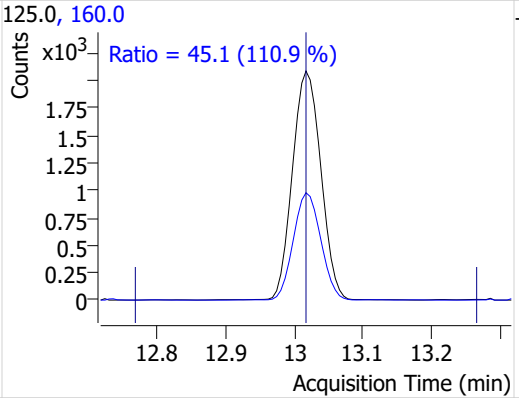


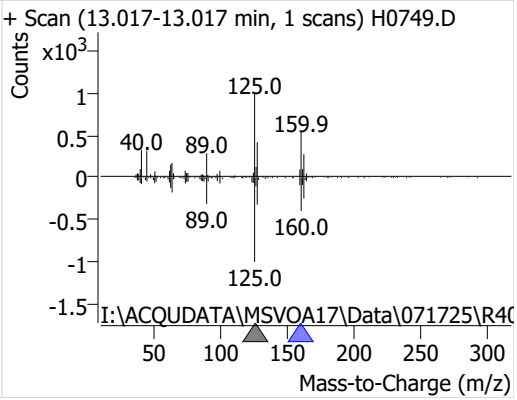




Trielution Dichlorotoluene

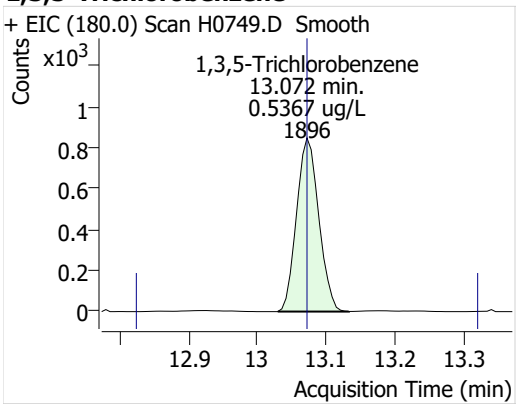


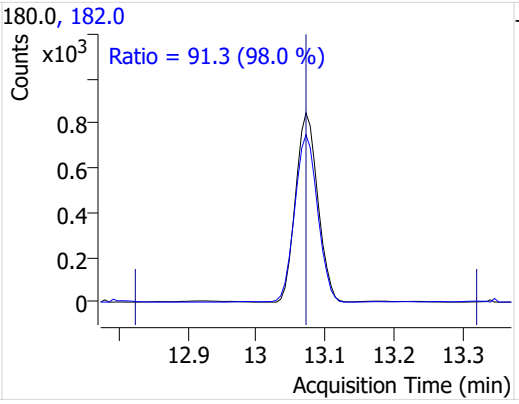


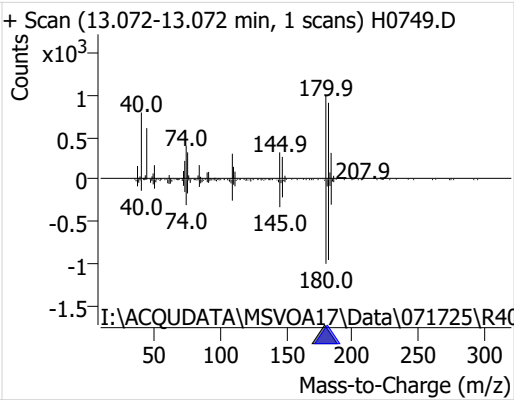


Masshunter Quantitative Analysis Sample Report

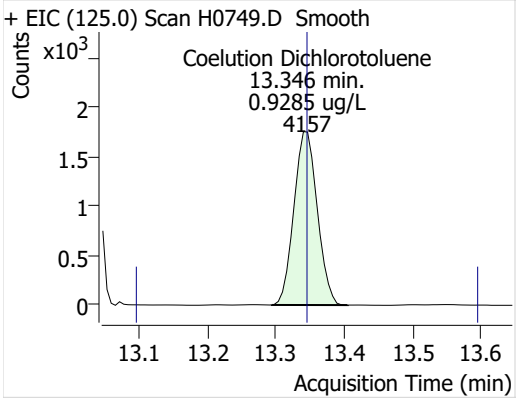
1,3,5-Trichlorobenzene

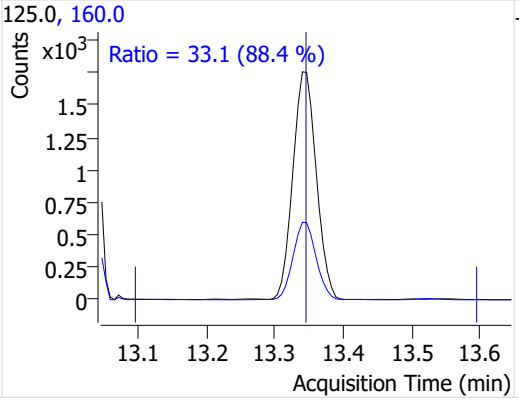


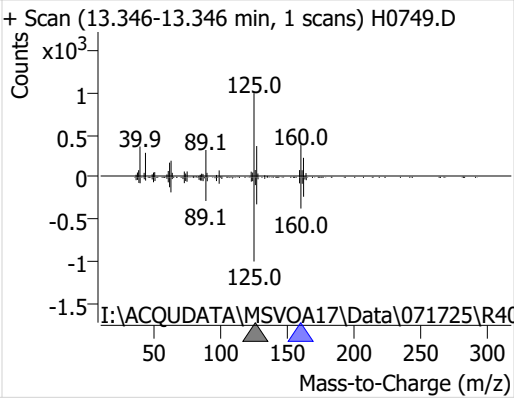




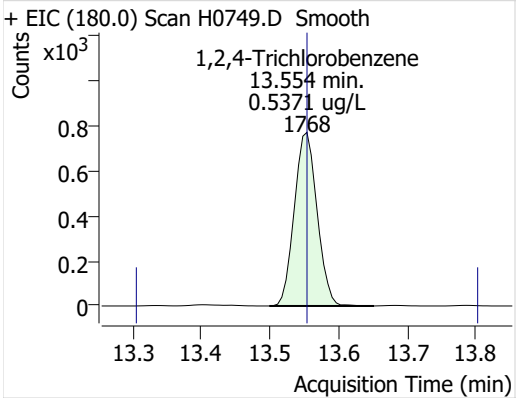
Coelution Dichlorotoluene

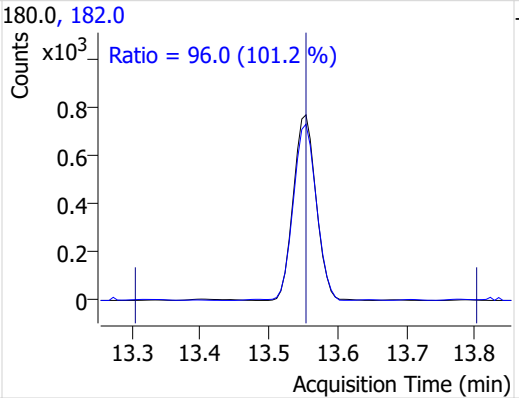


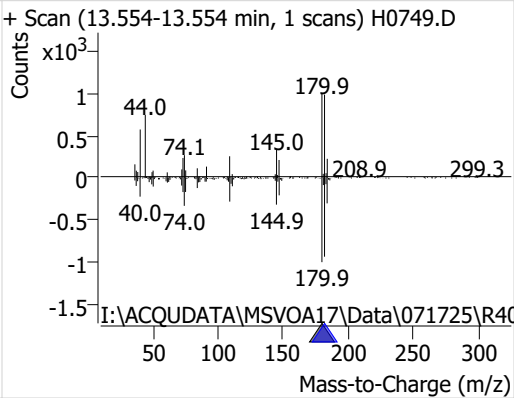




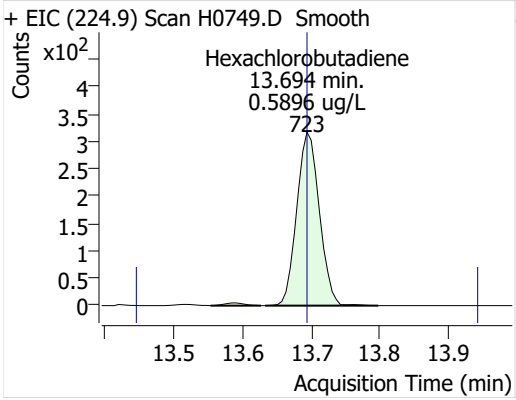
1,2,4-Trichlorobenzene

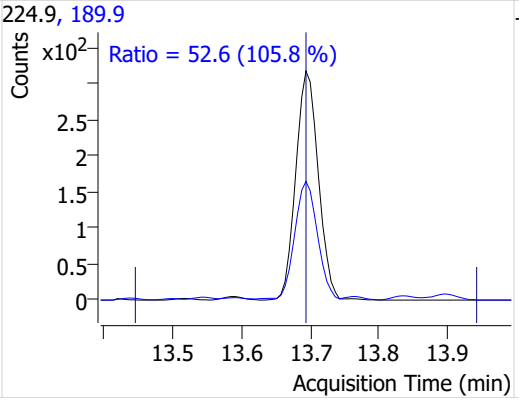


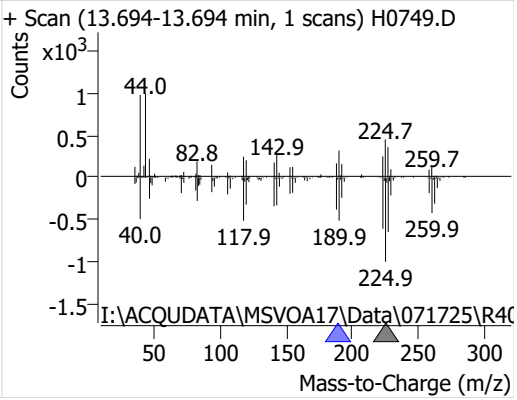




Hexachlorobutadiene

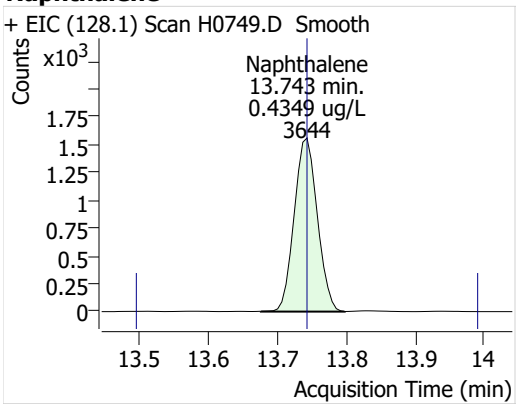


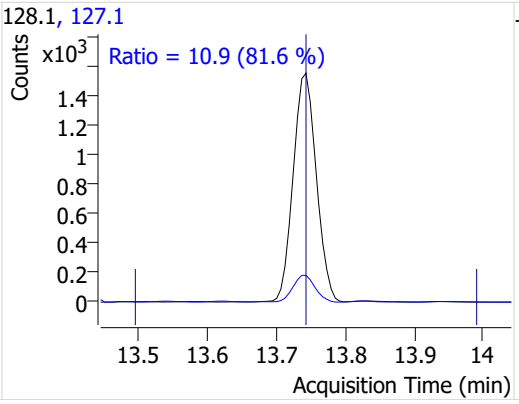


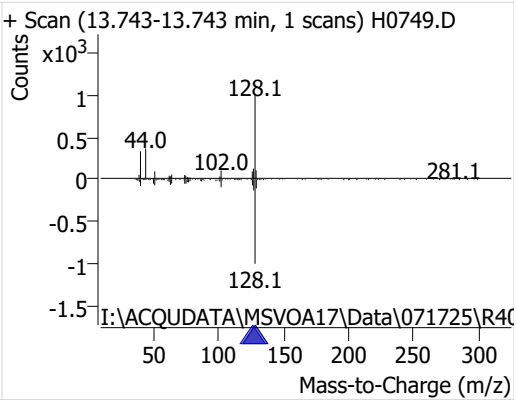


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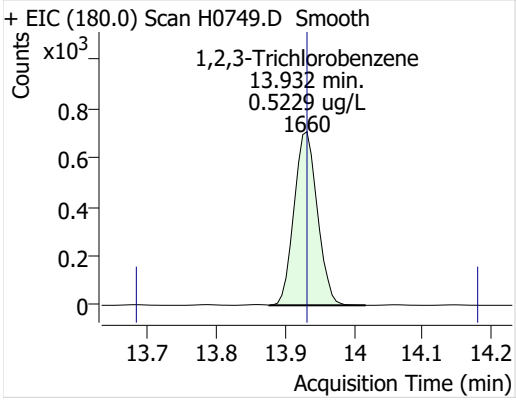
Naphthalene

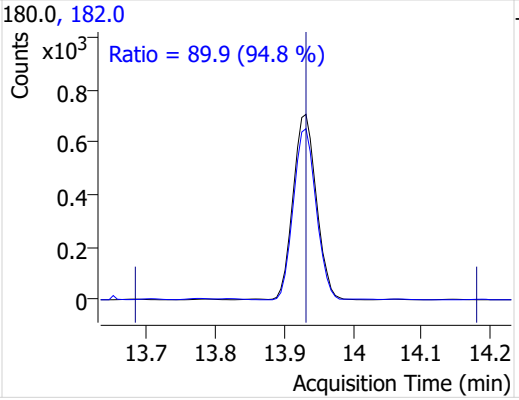


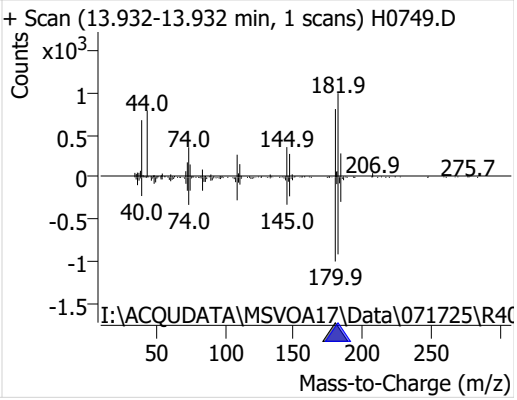




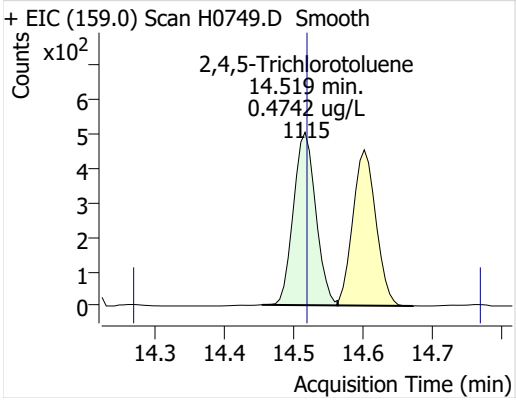
1,2,3-Trichlorobenzene

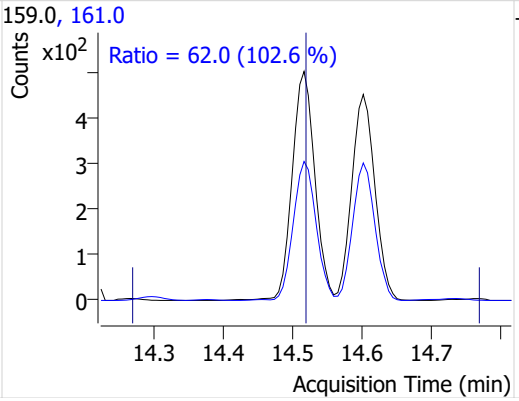


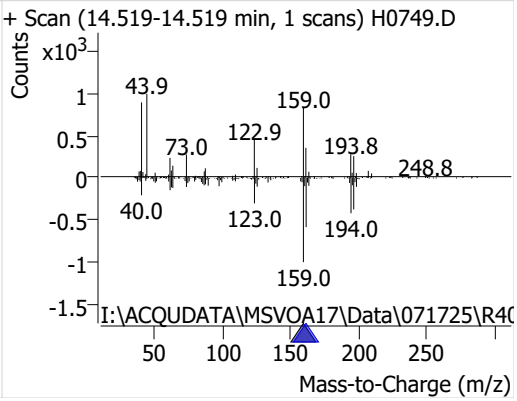




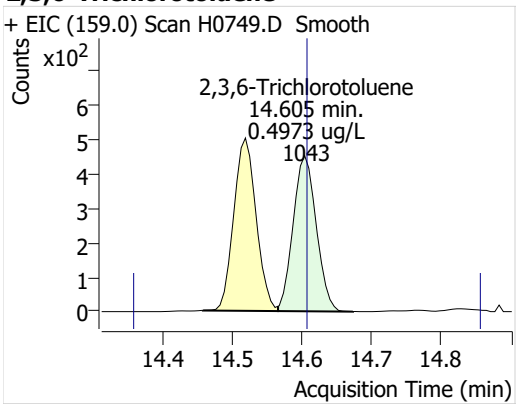
2,4,5-Trichlorotoluene

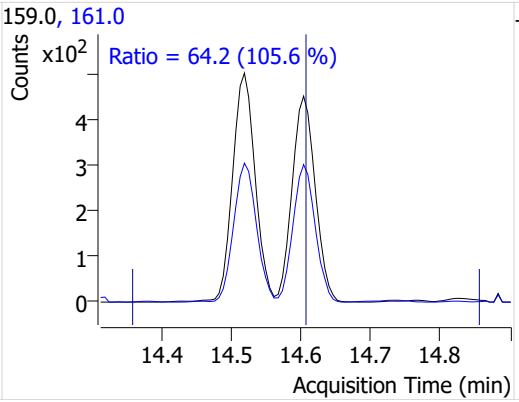


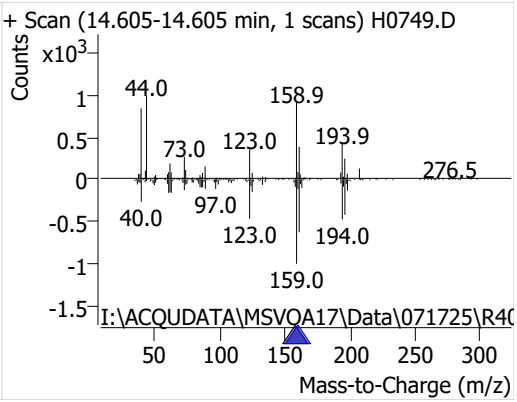




2,3,6-Trichlorotoluene





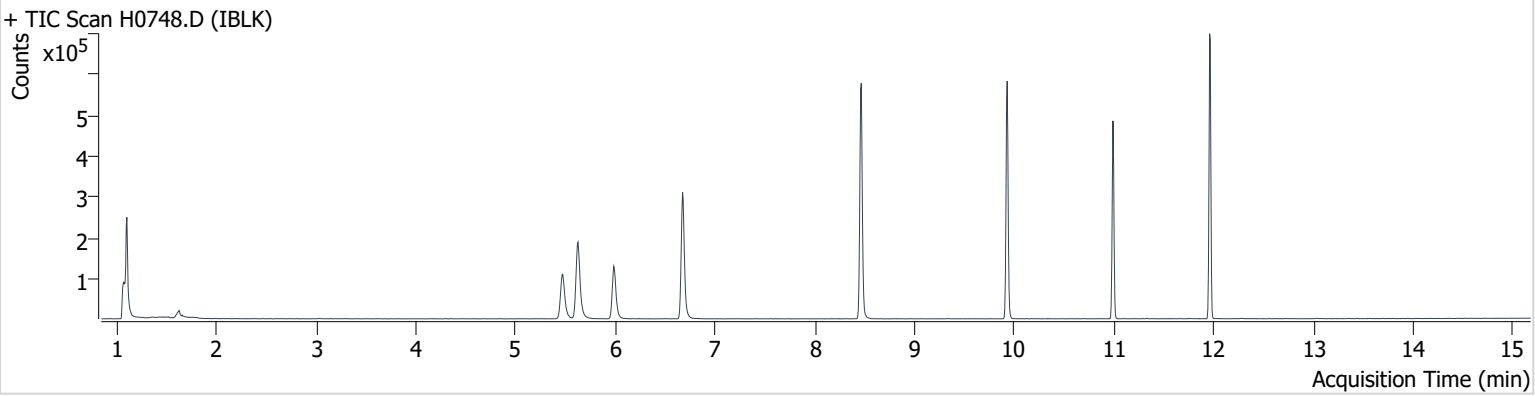


Masshunter Quantitative Analysis Sample Report

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H0748.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	194972	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.665	0.006	317138	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	282714	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	149334	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.464	0.001	105463	51.5826	ug/L
Toluene-d8	98.1	1.269	0.001	8.457	0.008	387347	49.0165	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	116981	48.6842	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.976	0.007	120103	50.8948	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

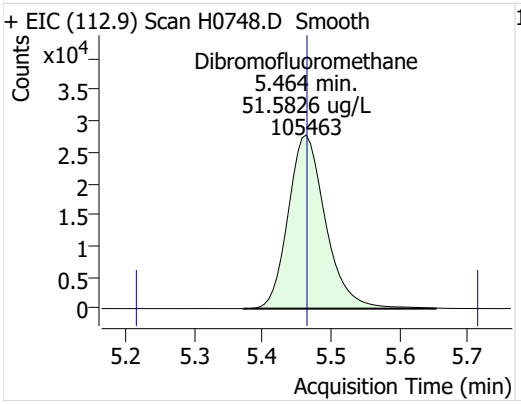
Masshunter Quantitative Analysis Sample Report

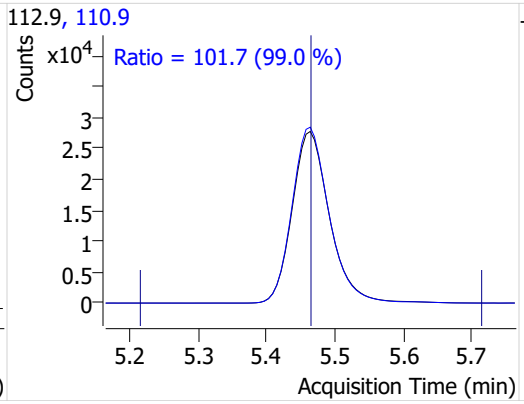
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

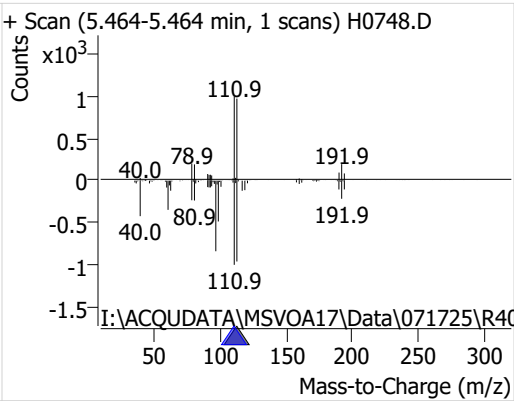
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

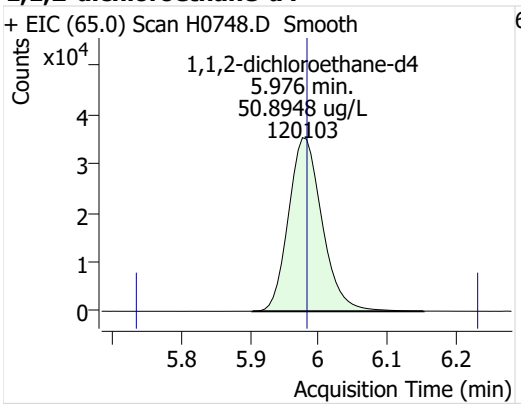
Dibromofluoromethane

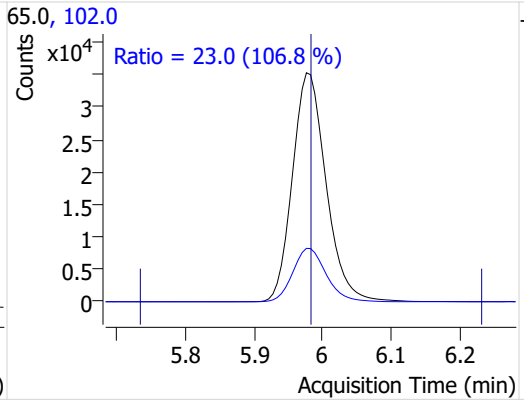


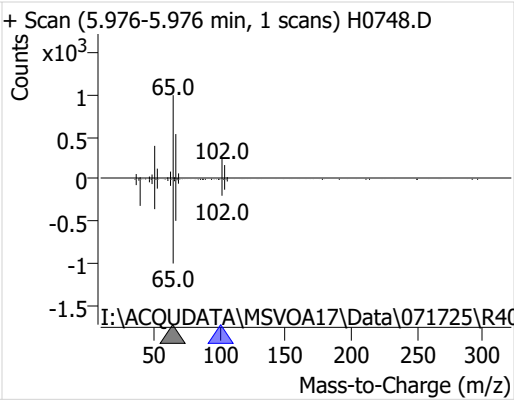




1,1,2-dichloroethane-d4

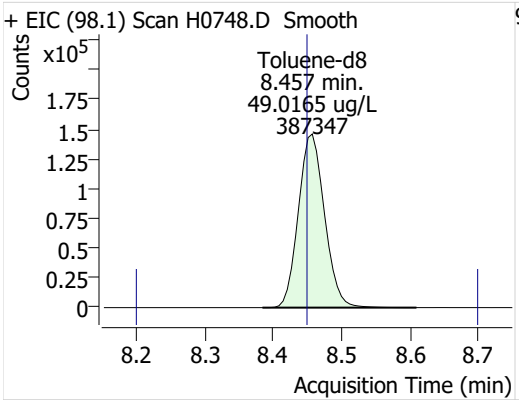


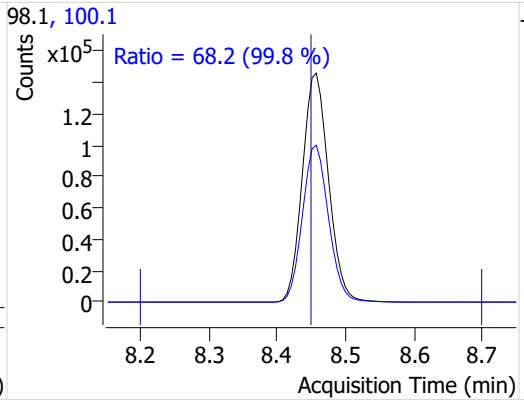


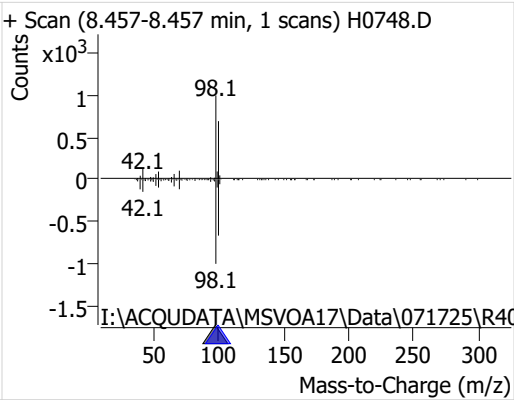


Masshunter Quantitative Analysis Sample Report

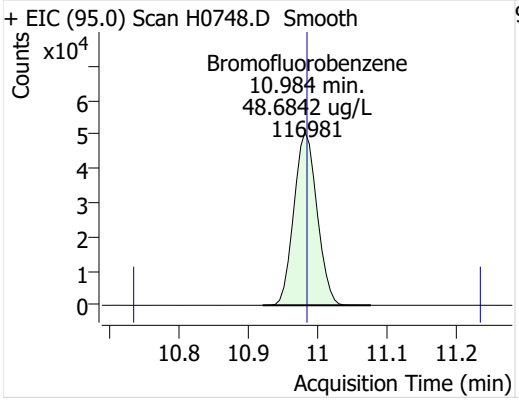
Toluene-d8

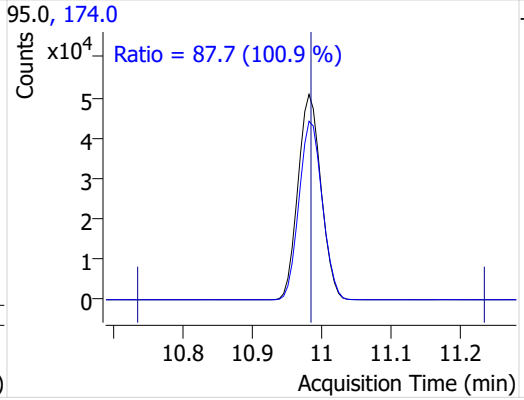


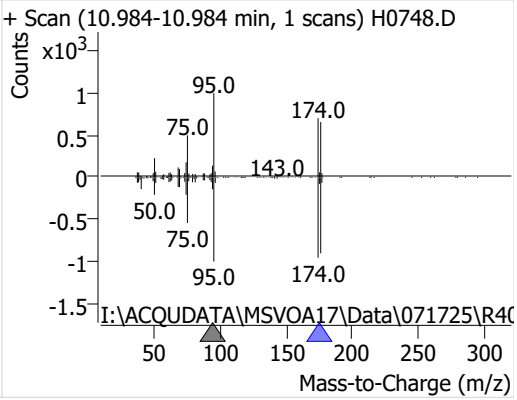




Bromofluorobenzene







Analysis: 8260 + 624 | Analyst: VMW | pH strips: N/A | Tune Method: RC250D185

Date: 9/16/25 | Balance ID: N/A | ResCl strips: ↓ | Run Method: 250825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 223906 + 233329 | LIMS Run#: ICAL

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	CI	pH	File#	OK?	Comments
1	BLK								H0744		
2	↓								H0745		
3									H0746		
4	TUNE								H0747	YT	(auto)
1	IBLK	(5ppm)	(500mL) 50(5mL) FV						H0748	YB	
2	0.5	5mL	— — 50mL						H0749	Y	
3	1.0	10mL	— —						H0750	Y	
4	2.0	20mL	— —						H0751	Y	
5	5.0	50mL	— 1mL						H0752	Y	
6	20	—	2mL 2mL						H0753	Y	
7	50	—	5mL 5mL						H0754	Y	
8	100	—	10mL 10mL						H0755	Y	
9	150	—	15mL ~~15mL 20mL~~						H0756	Y	
10	200	—	20mL ~~20mL~~ (KD) ✓						H0757	Y	
11	BLK								H0758	—	
12	↓								H0759	—	
13	ICV. 50								H0760	YQ	
14	BLK								H0761	—	

PDD
YR 9/9/25

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

500 Primary OCC : 243703
Primary Fr : 243684
Primary Tb : 243682 5mL ~~250mL~~ = 5ppm
Primary HSL : 243385
Primary 236 : 243474
TVT

10mL → 1.0mL MeOH
=CCV (KD)

200 Secondary Fr : 243705 ~~12.5mL~~ 12.5mL (KD)
500 Secondary OCC : 242619
Secondary Tb : 243683 5mL
Secondary HSL : 243495
Secondary 236 : 243475
TVT

50mL = ICV

Combined IS/Surr :
Surrogate 50 : 243529
Internal Std 50 : 243528
Reagents:

Sequence Table

Batch Data Path File Name	I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin		
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Analyst Name**	K.Ruest
Report Generation Time	9/9/2025 11:34:29 AM	**Report Generator Name**	K.Ruest
Calibration Last Updated Time Stamp	9/9/2025 11:26:09 AM	**Batch State**	Processed
Analyze Quant Version	12.1Update 3	**Report Quant Version**	12.1

Instrument Name	Acq. Date-Time	Type	Dil.	Vial	Name	Data File	Level	Info.	Sample Group	Acq. Method File	Comment
GCMS	9/8/2025 1:07 PM	TuneCheck	1	4	TUNE	H0747.D			VOC	8260W	
GCMS	9/8/2025 2:31 PM	Sample	1	1	IBLK	H0748.D			VOC	8260W	
GCMS	9/8/2025 2:53 PM	Calibration	1	2	0.5ppb	H0749.D	0.5	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 3:16 PM	Calibration	1	3	1.0ppb	H0750.D	1	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 3:39 PM	Calibration	1	4	2.0ppb	H0751.D	2	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:02 PM	Calibration	1	5	5.0ppb	H0752.D	5	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:24 PM	Calibration	1	6	20ppb	H0753.D	20	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:47 PM	Calibration	1	7	50ppb	H0754.D	50	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:10 PM	Calibration	1	8	100ppb	H0755.D	100	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:33 PM	Calibration	1	9	150ppb	H0756.D	150	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:56 PM	Calibration	1	10	200ppb	H0757.D	200	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 6:18 PM	Sample	1	11	BLK	H0758.D			VOC	8260W	
GCMS	9/8/2025 6:41 PM	Sample	1	12	BLK	H0759.D			VOC	8260W	
GCMS	9/8/2025 7:04 PM	CC	1	13	ICV-50	H0760.D	50	8260/624 ICAL	VOC	8260W	

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500185-01	0.5ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0749.D	09/08/2025 14:53
02	RC2500185-02	1.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D	09/08/2025 15:16
03	RC2500185-03	2.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D	09/08/2025 15:39
04	RC2500185-04	5.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D	09/08/2025 16:02
05	RC2500185-05	20ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D	09/08/2025 16:24
06	RC2500185-06	50ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D	09/08/2025 16:47
07	RC2500185-07	100ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D	09/08/2025 17:10
08	RC2500185-08	150ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D	09/08/2025 17:33
09	RC2500185-09	200ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0757.D	09/08/2025 17:56

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7071	02	1	0.8651	03	2	0.8238	04	5	0.7847
05	20	0.5482	06	50	0.7084	07	100	0.8352	08	150	0.8562
09	200	0.8402									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.9885	02	1	0.9845	03	2	0.9524	04	5	0.936
05	20	0.7054	06	50	0.8395	07	100	0.942	08	150	0.9634
09	200	0.9464									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.8611	02	1	0.8453	03	2	0.8806	04	5	0.8141
05	20	0.5843	06	50	0.7336	07	100	0.8494	08	150	0.8722
09	200	0.8422									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.7762	05	20	0.8097	06	50	0.8012	07	100	0.8004
08	200	0.8351									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.3019	05	20	0.3444	06	50	0.3408	07	100	0.3179
08	200	0.3067									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3807	02	1	0.4064	03	2	0.3927	04	5	0.3992
05	20	0.2547	06	50	0.3383	07	100	0.4118	08	150	0.4082
09	200	0.4056									

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	1.234	05	20	1.335	06	50	1.294	07	100	1.201
08	200	1.165									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3993	02	1	0.4304	03	2	0.3764	04	5	0.3698
05	20	0.267	06	50	0.3378	07	100	0.3839	08	150	0.3788
09	200	0.3668									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.795	02	1	0.6918	03	2	0.6688	04	5	0.6695
05	20	0.5047	06	50	0.5916	07	100	0.6614	08	150	0.6575
09	200	0.6369									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.5849	02	1	0.5872	03	2	0.5949	04	5	0.5541
05	20	0.4745	06	50	0.5463	07	100	0.598	08	150	0.6124
09	200	0.5985									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7719	02	1	0.7285	03	2	0.7412	04	5	0.7033
05	20	0.5371	06	50	0.6561	07	100	0.752	08	150	0.7865
09	200	0.769									

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	13.4	≤20	0.7743	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	9.9	≤20	0.9176	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	11.7	≤20	0.8092	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	2.6	≤20	0.8045	
Dibromofluoromethane	SURR	Average RF	% RSD	6.0	≤20	0.3223	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	13.6	≤20	0.3775	0.200
Toluene-d8	SURR	Average RF	% RSD	5.5	≤20	1.246	
Trichloroethene (TCE)	TRG	Average RF	% RSD	12.3	≤20	0.3678	0.200
Vinyl Chloride	TRG	Average RF	% RSD	11.9	≤20	0.653	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.5723	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	10.9	≤20	0.7162	0.100

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500185-10	ICV-50	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D	09/08/2025 19:04

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	56.1	7.743E-1	8.69E-1	12.22	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.3	9.176E-1	9.772E-1	6.50	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	54.5	8.092E-1	8.814E-1	8.92	±30	Average RF
Tetrachloroethene (PCE)	50.0	56.9	3.775E-1	4.3E-1	13.90	±30	Average RF
Trichloroethene (TCE)	50.0	53.9	3.678E-1	3.965E-1	7.80	±30	Average RF
Vinyl Chloride	50.0	54.5	6.53E-1	7.113E-1	8.93	±30	Average RF
cis-1,2-Dichloroethene	50.0	57.5	5.723E-1	6.576E-1	14.91	±30	Average RF
trans-1,2-Dichloroethene	50.0	49.9	7.162E-1	7.151E-1	-0.157	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	48.7	8.045E-1	7.834E-1	-2.623	±30	Average RF
Dibromofluoromethane	50.0	49.3	3.223E-1	3.178E-1	-1.395	±30	Average RF
Toluene-d8	50.0	48.3	1.246E0	1.205E0	-3.321	±30	Average RF

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003

Service Request: R2511647
Date Analyzed: 09/20/25 10:06

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D
Signal ID: 1

Calibration Date: 9/8/2025
Calibration ID: RC2500185
Analysis Lot: 893977
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.3	0.7743	0.7627	-1.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.8	0.9176	0.9319	1.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	51.6	0.8092	0.8357	3.3	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	44.9	0.3775	0.3388	-10.3	NA	±20	Average RF
Trichloroethene (TCE)	50.0	45.4	0.3678	0.3338	-9.2	NA	±20	Average RF
Vinyl Chloride	50.0	50.6	0.653	0.6608	1.2	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	48.5	0.5723	0.5556	-2.9	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	52.5	0.7162	0.7517	5.0	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.5	0.8045	0.8125	1.0	NA	±20	Average RF
Dibromofluoromethane	50.0	48.1	0.3223	0.31	-3.8	NA	±20	Average RF
Toluene-d8	50.0	50.1	1.2459	1.2476	0.1	NA	±20	Average RF

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003

Service Request: R2511647
Date Analyzed: 09/24/25 11:29

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA16\Data\092425\H1349.D
Signal ID: 1

Calibration Date: 9/8/2025
Calibration ID: RC2500185
Analysis Lot: 894458
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.5	0.7743	0.7668	-1.0	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	51.7	0.9176	0.949	3.4	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	52.3	0.8092	0.8459	4.5	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	47.4	0.3775	0.3575	-5.3	NA	±20	Average RF
Trichloroethene (TCE)	50.0	45.4	0.3678	0.334	-9.2	NA	±20	Average RF
Vinyl Chloride	50.0	52.6	0.653	0.687	5.2	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	48.5	0.5723	0.5552	-3.0	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	53.5	0.7162	0.7667	7.1	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	52.1	0.8045	0.8377	4.1	NA	±20	Average RF
Dibromofluoromethane	50.0	48.5	0.3223	0.3125	-3.0	NA	±20	Average RF
Toluene-d8	50.0	48.3	1.2459	1.2042	-3.3	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	Continuing Calibration Verification	RQ2512977-01	9/20/2025	10:06	
I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	10:53	
I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	Lab Control Sample	RQ2512977-03	9/20/2025	11:16	
I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	12:14	
I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	Method Blank	RQ2512977-05	9/20/2025	12:37	
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Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025 \H1225.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:36	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**894458
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092425\H1349.D	Continuing Calibration Verification	RQ2513226-01	9/24/2025	11:29	
I:\ACQUDATA\MSVOA16\Data\092425\H1350.D	Lab Control Sample	RQ2513226-02	9/24/2025	12:06	
I:\ACQUDATA\MSVOA16\Data\092425\H1353.D	Method Blank	RQ2513226-03	9/24/2025	13:27	
I:\ACQUDATA\MSVOA16\Data\092425\H1354.D	FB-091525	R2511647-010	9/24/2025	13:49	
I:\ACQUDATA\MSVOA16\Data\092425\H1355.D	TB-091525	R2511647-011	9/24/2025	14:12	
I:\ACQUDATA\MSVOA16\Data\092425\H1356.D	DMW-3-091525	R2511647-006	9/24/2025	14:35	
I:\ACQUDATA\MSVOA16\Data\092425\H1357.D	DMW-4-091525	R2511647-008	9/24/2025	14:58	
I:\ACQUDATA\MSVOA16\Data\092425\H1358.D	TMP-A-091525	R2511647-009	9/24/2025	15:21	
I:\ACQUDATA\MSVOA16\Data\092425\H1359.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	15:43	
I:\ACQUDATA\MSVOA16\Data\092425\H1360.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	16:06	
I:\ACQUDATA\MSVOA16\Data\092425\H1361.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	16:29	
I:\ACQUDATA\MSVOA16\Data\092425\H1362.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	16:52	
I:\ACQUDATA\MSVOA16\Data\092425\H1363.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	17:14	
I:\ACQUDATA\MSVOA16\Data\092425\H1364.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	17:37	
I:\ACQUDATA\MSVOA16\Data\092425\H1365.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	18:00	
I:\ACQUDATA\MSVOA16\Data\092425\H1366.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	18:23	
I:\ACQUDATA\MSVOA16\Data\092425\H1367.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	18:45	
I:\ACQUDATA\MSVOA16\Data\092425\H1368.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	19:08	
I:\ACQUDATA\MSVOA16\Data\092425\H1369.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	19:31	
I:\ACQUDATA\MSVOA16\Data\092425\H1370.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	19:54	
I:\ACQUDATA\MSVOA16\Data\092425\H1371.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	20:17	
I:\ACQUDATA\MSVOA16\Data\092425\H1372.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	20:39	
I:\ACQUDATA\MSVOA16\Data\092425\H1373.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:02	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**894458
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092425\H1374.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:25	
I:\ACQUDATA\MSVOA16\Data\092425\H1375.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:48	

Analysis: 8260D_WCA | Analyst: LMP | pH strips: 233024 | Tune Method: RC250015S

Date: 9/20/25 | Balance ID: NA | ResCl strips: NA | Run Method: D090825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 233677 | LIMS Run#: 893977

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK								H1198		
2	CCV		RQ25112977.01						H1199	YC	
1	LCS.ump		02						H1200	YC	
2	LCS.FP		03						H1201	YC	
1	BLK		—						H1202	N	wpt 10
2	MRLK.ump		04						H1203	YB	
3	MBLK.FP		05						H1204	YB	
4	R2511212.003			233704	1	N	NA	4	H1205	Y	
5	↓ 004				1			12	H1206	Y	
6	R2511365.003				1			12	H1207	Y	
7	↓ 004				1			12	H1208	Y	
8	R2511791.006							4	H1209	Y	
9	001			26576	1+2			8	H1210	Y	↑sediment
10	003				1			4	11	Y	
11	004			26576	1			8	12	Y	
12	005				1			12	13	Y	
13	007			24576	1			8	14	Y	
14	002	5.0	10/50mls	↓	1	↓	↓	—	15	N	wpt 1 ↑sediment
15	BLK	—							16	—	
16	R2511647.001				1	N	NA	12	17	Y	
17	002				1			12	18	Y	
18	003	10	5/50mls *purple:mL!*	26516	1			NA	19	Y	(ox-matrix)
19	004				1			12	H1220	Y	
20	005				1			12	01	Y	
21	007			26516	1			7	22	Y	
22	R2511394.001			23434				12	23	Y	
23	↓ 002			↓				12	24	Y	
24	R2511395.001	2.5	20/50mls					12	25	Y	
25	R2511791.005	5.0	MS.002 (10/20mls)		1			—	26	YB	N RunQC - parent not reported
26	↓ 005	5.0	MSD.002 (10/20mls)		1	↓	↓	—	27	YB	10 ↓
27	BLK	—							28	—	
28	↓	—							H1229	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr:

Surrogate 5D: 243579

Internal Std 5D: 243528

Reagents:

500 Primary QCC: 243703

Primary Tb: 243850

Primary HSL: 243880 — 5mL → 50mls = CCV

Primary FP: 243684

Primary 236: 243674

JT

200 Secondary FP: 243705 · 5mL

500 Secondary QCC: 243619

Secondary Tb: 243891 2mL

Secondary HSL: 243977 — 50mls = LCS

Secondary 236: 243675

JT

-10.6mL

43mL vial = MS/D

O-1181 Page 49 of 200
Runlog-MSVOAr5 1/11/22

Analysis: 8260 wat | Analyst: KWest | pH strips: 233024 | Tune Method: RC250018S

Date: 9/24/25 | Balance ID: N/A | ResCl strips: | Run Method: 090625

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 238377 | LIMS Run#: 894458

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	CI	pH	File#	OK?	Comments
1	BWL								H1348		
2	CCV		RQ2513226.01						H1349	YK	
1	LCS. RP		02						H1350	YK	
1	BLK		—						H1351	@	opt 1 U
2	MBLK-UNP		—						H1352	YB	
3	MBLK-FP		03						H1353	YB	
4	RQ511647-010			27055	1	N	N/A	<2	54	Y	
5	-011				1	N		<2	55	Y	
6	-006				1	N		<2	56	Y	
7	-008				1	N		<2	57	Y	
8	-009				1	N		<2	58	Y	
9	RQ511665-002			27153	1	N		<2	59	Y	
10	-001				1	N		<2	60	Y	
11	RQ511079-008				1	N		<2	61	Y	
12	-009				1	N		<2	62	Y	
13	-001				1	N		<2	63	Y	
14	-002				1	N		<2	64	Y	
15	-003				1	N		<2	65	Y	
16	-004				1	N		<2	66	Y	
17	-005				1	N		<2	67	Y	
18	-006				1	N		<2	68	Y	
19	-007				1	N		<2	69	Y	
20	RQ511715-014			26399	1	N		<2	70	Y	
21	-015				1	N		<2	71	Y	
22	-001				1	N		<2	72	Y	
23	-002	5	10/50 mL		1	N		<2	73	Y	Foamy
24	RQ511679-003 MS			27153	2	N		<2	74	YQ	
25	-003 MSD				3	N		<2	75	YQ	
26	BK2								H1376	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr :

500 Primary CCC : 243703

Primary FR : 243684

Primary TO : 243890 5uL → 50mL = CCV

Primary HSL : 243880

Primary 236 : 243474

200 Secondary FR : 243705 .5uL

500 Secondary CCC : 243619

Secondary TO : 243891 2uL → 50mL = LCS

Secondary HSL : 244006

Secondary 236 : 243475

-10.8mL / 41.3mL

Surrogate 50 : 243988

Internal Std 50 : 243989

Reagents:

93mL vial = ms/d

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 11:25
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-11-091525	**Units:**	ug/L
Lab Code:	R2511647-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**7.3 J**	10	2.0	10	09/20/25 18:19	
1,1-Dichloroethane (1,1-DCA)	**2.4 J**	10	2.0	10	09/20/25 18:19	
1,1-Dichloroethene (1,1-DCE)	10 U	10	2.0	10	09/20/25 18:19	
Tetrachloroethene (PCE)	10 U	10	2.1	10	09/20/25 18:19	
Trichloroethene (TCE)	10 U	10	2.0	10	09/20/25 18:19	
Vinyl Chloride	10 U	10	2.0	10	09/20/25 18:19	
cis-1,2-Dichloroethene	10 U	10	2.3	10	09/20/25 18:19	
trans-1,2-Dichloroethene	10 U	10	2.0	10	09/20/25 18:19	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	09/20/25 18:19	
Dibromofluoromethane	102	80 - 116	09/20/25 18:19	
Toluene-d8	100	87 - 121	09/20/25 18:19	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511647
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/15/25 14:10
Sample Matrix:	Water	**Date Received:**	09/16/25 07:45
Sample Name:	MW-9-091525	**Units:**	ug/L
Lab Code:	R2511647-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**0.34**	**J**	1.0	0.20	1	09/20/25 19:27	
1,1-Dichloroethane (1,1-DCA)	1.0	U	1.0	0.20	1	09/20/25 19:27	
1,1-Dichloroethene (1,1-DCE)	1.0	U	1.0	0.20	1	09/20/25 19:27	
Tetrachloroethene (PCE)	1.0	U	1.0	0.21	1	09/20/25 19:27	
Trichloroethene (TCE)	**5.6**		1.0	0.20	1	09/20/25 19:27	
Vinyl Chloride	1.0	U	1.0	0.20	1	09/20/25 19:27	
cis-1,2-Dichloroethene	1.0	U	1.0	0.23	1	09/20/25 19:27	
trans-1,2-Dichloroethene	1.0	U	1.0	0.20	1	09/20/25 19:27	

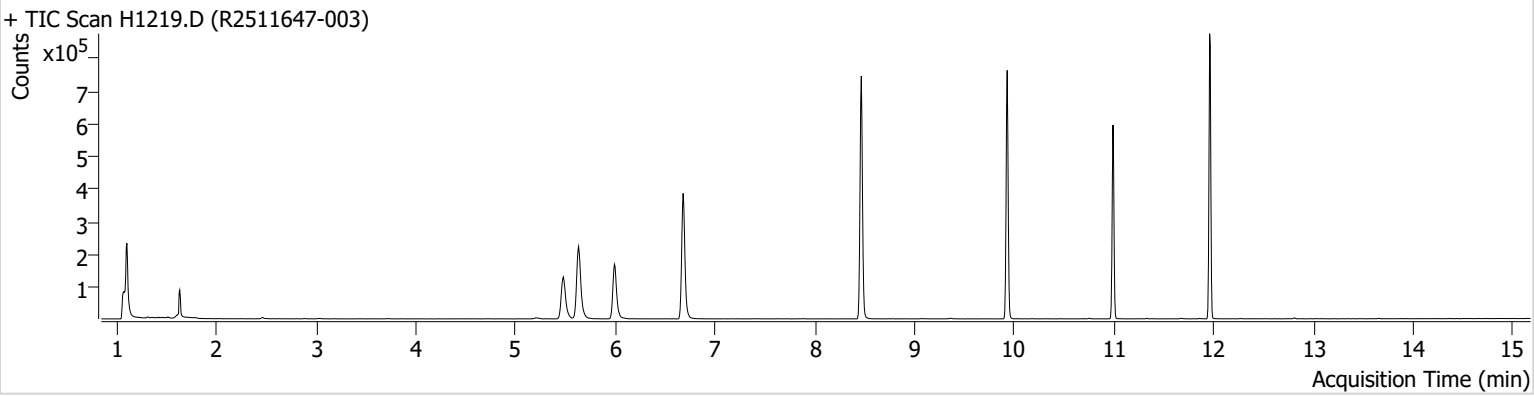
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	09/20/25 19:27	
Dibromofluoromethane	104	80 - 116	09/20/25 19:27	
Toluene-d8	102	87 - 121	09/20/25 19:27	

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\MSVOA16\Data\092025\H1219.D
Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1219.D

Acq. Date-Time	9/20/2025 6:19:16 PM	**Name**	R2511647-003
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	5/50mls *opaque inky matrix
		Dilution	10



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	221265	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	373837	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	338341	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	177424	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	123148	51.0972	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	467282	50.1635	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	147035	51.5036	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	161737	58.1423	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.437	0.000	2.458	0.002	5877	5.9387	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

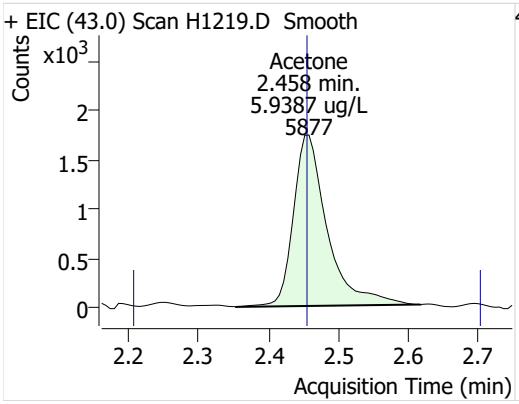
Masshunter Quantitative Analysis Sample Report

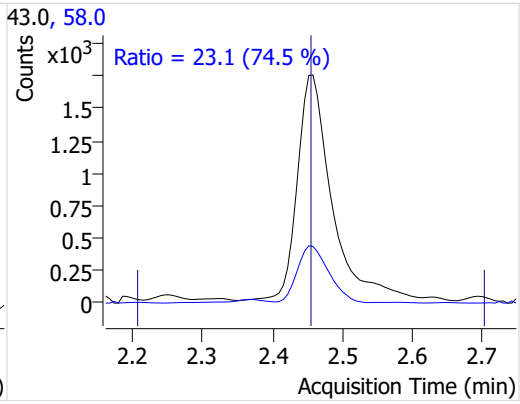
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.003	960	0.2365	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	4288	1.0266	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	2498	0.7290	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

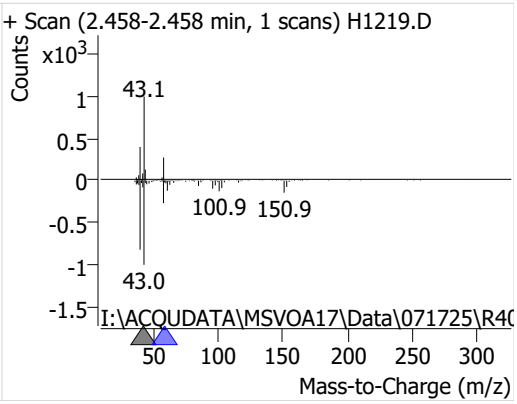
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

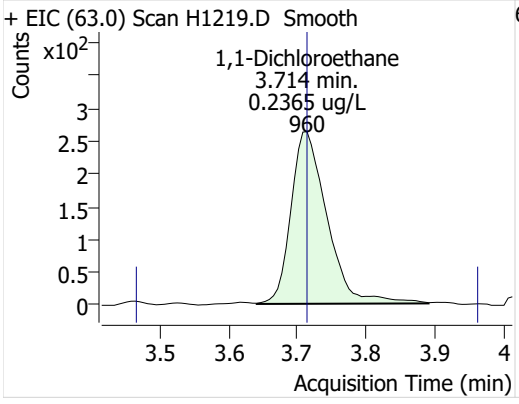
Acetone

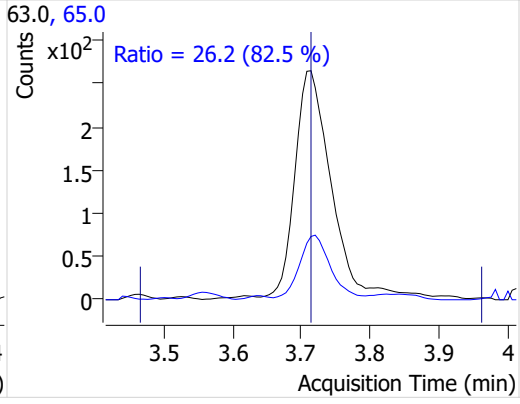


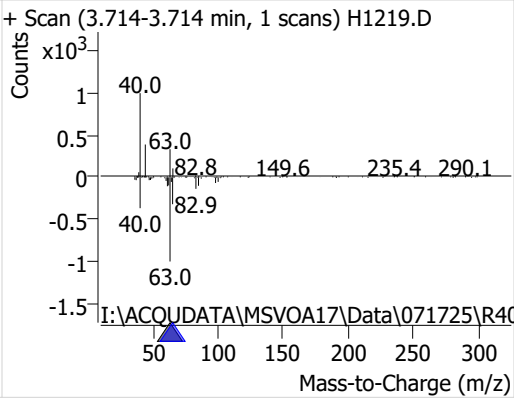




1,1-Dichloroethane

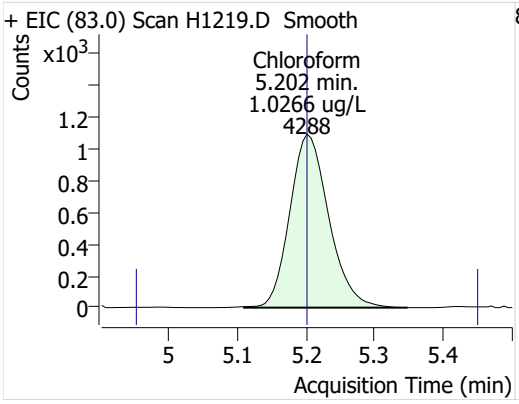


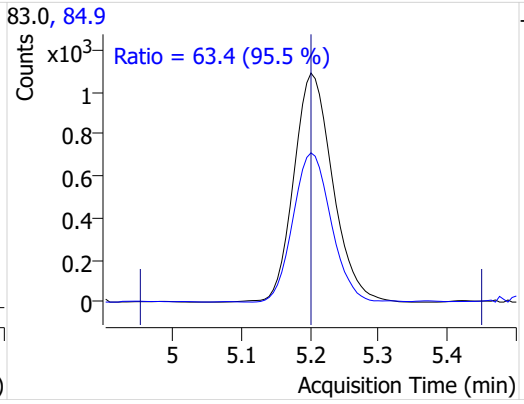


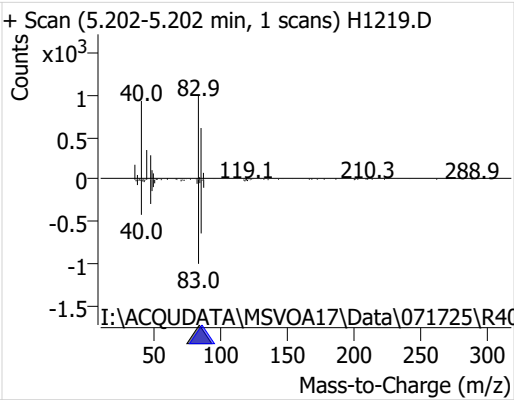


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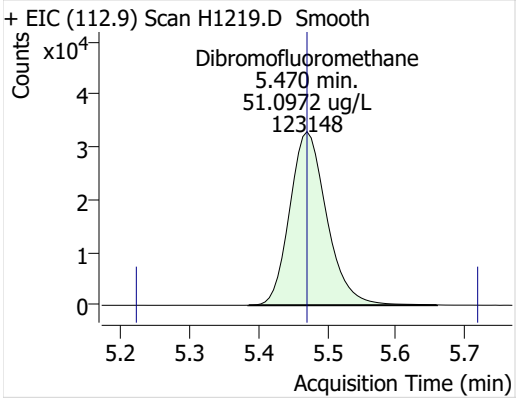
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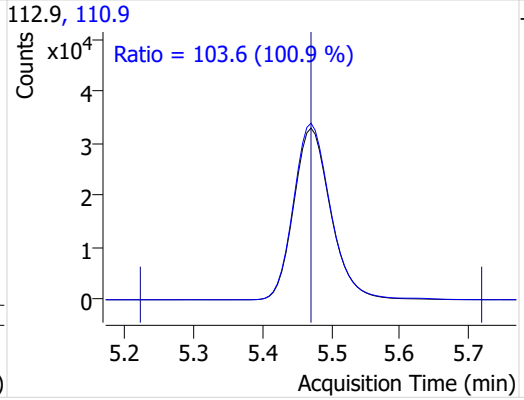


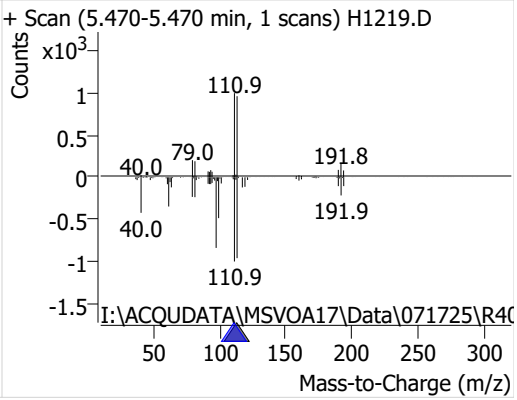




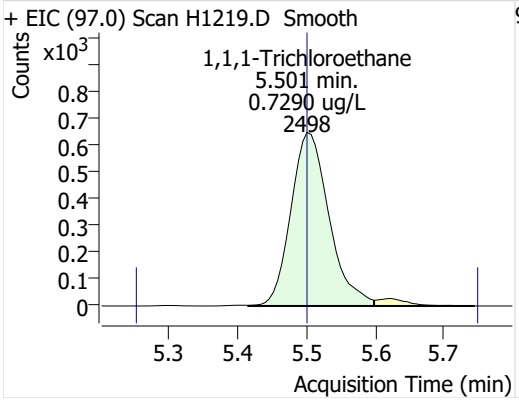
Dibromofluoromethane

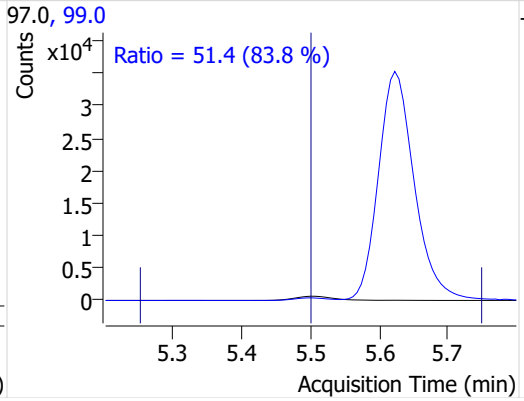


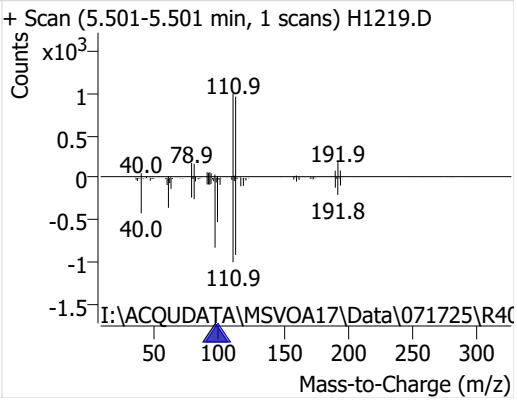




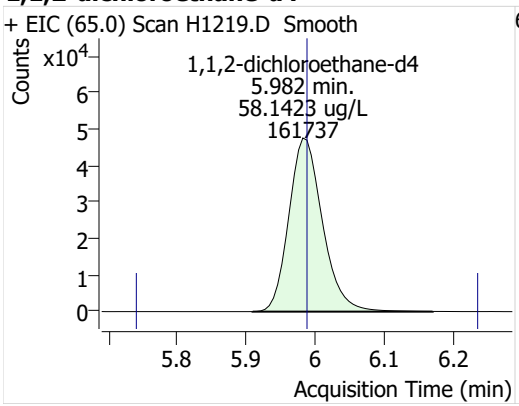
1,1,1-Trichloroethane

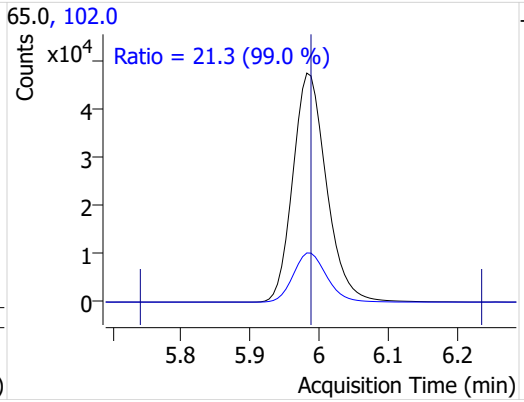


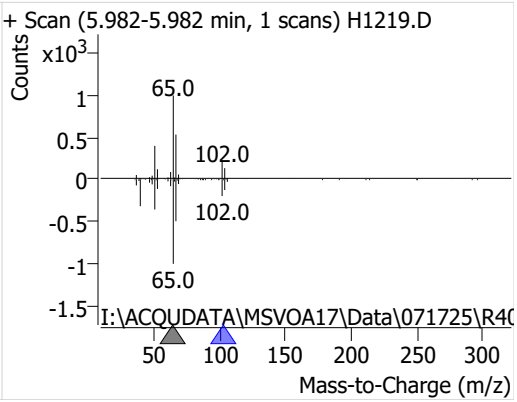




1,1,2-dichloroethane-d4

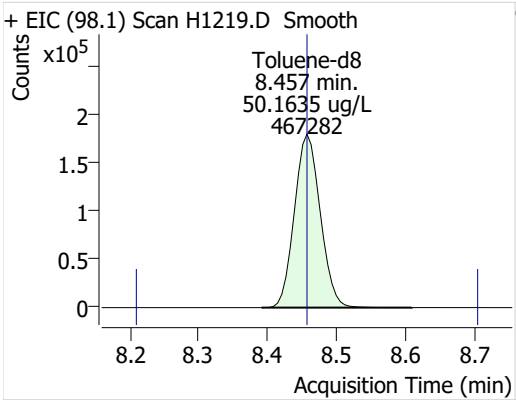


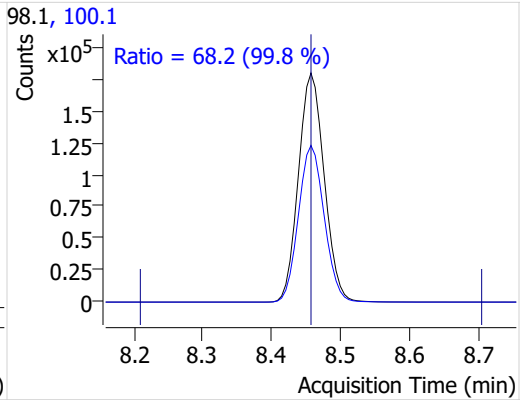


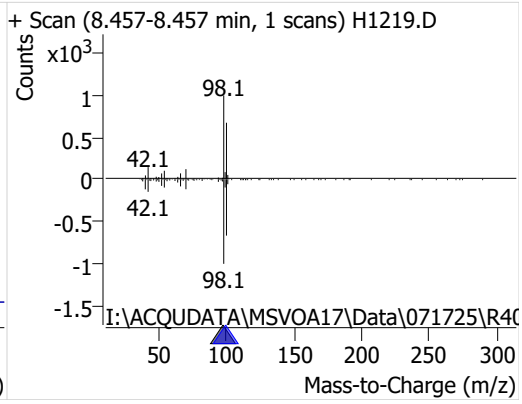


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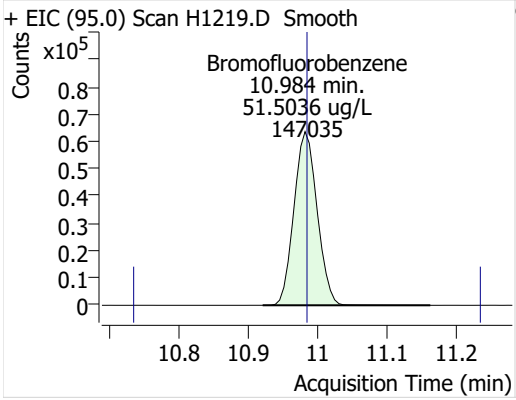
Toluene-d8

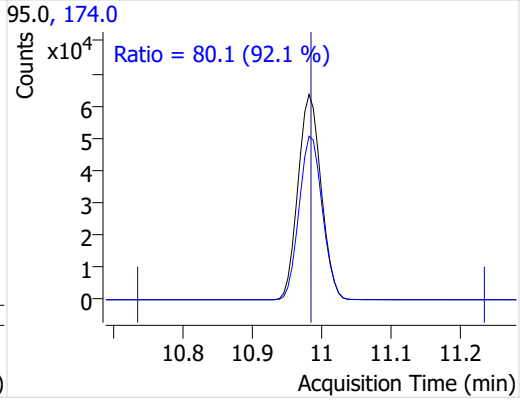


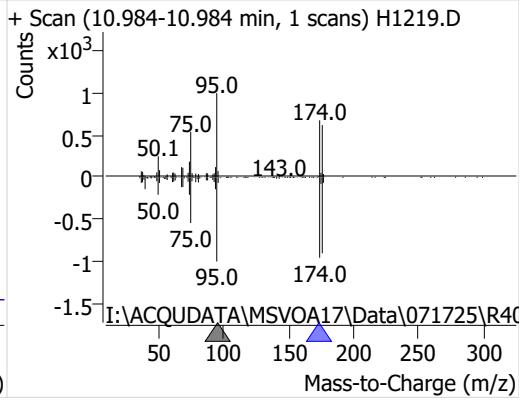




Bromofluorobenzene





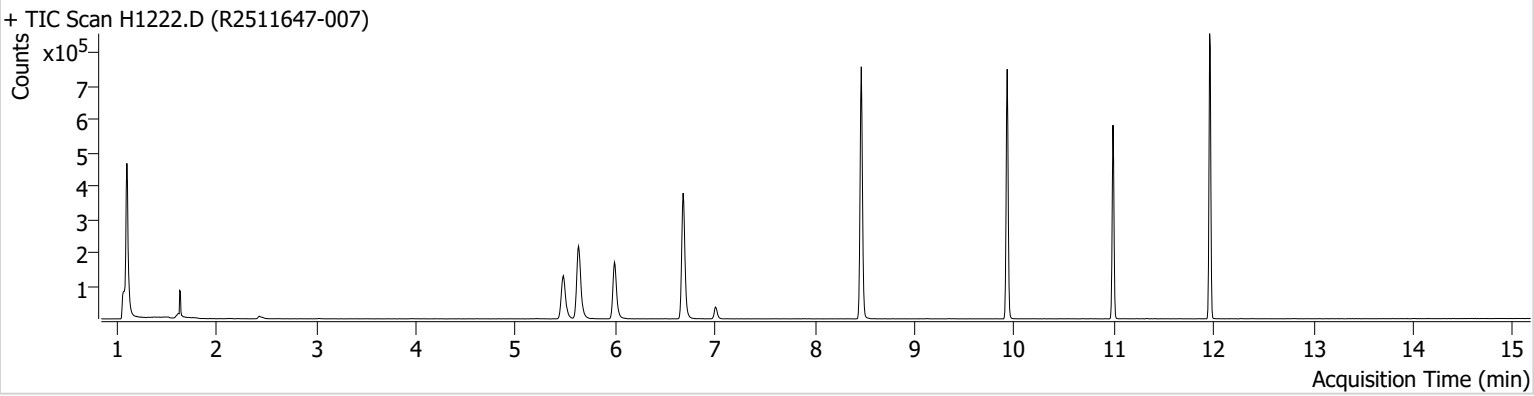


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1222.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	216450	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	364467	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	329369	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	172391	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	122217	52.0147	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	463684	51.0569	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	145276	52.3732	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	159870	58.9487	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000	0.431	0.000	2.425	0.000	4228	1.7546	ug/L
Acetone	43.000	0.438	0.001	2.460	0.004	3790	3.9148	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

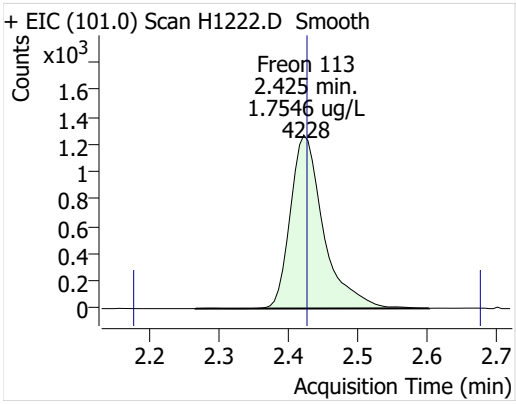
Masshunter Quantitative Analysis Sample Report

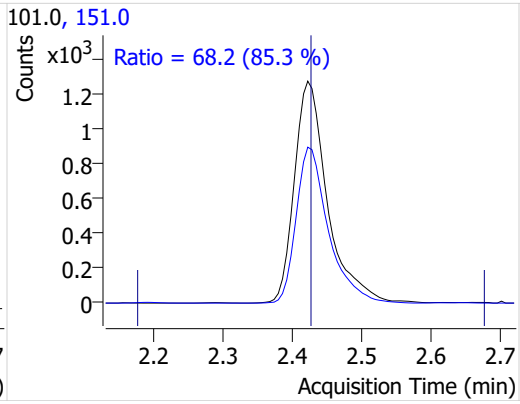
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	1182	0.2893	ug/L
1,1,1-Trichloroethane	97.000	0.977	0.001	5.494	0.006	1152	0.3436	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	14926	5.5672	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

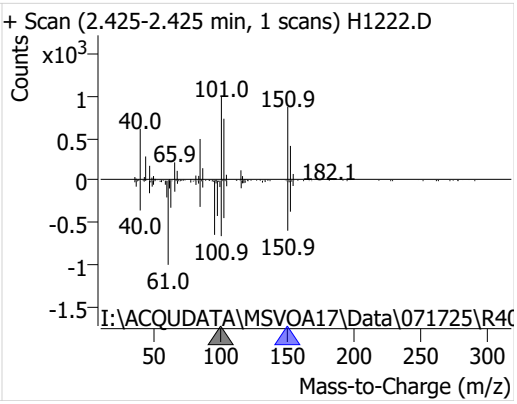
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

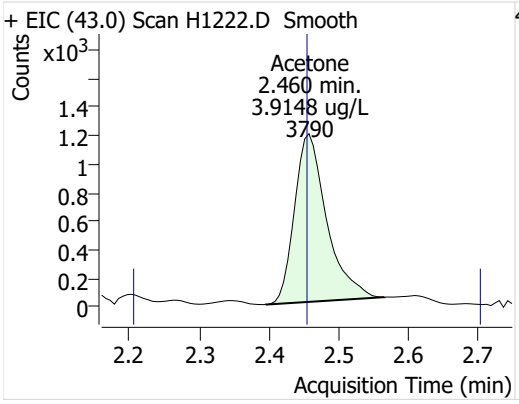
Freon 113

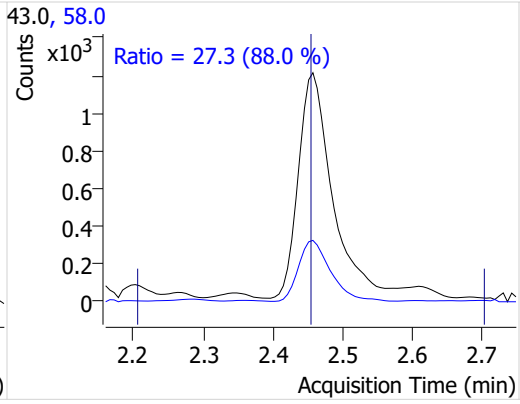


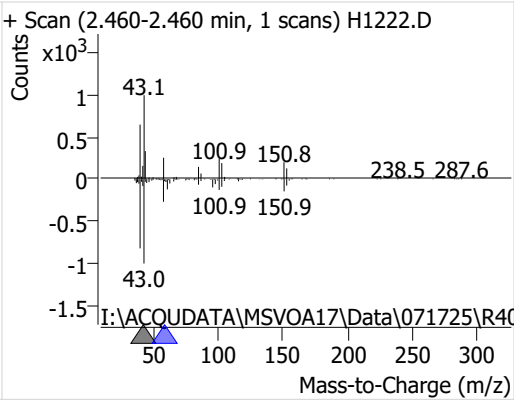




Acetone

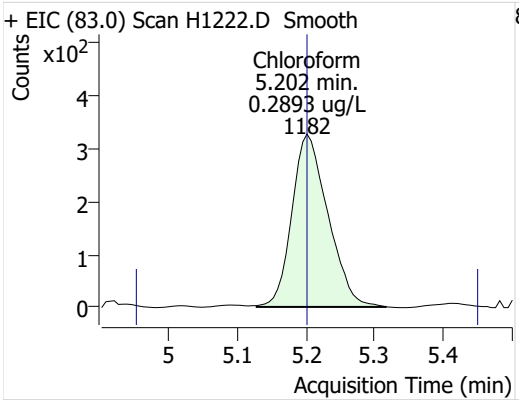


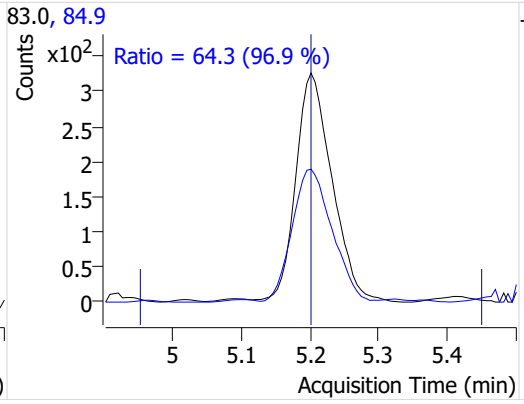


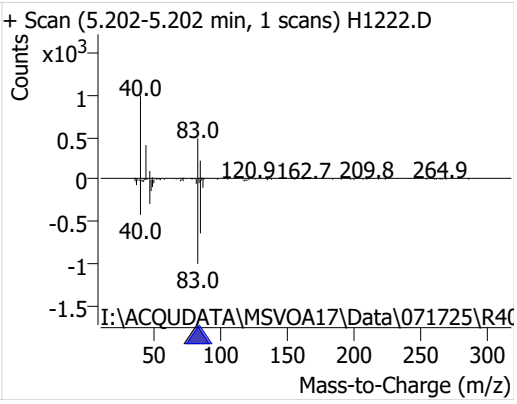


Masshunter Quantitative Analysis Sample Report

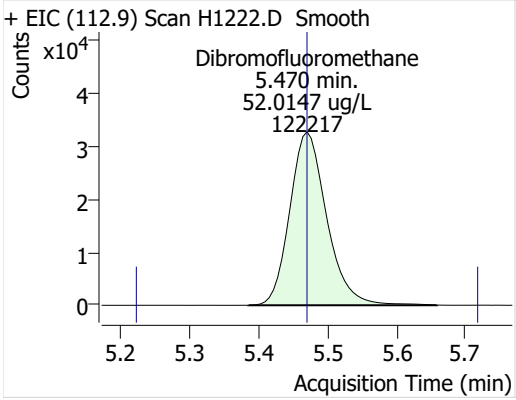
Chloroform

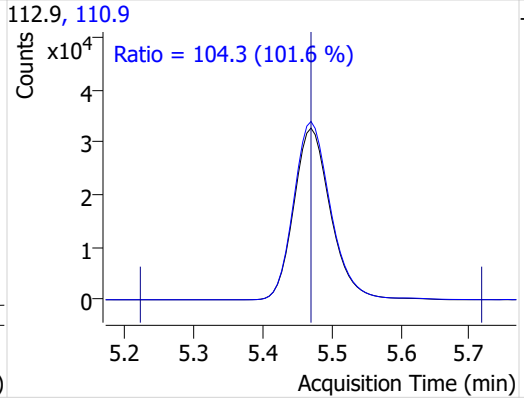


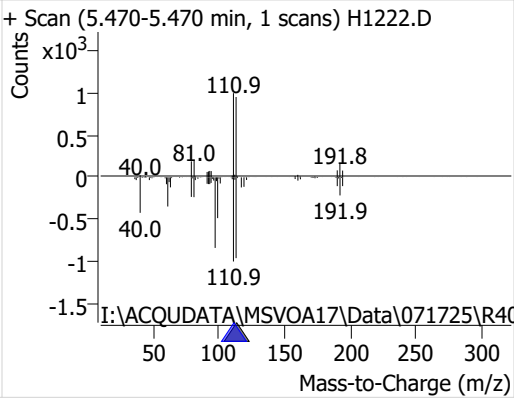




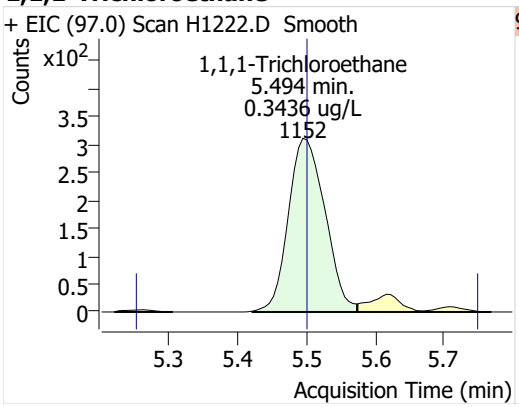
Dibromofluoromethane

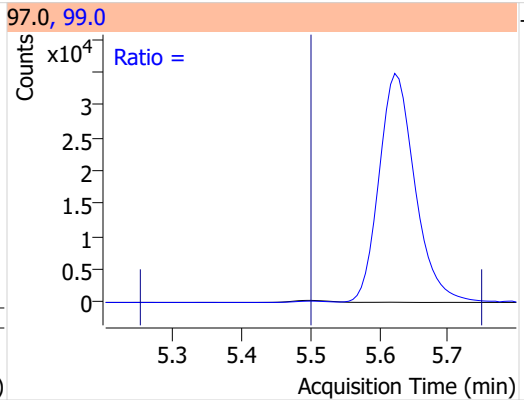


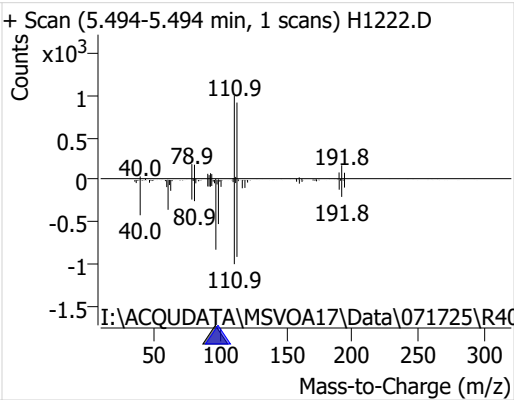




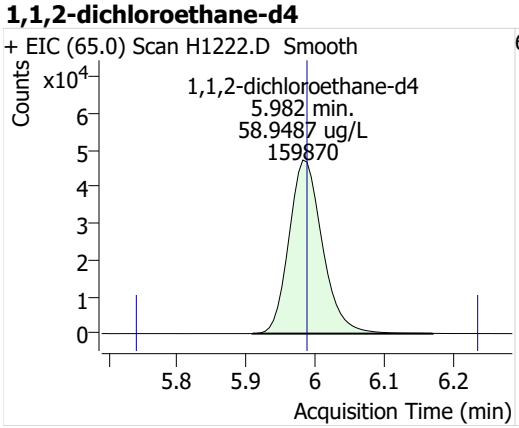
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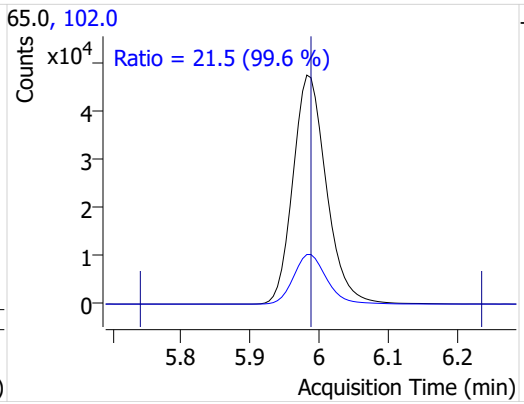


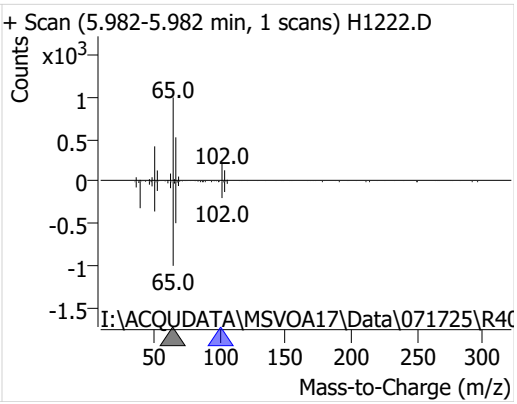




1,1,2-dichloroethane-d4

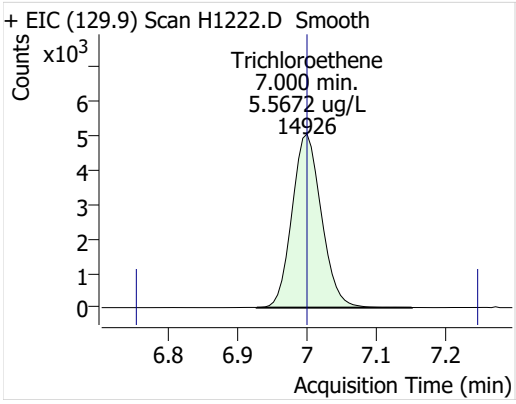


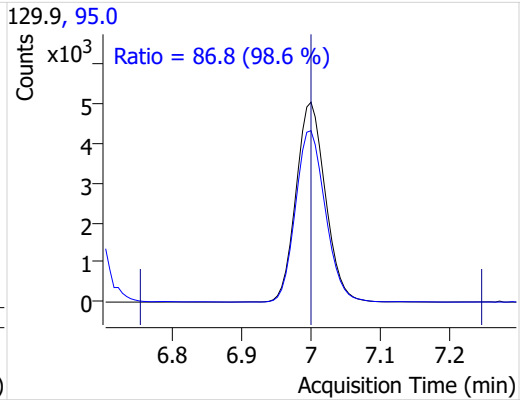


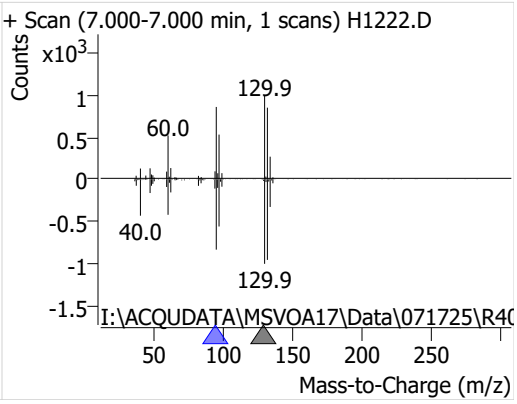


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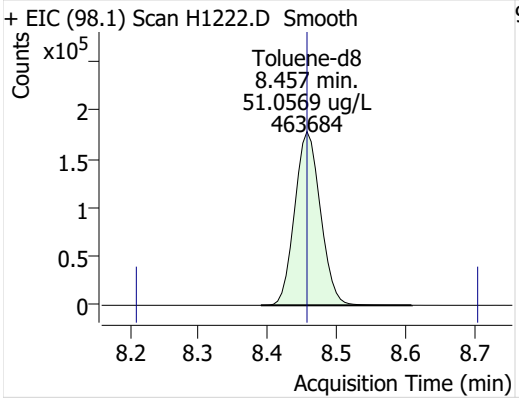
Trichloroethene

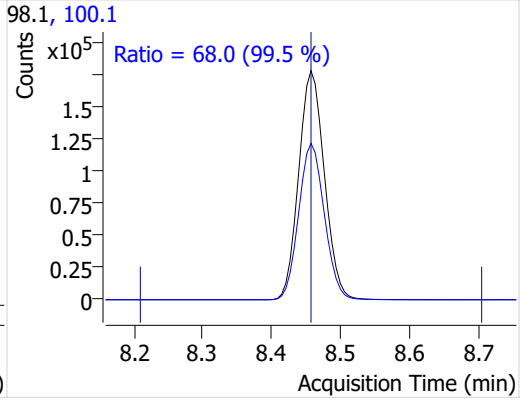


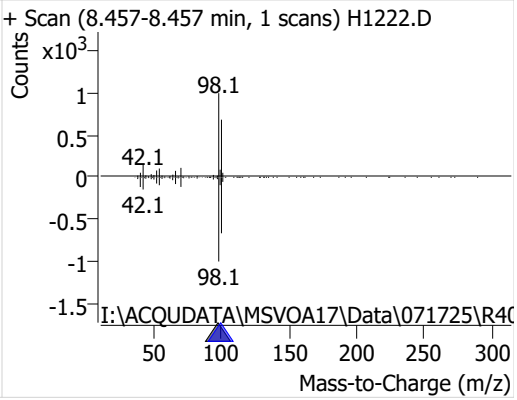




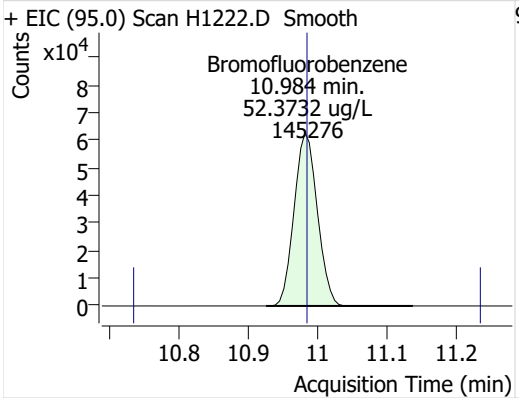
Toluene-d8

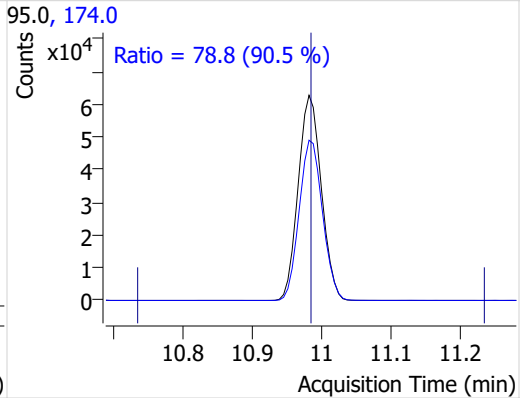


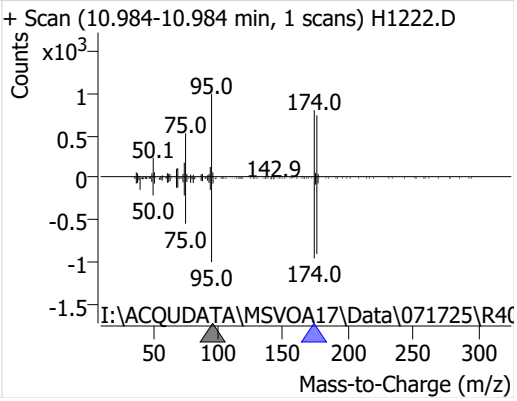




Bromofluorobenzene





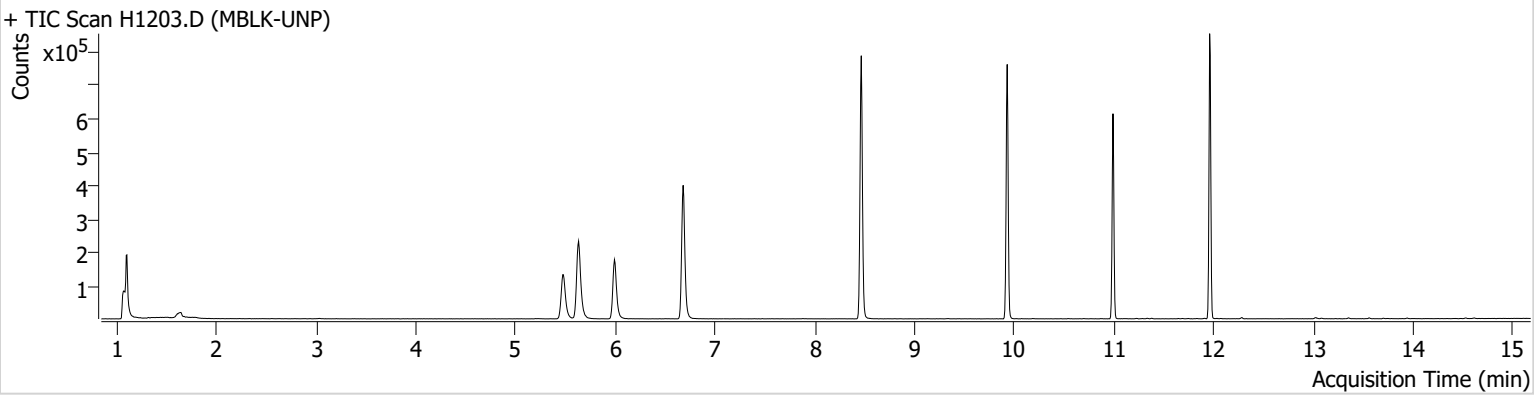


Masshunter Quantitative Analysis Sample Report

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H1203.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	231196	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	387646	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	342711	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	171527	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	126203	50.4997	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	485820	50.2958	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	151268	54.8079	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167230	57.9757	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.440	0.003	2.471	0.016	425	0.4113	ug/L
Iodomethane	142.000	0.454	0.001	2.554	0.007	658	2.2600	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

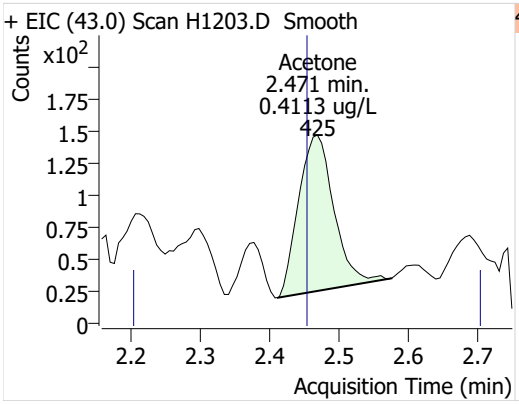
Masshunter Quantitative Analysis Sample Report

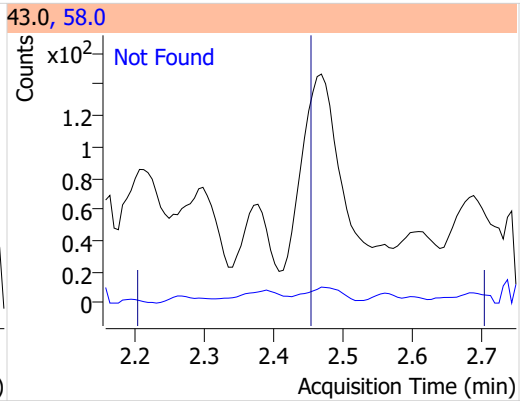
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

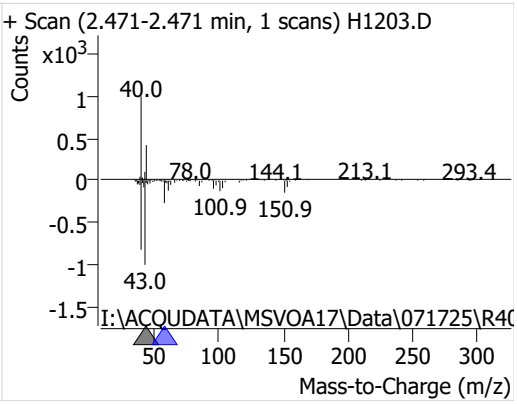
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	1558	0.3380	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.347	0.002	1129	0.2276	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

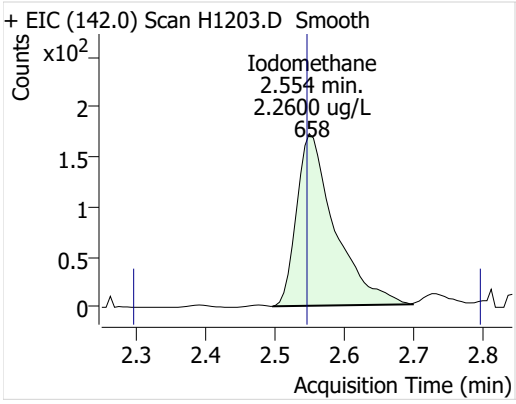
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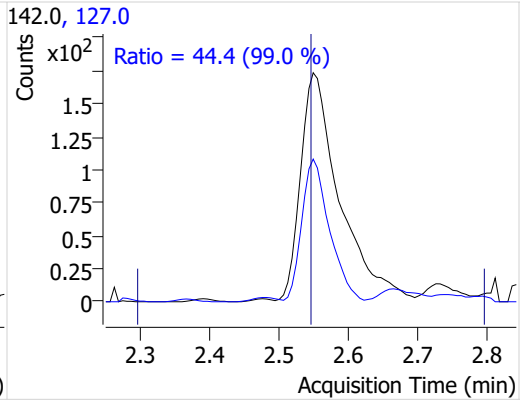


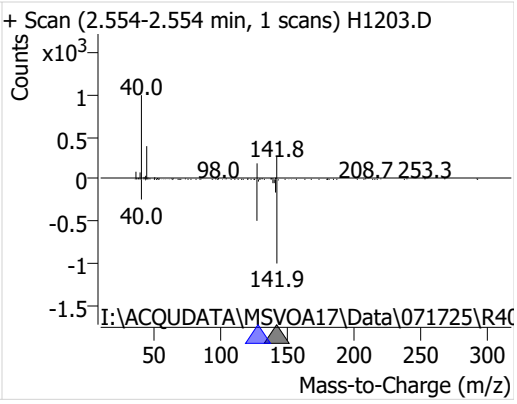




Iodomethane

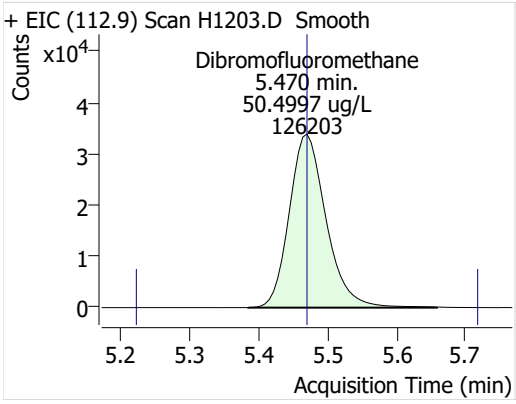


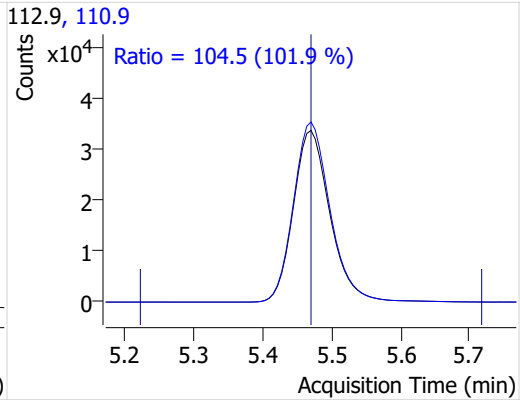


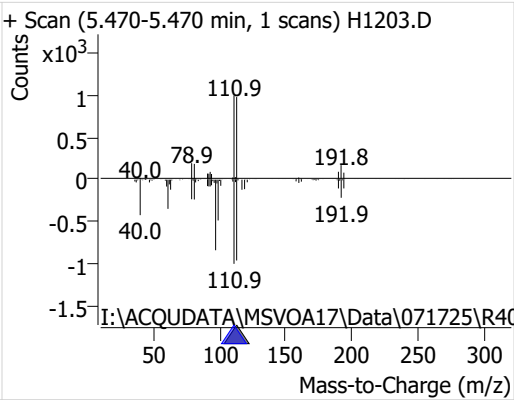


Masshunter Quantitative Analysis Sample Report

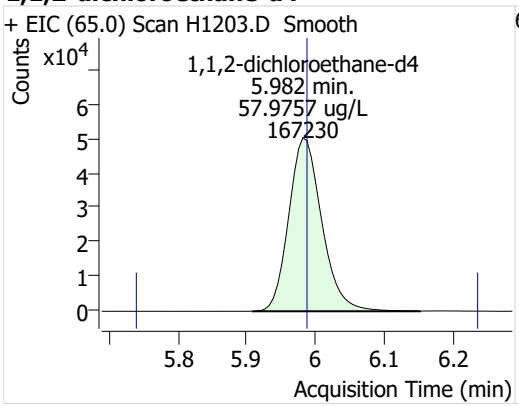
Dibromofluoromethane

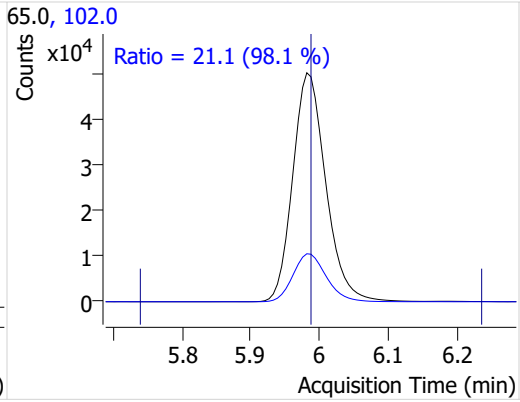


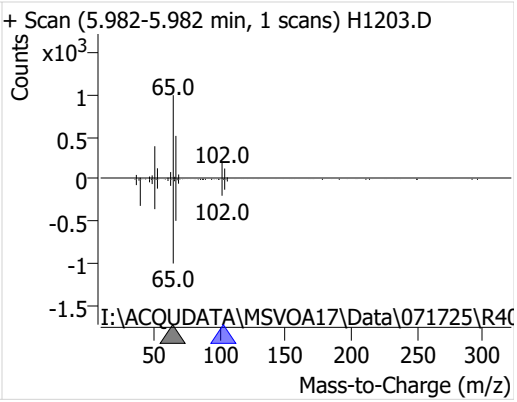




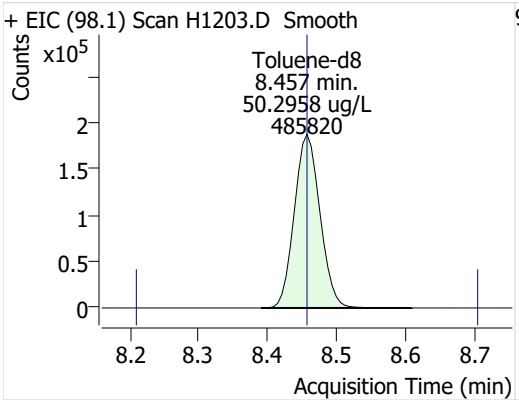
1,1,2-dichloroethane-d4

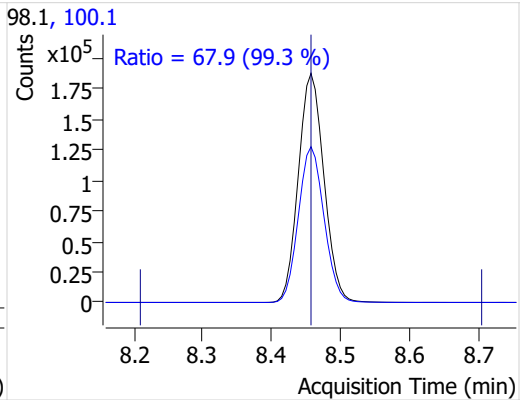


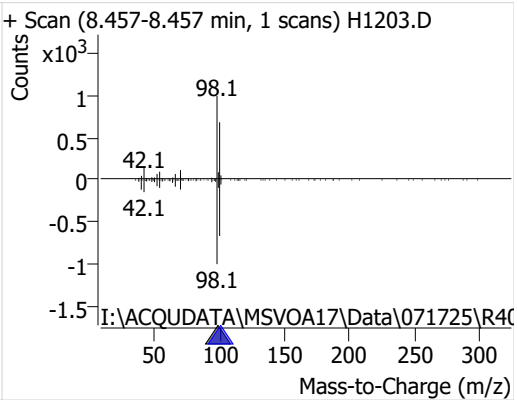




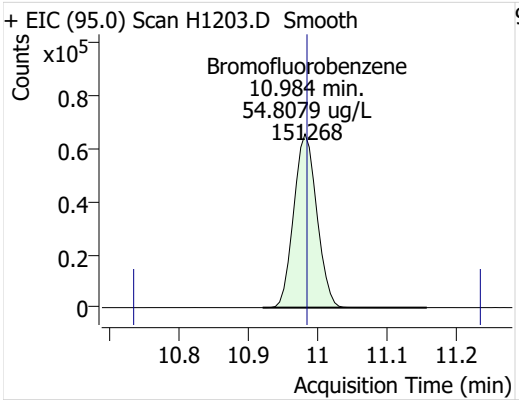
Toluene-d8

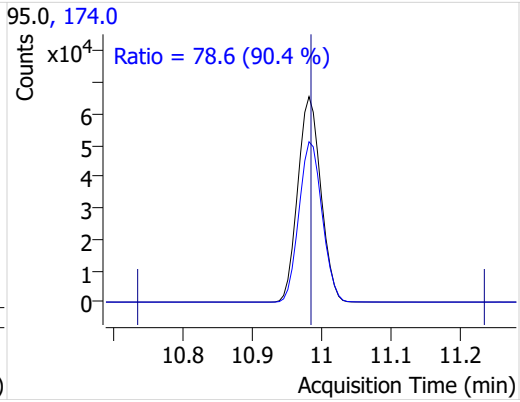


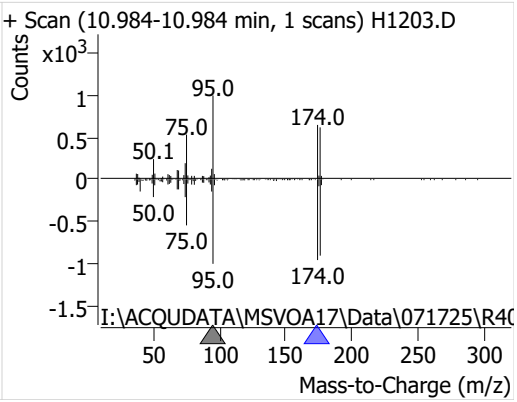




Bromofluorobenzene

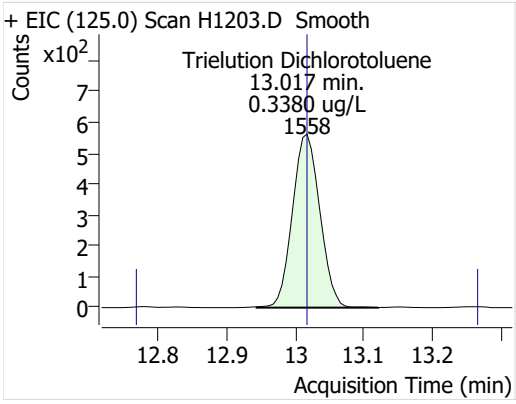


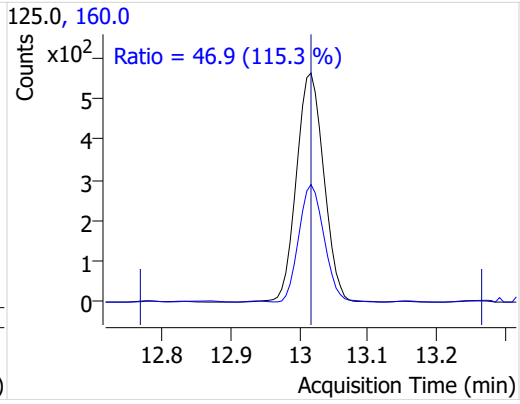


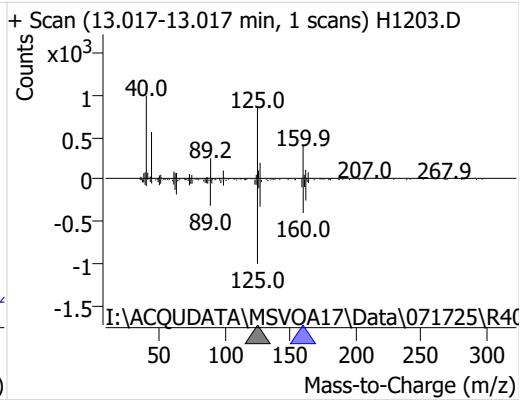


Masshunter Quantitative Analysis Sample Report

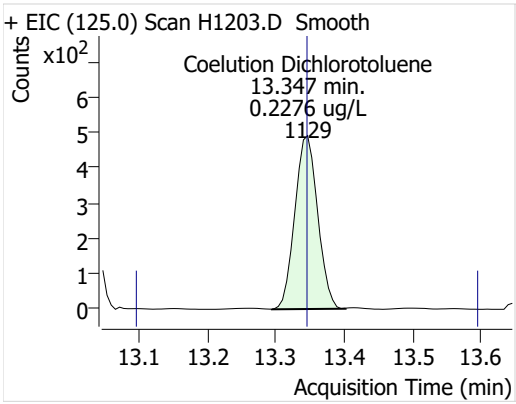
Trielution Dichlorotoluene

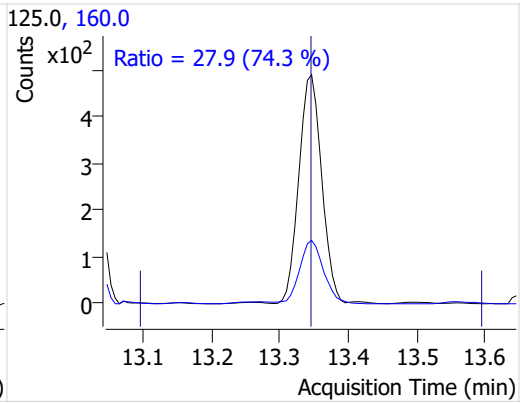


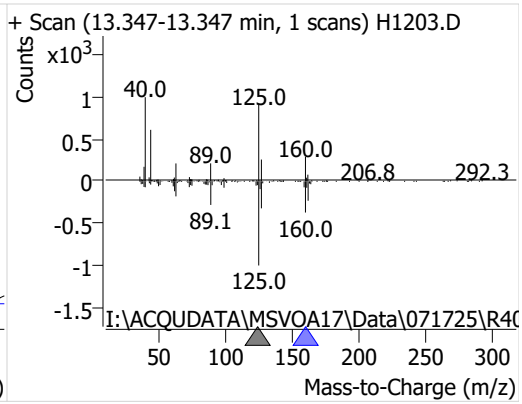




Coelution Dichlorotoluene





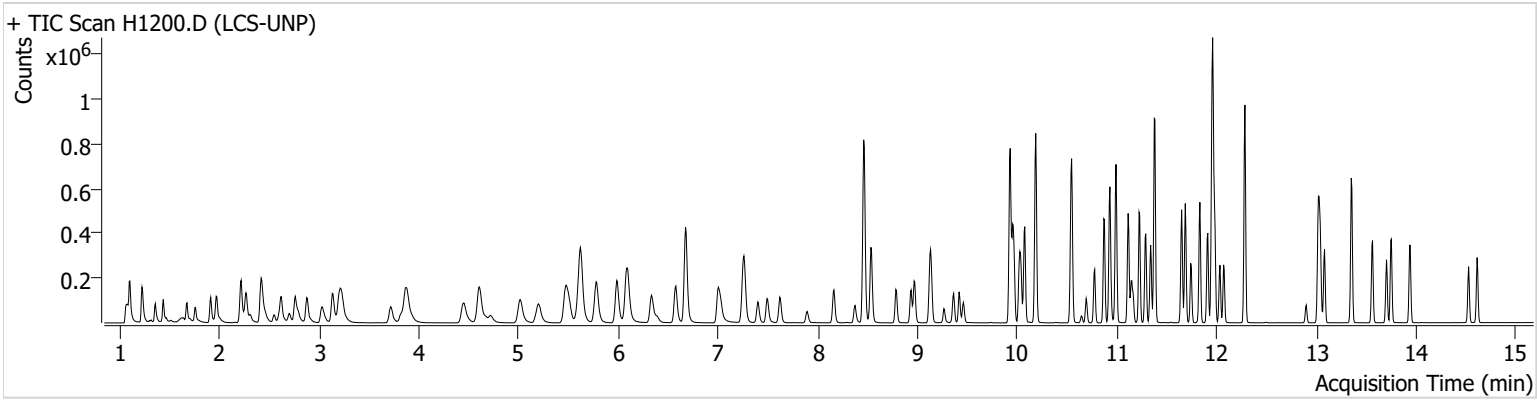


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1200.D

Acq. Date-Time	9/20/2025 10:53:50 AM	**Name**	LCS-UNP
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	249546	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.665	0.006	412975	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	354626	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	193624	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.464	0.001	135483	50.8879	ug/L
Toluene-d8	98.1	1.268	0.000	8.451	0.002	525517	51.0686	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.983	0.006	180334	57.8826	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.976	0.007	175416	57.0838	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	84234	27.5371	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.001	74177	24.4144	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.002	71782	25.7875	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	79474	24.3851	ug/L
Bromomethane	94.000	0.297	0.000	1.668	0.001	48227	19.2413	ug/L
Chloroethane	64.000	0.312	0.000	1.753	0.000	49852	20.8764	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.907	0.001	98638	20.0698	ug/L
Trichlorofluoromethane	101.000	0.350	0.000	1.965	0.002	97593	21.9297	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.001	49817	18.7829	ug/L
Diethyl Ether	59.000	0.394	0.000	2.214	0.001	47199	20.6661	ug/L
Freon 123	83.000	0.403	0.000	2.262	0.001	77712	19.4862	ug/L
Acrolein	56.000	0.411	0.000	2.307	0.001	16818	104.5938	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.003	90519	22.4129	ug/L
Freon 113	101.000	0.431	0.000	2.423	0.000	55749	20.0691	ug/L
Acetone	43.000	0.437	0.000	2.453	0.002	22735	20.3699	ug/L
Iodomethane	142.000	0.453	0.000	2.544	0.000	42073	14.0211	ug/L
2-Propanol	45.000	0.463	0.000	2.601	0.002	66042	403.8973	ug/L
Carbon Disulfide	75.900	0.465	0.001	2.611	0.003	130397	19.2739	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.751	0.001	131698 LT	144.9747	ug/L
Methyl Acetate	43.000	0.496	0.000	2.784	0.000	50446	22.7859	ug/L

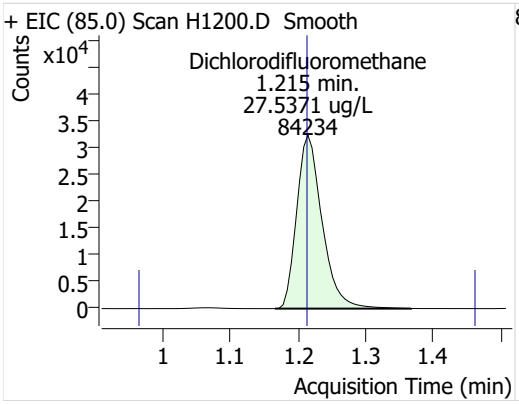
Masshunter Quantitative Analysis Sample Report

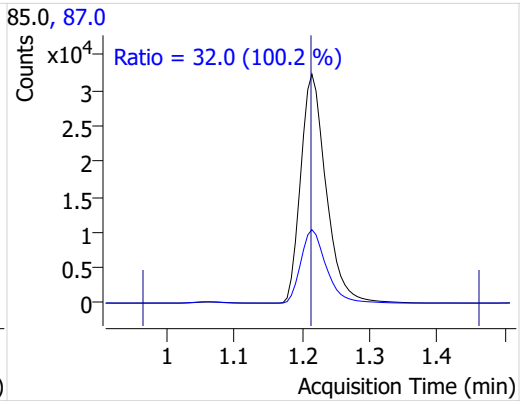
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.873	0.003	55864	20.6015	ug/L
TBA	59.000	0.539	0.001	3.025	0.003	98959	392.1004	ug/L
Acrylonitrile	53.000	0.557	0.001	3.129	0.003	130427	113.6157	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.190	0.003	74345	20.7995	ug/L
MTBE	73.000	0.573	0.001	3.220	0.004	149441	20.0091	ug/L
1,1-Dichloroethane	63.000	0.660	0.000	3.708	0.001	102223	22.3219	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.816	0.002	66365	17.1732	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.000	3.854	0.002	45600	21.2028	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.873	0.002	149673	19.1348	ug/L
ETBE	59.000	0.791	0.000	4.444	0.002	131984	18.0309	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.599	0.003	62511	21.8846	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.604	0.004	72809	21.2815	ug/L
2-Butanone	43.000	0.831	0.000	4.669	0.001	30629	21.8077	ug/L
Propionitrile	54.000	0.839	0.000	4.714	0.001	49557	112.3308	ug/L
Bromochloromethane	129.900	0.891	0.000	5.007	0.001	39067	19.4682	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.015	0.001	24918	21.6839	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.171	0.006	18158	21.3132	ug/L
Chloroform	83.000	0.925	0.000	5.196	0.000	97937	20.7923	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.494	0.000	83231	21.5369	ug/L
Cyclohexane	84.000	0.840	0.000	5.598	0.001	80944	20.5170	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.771	0.002	75439	21.3634	ug/L
1,1-Dichloropropene	75.000	0.866	0.000	5.775	0.001	72833	22.1711	ug/L
Benzene	78.000	0.911	0.000	6.074	0.001	212090	21.4585	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.092	0.001	83373	21.8119	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.092	0.001	42315	486.6499	ug/L
TAME	73.000	1.126	0.000	6.323	0.001	118649	17.4671	ug/L
n-Heptane	43.000	0.986	0.000	6.569	0.000	84656	25.7790	ug/L
Trichloroethene	129.900	1.049	0.000	6.994	0.000	61516	20.2496	ug/L
1-Butanol	56.000	1.053	0.000	7.018	0.003	58659	862.3725	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.244	0.001	72978	20.3661	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.256	0.001	59205	21.7830	ug/L
Dibromomethane	173.900	1.109	0.000	7.390	0.001	36284	18.7040	ug/L
1,4-Dioxane	88.000	1.123	0.001	7.482	0.007	14135	353.3476	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.488	0.001	37778	20.2641	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.610	0.001	73414	20.3705	ug/L
2-Nitropropane	43.000	1.183	0.001	7.886	0.004	36063	44.3840	ug/L
2-Chloroethylvinyl Ether	63.000	1.195	0.007	7.964	0.049	851	1.0502	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.152	0.001	79463	22.1680	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.001	8.366	0.005	53534	20.3783	ug/L
Toluene	91.000	1.279	0.000	8.524	0.002	233934	21.6277	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.774	0.005	68676	21.8061	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.927	0.008	65075	19.8042	ug/L
1,1,2-Trichloroethane	97.000	1.345	0.001	8.963	0.008	53625	21.5121	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	56192	20.9865	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	90099	21.9754	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	18974	18.9377	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	59282	20.7510	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	82188	21.4727	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	51503	21.6384	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	152691	20.5552	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.002	60654	15.6782	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.002	56867	15.4977	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	55093	21.3022	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	258391	22.4935	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	405193	46.8254	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.001	199751	21.6200	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	168797	21.7410	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	38135	21.8233	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	59364	15.3251	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	249143	23.8758	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	206374	473.7547	ug/L

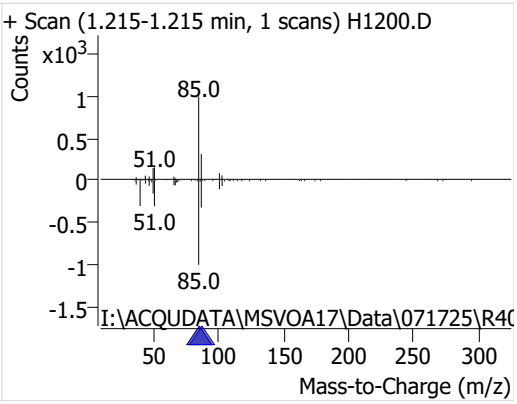
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	69213	22.5146	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	64254	20.9977	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	84520	22.2445	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.000	20402	24.8977	ug/L
Propyl Benzene	91.100	0.938	0.000	11.213	0.003	308750	25.1385	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.280	0.005	178020	24.0974	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.005	125451	16.8629	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	223908	23.9056	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	247120	24.5924	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	221524	23.9923	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.005	222620	24.2618	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	46529	17.1081	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	288216	24.4071	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	124894	21.4283	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	247928	24.3149	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	128675	20.9561	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	41004	16.3363	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	46741	16.1816	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	120756	21.2063	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	236759	25.8236	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	15685	20.4938	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	282618	54.3261	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	76252	17.2524	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.346	0.007	208030	37.1476	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	84961	20.6307	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	34452	22.4694	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	239343	22.8361	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	83162	20.9384	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.008	51792	17.6088	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	53662	20.4586	ug/L

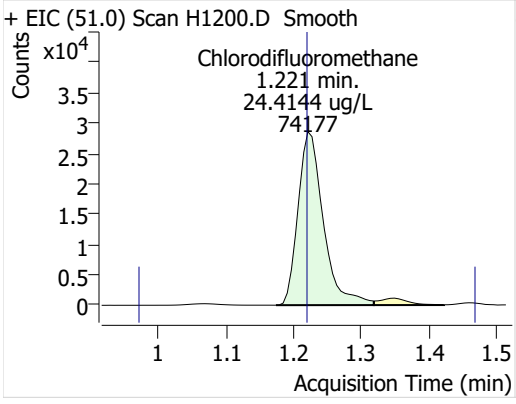
Dichlorodifluoromethane

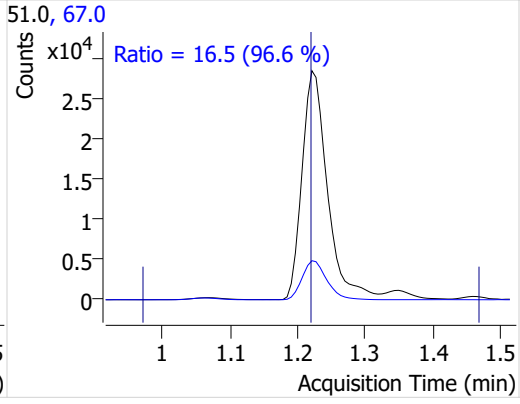


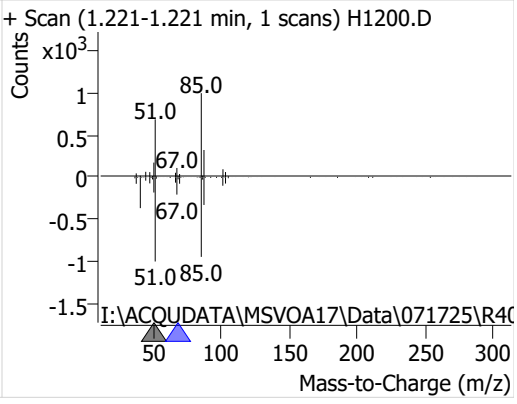




Chlorodifluoromethane

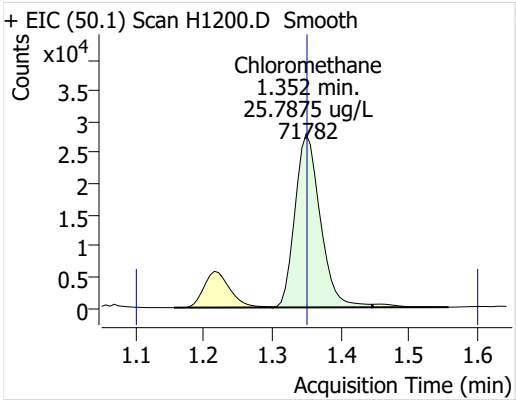


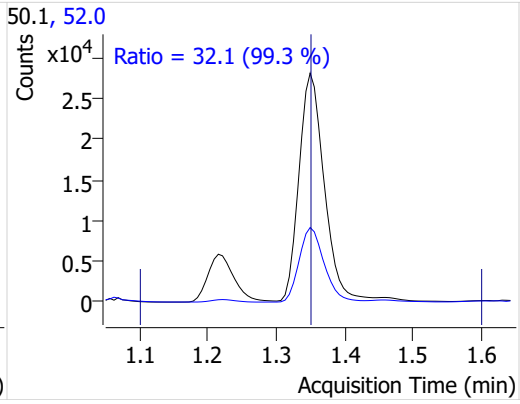


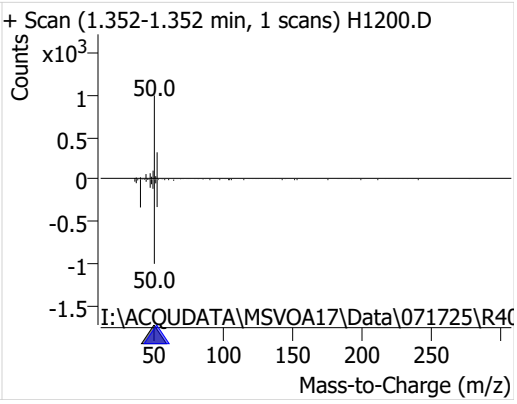


Masshunter Quantitative Analysis Sample Report

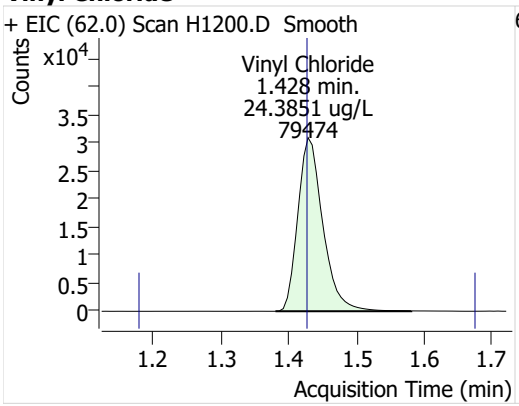
Chloromethane

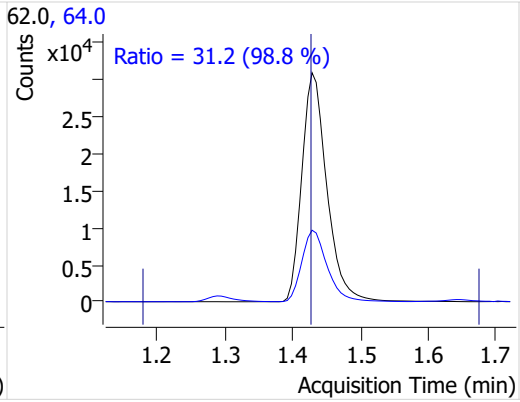


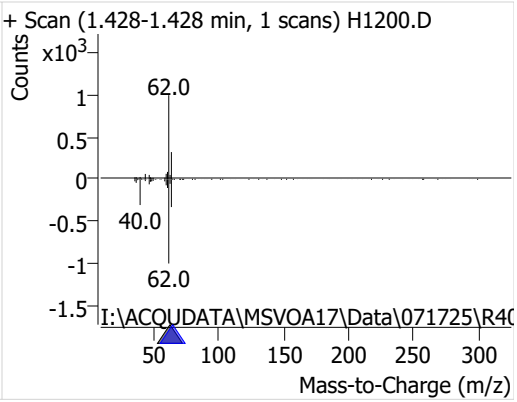




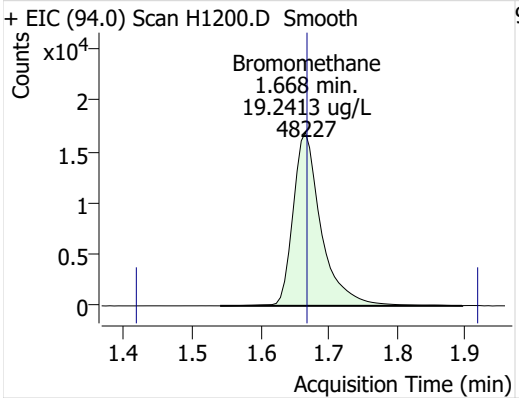
Vinyl Chloride

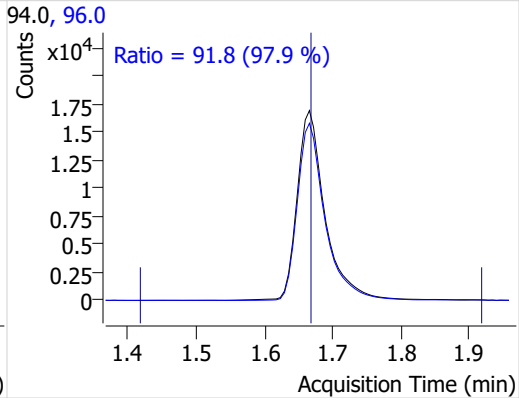


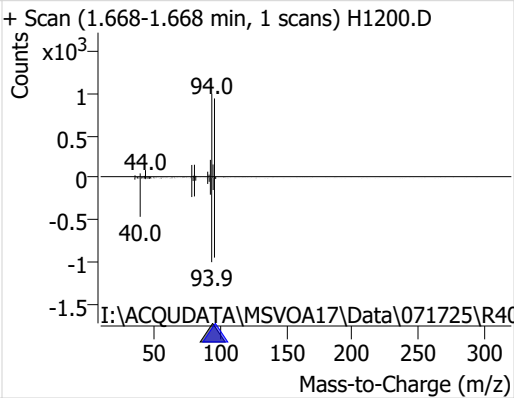




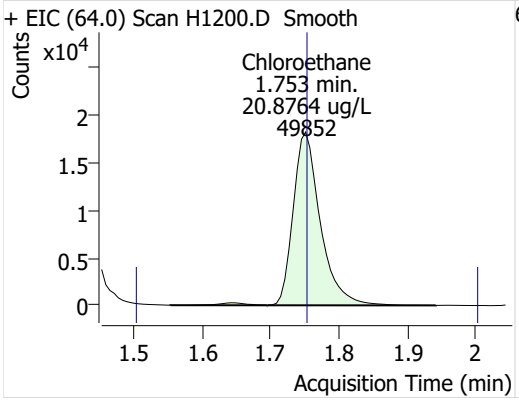
Bromomethane

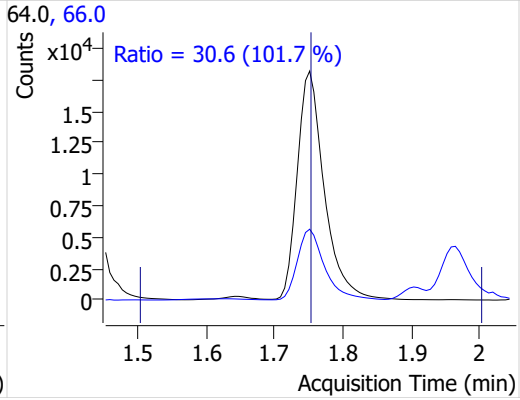


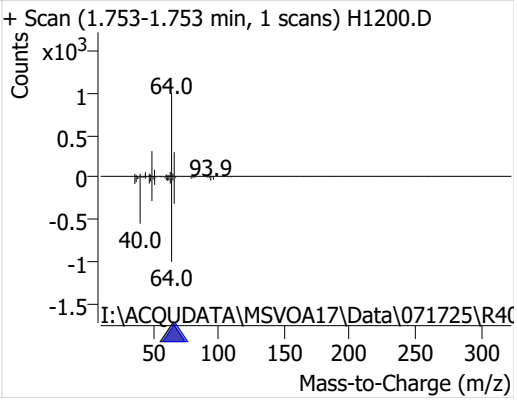




Chloroethane

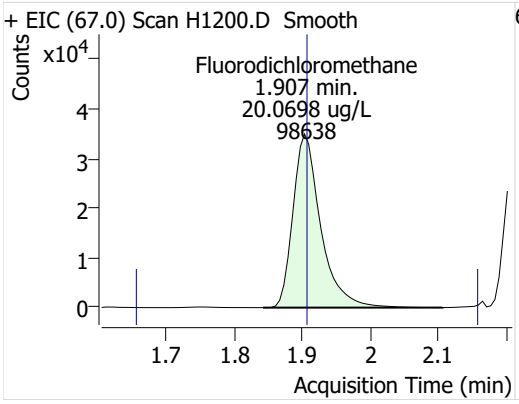


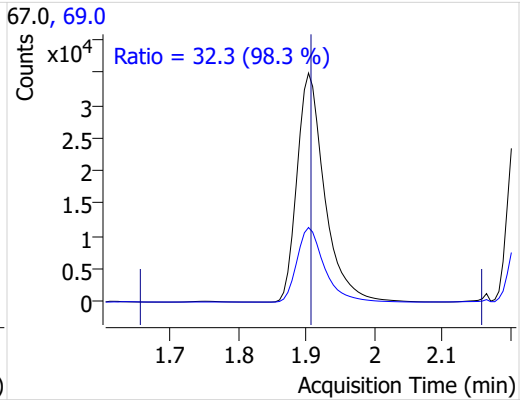


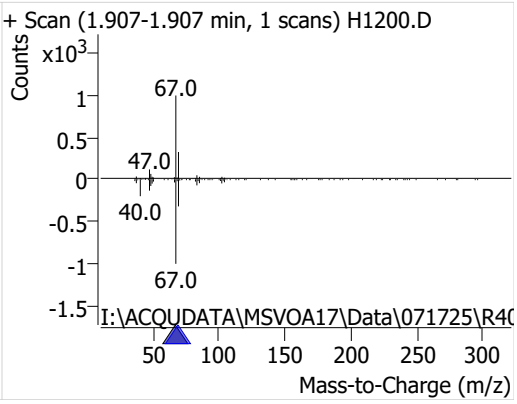


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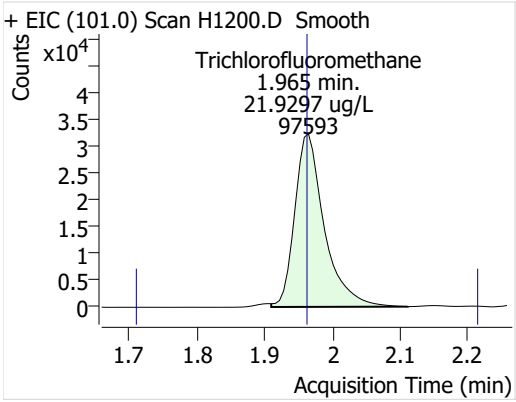
Fluorodichloromethane

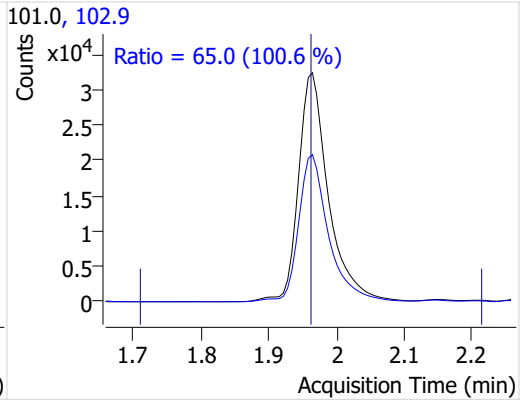


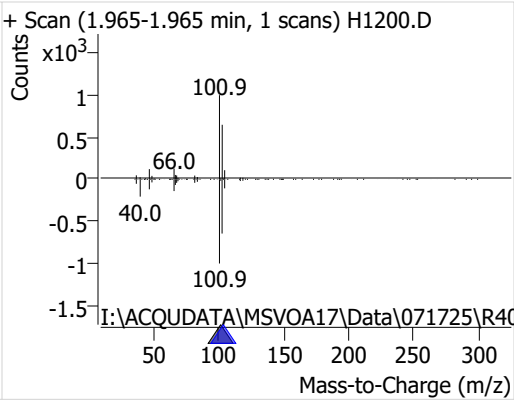




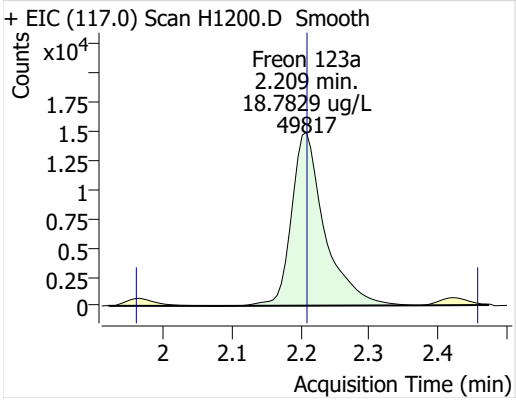
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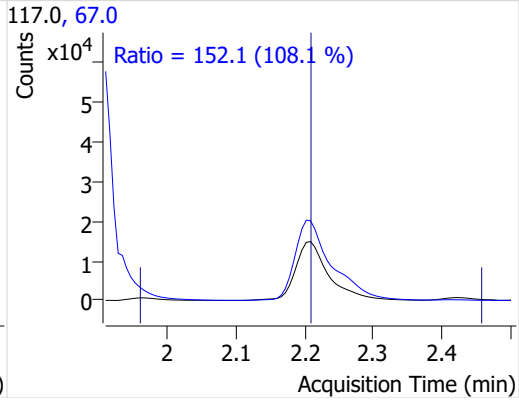


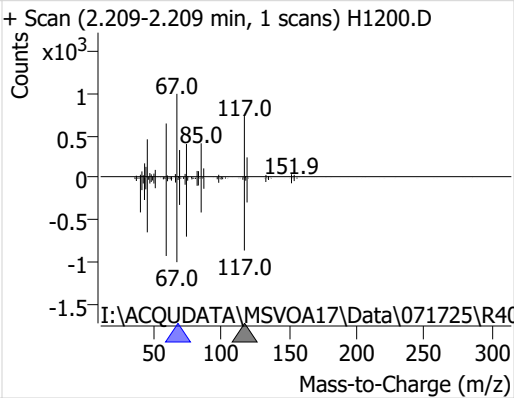




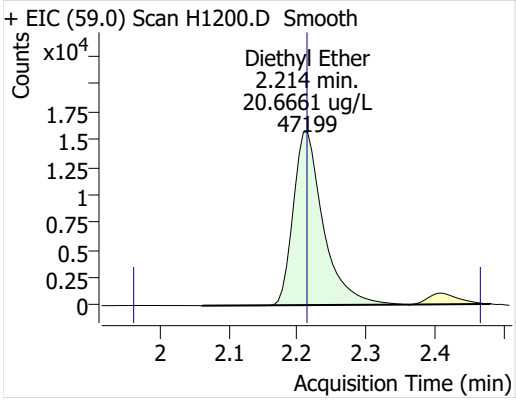
Freon 123a

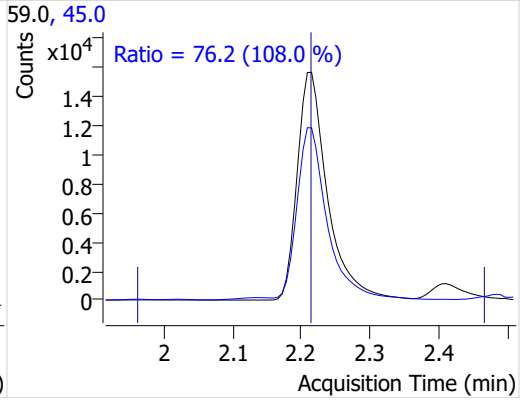


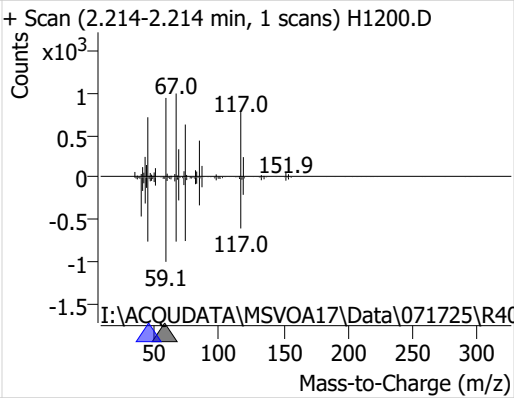




Diethyl Ether

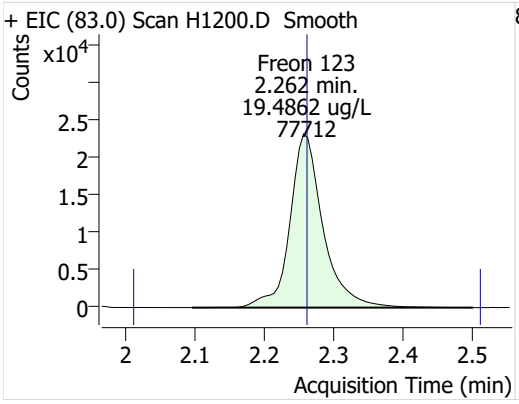


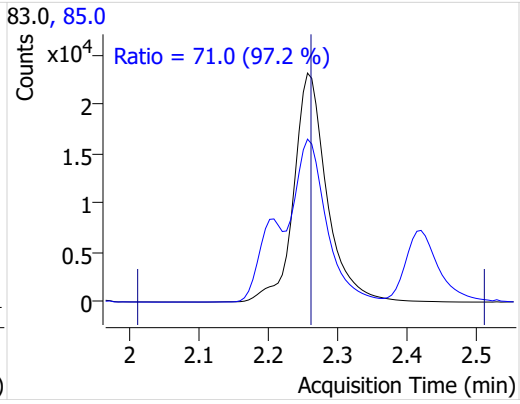


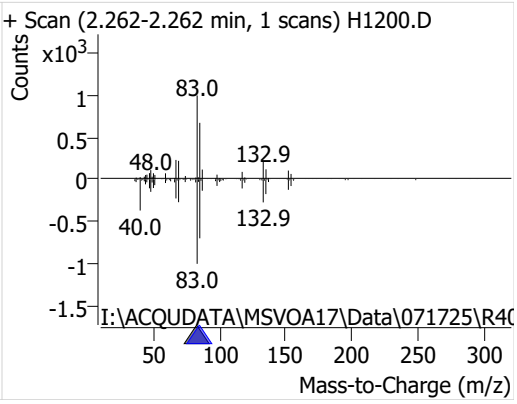


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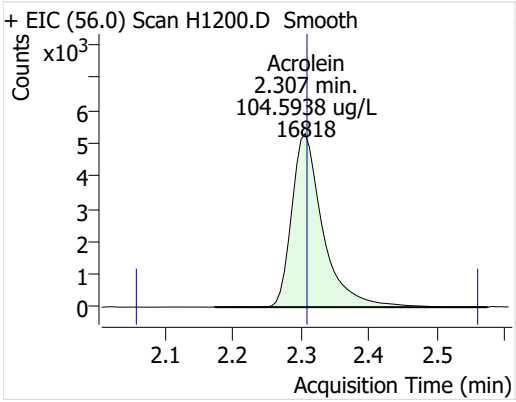
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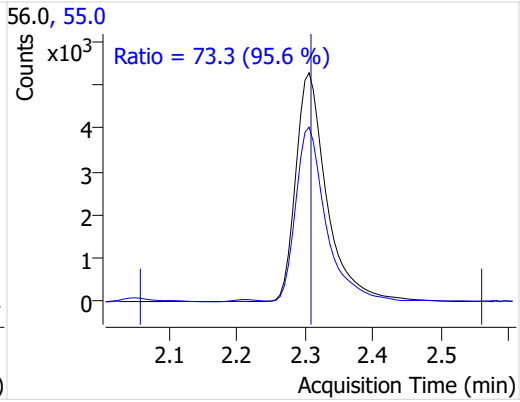


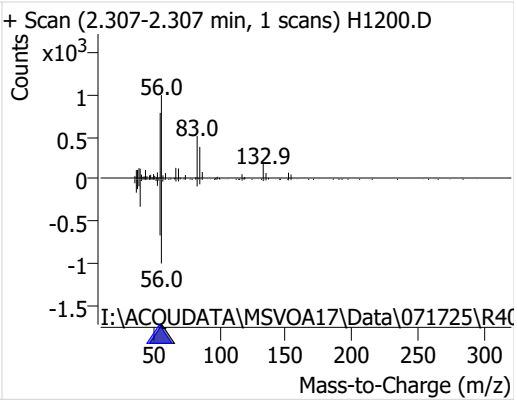




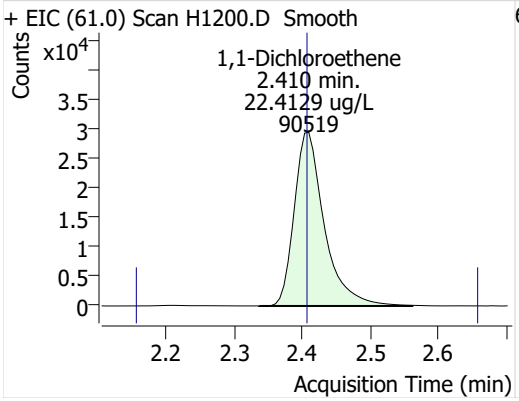
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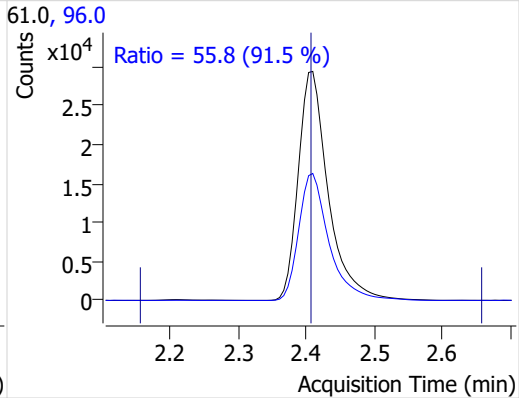


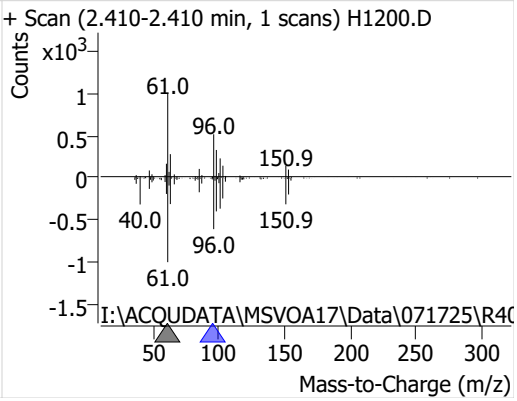




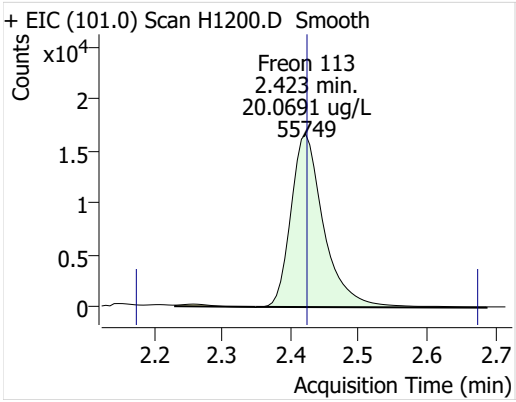
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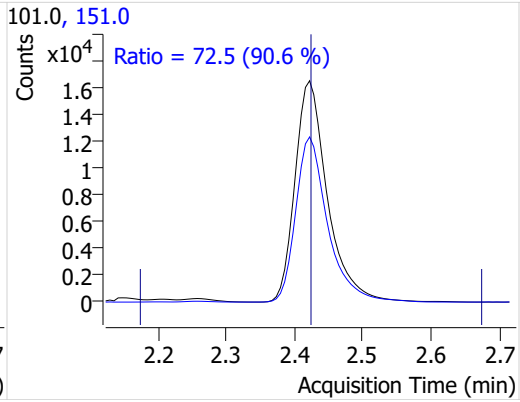


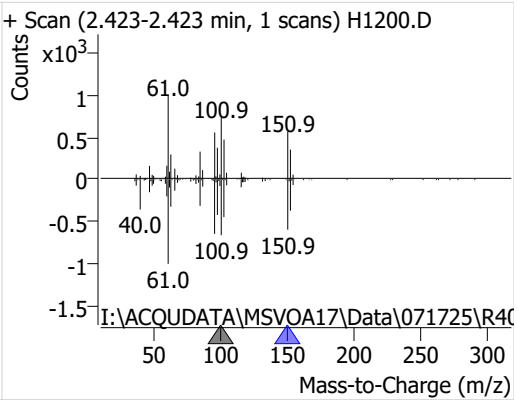




Freon 113

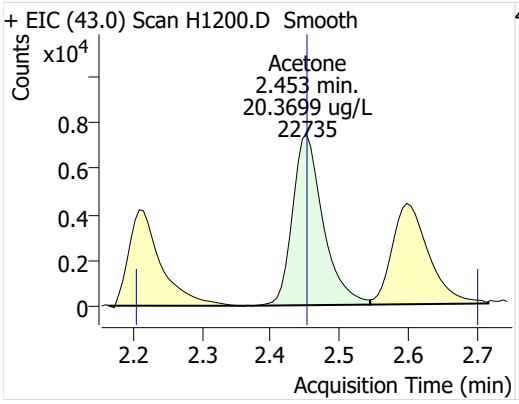


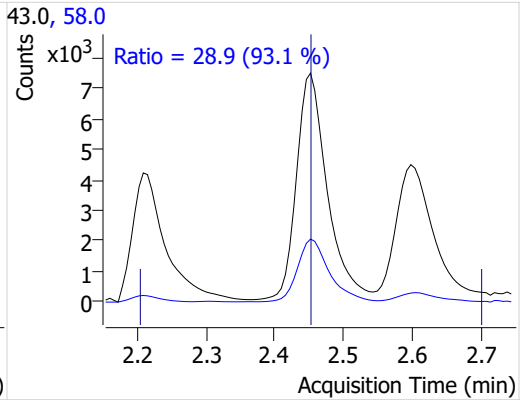


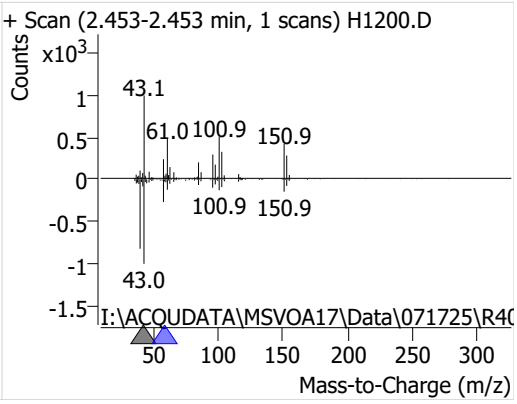


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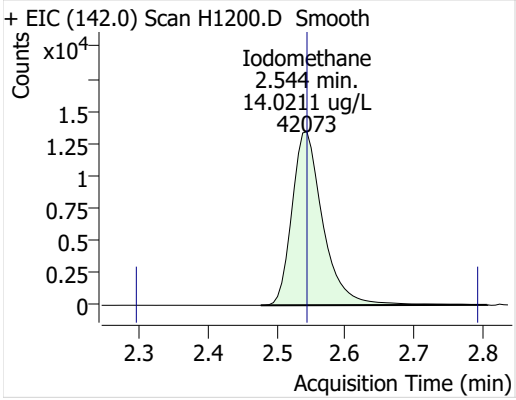
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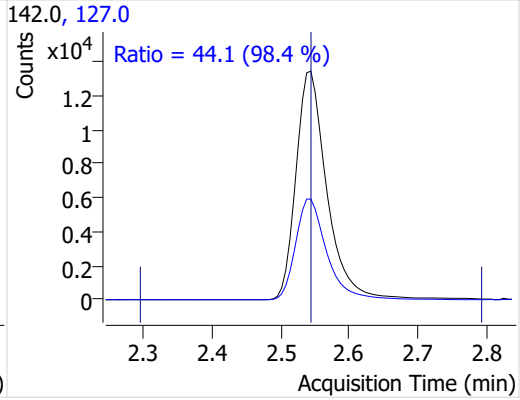


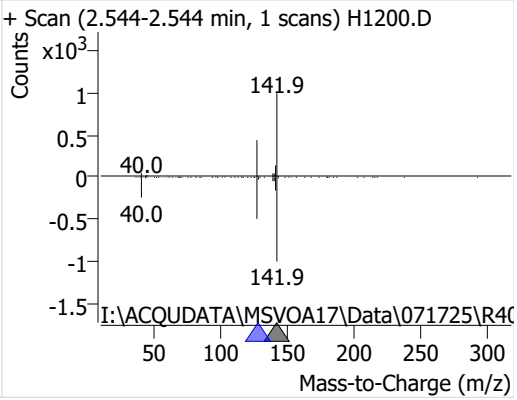




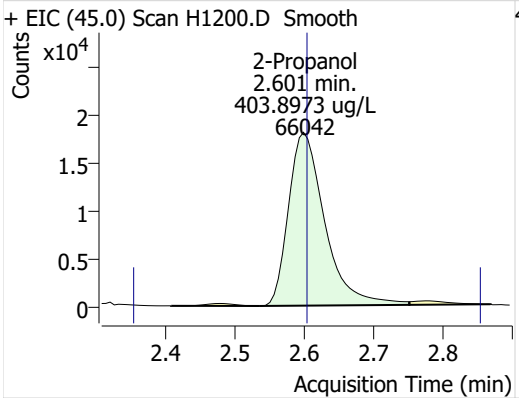
Iodomethane

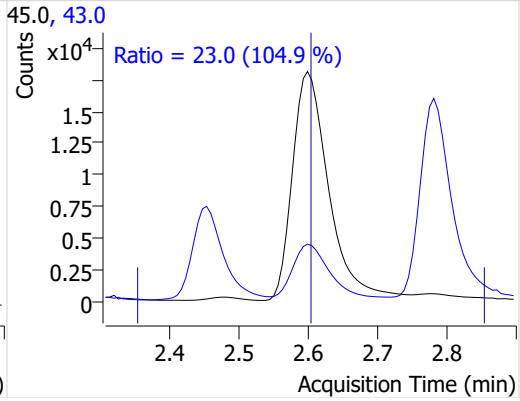


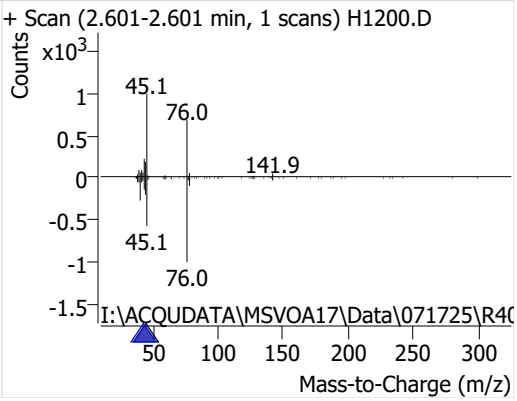




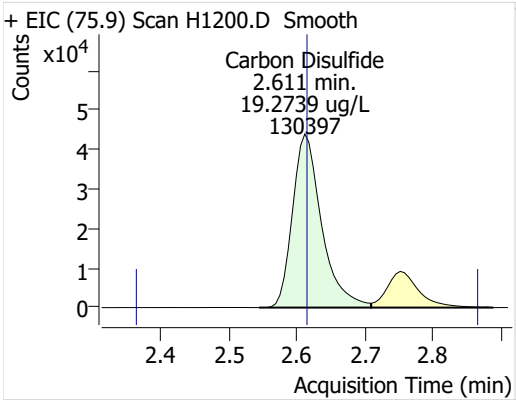
2-Propanol

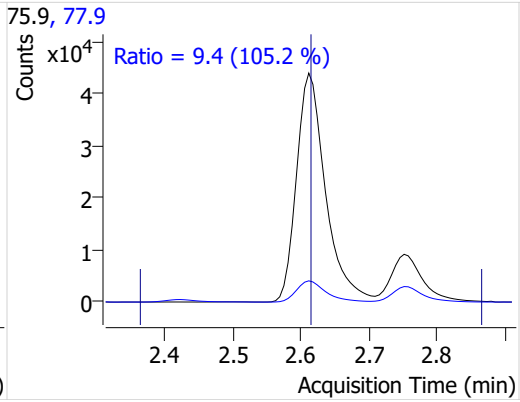


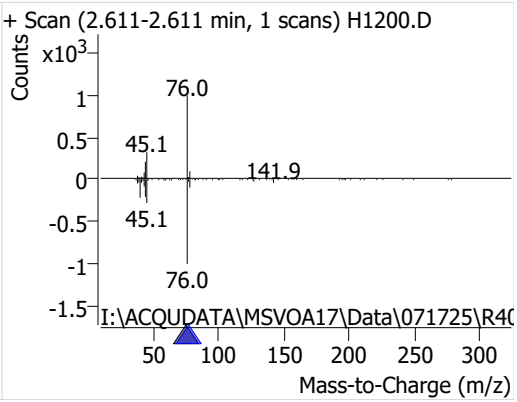




Carbon Disulfide

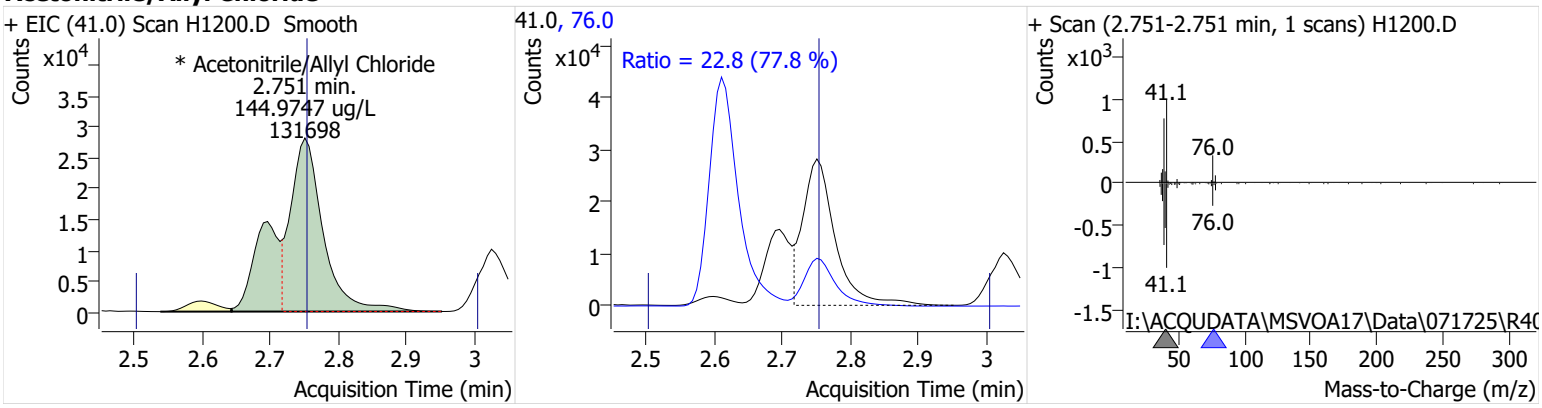




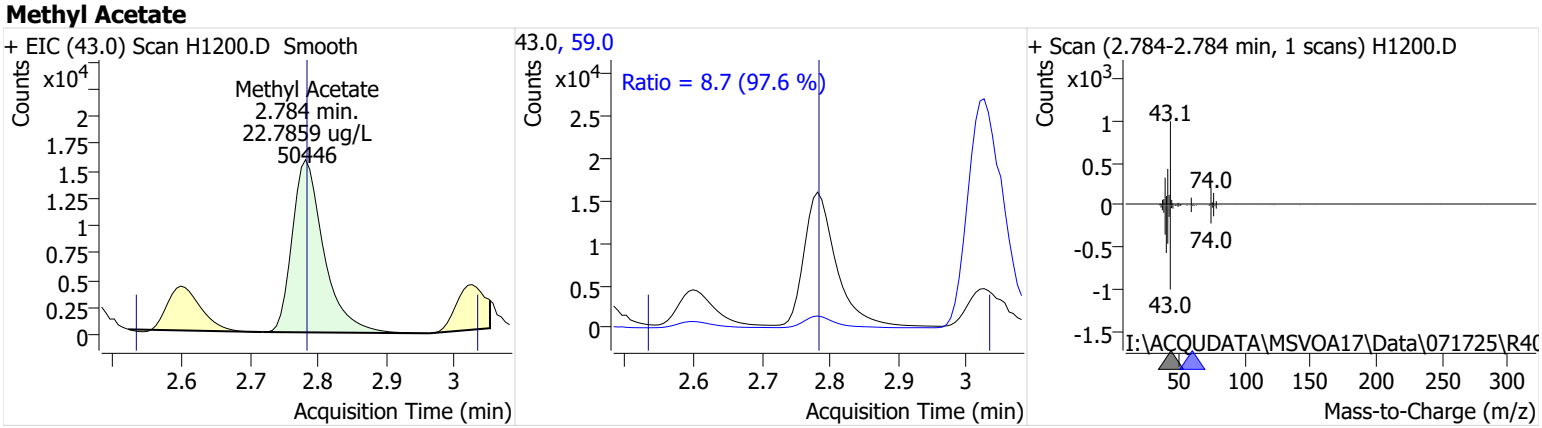


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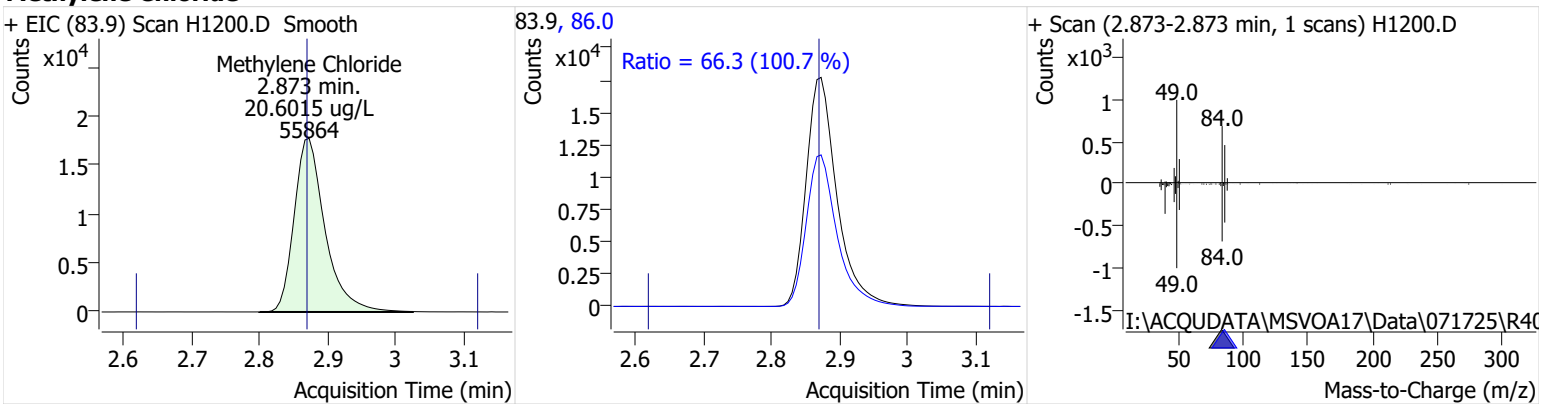
Acetonitrile/Allyl Chloride



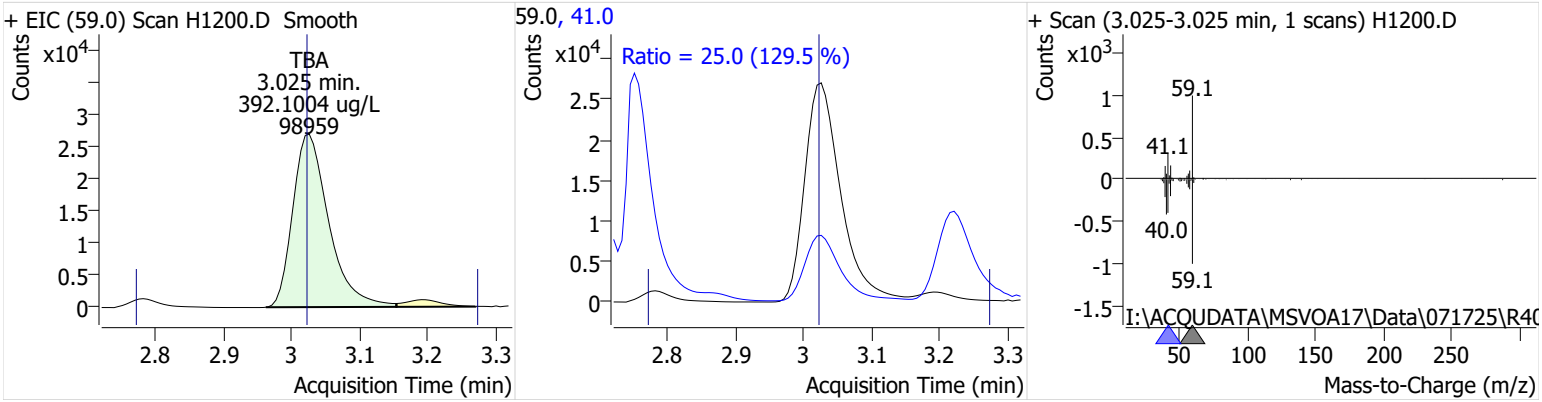
Methyl Acetate



Methylene Chloride

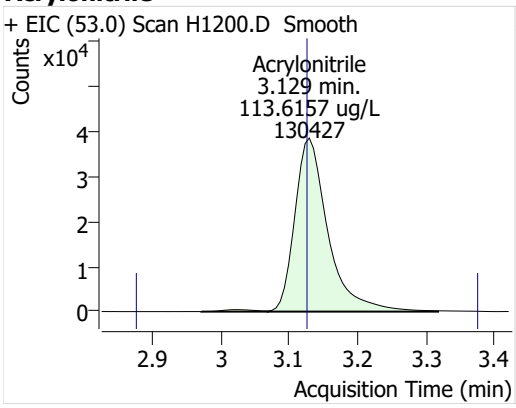


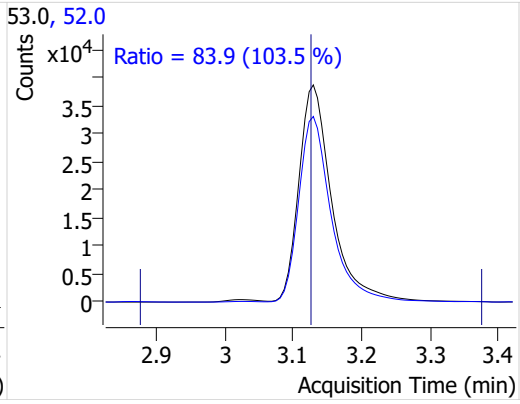
TBA

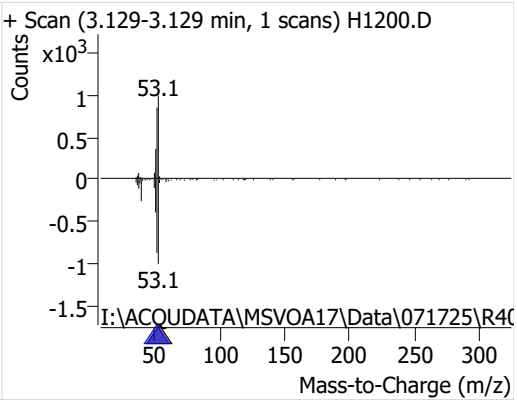


Masshunter Quantitative Analysis Sample Report

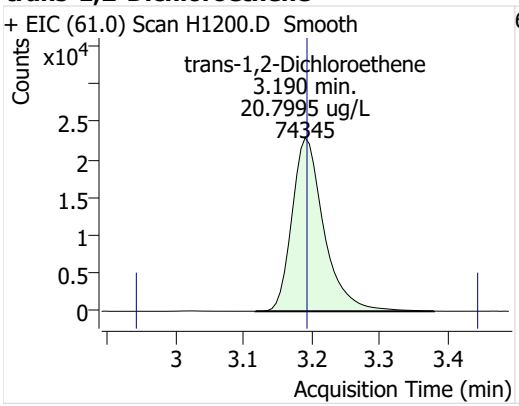
Acrylonitrile

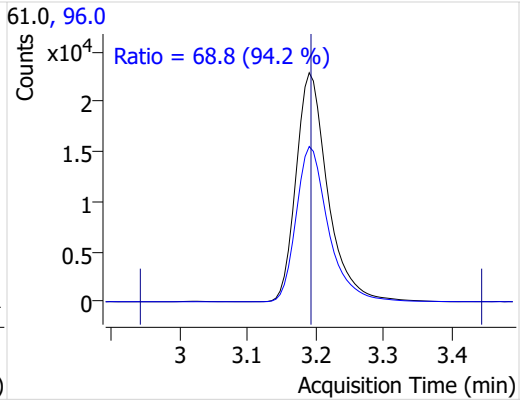


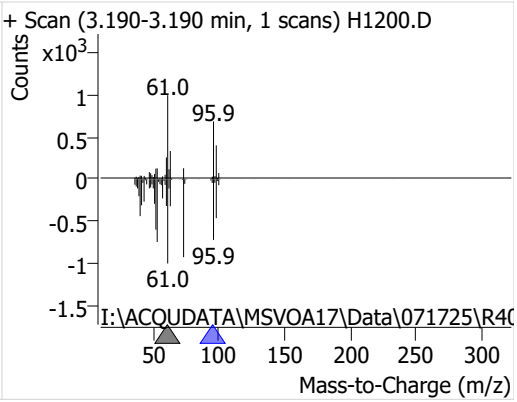




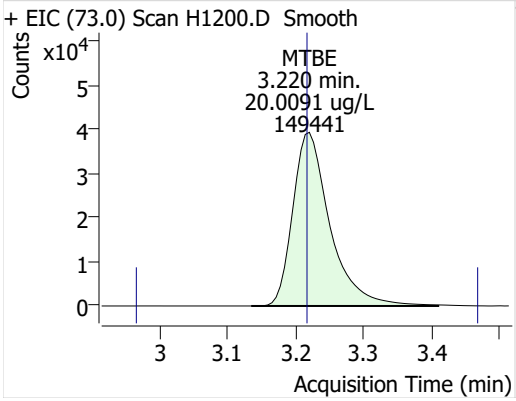
trans-1,2-Dichloroethene

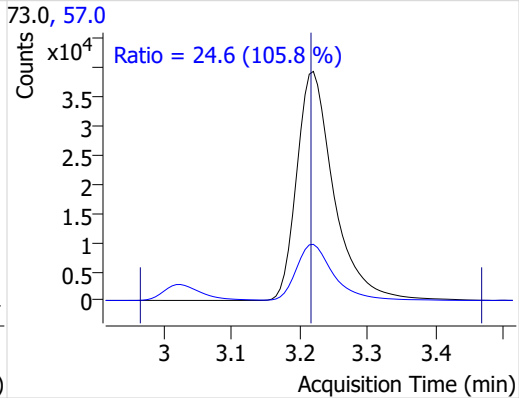


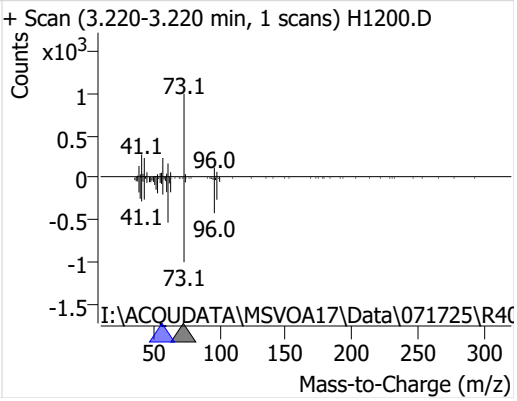




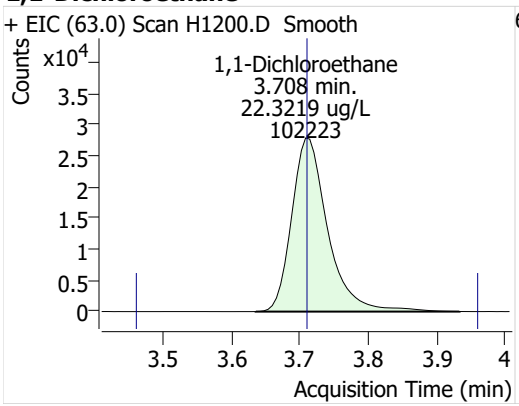
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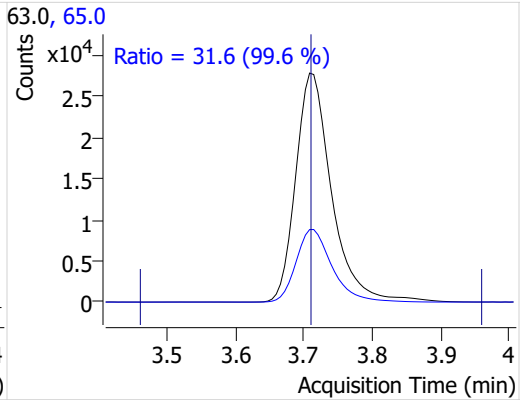


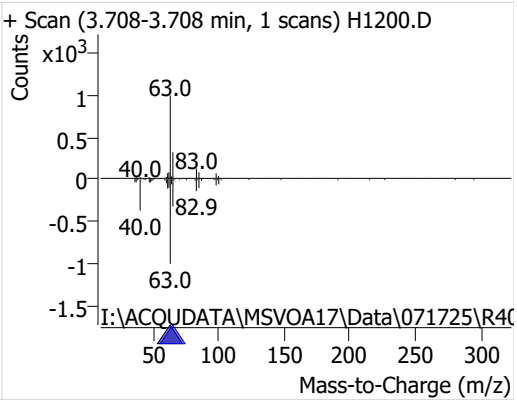




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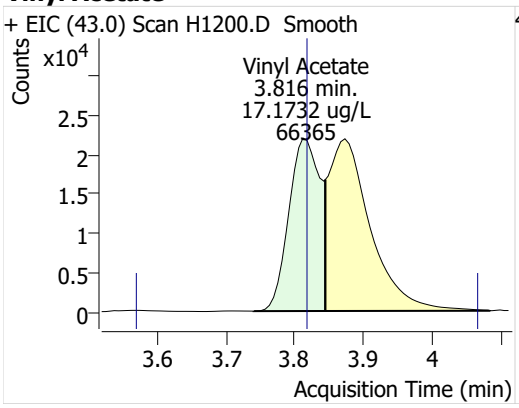


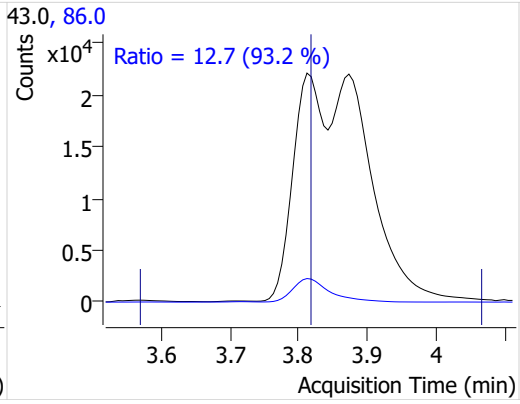


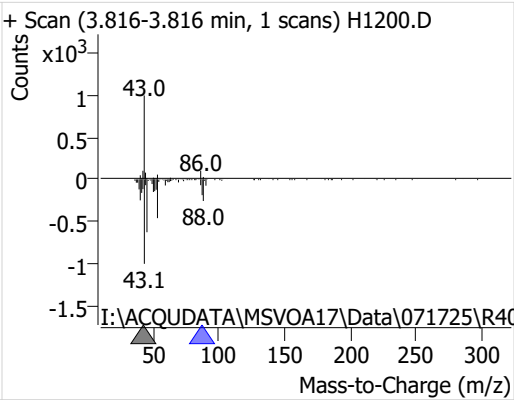


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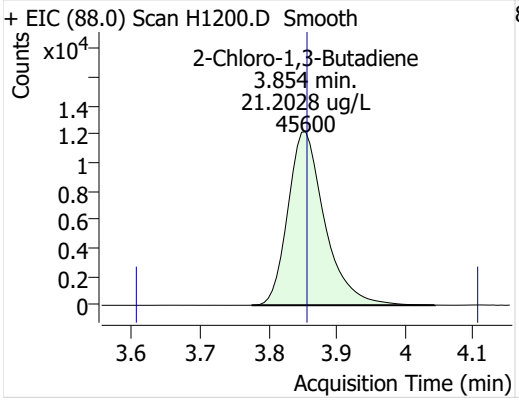
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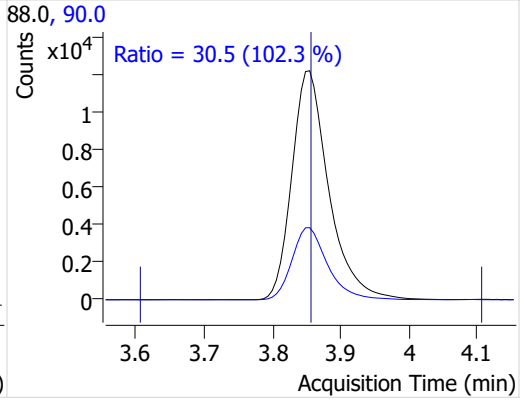


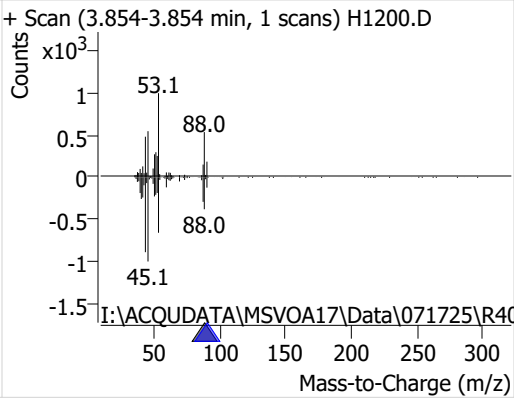




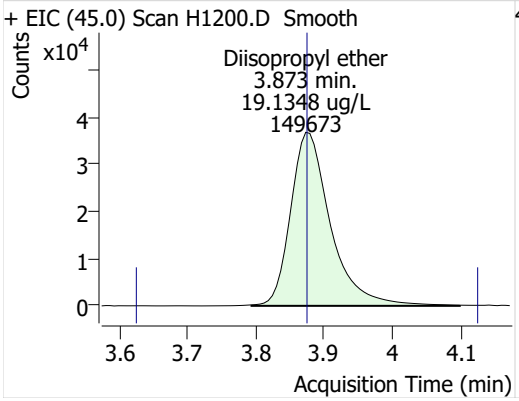
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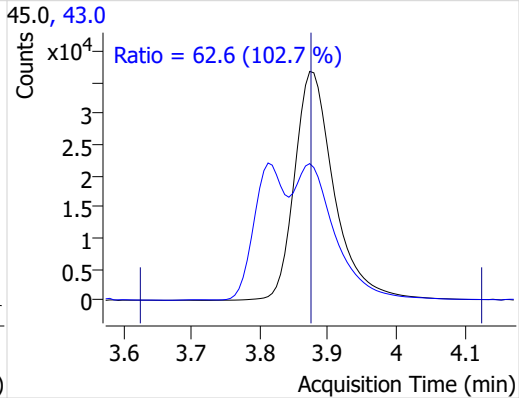


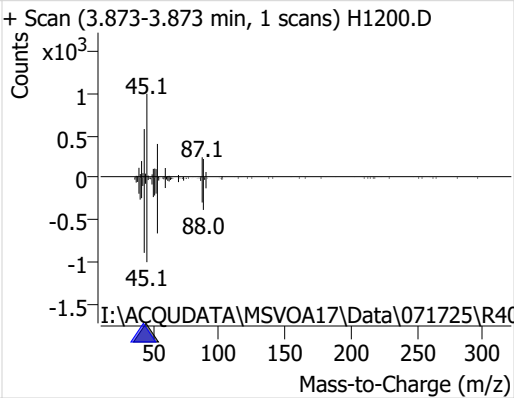




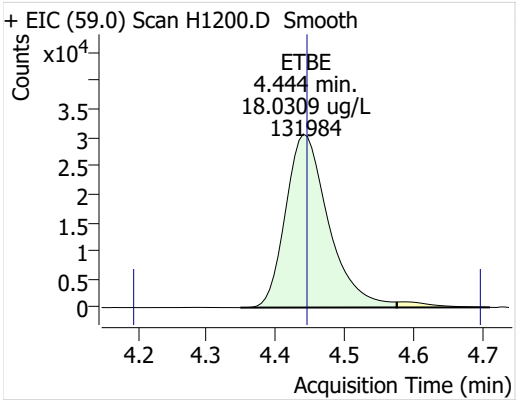
Diisopropyl ether

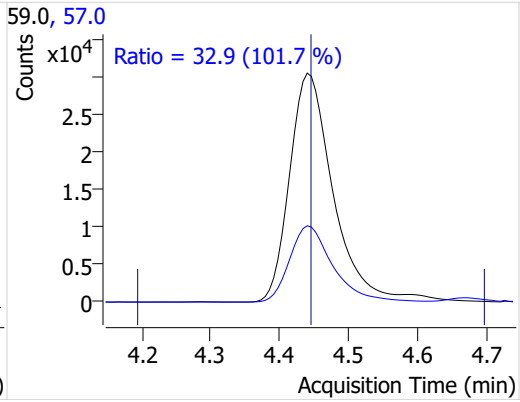


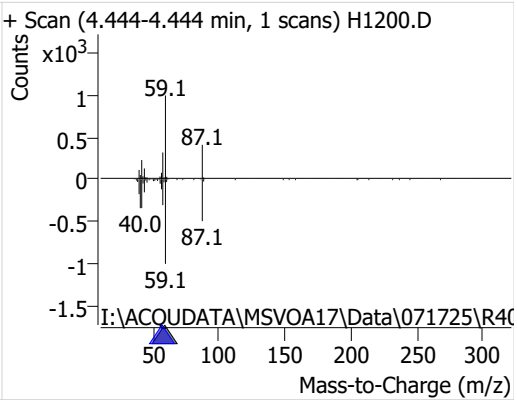




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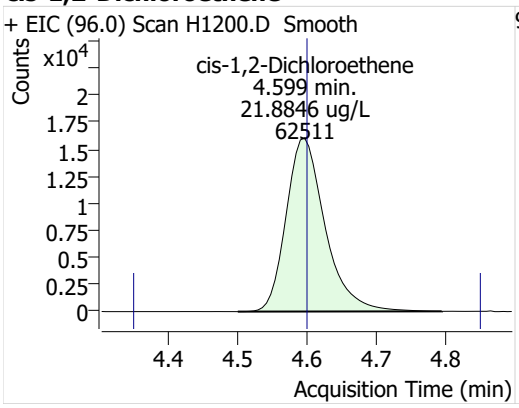


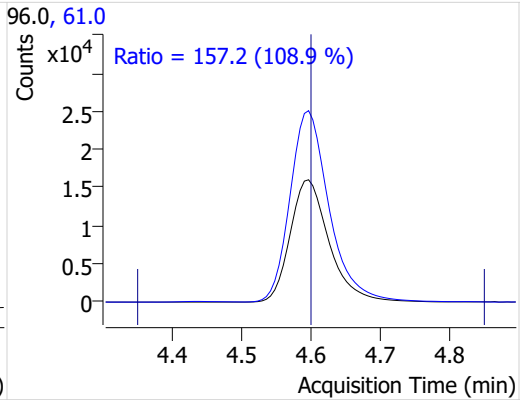


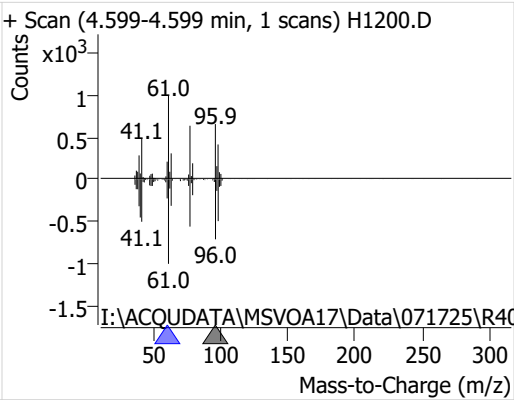


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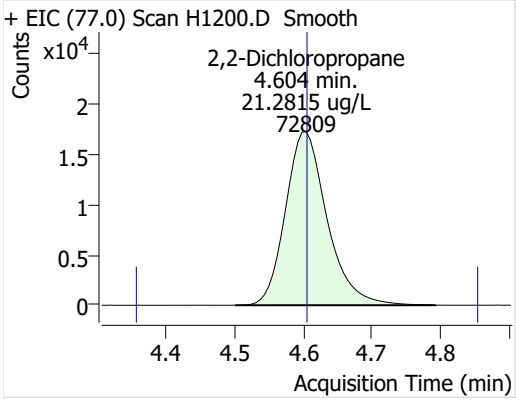
cis-1,2-Dichloroethene

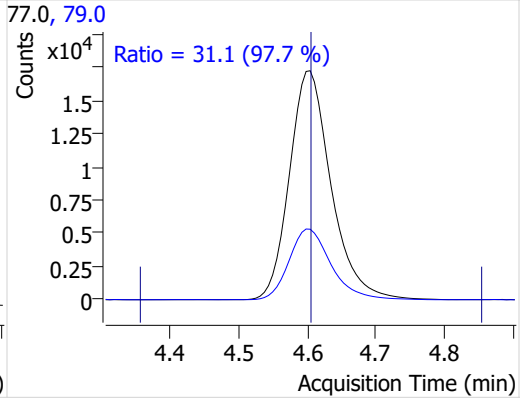


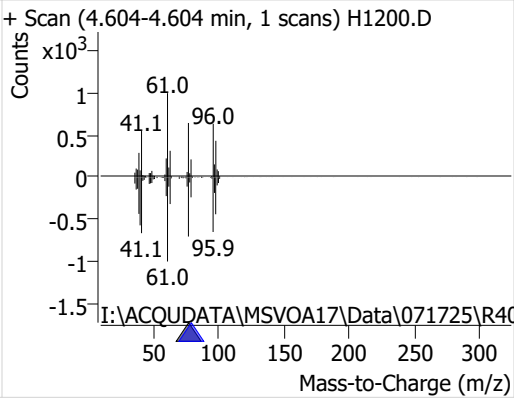




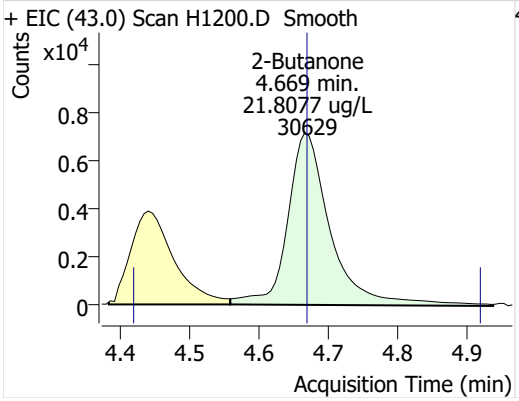
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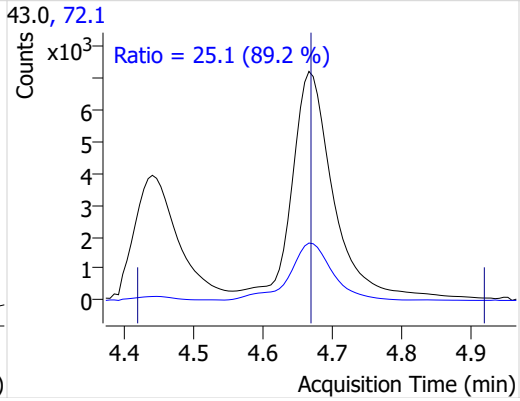


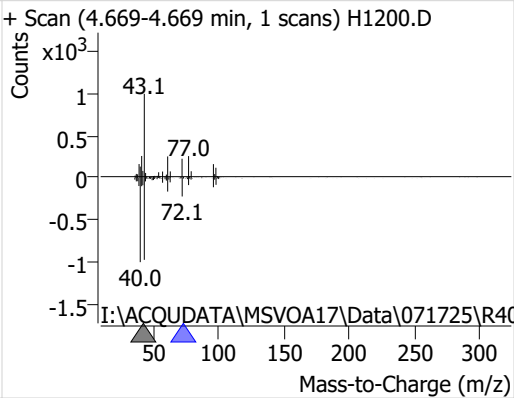




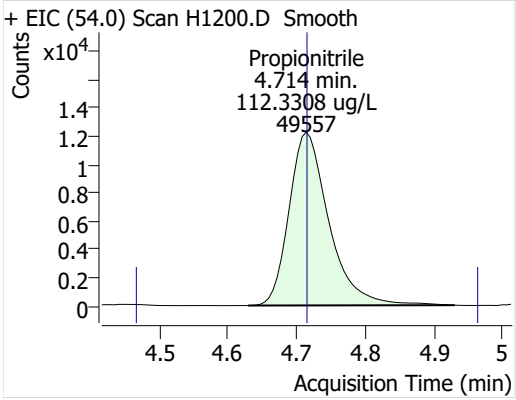
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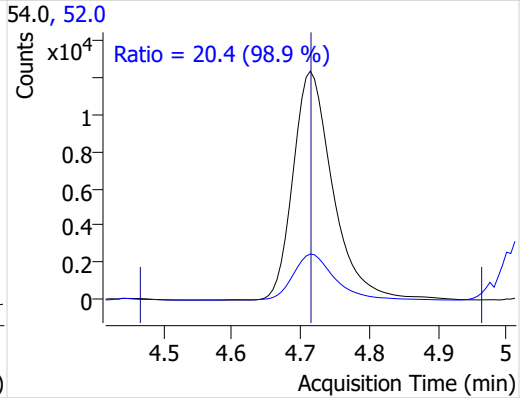


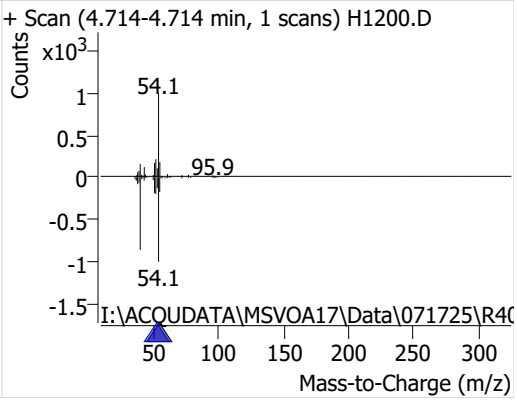




Propionitrile

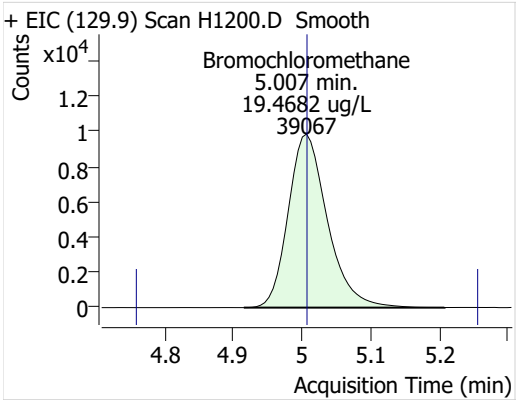


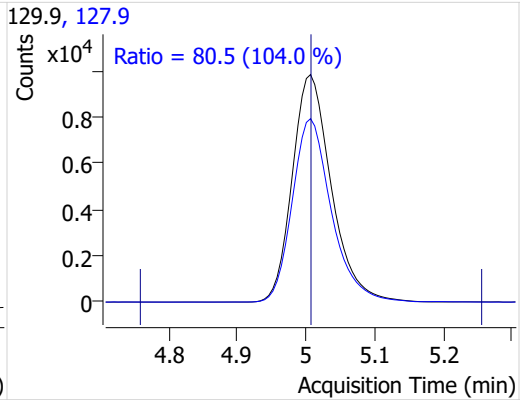


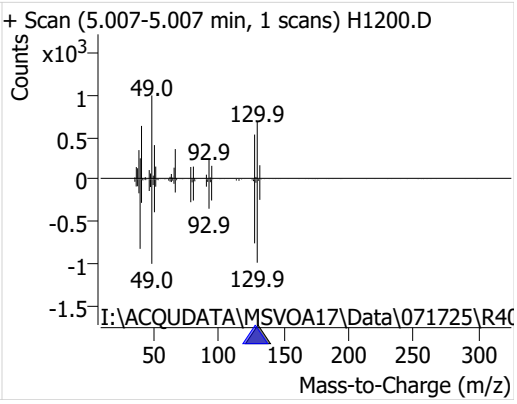


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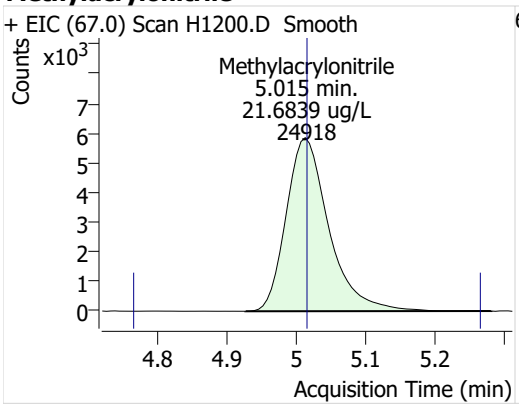
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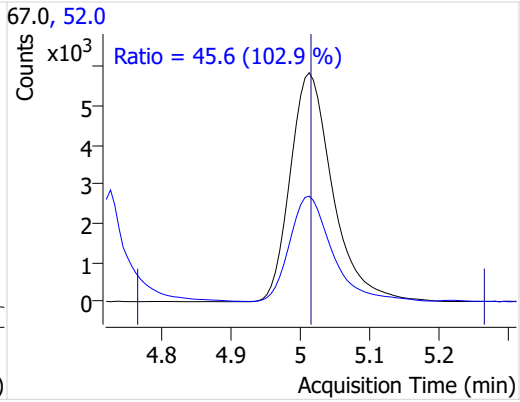


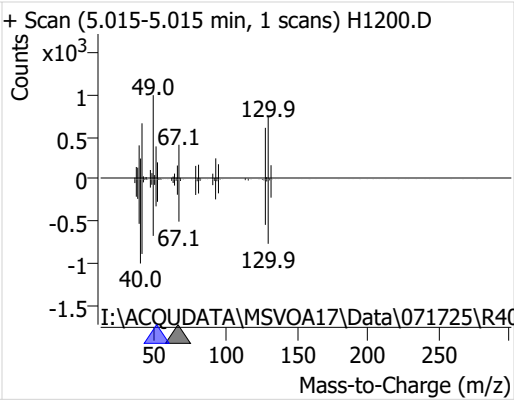




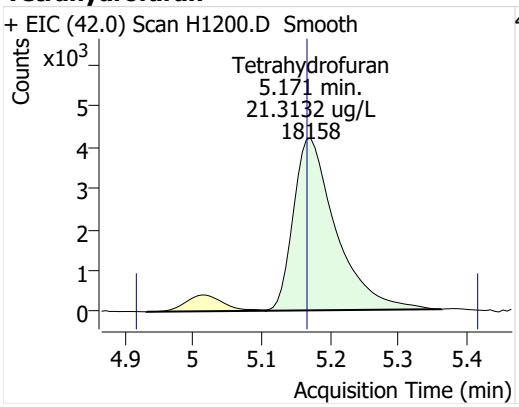
Methylacrylonitrile

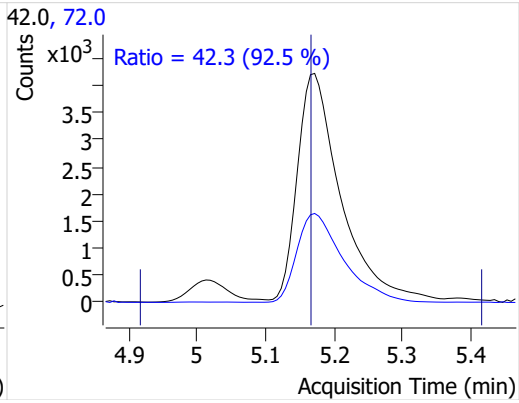


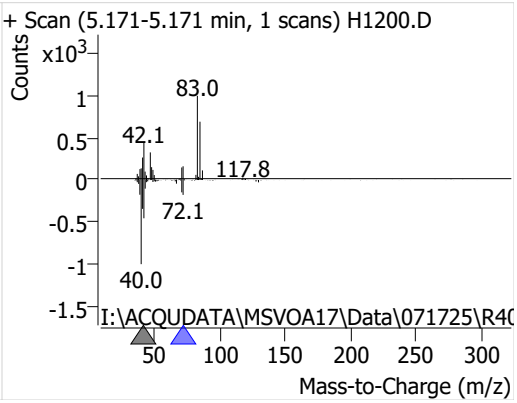




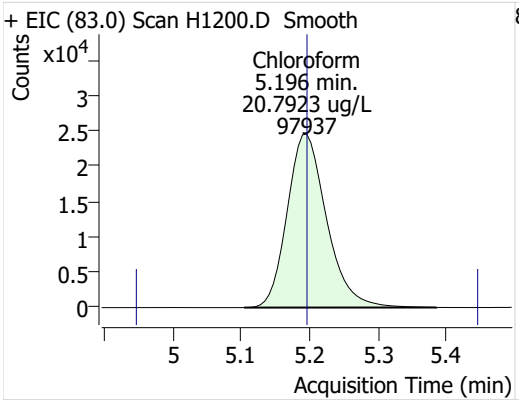
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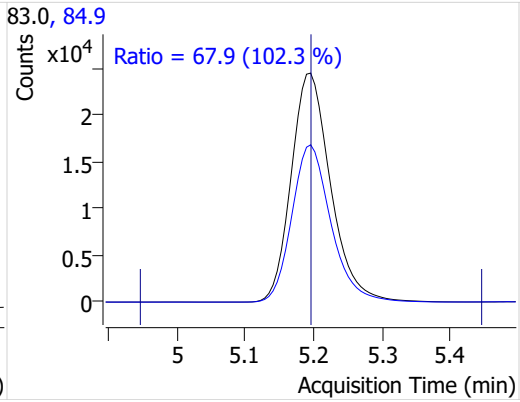


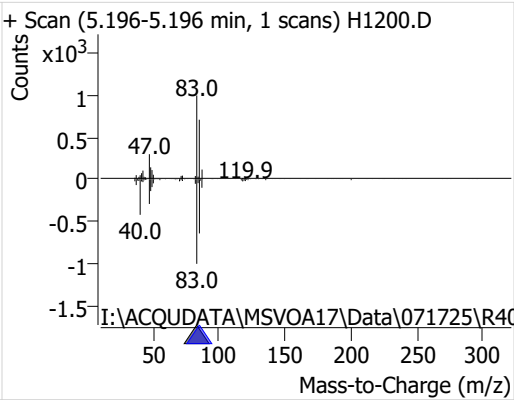




Chloroform

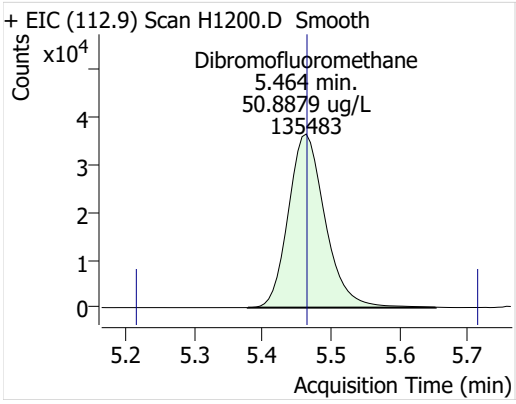


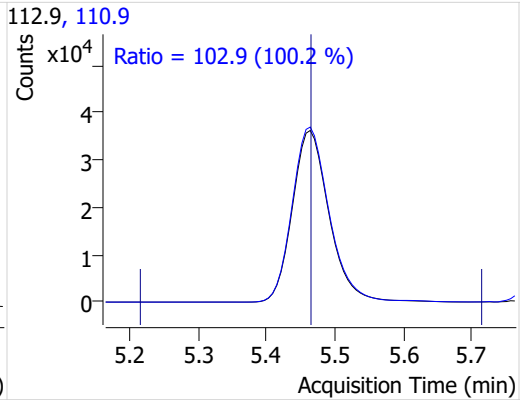


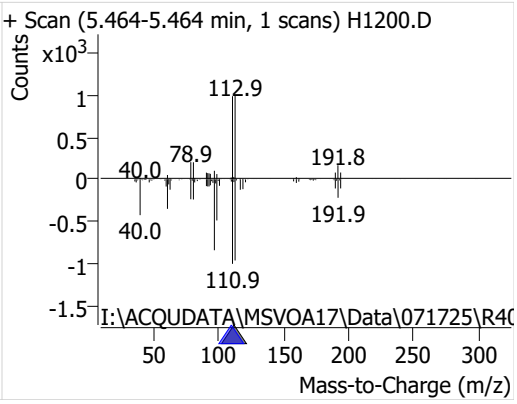


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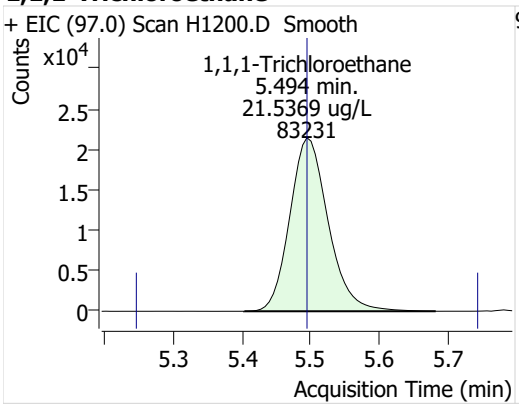
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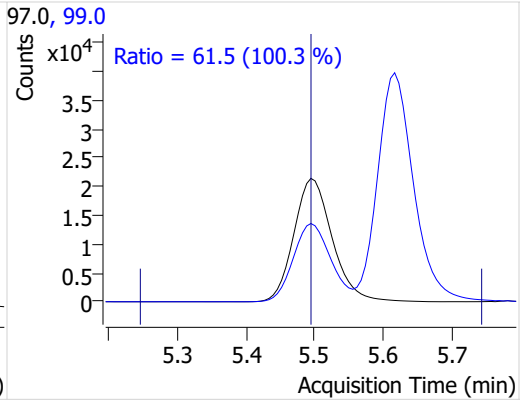


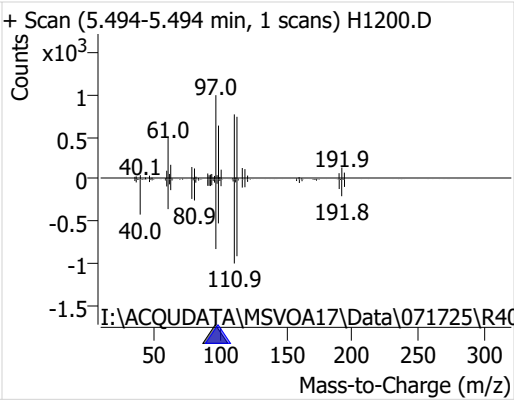




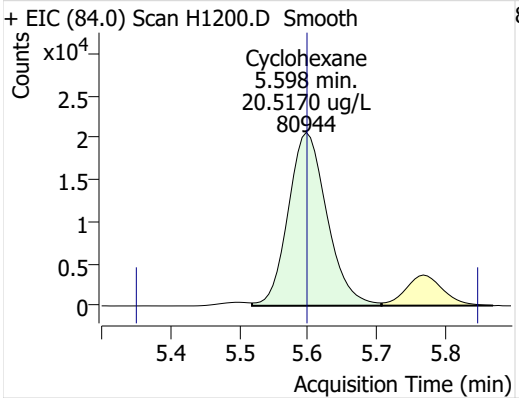
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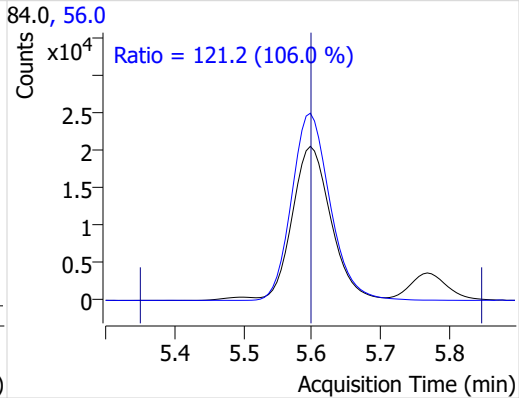


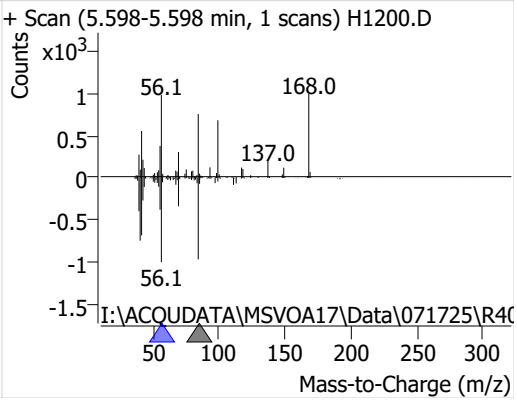




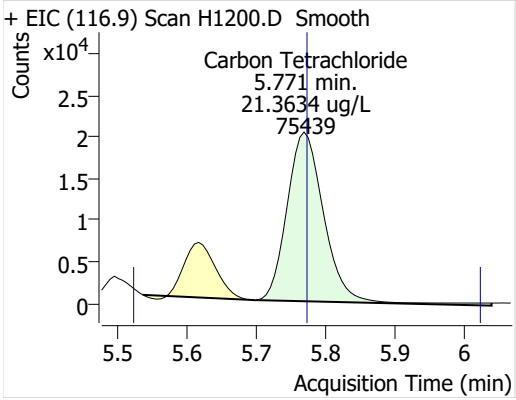
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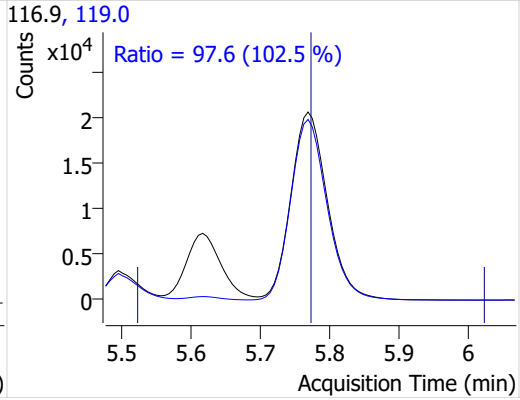


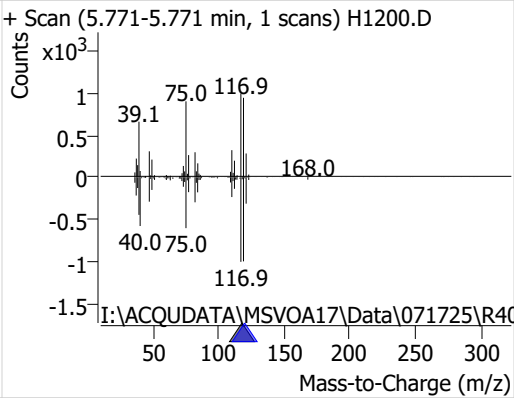




Carbon Tetrachloride

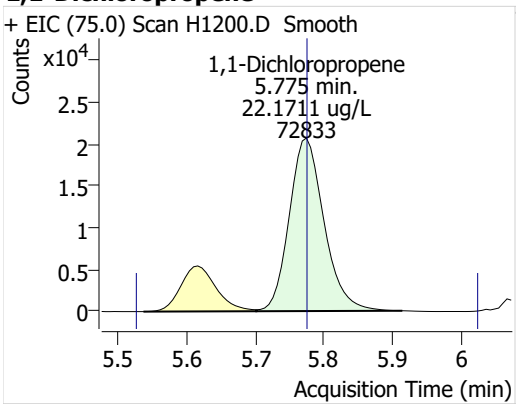


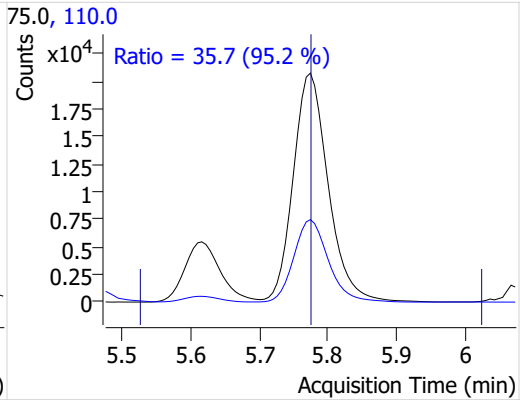


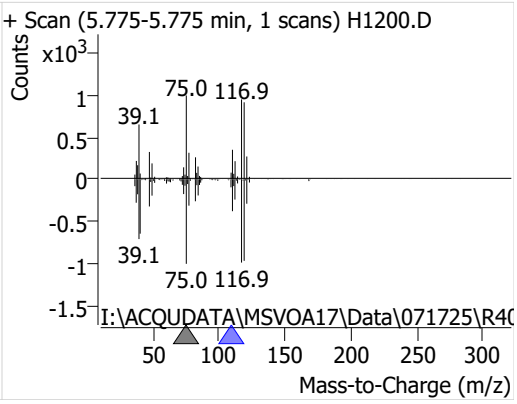


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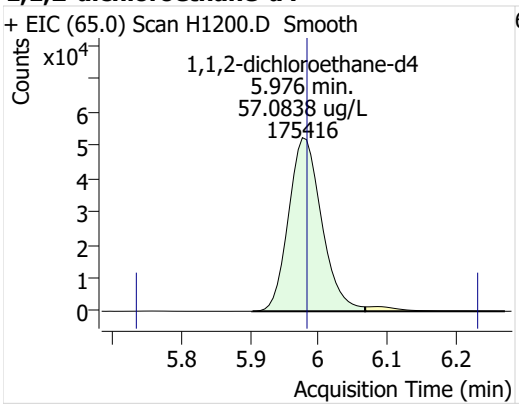
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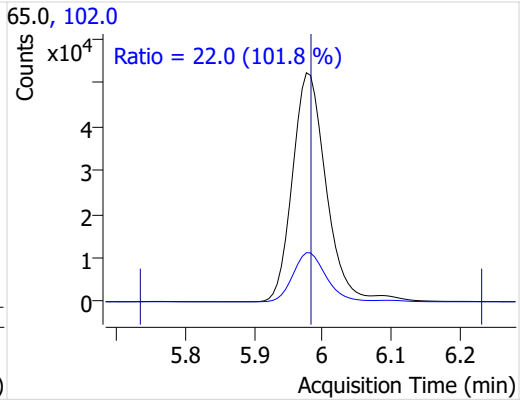


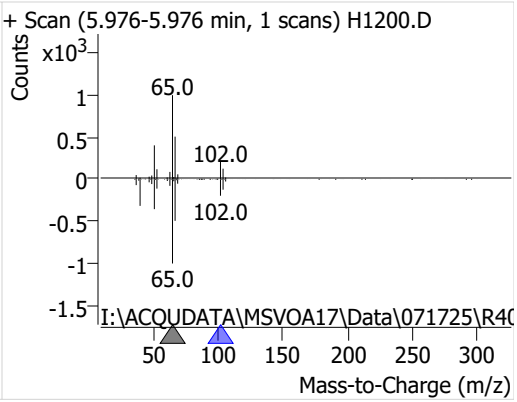




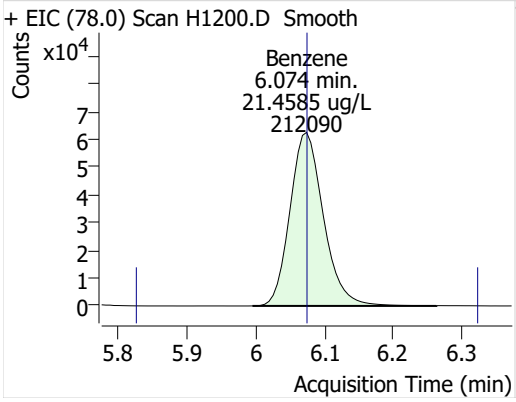
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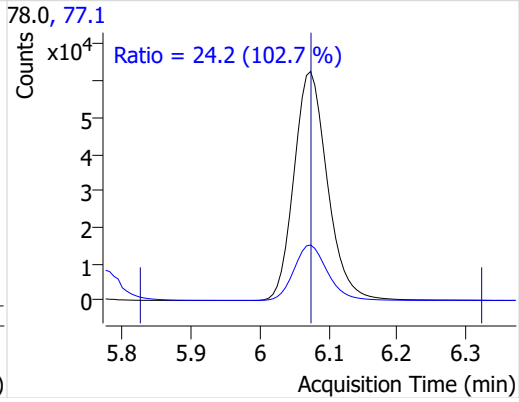


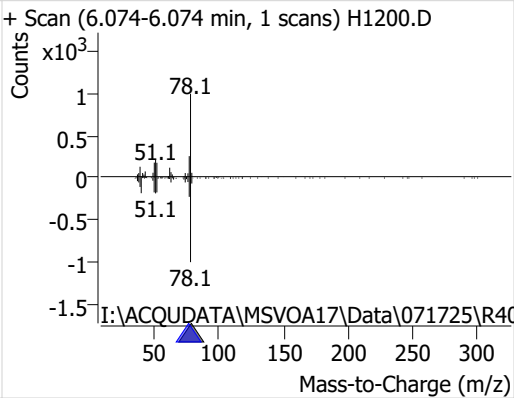




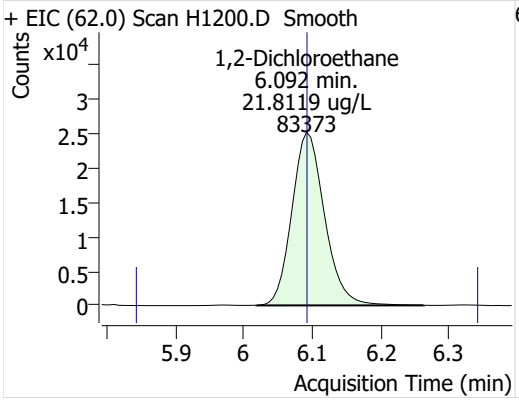
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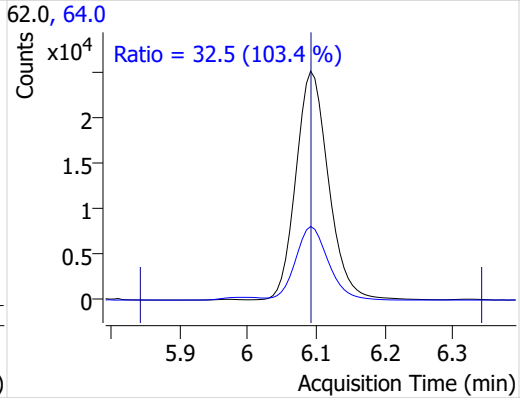


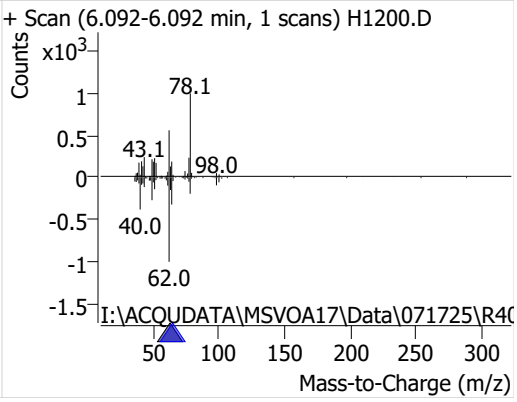




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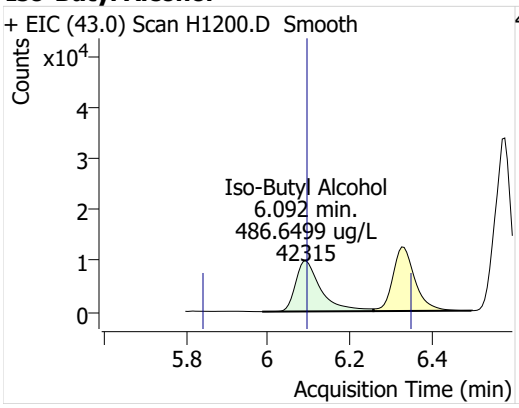


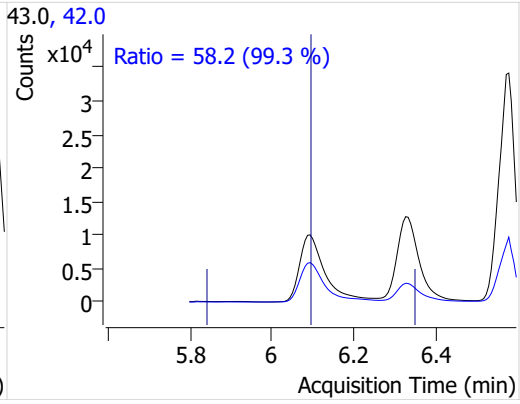


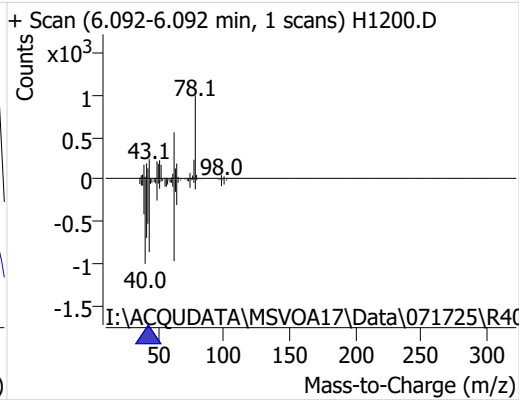


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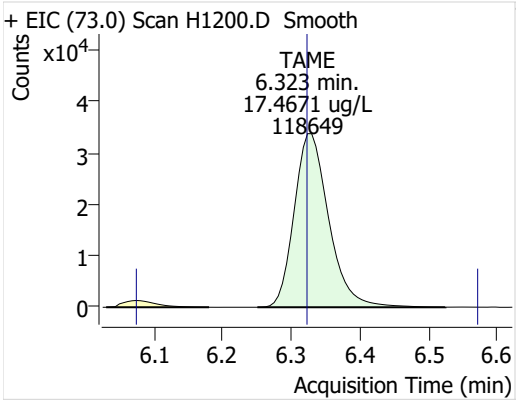
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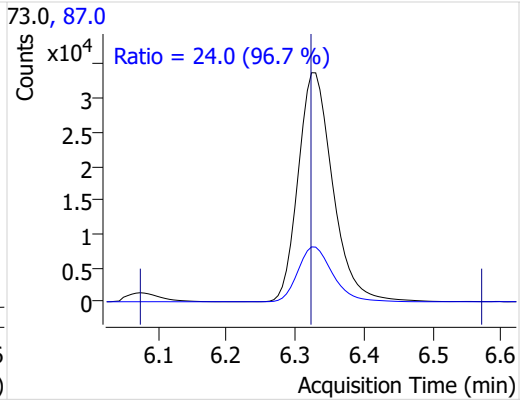


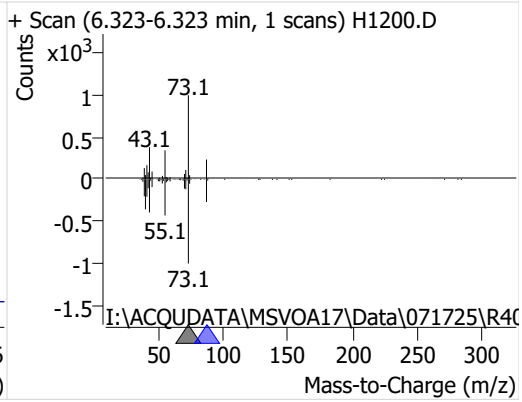




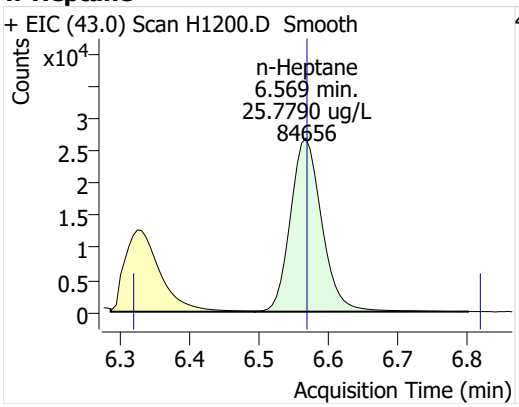
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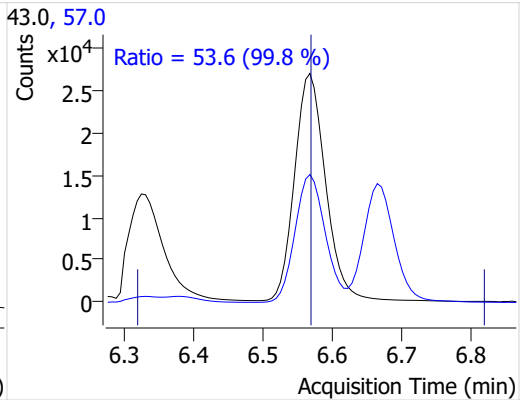


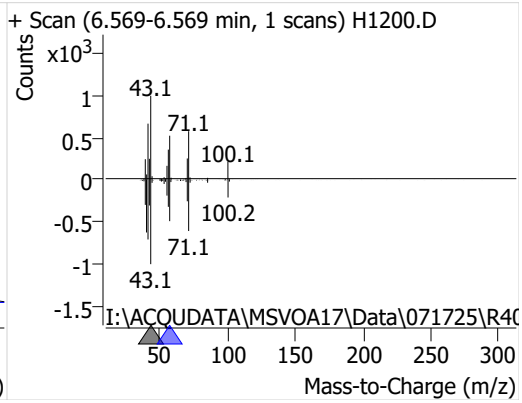




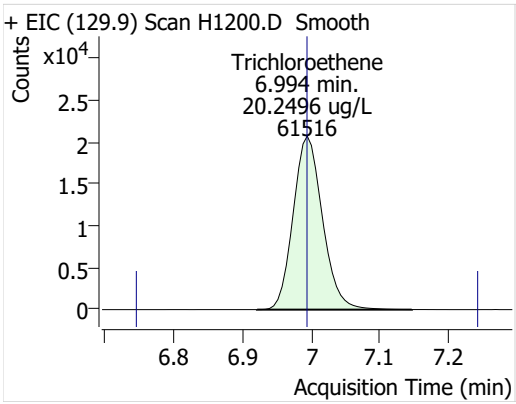
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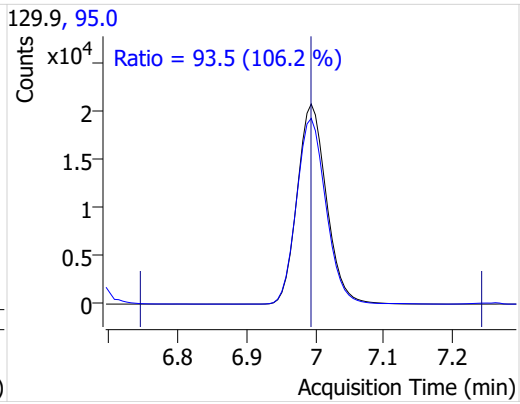


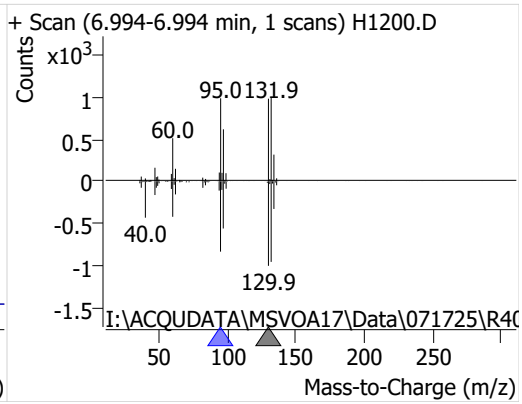




Trichloroethene

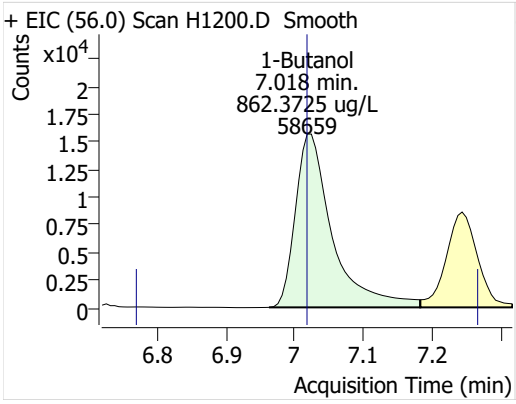


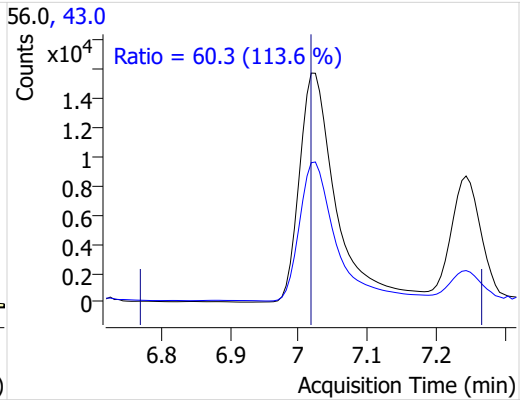


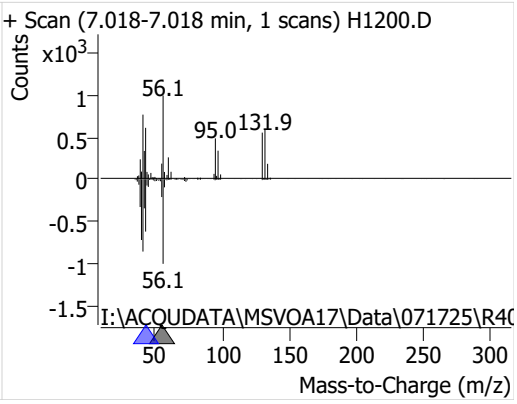


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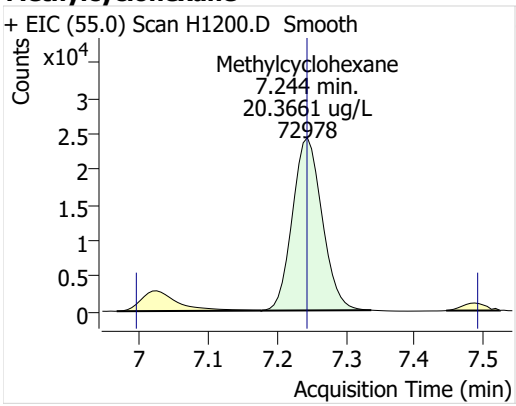
1-Butanol

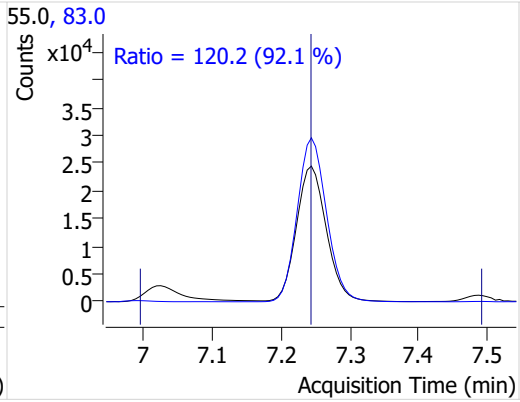


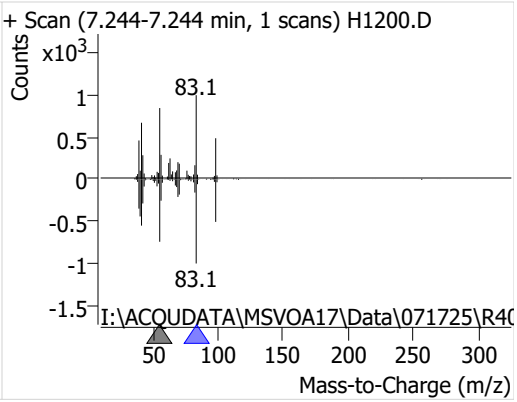




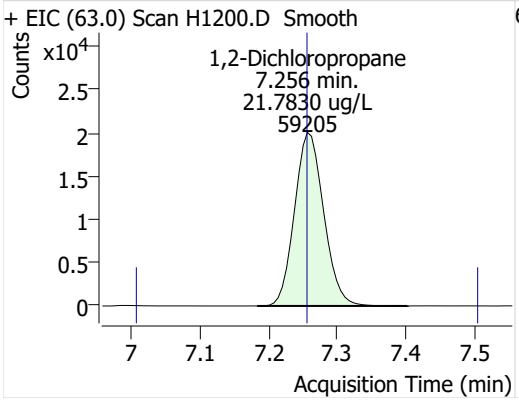
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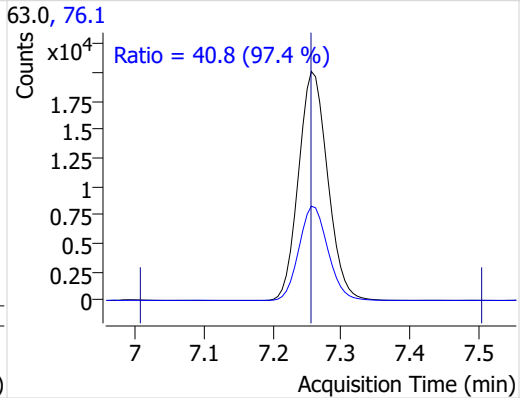


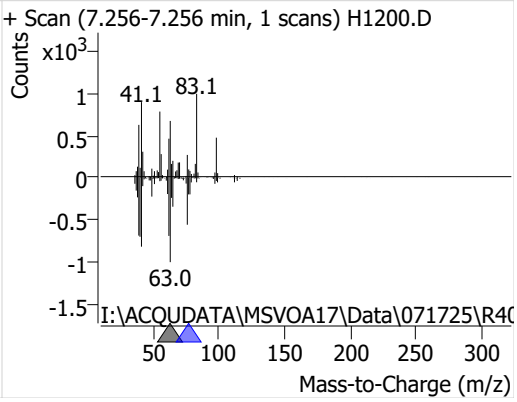




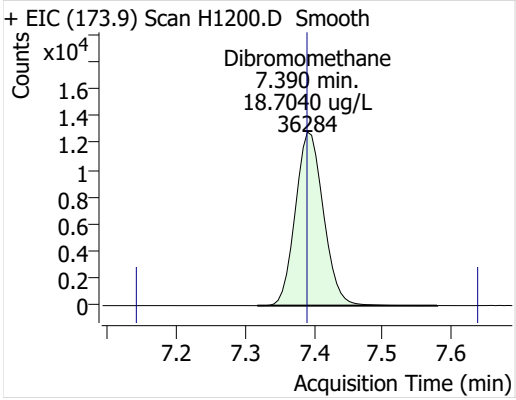
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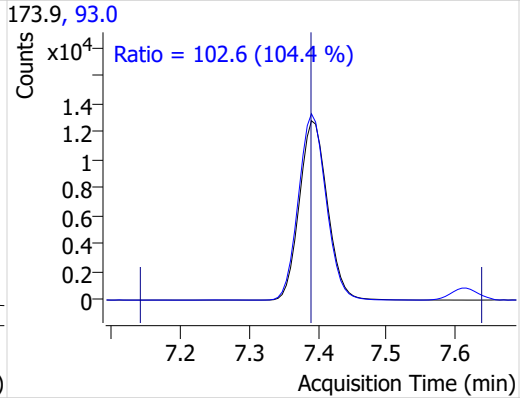


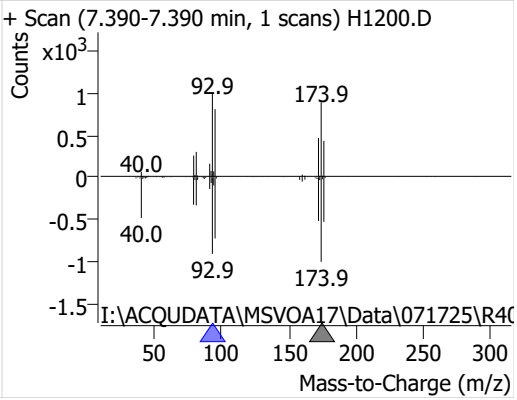




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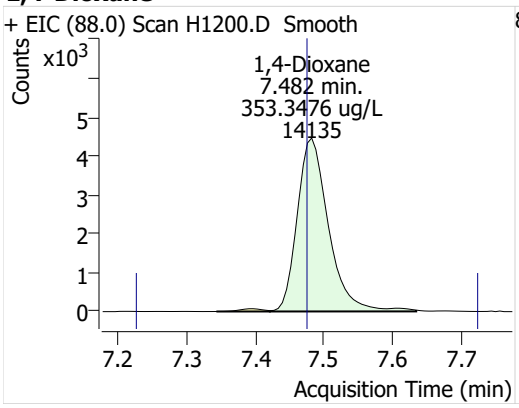


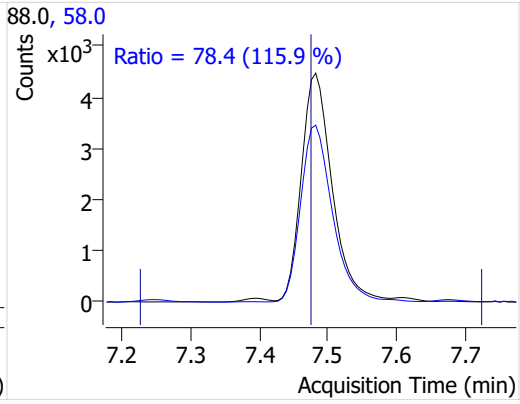


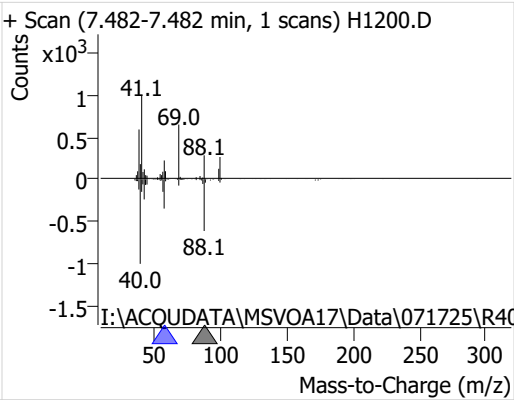


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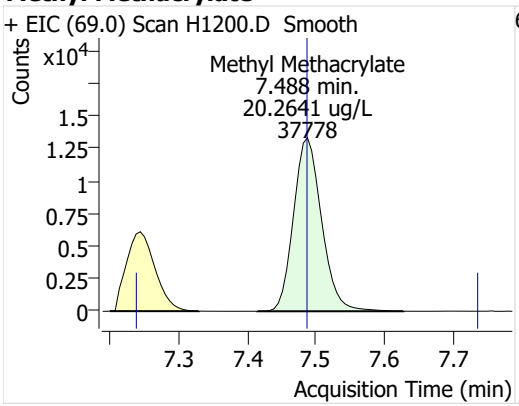
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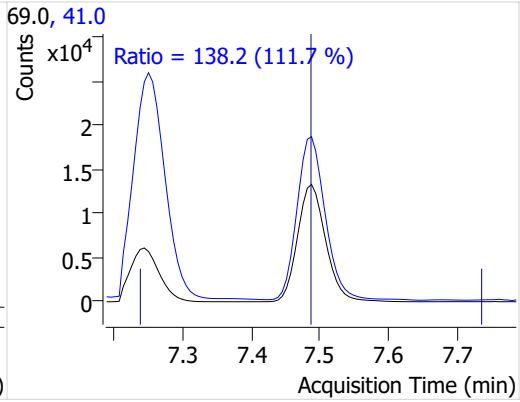


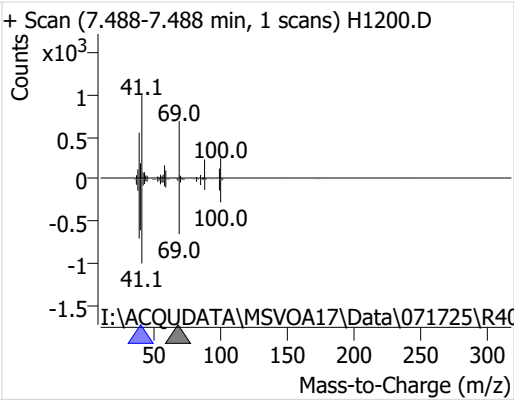




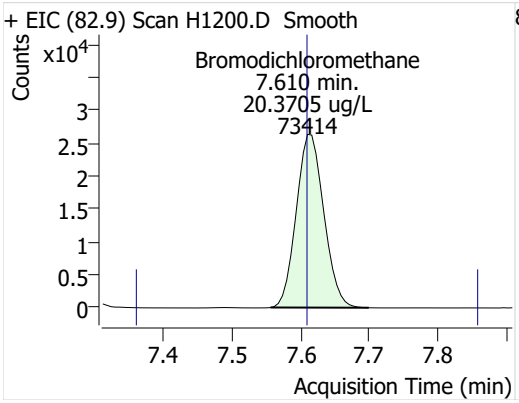
Methyl Methacrylate

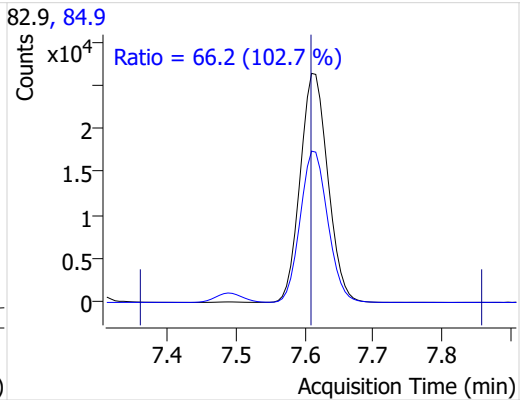


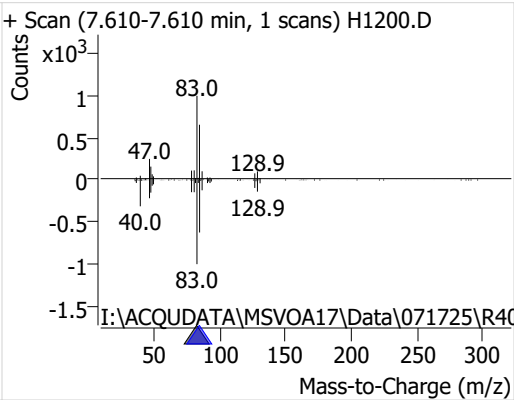




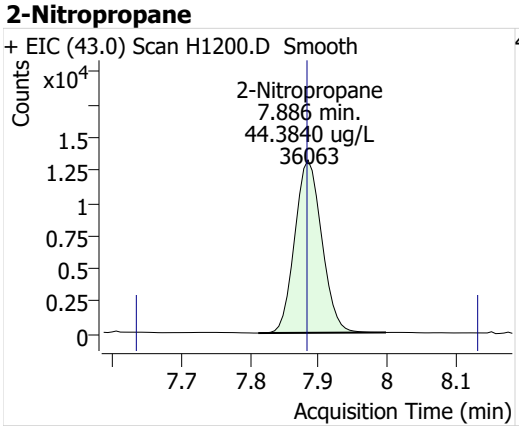
Bromodichloromethane

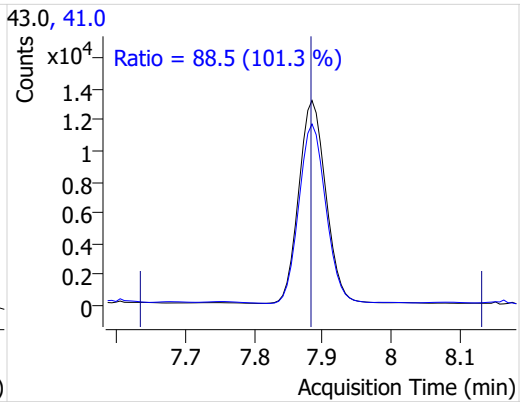


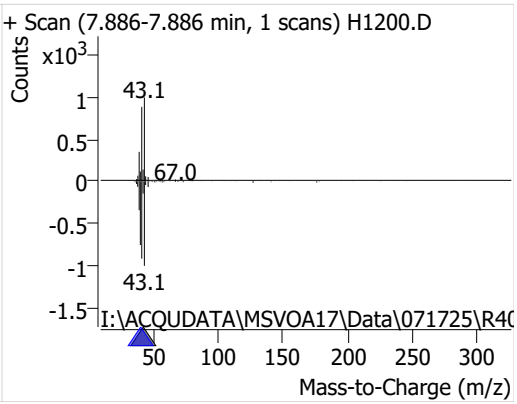




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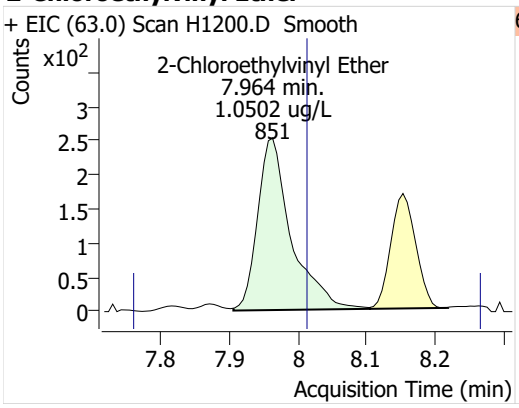


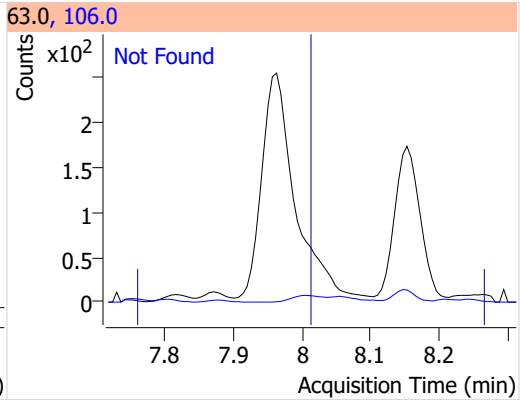


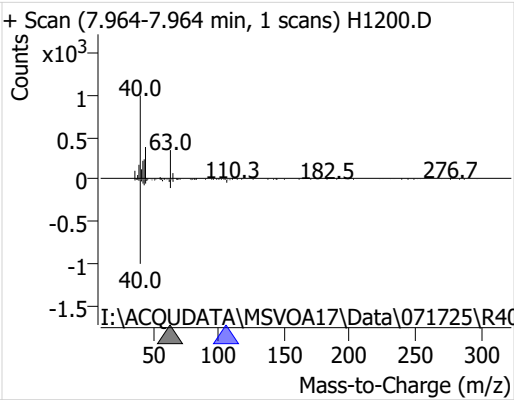


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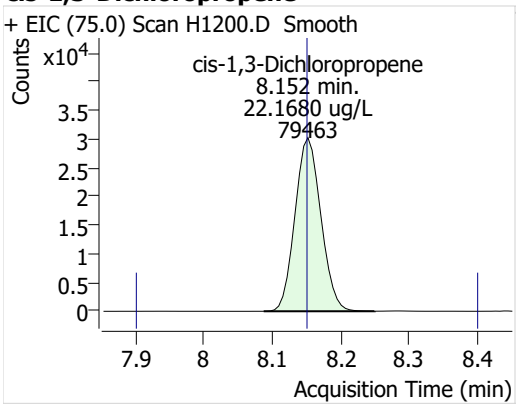
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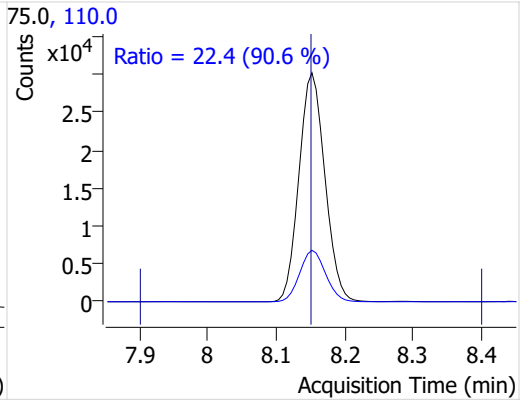


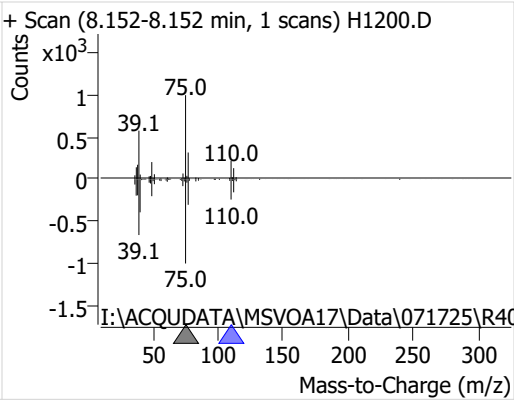




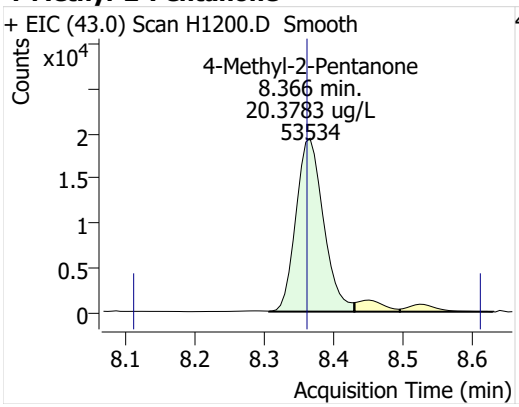
cis-1,3-Dichloropropene

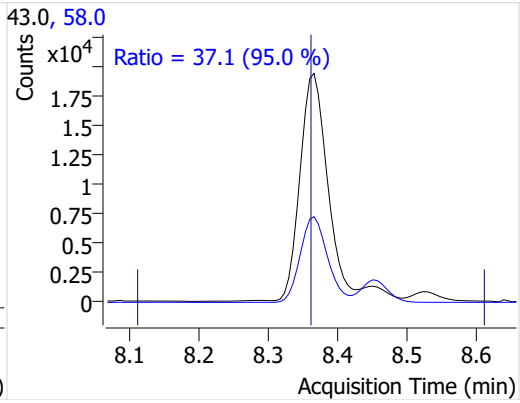


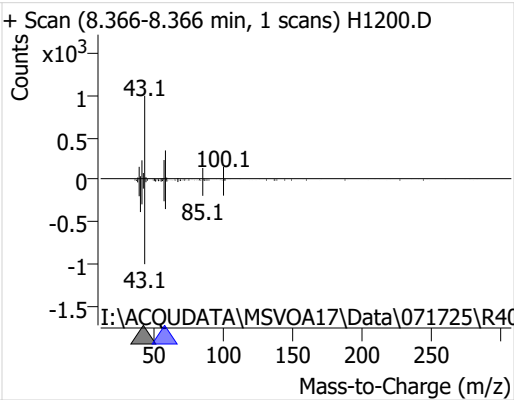




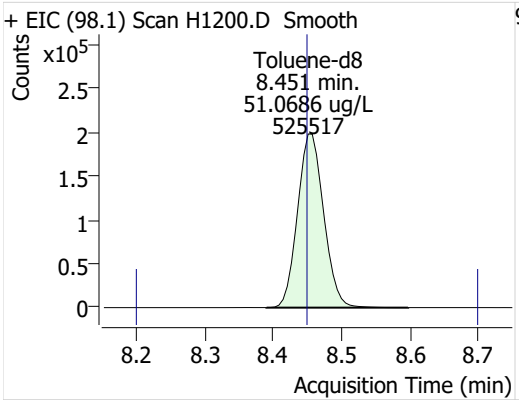
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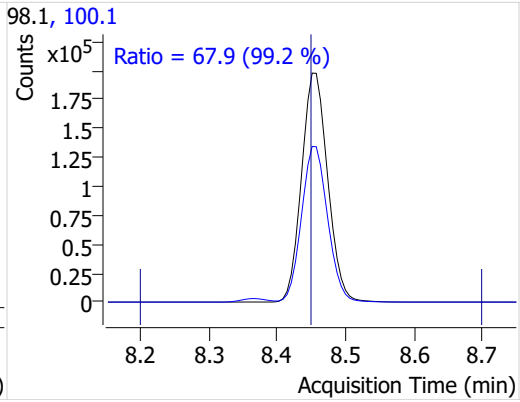


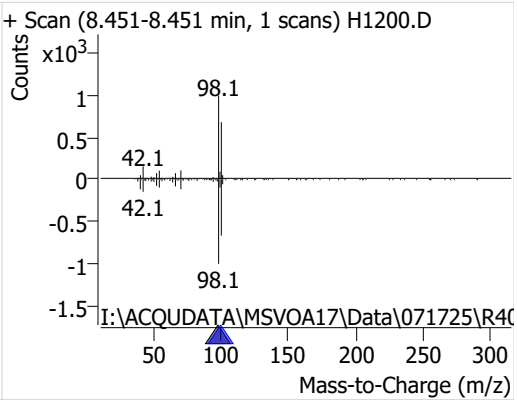




Toluene-d8

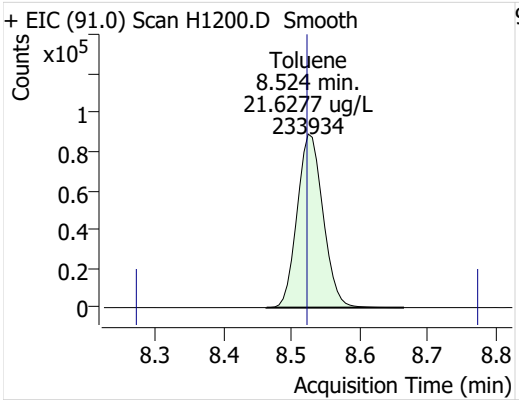


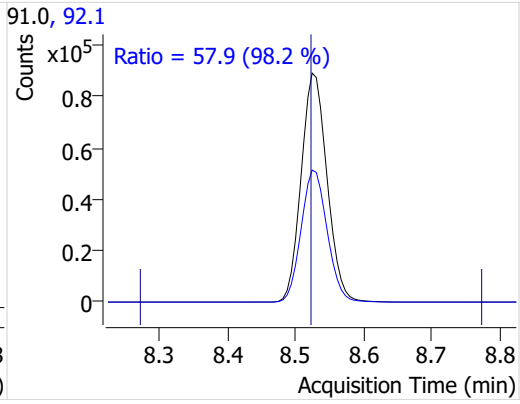


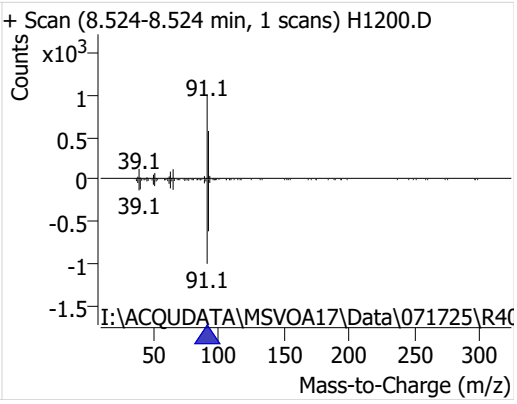


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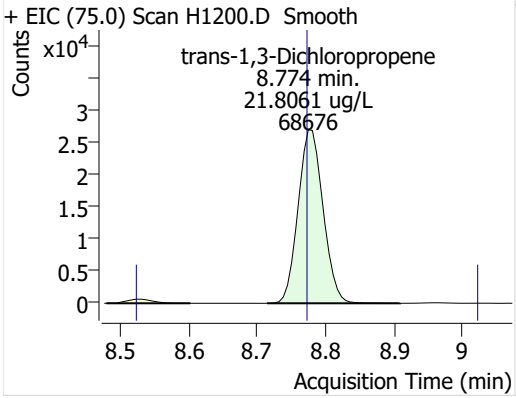
Toluene

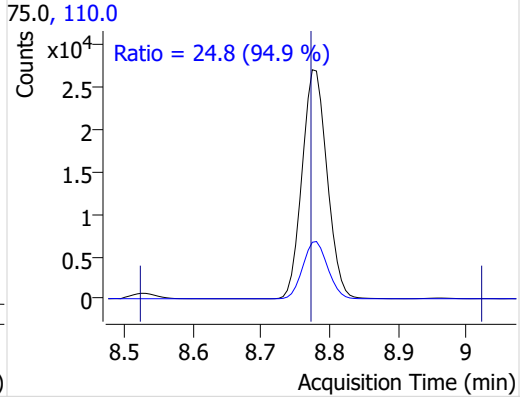


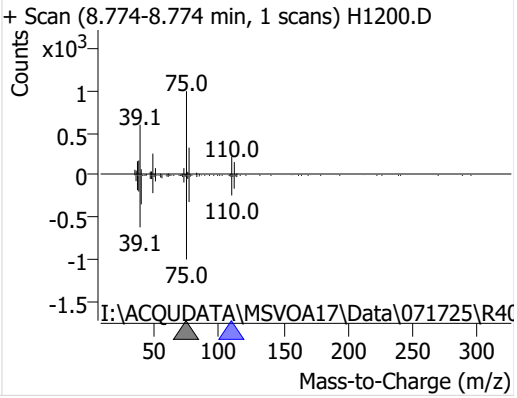




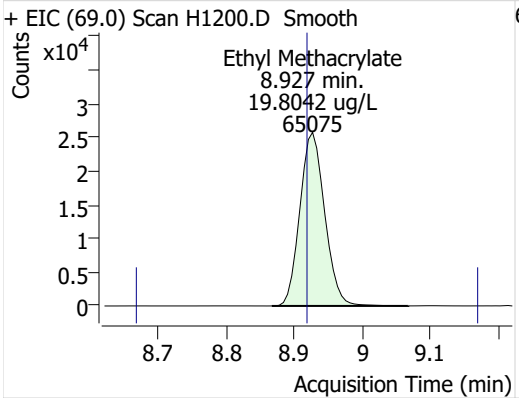
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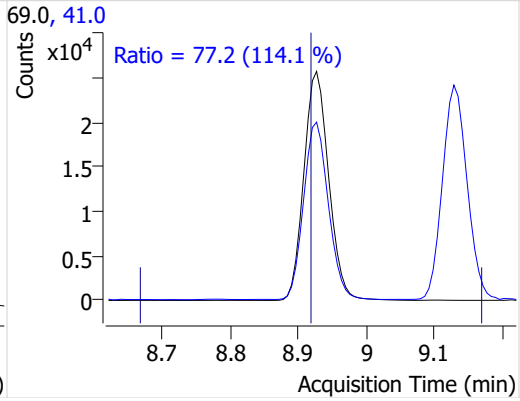


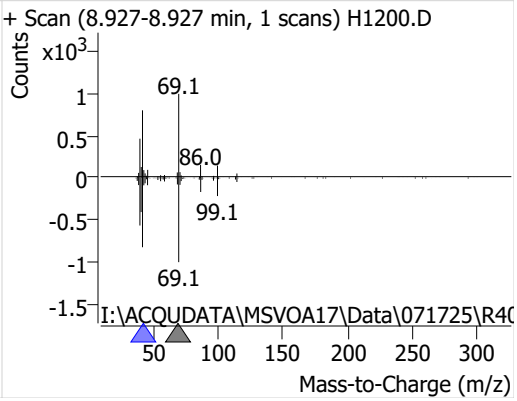




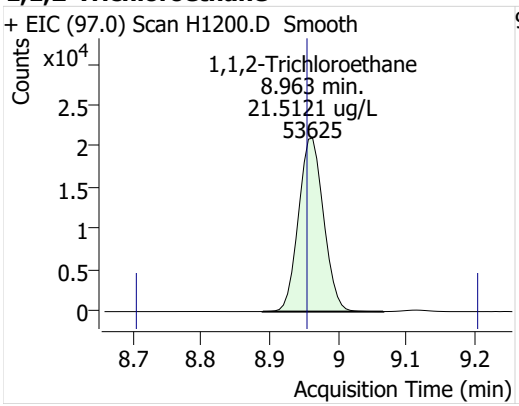
Ethyl Methacrylate

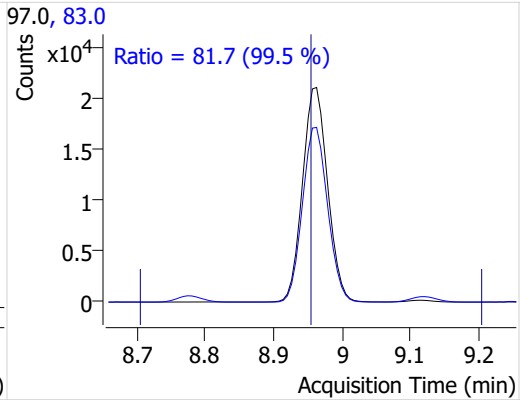


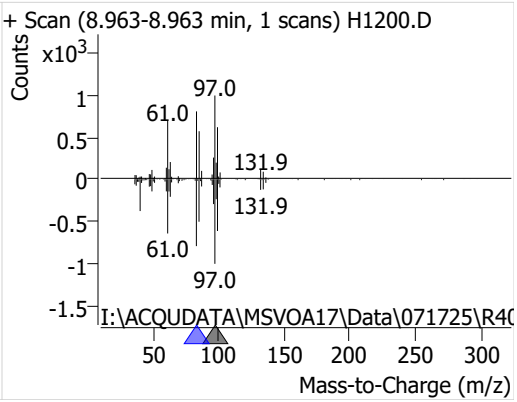




1,1,2-Trichloroethane

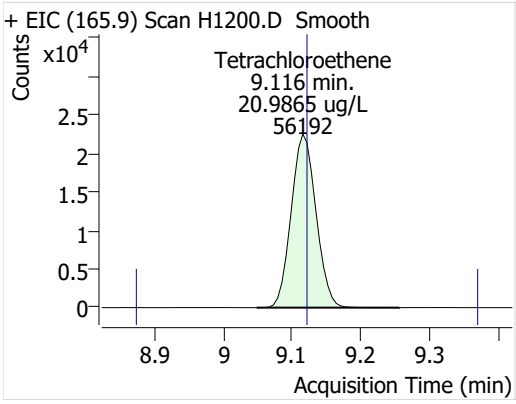


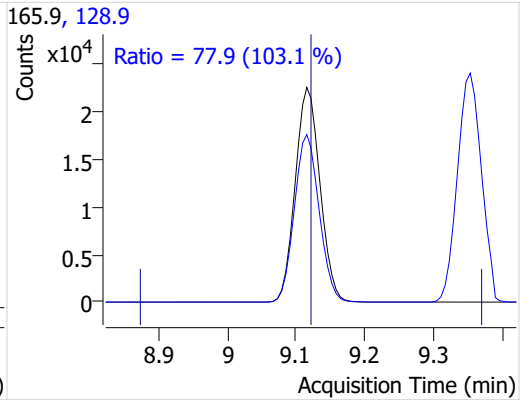


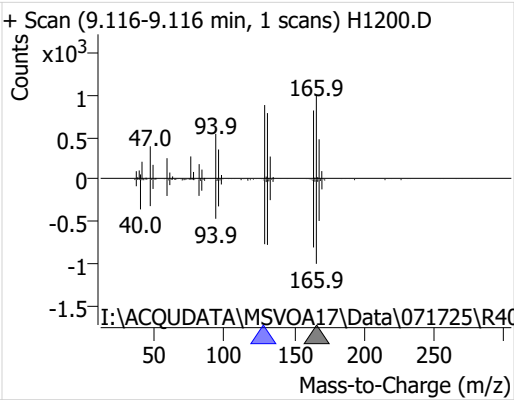


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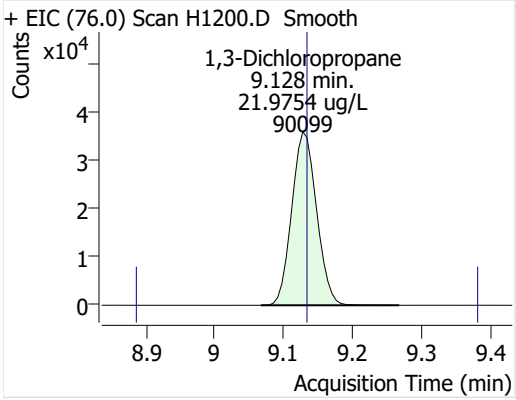
Tetrachloroethene

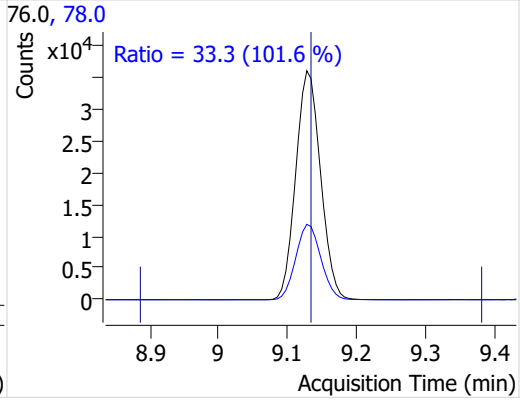


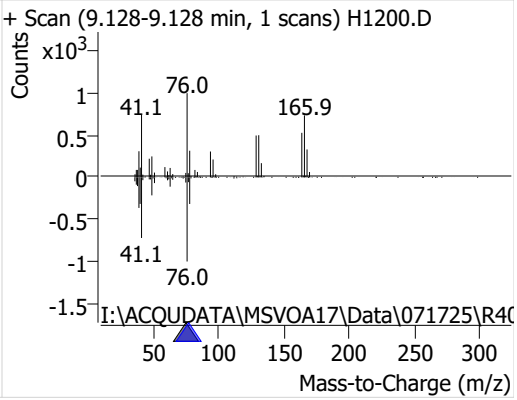




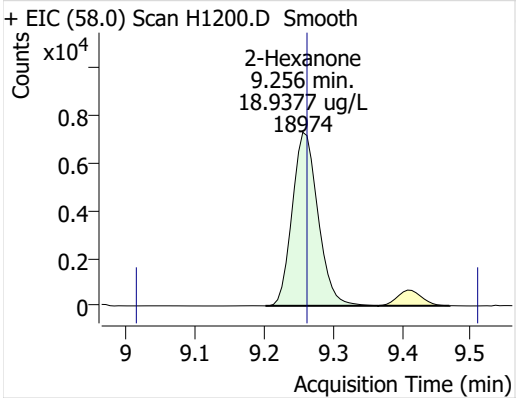
1,3-Dichloropropane

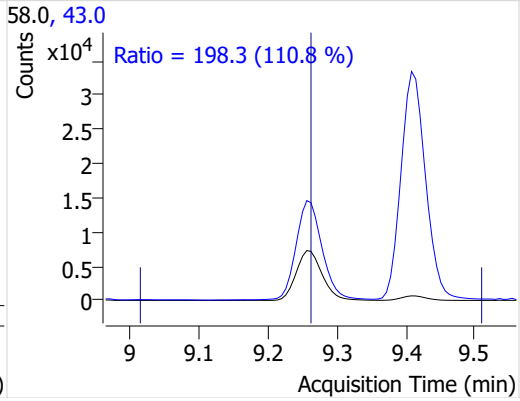


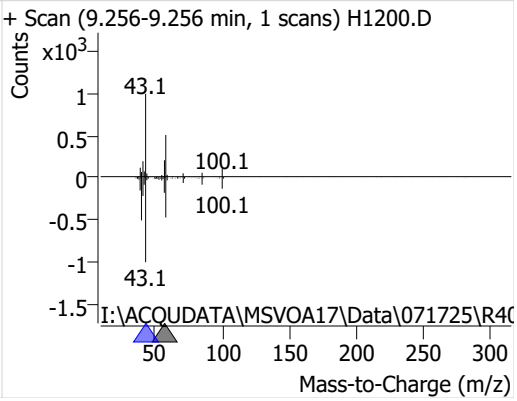




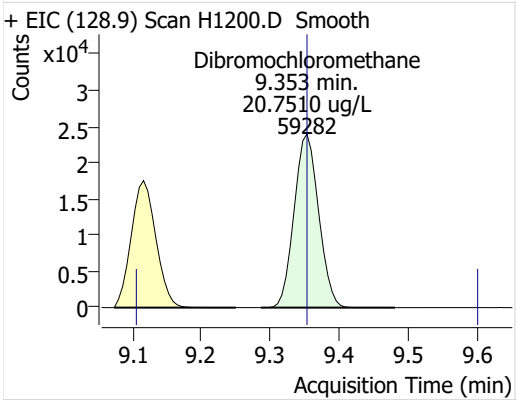
2-Hexanone

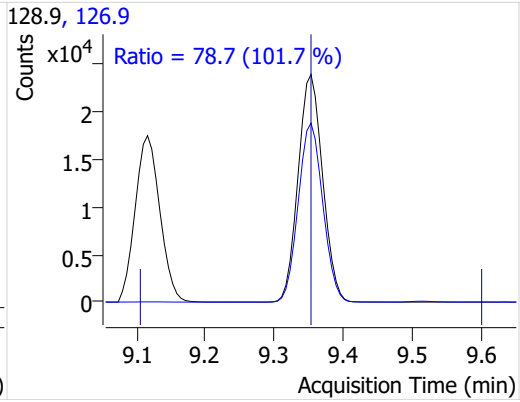


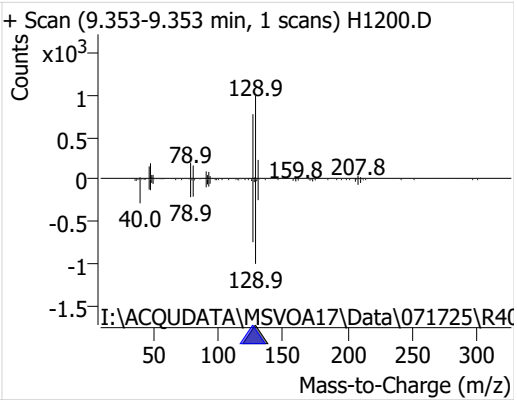




Dibromochloromethane

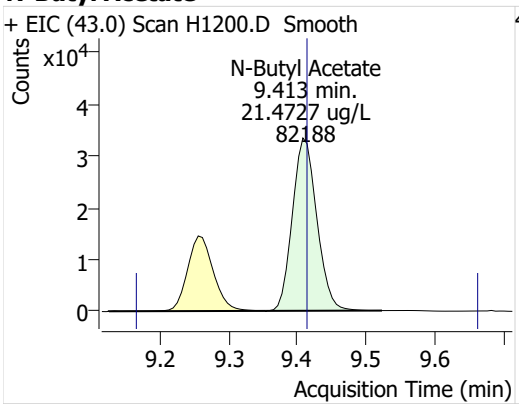


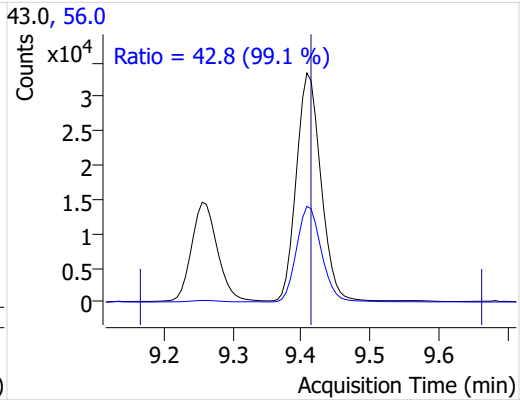


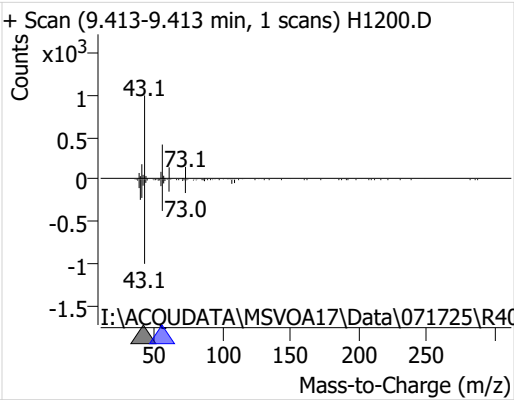


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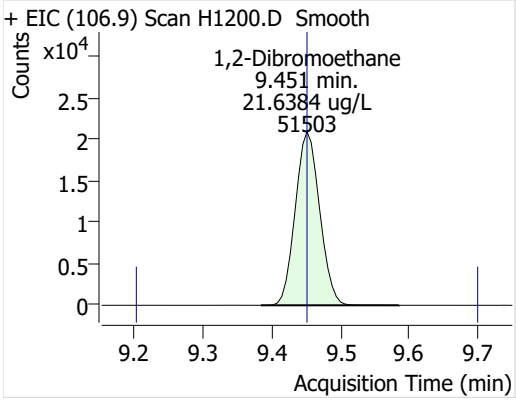
N-Butyl Acetate

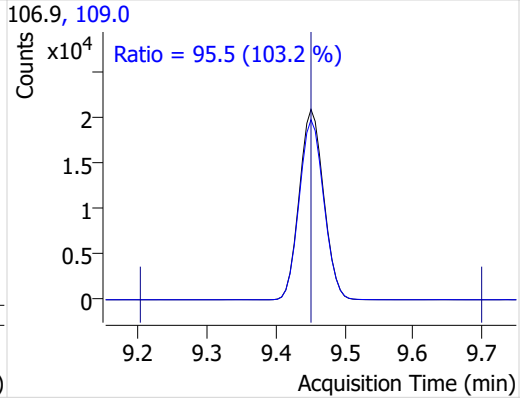


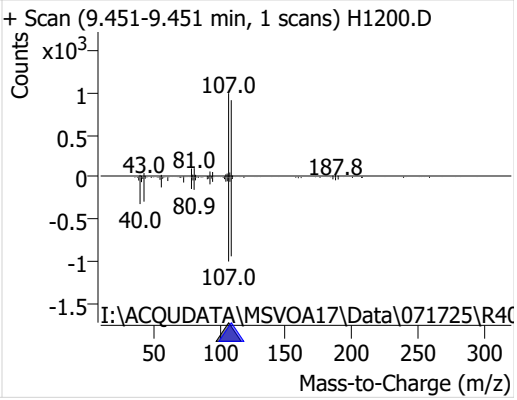




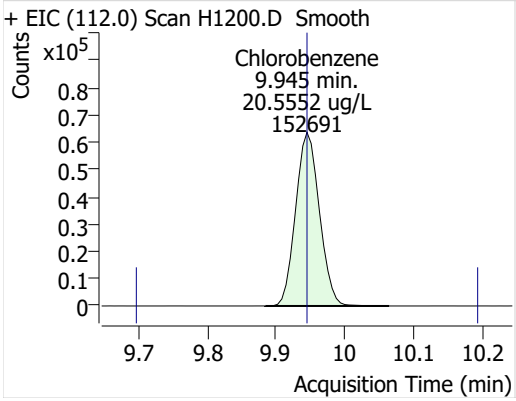
1,2-Dibromoethane

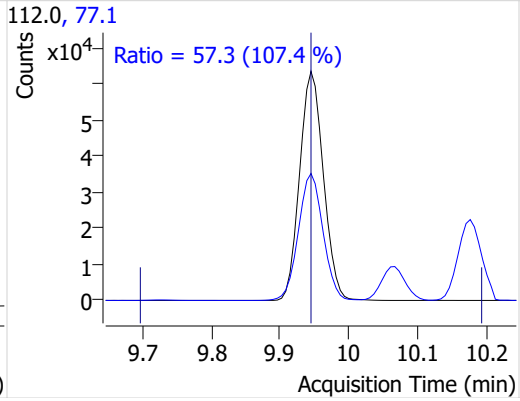


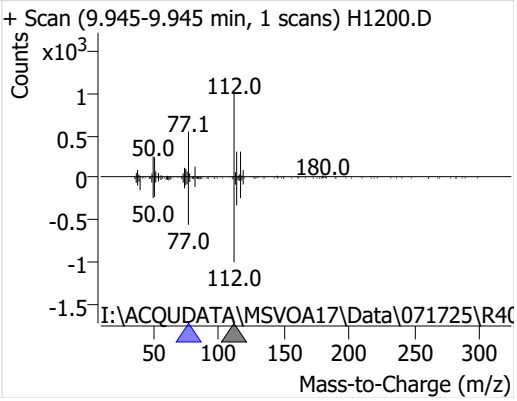




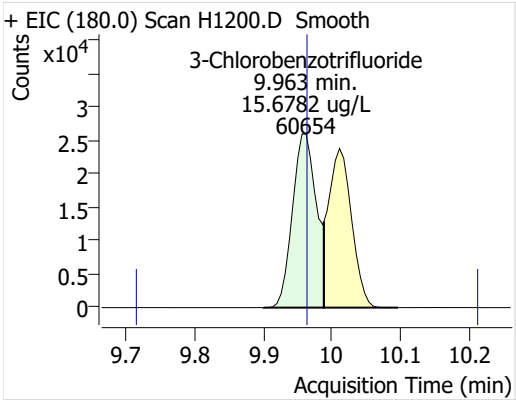
Chlorobenzene

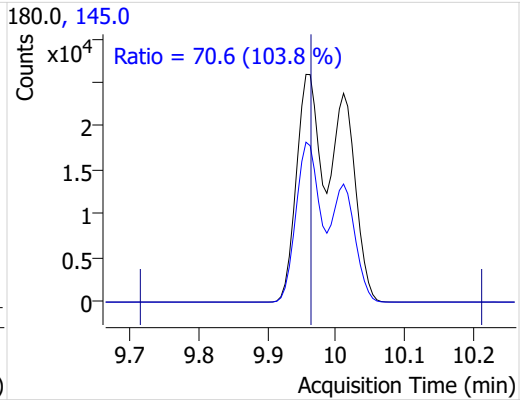


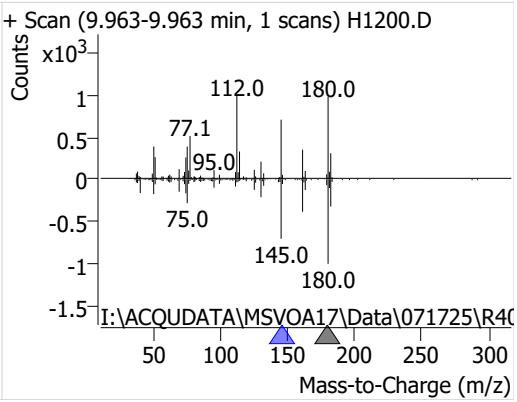




3-Chlorobenzotrifluoride

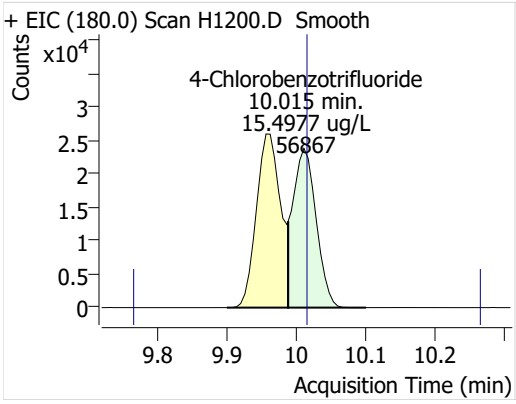


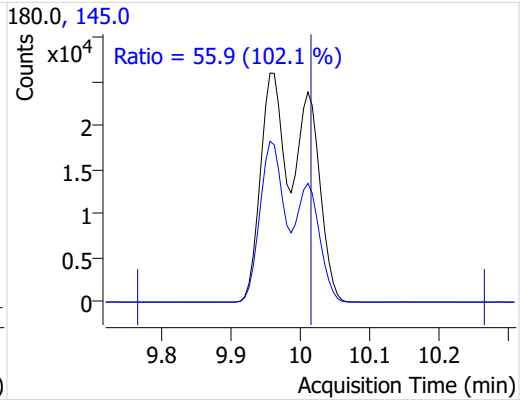


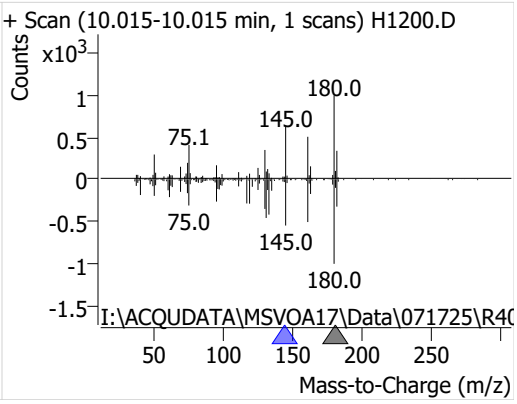


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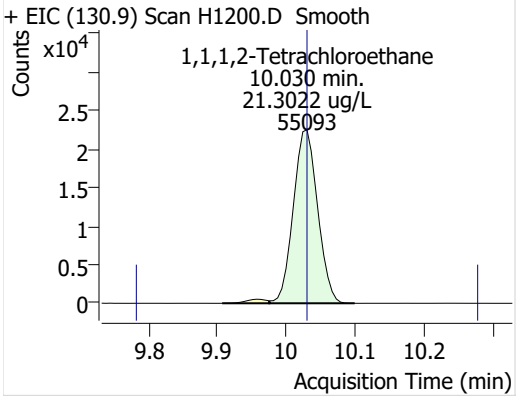
4-Chlorobenzotrifluoride

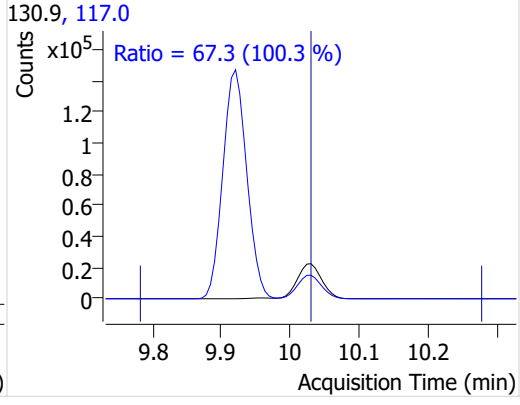


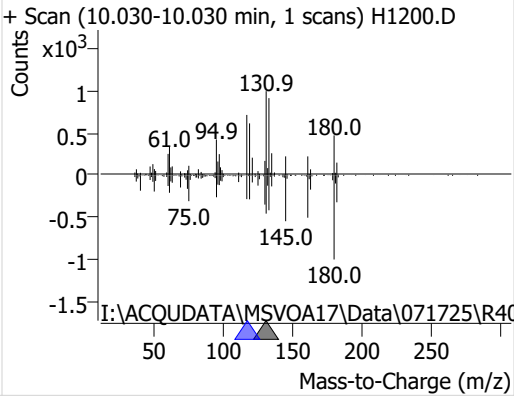




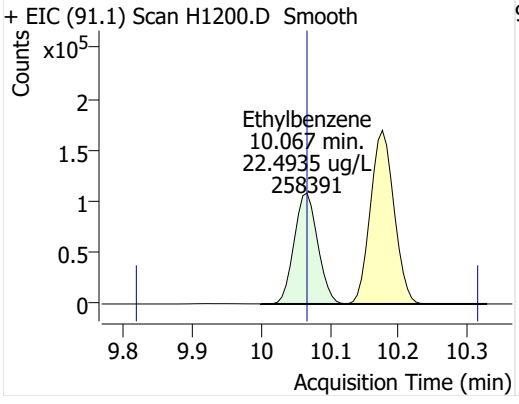
1,1,1,2-Tetrachloroethane

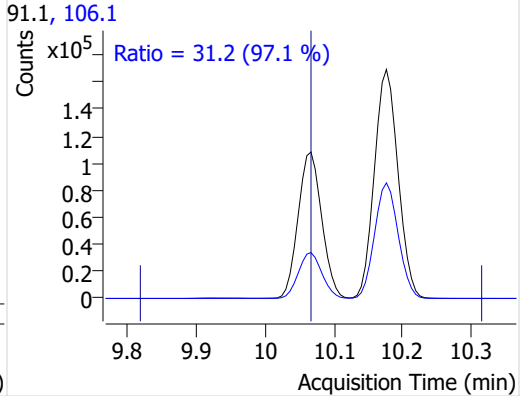


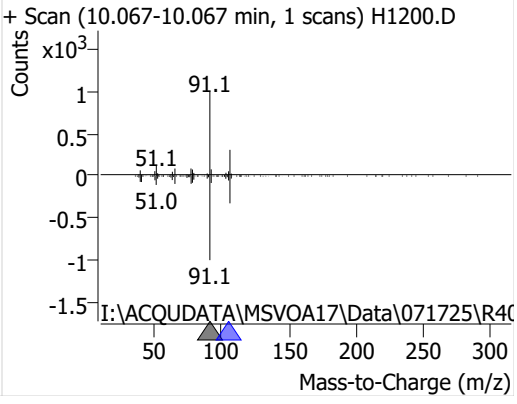




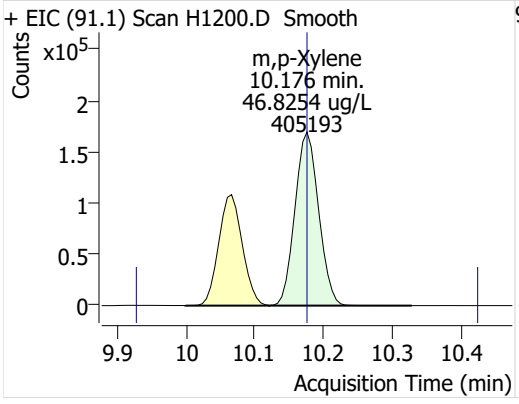
Ethylbenzene

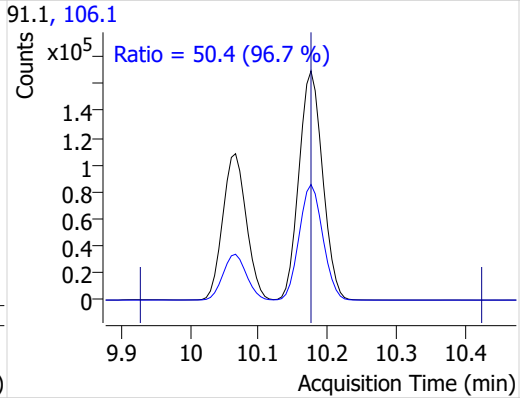


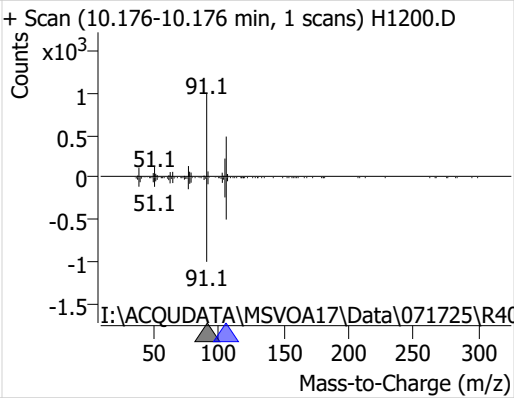




m,p-Xylene

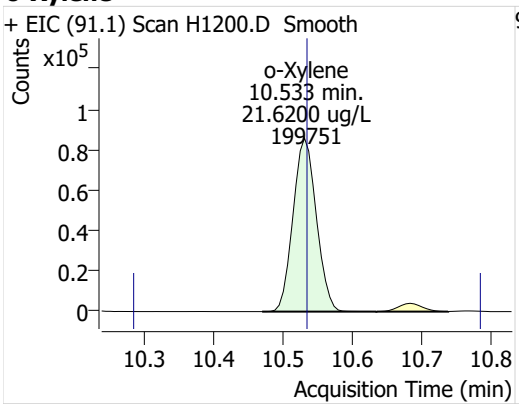


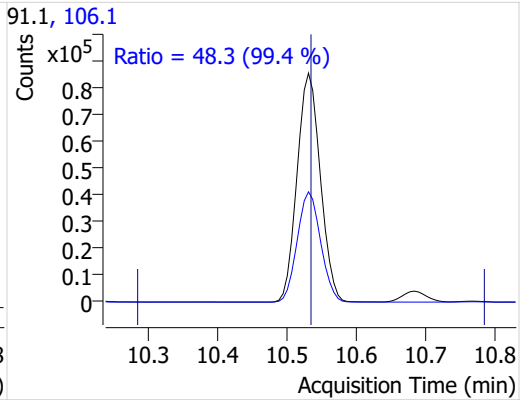


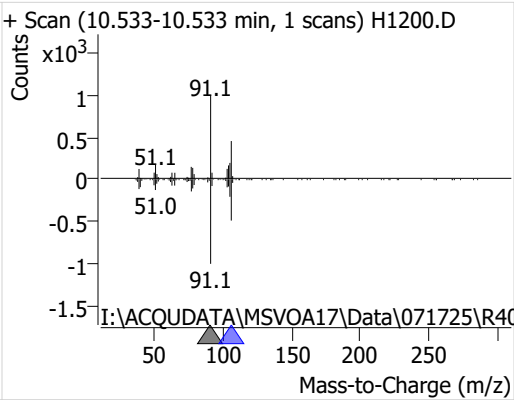


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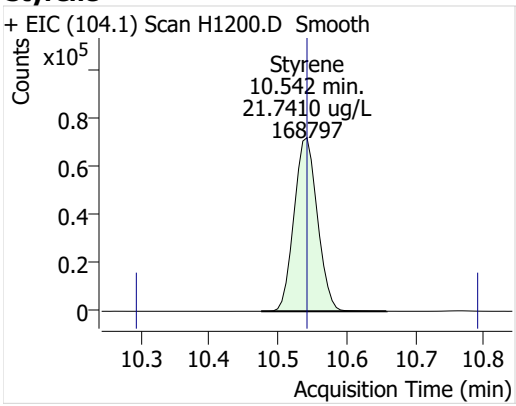
o-Xylene

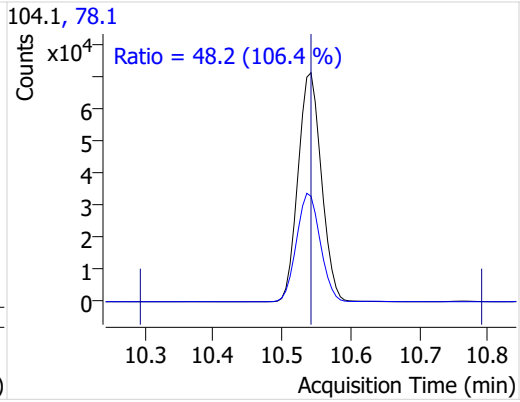


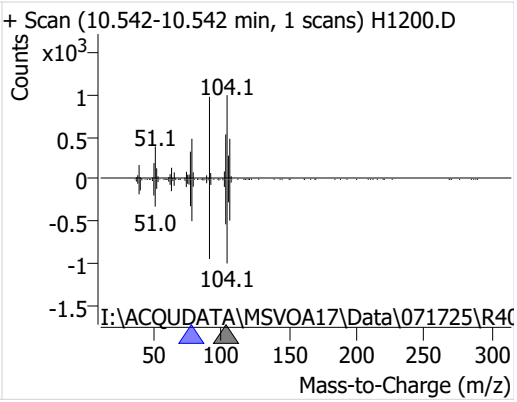




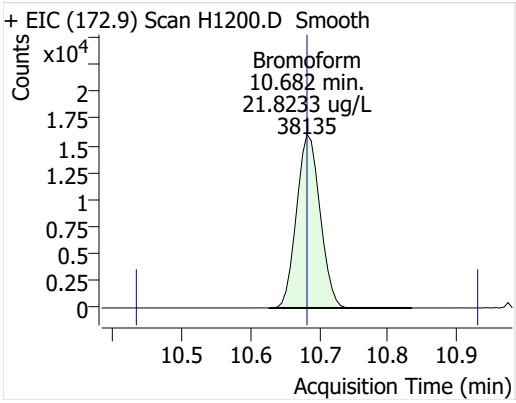
Styrene

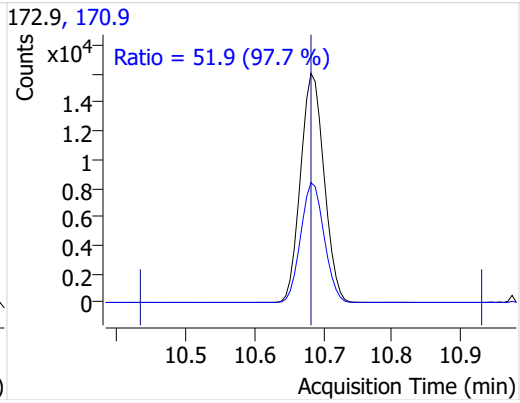


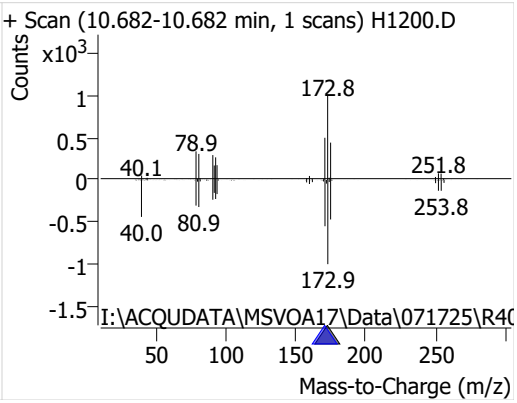




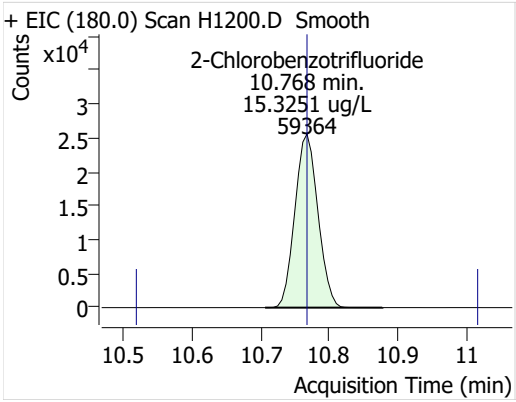
Bromoform

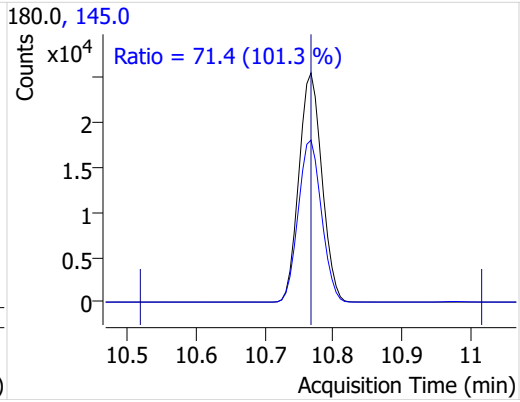


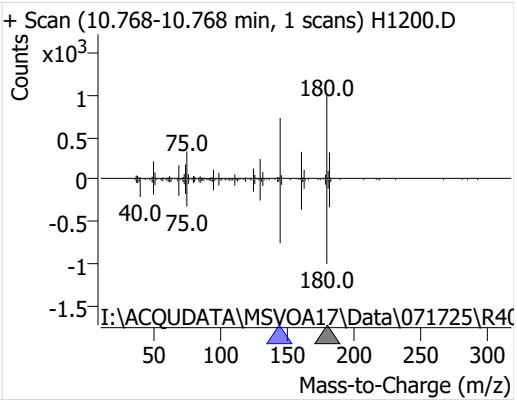




2-Chlorobenzotrifluoride

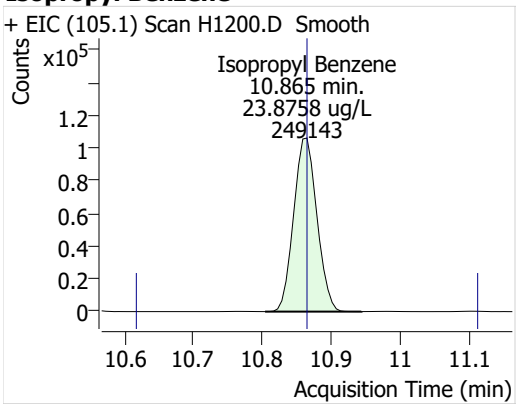


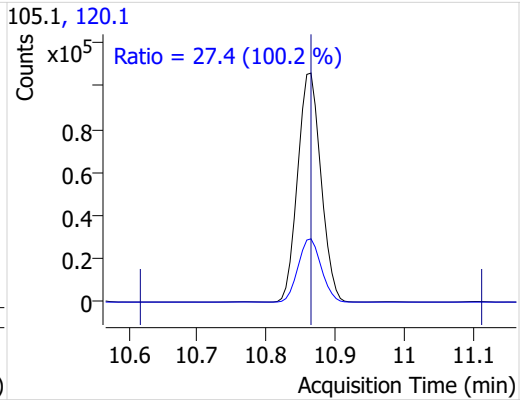


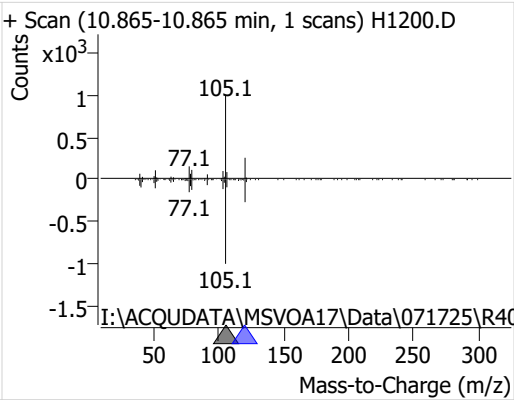


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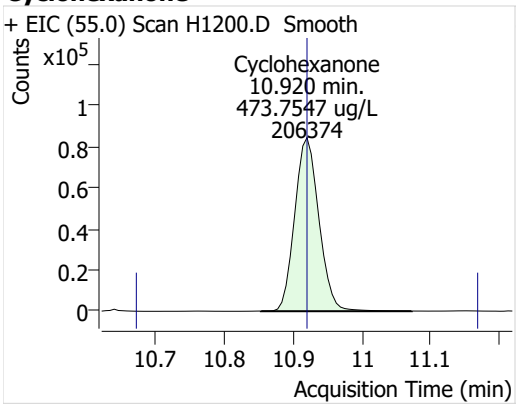
Isopropyl Benzene

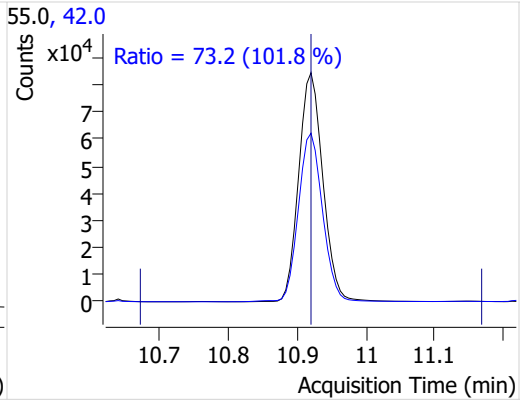


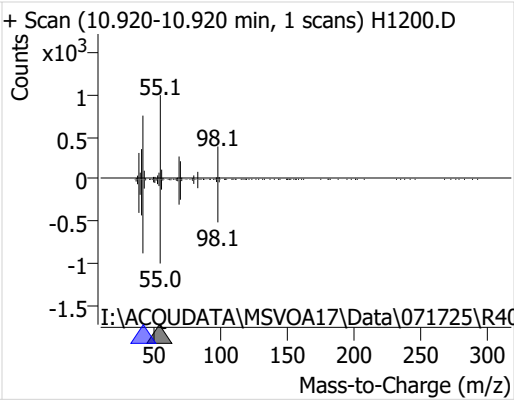




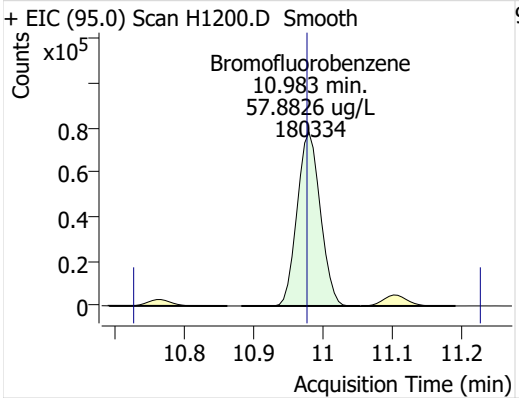
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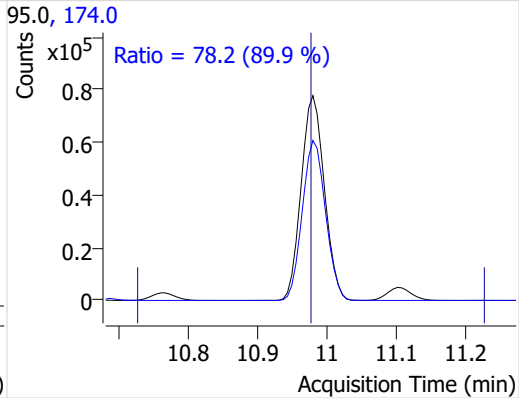


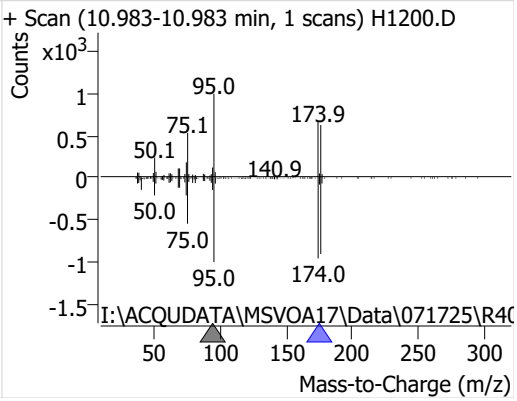




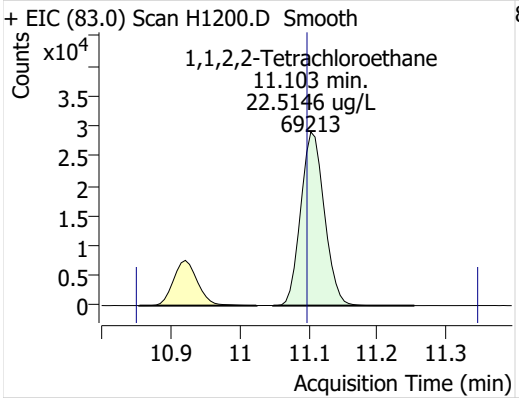
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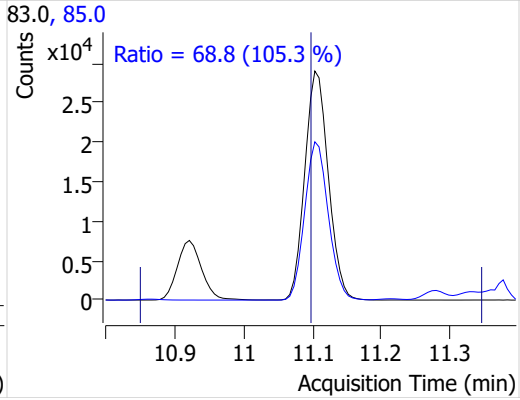


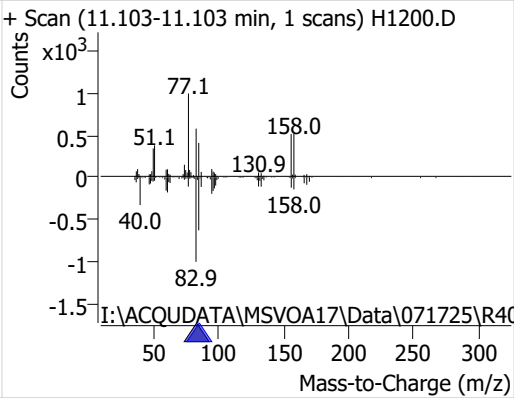




1,1,2,2-Tetrachloroethane

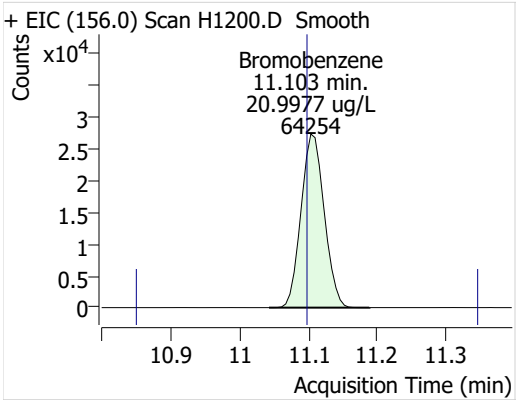


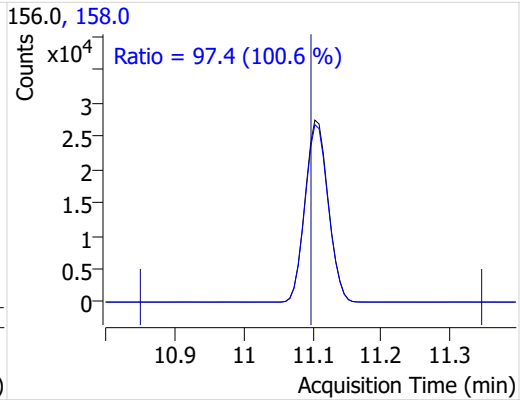


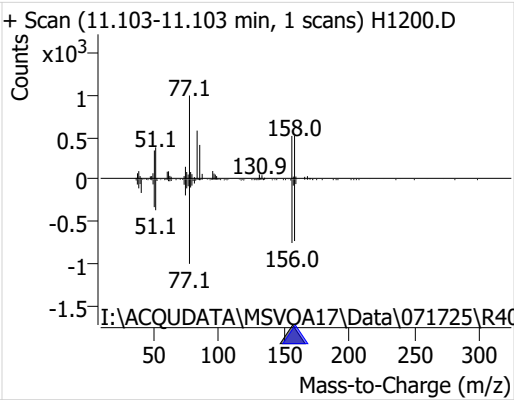


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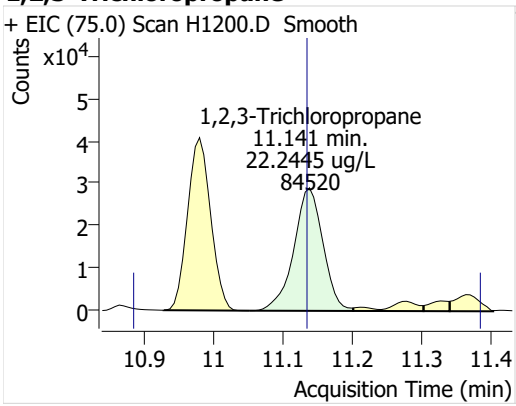
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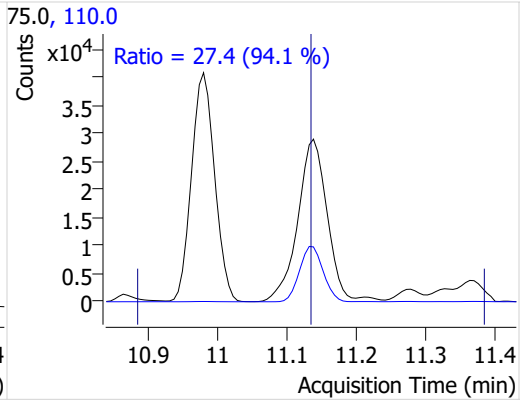


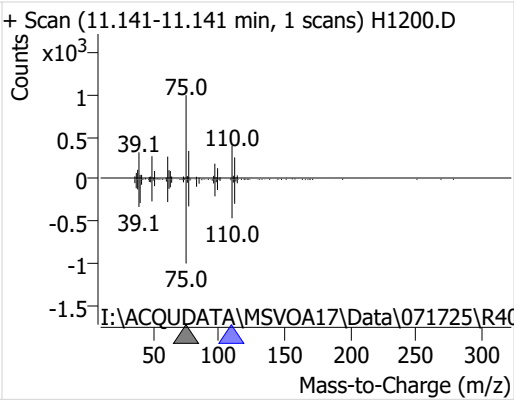




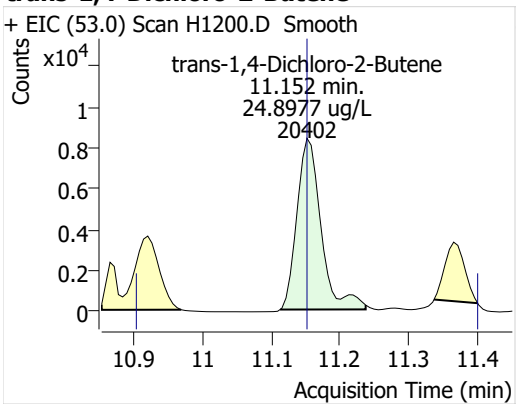
1,2,3-Trichloropropane

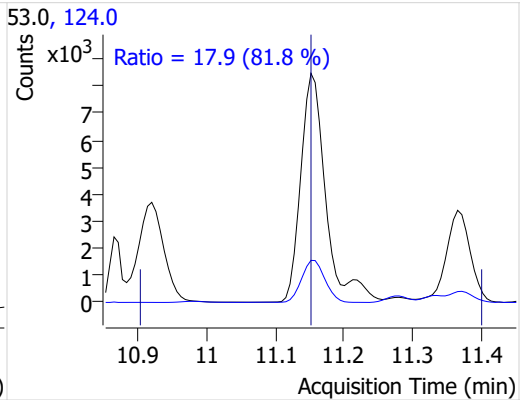


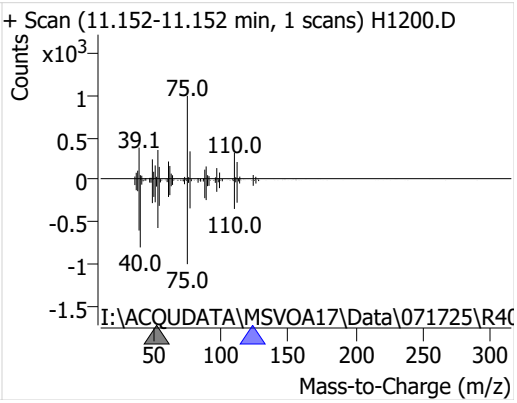




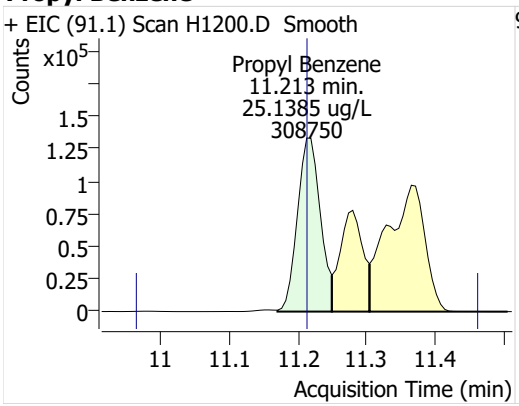
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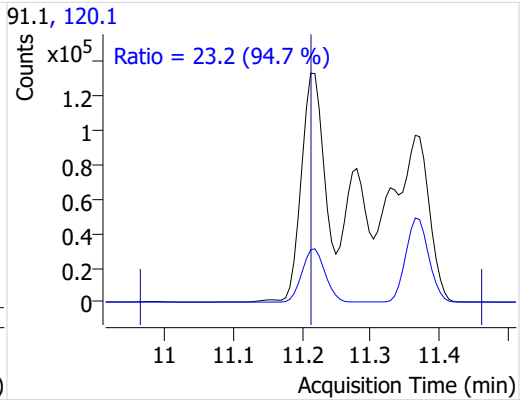


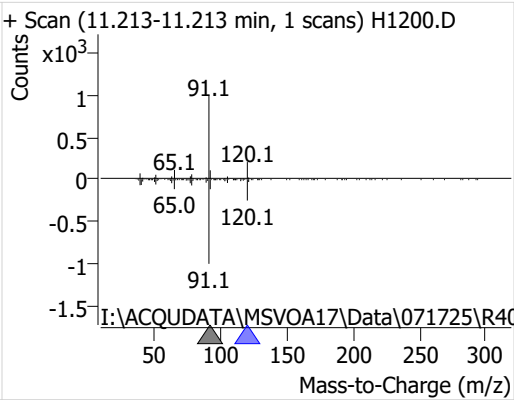




Propyl Benzene

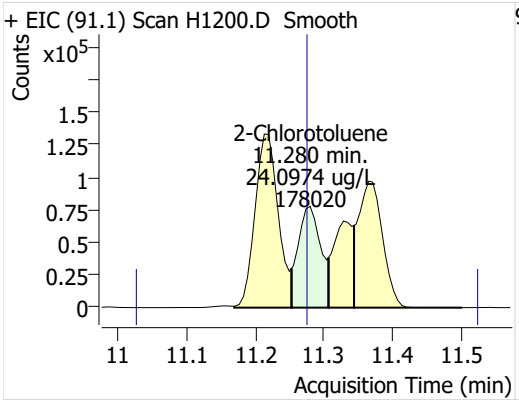


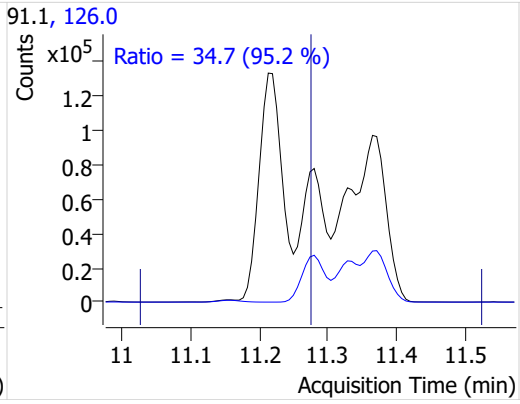


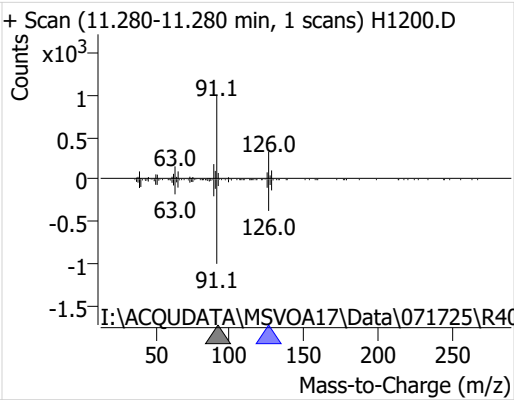


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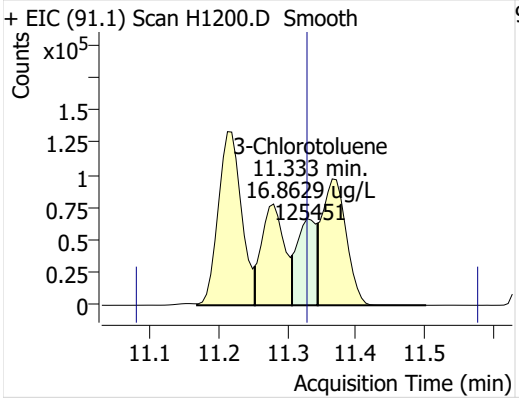
2-Chlorotoluene

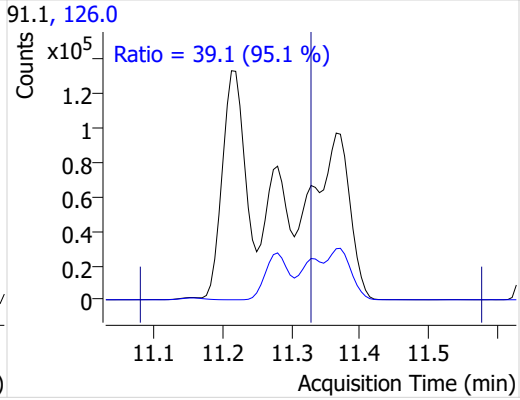


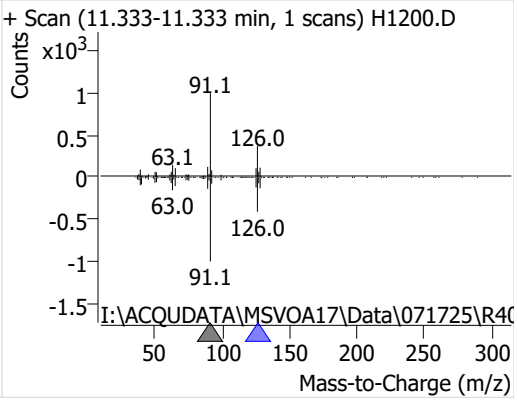




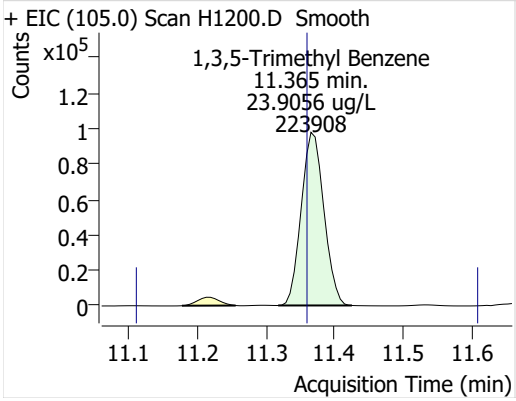
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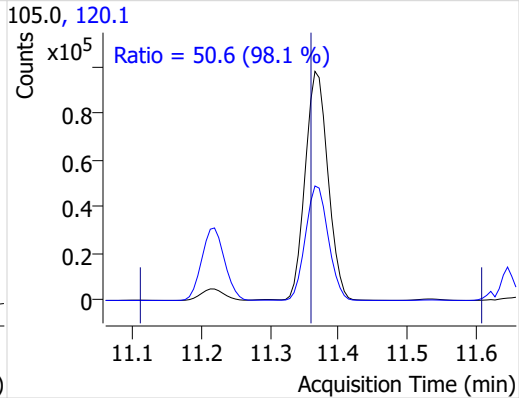


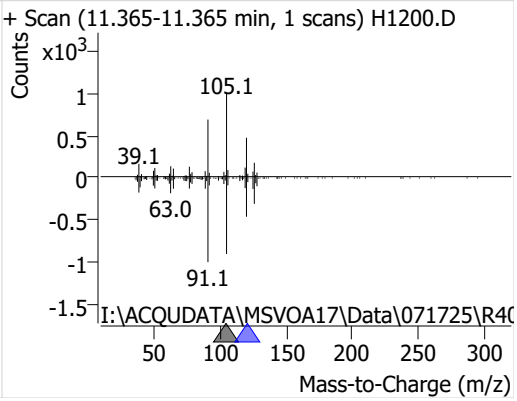




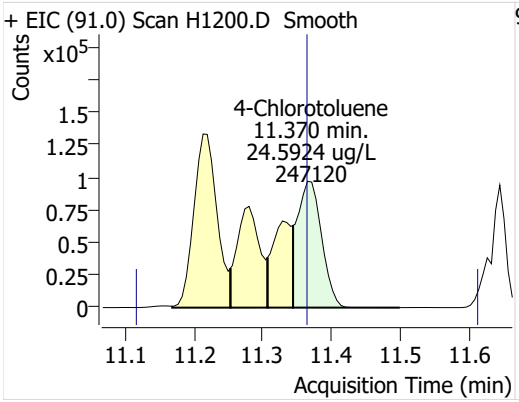
1,3,5-Trimethyl Benzene

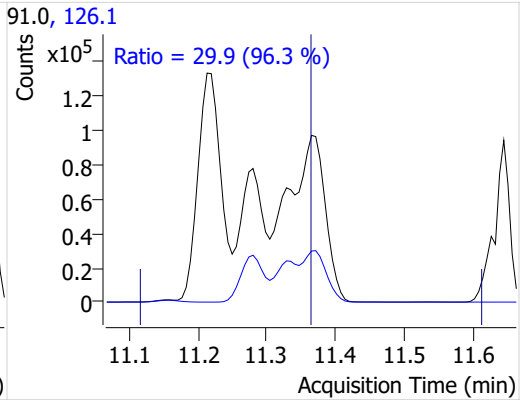


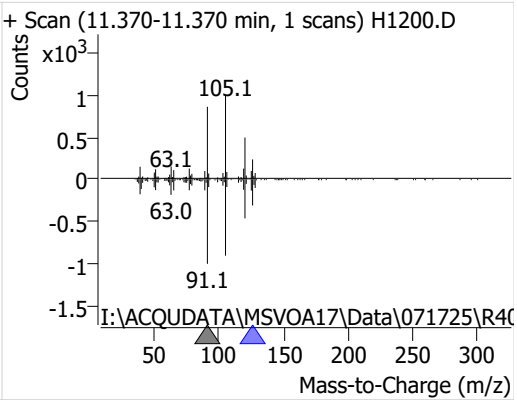




4-Chlorotoluene

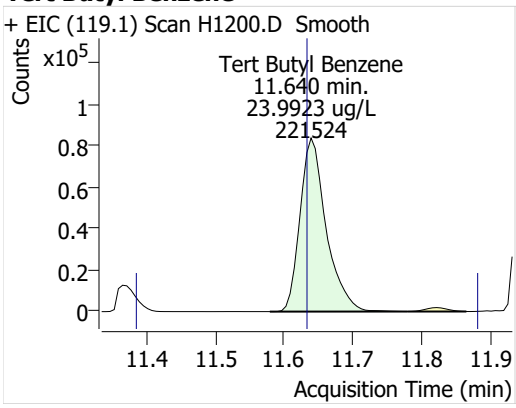


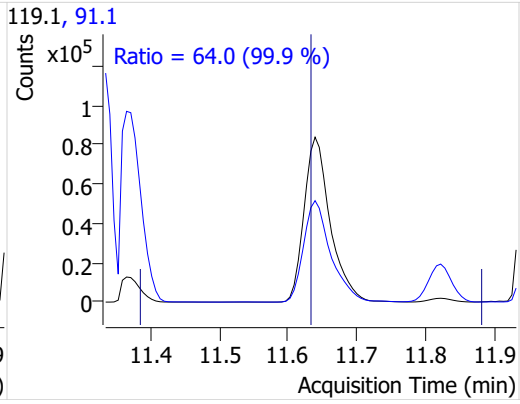


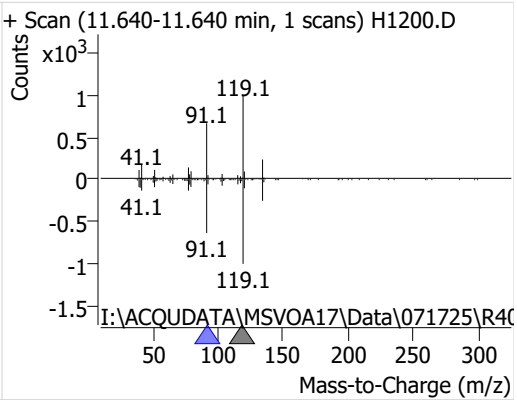


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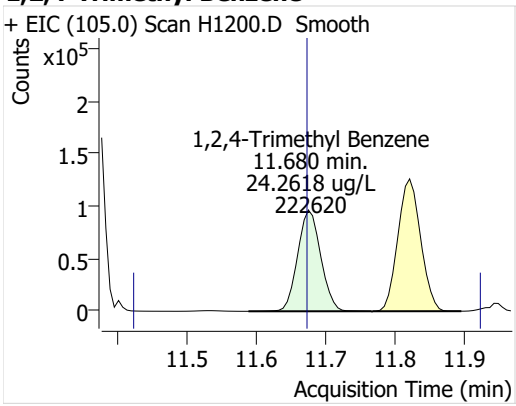
Tert Butyl Benzene

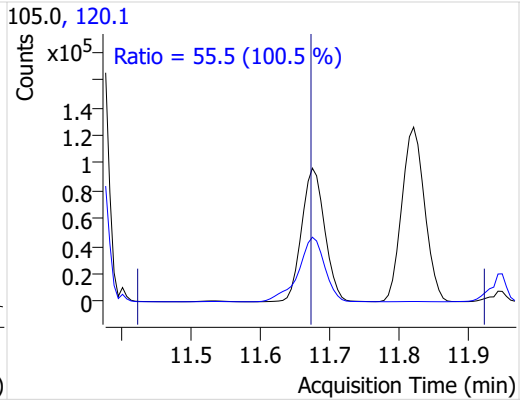


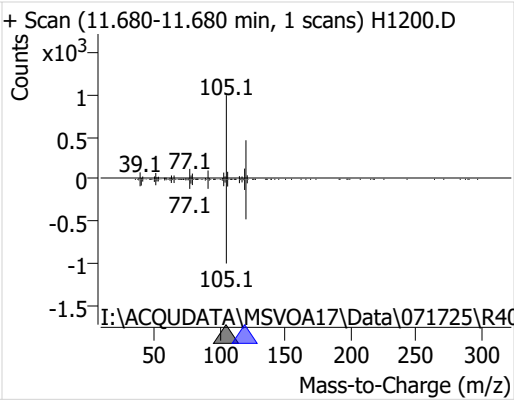




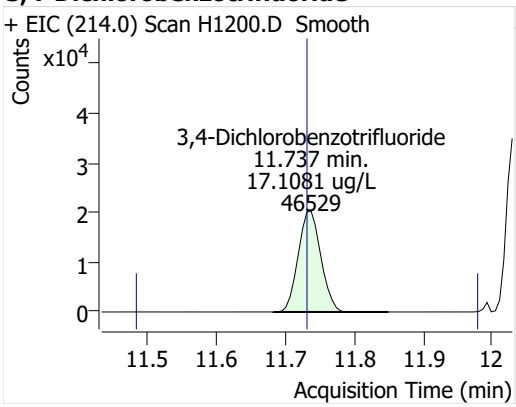
1,2,4-Trimethyl Benzene

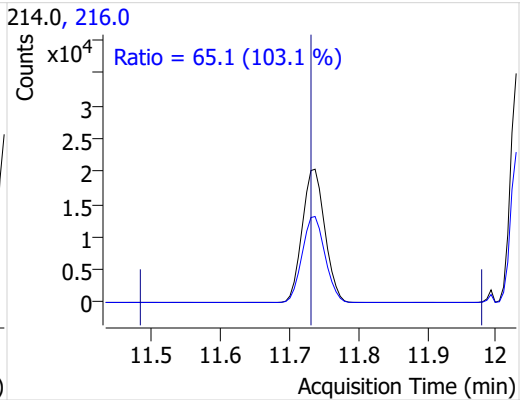


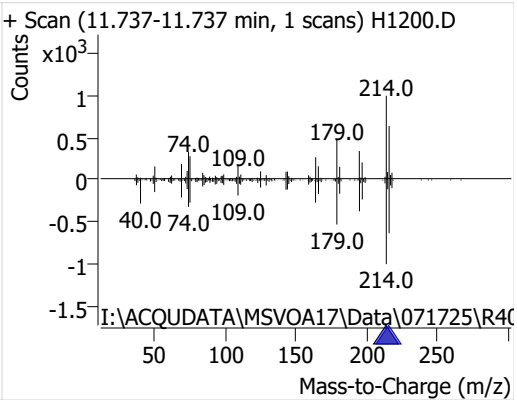




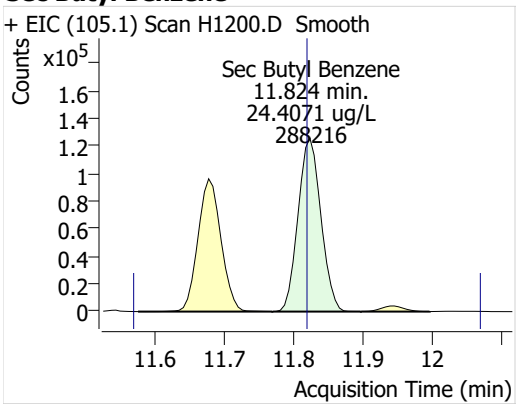
3,4-Dichlorobenzotrifluoride

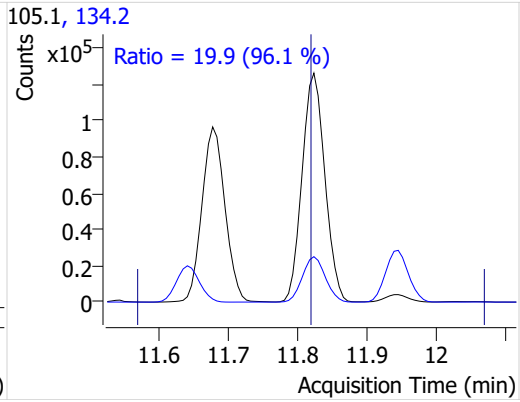


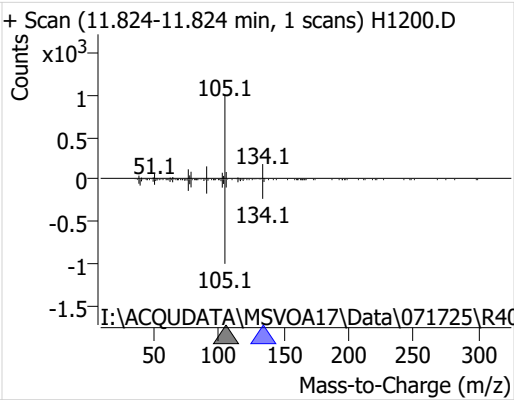




Sec Butyl Benzene

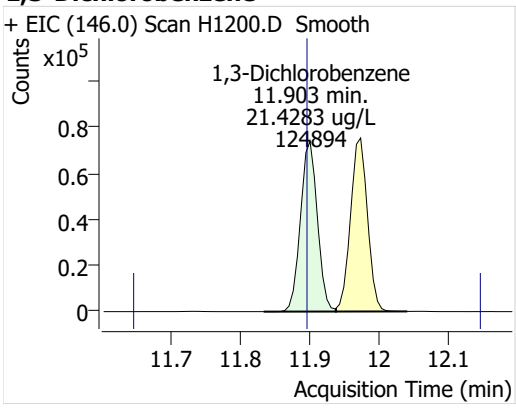


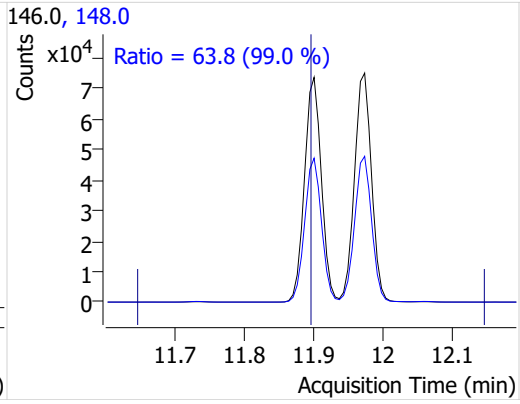


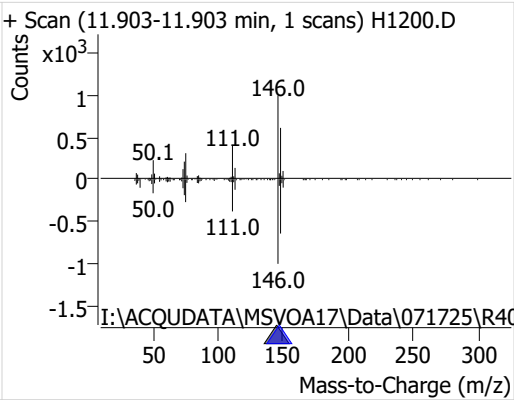


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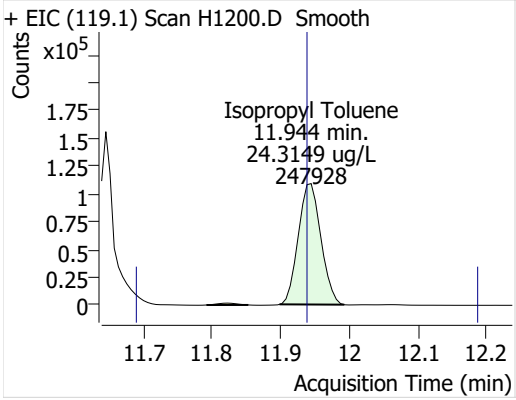
1,3-Dichlorobenzene

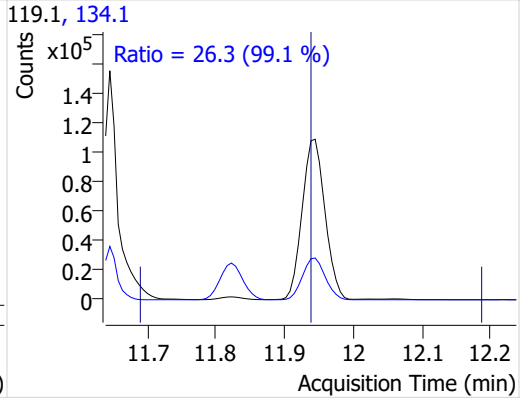


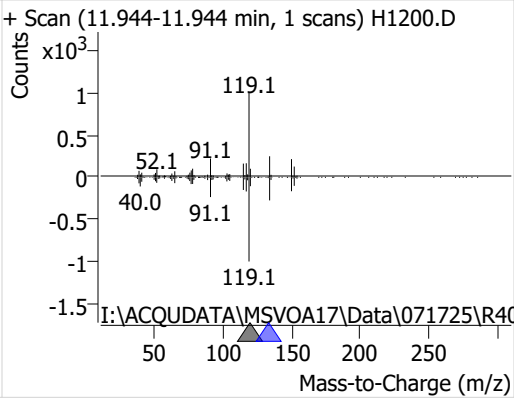




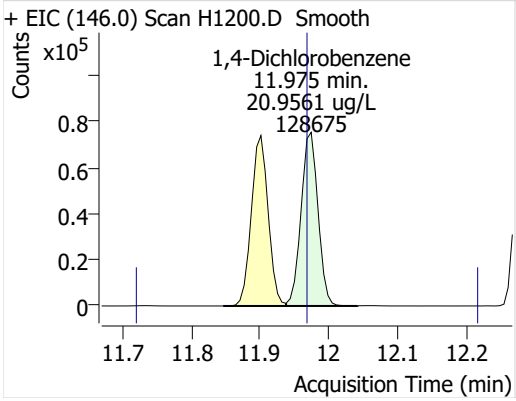
Isopropyl Toluene

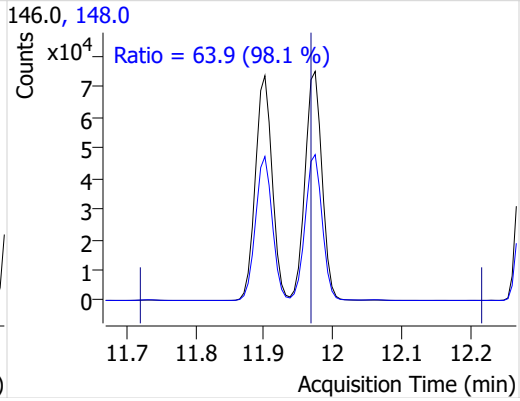


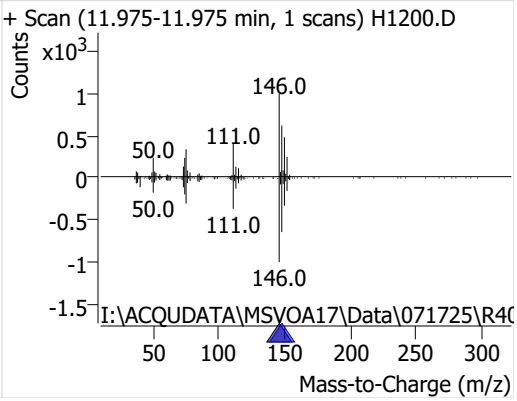




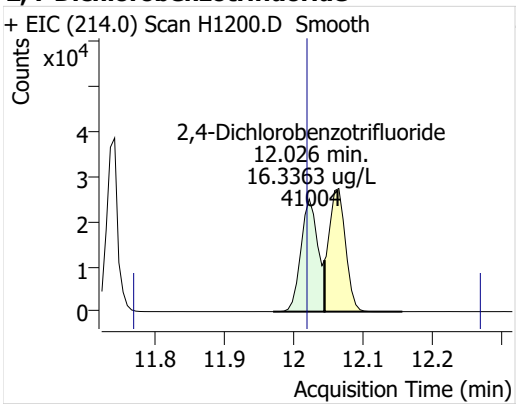
1,4-Dichlorobenzene

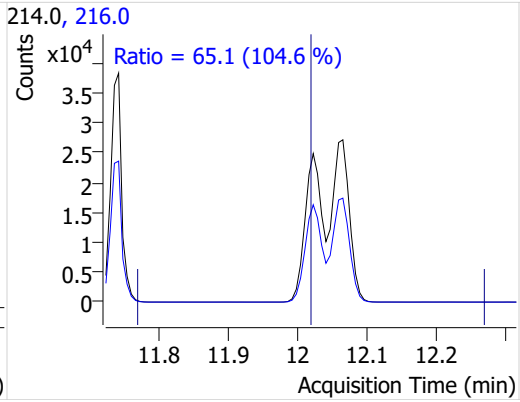


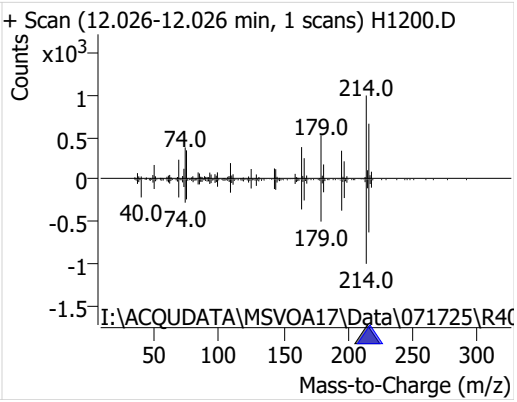




2,4-Dichlorobenzotrifluoride

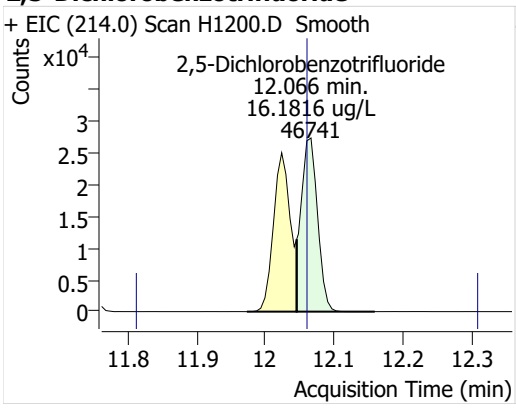


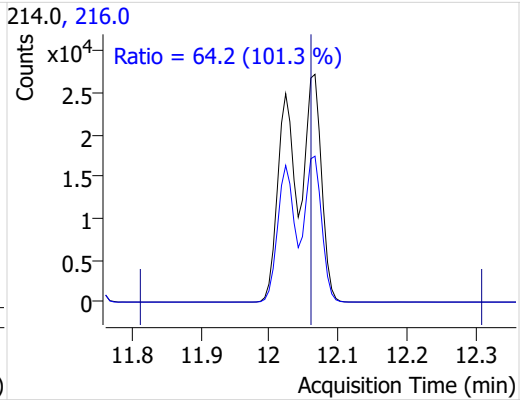


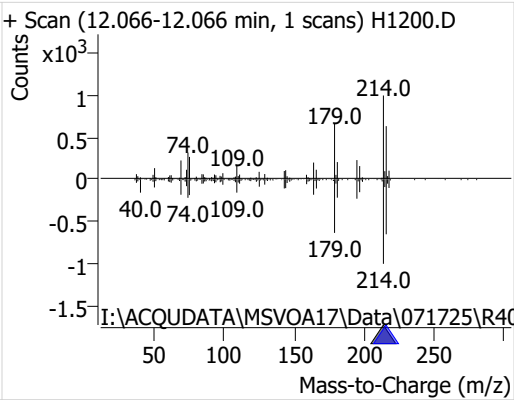


Masshunter Quantitative Analysis Sample Report

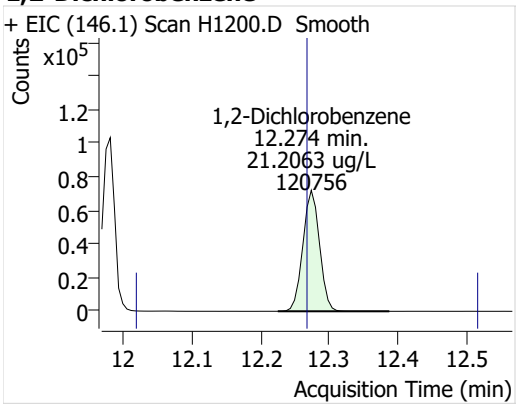
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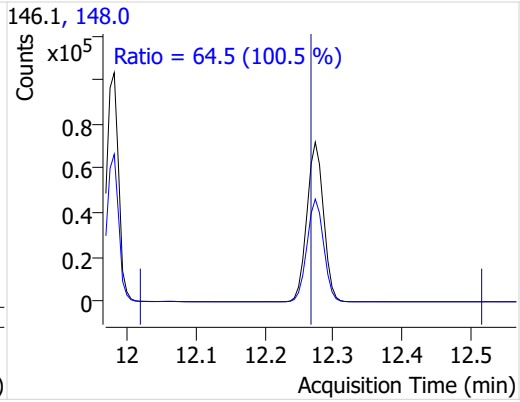


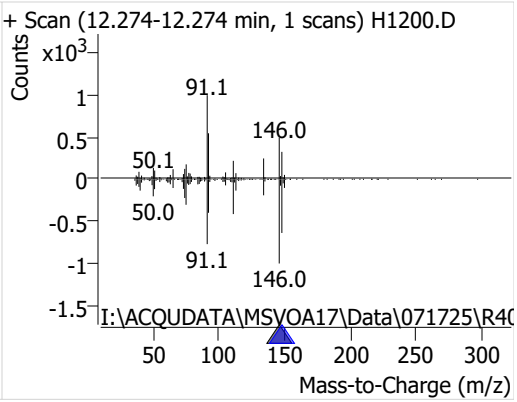




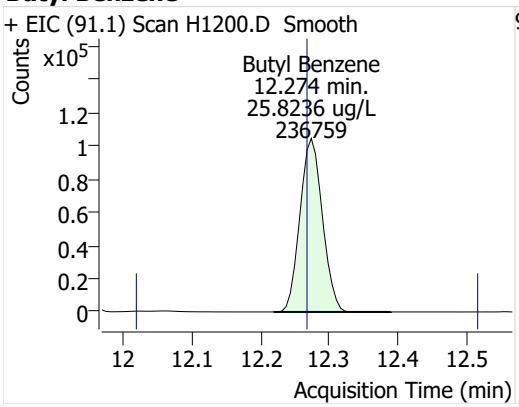
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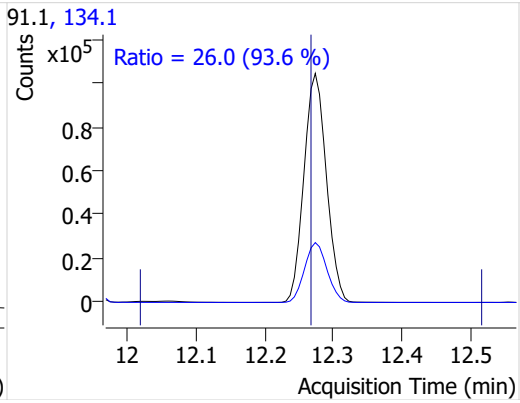


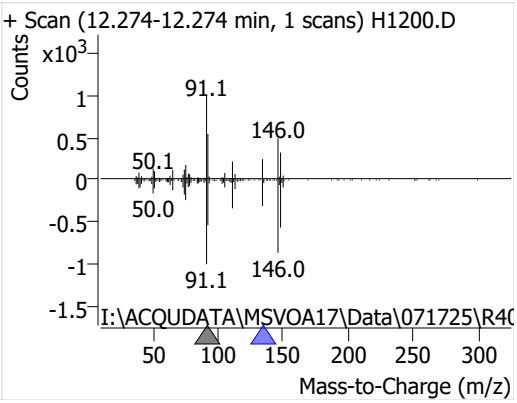




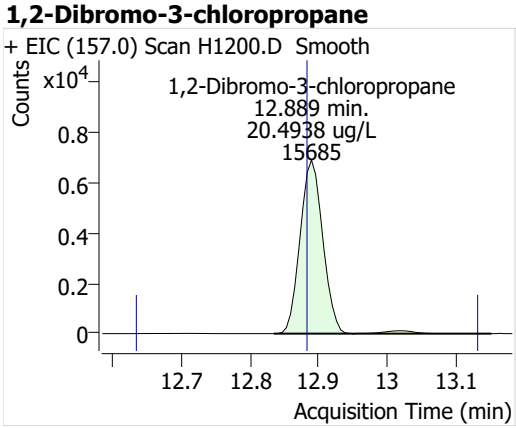
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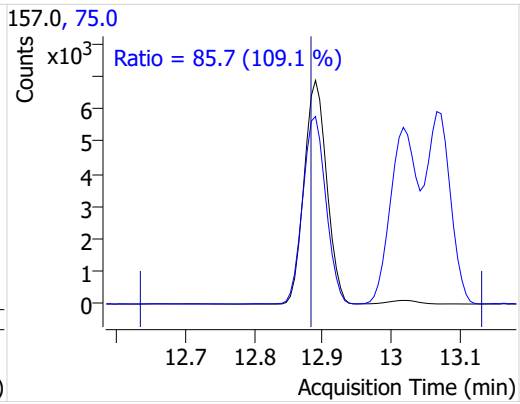


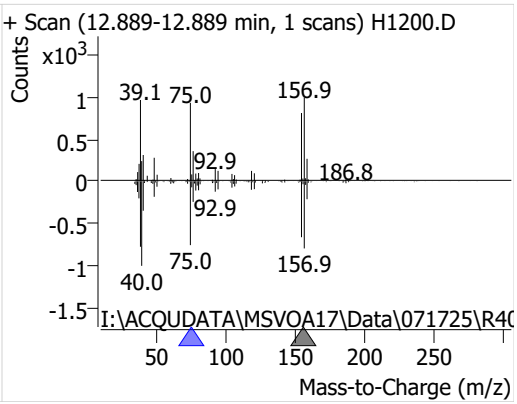




1,2-Dibromo-3-chloropropane

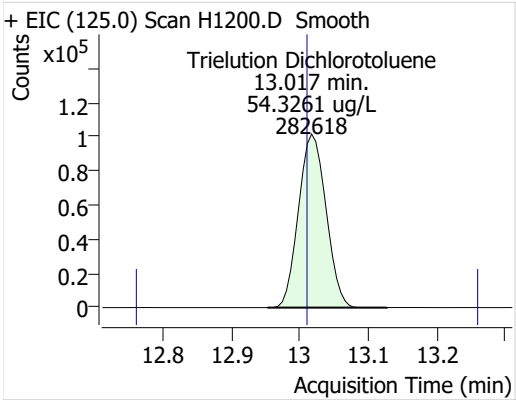


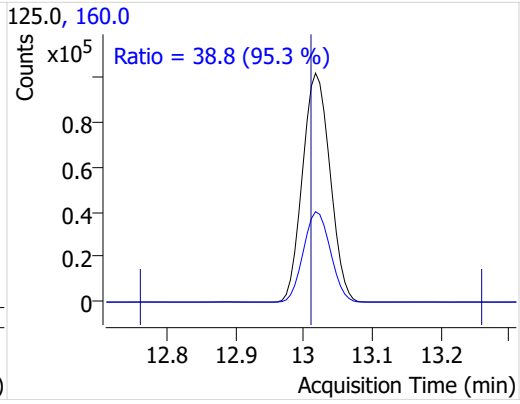


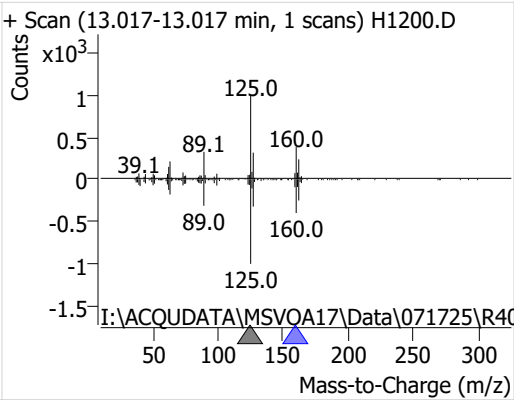


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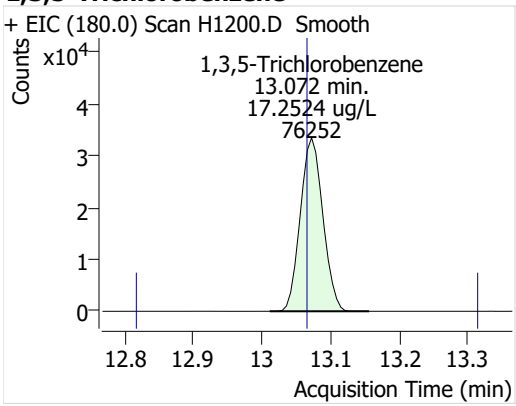
Trielution Dichlorotoluene

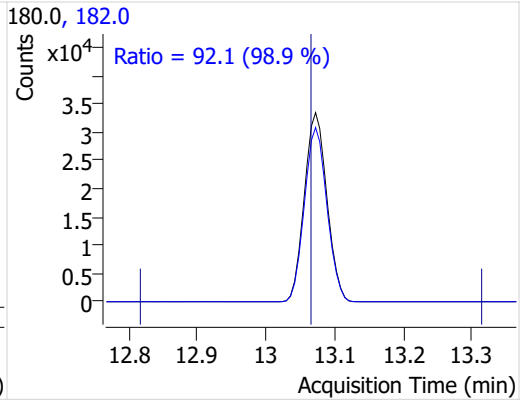


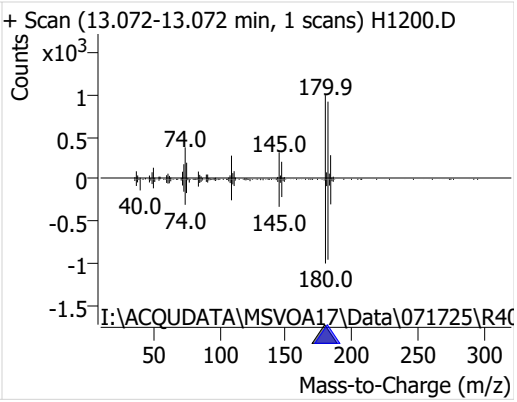




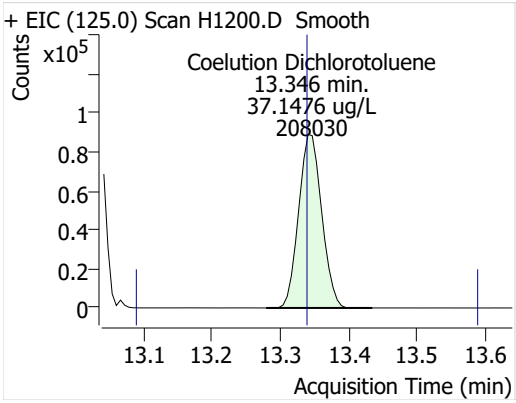
1,3,5-Trichlorobenzene

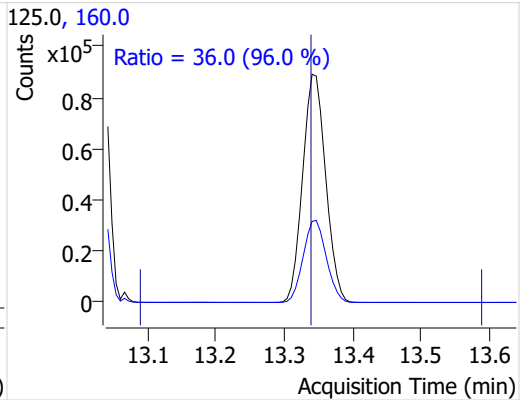


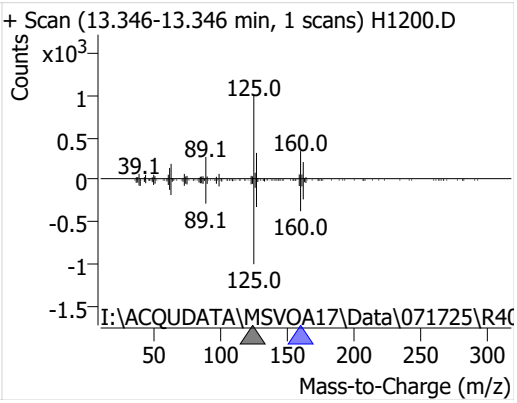




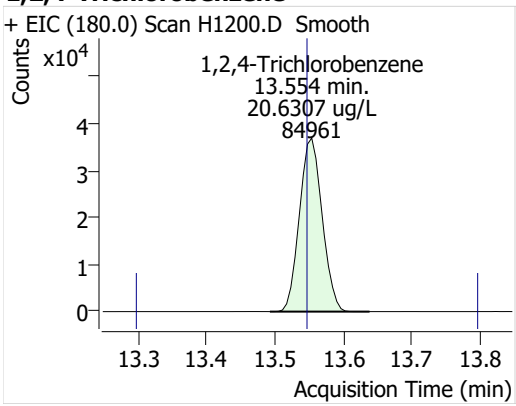
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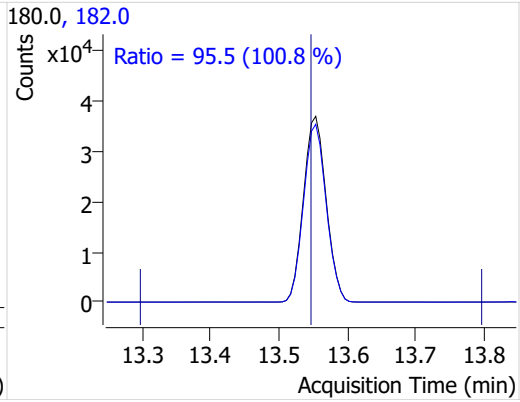


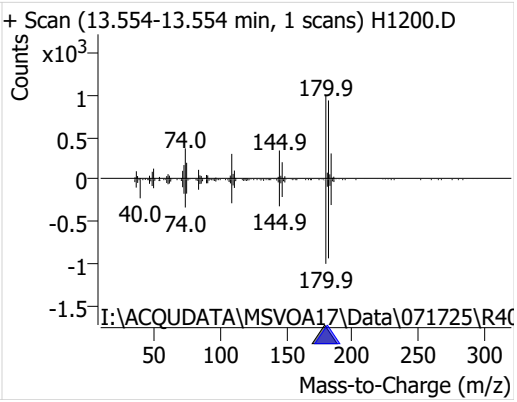




1,2,4-Trichlorobenzene

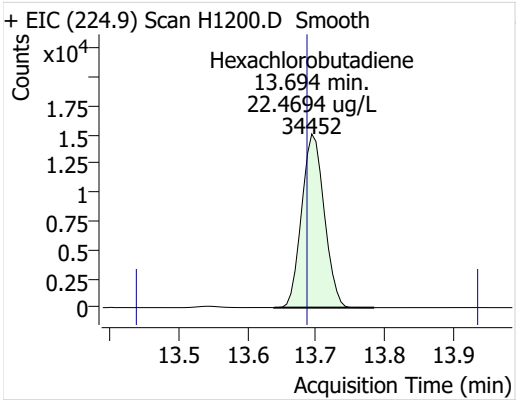


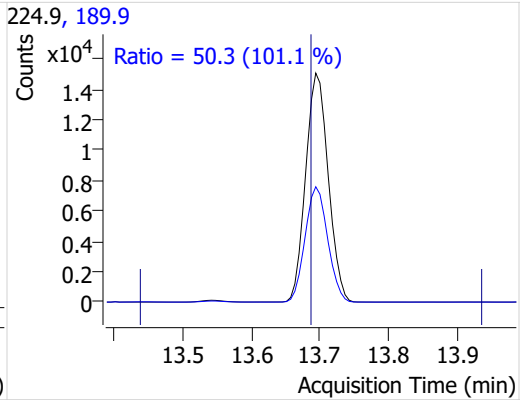


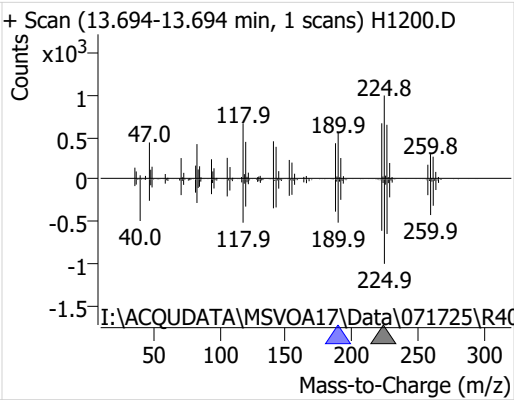


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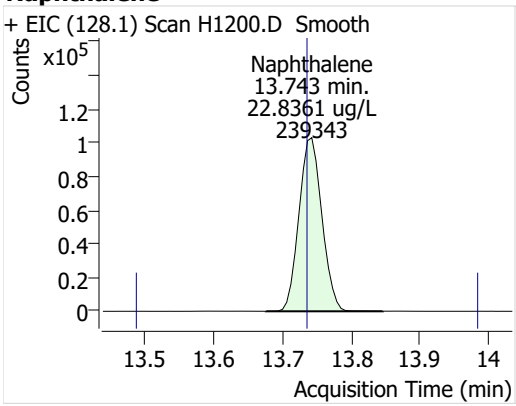
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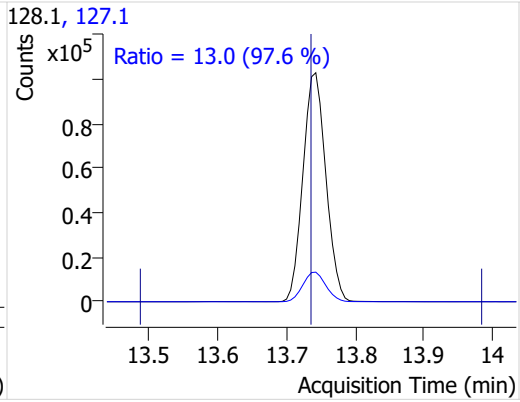


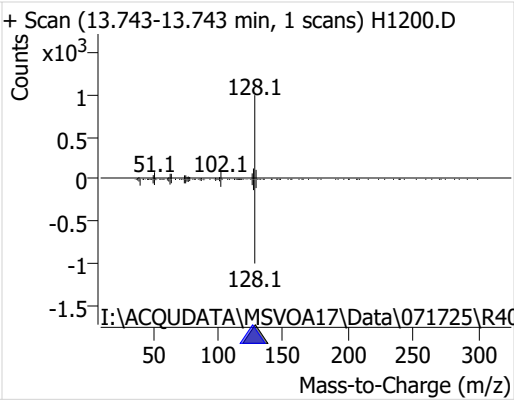




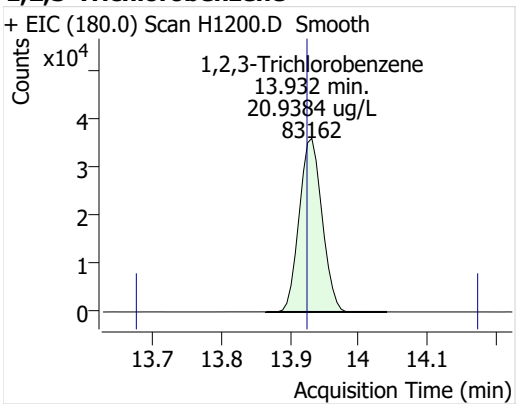
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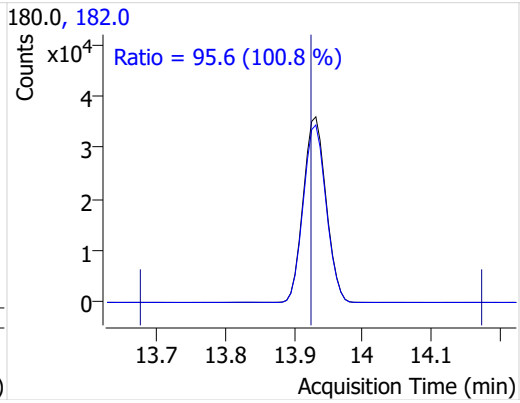


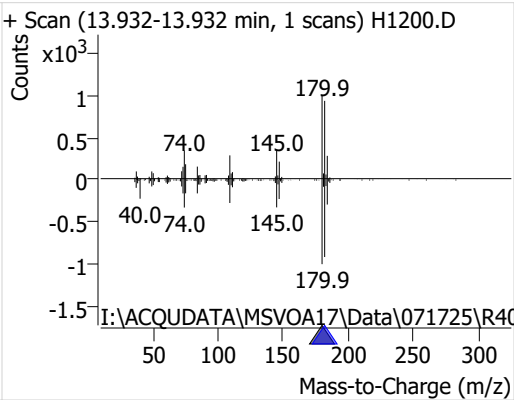




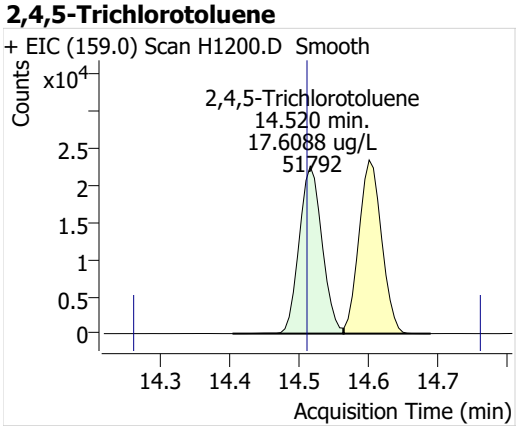
1,2,3-Trichlorobenzene

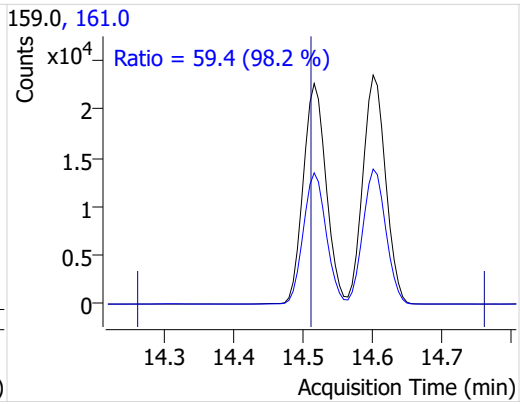


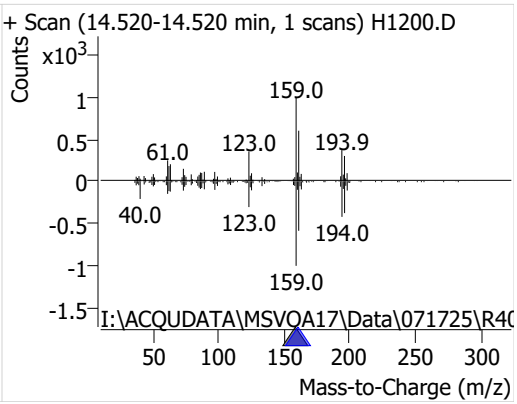




2,4,5-Trichlorotoluene

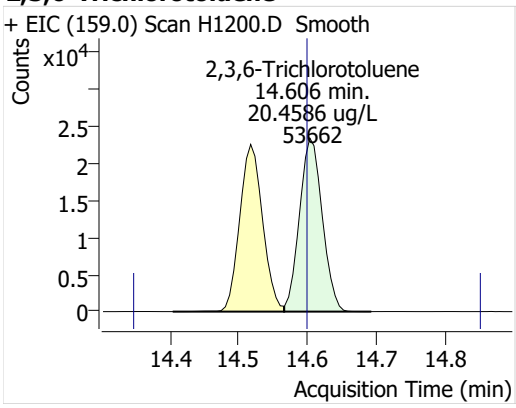


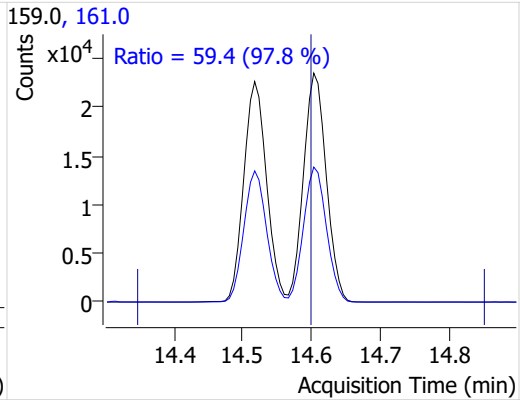


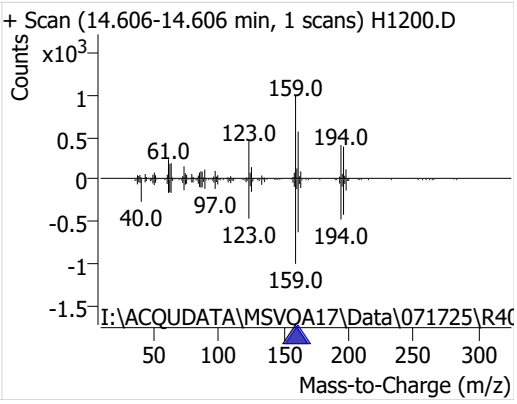


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2,3,6-Trichlorotoluene





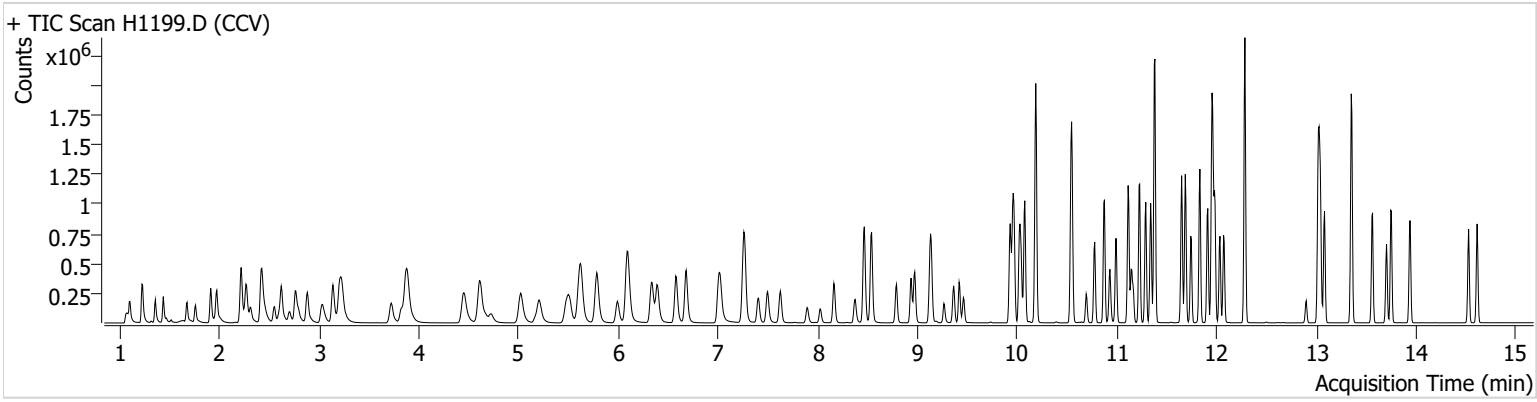


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1199.D

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Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	248913	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	416924	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	369002	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.003	223511	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	129241	48.0834	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	520141	50.0674	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	181614	50.4985	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167995	54.1508	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	156051	51.1443	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	168345	55.5498	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.001	155032	55.8371	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	164478	50.5953	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	94684	38.2198	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	110682	46.4678	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	248619	50.7152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	212797	47.9385	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	121049	45.7560	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.001	114320	50.1831	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	190550	47.9020	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.003	78339	488.4461	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	208008	51.6349	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	134080	48.3905	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	52701	47.3393	ug/L
Iodomethane	142.000	0.453	0.000	2.545	0.002	157902	47.0707	ug/L
2-Propanol	45.000	0.463	0.001	2.603	0.004	152371	934.2338	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.003	348976	51.7133	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	303736 LT	335.2059	ug/L
Methyl Acetate	43.000	0.495	0.000	2.785	0.001	113154	51.2407	ug/L

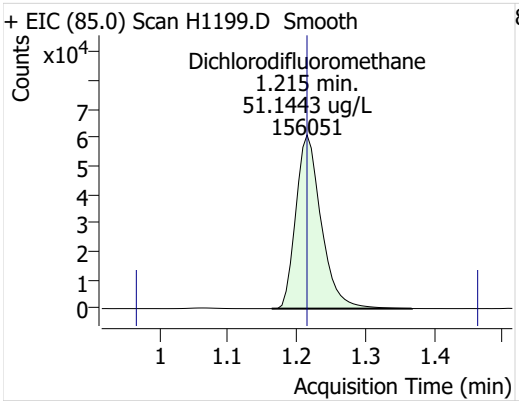
Masshunter Quantitative Analysis Sample Report

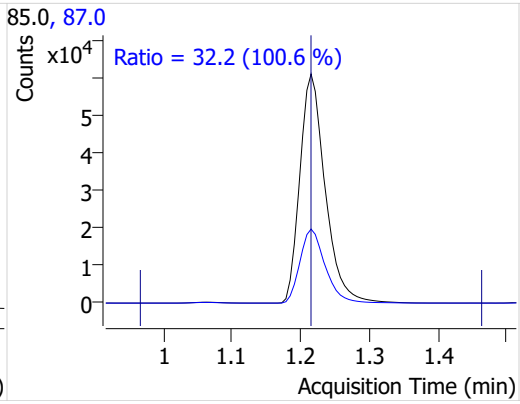
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	126301	46.6962	ug/L
TBA	59.000	0.538	0.000	3.026	0.000	225985	897.6870	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	308381	269.3168	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	187109	52.4805	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	361384	48.5097	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	231971	50.7832	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	210308	54.5598	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	109772	51.1705	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	439921	56.3844	ug/L
ETBE	59.000	0.791	0.001	4.446	0.004	376717	51.5962	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.002	138299	48.5408	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	160762	47.1090	ug/L
2-Butanone	43.000	0.830	0.001	4.669	0.004	69221	49.4112	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.003	115311	262.0416	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	89016	44.4717	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.019	0.002	60185	52.5065	ug/L
Tetrahydrofuran	42.000	0.919	0.001	5.166	0.004	45773	53.8636	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	227055	48.3271	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	189858	49.2525	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	196693	50.8429	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.002	167730	47.0494	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	160286	48.3303	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	484396	48.5453	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	196561	50.9369	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	101963	1045.5171	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	329934	48.6953	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.002	199758	57.4056	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	139175	45.3791	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	174679	2543.7289	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	197469	54.5858	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	138027	50.3027	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	83498	42.6349	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	35249	872.8186	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	91996	48.8783	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	173672	47.7328	ug/L
2-Nitropropane	43.000	1.183	0.000	7.889	0.002	91621	102.3986	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.019	0.001	52118	63.6766	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	170907	47.2269	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	142349	53.6731	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	537957	49.2642	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	149919	47.1517	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	163805	49.3784	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	120883	48.0339	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	125023	44.8744	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	207373	48.6081	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	49338	47.3253	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	140282	47.1909	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	210873	52.9469	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	120906	48.8186	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	360142	46.5932	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	166888	41.4576	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	158209	41.4365	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	131291	48.7877	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	603569	50.4950	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	940452	104.4474	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	486255	50.5795	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	395022	48.8965	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	84865	46.6725	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	169818	42.1315	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	562132	51.7714	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	151385	342.0634	ug/L

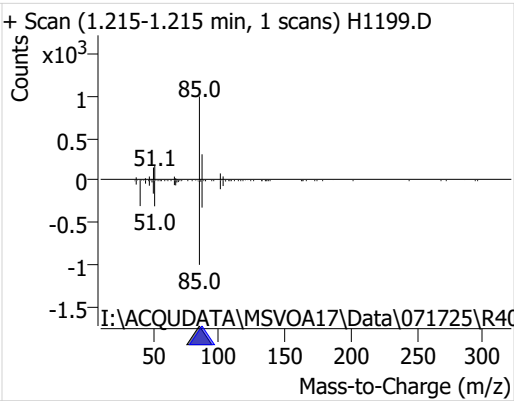
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	167865	47.3038	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	153552	43.4699	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	206591	47.1013	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	46607	54.6611	ug/L
Propyl Benzene	91.100	0.939	0.000	11.219	0.006	740301	52.2156	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.006	418021	49.0183	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.005	395408	46.0429	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	542594	50.1839	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	577214	49.7611	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	512916	48.1236	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.006	544304	51.3877	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	132382	42.1662	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	698926	51.2729	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	300239	44.6245	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	599864	50.9635	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	311906	44.0048	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	118818	41.0082	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	136460	40.9247	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	298085	45.3479	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	559175	52.8346	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	37727	42.7017	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	837668	139.4889	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	219911	43.1029	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.007	615546	95.2196	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	214204	45.0589	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	81892	46.2683	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	593306	49.0388	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	204052	44.5059	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	156818	46.1877	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	151875	50.1597	ug/L

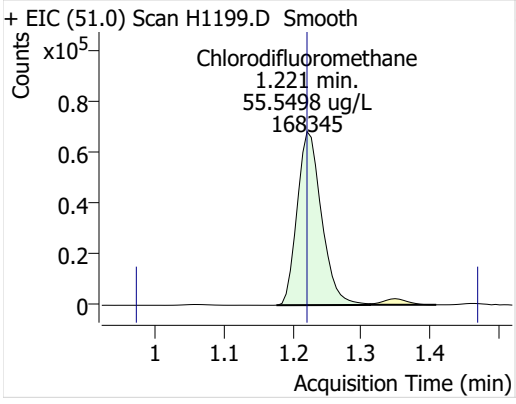
Dichlorodifluoromethane

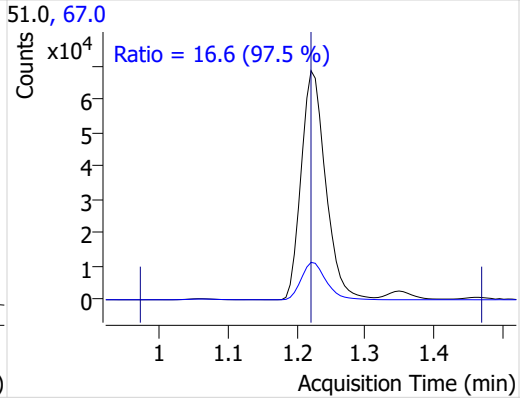


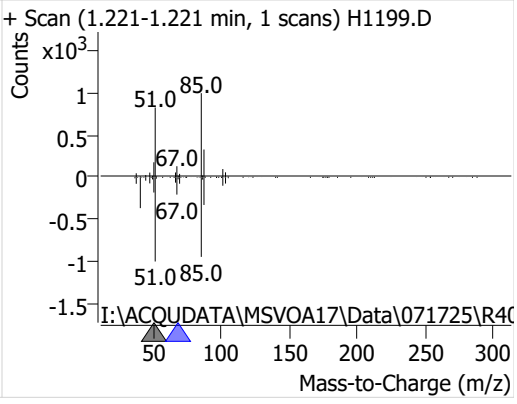




Chlorodifluoromethane

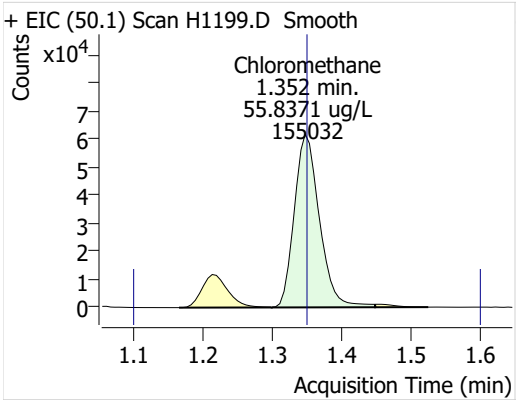


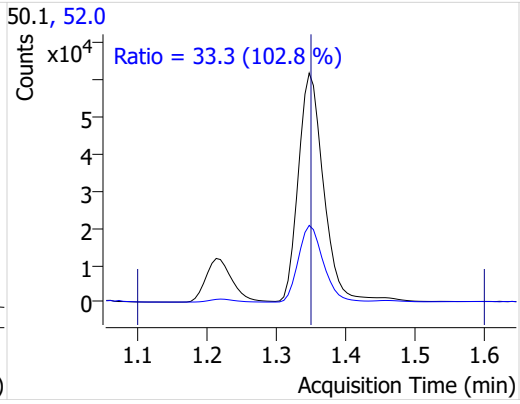


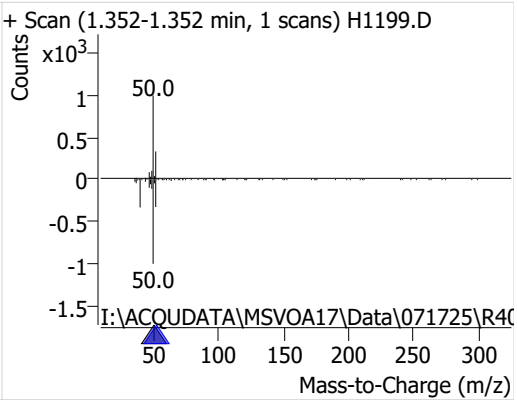


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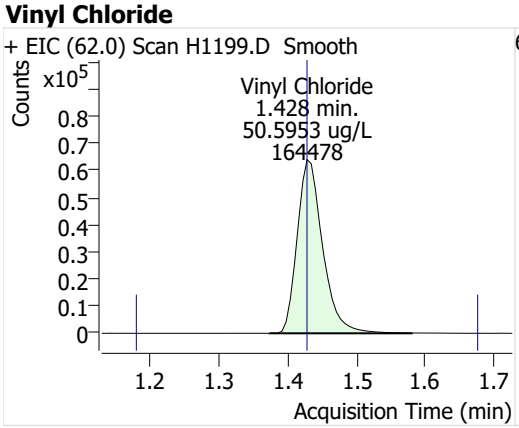
Chloromethane

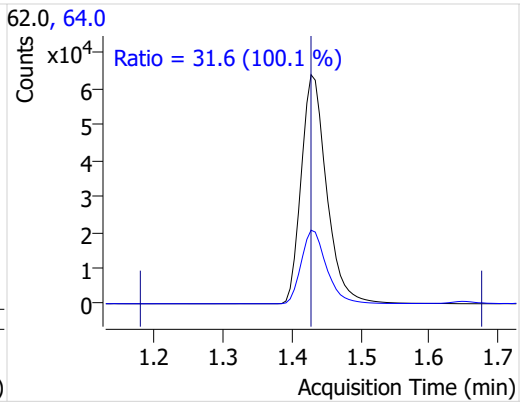


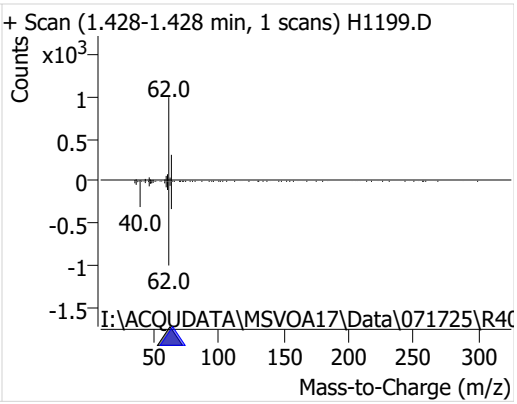




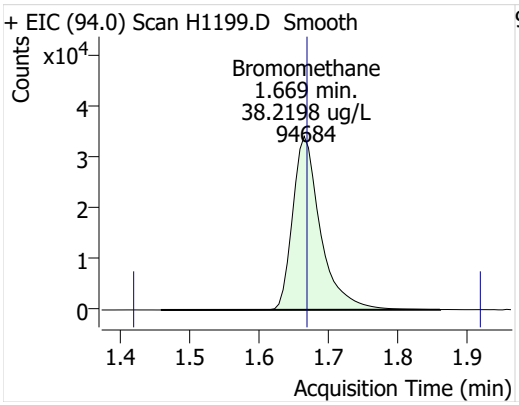
Vinyl Chloride

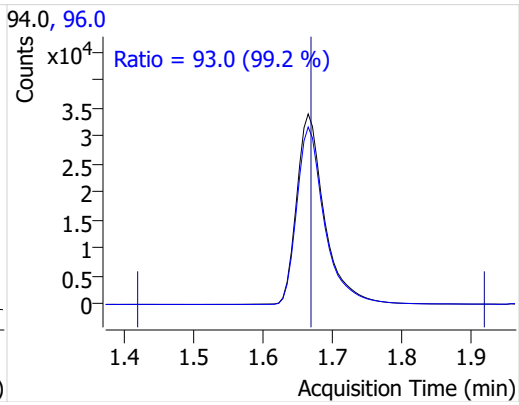


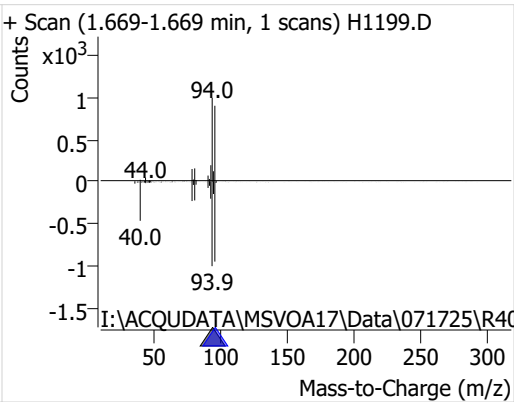




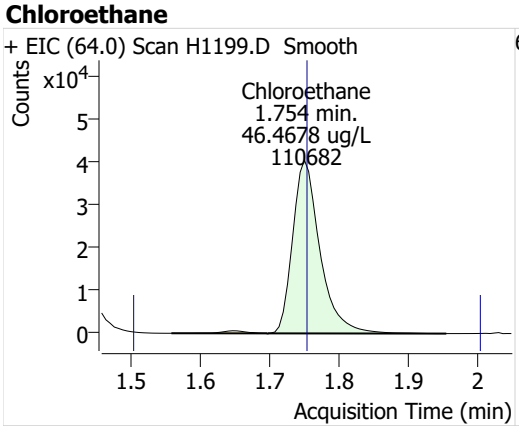
Bromomethane

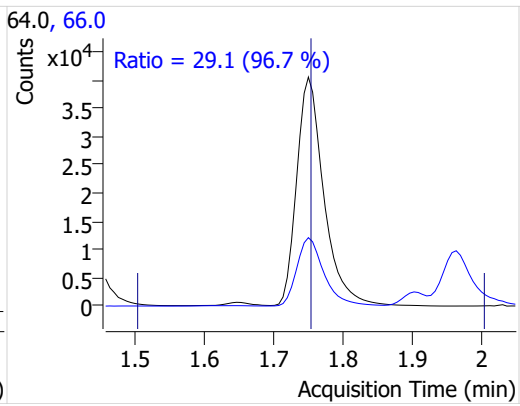


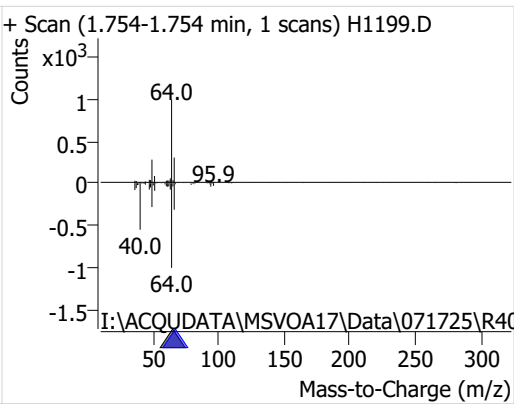




Chloroethane

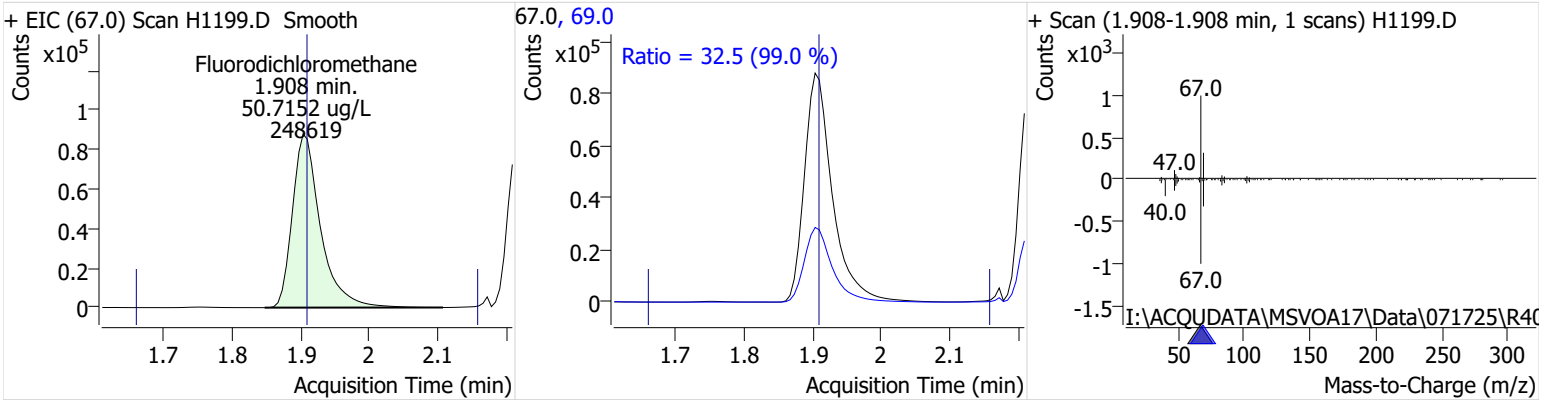




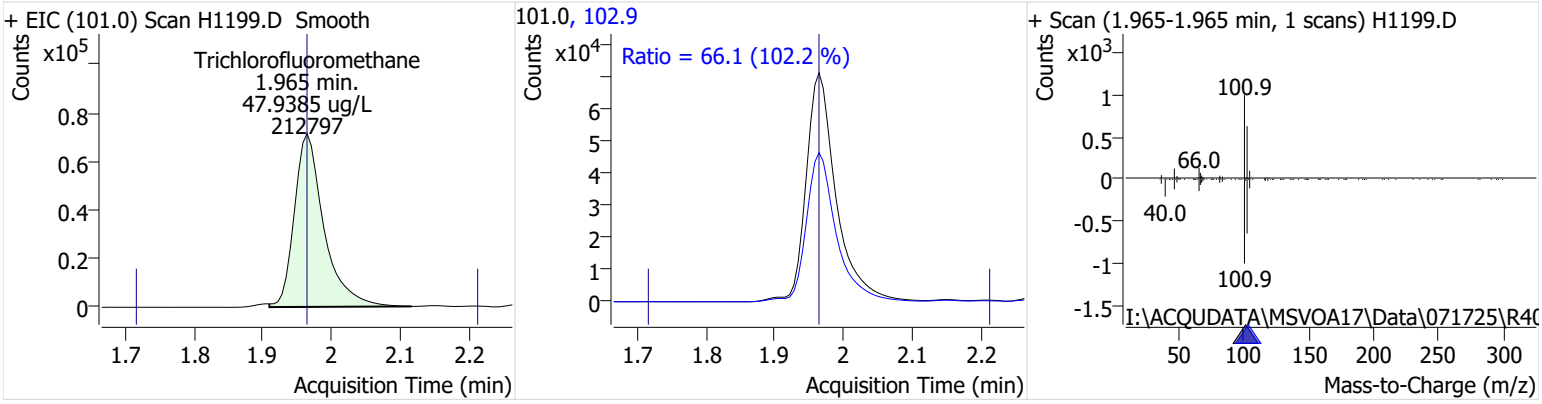


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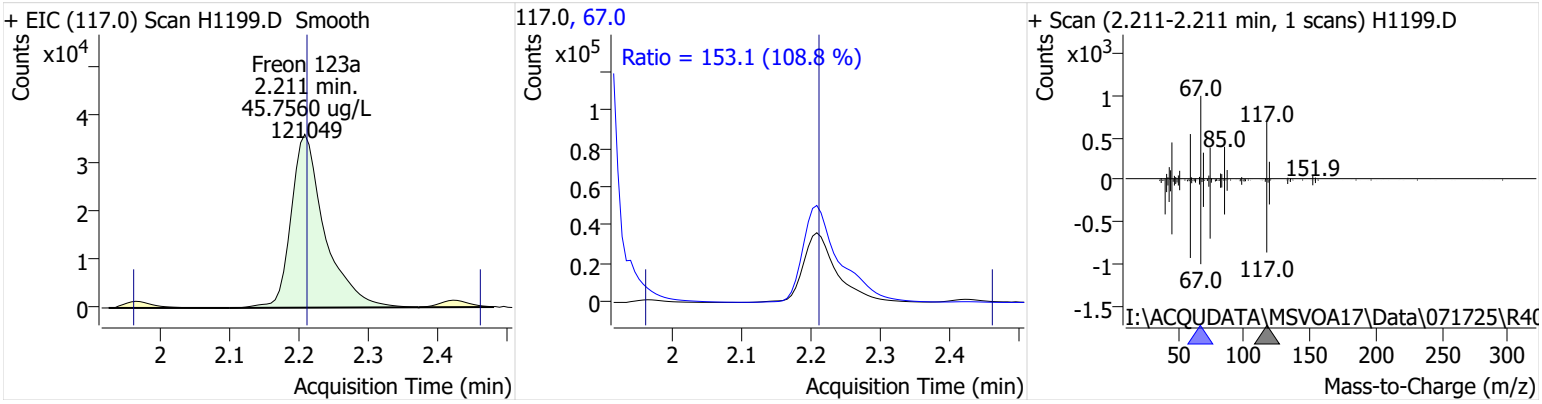
Fluorodichloromethane



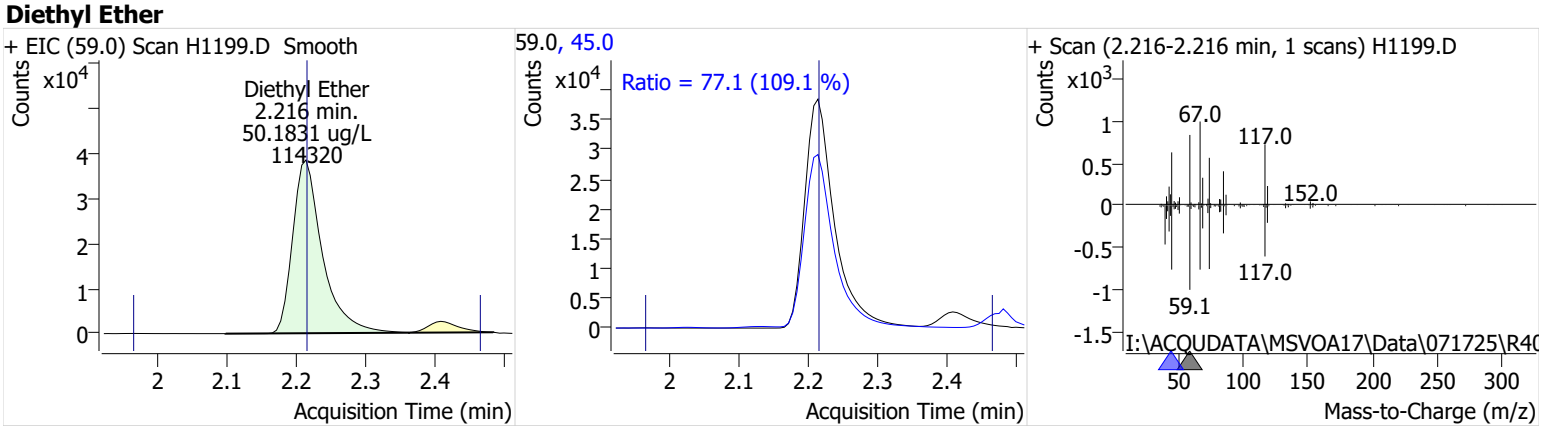
Trichlorofluoromethane



Freon 123a

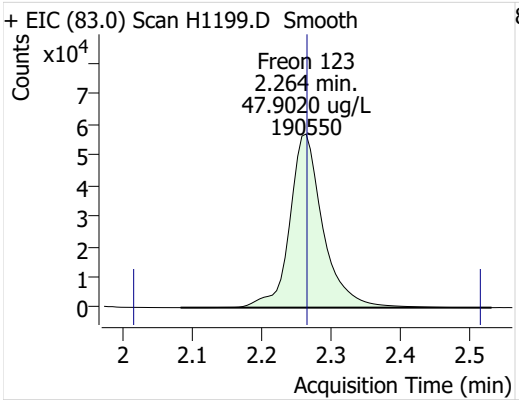


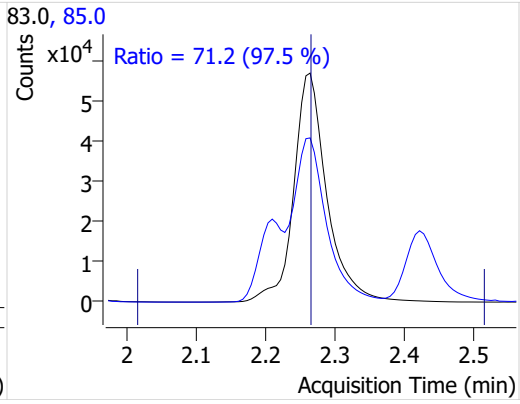
Diethyl Ether

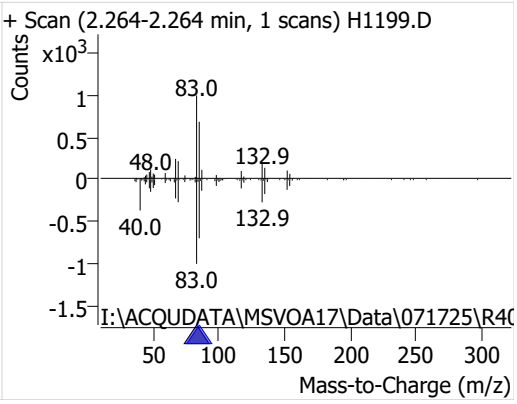


Masshunter Quantitative Analysis Sample Report

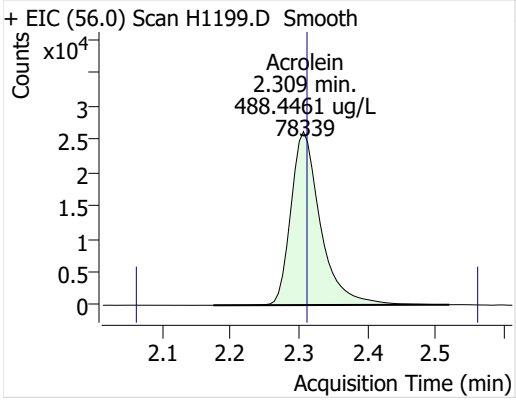
Freon 123

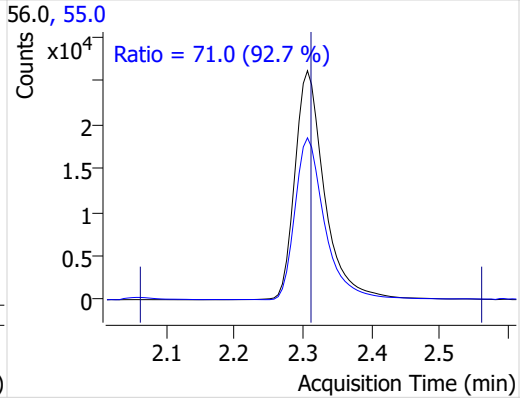


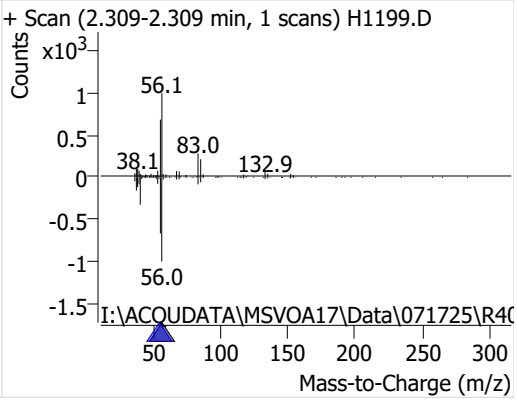




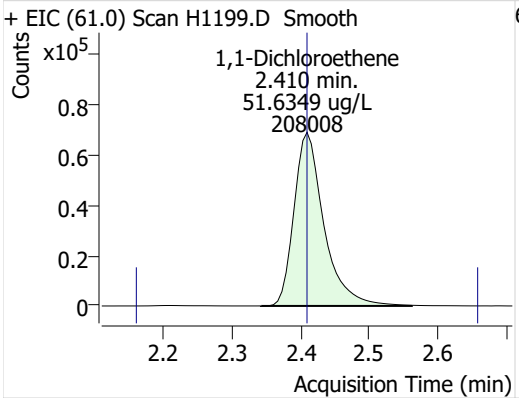
Acrolein

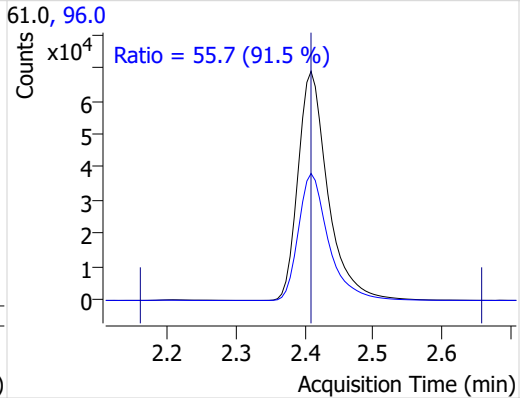


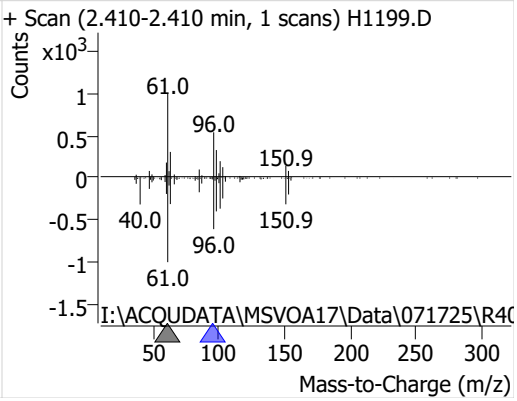




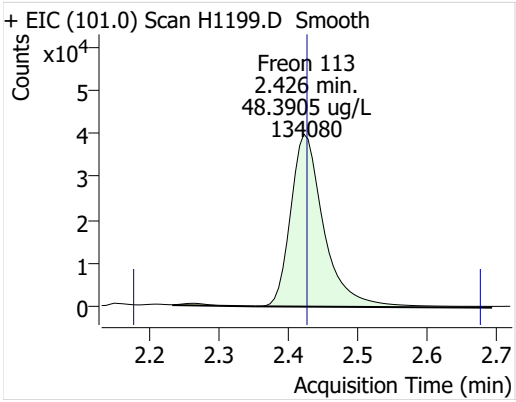
1,1-Dichloroethene

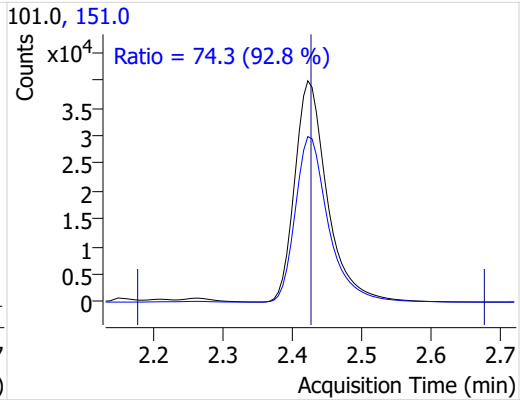


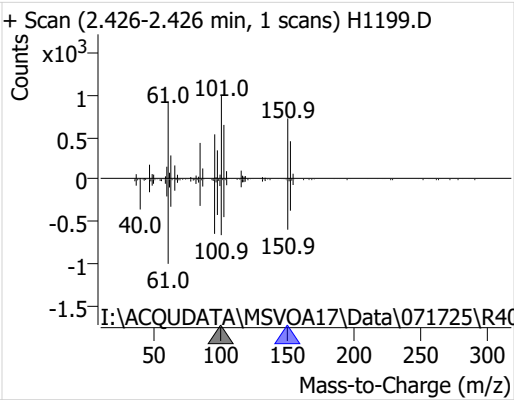




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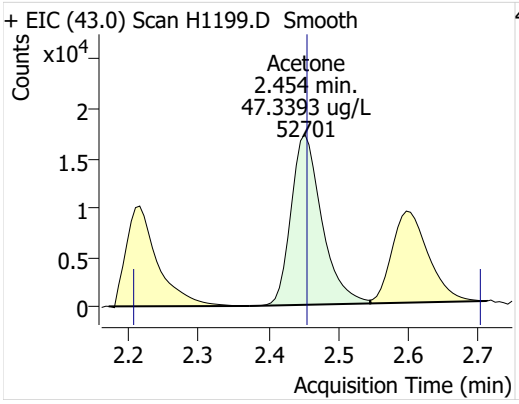


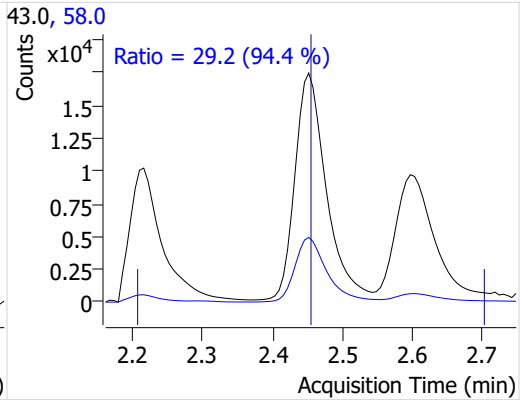


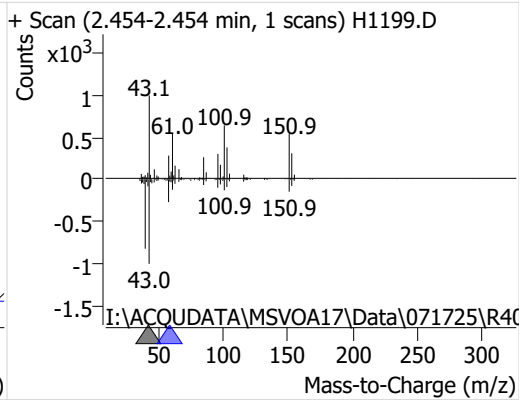


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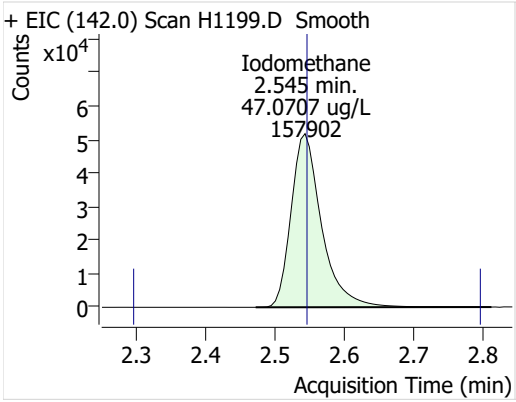
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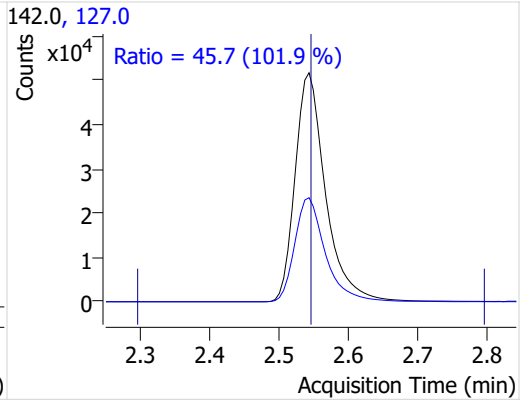


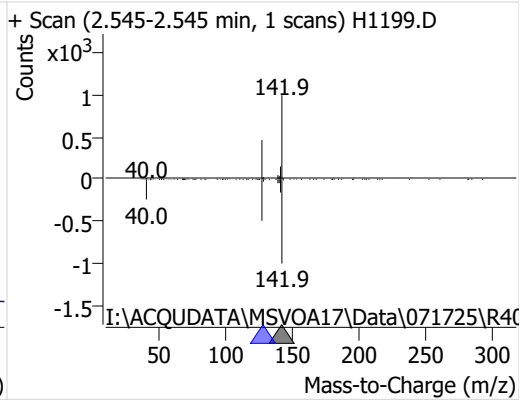




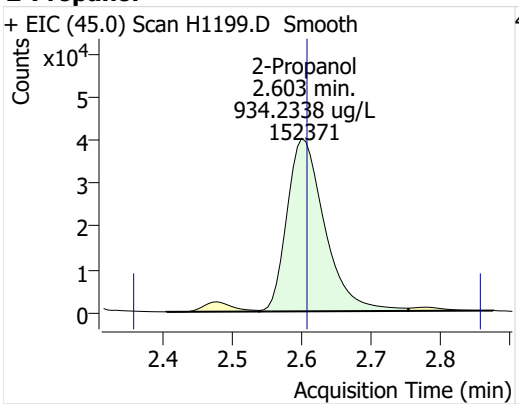
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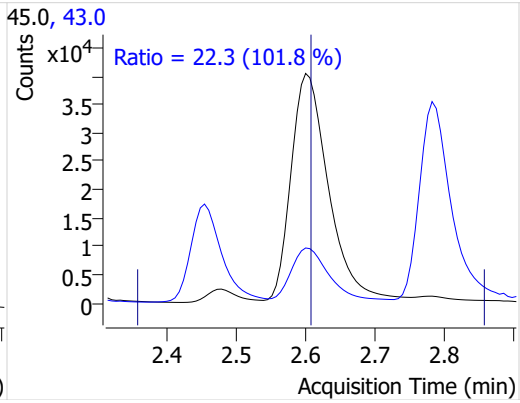


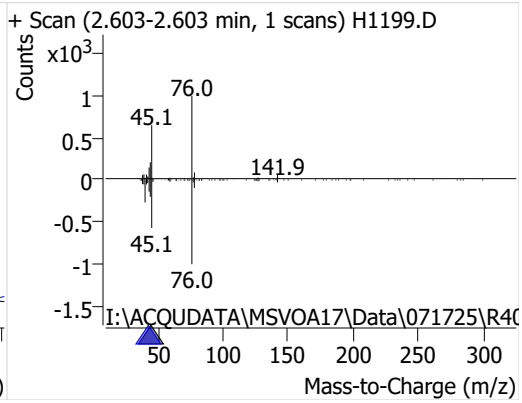




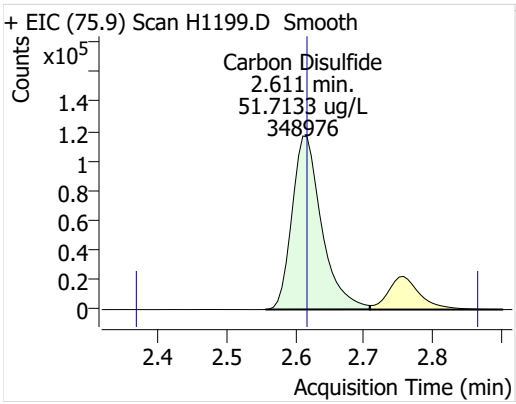
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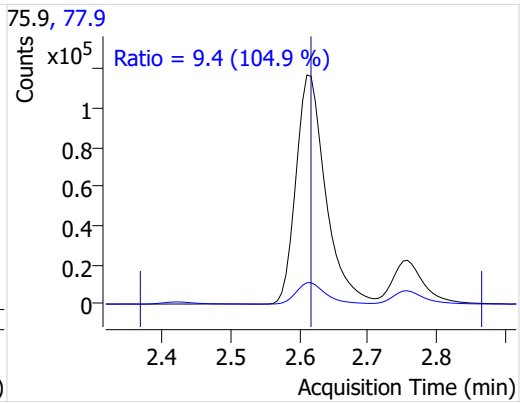


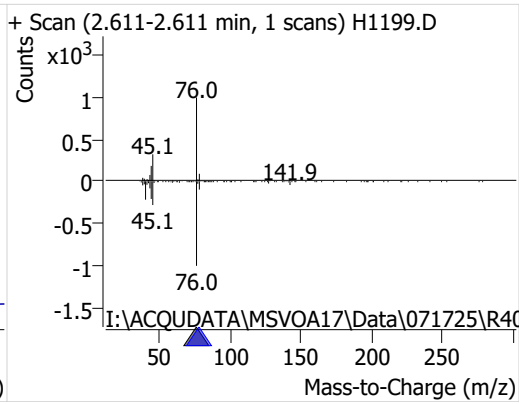




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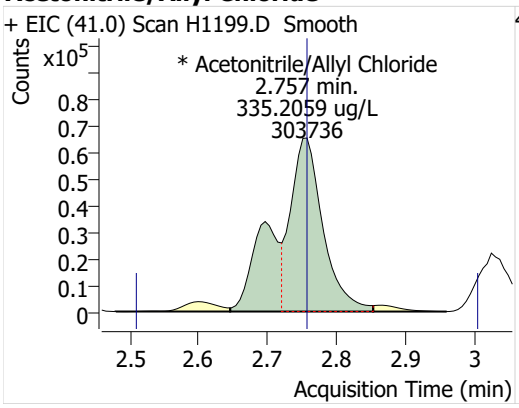


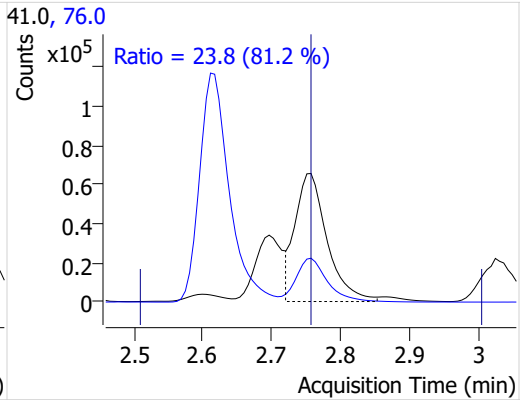


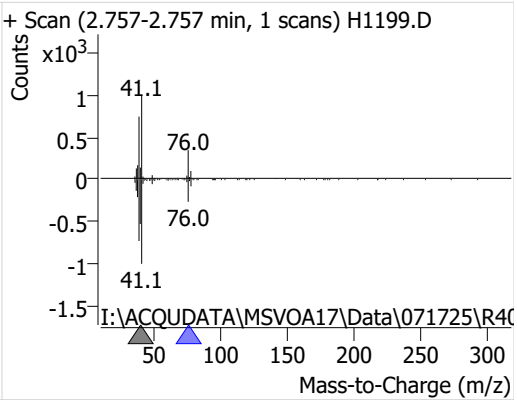


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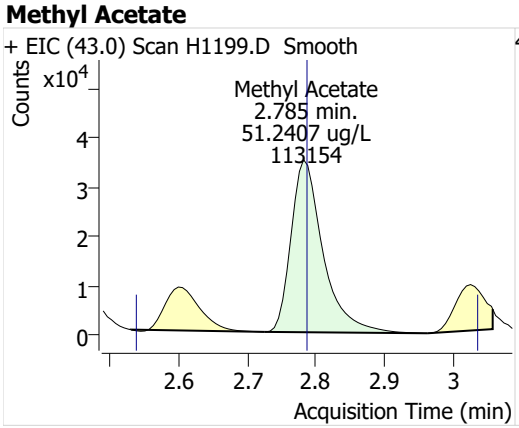
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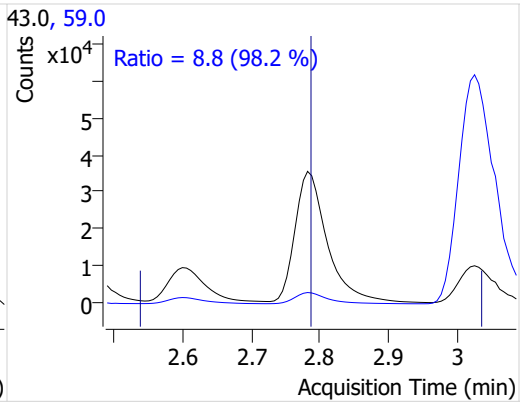


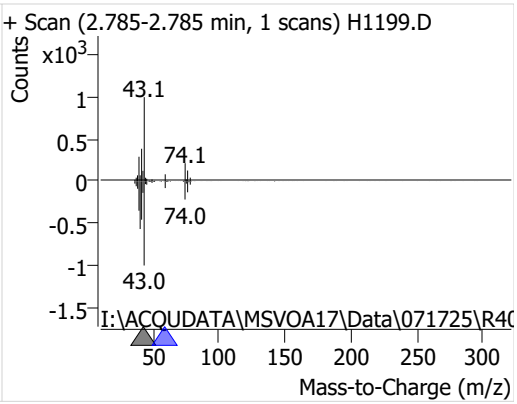




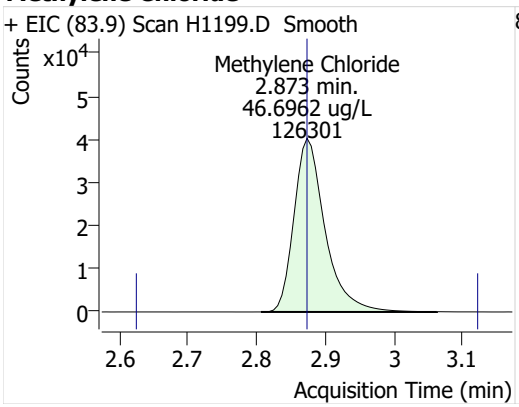
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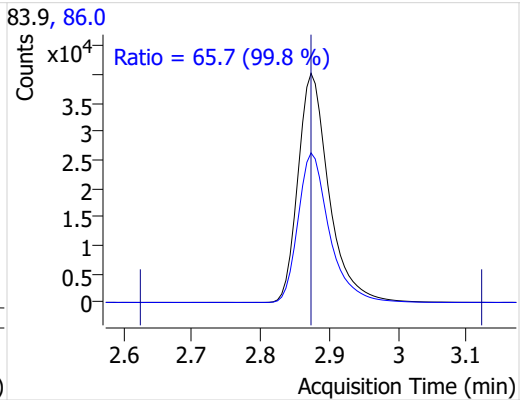


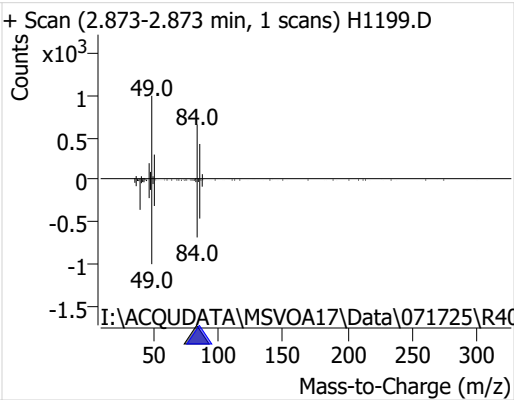




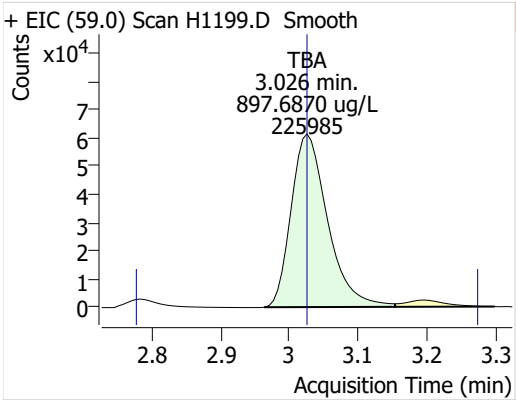
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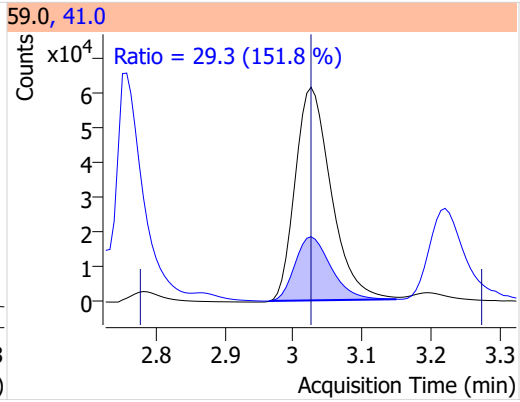


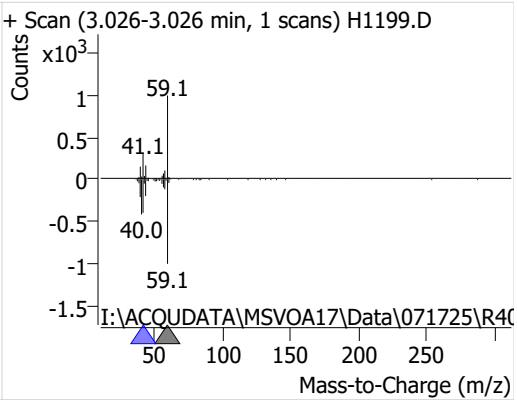




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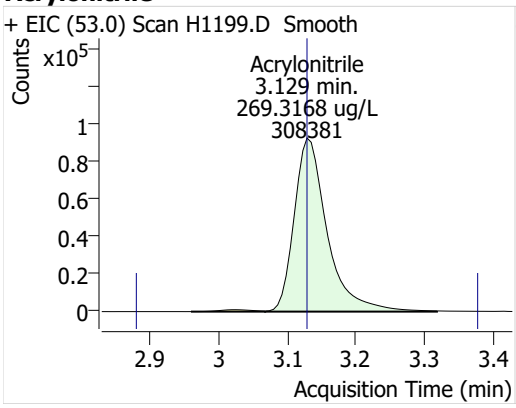


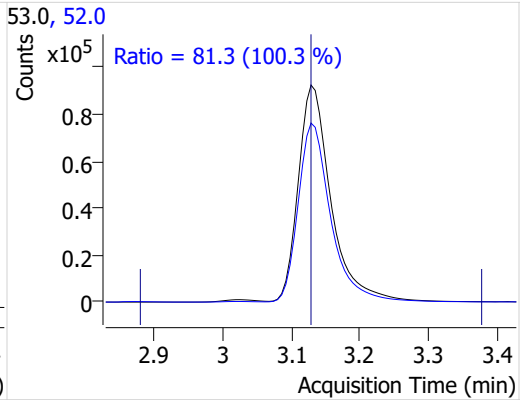


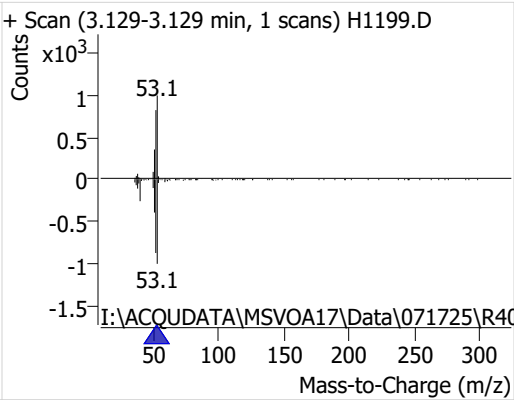


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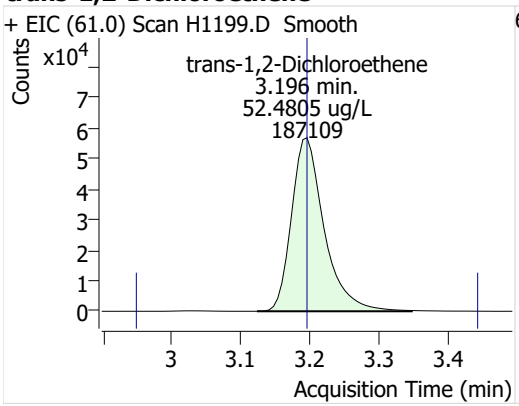
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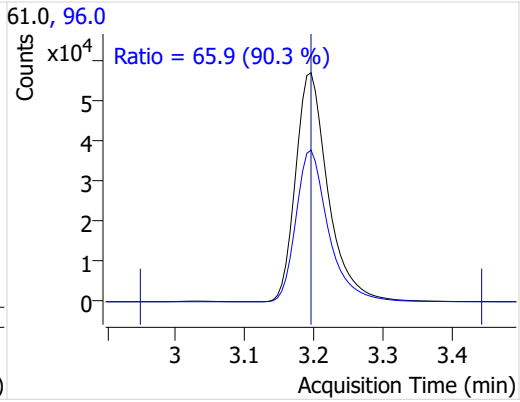


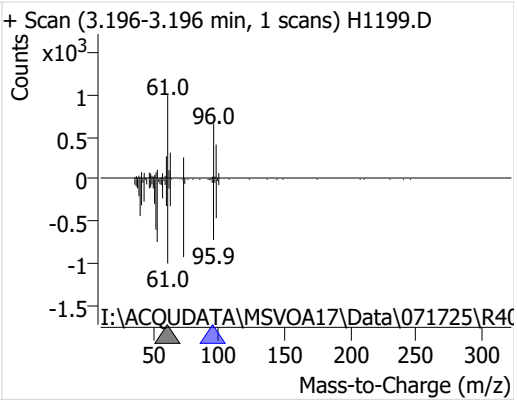




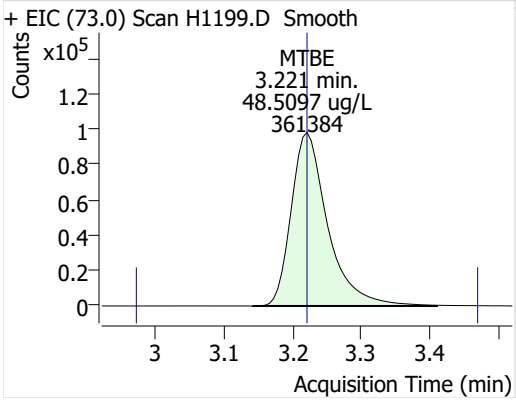
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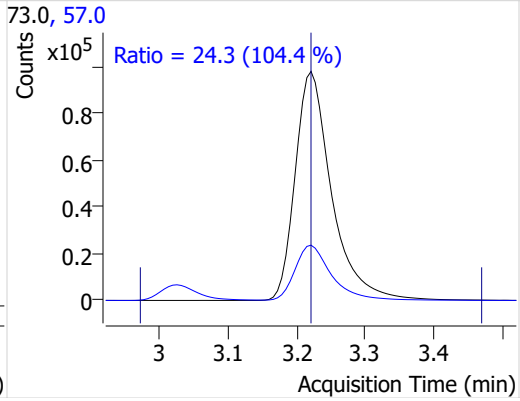


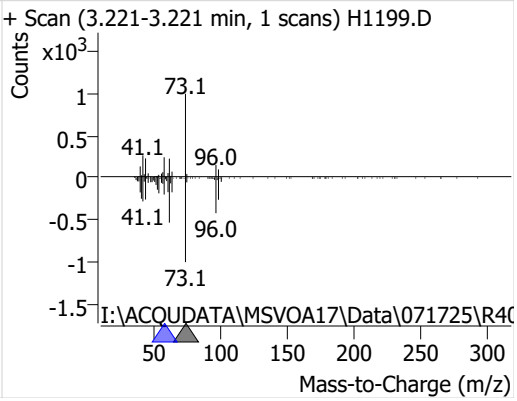




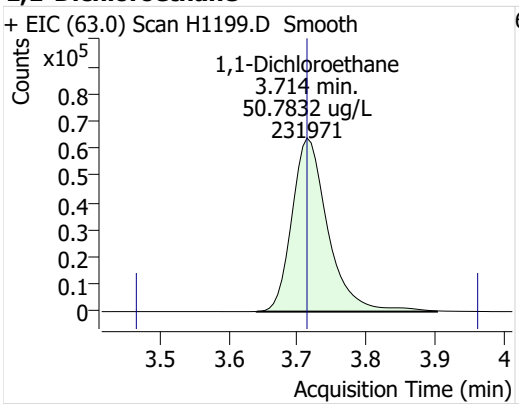
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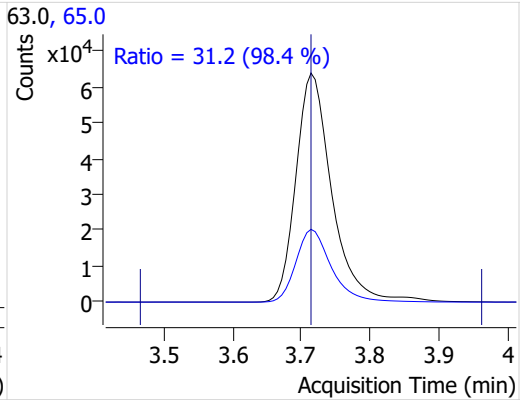


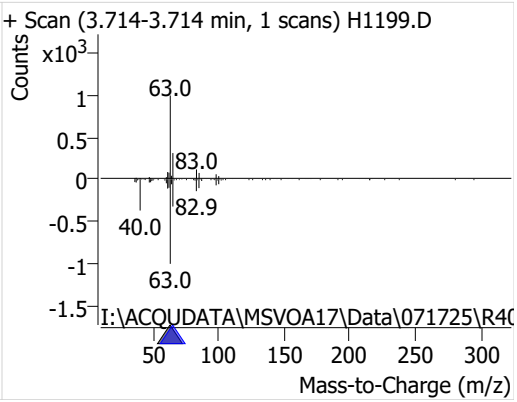




1,1-Dichloroethane

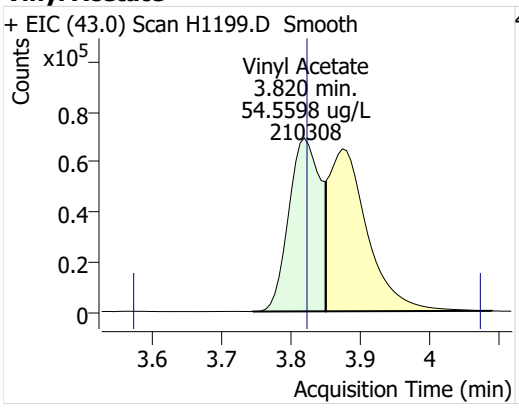


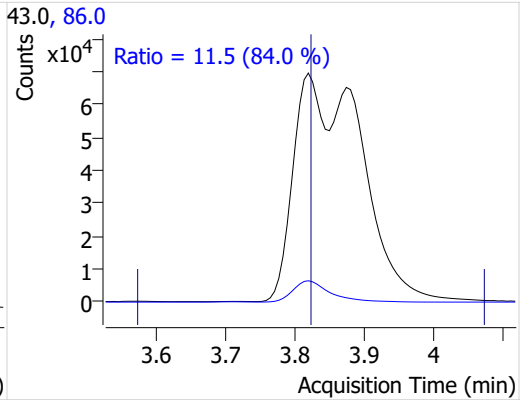


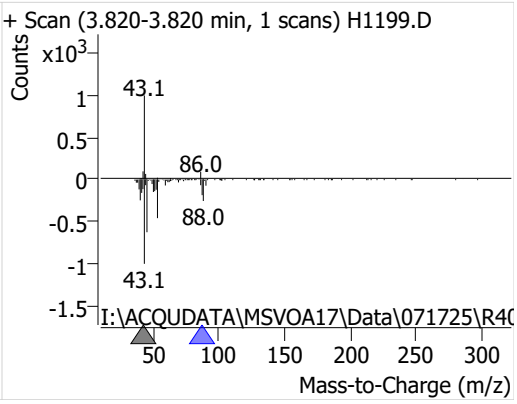


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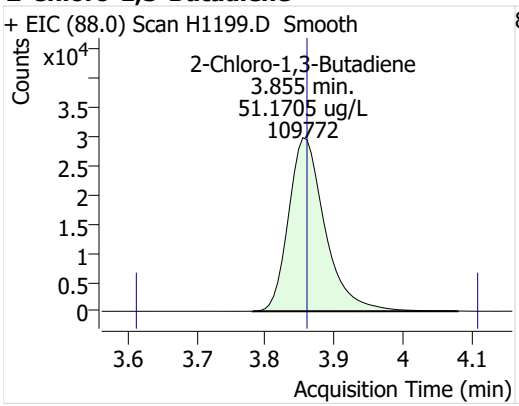
Vinyl Acetate

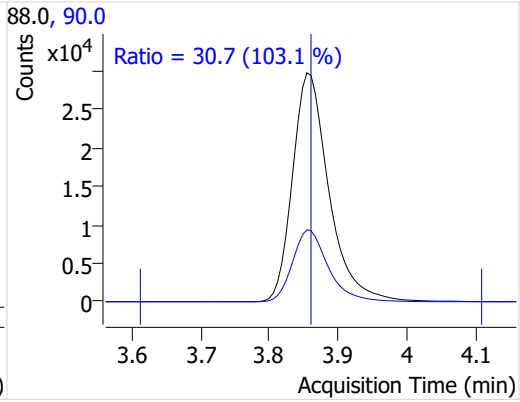


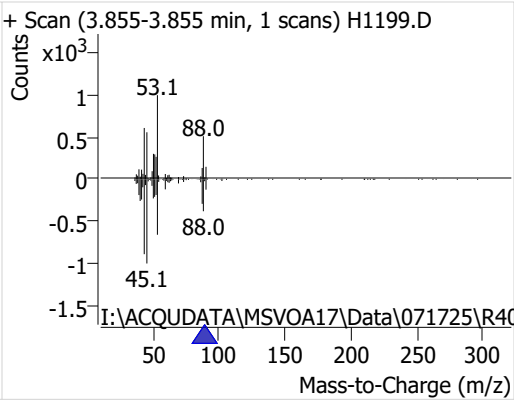




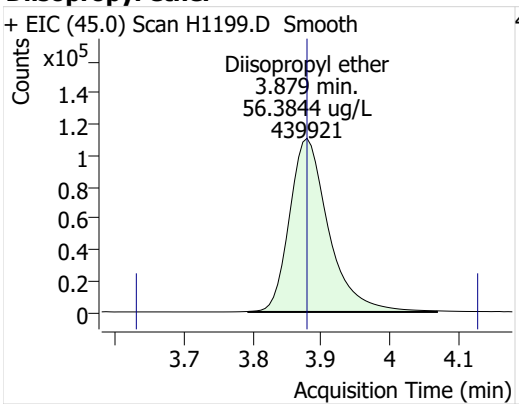
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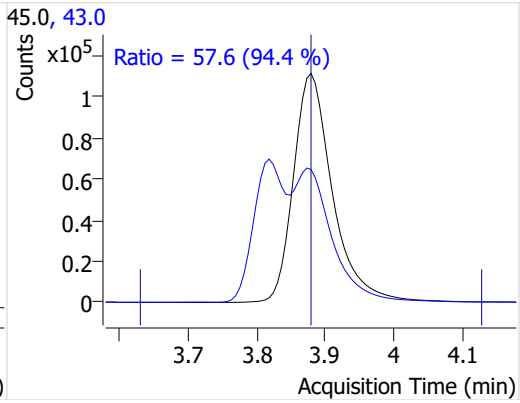


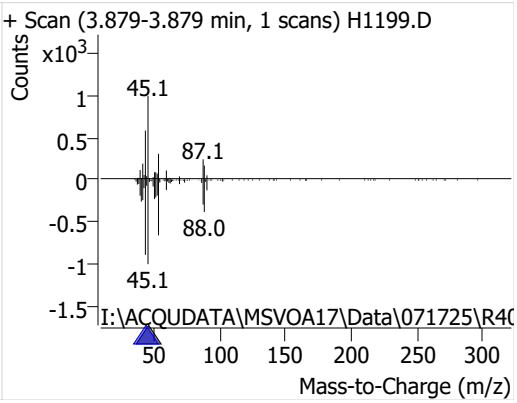




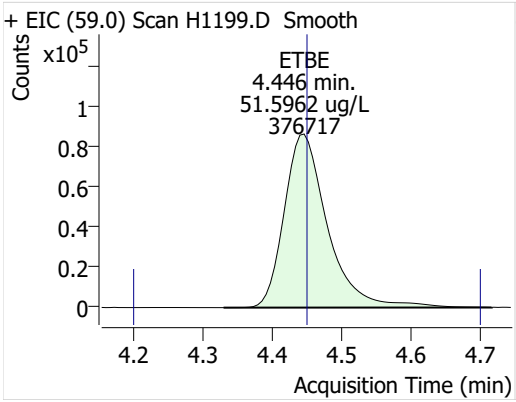
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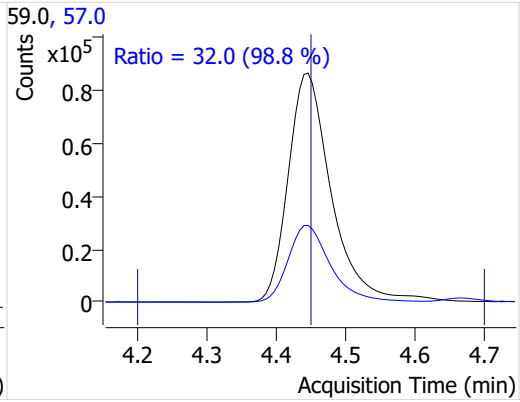


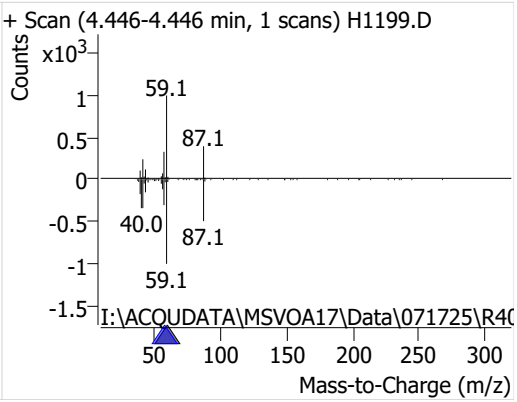




ETBE

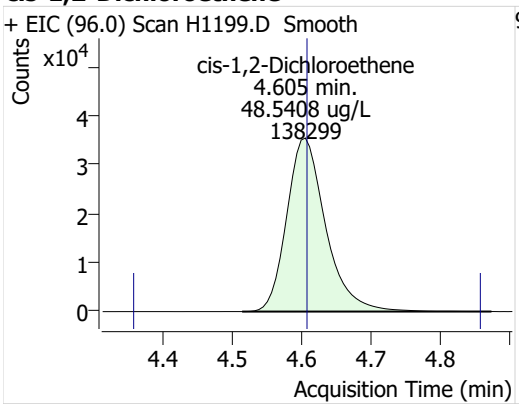


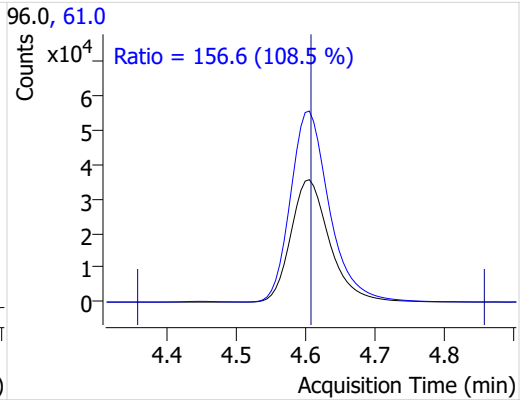


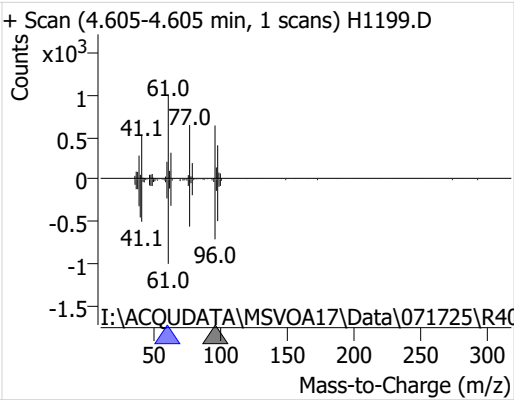


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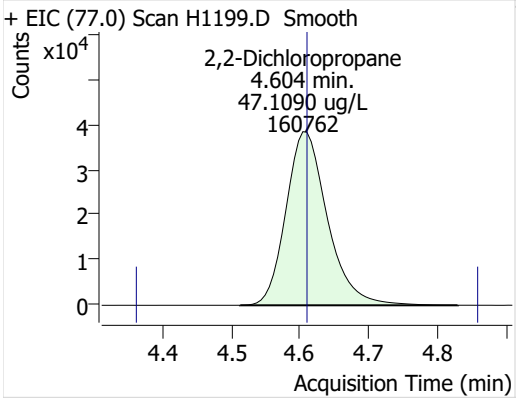
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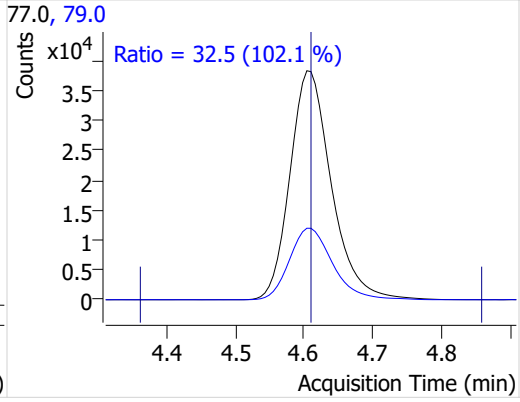


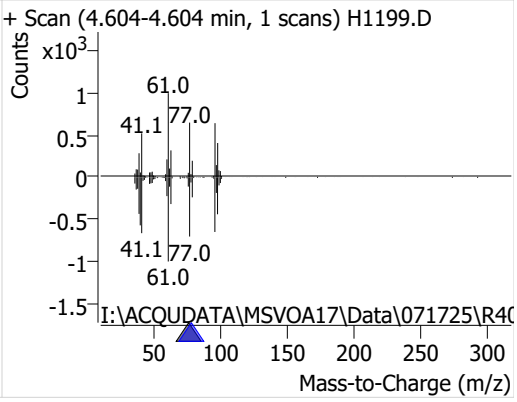




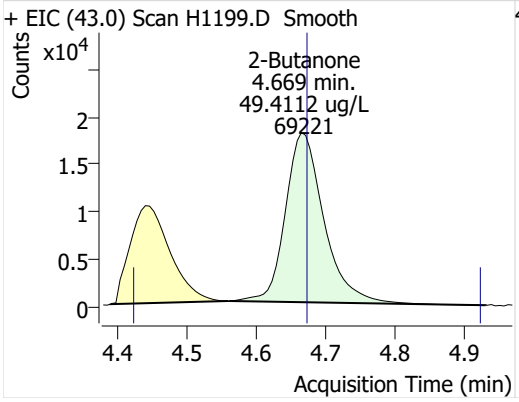
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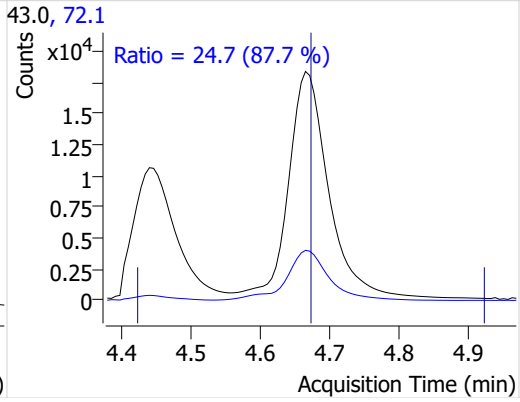


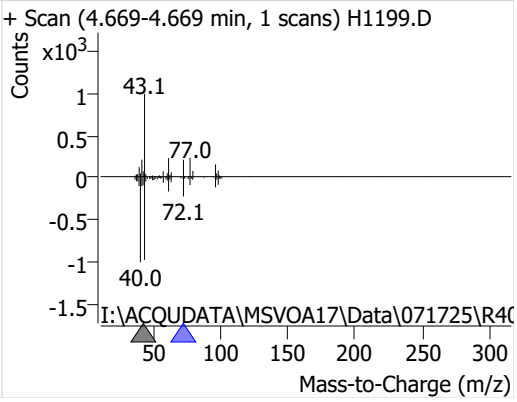




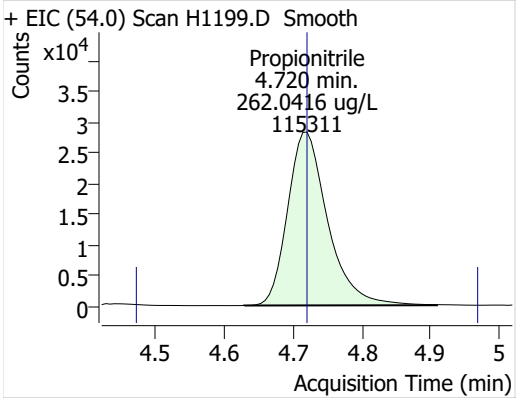
2-Butanone

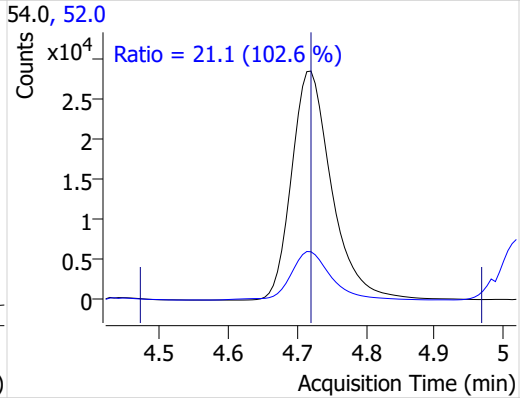


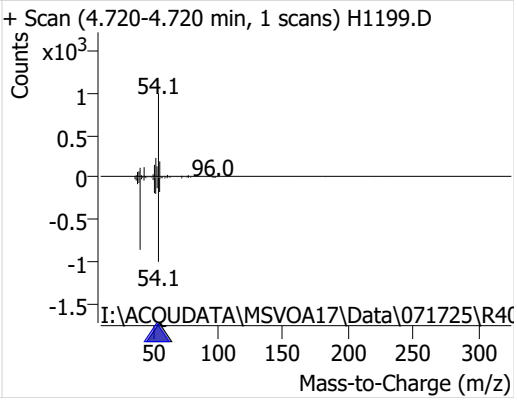




Propionitrile

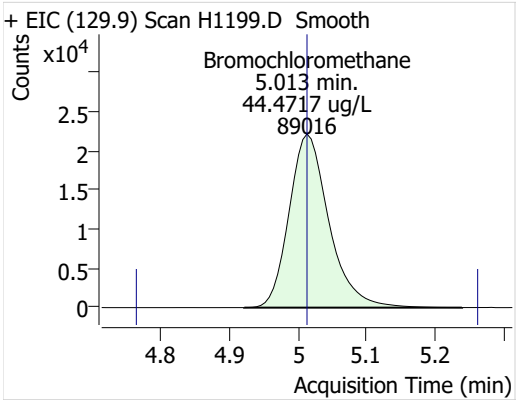


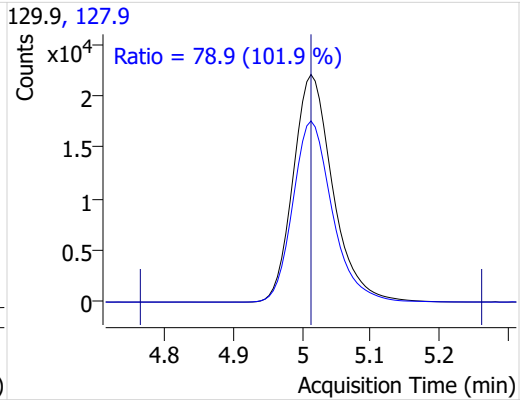


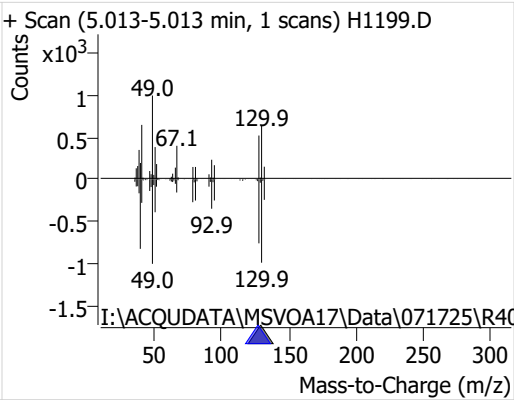


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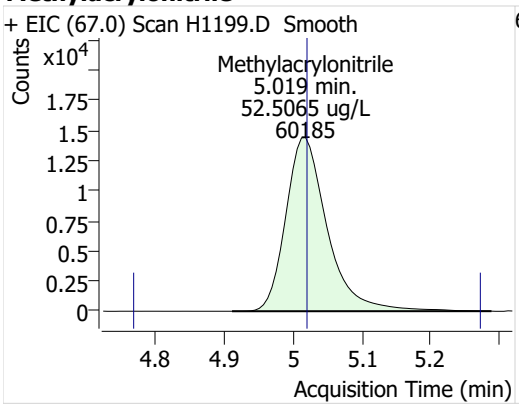
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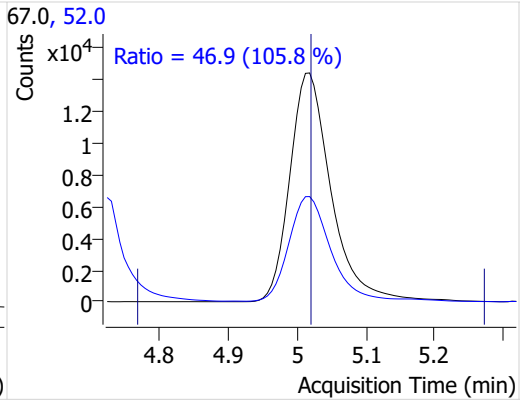


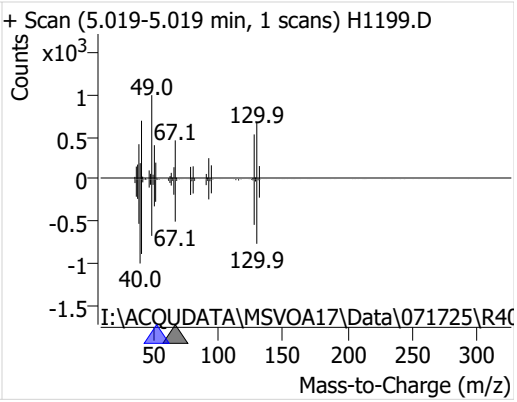




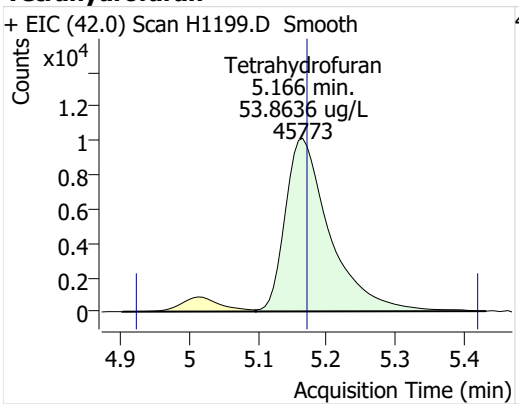
Methylacrylonitrile

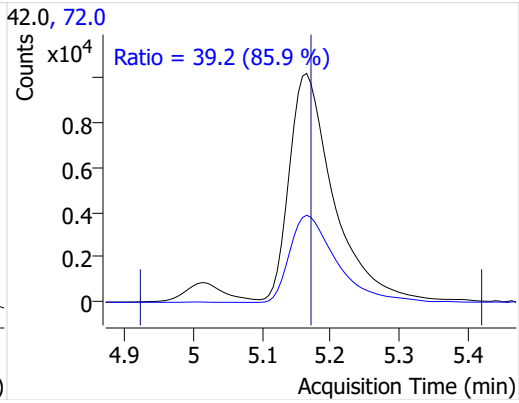


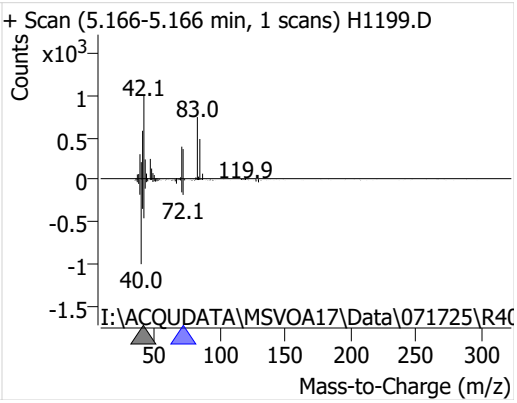




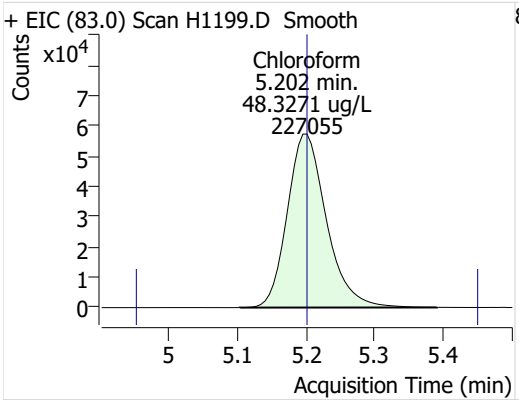
Tetrahydrofuran

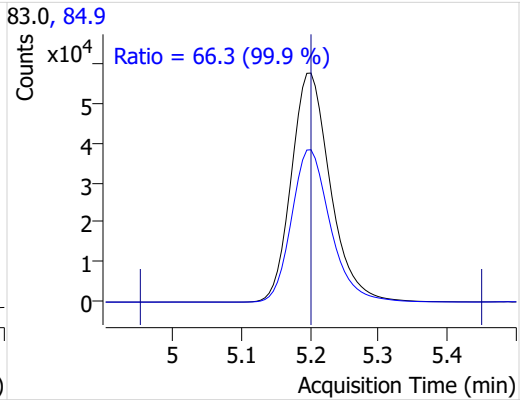


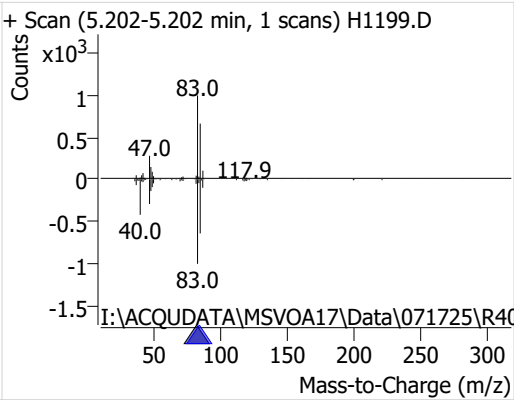




Chloroform

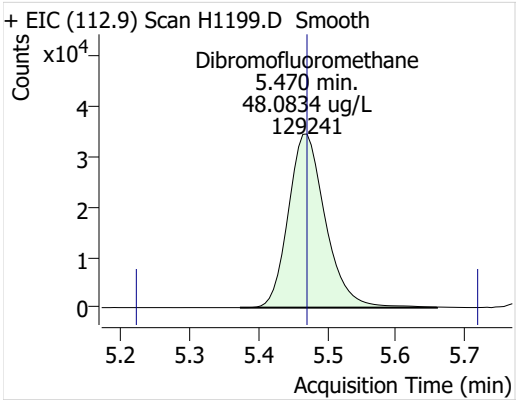


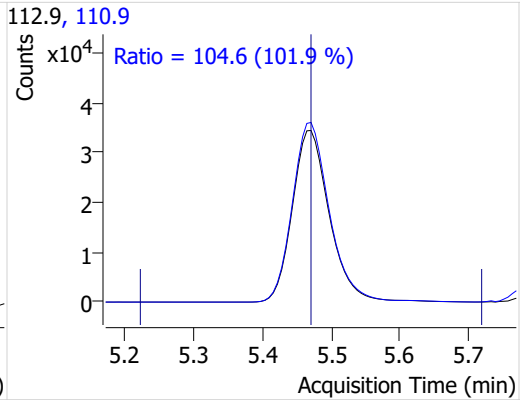


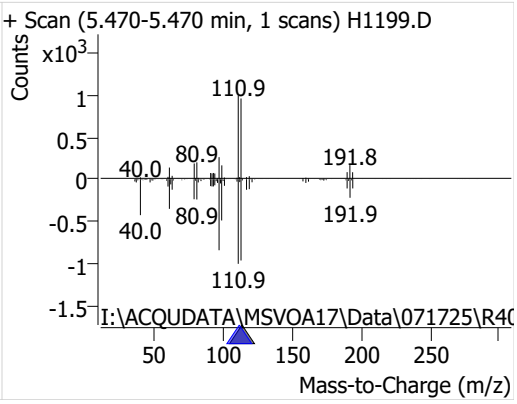


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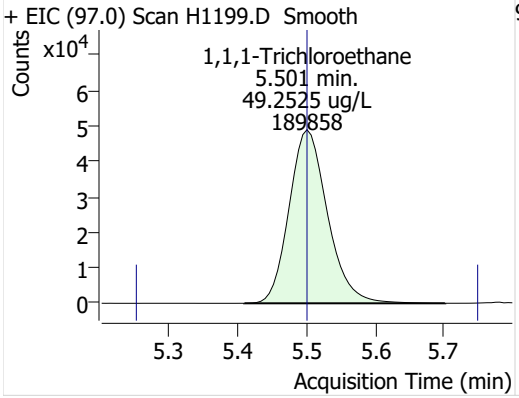
Dibromofluoromethane

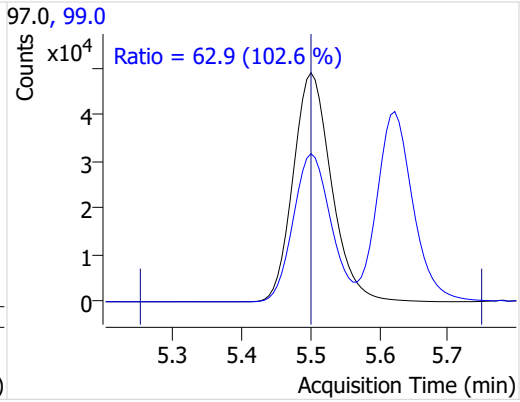


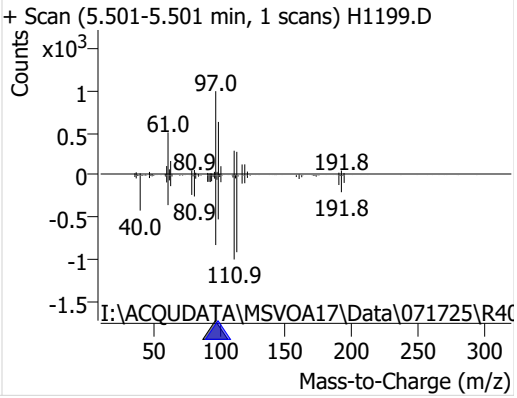




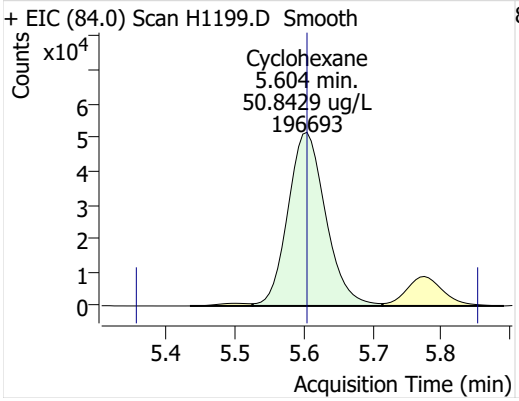
1,1,1-Trichloroethane

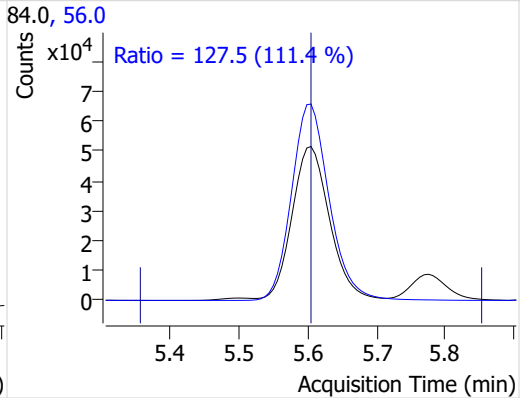


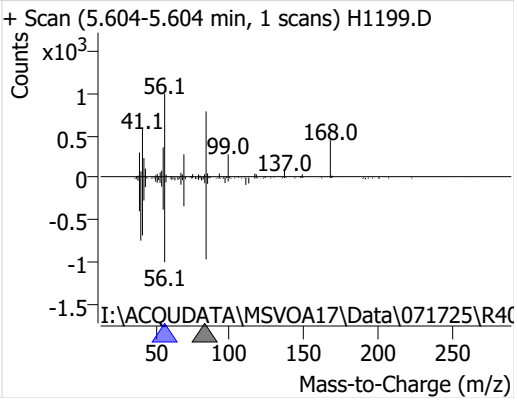




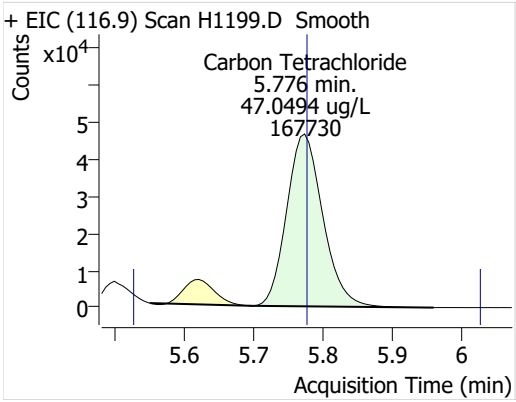
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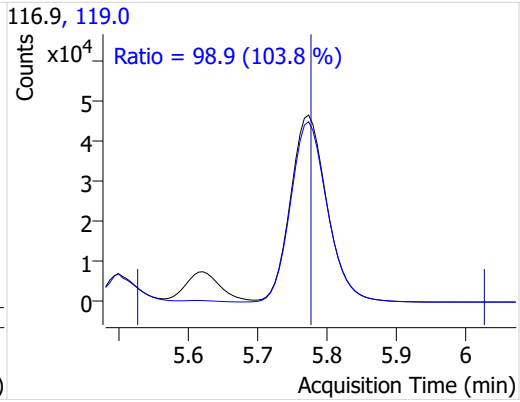


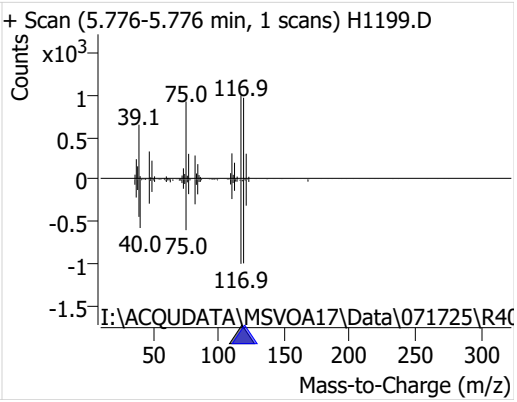




Carbon Tetrachloride

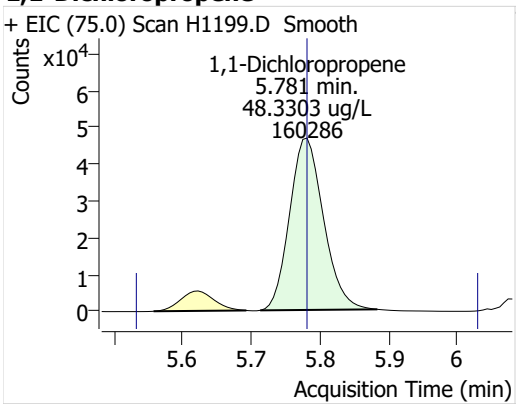


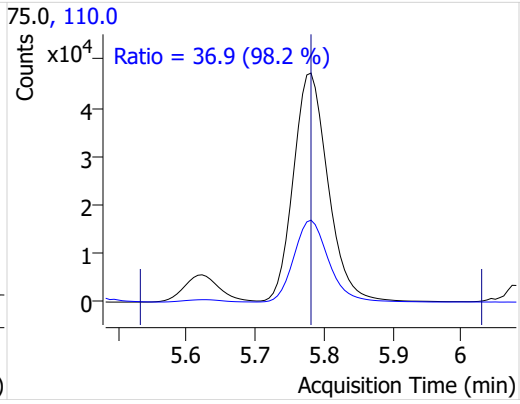


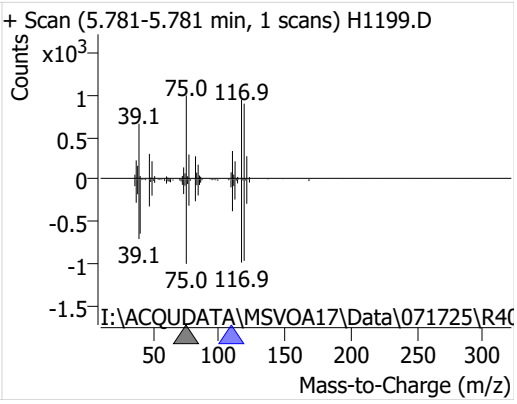


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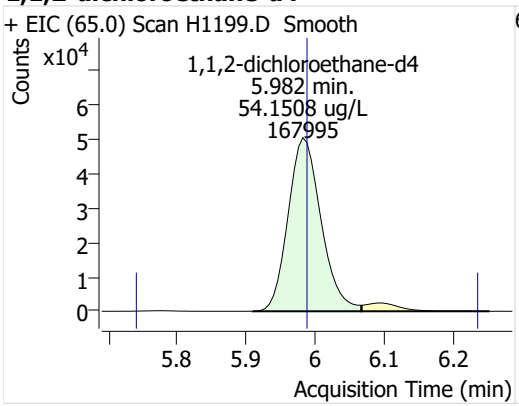
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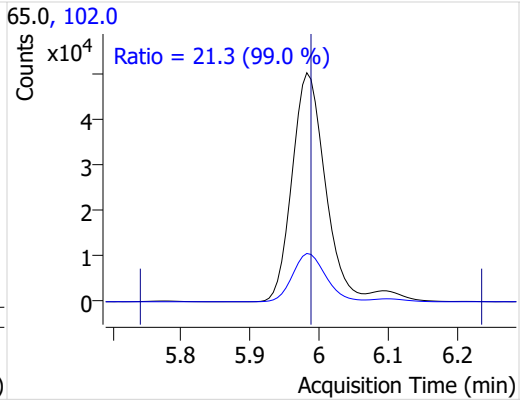


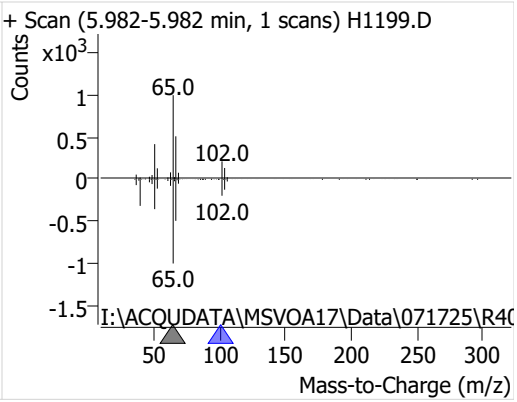




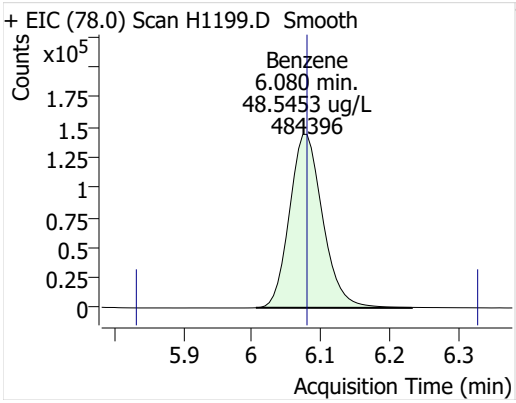
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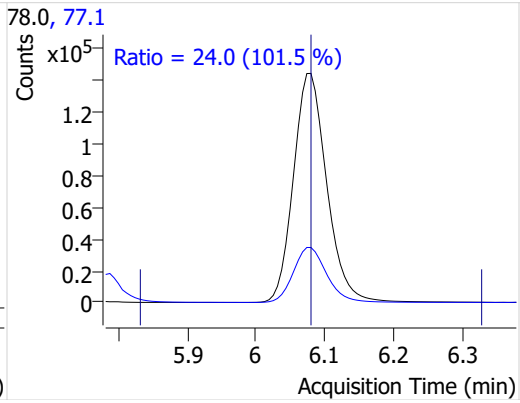


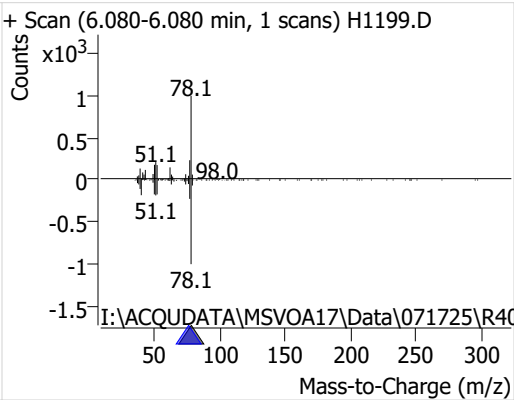




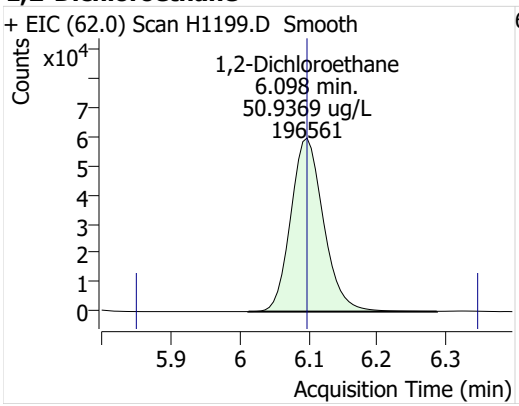
Benzene

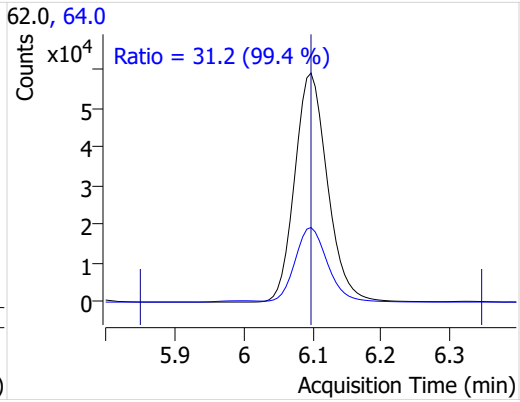


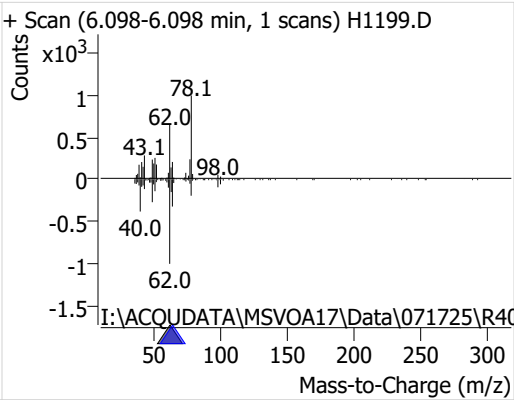




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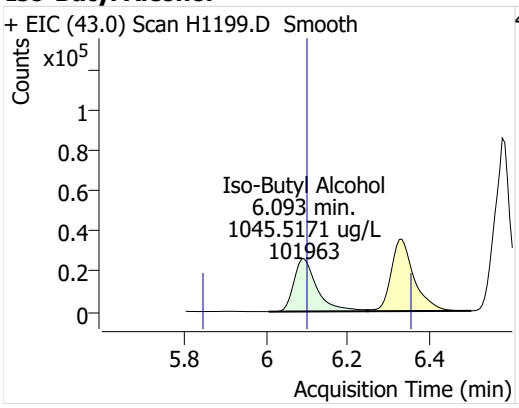


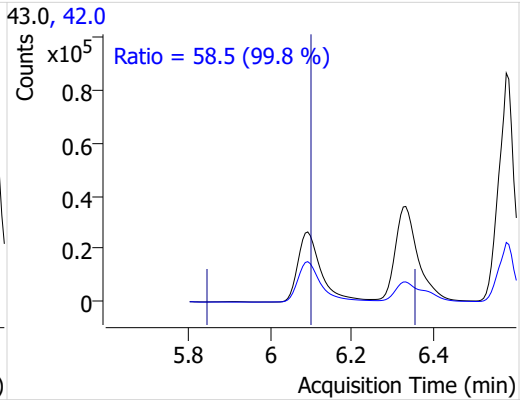


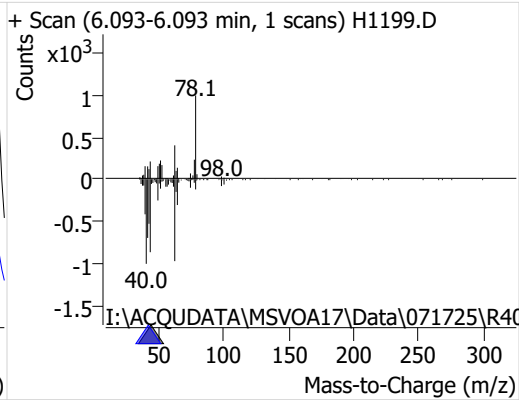


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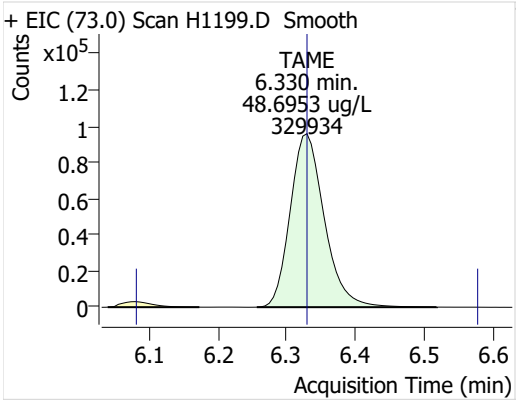
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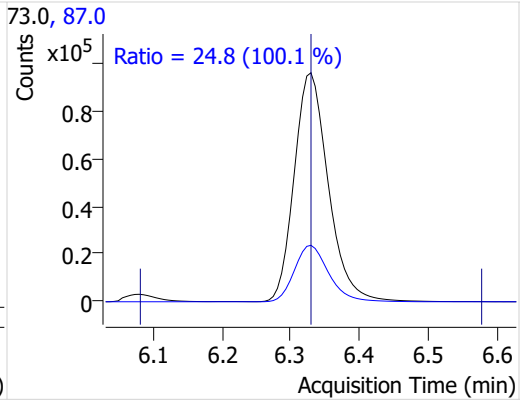


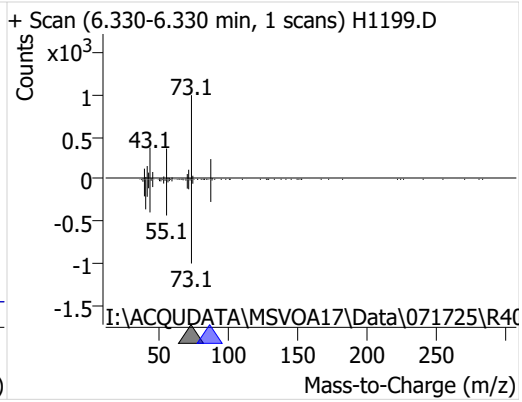




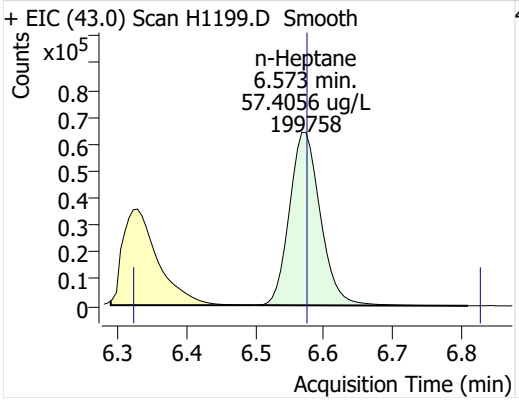
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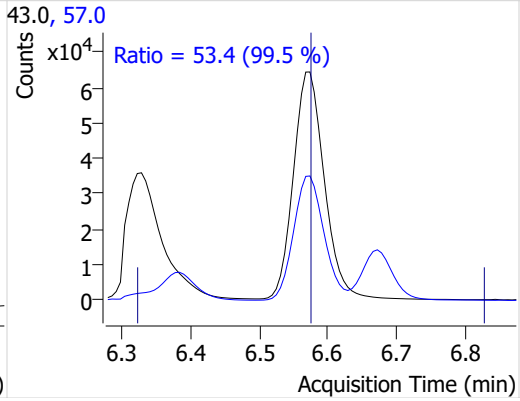


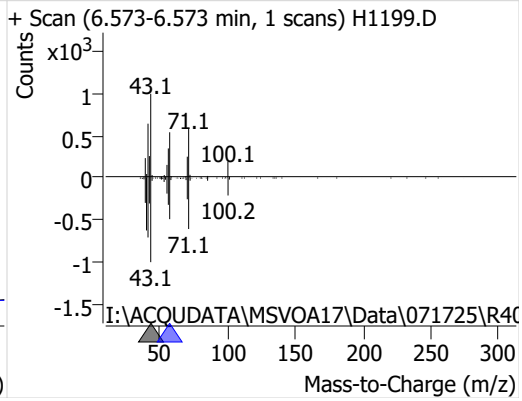




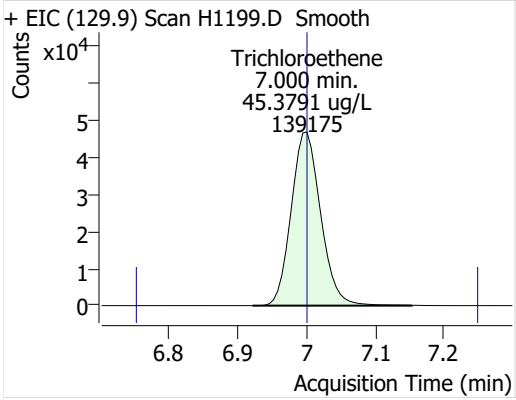
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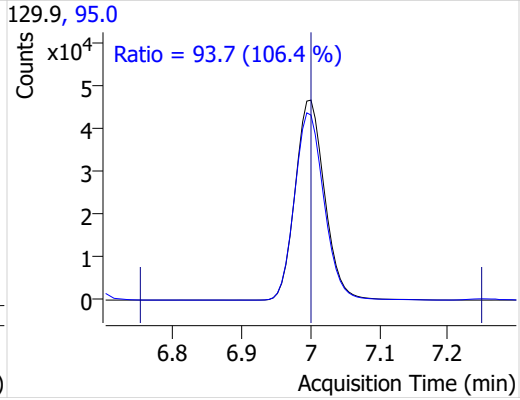


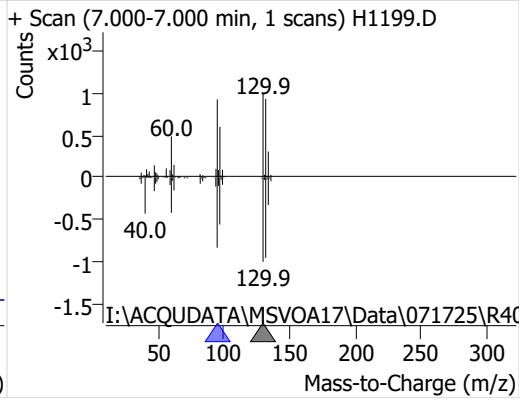




Trichloroethene

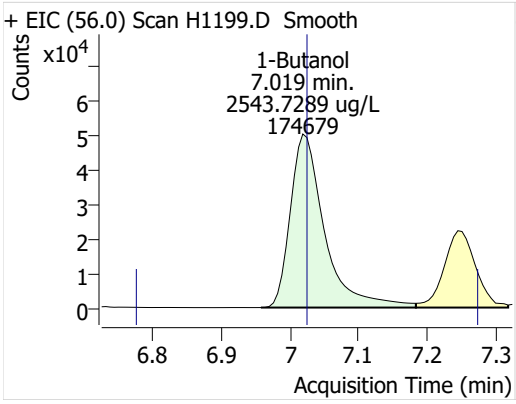


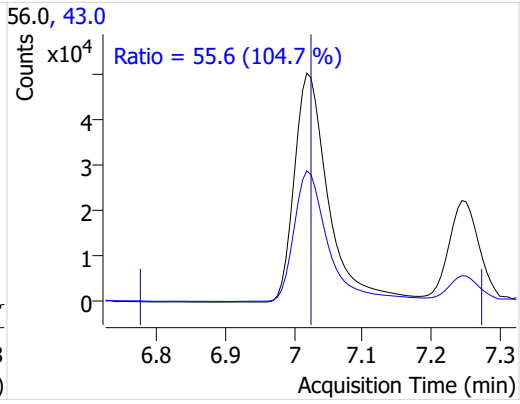


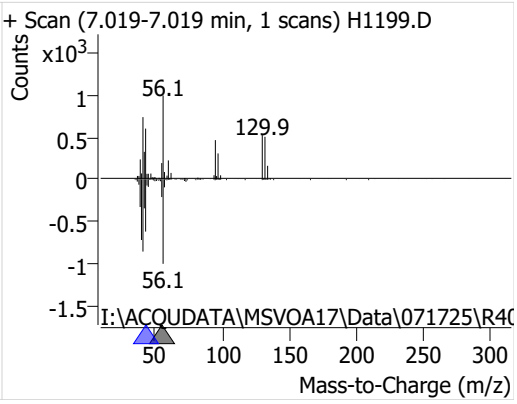


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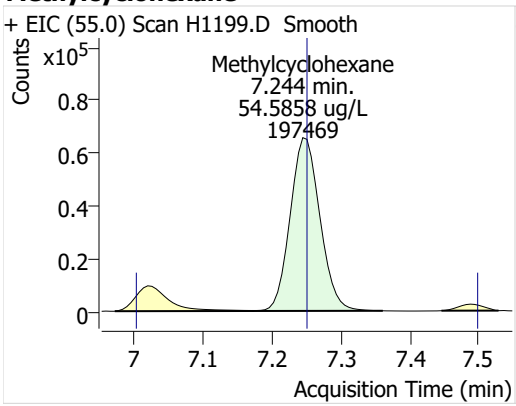
1-Butanol

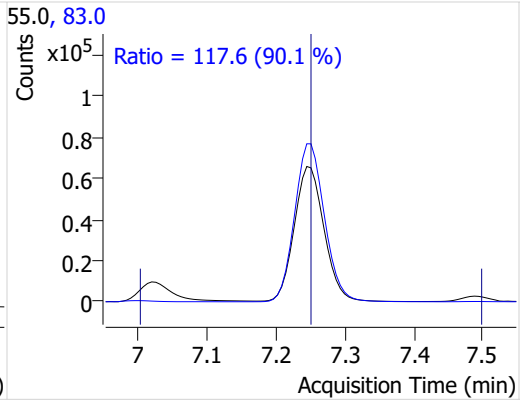


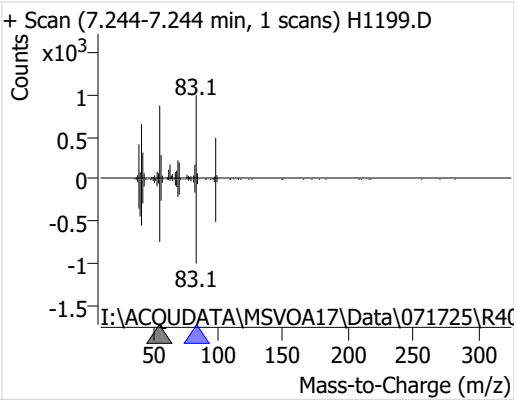




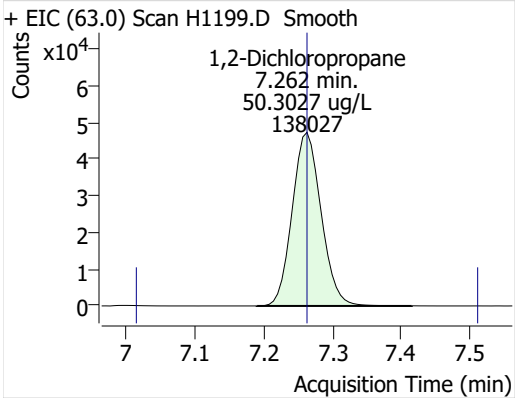
Methylcyclohexane

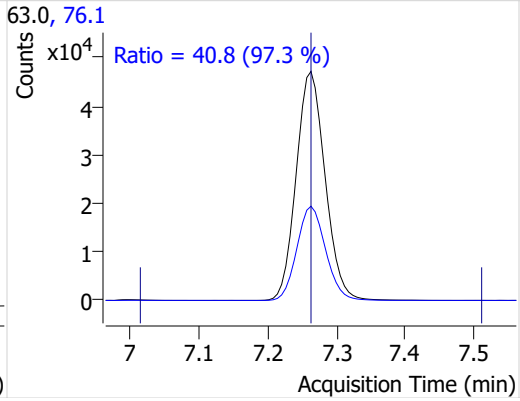


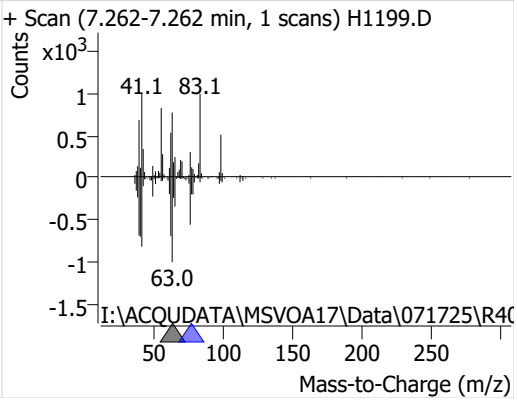




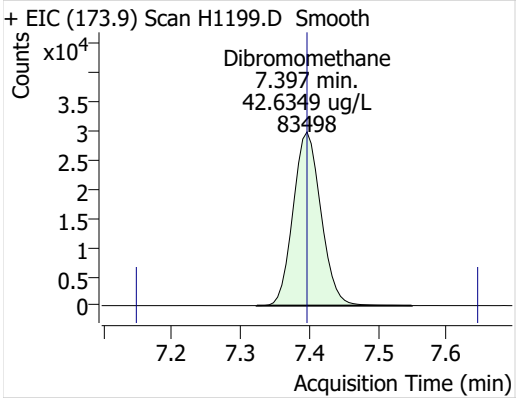
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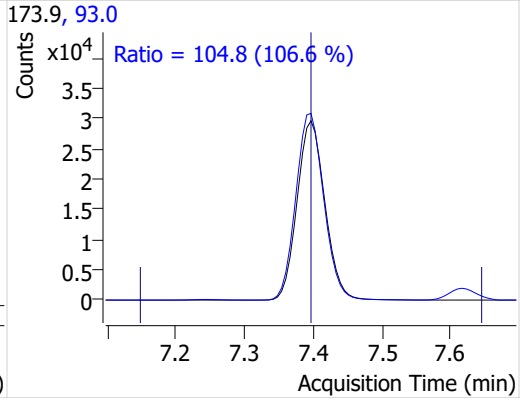


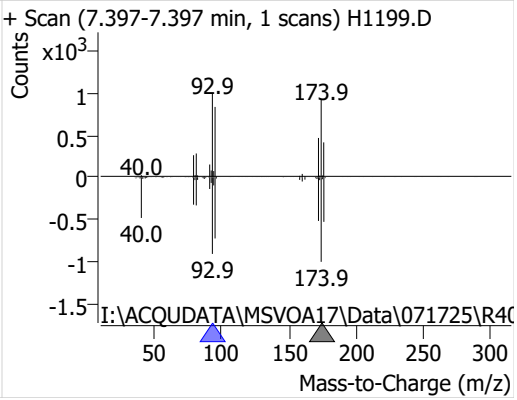




Dibromomethane

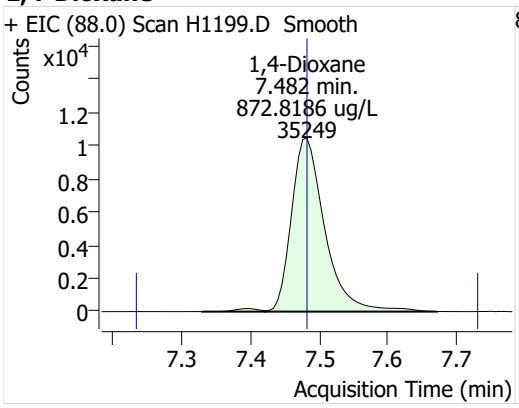


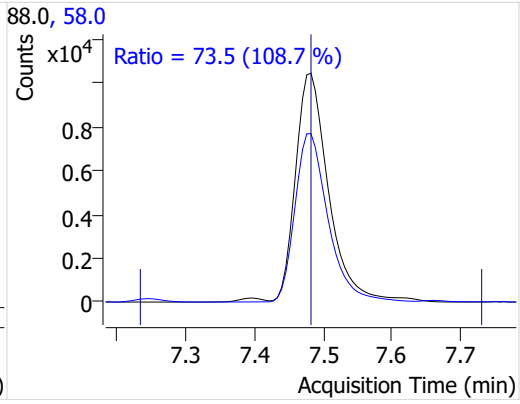


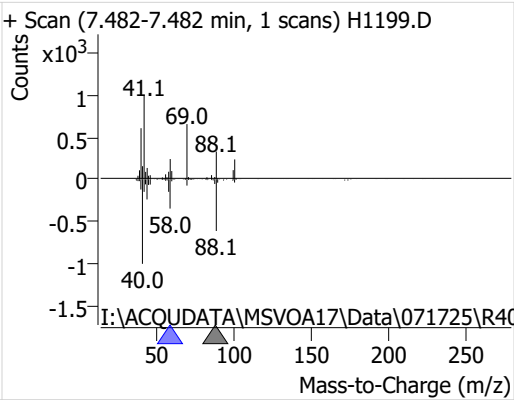


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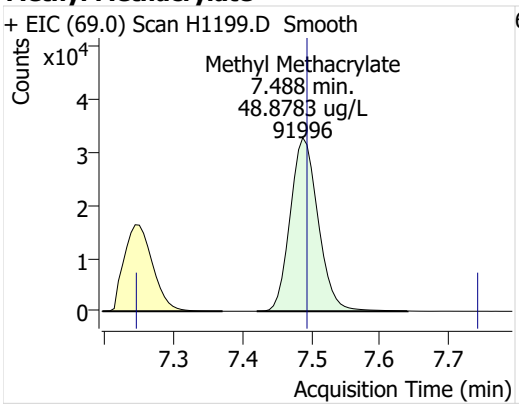
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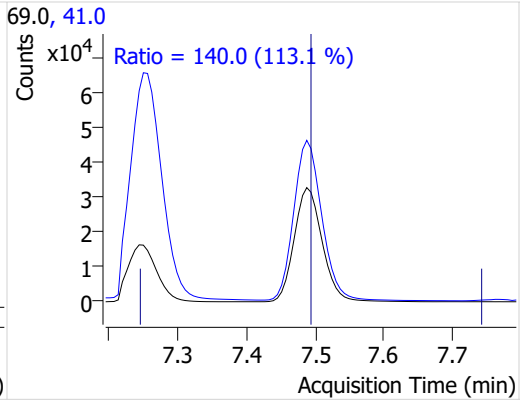


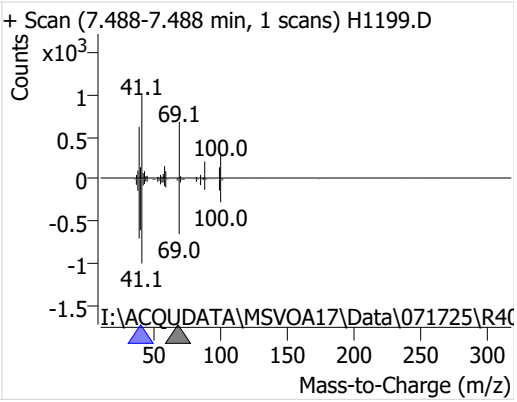




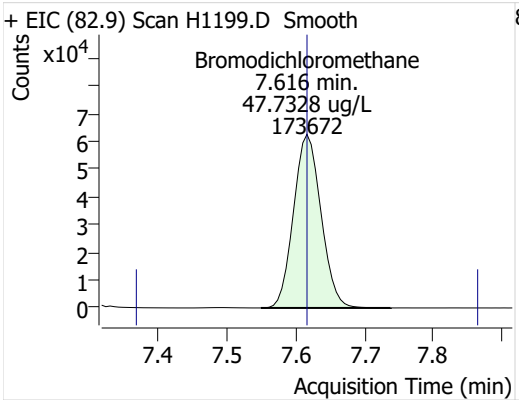
Methyl Methacrylate

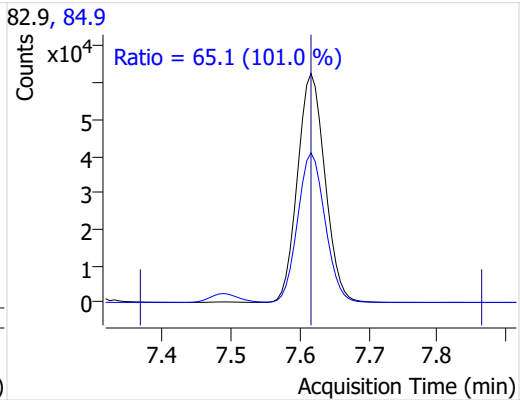


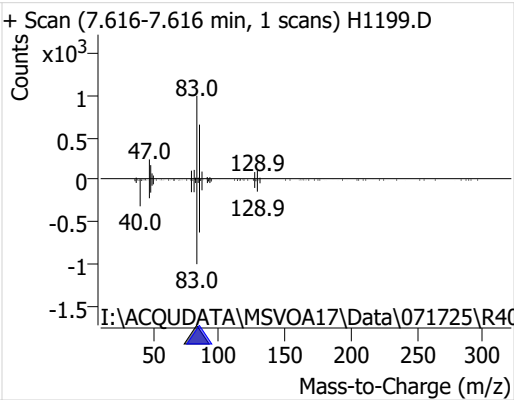




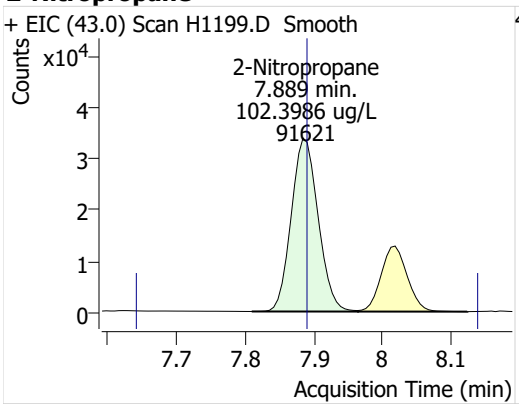
Bromodichloromethane

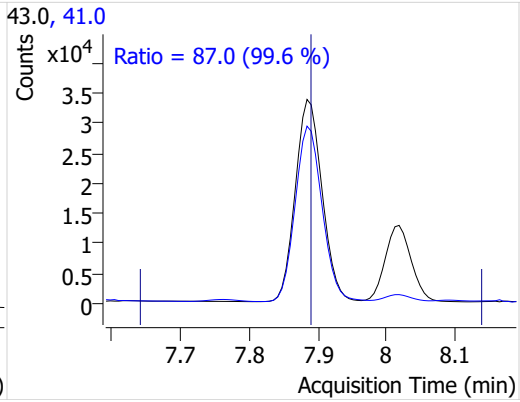


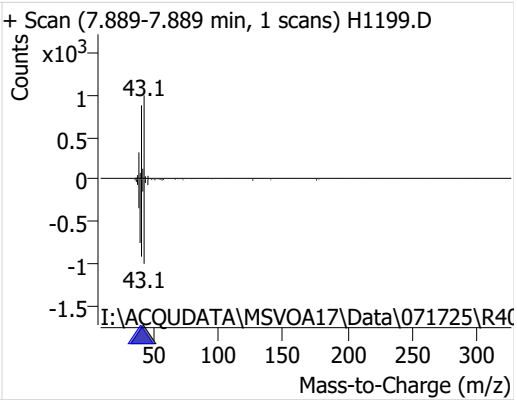




2-Nitropropane

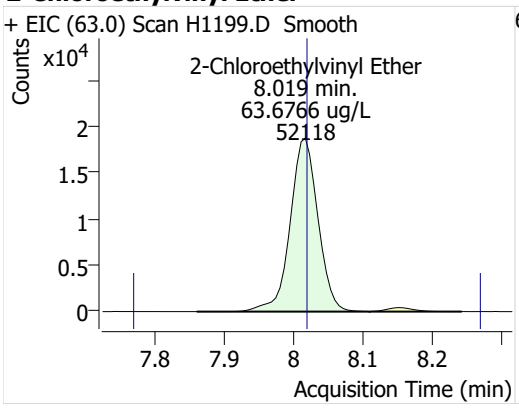


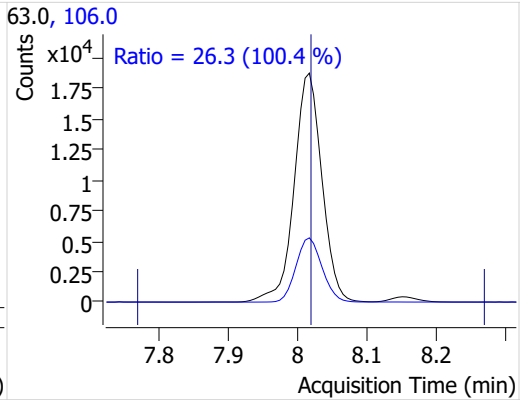


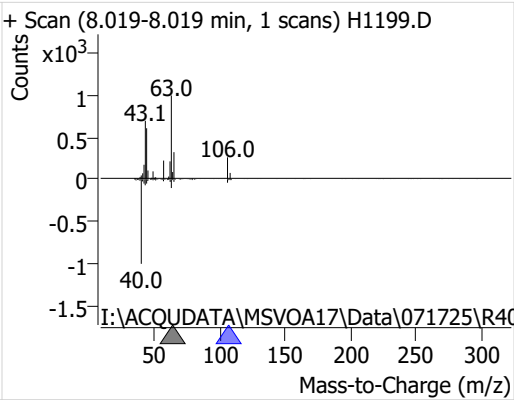


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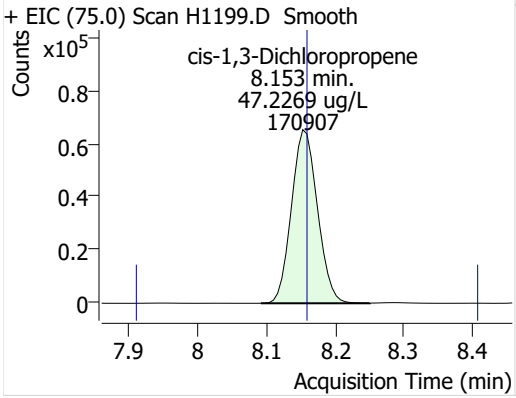
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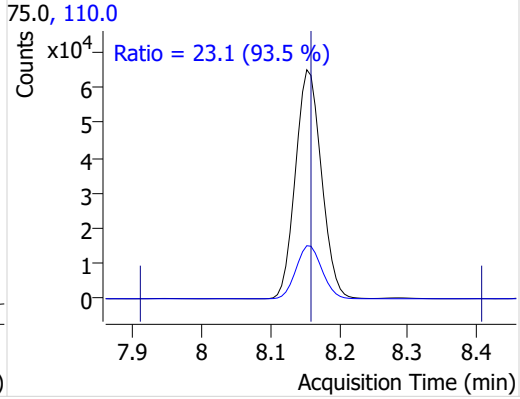


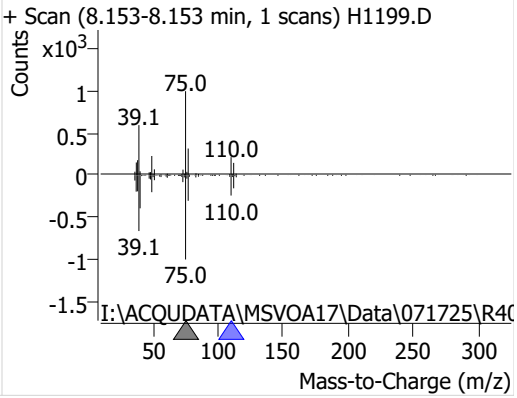




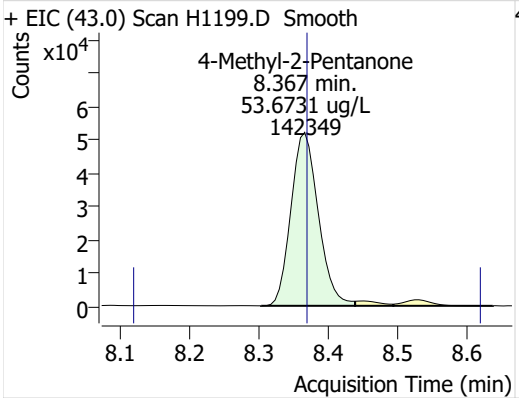
cis-1,3-Dichloropropene

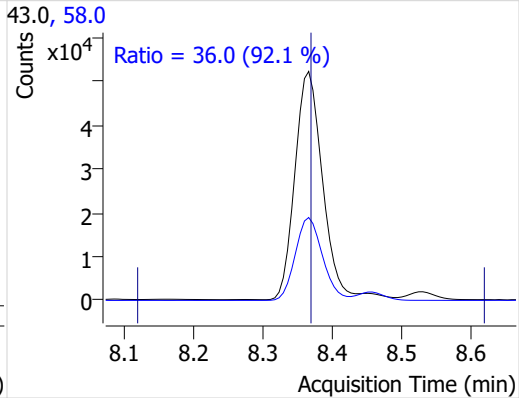


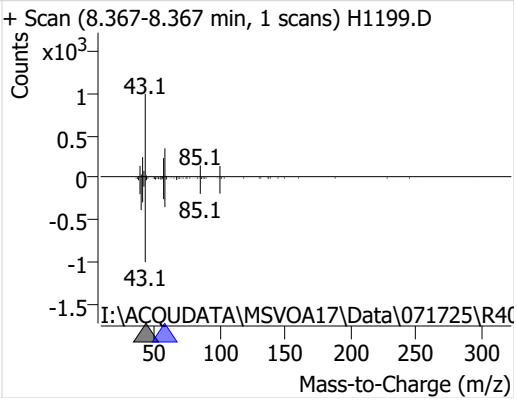




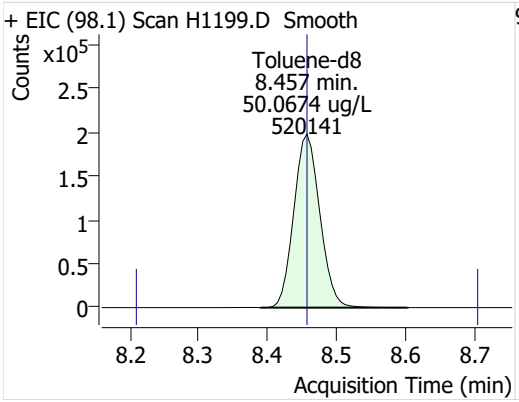
4-Methyl-2-Pentanone

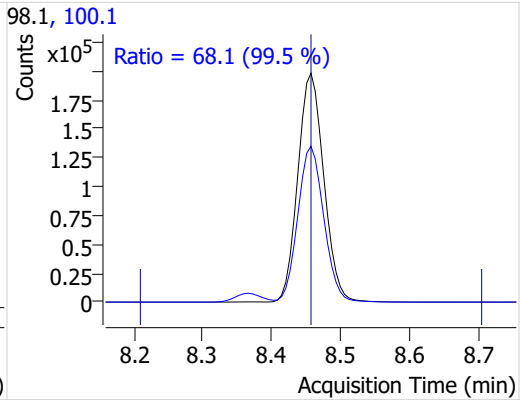


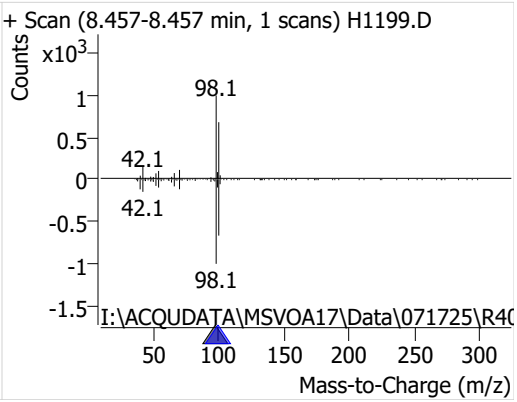




Toluene-d8

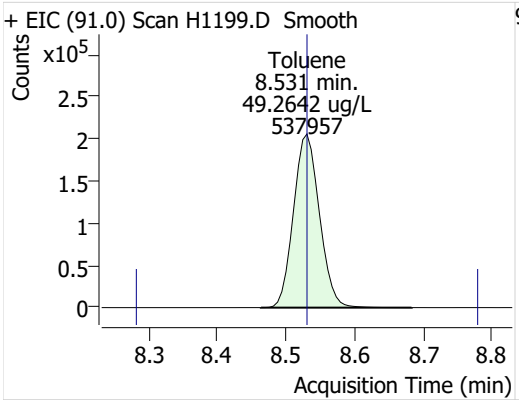


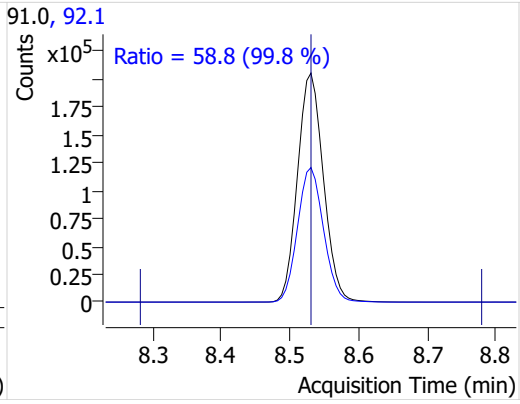


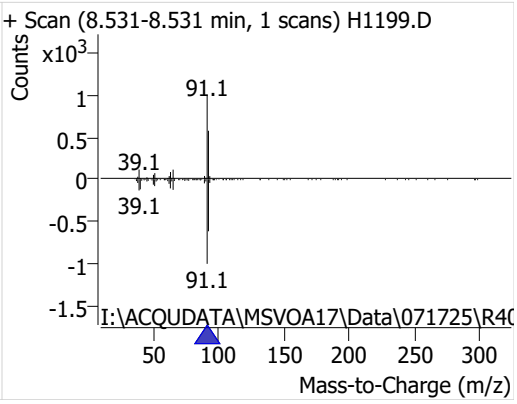


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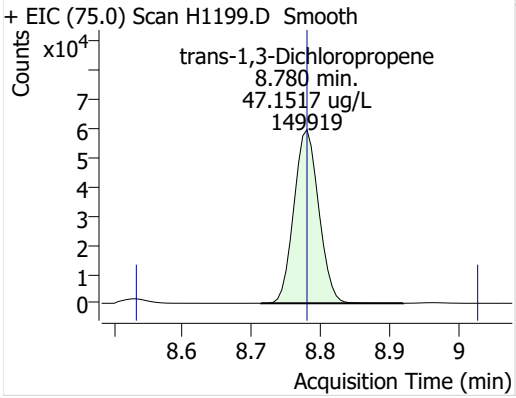
Toluene

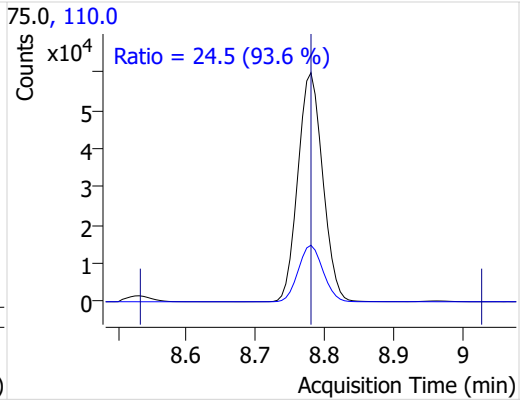


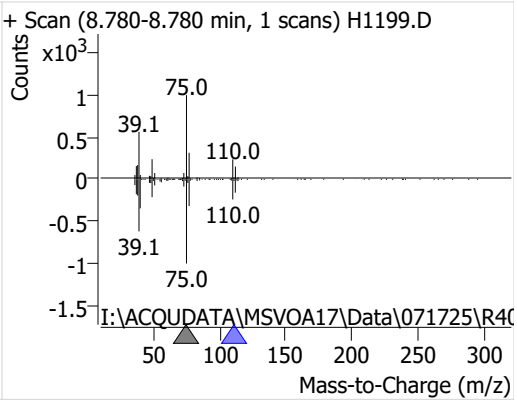




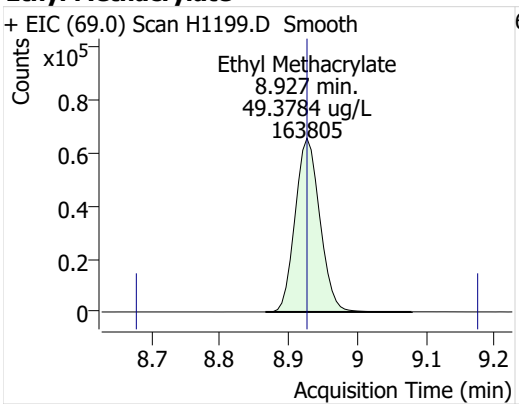
trans-1,3-Dichloropropene

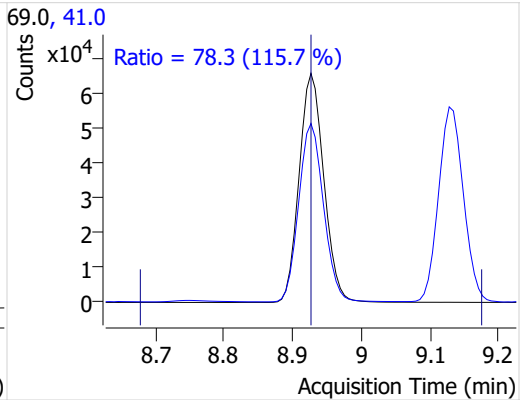


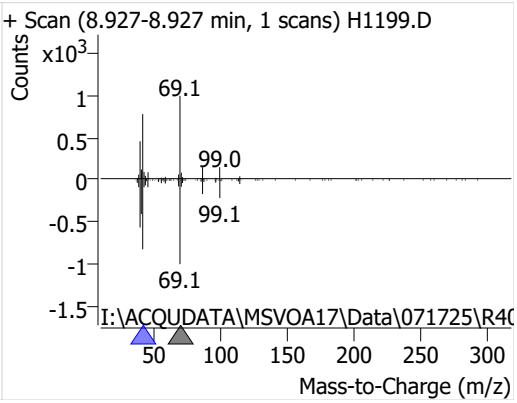




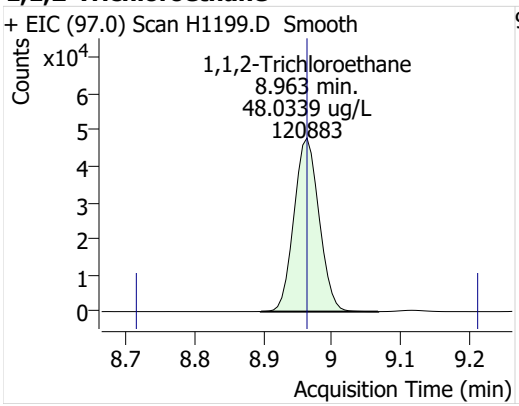
Ethyl Methacrylate

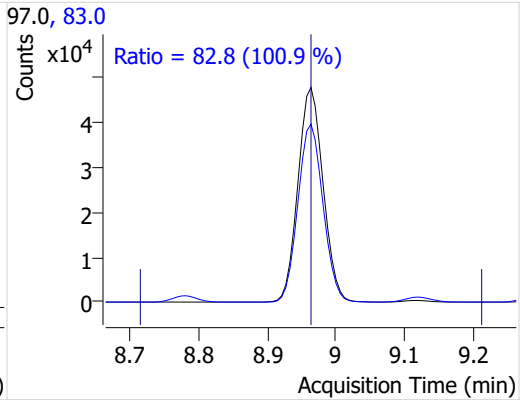


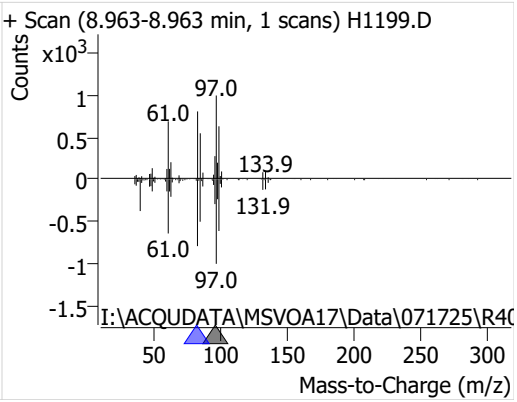




1,1,2-Trichloroethane

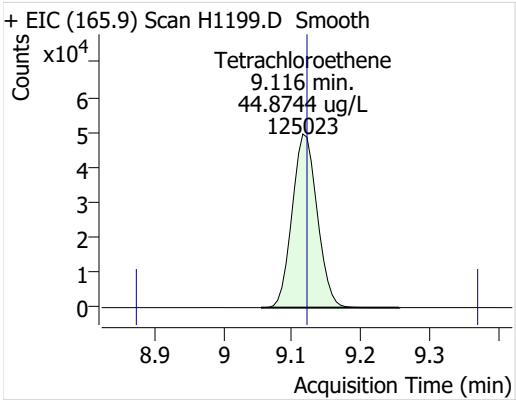


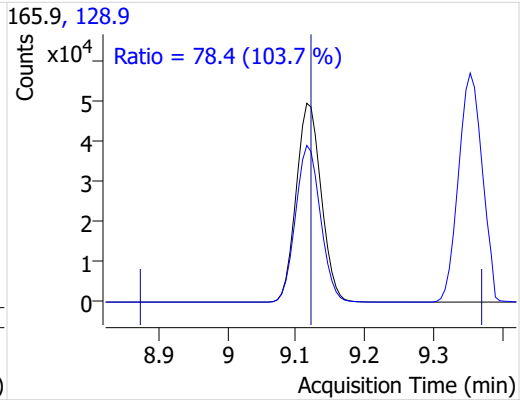


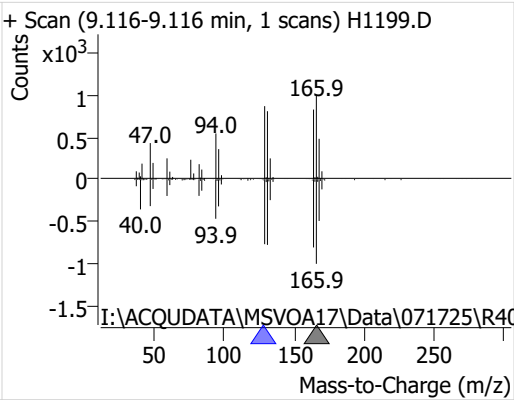


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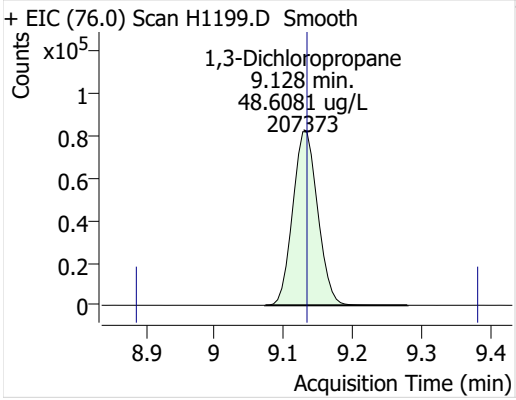
Tetrachloroethene

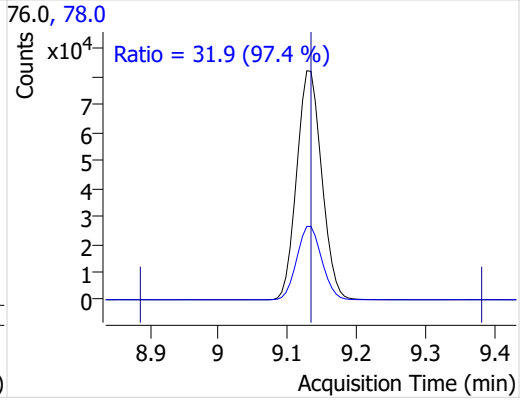


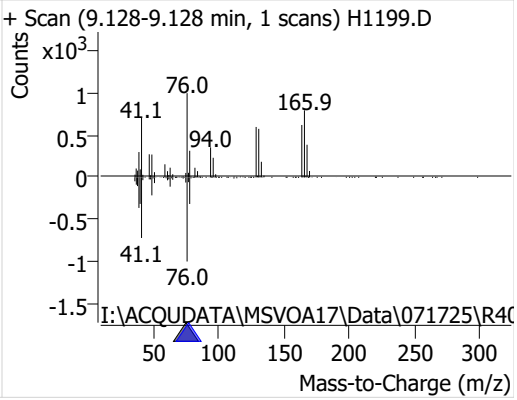




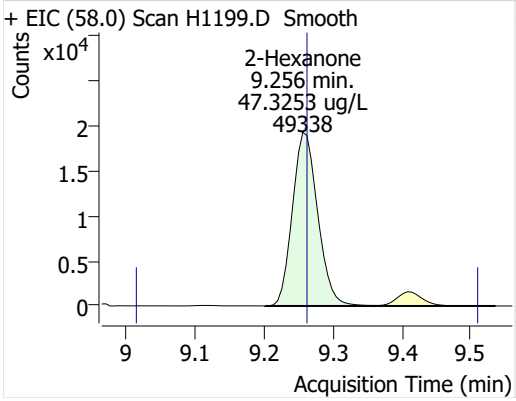
1,3-Dichloropropane

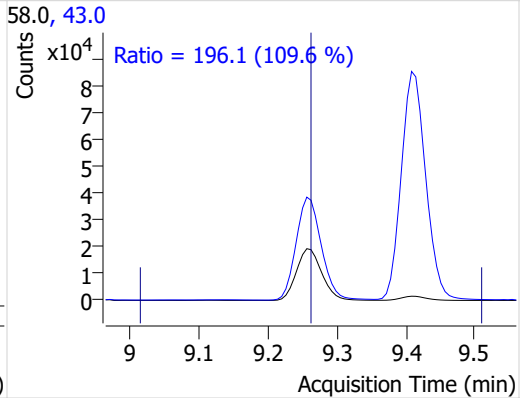


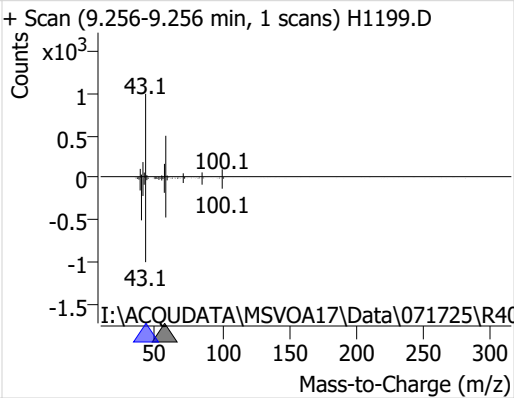




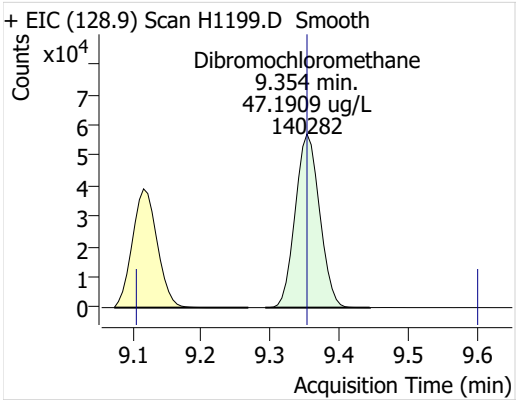
2-Hexanone

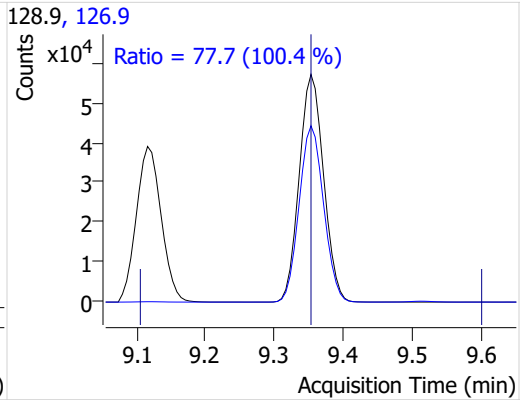


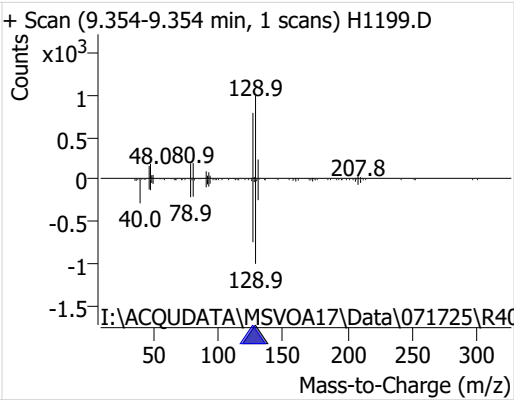




Dibromochloromethane

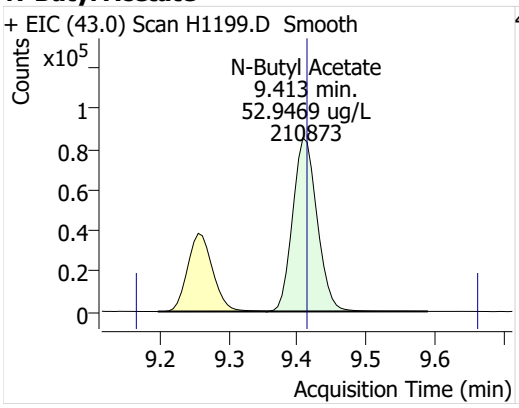


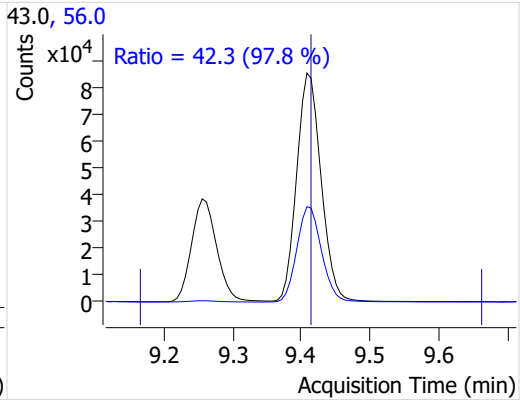


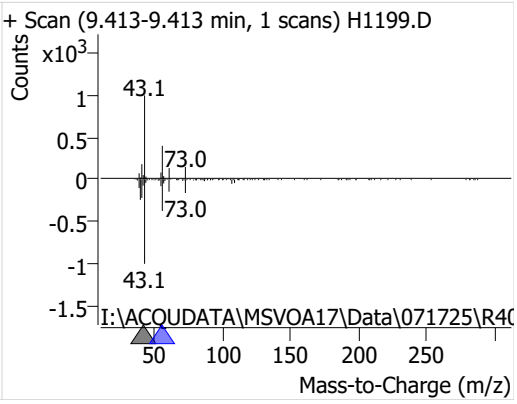


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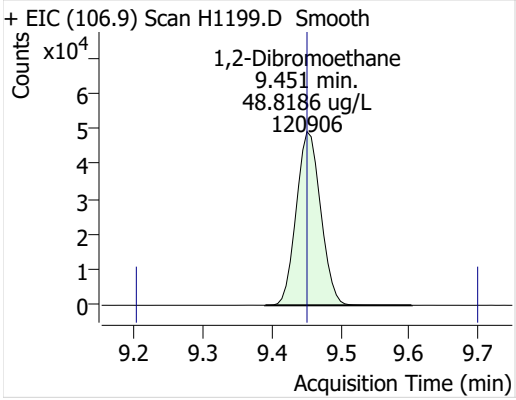
N-Butyl Acetate

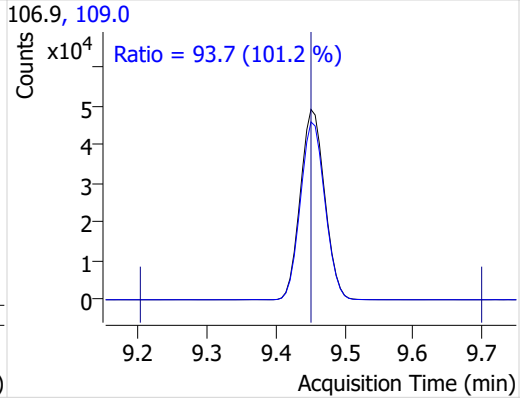


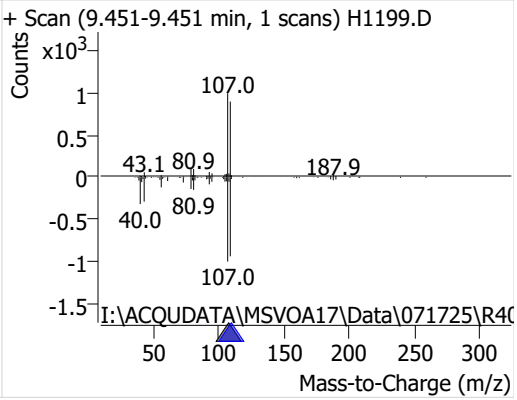




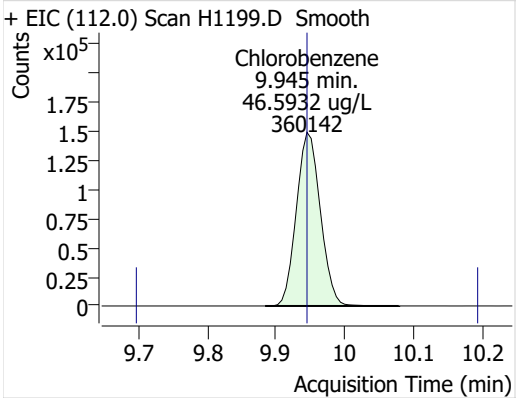
1,2-Dibromoethane

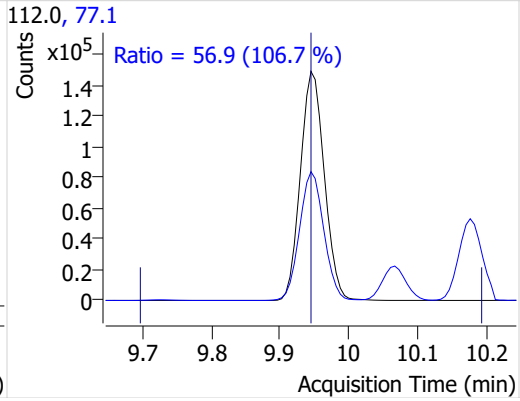


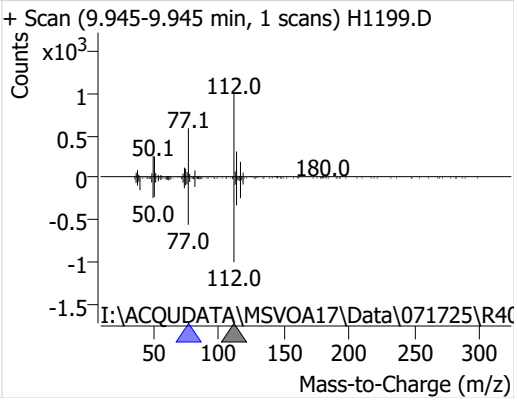




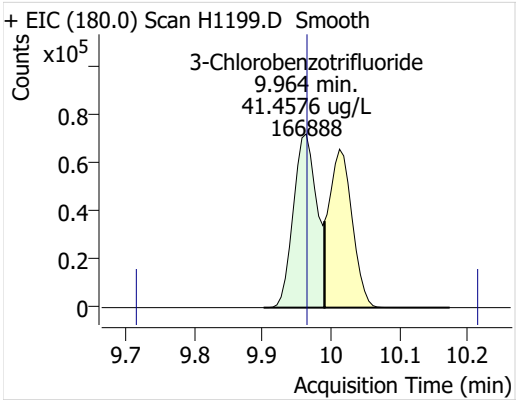
Chlorobenzene

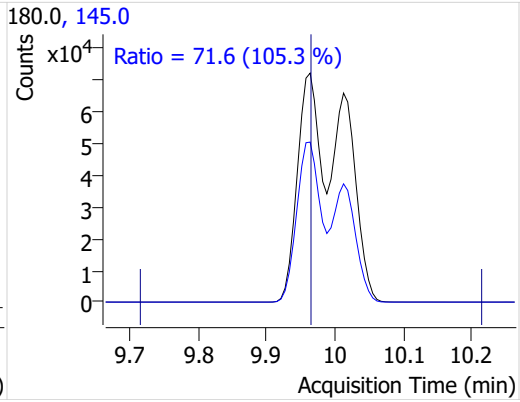


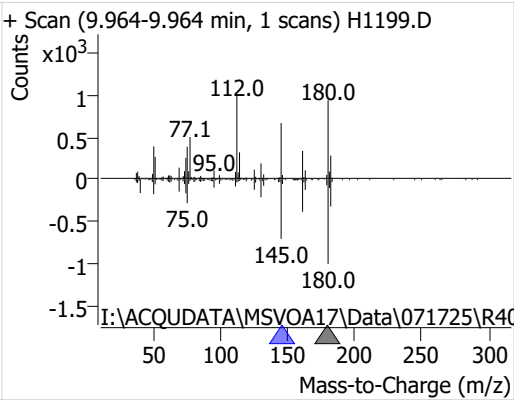




3-Chlorobenzotrifluoride

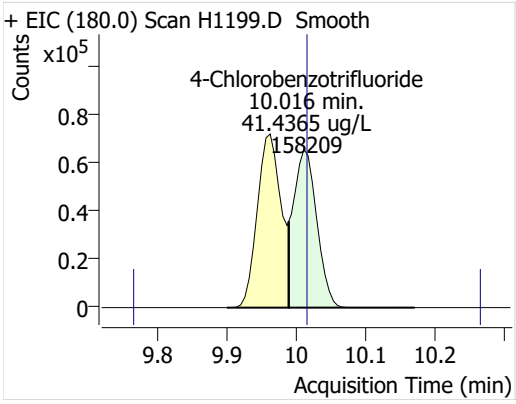


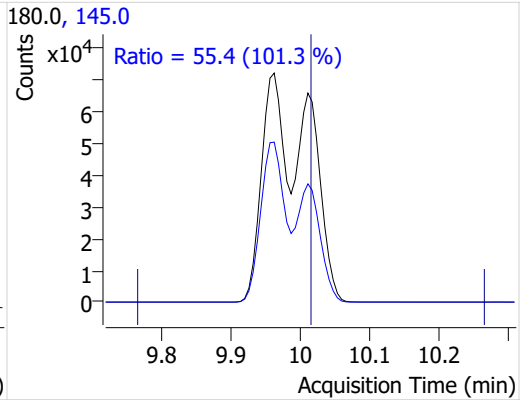


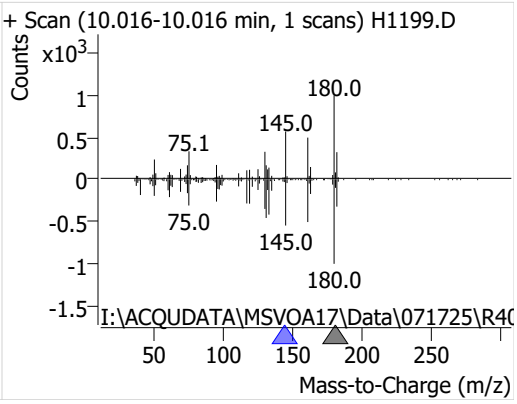


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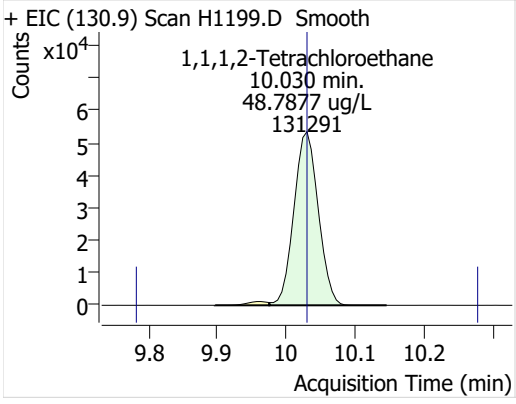
4-Chlorobenzotrifluoride

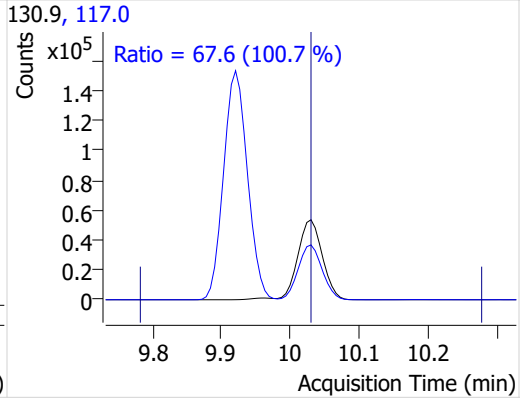


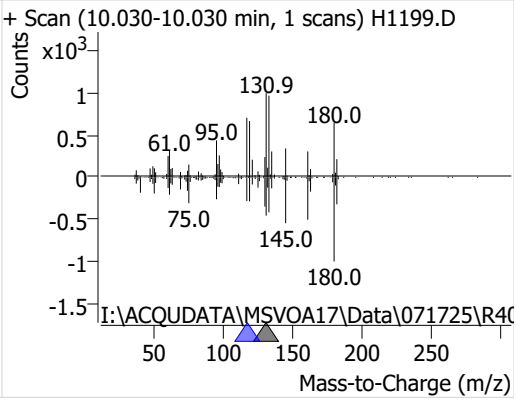




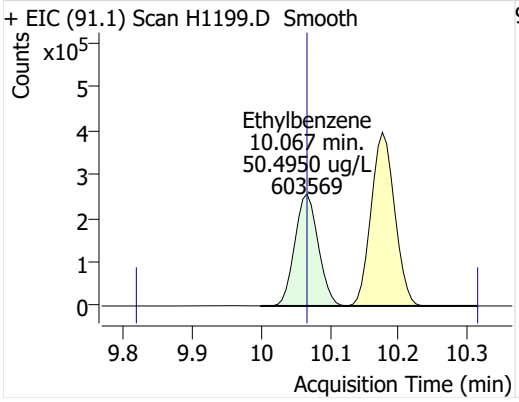
1,1,1,2-Tetrachloroethane

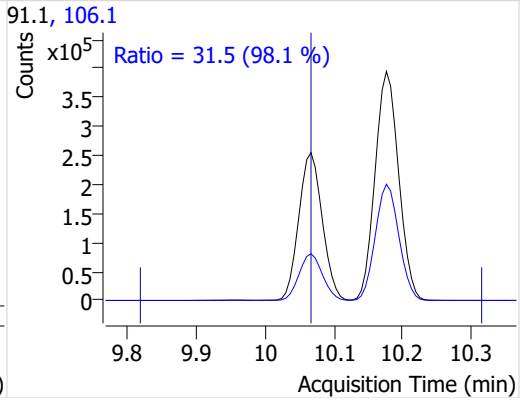


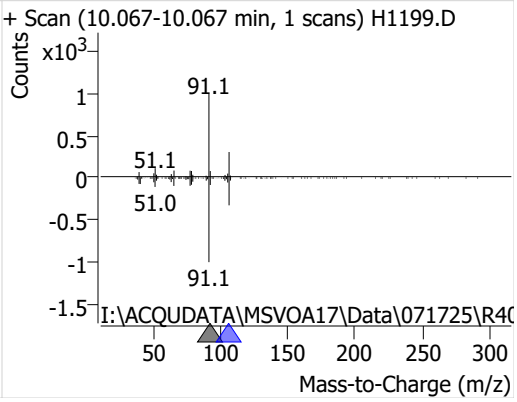




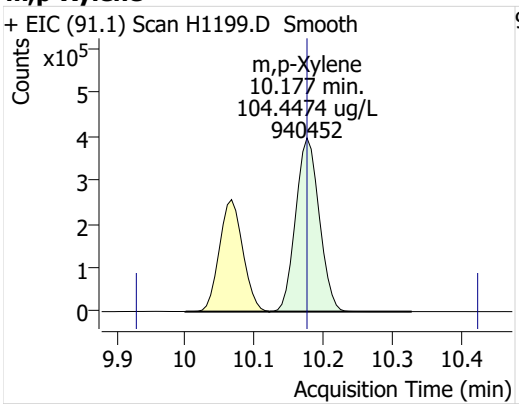
Ethylbenzene

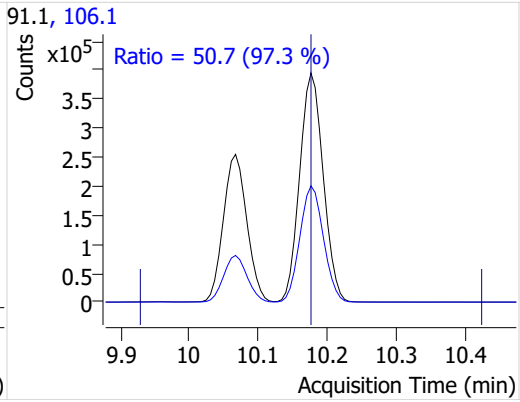


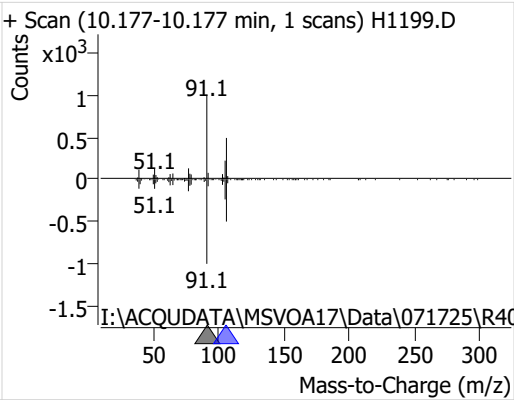




m,p-Xylene

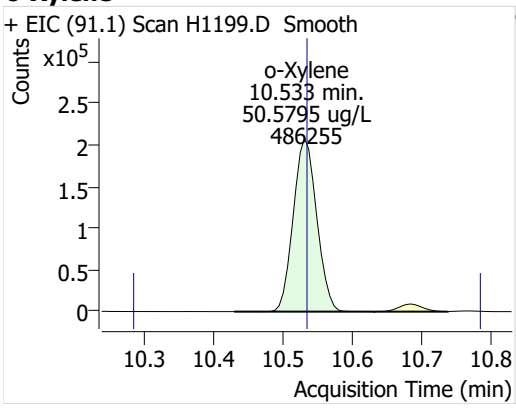


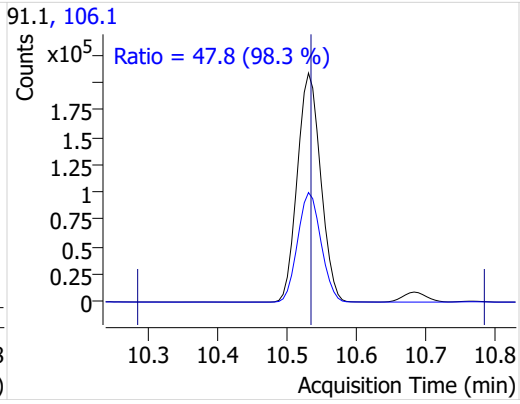


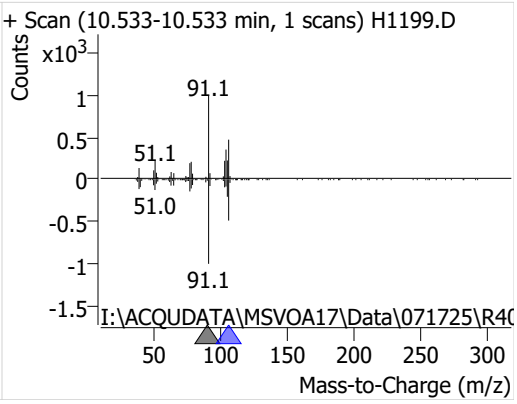


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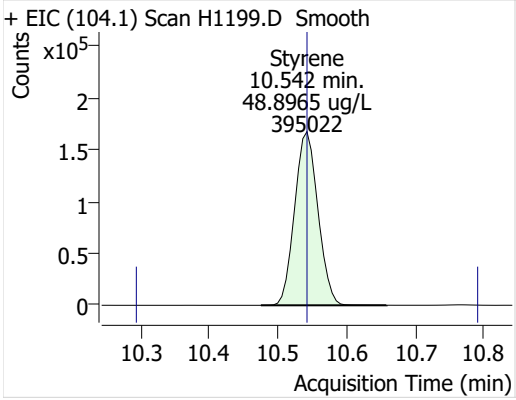
o-Xylene

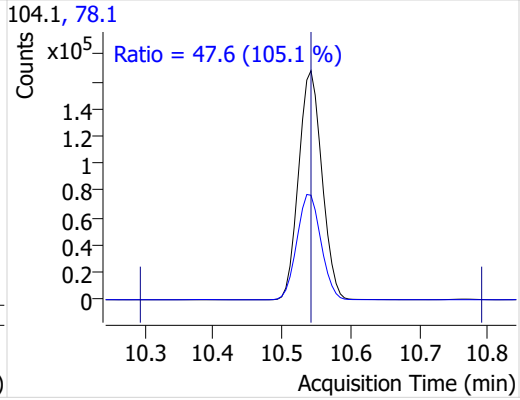


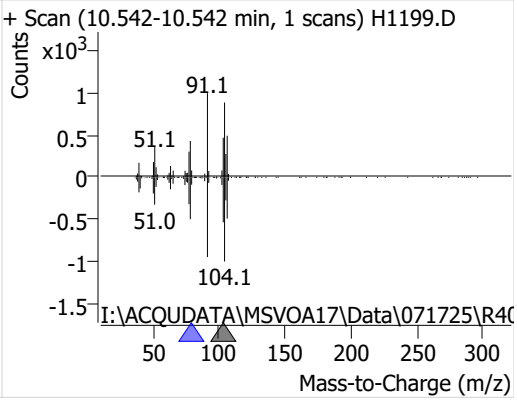




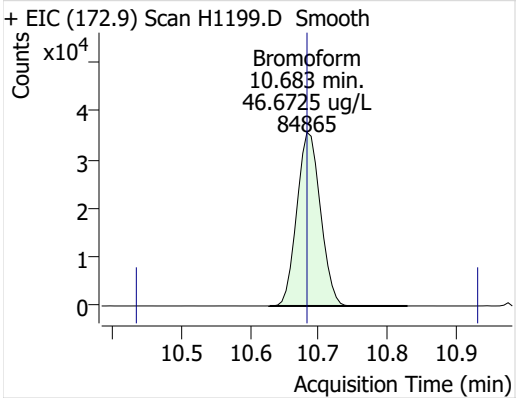
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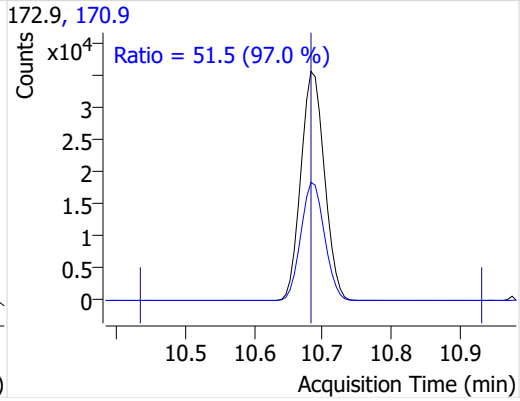


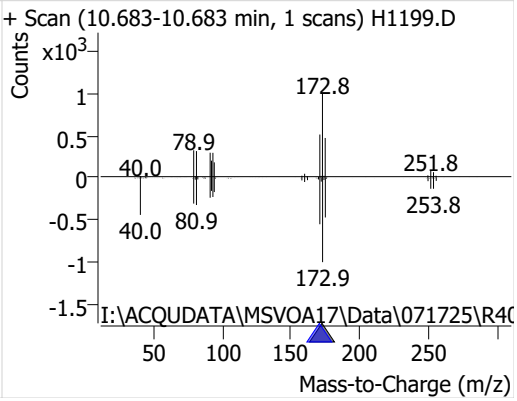




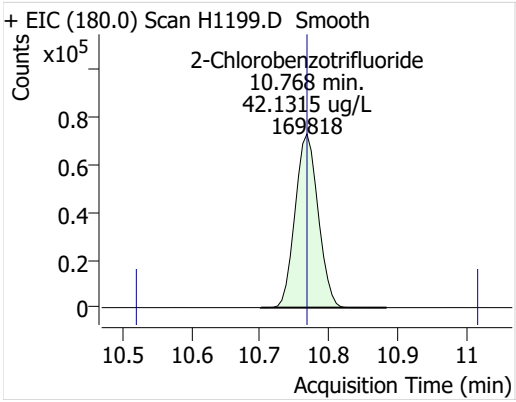
Bromoform

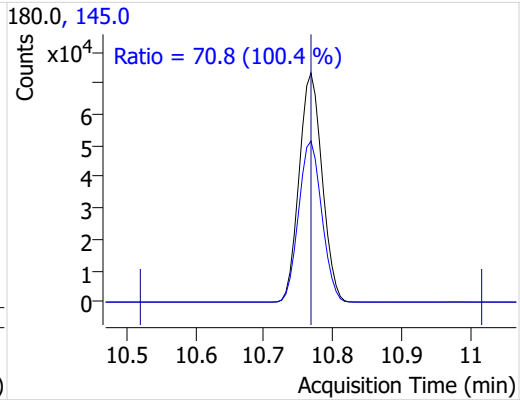


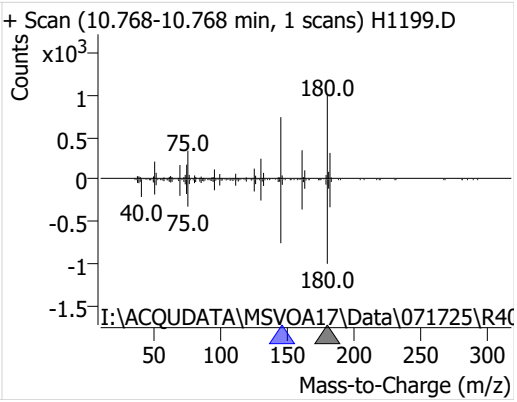




2-Chlorobenzotrifluoride

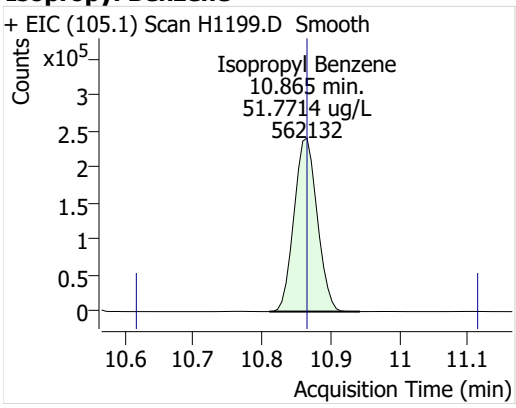


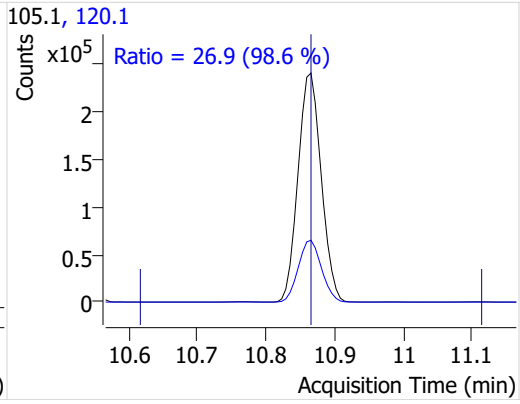


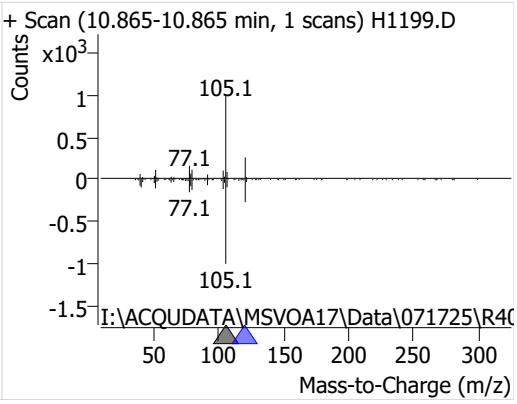


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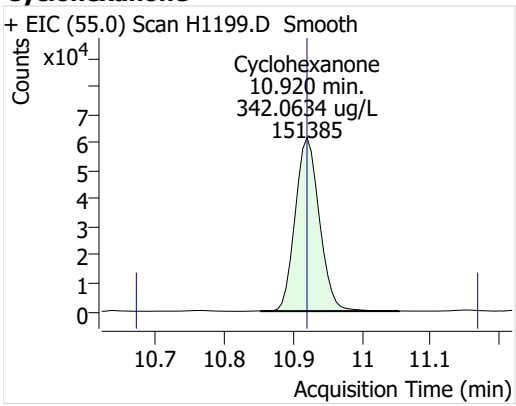
Isopropyl Benzene

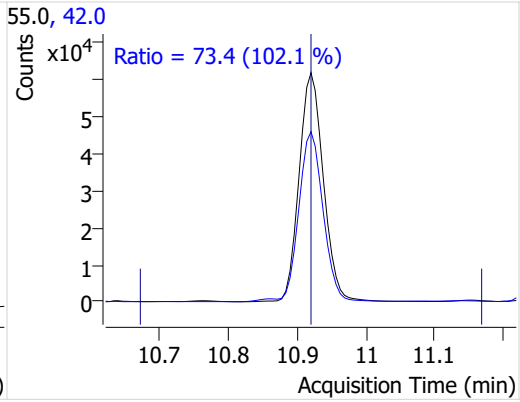


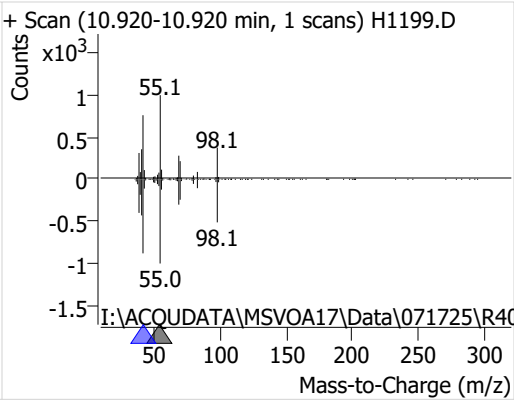




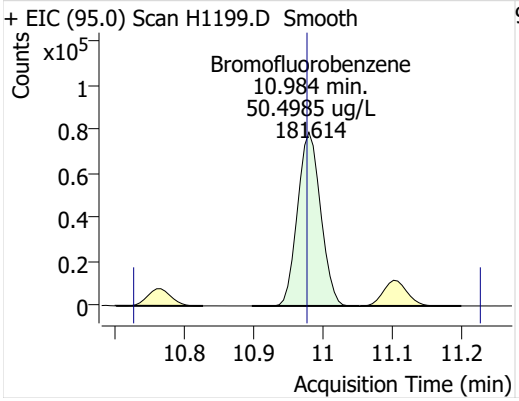
Cyclohexanone

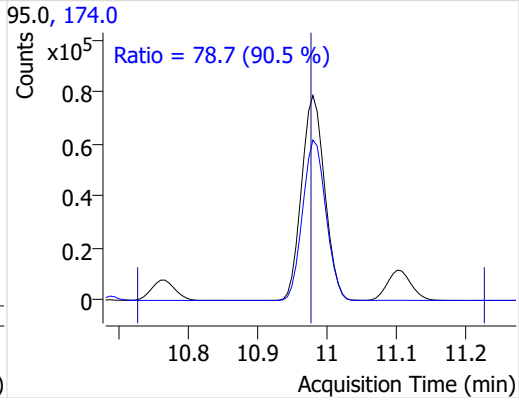


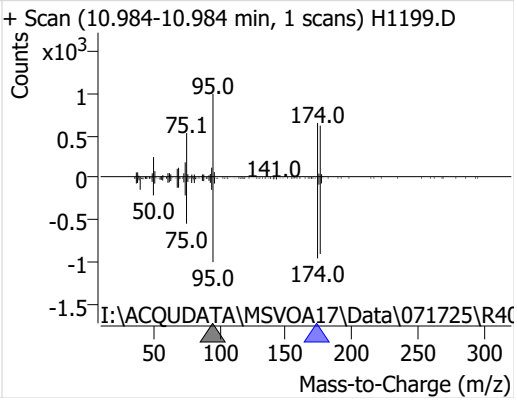




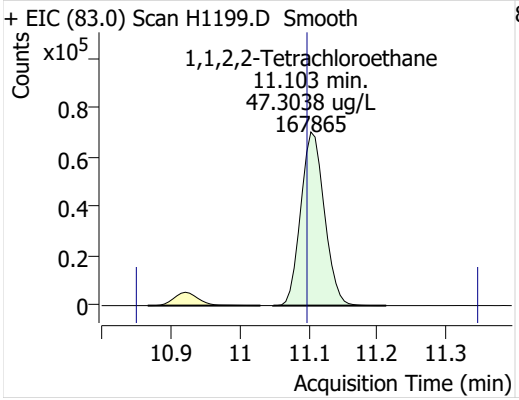
Bromofluorobenzene

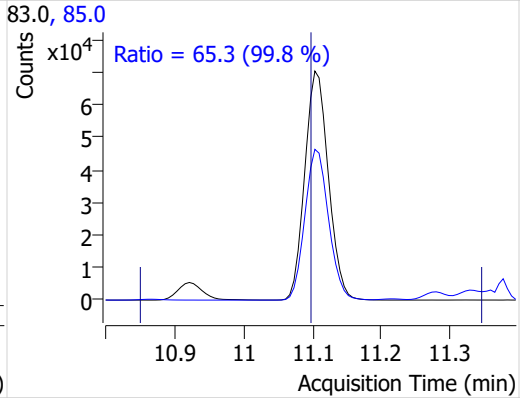


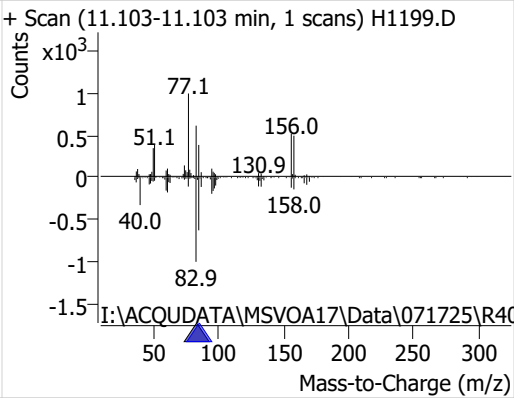




1,1,2,2-Tetrachloroethane

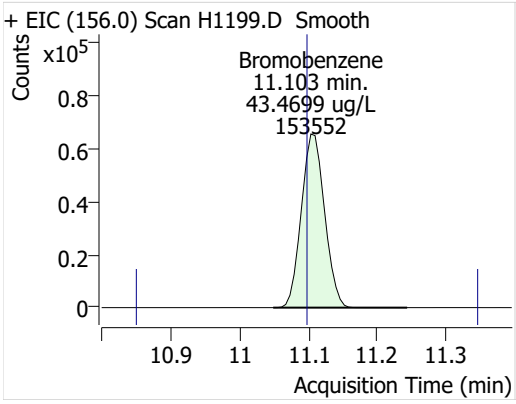


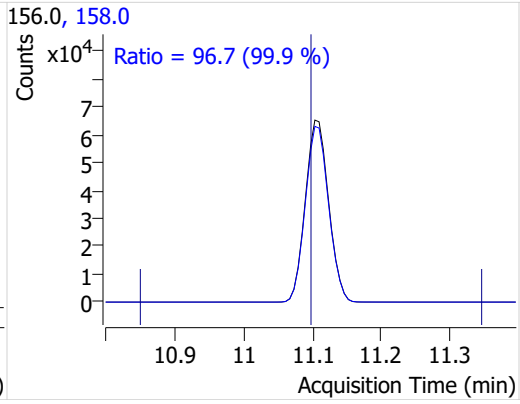


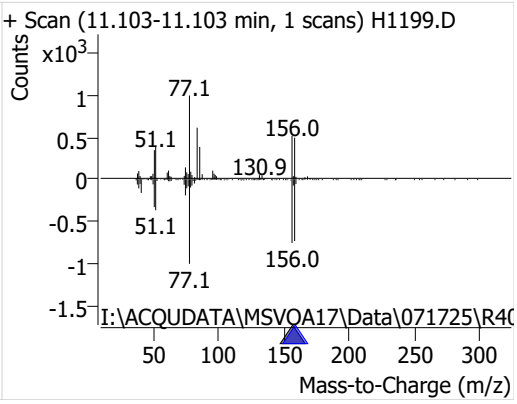


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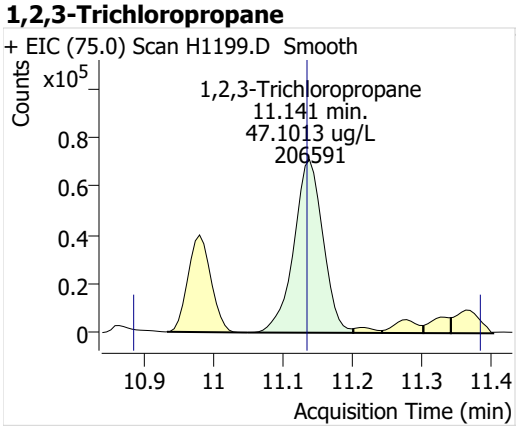
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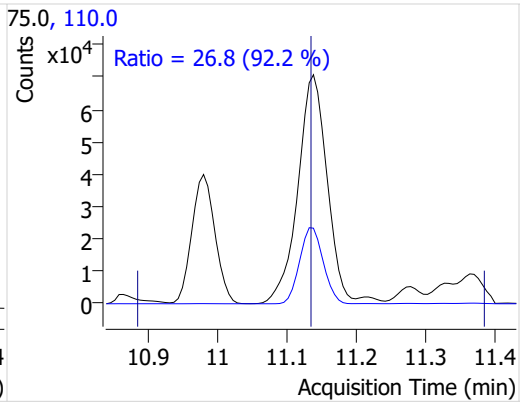


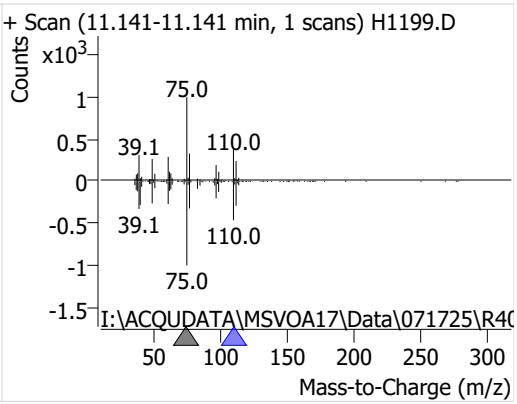




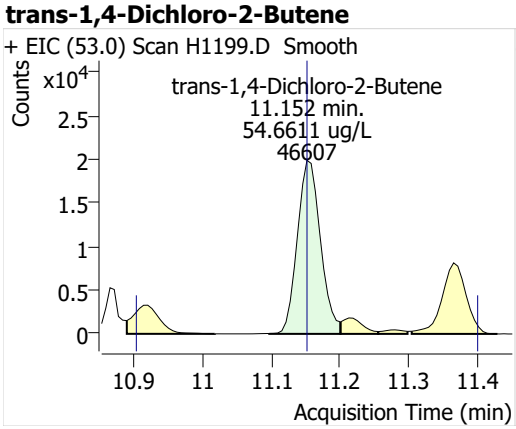
1,2,3-Trichloropropane

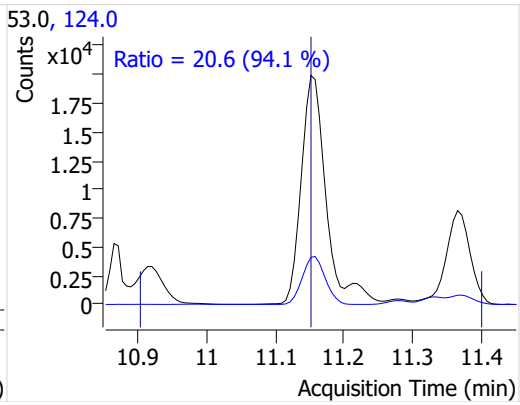


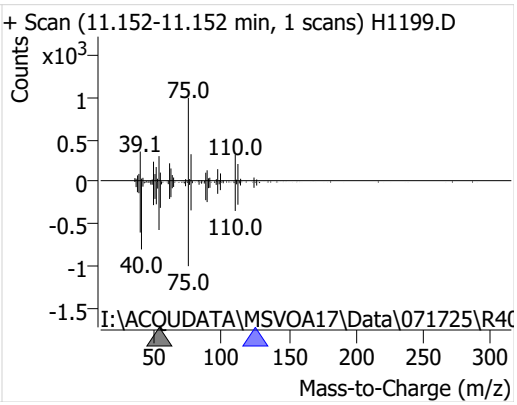




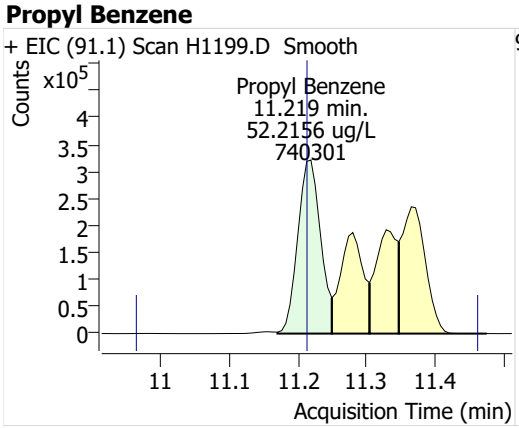
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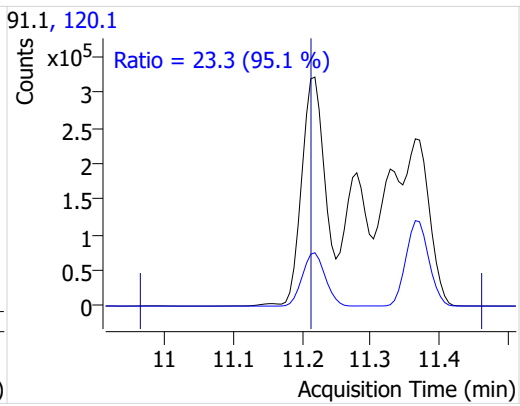


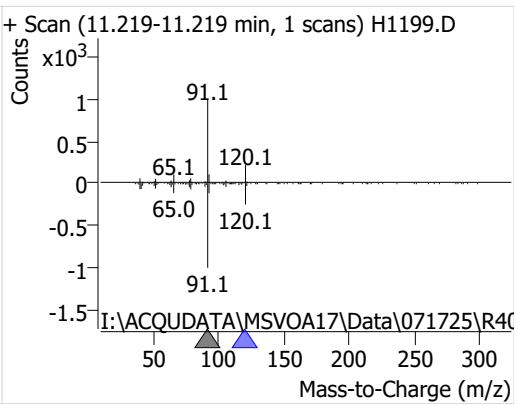




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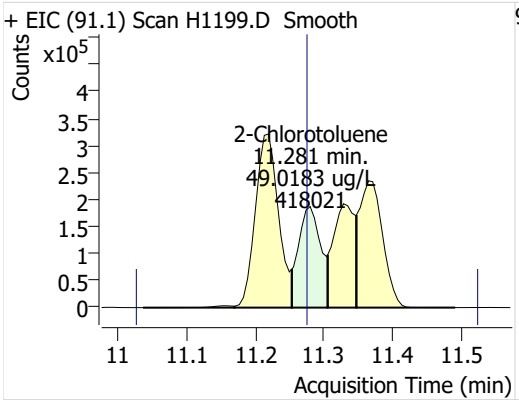


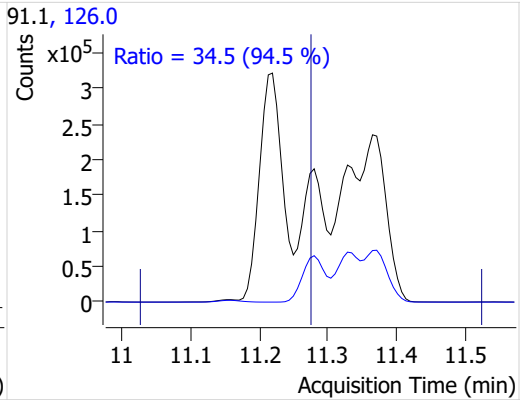


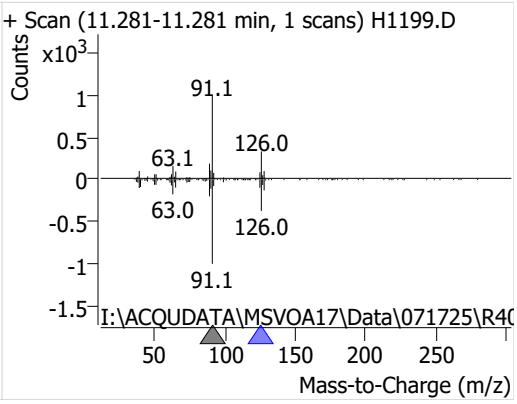


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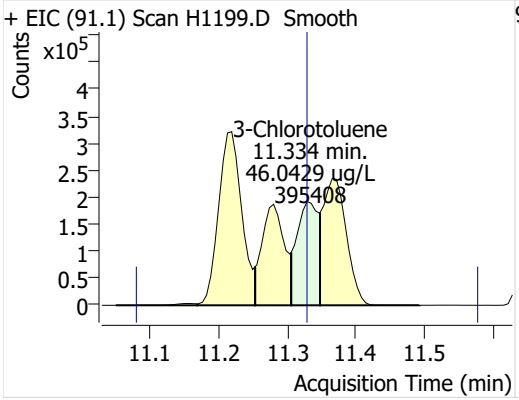
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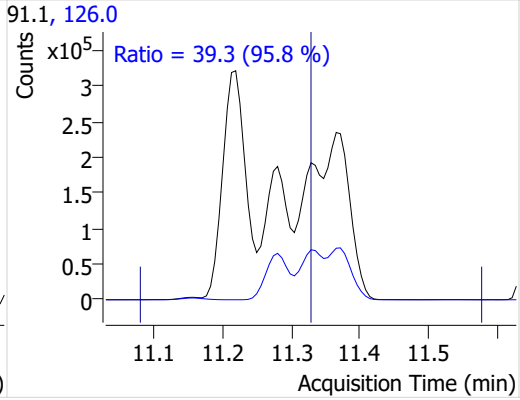


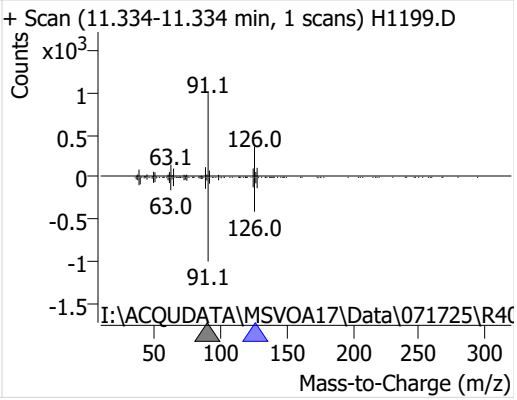




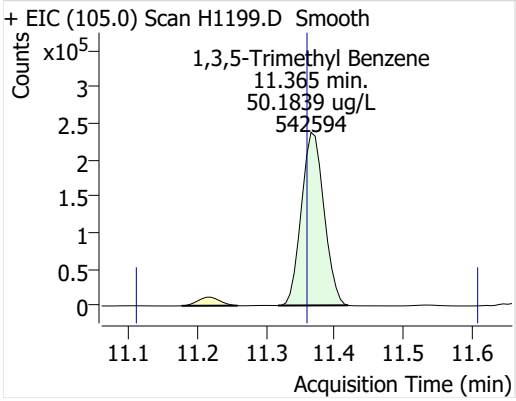
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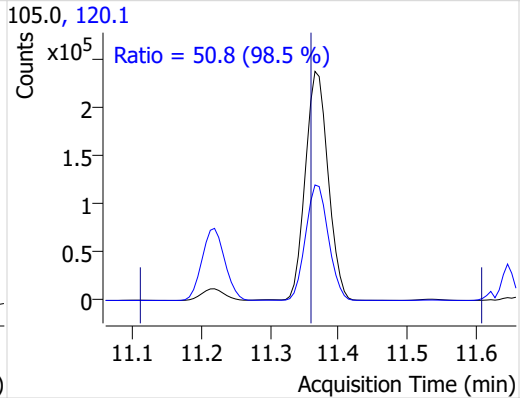


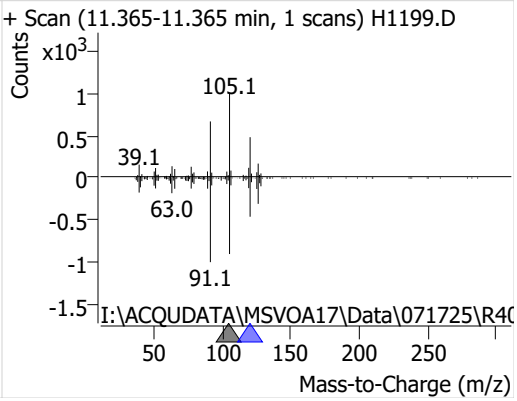




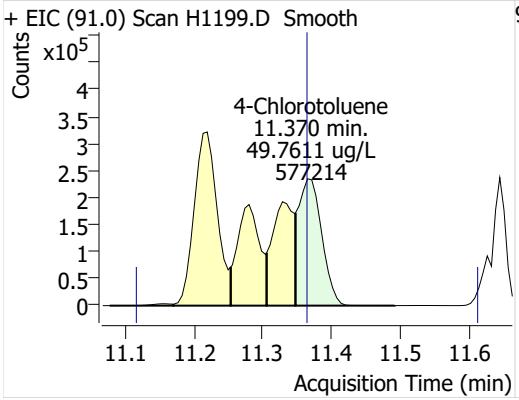
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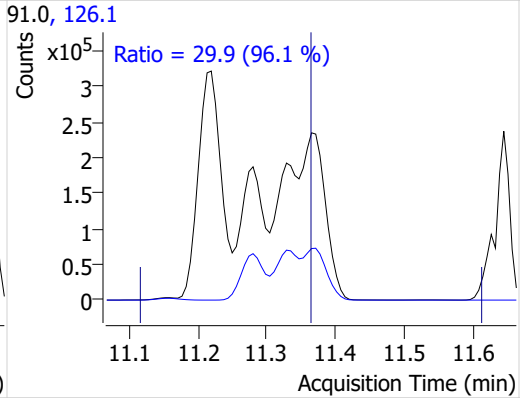


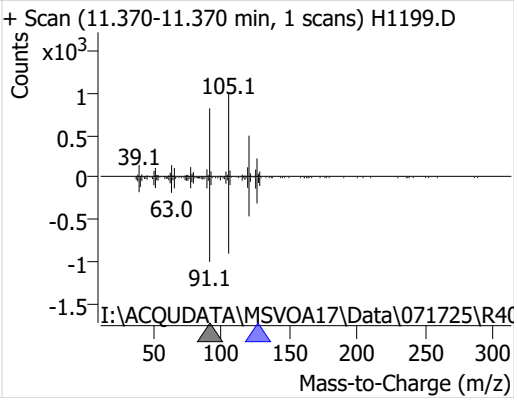




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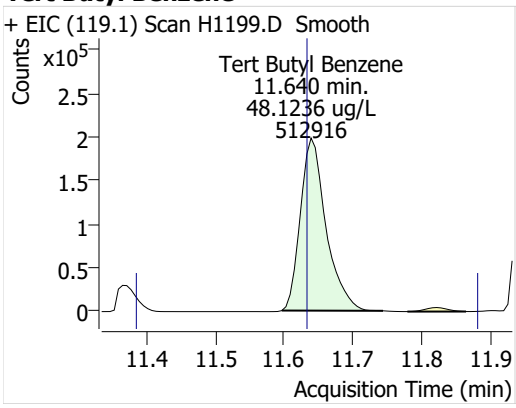


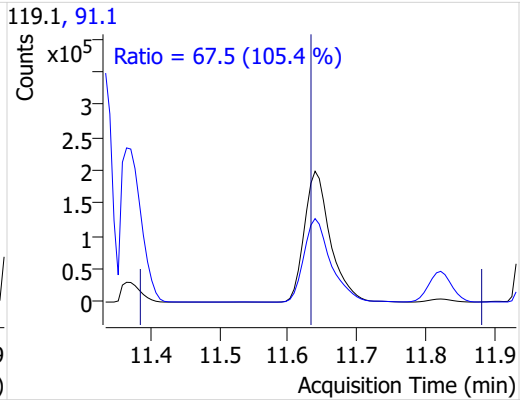


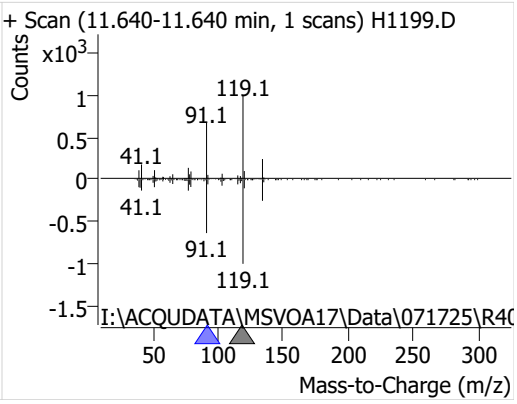


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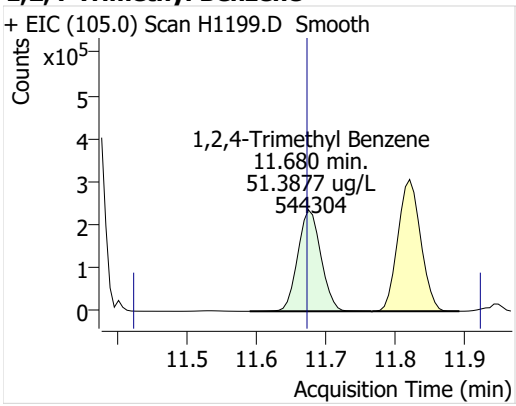
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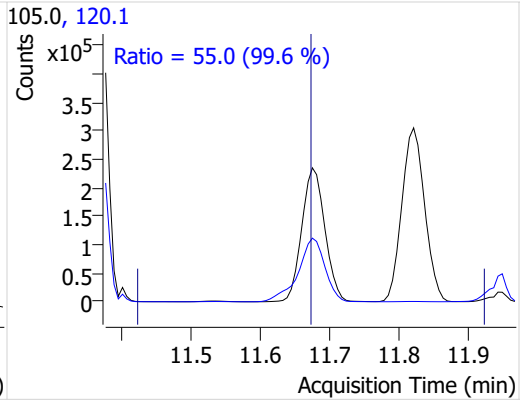


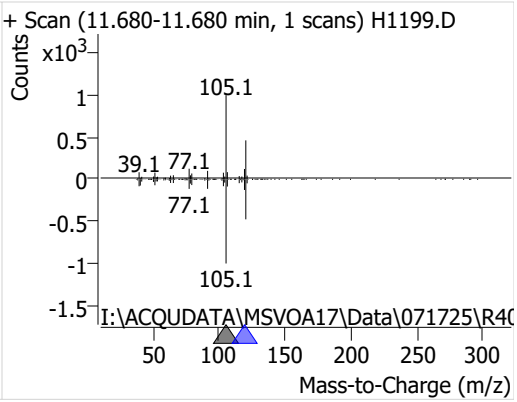




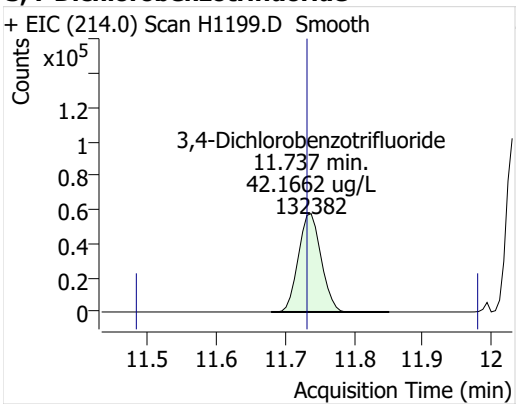
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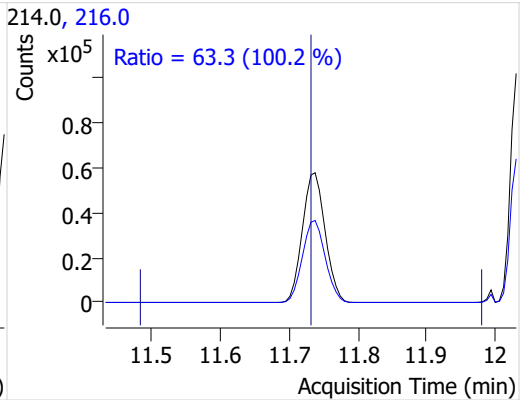


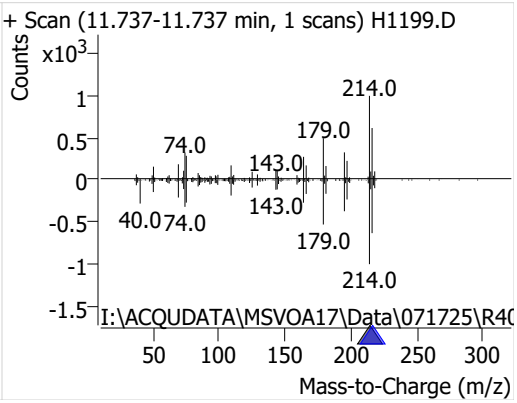




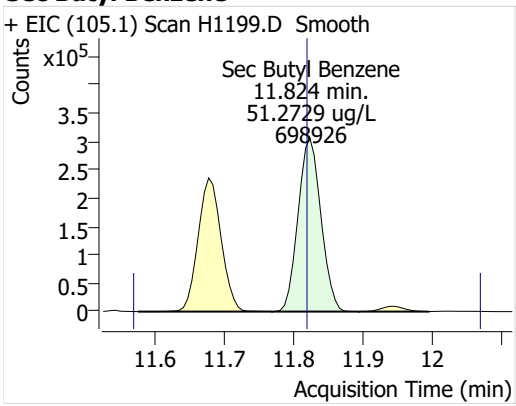
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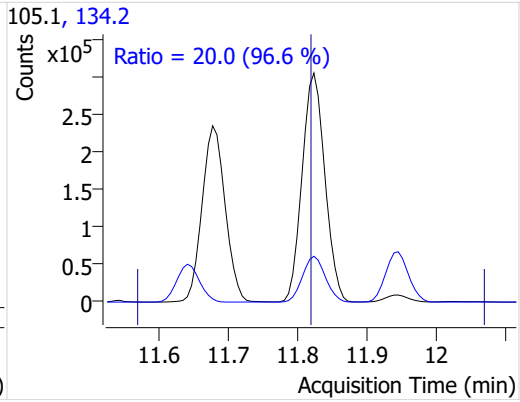


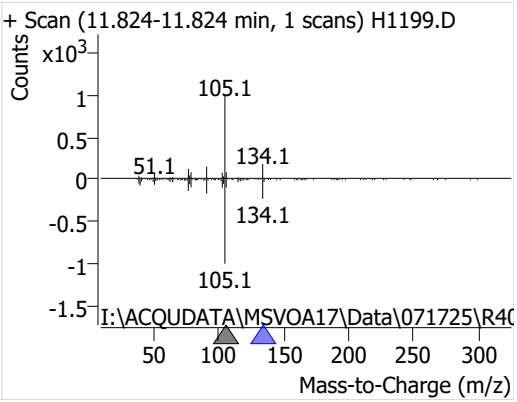




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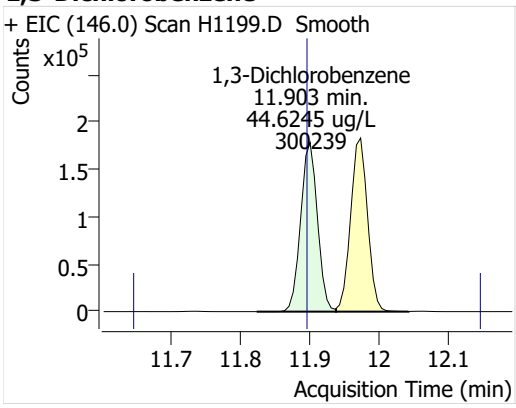


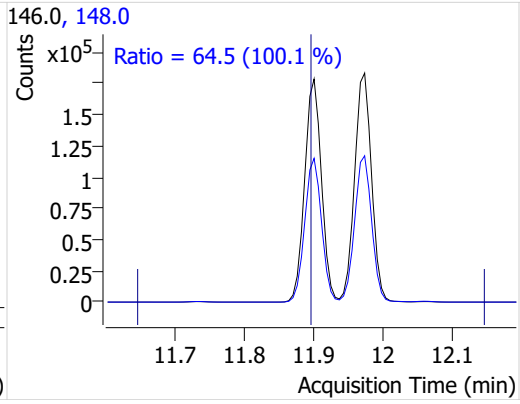


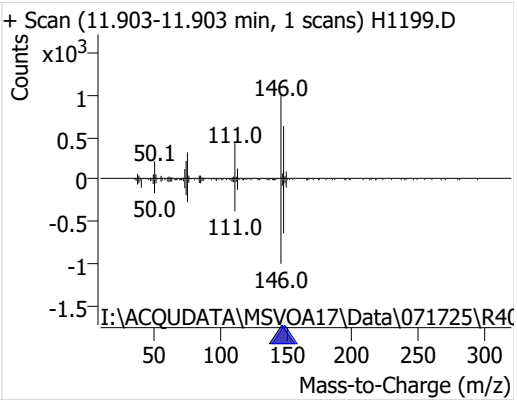


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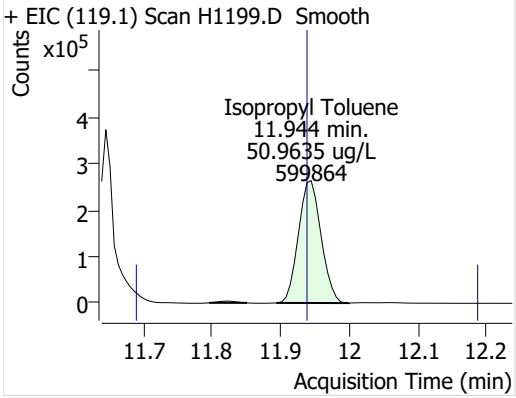
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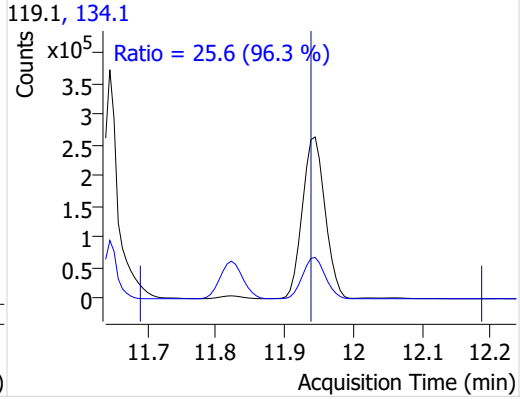


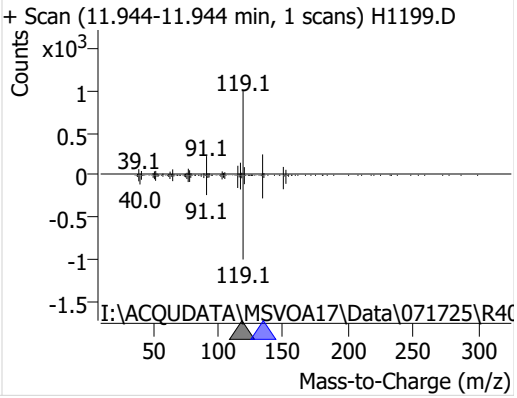




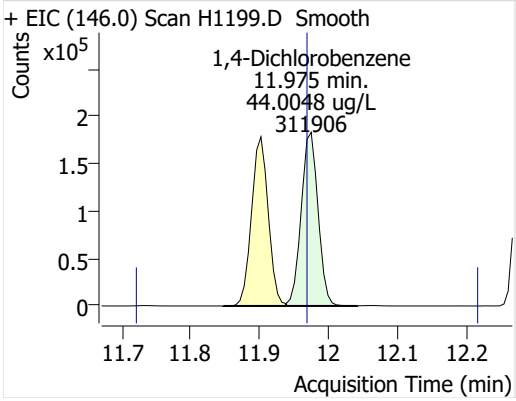
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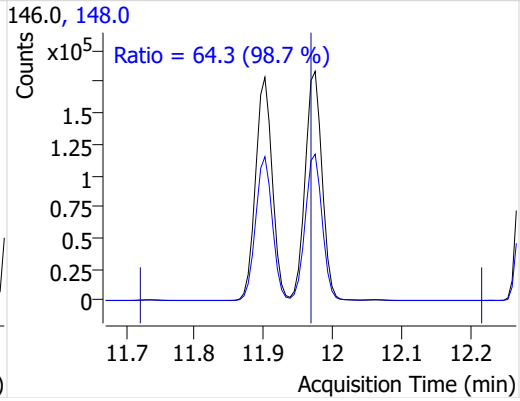


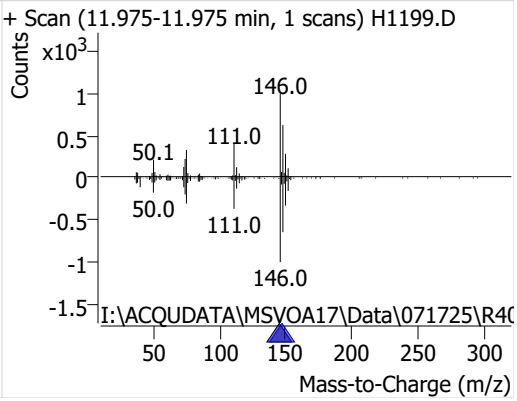




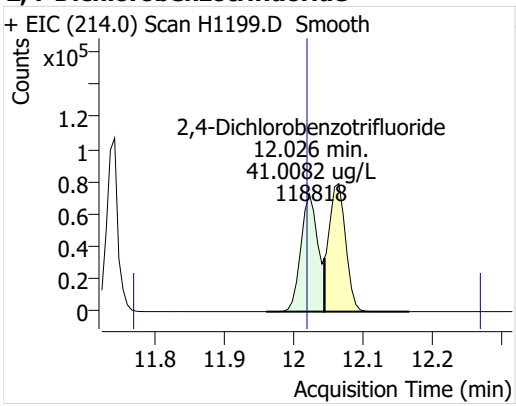
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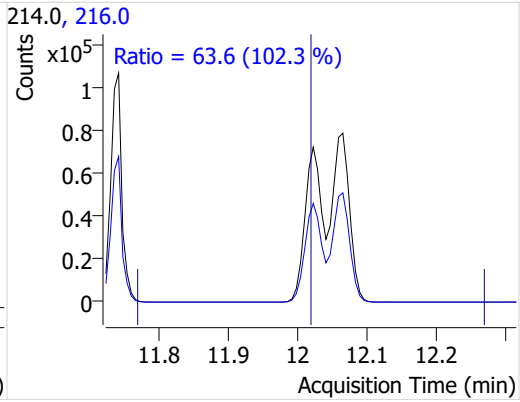


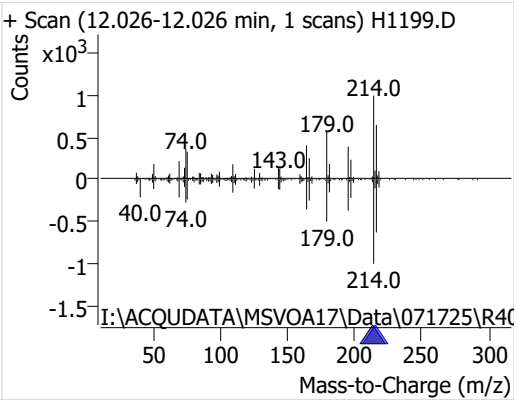




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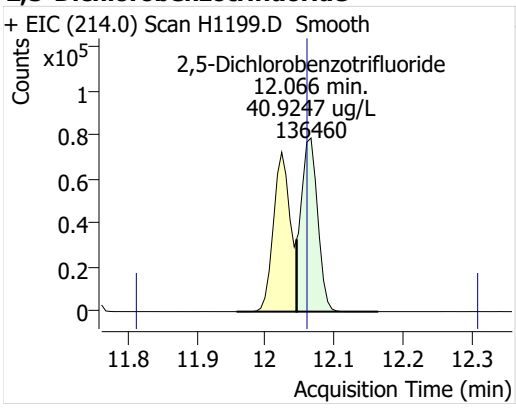


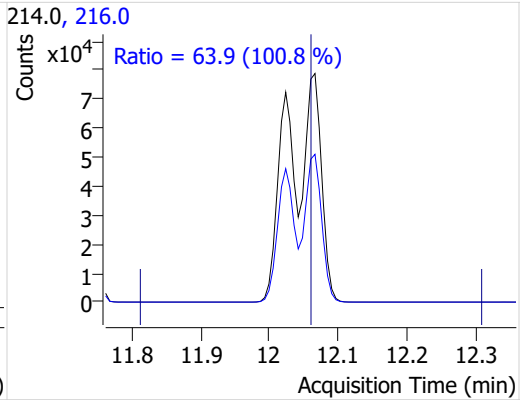


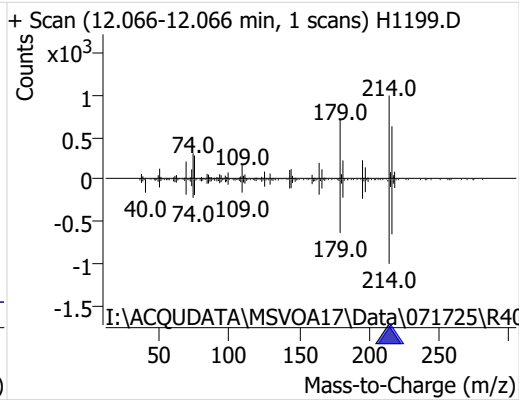


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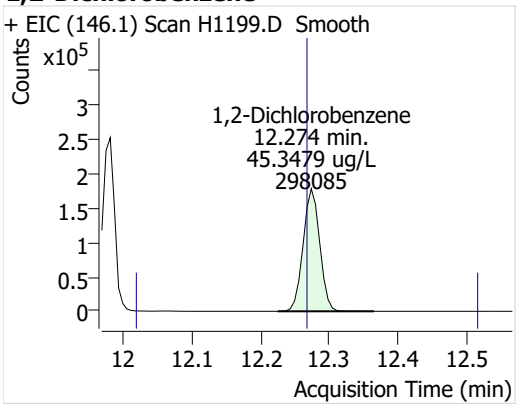
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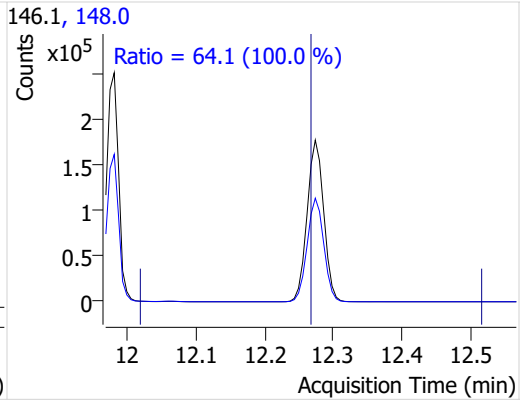


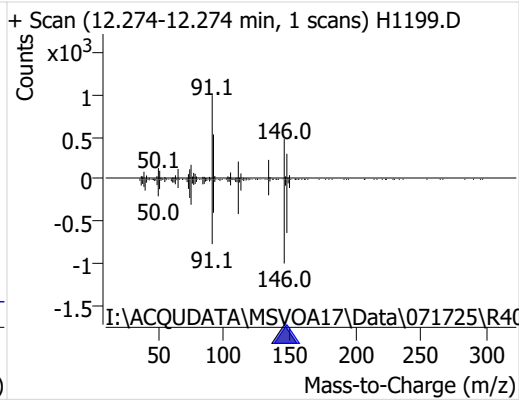




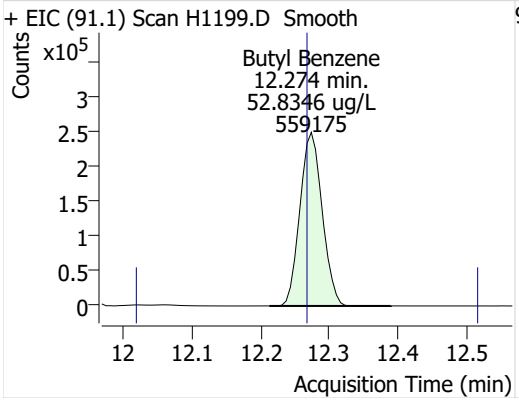
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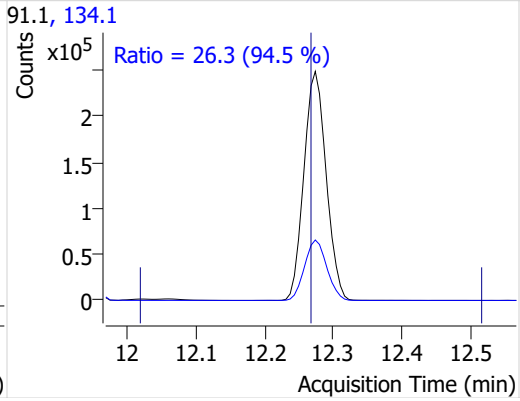


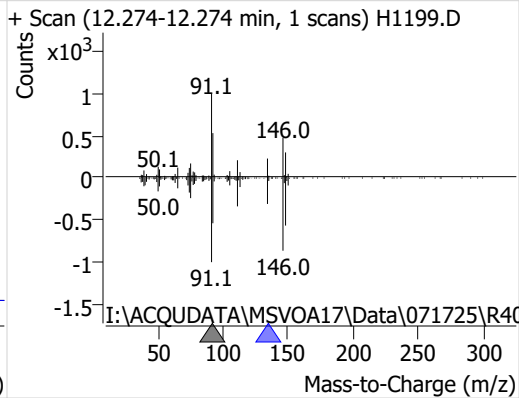




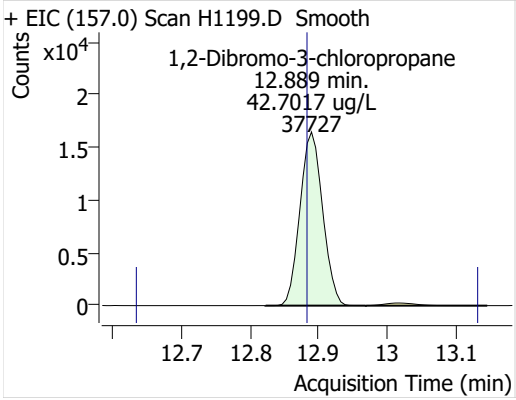
Butyl Benzene

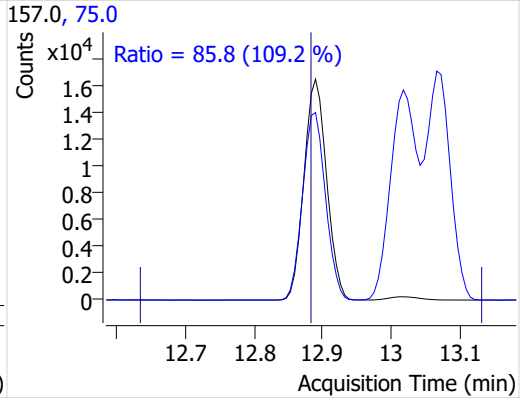


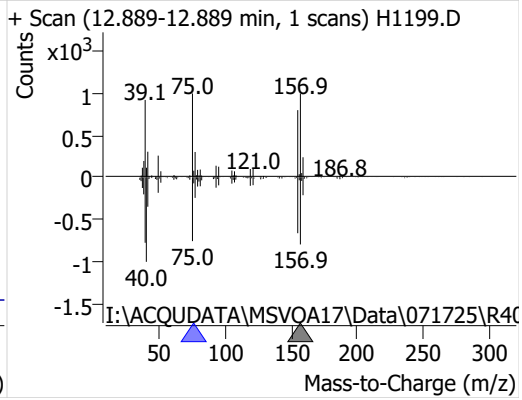




1,2-Dibromo-3-chloropropane

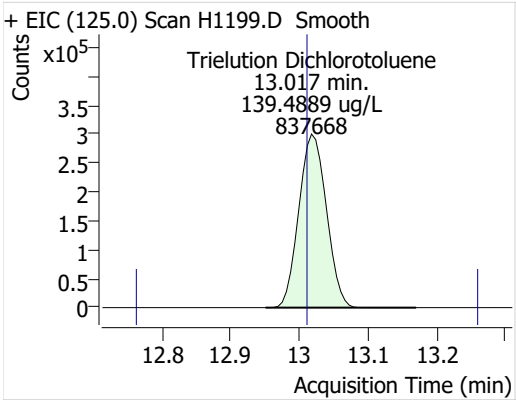


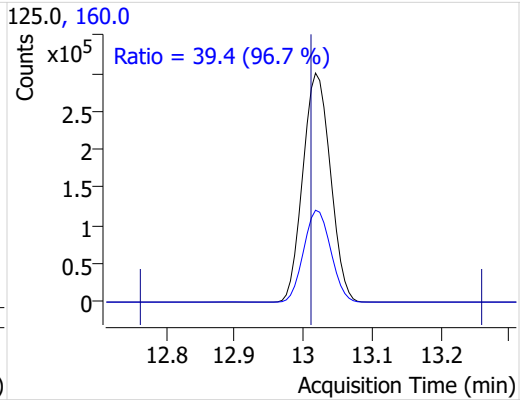


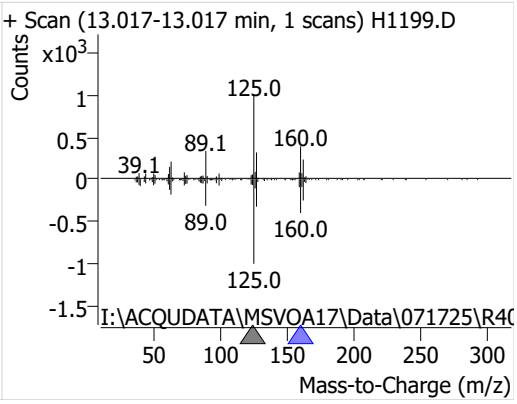


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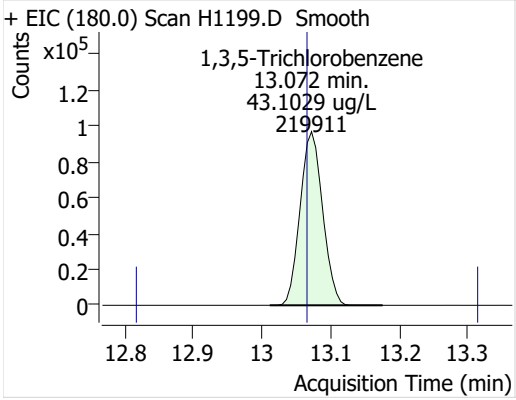
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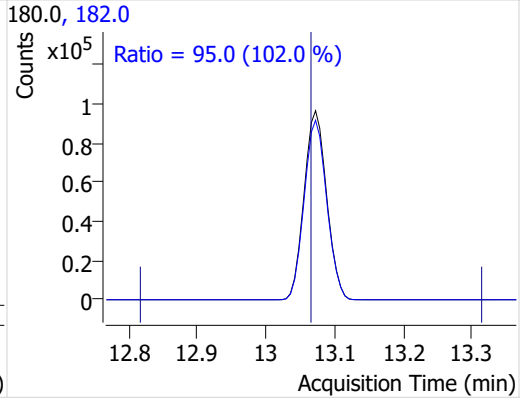


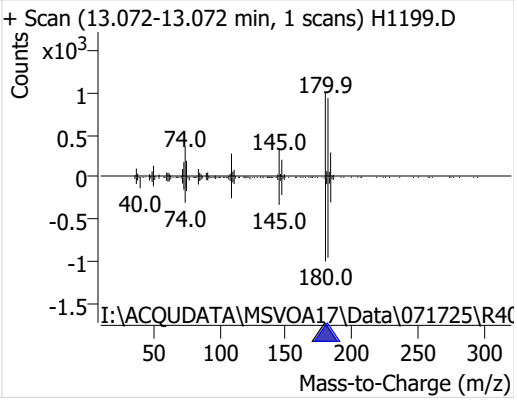




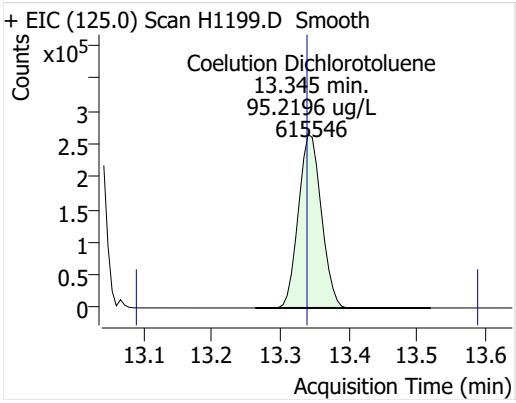
1,3,5-Trichlorobenzene

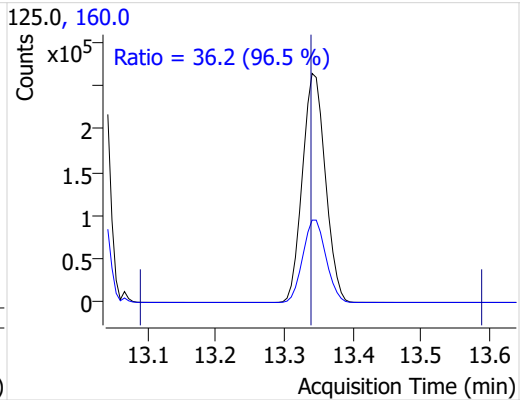


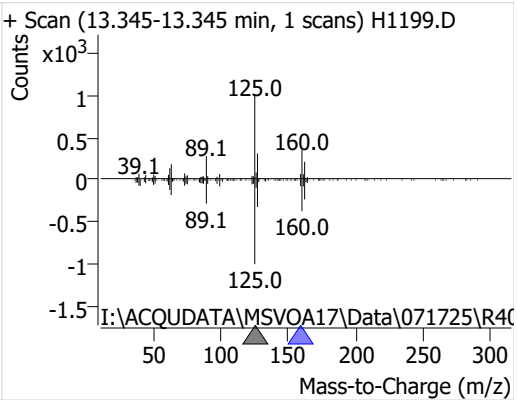




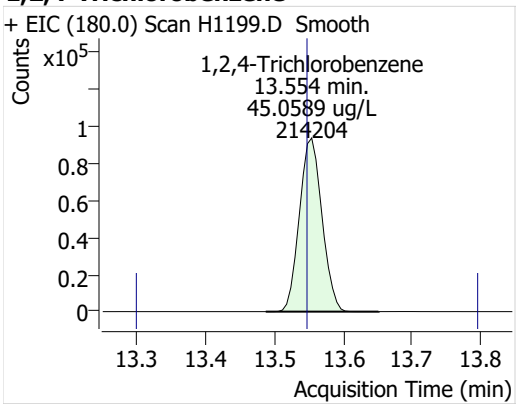
Coelution Dichlorotoluene

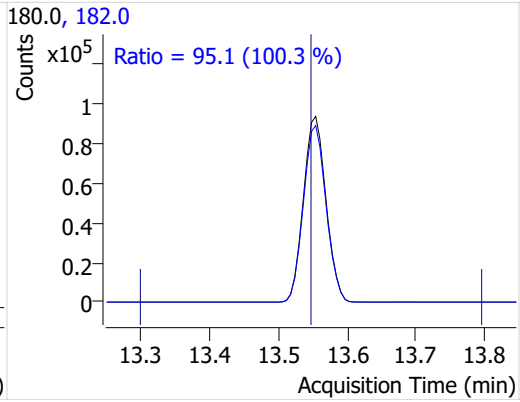


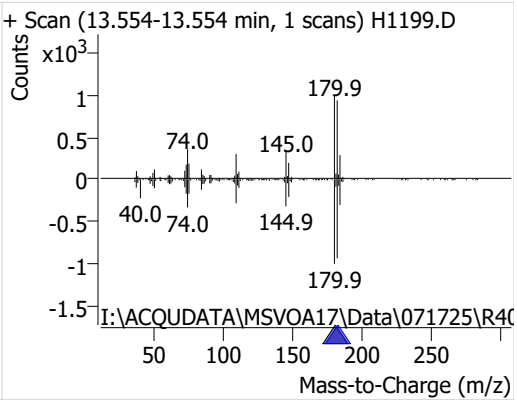




1,2,4-Trichlorobenzene

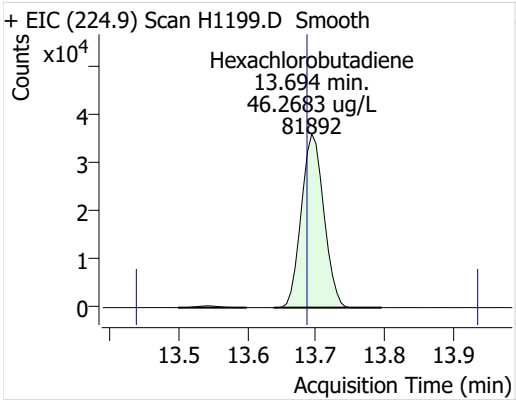


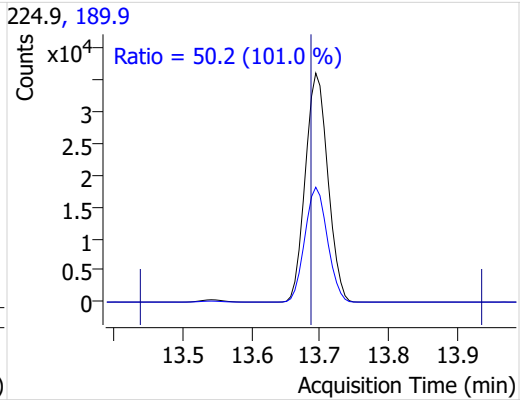


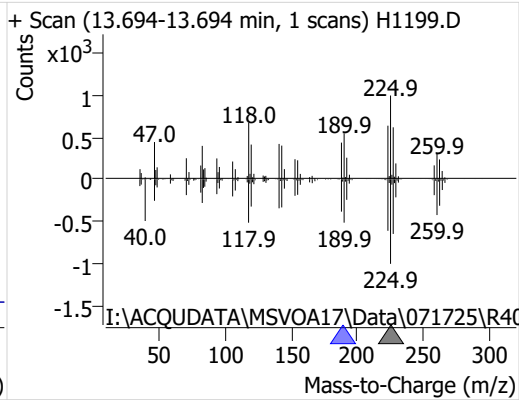


Masshunter Quantitative Analysis Sample Report

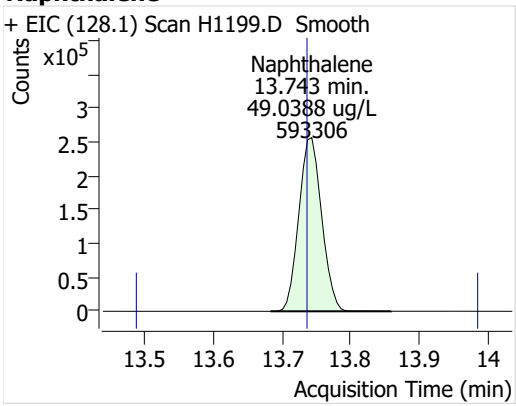
Hexachlorobutadiene

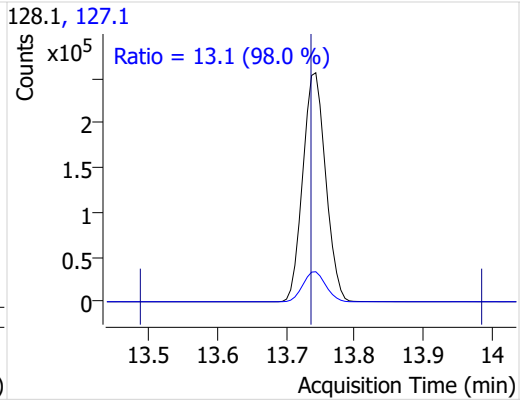


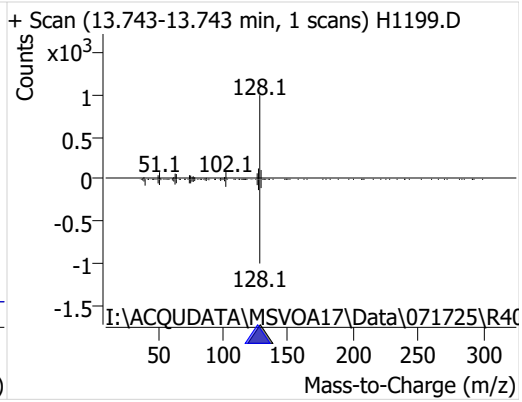




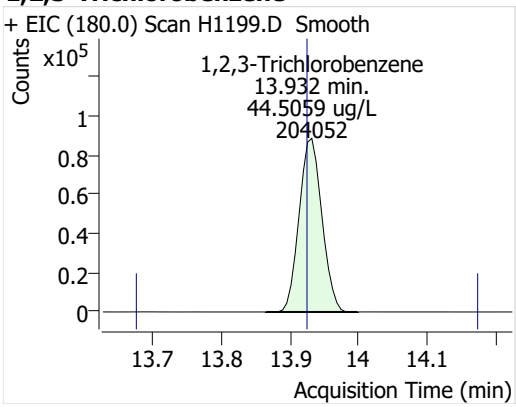
Naphthalene

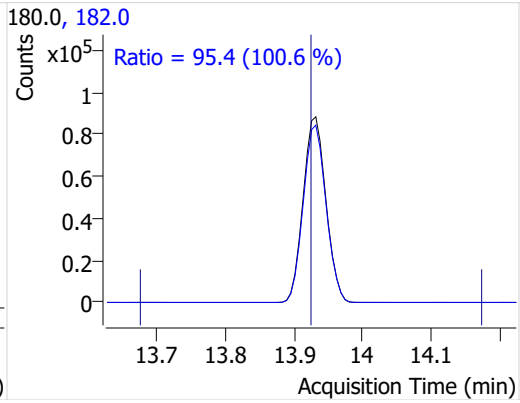


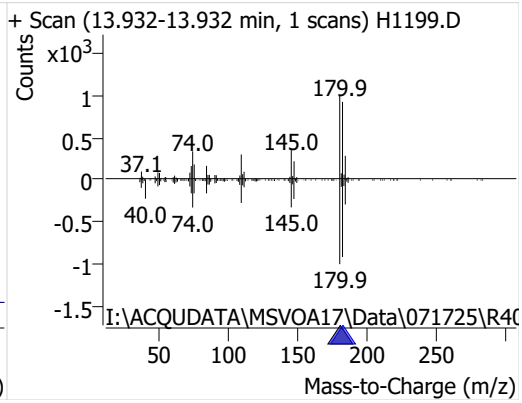




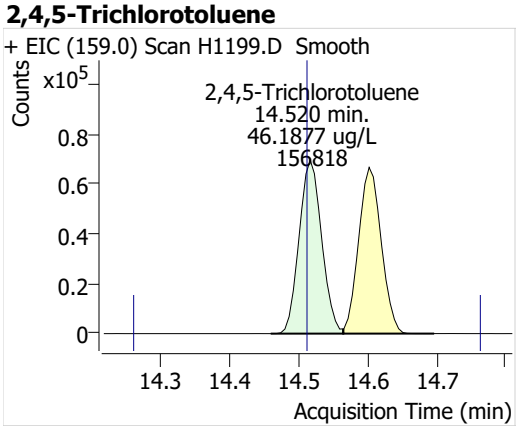
1,2,3-Trichlorobenzene

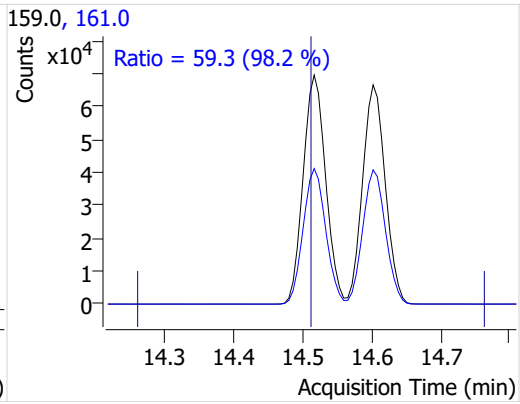


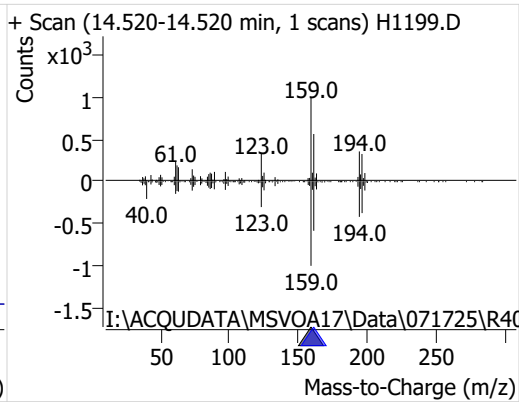




2,4,5-Trichlorotoluene

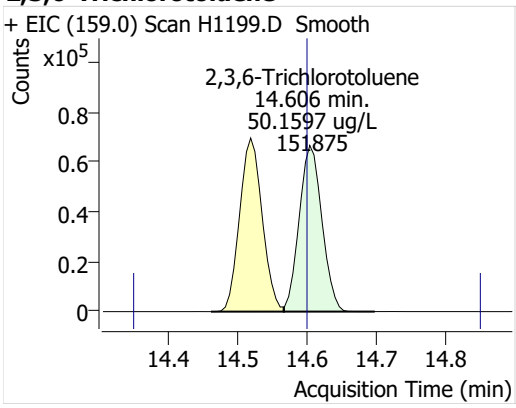


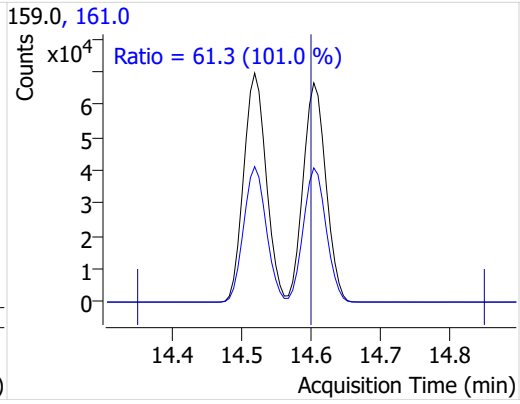


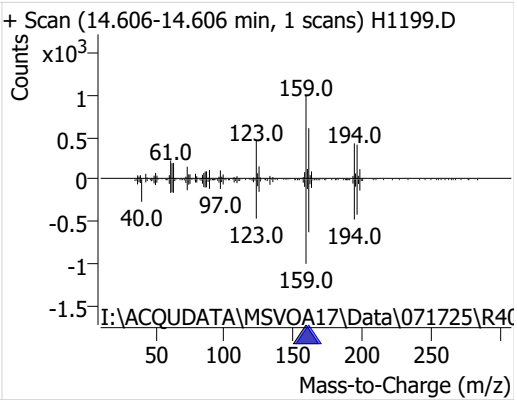


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File I:\ACQUDATA\MSVOA16\Data\090825\090825 ms16 ical.batch.bin
Daily CC I:\ACQUDATA\MSVOA16\Data\092025\H1199.D

Level name	Injection Time	Calibration Files
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2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	248913	114.34	M
1,4-Difluorobenzene	360674	354457	416924	117.62	M
Chlorobenzene-d5	314511	309932	369002	119.06	M
1,4-Dichlorobenzene D4	183727	183815	223511	121.60	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.627	50.00	51.14	-2.29	127.47	Avg RF
Chlorodifluoromethane	-	0.609	0.676	50.00	55.55	-11.10	139.73	Avg RF
Chloromethane	-	0.558	0.623	50.00	55.84	-11.67	138.73	Avg RF
Vinyl Chloride	-	0.653	0.661	50.00	50.60	-1.19	127.71	Avg RF
Bromomethane	-	0.9905	0.3804	50.00	38.22	23.56 #	107.83	Linear
Chloroethane	-	0.478	0.445	50.00	46.47	7.06	129.54	Avg RF
Fluorodichloromethane	-	0.985	0.999	50.00	50.72	-1.43	129.36	Avg RF
Trichlorofluoromethane	-	0.892	0.855	50.00	47.94	4.12	122.58	Avg RF
Freon 123a	-	0.531	0.486	50.00	45.76	8.49	118.52	Avg RF
Diethyl Ether	-	0.458	0.459	50.00	50.18	-0.37	118.77	Avg RF
Freon 123	-	0.799	0.766	50.00	47.90	4.20	125.02	Avg RF
Acrolein	-	0.032	0.063	250.00	488.45	-95.38 #	221.19	Avg RF
1,1-Dichloroethene	-	0.809	0.836	50.00	51.63	-3.27	130.25	Avg RF
Freon 113	-	0.557	0.539	50.00	48.39	3.22	130.34	Avg RF
Acetone	-	0.224	0.212	50.00	47.34	5.32	115.64	Avg RF
Iodomethane	-	0.9960	0.6344	50.00	47.07	5.86	112.30	Linear
2-Propanol	-	0.033	0.031	1000.00	934.23	6.58	122.71	Avg RF
Carbon Disulfide	-	1.356	1.402	50.00	51.71	-3.43	130.29	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.203	300.00	335.21	-11.74	145.10	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.24	-2.48	135.44	Avg RF
Methylene Chloride	-	0.543	0.507	50.00	46.70	6.61	114.27	Avg RF
TBA	-	0.051	0.045	1000.00	897.69	10.23	105.71	Avg RF
Acrylonitrile	-	0.230	0.248	250.00	269.32	-7.73	125.01	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.752	50.00	52.48	-4.96	131.00	Avg RF
MTBE	-	1.496	1.452	50.00	48.51	2.98	110.94	Avg RF
1,1-Dichloroethane	-	0.918	0.932	50.00	50.78	-1.57	126.92	Avg RF
Vinyl Acetate	-	0.774	0.845	50.00	54.56	-9.12	125.30	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.441	50.00	51.17	-2.34	122.41	Avg RF
Diisopropyl ether	-	1.567	1.767	50.00	56.38	-12.77	133.93	Avg RF
ETBE	-	1.467	1.513	50.00	51.60	-3.19	120.08	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.556	50.00	48.54	2.92	116.30	Avg RF
2,2-Dichloropropane	-	0.685	0.646	50.00	47.11	5.78	117.19	Avg RF
2-Butanone	-	0.281	0.278	50.00	49.41	1.18	121.91	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.093	250.00	262.04	-4.82	123.61	Avg RF
Bromochloromethane	-	0.402	0.358	50.00	44.47	11.06	105.89	Avg RF
Methylacrylonitrile	-	0.230	0.242	50.00	52.51	-5.01	117.60	Avg RF
Tetrahydrofuran	-	0.171	0.184	50.00	53.86	-7.73	128.47	Avg RF
Chloroform	-	0.944	0.912	50.00	48.33	3.35	122.02	Avg RF
1,1,1-Trichloroethane	-	0.774	0.763	50.00	49.25	1.50	123.11	Avg RF
TAME	-	1.361	1.325	50.00	48.70	2.61	110.84	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.310	50.00	48.08	3.83	106.98	Avg RF
Cyclohexane	-	0.9954	0.4718	50.00	50.84	-1.69	124.67	Quadratic
Carbon Tetrachloride	-	0.428	0.402	50.00	47.05	5.90	120.13	Avg RF
1,1-Dichloropropene	-	0.398	0.384	50.00	48.33	3.34	126.95	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.403	50.00	54.15	-8.30	121.56	Avg RF
Benzene	-	1.197	1.162	50.00	48.55	2.91	121.77	Avg RF
1,2-Dichloroethane	-	0.463	0.471	50.00	50.94	-1.87	120.64	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0122	1000.00	1045.52	-4.55	123.11	Quadratic
n-Heptane	-	0.9904	0.4791	50.00	57.41	-14.81	149.85	Quadratic
Trichloroethene	-	0.368	0.334	50.00	45.38	9.24	116.25	Avg RF
1-Butanol	-	0.008	0.008	2500.00	2543.73	-1.75	121.65	Avg RF
Methylcyclohexane	-	0.434	0.474	50.00	54.59	-9.17	141.18	Avg RF
1,2-Dichloropropane	-	0.329	0.331	50.00	50.30	-0.61	123.22	Avg RF
Dibromomethane	-	0.235	0.200	50.00	42.63	14.73	106.50	Avg RF
1,4-Dioxane	-	0.005	0.004	1000.00	872.82	12.72	107.44	Avg RF
Methyl Methacrylate	-	0.226	0.221	50.00	48.88	2.24	114.53	Avg RF
Bromodichloromethane	-	0.436	0.417	50.00	47.73	4.53	116.84	Avg RF
2-Nitropropane	-	0.9991	0.1099	100.00	102.40	-2.40	122.19	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.125	50.00	63.68	-27.35 #	143.20	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.410	50.00	47.23	5.55	113.01	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.341	50.00	53.67	-7.35	136.96	Avg RF
Toluene-d8	-	1.246	1.248	50.00	50.07	-0.13	113.36	Avg RF
Toluene	-	1.310	1.290	50.00	49.26	1.47	123.77	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.360	50.00	47.15	5.70	113.19	Avg RF
Ethyl Methacrylate	-	0.398	0.393	50.00	49.38	1.24	113.78	Avg RF
1,1,2-Trichloroethane	-	0.302	0.290	50.00	48.03	3.93	113.99	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.339	50.00	44.87	10.25	119.24	Avg RF
1,3-Dichloropropane	-	0.578	0.562	50.00	48.61	2.78	119.58	Avg RF
2-Hexanone	-	0.141	0.134	50.00	47.33	5.35	123.28	Avg RF
Dibromochloromethane	-	0.403	0.380	50.00	47.19	5.62	114.56	Avg RF
N-Butyl Acetate	-	0.540	0.571	50.00	52.95	-5.89	131.90	Avg RF
1,2-Dibromoethane	-	0.336	0.328	50.00	48.82	2.36	119.63	Avg RF
Chlorobenzene	-	1.047	0.976	50.00	46.59	6.81	119.00	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.452	50.00	41.46	17.08	112.57	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.429	50.00	41.44	17.13	112.11	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.356	50.00	48.79	2.42	118.84	Avg RF
Ethylbenzene	-	1.620	1.636	50.00	50.49	-0.99	127.59	Avg RF
m,p-Xylene	-	1.220	1.274	100.00	104.45	-4.45	126.80	Avg RF
o-Xylene	-	1.303	1.318	50.00	50.58	-1.16	126.14	Avg RF
Styrene	-	1.095	1.071	50.00	48.90	2.21	118.43	Avg RF
Bromoform	-	0.246	0.230	50.00	46.67	6.66	113.71	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.460	50.00	42.13	15.74	114.35	Avg RF
Isopropyl Benzene	-	1.471	1.523	50.00	51.77	-3.54	127.75	Avg RF
Cyclohexanone	-	0.9999	0.0205	1000.00	342.06	65.79 #	36.74	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.126	50.00	54.66	-9.32	128.22	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.813	50.00	50.50	-1.00	123.32	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.751	50.00	47.30	5.39	119.00	Avg RF
Bromobenzene	-	0.790	0.687	50.00	43.47	13.06	111.12	Avg RF
1,2,3-Trichloropropane	-	0.981	0.924	50.00	47.10	5.80	122.41	Avg RF
Propyl Benzene	-	3.172	3.312	50.00	52.22	-4.43	131.55	Avg RF
2-Chlorotoluene	-	1.908	1.870	50.00	49.02	1.96	128.71	Avg RF
3-Chlorotoluene	-	1.921	1.769	50.00	46.04	7.91	121.81	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.428	50.00	50.18	-0.37	126.86	Avg RF
4-Chlorotoluene	-	2.595	2.582	50.00	49.76	0.48	126.70	Avg RF
Tert Butyl Benzene	-	2.384	2.295	50.00	48.12	3.75	125.37	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.435	50.00	51.39	-2.78	125.50	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.592	50.00	42.17	15.67	112.28	Avg RF
Sec Butyl Benzene	-	3.049	3.127	50.00	51.27	-2.55	130.98	Avg RF
1,3-Dichlorobenzene	-	1.505	1.343	50.00	44.62	10.75	118.59	Avg RF
Isopropyl Toluene	-	2.633	2.684	50.00	50.96	-1.93	129.60	Avg RF
1,4-Dichlorobenzene	-	1.586	1.395	50.00	44.00	11.99	117.17	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.532	50.00	41.01	17.98	112.45	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.611	50.00	40.92	18.15	112.67	Avg RF
1,2-Dichlorobenzene	-	1.470	1.334	50.00	45.35	9.30	114.07	Avg RF
Butyl Benzene	-	2.368	2.502	50.00	52.83	-5.67	134.69	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.169	50.00	42.70	14.60	111.60	Avg RF
Trielution Dichlorotoluene	-	1.343	1.249	150.00	139.49	7.01	117.65	Avg RF
1,3,5-Trichlorobenzene	-	1.141	0.984	50.00	43.10	13.79	112.76	Avg RF
Coelution Dichlorotoluene	-	1.446	1.377	100.00	95.22	4.78	117.40	Avg RF
1,2,4-Trichlorobenzene	-	1.063	0.958	50.00	45.06	9.88	115.73	Avg RF
Hexachlorobutadiene	-	0.396	0.366	50.00	46.27	7.46	123.33	Avg RF
Naphthalene	-	2.707	2.654	50.00	49.04	1.92	115.12	Avg RF
1,2,3-Trichlorobenzene	-	1.026	0.913	50.00	44.51	10.99	111.45	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.702	50.00	46.19	7.62	108.50	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.679	50.00	50.16	-0.32	123.26	Avg RF

ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 96% (111 of 115)

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500185-01	0.5ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0749.D	09/08/2025 14:53
02	RC2500185-02	1.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D	09/08/2025 15:16
03	RC2500185-03	2.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D	09/08/2025 15:39
04	RC2500185-04	5.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D	09/08/2025 16:02
05	RC2500185-05	20ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D	09/08/2025 16:24
06	RC2500185-06	50ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D	09/08/2025 16:47
07	RC2500185-07	100ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D	09/08/2025 17:10
08	RC2500185-08	150ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D	09/08/2025 17:33
09	RC2500185-09	200ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0757.D	09/08/2025 17:56

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7071	02	1	0.8651	03	2	0.8238	04	5	0.7847
05	20	0.5482	06	50	0.7084	07	100	0.8352	08	150	0.8562
09	200	0.8402									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.9885	02	1	0.9845	03	2	0.9524	04	5	0.936
05	20	0.7054	06	50	0.8395	07	100	0.942	08	150	0.9634
09	200	0.9464									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.8611	02	1	0.8453	03	2	0.8806	04	5	0.8141
05	20	0.5843	06	50	0.7336	07	100	0.8494	08	150	0.8722
09	200	0.8422									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.7762	05	20	0.8097	06	50	0.8012	07	100	0.8004
08	200	0.8351									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.3019	05	20	0.3444	06	50	0.3408	07	100	0.3179
08	200	0.3067									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3807	02	1	0.4064	03	2	0.3927	04	5	0.3992
05	20	0.2547	06	50	0.3383	07	100	0.4118	08	150	0.4082
09	200	0.4056									

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	1.234	05	20	1.335	06	50	1.294	07	100	1.201
08	200	1.165									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3993	02	1	0.4304	03	2	0.3764	04	5	0.3698
05	20	0.267	06	50	0.3378	07	100	0.3839	08	150	0.3788
09	200	0.3668									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.795	02	1	0.6918	03	2	0.6688	04	5	0.6695
05	20	0.5047	06	50	0.5916	07	100	0.6614	08	150	0.6575
09	200	0.6369									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.5849	02	1	0.5872	03	2	0.5949	04	5	0.5541
05	20	0.4745	06	50	0.5463	07	100	0.598	08	150	0.6124
09	200	0.5985									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7719	02	1	0.7285	03	2	0.7412	04	5	0.7033
05	20	0.5371	06	50	0.6561	07	100	0.752	08	150	0.7865
09	200	0.769									

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	13.4	≤20	0.7743	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	9.9	≤20	0.9176	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	11.7	≤20	0.8092	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	2.6	≤20	0.8045	
Dibromofluoromethane	SURR	Average RF	% RSD	6.0	≤20	0.3223	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	13.6	≤20	0.3775	0.200
Toluene-d8	SURR	Average RF	% RSD	5.5	≤20	1.246	
Trichloroethene (TCE)	TRG	Average RF	% RSD	12.3	≤20	0.3678	0.200
Vinyl Chloride	TRG	Average RF	% RSD	11.9	≤20	0.653	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.5723	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	10.9	≤20	0.7162	0.100

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511647
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500185-10	ICV-50	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D	09/08/2025 19:04

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	56.1	7.743E-1	8.69E-1	12.22	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.3	9.176E-1	9.772E-1	6.50	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	54.5	8.092E-1	8.814E-1	8.92	±30	Average RF
Tetrachloroethene (PCE)	50.0	56.9	3.775E-1	4.3E-1	13.90	±30	Average RF
Trichloroethene (TCE)	50.0	53.9	3.678E-1	3.965E-1	7.80	±30	Average RF
Vinyl Chloride	50.0	54.5	6.53E-1	7.113E-1	8.93	±30	Average RF
cis-1,2-Dichloroethene	50.0	57.5	5.723E-1	6.576E-1	14.91	±30	Average RF
trans-1,2-Dichloroethene	50.0	49.9	7.162E-1	7.151E-1	-0.157	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	48.7	8.045E-1	7.834E-1	-2.623	±30	Average RF
Dibromofluoromethane	50.0	49.3	3.223E-1	3.178E-1	-1.395	±30	Average RF
Toluene-d8	50.0	48.3	1.246E0	1.205E0	-3.321	±30	Average RF

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003

Service Request: R2511647
Date Analyzed: 09/20/25 10:06

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D
Signal ID: 1

Calibration Date: 9/8/2025
Calibration ID: RC2500185
Analysis Lot: 893977
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.3	0.7743	0.7627	-1.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.8	0.9176	0.9319	1.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	51.6	0.8092	0.8357	3.3	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	44.9	0.3775	0.3388	-10.3	NA	±20	Average RF
Trichloroethene (TCE)	50.0	45.4	0.3678	0.3338	-9.2	NA	±20	Average RF
Vinyl Chloride	50.0	50.6	0.653	0.6608	1.2	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	48.5	0.5723	0.5556	-2.9	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	52.5	0.7162	0.7517	5.0	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.5	0.8045	0.8125	1.0	NA	±20	Average RF
Dibromofluoromethane	50.0	48.1	0.3223	0.31	-3.8	NA	±20	Average RF
Toluene-d8	50.0	50.1	1.2459	1.2476	0.1	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	Continuing Calibration Verification	RQ2512977-01	9/20/2025	10:06	
I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	Lab Control Sample	RQ2512977-02	9/20/2025	10:53	
I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	11:16	
I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	Method Blank	RQ2512977-04	9/20/2025	12:14	
I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	12:37	
I:\ACQUDATA\MSVOA16\Data\092025\H1205.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:00	
I:\ACQUDATA\MSVOA16\Data\092025\H1206.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:23	
I:\ACQUDATA\MSVOA16\Data\092025\H1207.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:46	
I:\ACQUDATA\MSVOA16\Data\092025\H1208.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:08	
I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:31	
I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:54	
I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	15:17	
I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	15:39	
I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	16:02	
I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	16:25	
I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:33	
I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:56	
I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	MW-11-091525	R2511647-003	9/20/2025	18:19	
I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	18:42	
I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:04	
I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	MW-9-091525	R2511647-007	9/20/2025	19:27	
I:\ACQUDATA\MSVOA16\Data\092025\H1223.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:50	
I:\ACQUDATA\MSVOA16\Data\092025\H1224.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:13	

Client: Verina Consulting Group, LLC **Service Request:**R2511647
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1225.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:36	

Analysis: 8260D_WCA | Analyst: LMP | pH strips: 233024 | Tune Method: RC250016S

Date: 9/20/25 | Balance ID: NA | ResCl strips: NA | Run Method: 090825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 233677 | LIMS Run#: 893977

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	MBK								H1198		
2	CCV		RQ25112977 . 01						H1199	YK	
1	LCS . wmp		02						H1200	YK	
2	LCS . FP		03						H1201	YK	
1	BLK		04						H1202	N	wpt 10
2	MRLK . wmp		05						H1203	YK	
3	MRLK . FP								H1204	YK	
4	R25 11212 . 003			23304	1	N	NA	4	H1205	Y	
5	004				1			12	H1206	Y	
6	R25 11365 . 003				1			12	H1207	Y	
7	004				1			12	H1208	Y	
8	R25 11791 . 006							4	H1209	Y	
9	001			26516	1+2			8	H1210	Y	↑ sediment
10	003				1			4	11	Y	
11	004			26516	1			8	12	Y	
12	005				1			12	13	Y	
13	007			24516	1			8	14	Y	
14	002	5.0	10/50mls	↓	1	↓	↓	—	15	N	wpt 1 ↑ sediment
15	BLK	—							16	—	
16	R25 11647 . 001				1	N	NA	12	17	Y	
17	002				1			12	18	Y	
18	003	10	5/50mls * purple: MK! *	26516	1			NA	19	Y	(ox · matrix)
19	004				1			12	H1220	Y	
20	005				1			12	01	Y	
21	007			26516	1			7	22	Y	
22	R25 11394 . 001			23434				12	23	Y	
23	002			↓				12	24	Y	
24	R25 11395 . 001	2.5	20/50mls					12	25	Y	
25	R25 11791 . 005	5.0	MS . 002 (10/20mls)		1			—	26	YN	N Run OK - parent not reported
26	005	5.0	MSD . 002 (10/20mls)		1	↓	↓	—	27	YN	10 ↓
27	BLK	—							28	—	
28	↓	—							H1229	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr: 243579

Surrogate SD: 243579

Internal Std SD: 243578

Reagents:

500 Primary DCE: 243703

Primary TB: 243680

Primary HSL: 243680 5uL → 50mls = CCV

Primary FR: 243684

Primary 236: 243674

JT

200 Secondary FR: 243705 · 5uL

500 Secondary DCE: 243619

Secondary TB: 243691 2uL

Secondary HSL: 243677

Secondary 236: 243675

JT

50mls = LCS

-10.6uL

4.3uL

43mL vial = MS/D

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Runlog-MSVOAr5 1/11/22

October 02, 2025 Service Request No:R2511791

Ms. Sarah MacCarter, LSRP
Verina Consulting Group, LLC
1011 US Highway 22, Suite 302
Bridgewater, NJ 08807

Laboratory Results for: Dover Binghamton

Dear Ms.MacCarter, LSRP,

Enclosed are the results of the sample(s) submitted to our laboratory September 18, 2025
For your reference, these analyses have been assigned our service request number **R2511791.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

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8270E SIM - 1,4-Dioxane

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Run Log 738

Run Log Sheets 739

Prep Summary Semivoa GCMS 741

Prep Sheets 742

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC
Project: Dover Binghamton
Sample Matrix: Water

Service Request: R2511791
Date Received: 09/18/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.
Manual Integrations may have been used in the quantitation of the results in this report. Manual Integrations are readily identified in the raw data on the Quantitation Reports (Organics) by the automatic placement of an “m” next to the sample result. For Ion Chromatography, the manual integrations are identified by the automatic placement of “manipulated” or "manually integrated" in the upper left corner of the chromatogram (Hexavalent Chromium) or “M” by the result in the “Type” column (anions). The reason for the manual integration is noted on the “after” chromatogram, which is found with the original chromatogram and quantitation report. All integrations follow the lab SOP ADM-INT “Manual Integration.”

Sample Receipt:

Seven water samples were received for analysis at ALS Environmental on 09/18/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

No significant anomalies were noted with this analysis.

Approved by _____ Date 10/01/2025

Sample Receipt Information

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2511791-001	MW-17-091725	9/17/2025	1050
R2511791-002	MW-16-091725	9/17/2025	0950
R2511791-003	MW-10-091725	9/17/2025	1040
R2511791-004	MW-8-091725	9/17/2025	1130
R2511791-005	FB-091725	9/17/2025	1145
R2511791-006	TB-091725	9/17/2025	0000
R2511791-007	DUP-091725	9/17/2025	0000

Chain of Custody / Analytical Request Form

080955

SR#:

Page 1 of 1

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Report To:

Company: Verina Consulting Group
Contact: Sarah MacCarter
Email: SMaccarter@vcg-llc.com
Phone: 908 664 4400
Address: 1011 US 22, Suite 302
Bridgewater NJ, 08807

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER

Project Name: Dover Binghamton
Project Number: 5101.0003
ALS Quote #:
Sampler's Signature:
Email CC:
Email CC:
State Samples Collected (Circle or Write): (NY) MA, PA, CT, Other:

Preservative: 8/1 = 0

0. None
1. HCl
2. HNO3
3. H2SO4
4. NAOH
5. Zn Acet.
6. MeOH
7. NaHSO4
8. Other

Lab ID (ALS)	Sample ID:	Date	Time	Matrix (GW WW SW DW S L NA)	Number of Containers	MS/MSD?	GC/MS VOA - 8260•624•524•TCLP	GC/MS SVOA - 8270 • 625 • TCLP	Pesticides - 8081 • 608 • TCLP	PCBs - 8082 • 608	Herbicides - 8151 • TCLP	Metals, Total - Select Below	Metals, Dissolved - Field / In-Lab Filter	SSPL VOCs	1,4 - Dioxane	Notes:
	MW-17-091725	9/17/25	1050	GW	3									X	X	
	MW-16-091725	9/17/25	950	GW	3									X	X	
	MW-10-091725	9/17/25	1040	GW	3									X	X	
	MW-8-091725	9/17/25	1130	GW	3									X	X	
	FB-091725	9/17/25	1145	GW	2									X	X	
	TB-091725	9/17/25	0000	GW	2									X		HCl
	DUP-091725	09/17/25	00:00	GW	4									X	X	

Special Instructions / Comments:
* Sodium Thiosulfate added to all unpreserved vials to be analyzed for SSPL VOCs. 1,4 Dioxane jars all have no preservative
* SSPL VOCs = "1,1-DCA", "1,1-DCE", "cis-1,2-DCE" "trans-1,2-DCE", "PCE", "TCE", "1,1,1-TCA", "VC"

Turnaround Requirements

____ Rush (Surcharges Apply)
Subject to Availability
Please Check with your PM
✓ Standard (10 Business Days)
Date Required:

Report Requirements

✓ Tier II/Cat A -Results/QC
____ Tier IV/Cat B - Data Validation Report w/. Data
EDD: ✓ Yes ____ No
EDD Type: NYSDEC EQUIS

Metals: RCRA 8•PP 13•TAL 23•TCLP•Other (List)

VOA/SVOA Report List: TCL • BTEX • TCLP • CP-51/Stars •THM • Other: _____

Invoice To: (✓ Same as Report To)

PO #:
Company:
Contact:
Email:

	Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature						
Printed Name	Mike Sinanan	Thomas Potter				
Company	Verina Consulting	ACS				
Date/Time	9/17 1730	9/18 0805				

R2511791 5
Verina Consulting Group, LLC
Dover Binghamton

Distribution: White - Lab Copy; Yellow - Return to Originator

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R2511791 5
Verina Consulting Group, LLC
Dover Binghamton

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 9/18/25 by: TSP

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	(Y) N	5a	Did **VOA** vials have sig* **bubbles**?			Y N (NA)	
2	**Custody papers** properly completed (ink, signed)?	(Y) N	5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?**	Y N (NA)	
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	6	Where did the bottles originate?	ALS/ROC	CLIENT		
4	Circle: **Wet Ice** **Dry Ice** **Gel packs** present?	(Y) N	7	Soil VOA received as:	Bulk	Encore	5035set	(NA)

8. Temperature Readings Date: 9/18/25 Time: 830 ID: (IR#12) IR#11 From: (Temp Blank) Sample Bottle

Temp (°C)	1.4						
Within 0-6°C?	(Y) N	Y N	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by TSP on 9/18 at 832
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 9/18 Time: 1055 by: [signature]

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? ~~YES~~ NO
10. Did all bottle labels and tags agree with custody papers? ~~YES~~ NO
11. Were correct containers used for the tests indicated? ~~YES~~ NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: _____
Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: [signature] *significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton/5101.0003

Sample Name: MW-17-091725 **Date Collected:** 09/17/25
Lab Code: R2511791-001 **Date Received:** 09/18/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name: MW-16-091725 **Date Collected:** 09/17/25
Lab Code: R2511791-002 **Date Received:** 09/18/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name: MW-10-091725 **Date Collected:** 09/17/25
Lab Code: R2511791-003 **Date Received:** 09/18/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name: MW-8-091725 **Date Collected:** 09/17/25
Lab Code: R2511791-004 **Date Received:** 09/18/25
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003		

Sample Name:	FB-091725	**Date Collected:**	09/17/25
Lab Code:	R2511791-005	**Date Received:**	09/18/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

Sample Name:	TB-091725	**Date Collected:**	09/17/25
Lab Code:	R2511791-006	**Date Received:**	09/18/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST

Sample Name:	DUP-091725	**Date Collected:**	09/17/25
Lab Code:	R2511791-007	**Date Received:**	09/18/25
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
8260D		KRUEST
8270E SIM	KPROCOPIO	KPROCOPIO

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7 / 200.8	200.2
6010D	3005A/3010A
6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010D	3050B
6010D TCLP (1311) extract	3005A/3010A
6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-17-091725	**Units:**	ug/L
Lab Code:	R2511791-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.2**	1.0	0.20	1	09/20/25 14:54	
1,1-Dichloroethane (1,1-DCA)	**14**	1.0	0.20	1	09/20/25 14:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 14:54	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 14:54	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 14:54	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 14:54	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 14:54	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 14:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/20/25 14:54	
Dibromofluoromethane	109	80 - 116	09/20/25 14:54	
Toluene-d8	99	87 - 121	09/20/25 14:54	

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 09:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-16-091725	**Units:**	ug/L
Lab Code:	R2511791-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.9**	1.0	0.20	1	09/23/25 21:29	
1,1-Dichloroethane (1,1-DCA)	**34**	1.0	0.20	1	09/23/25 21:29	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/23/25 21:29	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/23/25 21:29	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/23/25 21:29	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/23/25 21:29	
cis-1,2-Dichloroethene	**0.51 J**	1.0	0.23	1	09/23/25 21:29	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/23/25 21:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	09/23/25 21:29	
Dibromofluoromethane	109	80 - 116	09/23/25 21:29	
Toluene-d8	96	87 - 121	09/23/25 21:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:30
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-8-091725	**Units:**	ug/L
Lab Code:	R2511791-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.9**	1.0	0.20	1	09/20/25 15:39	
1,1-Dichloroethane (1,1-DCA)	**5.7**	1.0	0.20	1	09/20/25 15:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 15:39	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 15:39	
Trichloroethene (TCE)	**4.6**	1.0	0.20	1	09/20/25 15:39	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 15:39	
cis-1,2-Dichloroethene	**1.8**	1.0	0.23	1	09/20/25 15:39	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 15:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	112	85 - 122	09/20/25 15:39	
Dibromofluoromethane	106	80 - 116	09/20/25 15:39	
Toluene-d8	100	87 - 121	09/20/25 15:39	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 08:05
Sample Name:	DUP-091725	**Units:**	ug/L
Lab Code:	R2511791-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.6**	1.0	0.20	1	09/20/25 16:25	
1,1-Dichloroethane (1,1-DCA)	**5.3**	1.0	0.20	1	09/20/25 16:25	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 16:25	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 16:25	
Trichloroethene (TCE)	**4.0**	1.0	0.20	1	09/20/25 16:25	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 16:25	
cis-1,2-Dichloroethene	**1.5**	1.0	0.23	1	09/20/25 16:25	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 16:25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	09/20/25 16:25	
Dibromofluoromethane	102	80 - 116	09/20/25 16:25	
Toluene-d8	99	87 - 121	09/20/25 16:25	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:40
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-10-091725	**Units:**	ug/L
Lab Code:	R2511791-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**2.0**	1.0	0.20	1	09/20/25 15:17	
1,1-Dichloroethane (1,1-DCA)	**0.56 J**	1.0	0.20	1	09/20/25 15:17	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 15:17	
Tetrachloroethene (PCE)	**0.83 J**	1.0	0.21	1	09/20/25 15:17	
Trichloroethene (TCE)	**12**	1.0	0.20	1	09/20/25 15:17	
Vinyl Chloride	**0.23 J**	1.0	0.20	1	09/20/25 15:17	
cis-1,2-Dichloroethene	**2.7**	1.0	0.23	1	09/20/25 15:17	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 15:17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	09/20/25 15:17	
Dibromofluoromethane	102	80 - 116	09/20/25 15:17	
Toluene-d8	102	87 - 121	09/20/25 15:17	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:45
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	FB-091725	**Units:**	ug/L
Lab Code:	R2511791-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 16:02	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 16:02	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 16:02	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 16:02	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 16:02	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 16:02	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 16:02	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 16:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	09/20/25 16:02	
Dibromofluoromethane	103	80 - 116	09/20/25 16:02	
Toluene-d8	102	87 - 121	09/20/25 16:02	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	TB-091725	**Units:**	ug/L
Lab Code:	R2511791-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 14:31	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 14:31	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 14:31	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 14:31	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 14:31	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 14:31	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 14:31	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 14:31	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	09/20/25 14:31	
Dibromofluoromethane	106	80 - 116	09/20/25 14:31	
Toluene-d8	103	87 - 121	09/20/25 14:31	

Semivolatile Organic Compounds by GC/MS

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-17-091725	**Units:**	ug/L
Lab Code:	R2511791-001	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**0.69**	0.40	0.35	1	09/24/25 19:29	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	80	64 - 124	09/24/25 19:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 09:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-16-091725	**Units:**	ug/L
Lab Code:	R2511791-002	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.8**	0.40	0.35	1	09/24/25 19:45	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	84	64 - 124	09/24/25 19:45	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:40
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-10-091725	**Units:**	ug/L
Lab Code:	R2511791-003	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	09/24/25 20:02	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	81	64 - 124	09/24/25 20:02	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:30
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-8-091725	**Units:**	ug/L
Lab Code:	R2511791-004	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.2**	0.080	0.070	1	09/24/25 20:19	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:19	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:45
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	FB-091725	**Units:**	ug/L
Lab Code:	R2511791-005	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	09/24/25 20:36	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:36	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 08:05
Sample Name:	DUP-091725	**Units:**	ug/L
Lab Code:	R2511791-007	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.2**	0.080	0.070	1	09/24/25 20:52	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:52	

QC Summary Forms

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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-17-091725	R2511791-001	99	109	99
MW-16-091725	R2511791-002	107	109	96
MW-8-091725	R2511791-004	112	106	100
DUP-091725	R2511791-007	104	102	99
Lab Control Sample	RQ2512977-02	116	102	102
Method Blank	RQ2512977-04	110	101	101
Lab Control Sample	RQ2513133-03	104	97	94
Method Blank	RQ2513133-04	112	107	102

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 12:14
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Method Blank	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-04	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2512977-02	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	09/20/25 10:53
MW-17-091725	R2511791-001	I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	09/20/25 14:54
MW-8-091725	R2511791-004	I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	09/20/25 15:39
DUP-091725	R2511791-007	I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	09/20/25 16:25

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/23/25 13:51
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Method Blank	**Instrument ID:**	R-MS-16
Lab Code:	RQ2513133-04	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092325\H1296.D
Analysis Method:	8260D	**Analysis Lot:**	894281
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2513133-03	I:\ACQUDATA\MSVOA16\Data\092325\H1293.D	09/23/25 12:33
MW-16-091725	R2511791-002	I:\ACQUDATA\MSVOA16\Data\092325\H1316.D	09/23/25 21:29

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2512977-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 12:14	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 12:14	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 12:14	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 12:14	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 12:14	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 12:14	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 12:14	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 12:14	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	110	85 - 122	09/20/25 12:14	
Dibromofluoromethane	101	80 - 116	09/20/25 12:14	
Toluene-d8	101	87 - 121	09/20/25 12:14	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2513133-04	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/23/25 13:51	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/23/25 13:51	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/23/25 13:51	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/23/25 13:51	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/23/25 13:51	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/23/25 13:51	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/23/25 13:51	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/23/25 13:51	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	112	85 - 122	09/23/25 13:51	
Dibromofluoromethane	107	80 - 116	09/23/25 13:51	
Toluene-d8	102	87 - 121	09/23/25 13:51	

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 10:53
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-02	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2512977-04	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	09/20/25 12:14
MW-17-091725	R2511791-001	I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	09/20/25 14:54
MW-8-091725	R2511791-004	I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	09/20/25 15:39
DUP-091725	R2511791-007	I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	09/20/25 16:25

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/23/25 12:33
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2513133-03	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092325\H1293.D
Analysis Method:	8260D	**Analysis Lot:**	894281
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2513133-04	I:\ACQUDATA\MSVOA16\Data\092325\H1296.D	09/23/25 13:51
MW-16-091725	R2511791-002	I:\ACQUDATA\MSVOA16\Data\092325\H1316.D	09/23/25 21:29

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511791
Date Analyzed: 09/20/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2512977-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	21.5	20.0	108	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	22.3	20.0	112	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	22.4	20.0	112	71-118
Tetrachloroethene (PCE)	8260D	21.0	20.0	105	72-125
Trichloroethene (TCE)	8260D	20.3	20.0	101	74-122
Vinyl Chloride	8260D	24.4	20.0	122	74-159
cis-1,2-Dichloroethene	8260D	21.9	20.0	109	80-121
trans-1,2-Dichloroethene	8260D	20.8	20.0	104	73-118

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511791
Date Analyzed: 09/23/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2513133-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	20.5	20.0	102	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	21.3	20.0	107	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	20.6	20.0	103	71-118
Tetrachloroethene (PCE)	8260D	20.3	20.0	102	72-125
Trichloroethene (TCE)	8260D	17.9	20.0	89	74-122
Vinyl Chloride	8260D	23.1	20.0	115	74-159
cis-1,2-Dichloroethene	8260D	21.1	20.0	106	80-121
trans-1,2-Dichloroethene	8260D	20.0	20.0	100	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Tune Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 893977

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2512977-01	I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	09/20/25 10:06	
Lab Control Sample	RQ2512977-02	I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	09/20/25 10:53	
Method Blank	RQ2512977-04	I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	09/20/25 12:14	
MW-17-091725	R2511791-001	I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	09/20/25 14:54	
MW-8-091725	R2511791-004	I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	09/20/25 15:39	
DUP-091725	R2511791-007	I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	09/20/25 16:25	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/23/25 11:53

Tune Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092325\H1292.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 894281

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2513133-02	I:\ACQUDATA\MSVOA16\Data\092325\H1292.D	09/23/25 11:53	
Lab Control Sample	RQ2513133-03	I:\ACQUDATA\MSVOA16\Data\092325\H1293.D	09/23/25 12:33	
Method Blank	RQ2513133-04	I:\ACQUDATA\MSVOA16\Data\092325\H1296.D	09/23/25 13:51	
MW-16-091725	R2511791-002	I:\ACQUDATA\MSVOA16\Data\092325\H1316.D	09/23/25 21:29	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	223,511	11.95	416,924	6.67	369,002	9.92
	Upper Limit ==>	447,023	12.12	833,849	6.84	738,005	10.09
	Lower Limit ==>	111,756	11.78	208,462	6.50	184,501	9.75
Associated Analyses							
Lab Control Sample	RQ2512977-02	193624	11.950	412975	6.665	354626	9.920
Method Blank	RQ2512977-04	171527	11.957	387646	6.671	342711	9.920
MW-17-091725	R2511791-001	158284	11.951	345056	6.671	310079	9.920
MW-8-091725	R2511791-004	165787	11.950	367385	6.671	330009	9.920
DUP-091725	R2511791-007	172882	11.950	378414	6.671	335700	9.920

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	248,913	5.62
	Upper Limit ==>	497,826	5.79
	Lower Limit ==>	124,456	5.45
Associated Analyses			
Lab Control Sample	RQ2512977-02	249546	5.616
Method Blank	RQ2512977-04	231196	5.622
MW-17-091725	R2511791-001	204507	5.623
MW-8-091725	R2511791-004	217189	5.622
DUP-091725	R2511791-007	225056	5.622

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/23/25 11:53

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092325\H1292.D **Lab Code:**RQ2513133-02
Instrument ID: R-MS-16 **Analysis Lot:**894281
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	214,615	11.96	434,625	6.67	374,036	9.92
	Upper Limit ==>	429,230	12.13	869,251	6.84	748,072	10.09
	Lower Limit ==>	107,307	11.79	217,313	6.50	187,018	9.75
Associated Analyses							
Lab Control Sample	RQ2513133-03	196838	11.951	439513	6.671	361693	9.921
Method Blank	RQ2513133-04	186111	11.950	407497	6.671	360050	9.920
MW-16-091725	R2511791-002	161476	11.951	363212	6.671	313989	9.920

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QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/23/25 11:53

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\MSVOA16\Data\092325\H1292.D **Lab Code:**RQ2513133-02
Instrument ID: R-MS-16 **Analysis Lot:**894281
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	261,140	5.62
	Upper Limit ==>	522,280	5.79
	Lower Limit ==>	130,570	5.45
Associated Analyses			
Lab Control Sample	RQ2513133-03	263789	5.616
Method Blank	RQ2513133-04	245434	5.622
MW-16-091725	R2511791-002	215032	5.623

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene 85 - 122	Dibromofluoromethane 80 - 116	Toluene-d8 87 - 121
MW-10-091725	R2511791-003	106	102	102
FB-091725	R2511791-005	100	103	102
TB-091725	R2511791-006	107	106	103
Lab Control Sample	RQ2512977-03	103	100	98
Method Blank	RQ2512977-05	108	101	101

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 12:37
Sample Matrix:	Water	**Date Extracted:**	

Method Blank Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-05	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1204.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2512977-03	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	09/20/25 11:16
TB-091725	R2511791-006	I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	09/20/25 14:31
MW-10-091725	R2511791-003	I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	09/20/25 15:17
FB-091725	R2511791-005	I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	09/20/25 16:02

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2512977-05	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 12:37	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 12:37	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 12:37	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 12:37	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 12:37	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 12:37	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 12:37	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 12:37	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	108	85 - 122	09/20/25 12:37	
Dibromofluoromethane	101	80 - 116	09/20/25 12:37	
Toluene-d8	101	87 - 121	09/20/25 12:37	

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 11:16
Sample Matrix:	Water	**Date Extracted:**	

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-16
Lab Code:	RQ2512977-03	**File ID:**	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D
Analysis Method:	8260D	**Analysis Lot:**	893977
Prep Method:	EPA 5030C		

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2512977-05	I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	09/20/25 12:37
TB-091725	R2511791-006	I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	09/20/25 14:31
MW-10-091725	R2511791-003	I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	09/20/25 15:17
FB-091725	R2511791-005	I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	09/20/25 16:02

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511791
Date Analyzed: 09/20/25

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS

Units:ug/L
Basis:NA

Lab Control Sample
RQ2512977-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
1,1,1-Trichloroethane (TCA)	8260D	22.1	20.0	111	75-125
1,1-Dichloroethane (1,1-DCA)	8260D	23.1	20.0	116	80-124
1,1-Dichloroethene (1,1-DCE)	8260D	22.6	20.0	113	71-118
Tetrachloroethene (PCE)	8260D	21.5	20.0	108	72-125
Trichloroethene (TCE)	8260D	20.5	20.0	102	74-122
Vinyl Chloride	8260D	24.9	20.0	124	74-159
cis-1,2-Dichloroethene	8260D	22.9	20.0	114	80-121
trans-1,2-Dichloroethene	8260D	21.7	20.0	108	73-118

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Tune Summary
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Analytical Method:** 8260D
Instrument ID: R-MS-16 **Analysis Lot:** 893977

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2512977-01	I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	09/20/25 10:06	
Lab Control Sample	RQ2512977-03	I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	09/20/25 11:16	
Method Blank	RQ2512977-05	I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	09/20/25 12:37	
TB-091725	R2511791-006	I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	09/20/25 14:31	
MW-10-091725	R2511791-003	I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	09/20/25 15:17	
FB-091725	R2511791-005	I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	09/20/25 16:02	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		1,4-Dichlorobenzene-d4		1,4-Difluorobenzene		Chlorobenzene-d5	
		Area	**RT**	**Area**	**RT**	**Area**	**RT**
	Result ==>	223,511	11.95	416,924	6.67	369,002	9.92
	Upper Limit ==>	447,023	12.12	833,849	6.84	738,005	10.09
	Lower Limit ==>	111,756	11.78	208,462	6.50	184,501	9.75
Associated Analyses							
Lab Control Sample	RQ2512977-03	202690	11.957	422611	6.671	359059	9.920
Method Blank	RQ2512977-05	183718	11.951	386984	6.671	349412	9.920
TB-091725	R2511791-006	173187	11.957	361402	6.671	328620	9.920
MW-10-091725	R2511791-003	173535	11.957	363501	6.671	329584	9.920
FB-091725	R2511791-005	180613	11.957	368979	6.671	340105	9.920

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/20/25 10:06

Internal Standard Area and RT SUMMARY
Volatile Organic Compounds by GC/MS

File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D **Lab Code:**RQ2512977-01
Instrument ID: R-MS-16 **Analysis Lot:**893977
Analysis Method: 8260D **Signal ID:**1

		Pentafluorobenzene	
		Area	**RT**
	Result ==>	248,913	5.62
	Upper Limit ==>	497,826	5.79
	Lower Limit ==>	124,456	5.45
Associated Analyses			
Lab Control Sample	RQ2512977-03	255736	5.623
Method Blank	RQ2512977-05	227846	5.623
TB-091725	R2511791-006	214557	5.623
MW-10-091725	R2511791-003	213668	5.622
FB-091725	R2511791-005	218637	5.622

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

SURROGATE RECOVERY SUMMARY
1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Extraction Method: EPA 3535A

		1,4-Dioxane-d8
Sample Name	**Lab Code**	**64 - 124**
MW-17-091725	R2511791-001	80
MW-16-091725	R2511791-002	84
MW-10-091725	R2511791-003	81
MW-8-091725	R2511791-004	79
FB-091725	R2511791-005	79
DUP-091725	R2511791-007	79
Method Blank	RQ2513196-01	82
Lab Control Sample	RQ2513196-02	80
Duplicate Lab Control Sample	RQ2513196-03	88

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/24/25 18:21
Sample Matrix:	Water	**Date Extracted:**	09/24/25

Method Blank Summary
1,4-Dioxane by GC/MS

Sample Name:	Method Blank	**Instrument ID:**	R-MS-56
Lab Code:	RQ2513196-01	**File ID:**	I:\ACQUDATA\5975E\data\092425\BM93637.D
Analysis Method:	8270E SIM	**Analysis Lot:**	894751
Prep Method:	EPA 3535A	**Extraction Lot:**	464765

This Method Blank applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Lab Control Sample	RQ2513196-02	I:\ACQUDATA\5975E\data\092425\BM93638.D	09/24/25 18:38
Duplicate Lab Control Sample	RQ2513196-03	I:\ACQUDATA\5975E\data\092425\BM93639.D	09/24/25 18:55
MW-17-091725	R2511791-001	I:\ACQUDATA\5975E\data\092425\BM93641.D	09/24/25 19:29
MW-16-091725	R2511791-002	I:\ACQUDATA\5975E\data\092425\BM93642.D	09/24/25 19:45
MW-10-091725	R2511791-003	I:\ACQUDATA\5975E\data\092425\BM93643.D	09/24/25 20:02
MW-8-091725	R2511791-004	I:\ACQUDATA\5975E\data\092425\BM93644.D	09/24/25 20:19
FB-091725	R2511791-005	I:\ACQUDATA\5975E\data\092425\BM93645.D	09/24/25 20:36
DUP-091725	R2511791-007	I:\ACQUDATA\5975E\data\092425\BM93646.D	09/24/25 20:52

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/L
Lab Code:	RQ2513196-01	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	09/24/25 18:21	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	82	64 - 124	09/24/25 18:21	

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QA/QC Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/24/25 18:38
Sample Matrix:	Water	**Date Extracted:**	09/24/25

Lab Control Sample Summary
1,4-Dioxane by GC/MS

Sample Name:	Lab Control Sample	**Instrument ID:**	R-MS-56
Lab Code:	RQ2513196-02	**File ID:**	I:\ACQUDATA\5975E\data\092425\BM93638.D
Analysis Method:	8270E SIM	**Analysis Lot:**	894751
Prep Method:	EPA 3535A	**Extraction Lot:**	464765

This Lab Control Sample applies to the following analyses.

Sample Name	Lab Code	File ID	Date Analyzed
Method Blank	RQ2513196-01	I:\ACQUDATA\5975E\data\092425\BM93637.D	09/24/25 18:21
Duplicate Lab Control Sample	RQ2513196-03	I:\ACQUDATA\5975E\data\092425\BM93639.D	09/24/25 18:55
MW-17-091725	R2511791-001	I:\ACQUDATA\5975E\data\092425\BM93641.D	09/24/25 19:29
MW-16-091725	R2511791-002	I:\ACQUDATA\5975E\data\092425\BM93642.D	09/24/25 19:45
MW-10-091725	R2511791-003	I:\ACQUDATA\5975E\data\092425\BM93643.D	09/24/25 20:02
MW-8-091725	R2511791-004	I:\ACQUDATA\5975E\data\092425\BM93644.D	09/24/25 20:19
FB-091725	R2511791-005	I:\ACQUDATA\5975E\data\092425\BM93645.D	09/24/25 20:36
DUP-091725	R2511791-007	I:\ACQUDATA\5975E\data\092425\BM93646.D	09/24/25 20:52

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QA/QC Report

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

Service Request: R2511791
Date Analyzed: 09/24/25

Duplicate Lab Control Sample Summary
1,4-Dioxane by GC/MS

Units:ug/L
Basis:NA

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2513196-02			RQ2513196-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1,4-Dioxane	8270E SIM	7.78	10.0	78	8.71	10.0	87	58-124	11	30

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/24/25 18:03

Tune Summary
1,4-Dioxane by GC/MS

File ID: I:\ACQUDATA\5975E\data\092425\BM93636.D **Analytical Method:** 8270E SIM
Instrument ID: R-MS-56 **Analysis Lot:** 894751

Sample Name	Lab Code	File ID:	Date Analyzed:	Q
Continuing Calibration Verification	RQ2513368-01	I:\ACQUDATA\5975E\data\092425\BM93636.D	09/24/25 18:03	
Method Blank	RQ2513196-01	I:\ACQUDATA\5975E\data\092425\BM93637.D	09/24/25 18:21	
Lab Control Sample	RQ2513196-02	I:\ACQUDATA\5975E\data\092425\BM93638.D	09/24/25 18:38	
Duplicate Lab Control Sample	RQ2513196-03	I:\ACQUDATA\5975E\data\092425\BM93639.D	09/24/25 18:55	
MW-17-091725	R2511791-001	I:\ACQUDATA\5975E\data\092425\BM93641.D	09/24/25 19:29	
MW-16-091725	R2511791-002	I:\ACQUDATA\5975E\data\092425\BM93642.D	09/24/25 19:45	
MW-10-091725	R2511791-003	I:\ACQUDATA\5975E\data\092425\BM93643.D	09/24/25 20:02	
MW-8-091725	R2511791-004	I:\ACQUDATA\5975E\data\092425\BM93644.D	09/24/25 20:19	
FB-091725	R2511791-005	I:\ACQUDATA\5975E\data\092425\BM93645.D	09/24/25 20:36	
DUP-091725	R2511791-007	I:\ACQUDATA\5975E\data\092425\BM93646.D	09/24/25 20:52	

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QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003 **Date Analyzed:**09/24/25 18:03

Internal Standard Area and RT SUMMARY
1,4-Dioxane by GC/MS

File ID: I:\ACQUDATA\5975E\data\092425\BM93636.D **Lab Code:**RQ2513368-01
Instrument ID: R-MS-56 **Analysis Lot:**894751
Analysis Method: 8270E SIM **Signal ID:**1

		Tetrahydrofuran-d8	
		Area	**RT**
	Result ==>	256,944	3.09
	Upper Limit ==>	513,889	3.26
	Lower Limit ==>	128,472	2.92
Associated Analyses			
Method Blank	RQ2513196-01	281065.817	3.114
Lab Control Sample	RQ2513196-02	267276.590	3.074
Duplicate Lab Control Sample	RQ2513196-03	265321.368	3.104
MW-17-091725	R2511791-001	282832	3.108
MW-16-091725	R2511791-002	253622	3.098
MW-10-091725	R2511791-003	274542	3.081
MW-8-091725	R2511791-004	272393	3.081
FB-091725	R2511791-005	276410	3.111
DUP-091725	R2511791-007	288448	3.121

Raw Data

ALS Environmental—Rochester Laboratory
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Volatile Organic Compounds by GC/MS

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Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-17-091725	**Units:**	ug/L
Lab Code:	R2511791-001	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**1.2**	1.0	0.20	1	09/20/25 14:54	
1,1-Dichloroethane (1,1-DCA)	**14**	1.0	0.20	1	09/20/25 14:54	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 14:54	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 14:54	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 14:54	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 14:54	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 14:54	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 14:54	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/20/25 14:54	
Dibromofluoromethane	109	80 - 116	09/20/25 14:54	
Toluene-d8	99	87 - 121	09/20/25 14:54	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 09:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-16-091725	**Units:**	ug/L
Lab Code:	R2511791-002	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**4.9**	1.0	0.20	1	09/23/25 21:29	
1,1-Dichloroethane (1,1-DCA)	**34**	1.0	0.20	1	09/23/25 21:29	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/23/25 21:29	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/23/25 21:29	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/23/25 21:29	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/23/25 21:29	
cis-1,2-Dichloroethene	**0.51 J**	1.0	0.23	1	09/23/25 21:29	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/23/25 21:29	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	09/23/25 21:29	
Dibromofluoromethane	109	80 - 116	09/23/25 21:29	
Toluene-d8	96	87 - 121	09/23/25 21:29	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:30
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-8-091725	**Units:**	ug/L
Lab Code:	R2511791-004	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.9**	1.0	0.20	1	09/20/25 15:39	
1,1-Dichloroethane (1,1-DCA)	**5.7**	1.0	0.20	1	09/20/25 15:39	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 15:39	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 15:39	
Trichloroethene (TCE)	**4.6**	1.0	0.20	1	09/20/25 15:39	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 15:39	
cis-1,2-Dichloroethene	**1.8**	1.0	0.23	1	09/20/25 15:39	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 15:39	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	112	85 - 122	09/20/25 15:39	
Dibromofluoromethane	106	80 - 116	09/20/25 15:39	
Toluene-d8	100	87 - 121	09/20/25 15:39	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 08:05
Sample Name:	DUP-091725	**Units:**	ug/L
Lab Code:	R2511791-007	**Basis:**	NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**3.6**	1.0	0.20	1	09/20/25 16:25	
1,1-Dichloroethane (1,1-DCA)	**5.3**	1.0	0.20	1	09/20/25 16:25	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 16:25	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 16:25	
Trichloroethene (TCE)	**4.0**	1.0	0.20	1	09/20/25 16:25	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 16:25	
cis-1,2-Dichloroethene	**1.5**	1.0	0.23	1	09/20/25 16:25	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 16:25	

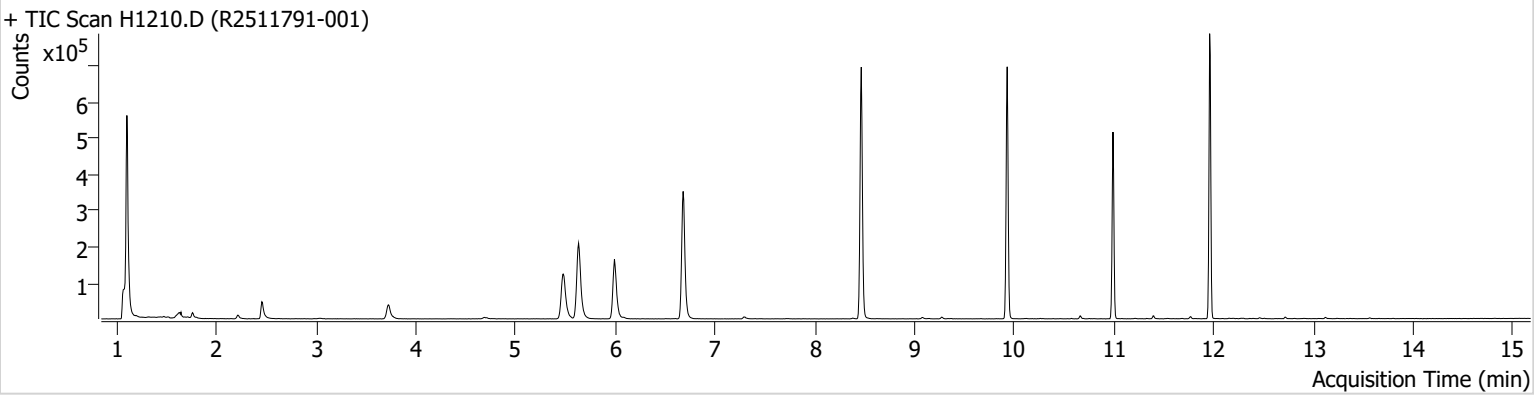
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	104	85 - 122	09/20/25 16:25	
Dibromofluoromethane	102	80 - 116	09/20/25 16:25	
Toluene-d8	99	87 - 121	09/20/25 16:25	

Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1210.D

Acq. Date-Time	9/20/2025 2:54:23 PM	**Name**	R2511791-001
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon			RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0			5.623	0.000	204507	50.0000	ug/L
1,4-Difluorobenzene	114.0			6.671	0.000	345056	50.0000	ug/L
Chlorobenzene-d5	117.0			9.920	0.000	310079	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0			11.951	0.006	158284	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	121669	54.6946	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	424752	49.4012	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	126607	49.7106	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	152318	59.3239	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000	0.312	0.000	1.756	0.001	11136	5.6904	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	4081	1.8775	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.436	0.000	2.453	0.002	66236	72.4167	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

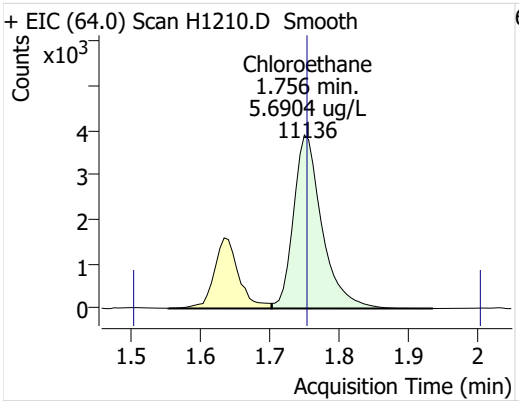
Masshunter Quantitative Analysis Sample Report

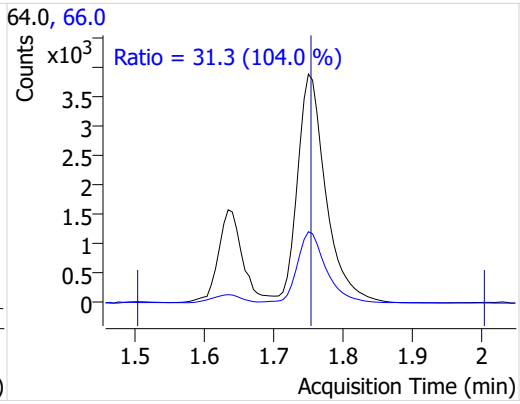
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	54280	14.4632	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000	0.834	0.002	4.687	0.012	10178	8.8431	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	3679	1.1617	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	2556	0.3095	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.001	8.377	0.007	1174	0.5349	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	1573	1.7954	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

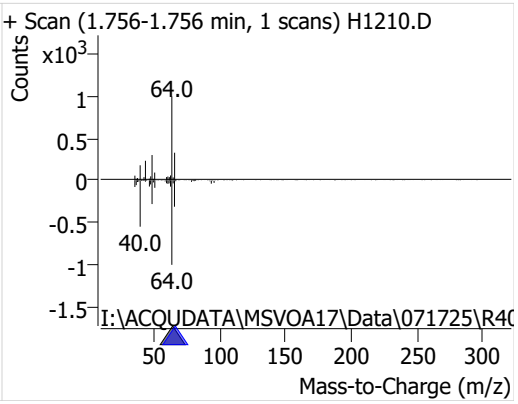
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

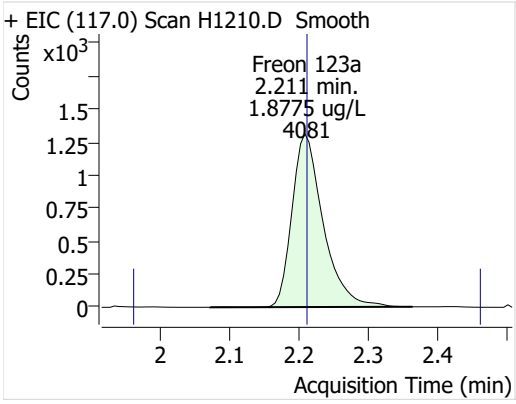
Chloroethane

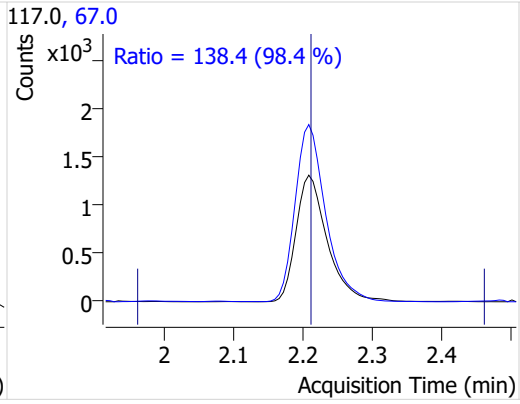


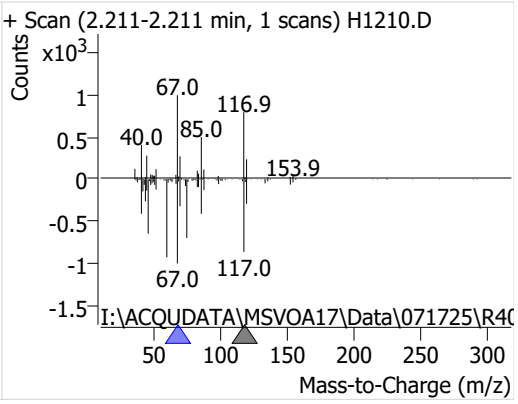




Freon 123a

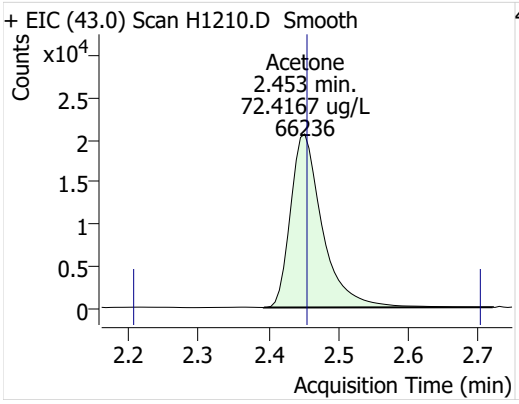


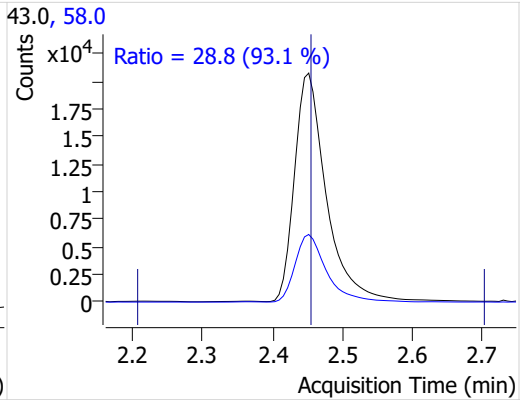


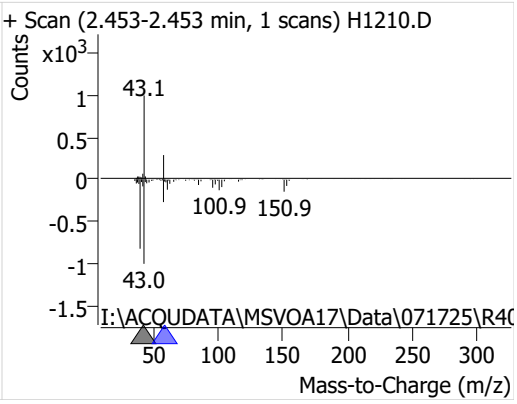


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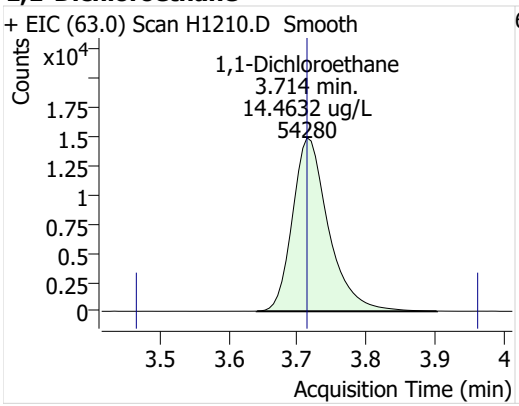
Acetone

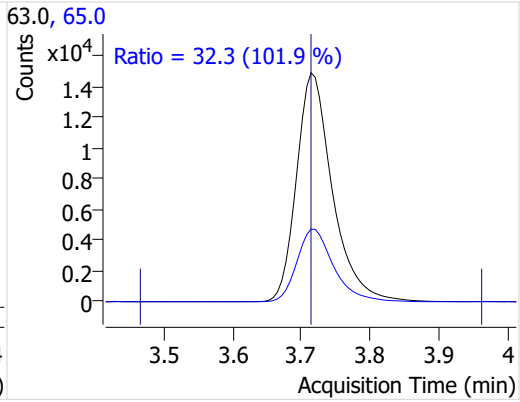


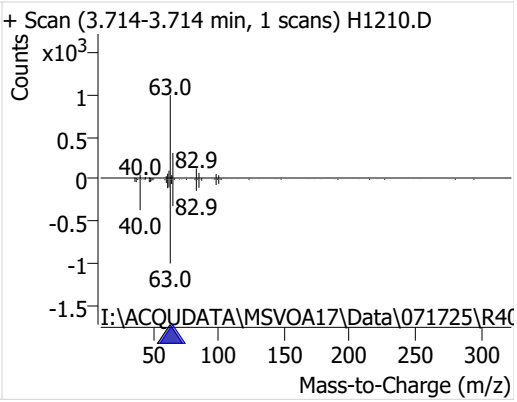




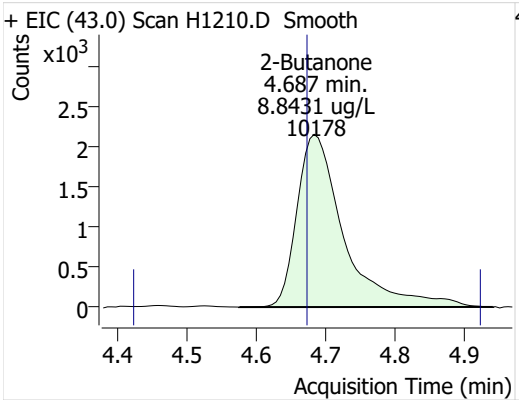
1,1-Dichloroethane

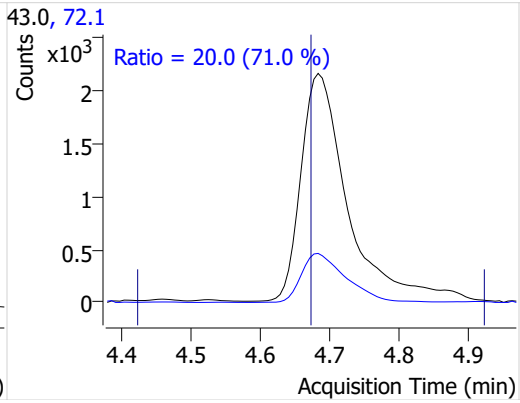


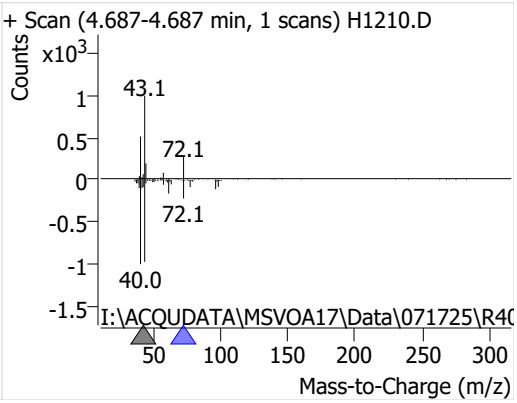




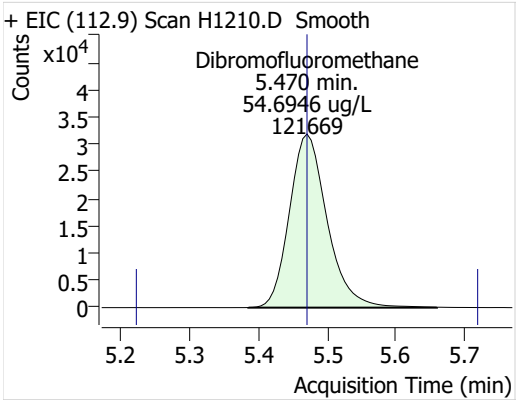
2-Butanone

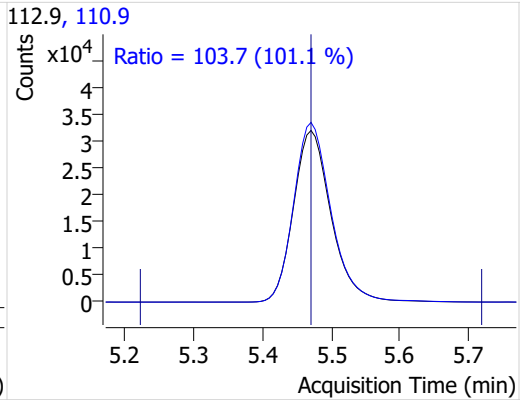


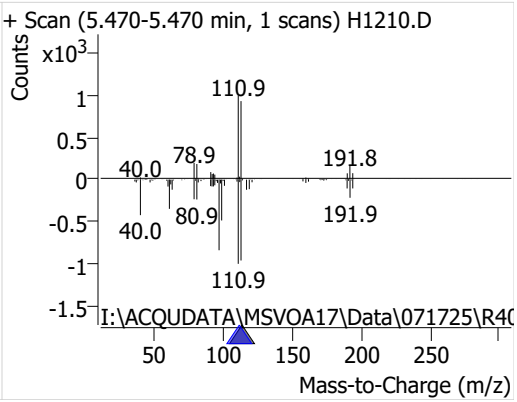




Dibromofluoromethane

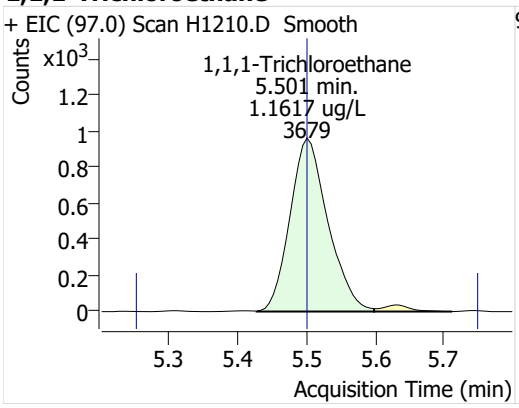


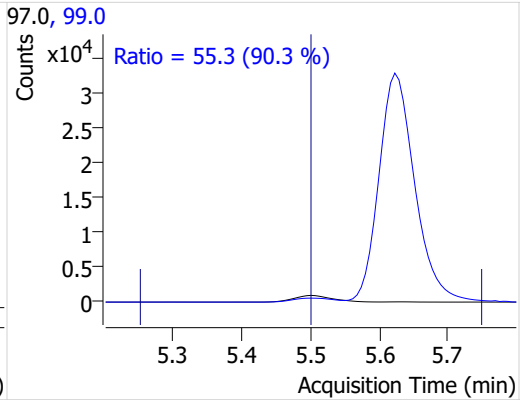


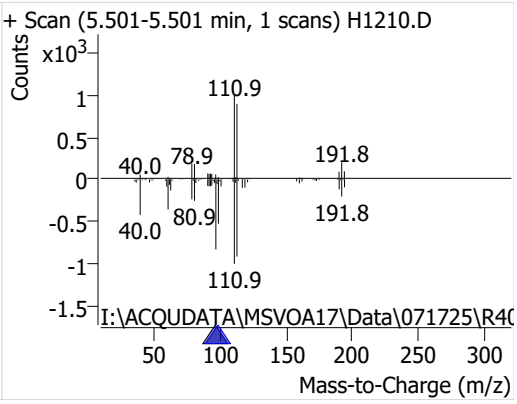


Masshunter Quantitative Analysis Sample Report

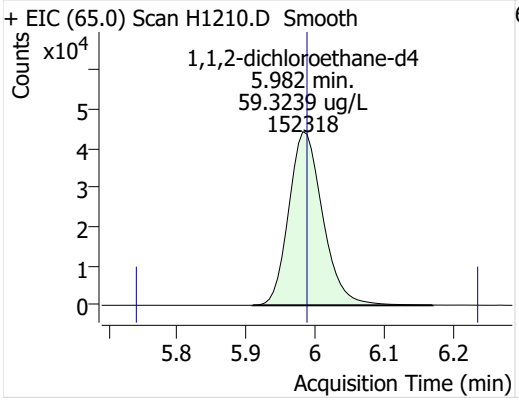
1,1,1-Trichloroethane

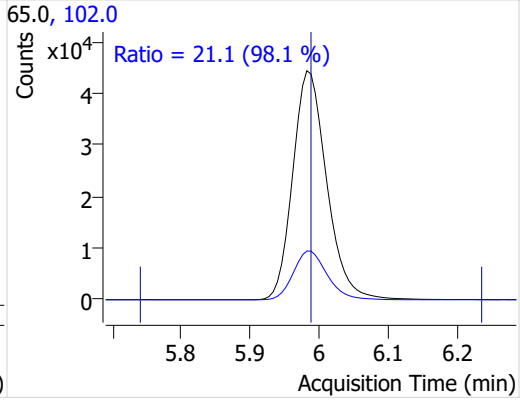


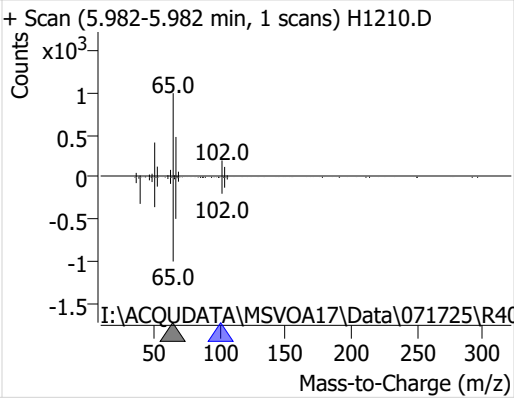




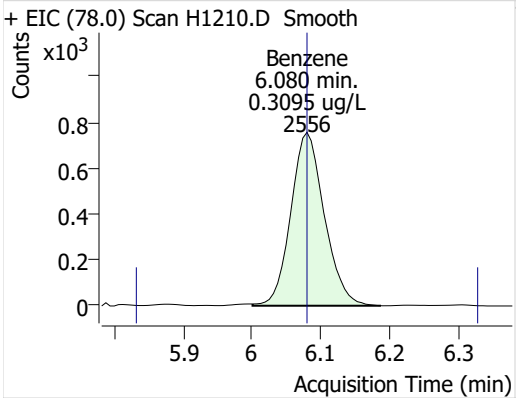
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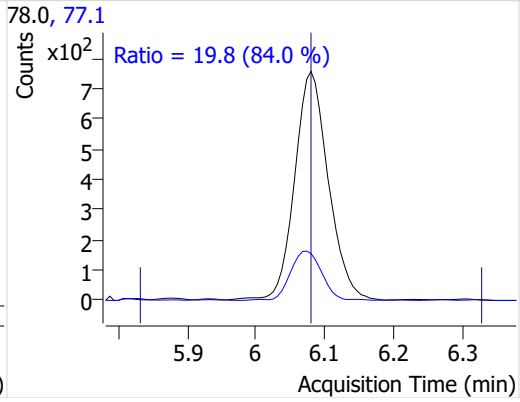


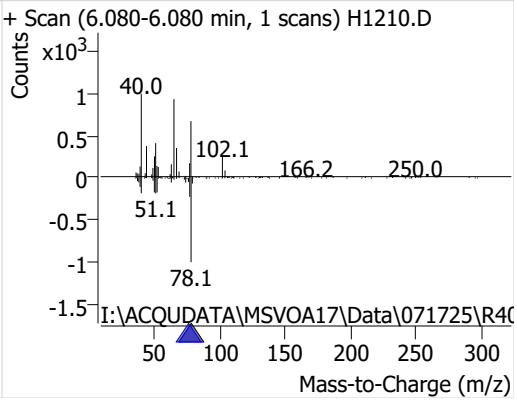




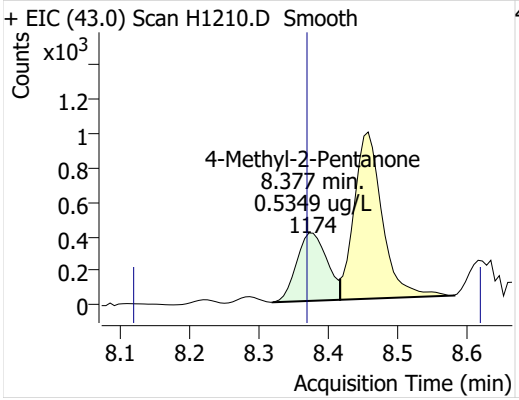
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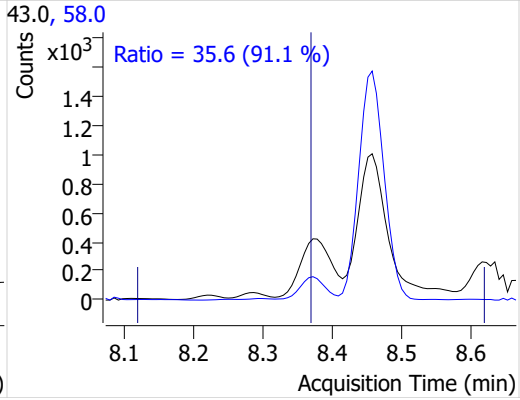


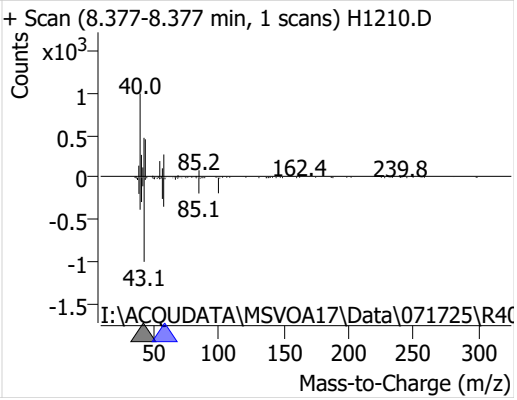




4-Methyl-2-Pentanone

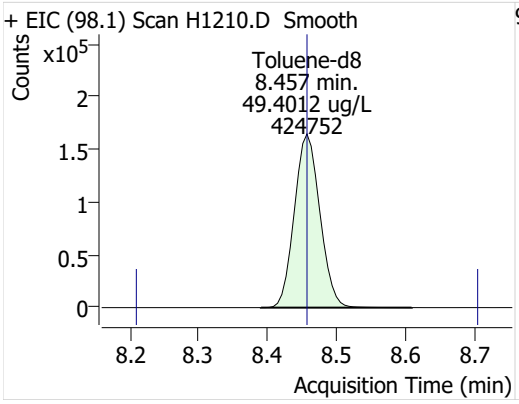


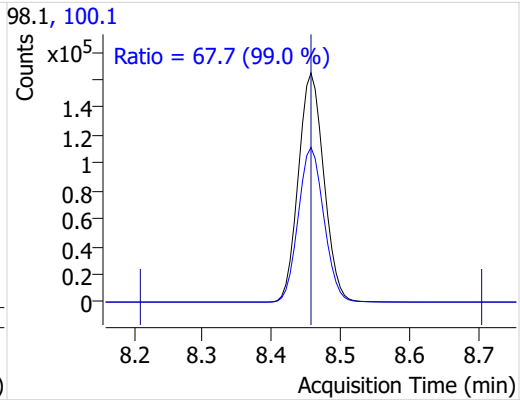


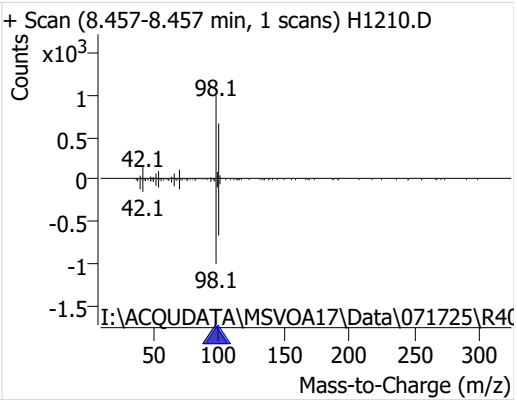


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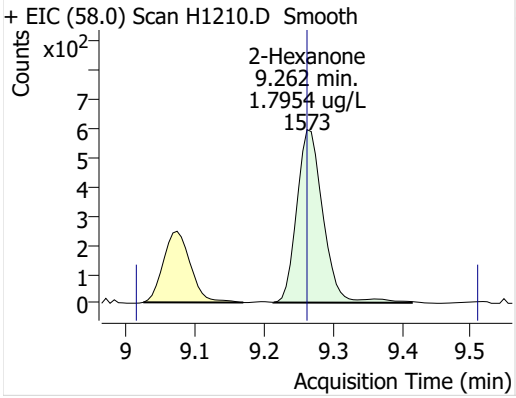
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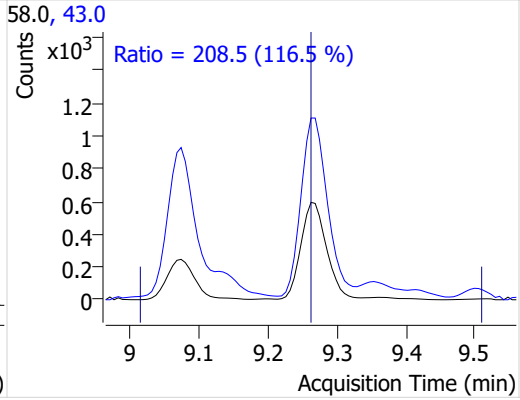


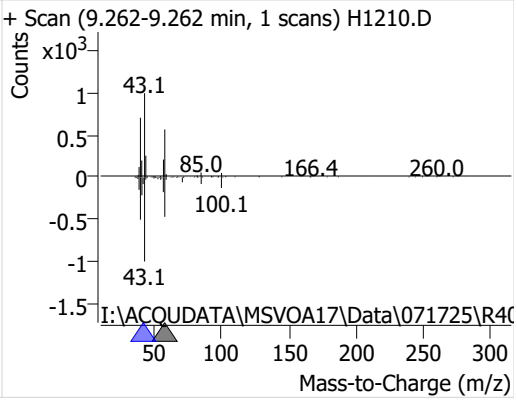




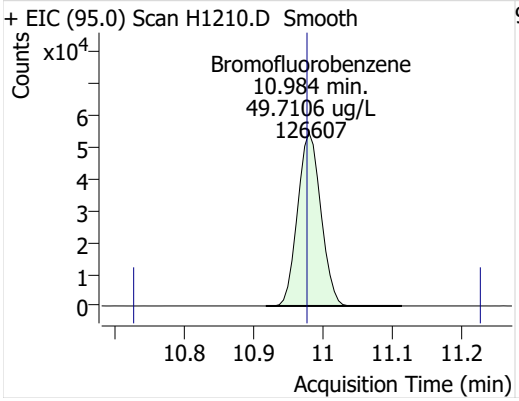
2-Hexanone

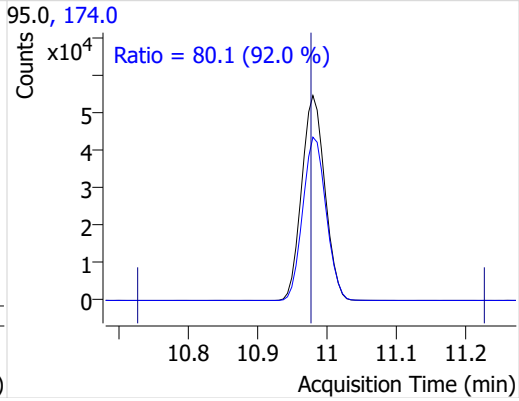


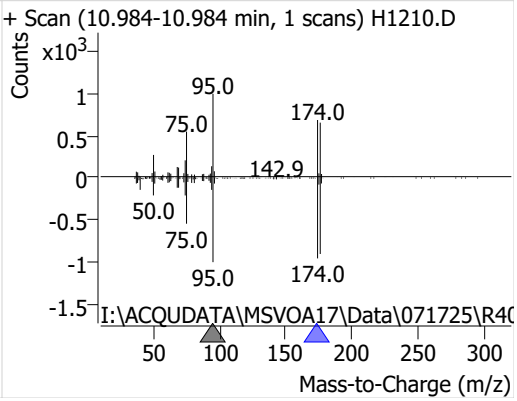




Bromofluorobenzene





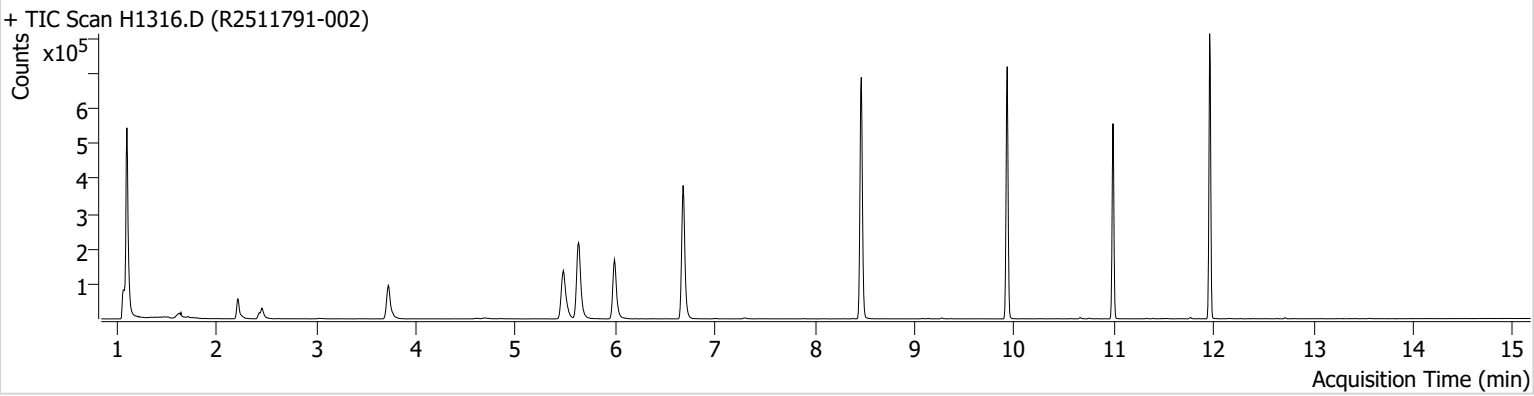


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092325\QuantResults\092325.batch.bin

H1316.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/25/2025 9:27:20 AM	**Batch State**	Processed
Report Generation Time	9/25/2025 9:27:49 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:23:25 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092325.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	215032	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	363212	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	313989	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	161476	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	127830	54.5915	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	432468	47.7843	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	138646	53.3616	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	158031	58.4723	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	24369	10.6626	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000	0.431	0.000	2.425	0.000	9094	3.7990	ug/L
Acetone	43.000	0.437	0.000	2.455	0.001	36484	37.9365	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

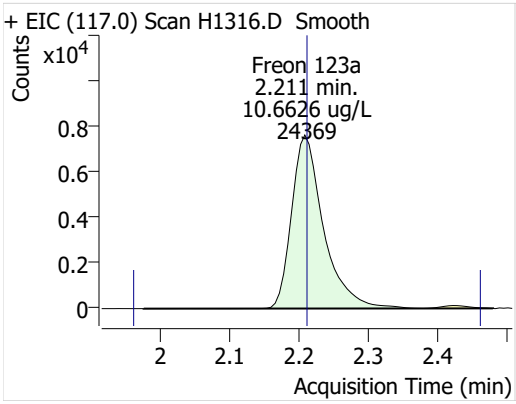
Masshunter Quantitative Analysis Sample Report

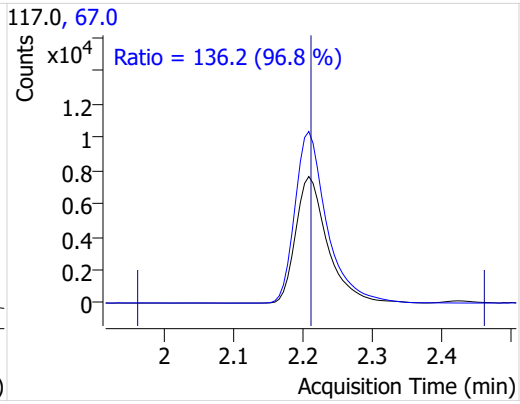
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	133587	33.8529	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.001	1245	0.5056	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000	0.834	0.003	4.688	0.015	6628	5.4767	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	16455	4.9413	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

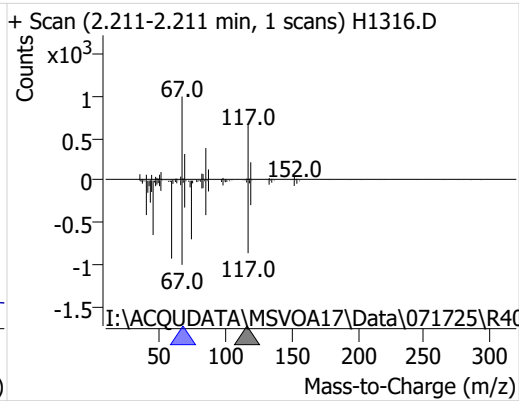
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

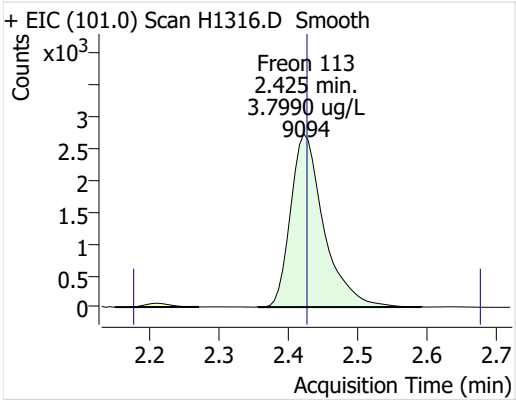
Freon 123a

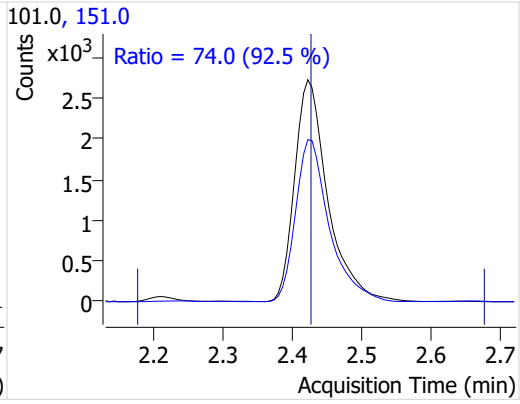


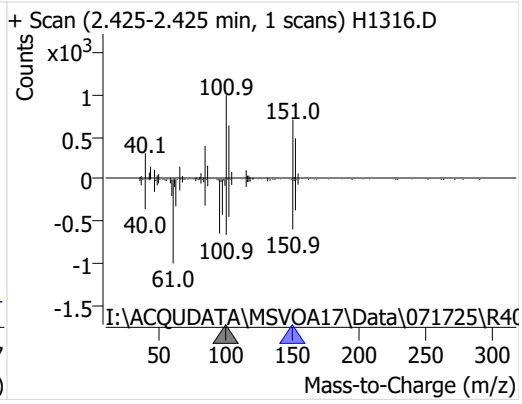




Freon 113

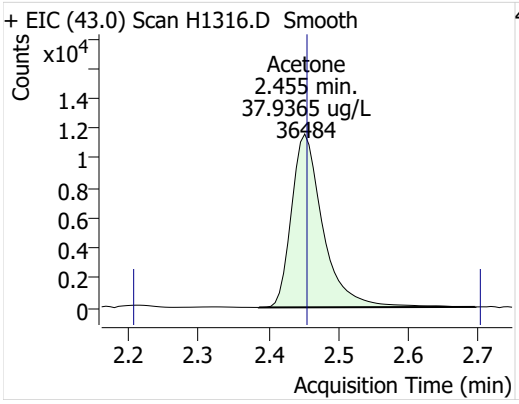


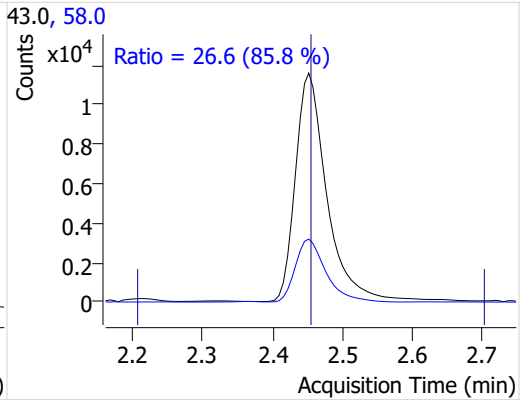


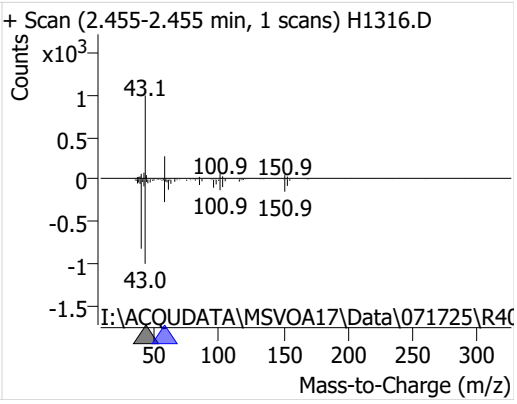


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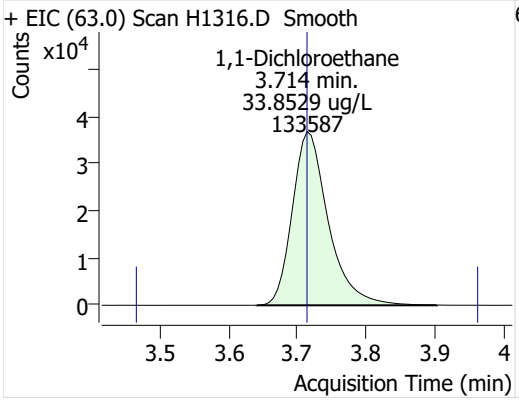
Acetone

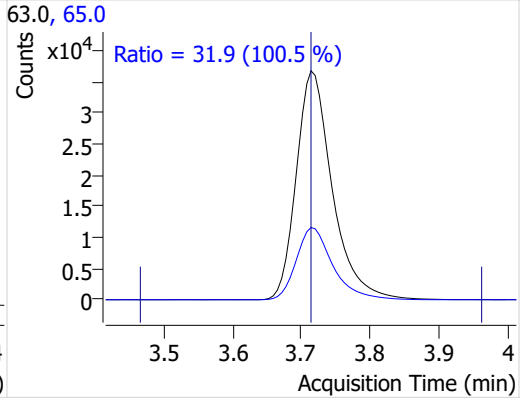


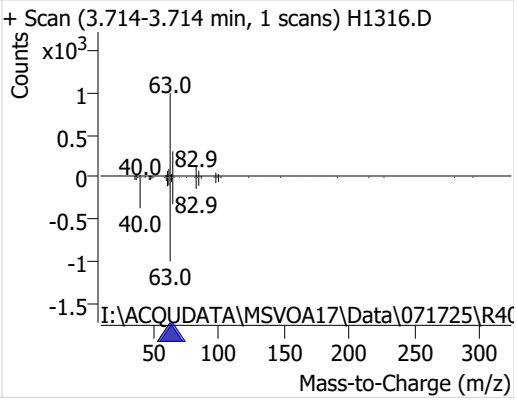




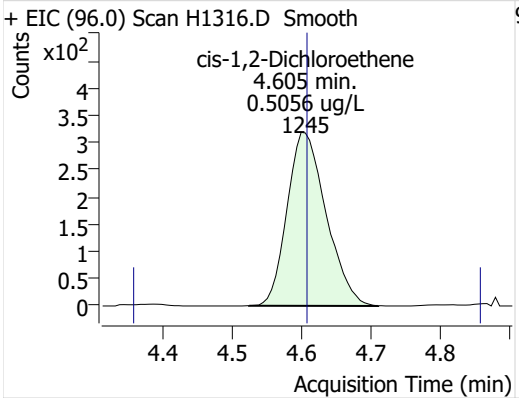
1,1-Dichloroethane

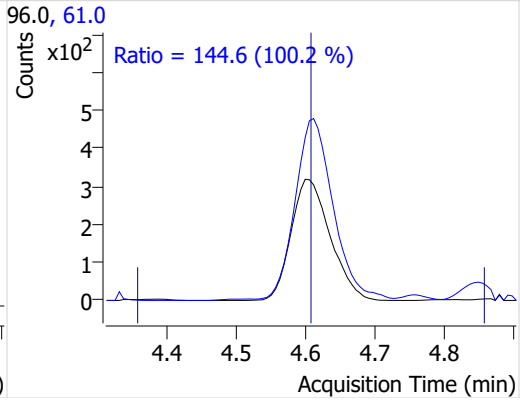


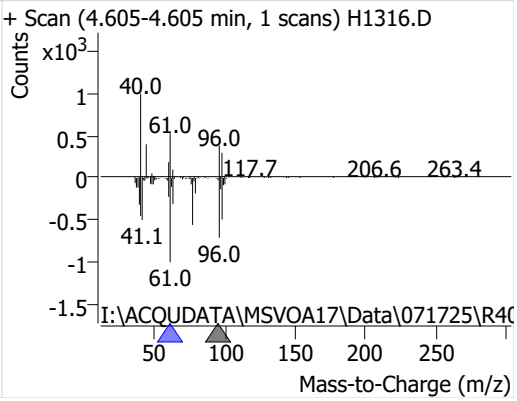




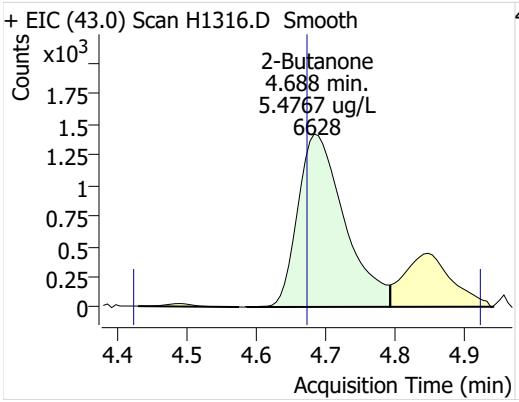
cis-1,2-Dichloroethene

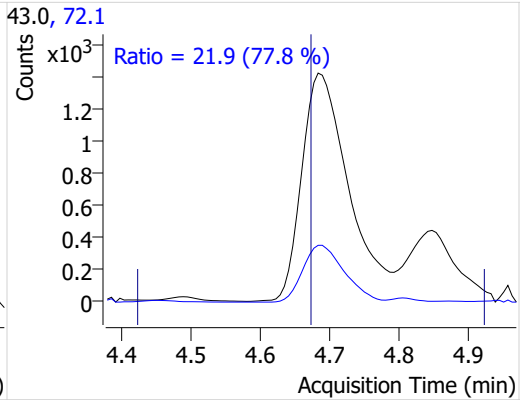


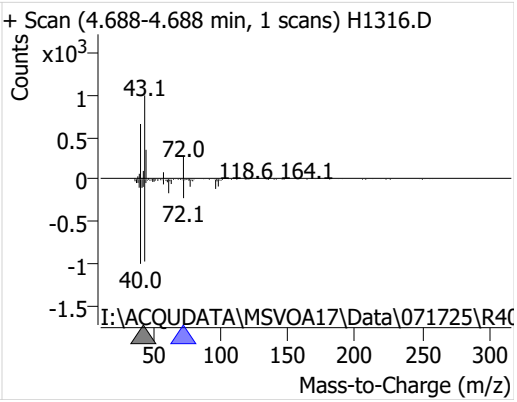




2-Butanone

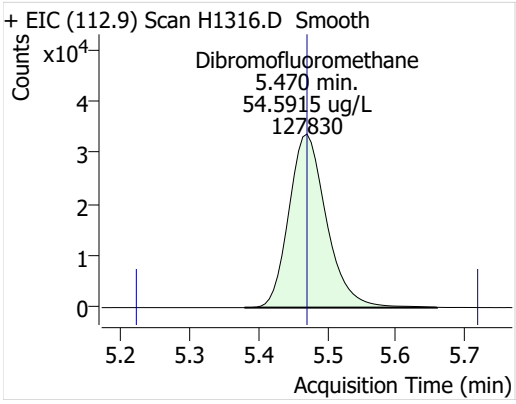


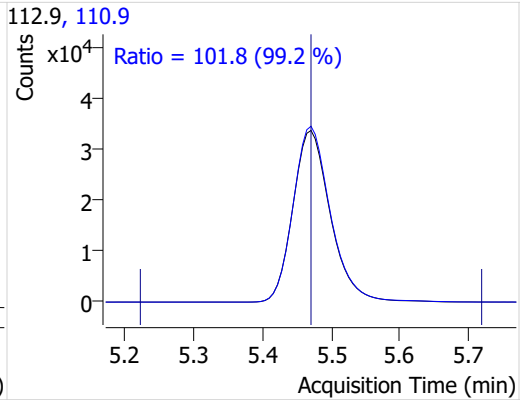


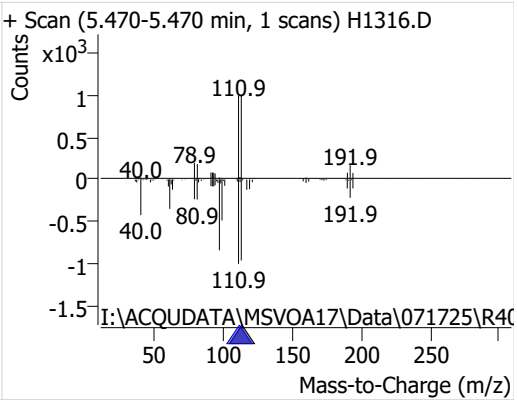


Masshunter Quantitative Analysis Sample Report

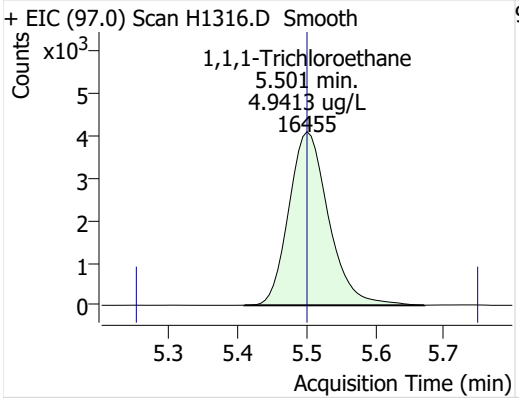
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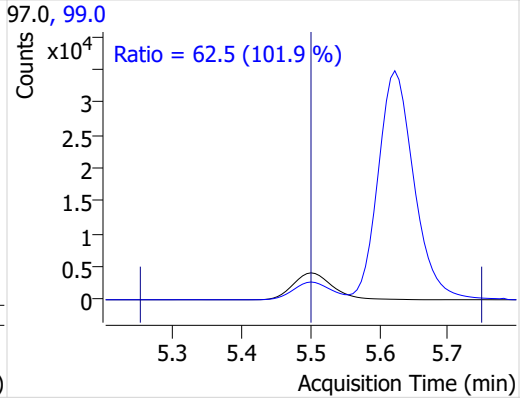


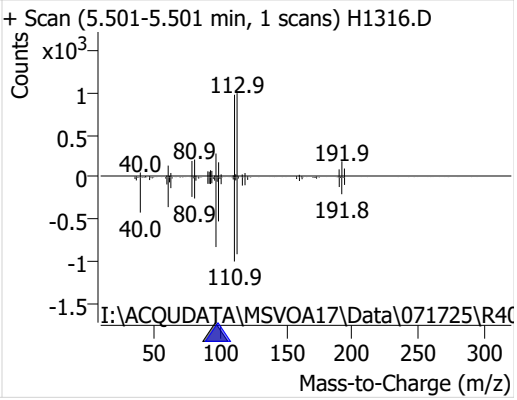




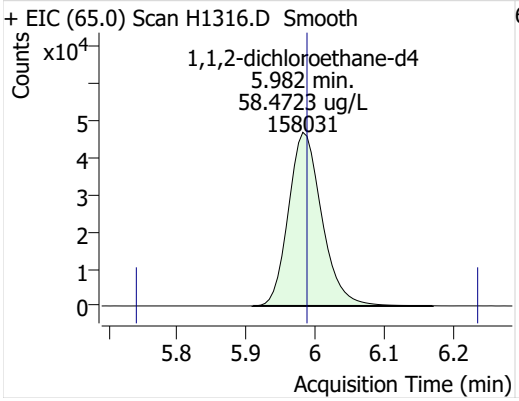
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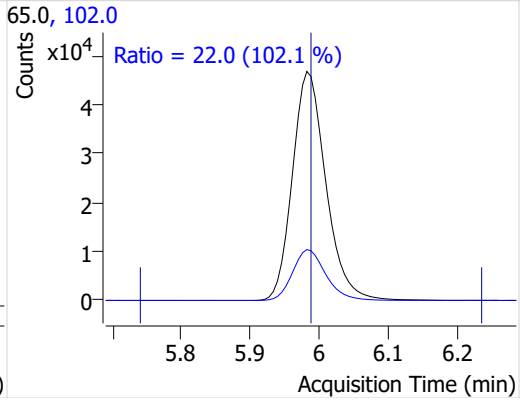


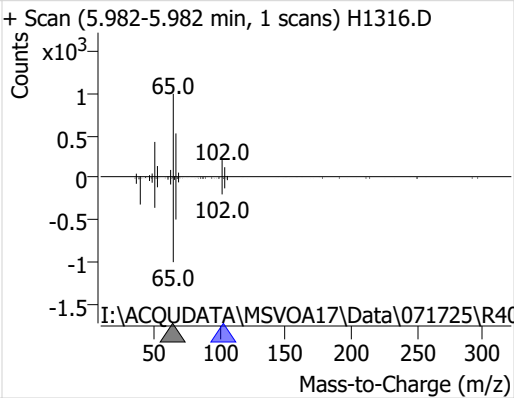




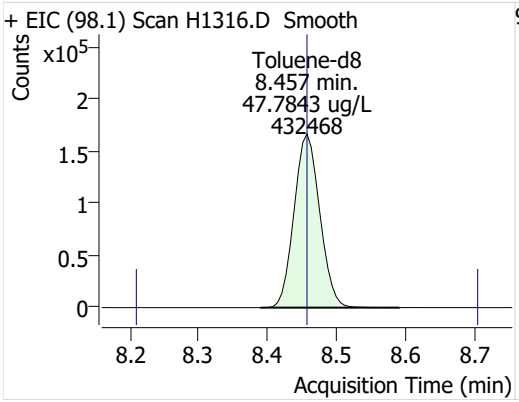
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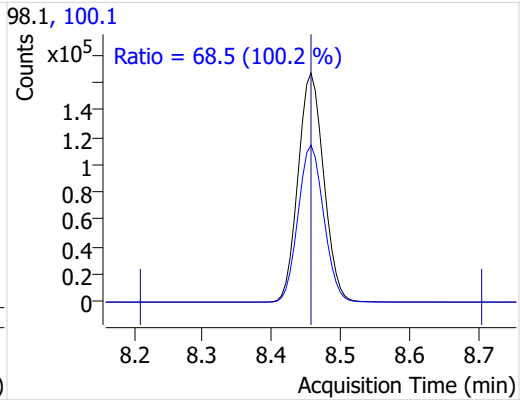


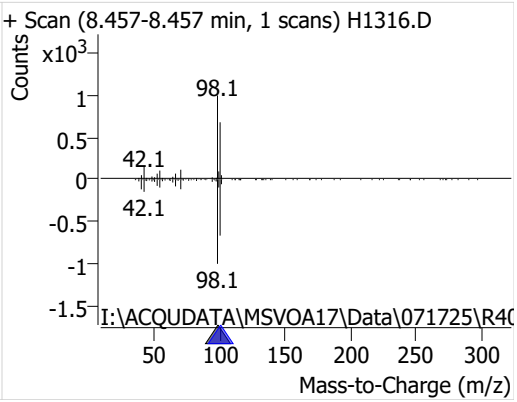




Toluene-d8

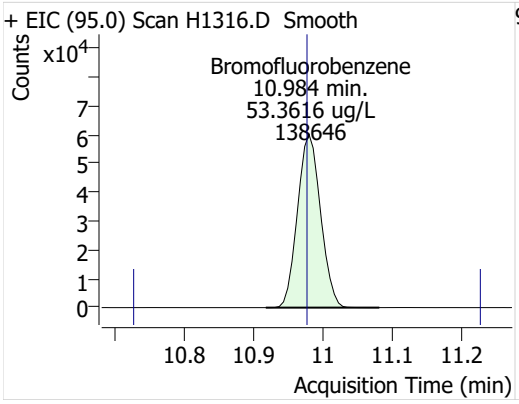


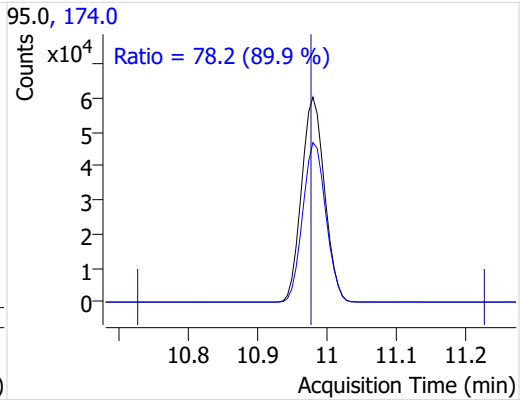


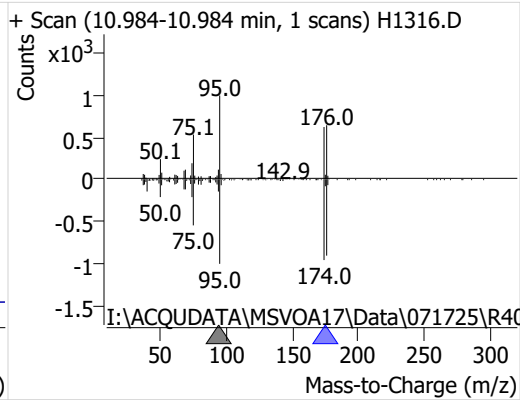


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Bromofluorobenzene





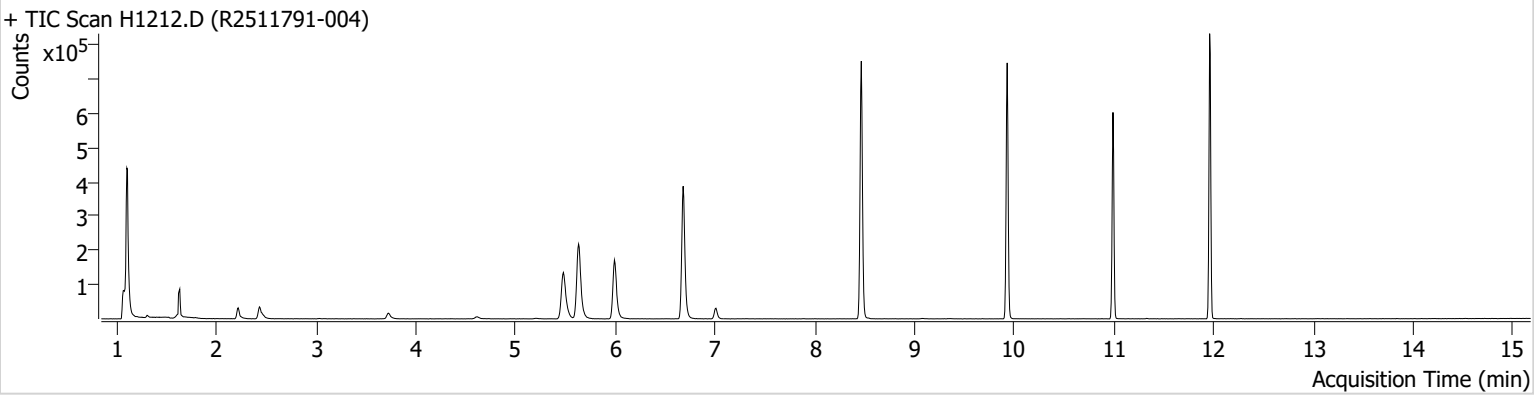


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1212.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	217189	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	367385	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	330009	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	165787	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	124947	52.7544	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	459511	50.1957	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	150014	56.2354	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	163971	59.9810	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.000	12877	5.5783	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	18365	7.5963	ug/L
Acetone	43.000	0.437	0.001	2.459	0.004	8640	8.8949	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

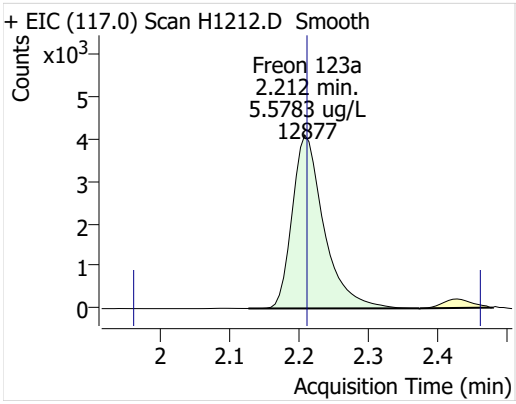
Masshunter Quantitative Analysis Sample Report

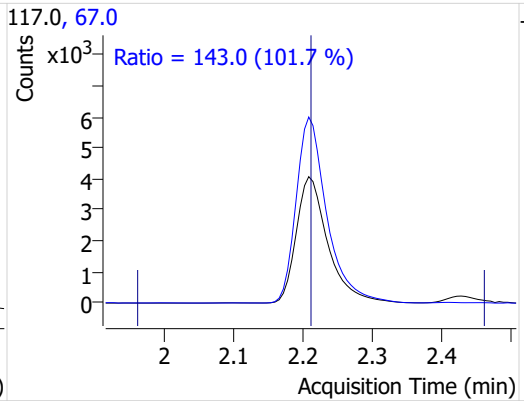
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.003	22818	5.7250	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000	0.820	0.000	4.608	0.001	4529	1.8220	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	2155	0.5257	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	13022	3.8715	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	12473	4.6152	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

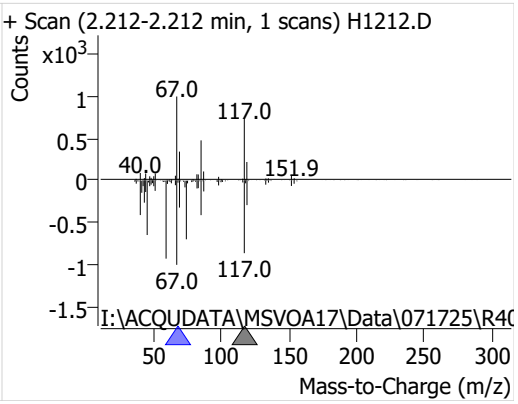
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

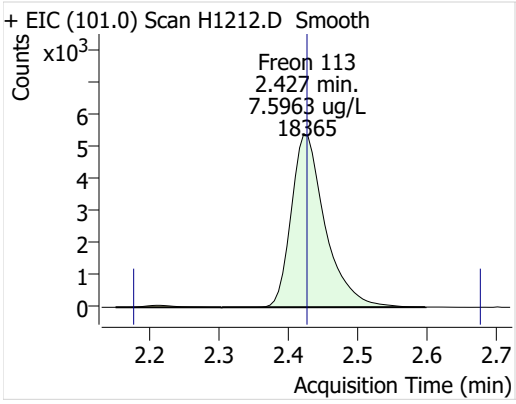
Freon 123a

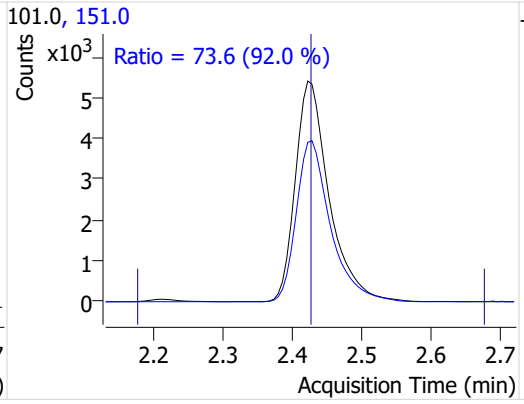


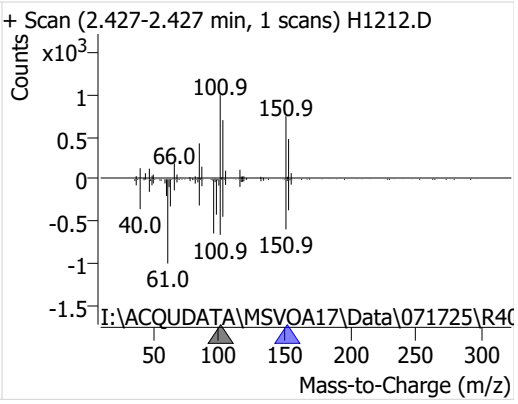




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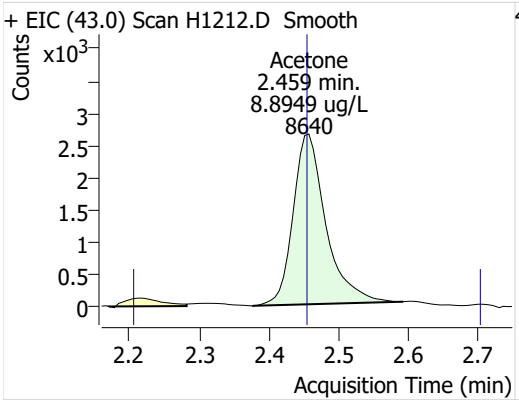


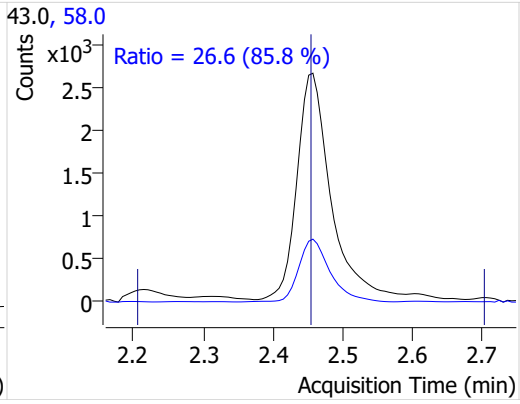


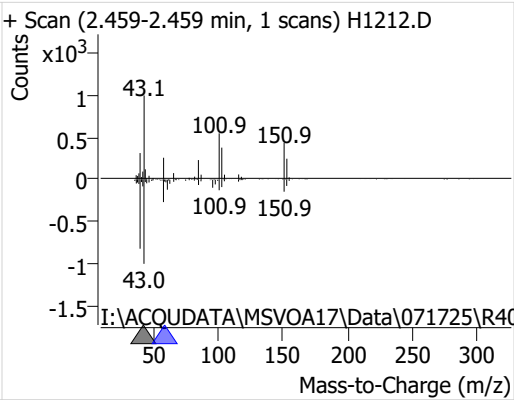


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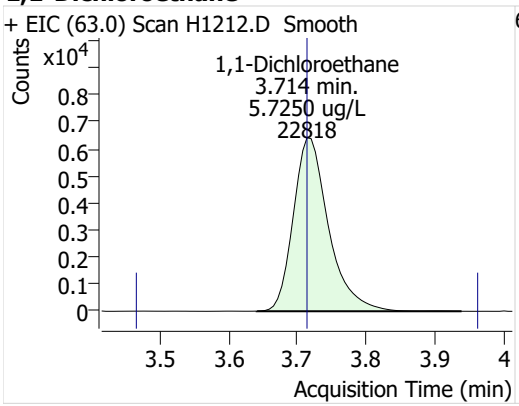
Acetone

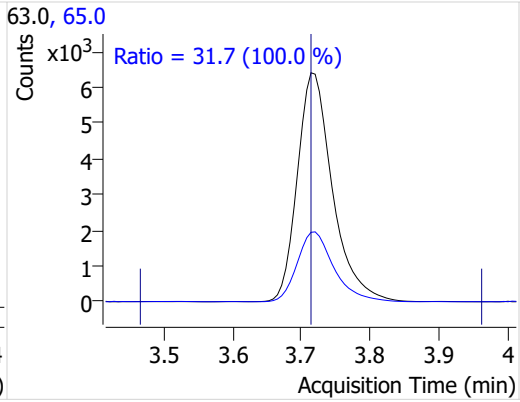


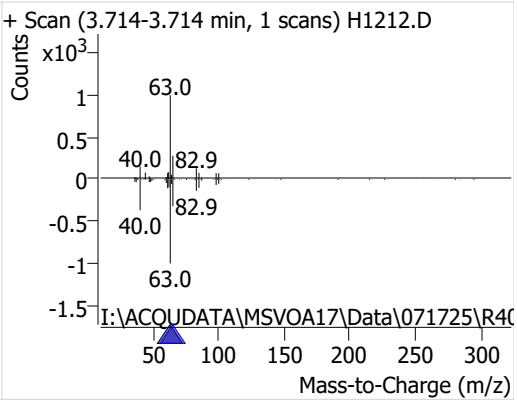




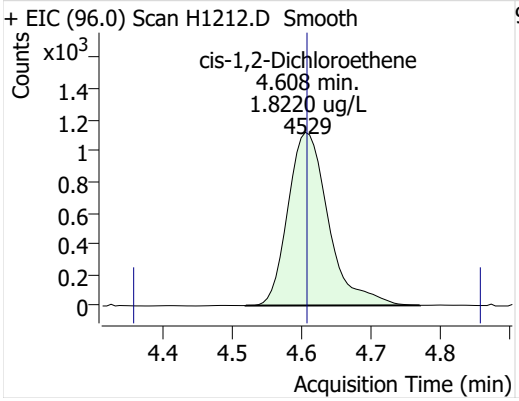
1,1-Dichloroethane

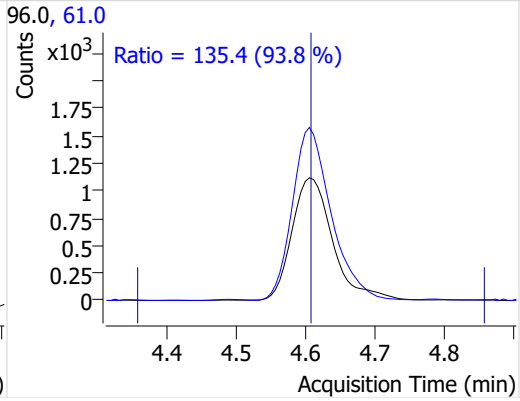


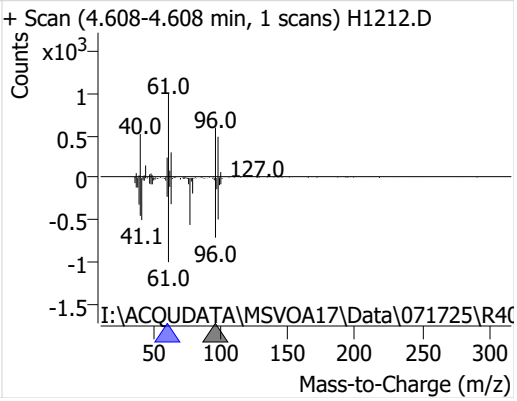




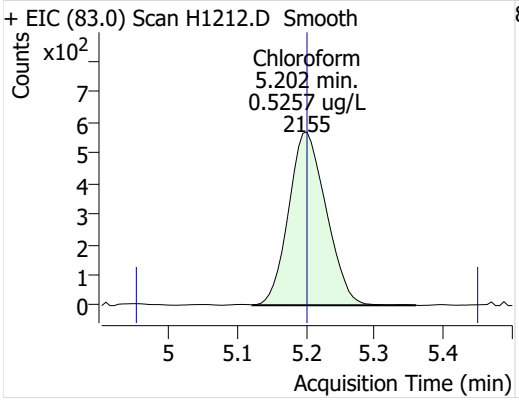
cis-1,2-Dichloroethene

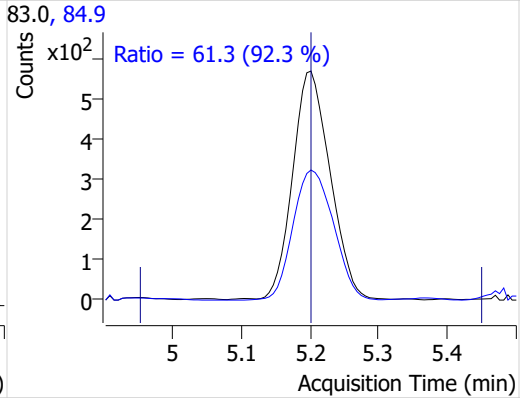


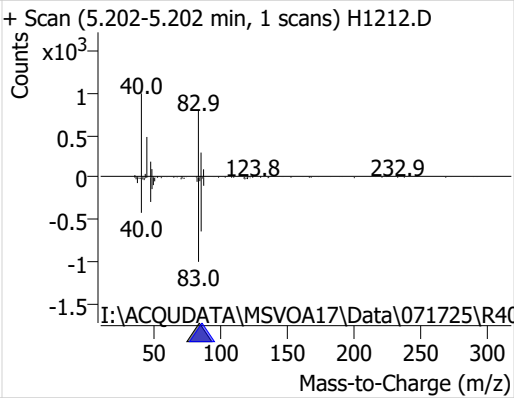




Chloroform

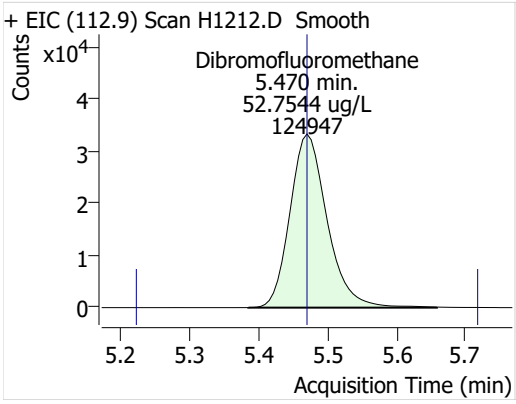


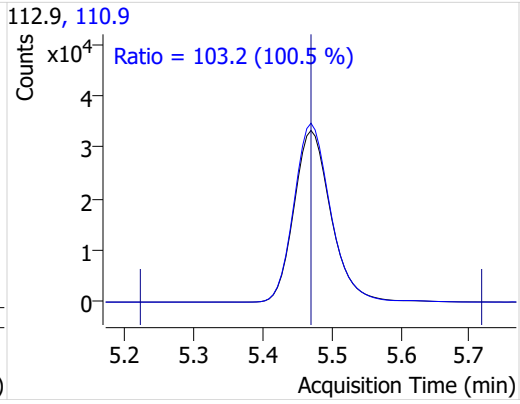


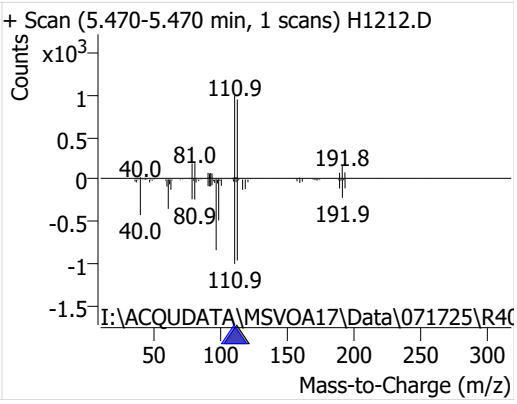


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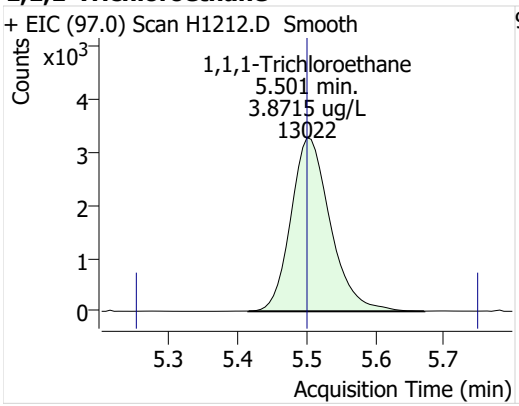
Dibromofluoromethane

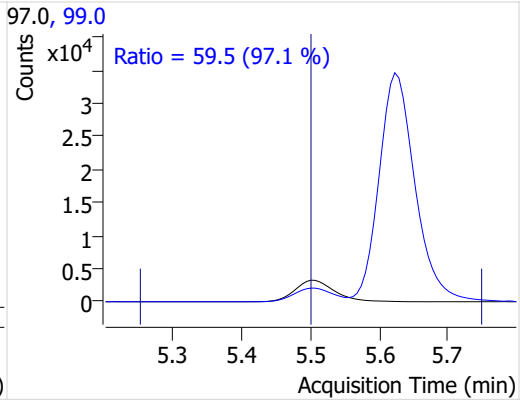


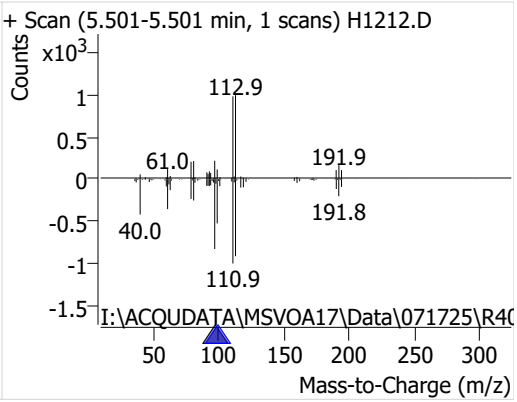




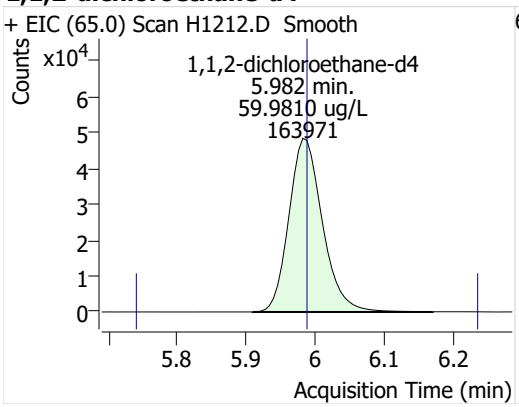
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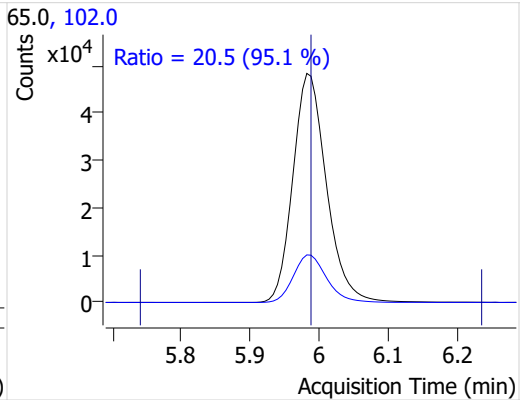


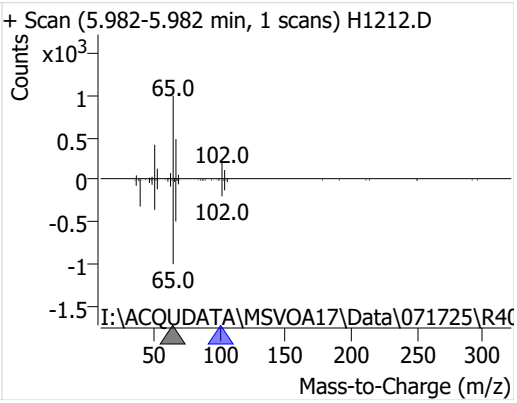




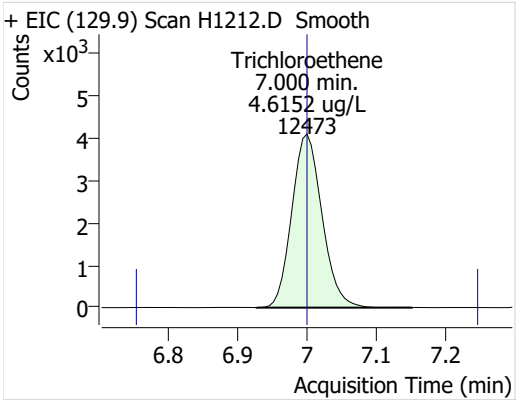
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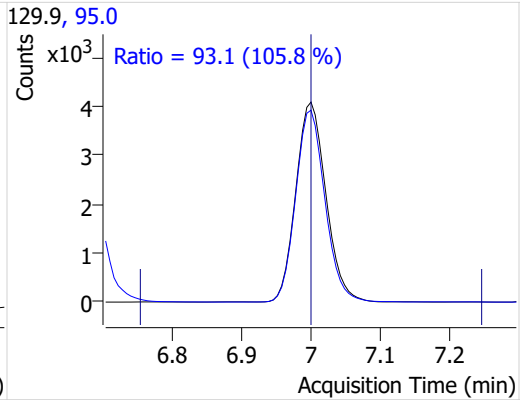


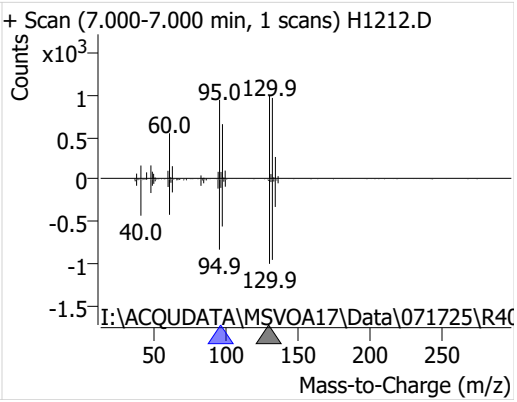




Trichloroethene

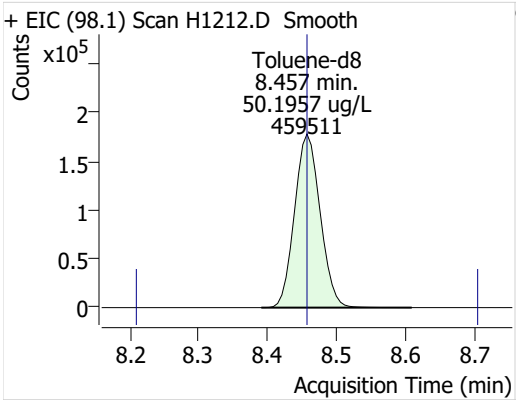


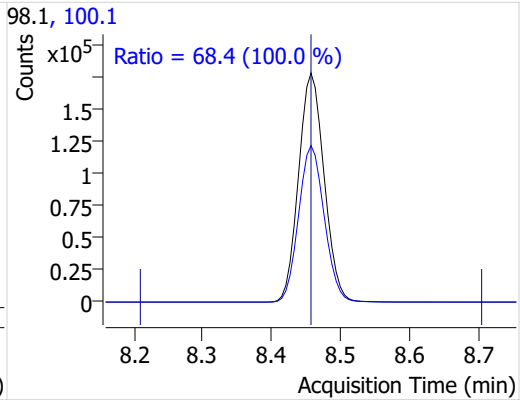


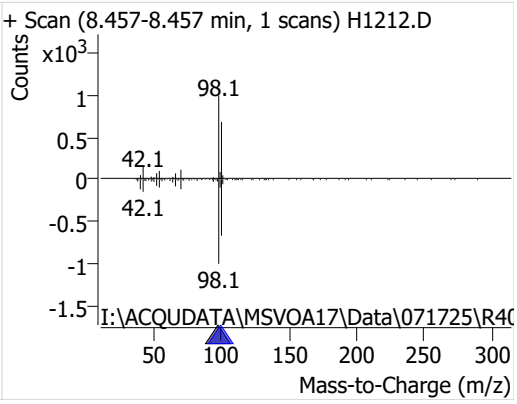


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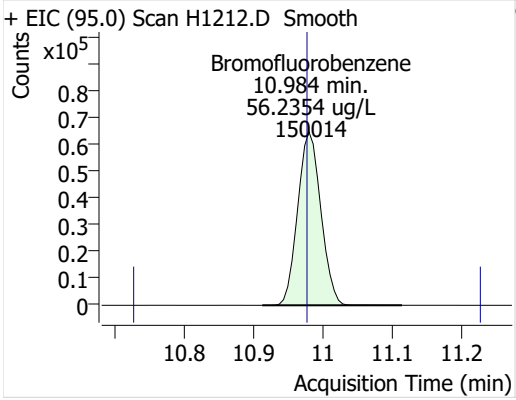
Toluene-d8

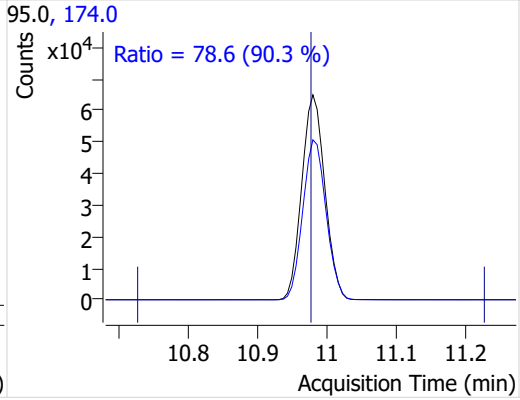


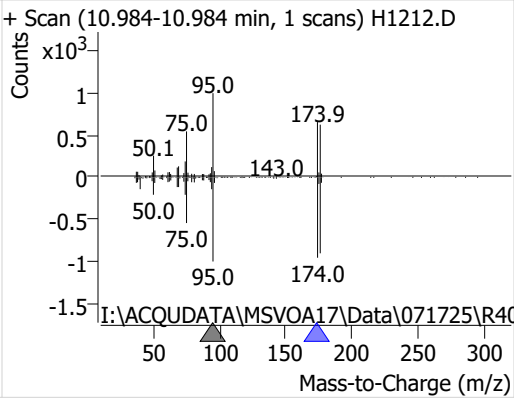




Bromofluorobenzene





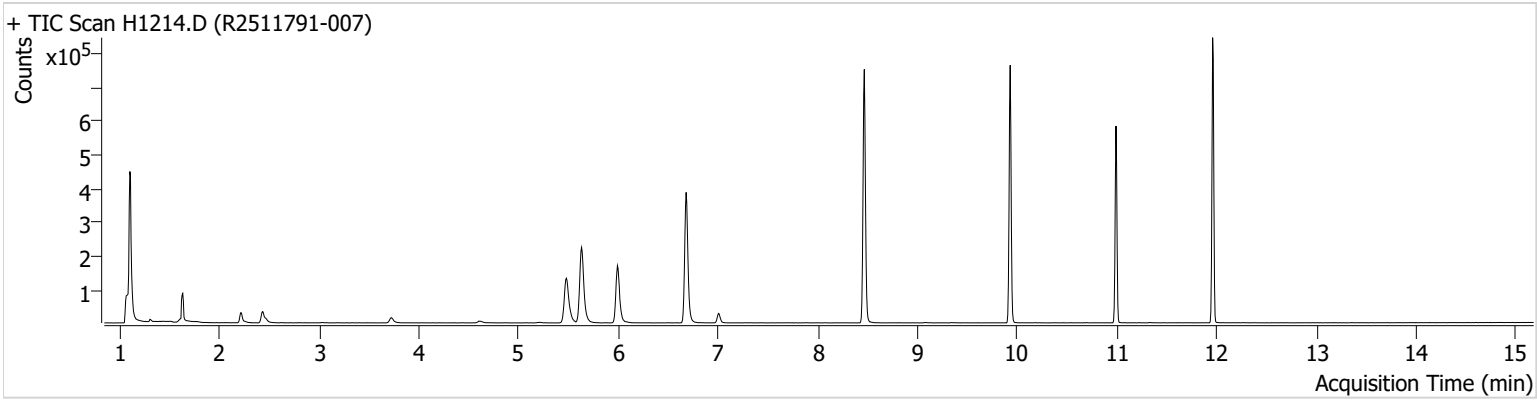


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1214.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon			RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0			5.622	0.000	225056	50.0000	ug/L
1,4-Difluorobenzene	114.0			6.671	0.000	378414	50.0000	ug/L
Chlorobenzene-d5	117.0			9.920	0.000	335700	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0			11.950	0.006	172882	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	124344	50.9693	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	467636	49.5943	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	144585	51.9759	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	162477	57.7020	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.000	13079	5.4680	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	17892	7.1417	ug/L
Acetone	43.000	0.437	0.001	2.459	0.003	9696	9.6333	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

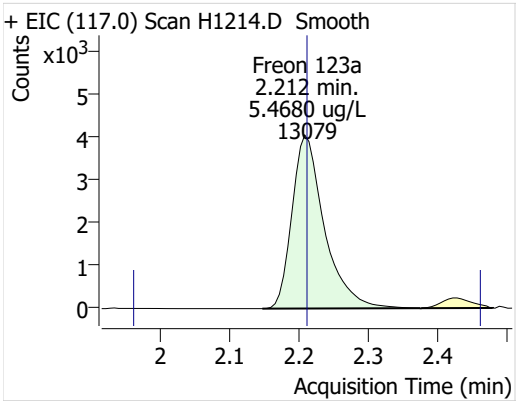
Masshunter Quantitative Analysis Sample Report

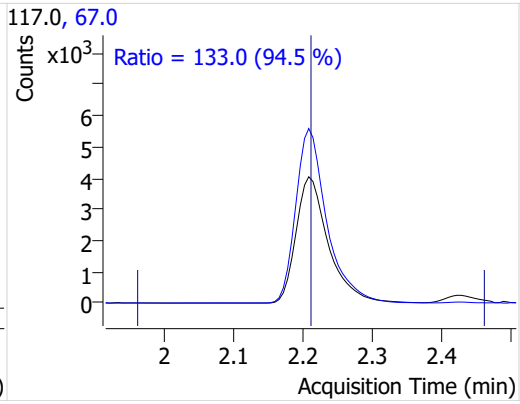
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	21768	5.2707	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.000	3947	1.5321	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.924	0.001	5.196	0.000	1952	0.4595	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.500	0.000	12661	3.6327	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	11233	4.0354	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

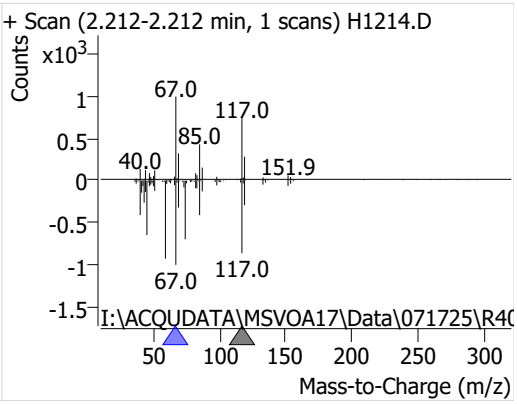
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

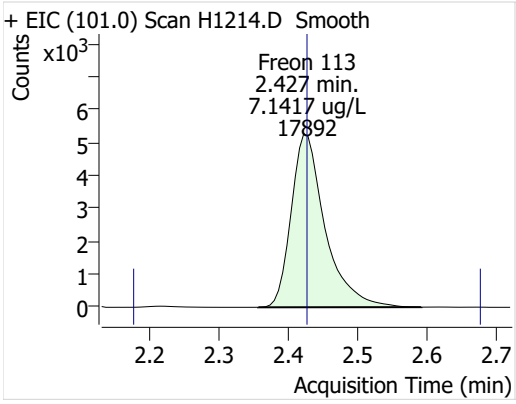
Freon 123a

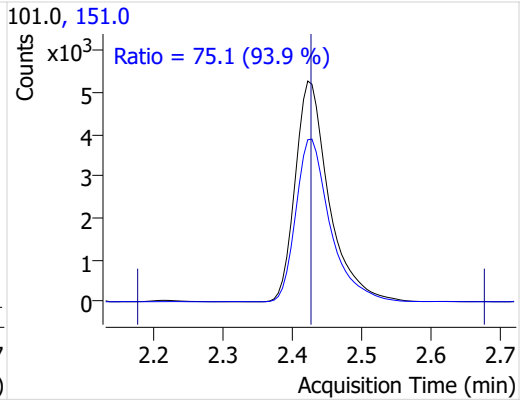


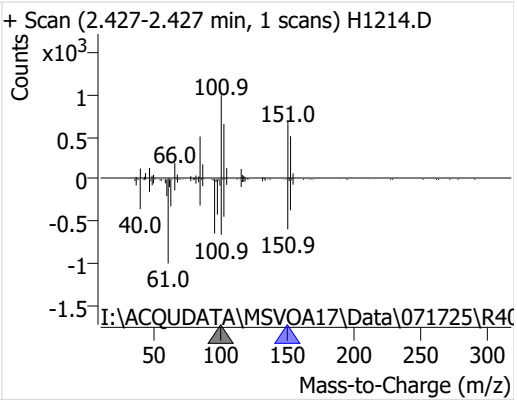




Freon 113

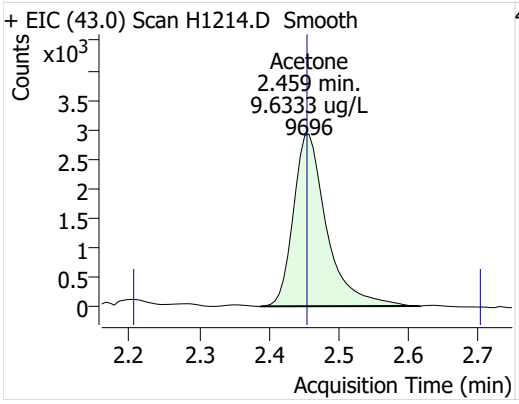


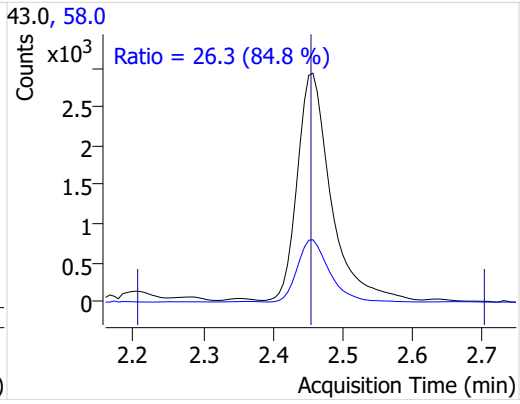


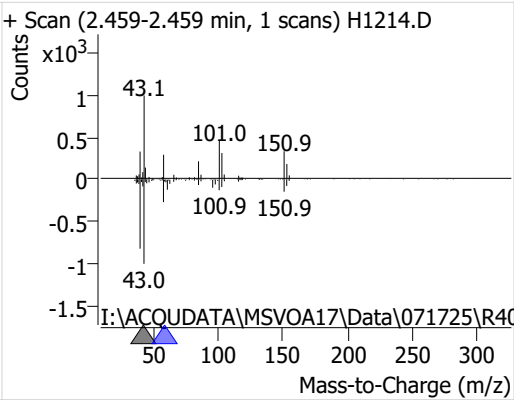


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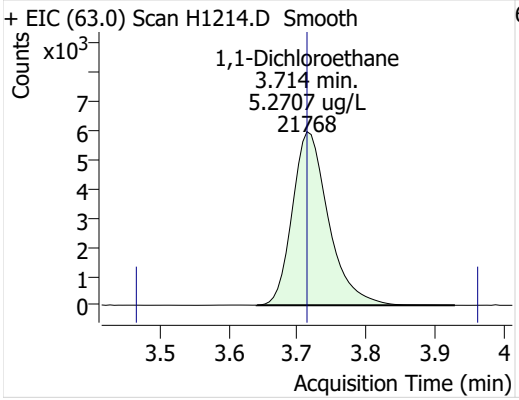
Acetone

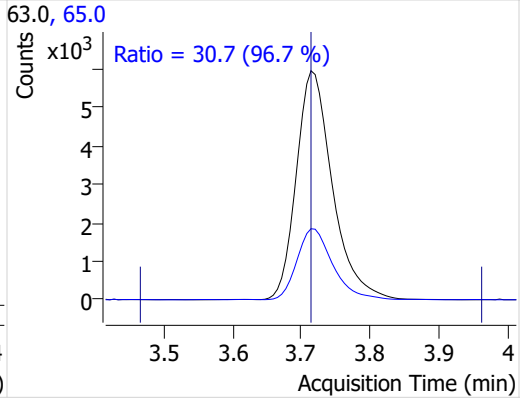


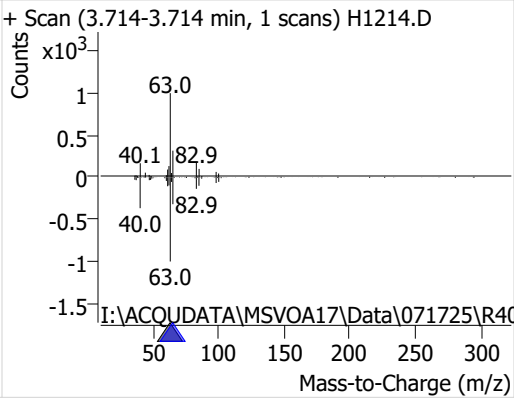




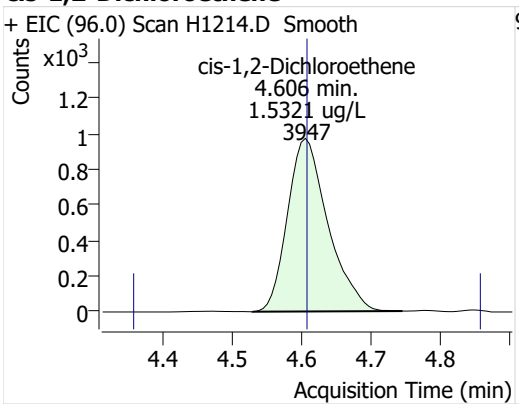
1,1-Dichloroethane

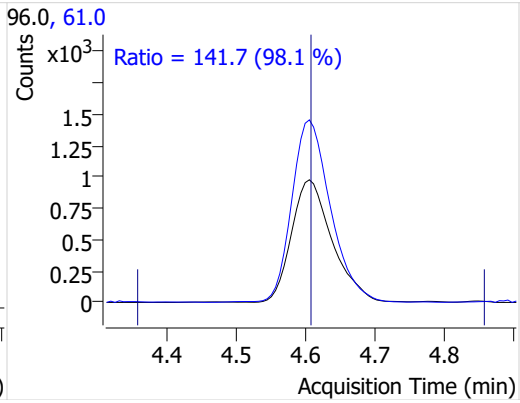


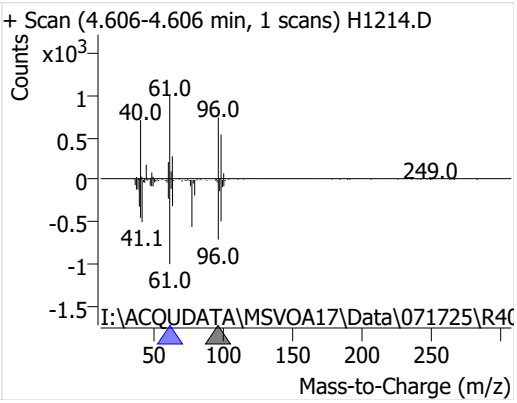




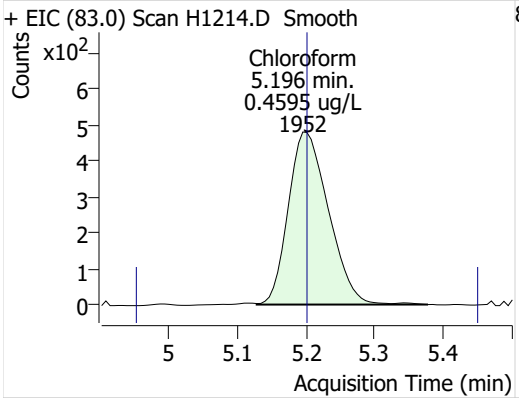
cis-1,2-Dichloroethene

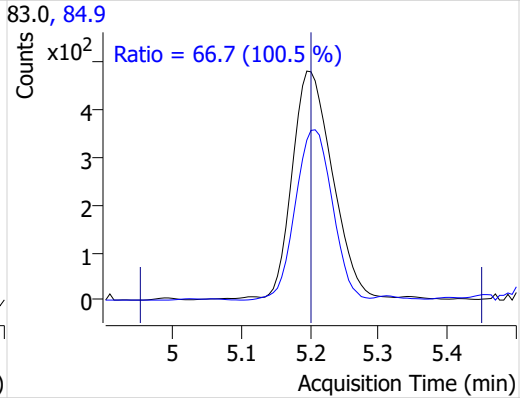


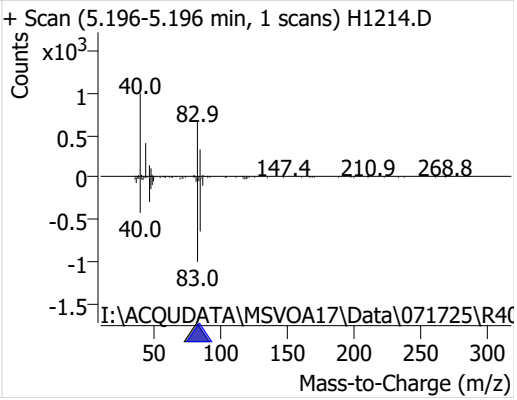




Chloroform

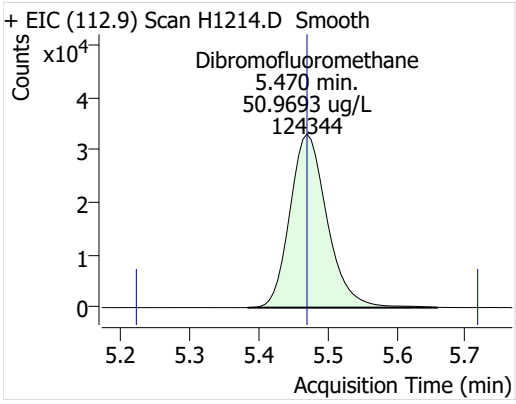


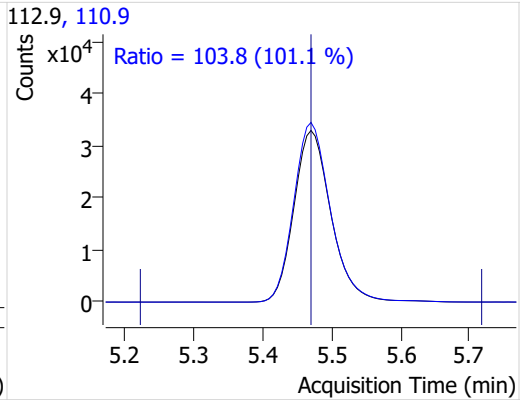


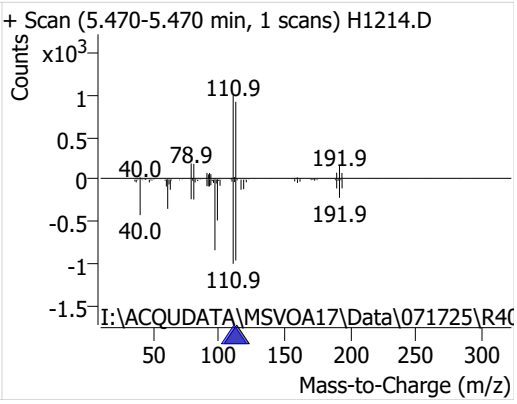


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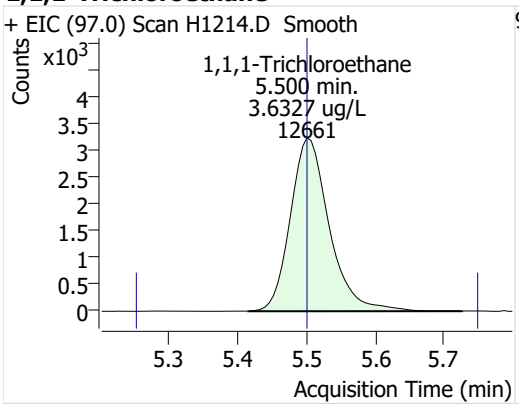
Dibromofluoromethane

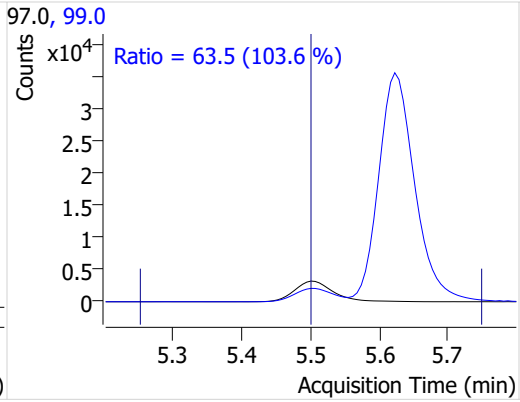


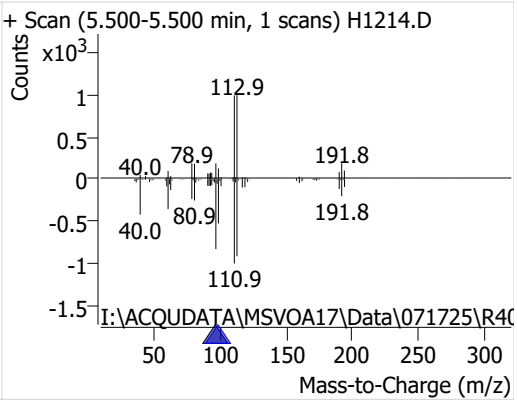




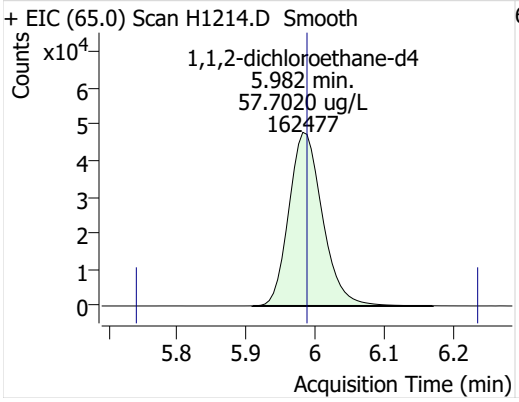
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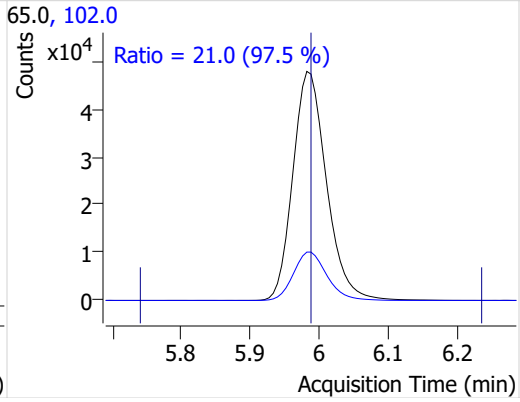


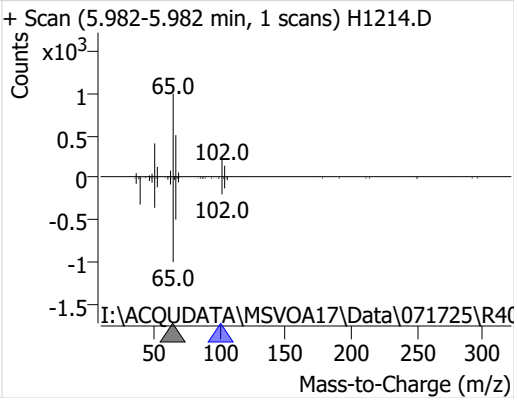




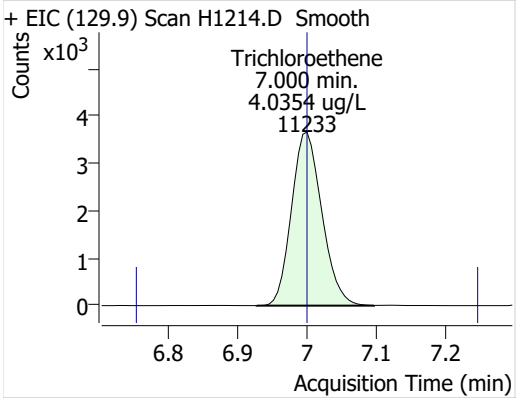
1,1,2-dichloroethane-d4

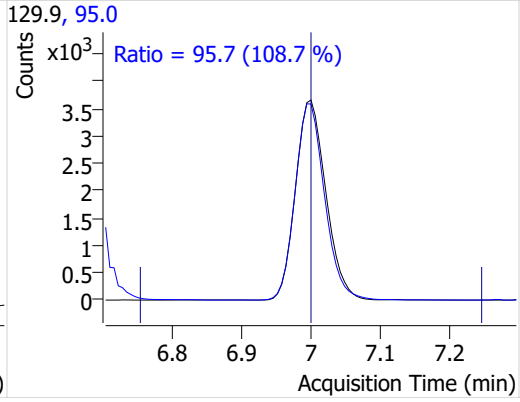


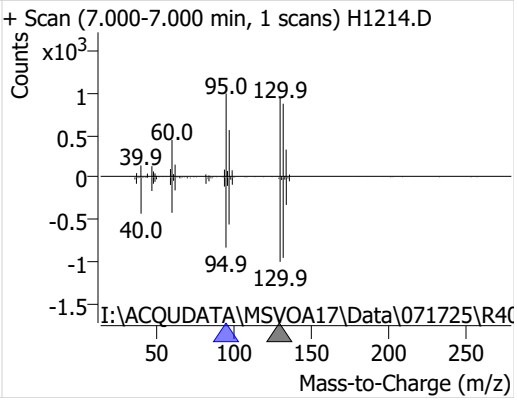




Trichloroethene

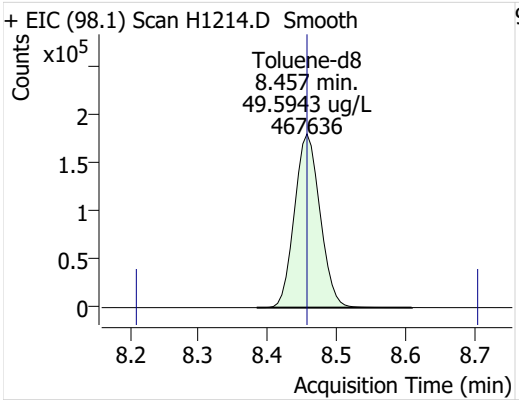


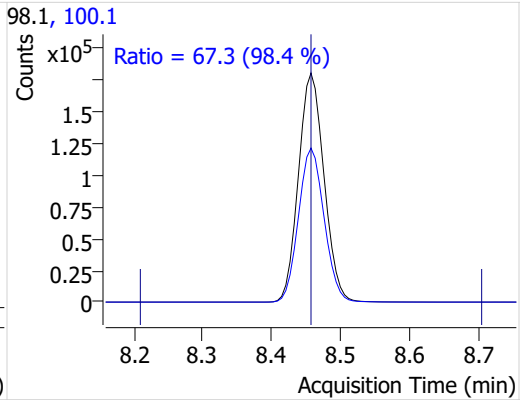


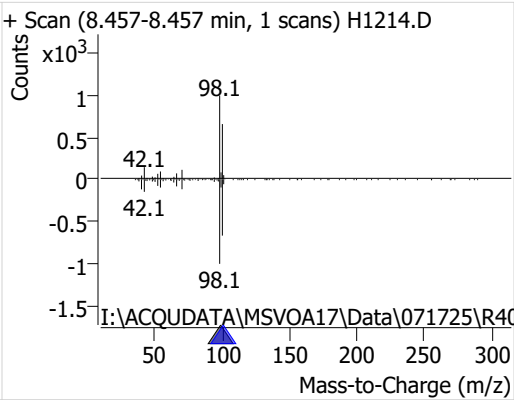


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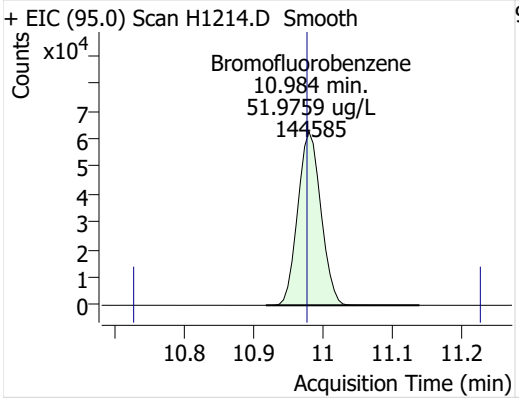
Toluene-d8

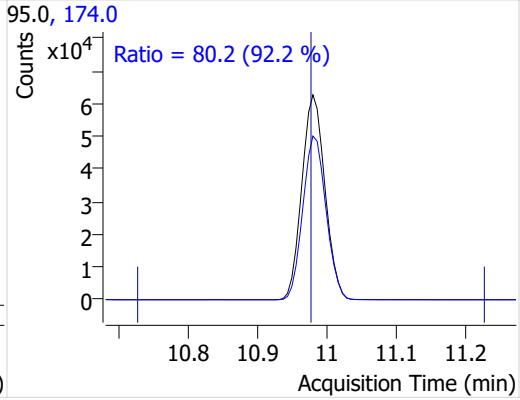


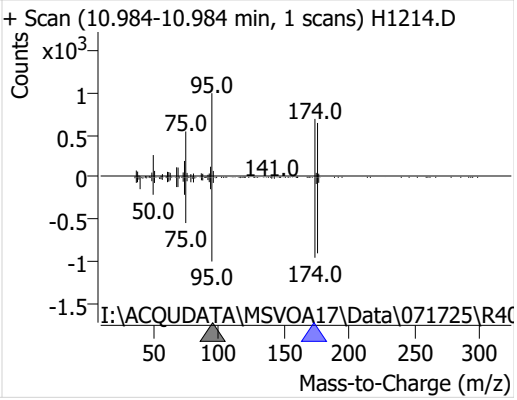




Bromofluorobenzene





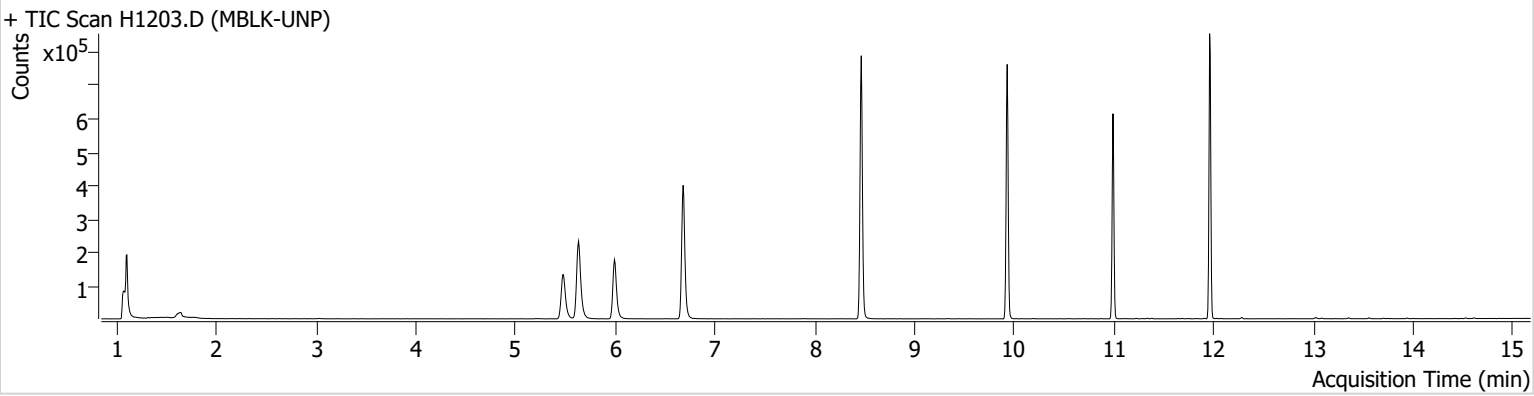


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1203.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	231196	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	387646	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	342711	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	171527	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	126203	50.4997	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	485820	50.2958	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	151268	54.8079	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167230	57.9757	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.440	0.003	2.471	0.016	425	0.4113	ug/L
Iodomethane	142.000	0.454	0.001	2.554	0.007	658	2.2600	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

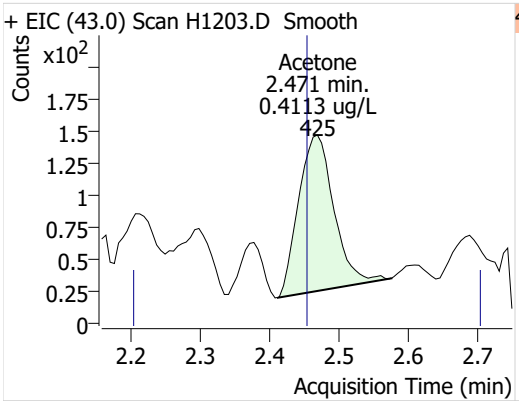
Masshunter Quantitative Analysis Sample Report

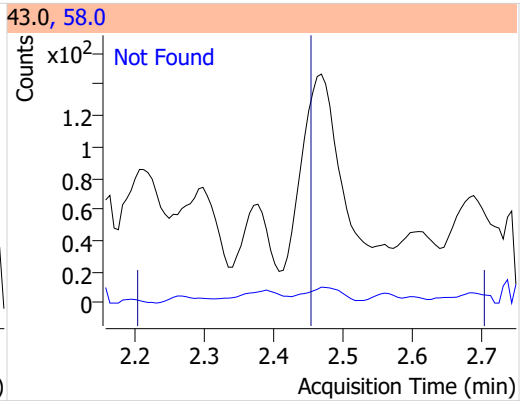
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

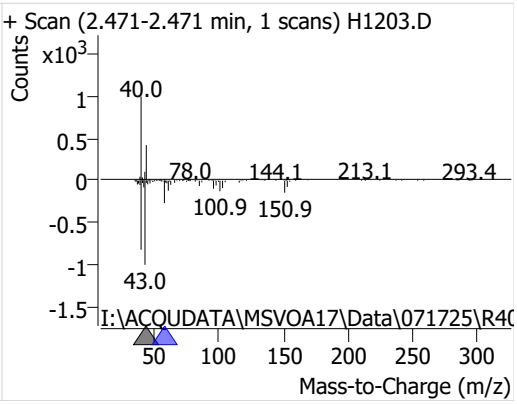
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	1558	0.3380	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.347	0.002	1129	0.2276	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

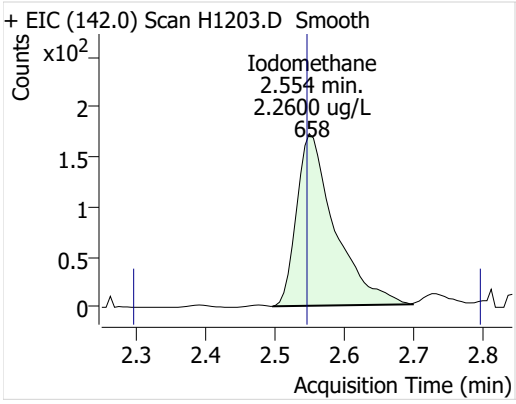
Acetone

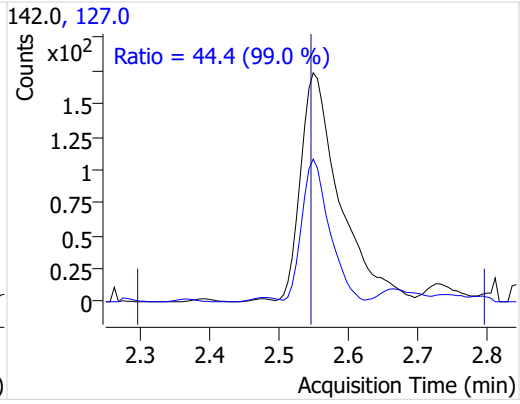


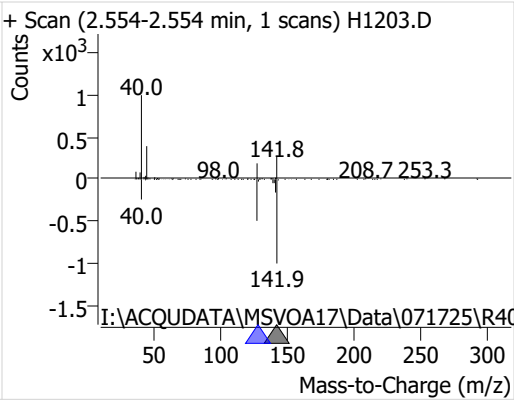




Iodomethane

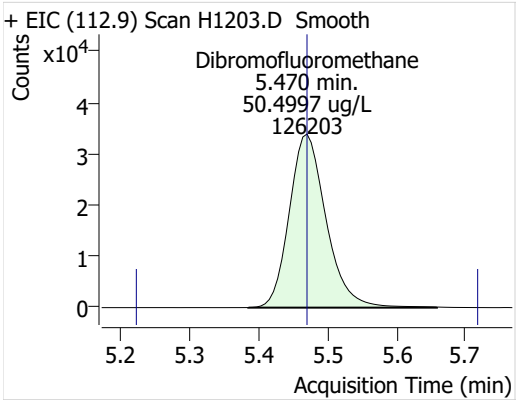


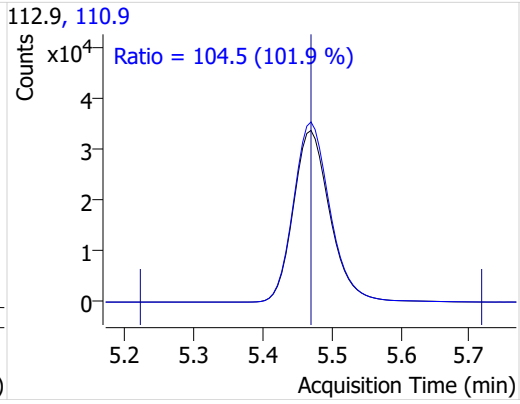


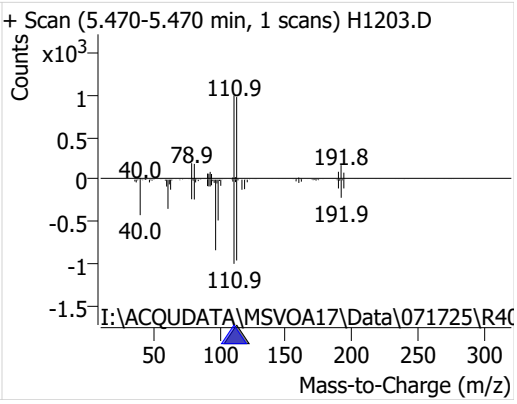


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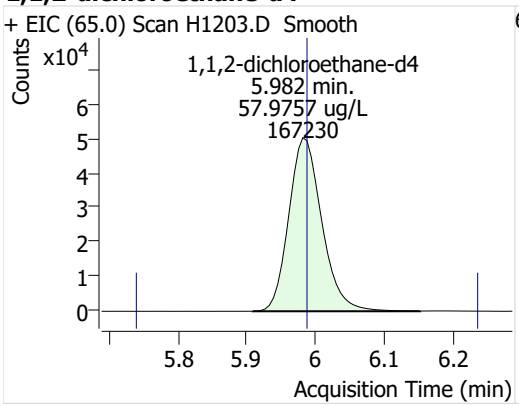
Dibromofluoromethane

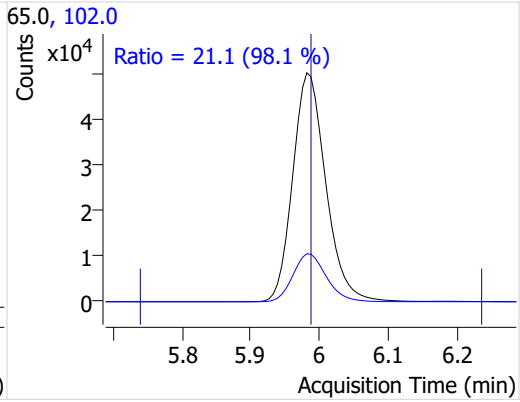


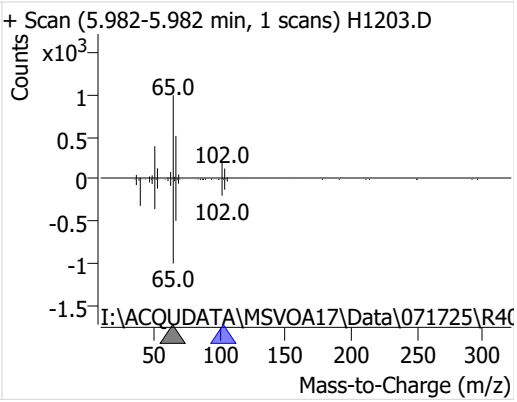




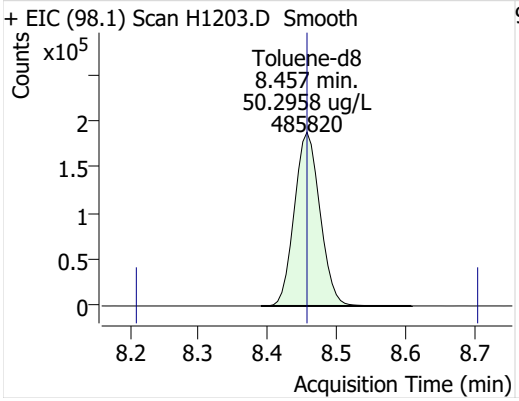
1,1,2-dichloroethane-d4

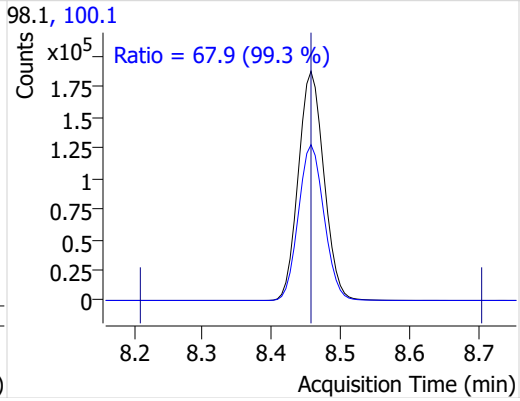


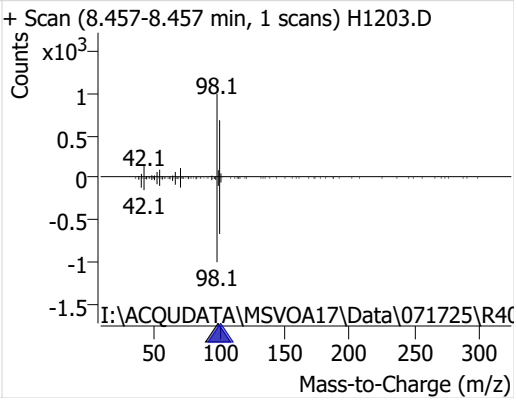




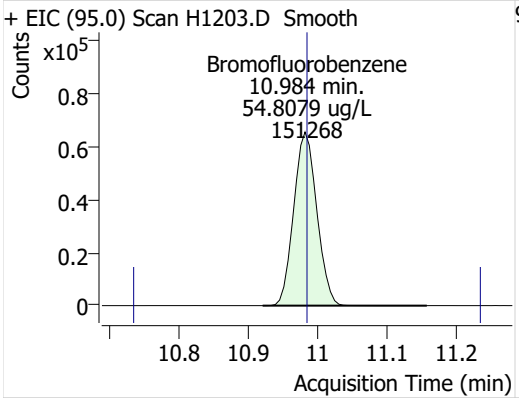
Toluene-d8

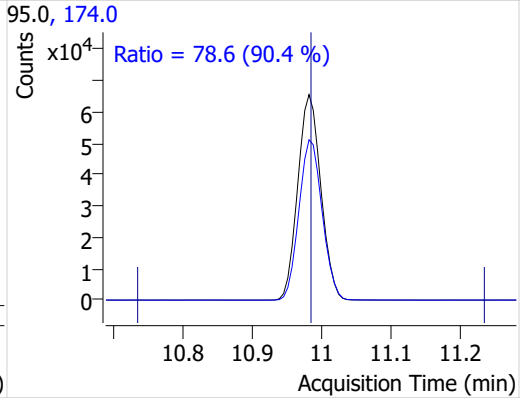


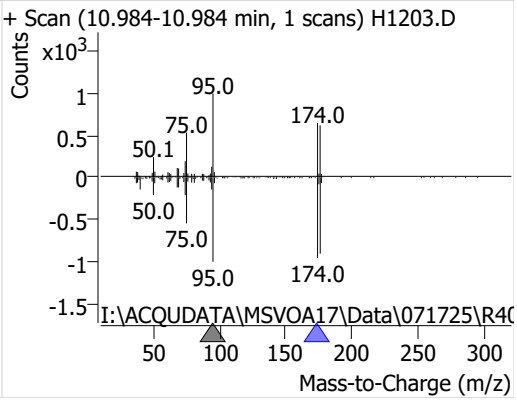




Bromofluorobenzene

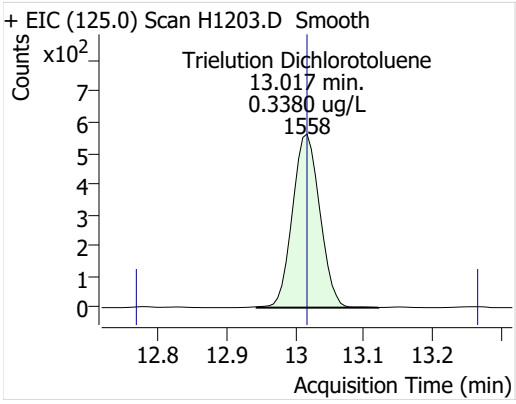


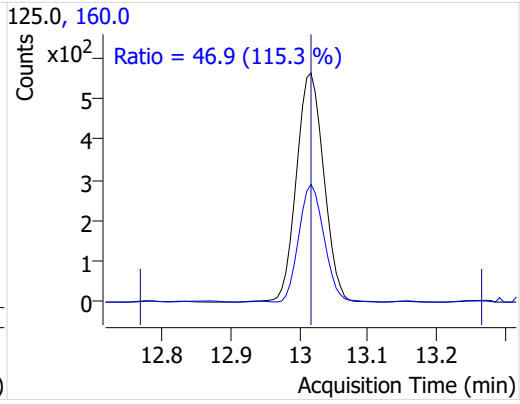


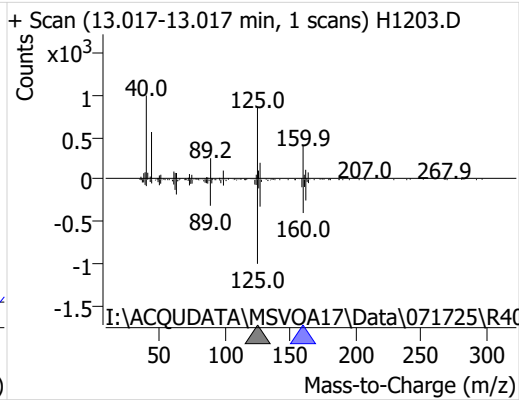


Masshunter Quantitative Analysis Sample Report

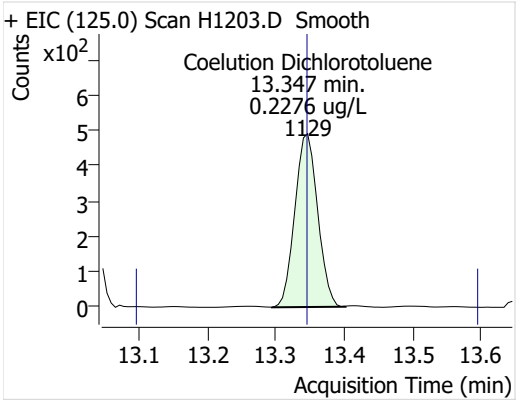
Trielution Dichlorotoluene

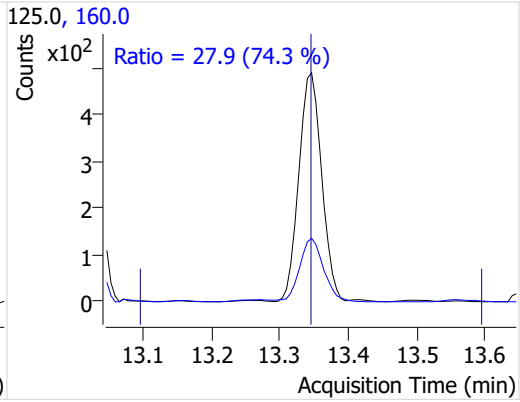


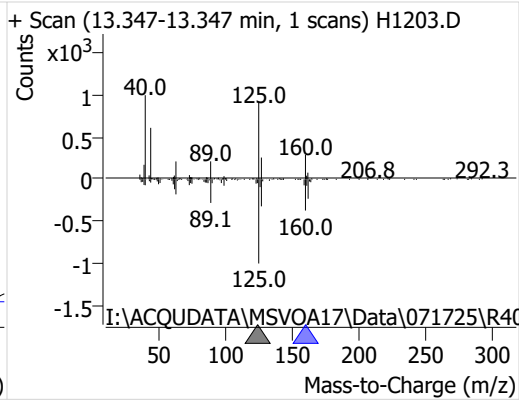




Coelution Dichlorotoluene





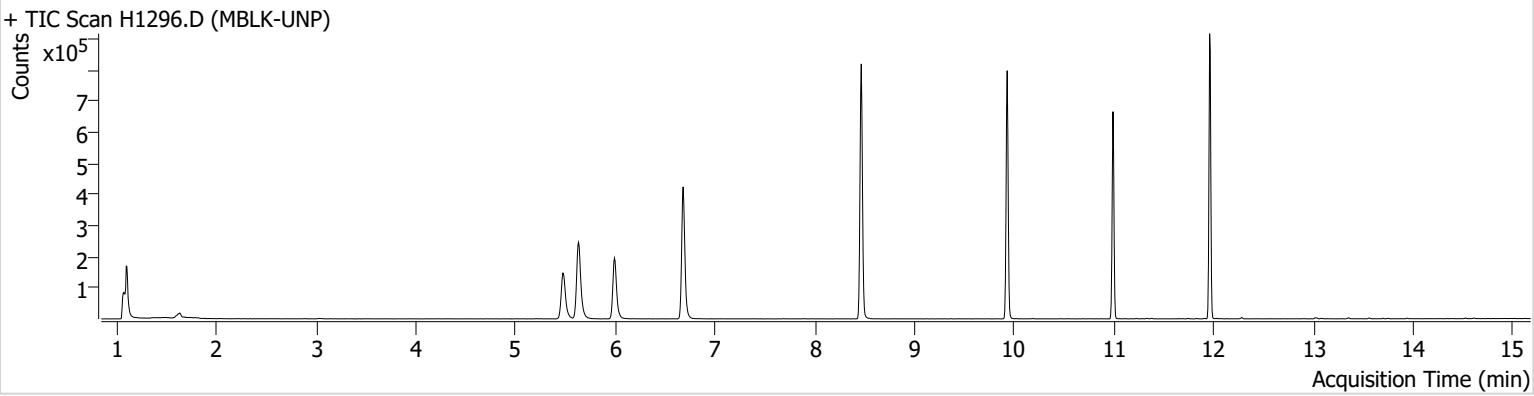


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092325\QuantResults\092325.batch.bin

H1296.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/25/2025 9:27:20 AM	**Batch State**	Processed
Report Generation Time	9/25/2025 9:27:49 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:23:25 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092325.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	245434	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	407497	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	360050	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	186111	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	140676	53.5488	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	518270	51.0415	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.007	167696	55.9990	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	186924	61.6463	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

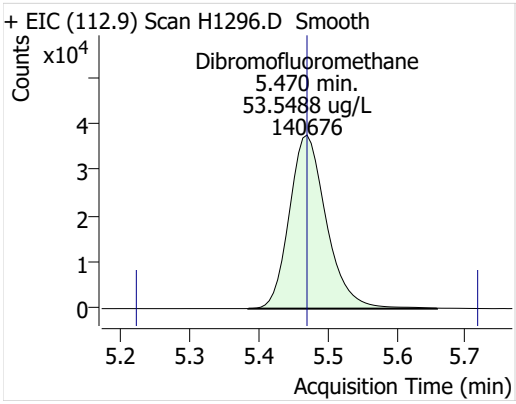
Masshunter Quantitative Analysis Sample Report

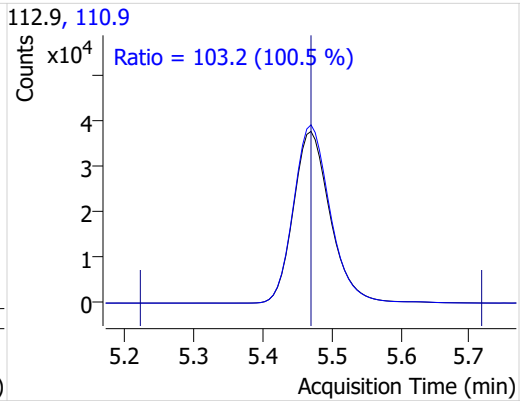
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

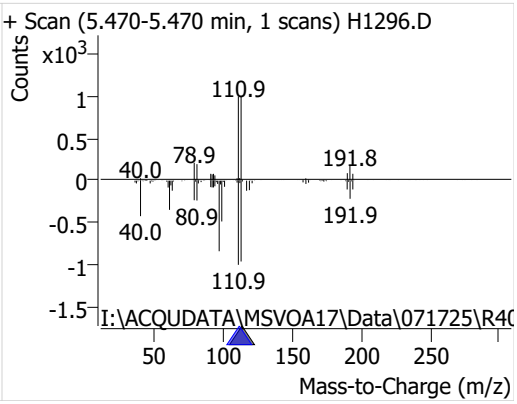
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	1773	0.3545	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.006	1180	0.2192	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.521	0.008	585	0.2070	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.006	528	0.2096	ug/L

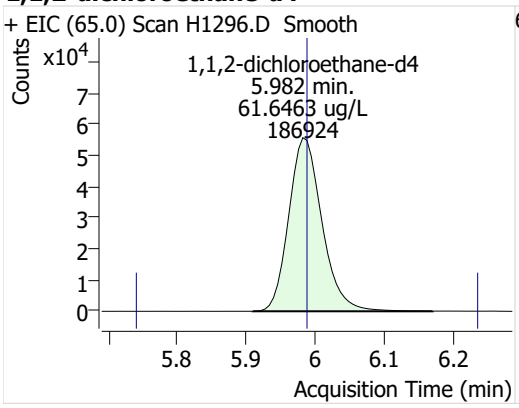
Dibromofluoromethane

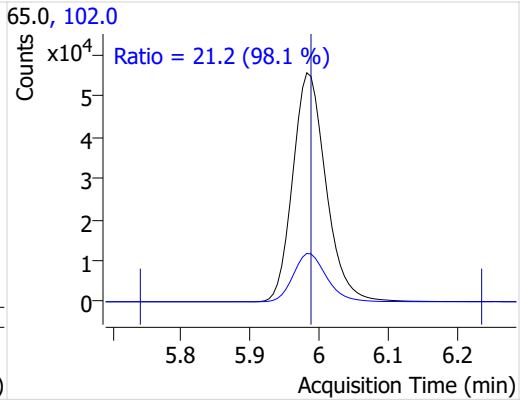


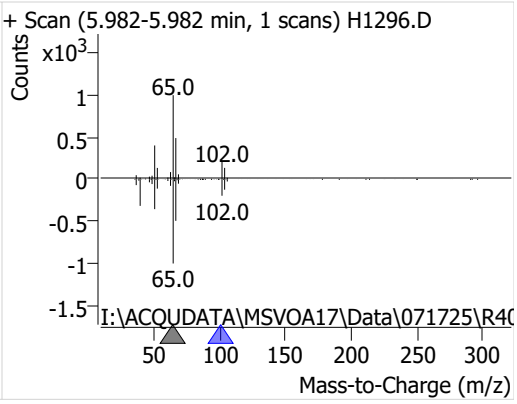




1,1,2-dichloroethane-d4

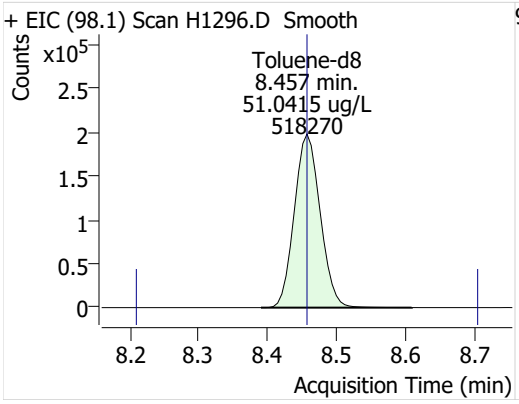


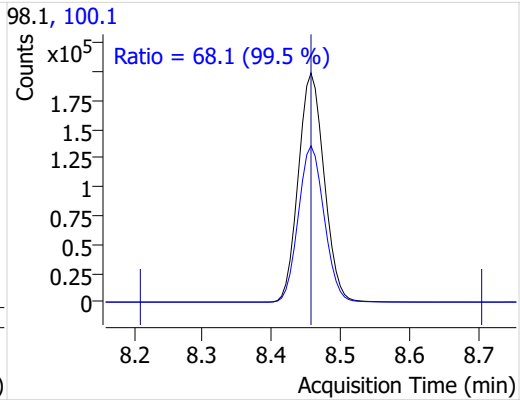


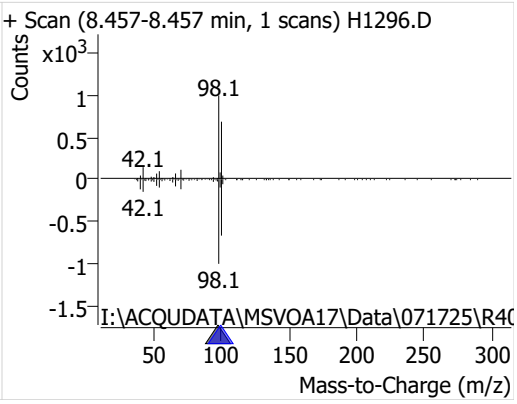


Masshunter Quantitative Analysis Sample Report

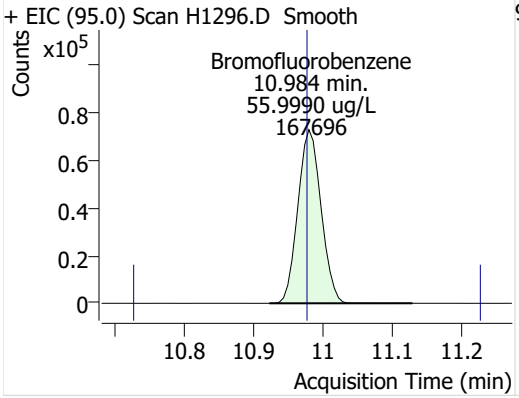
Toluene-d8

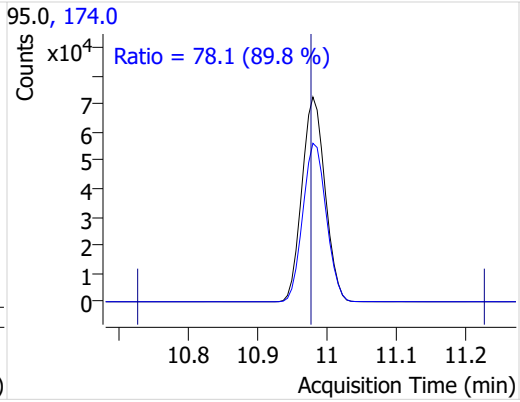


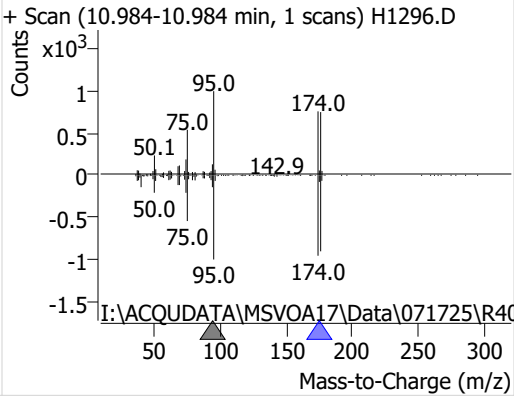




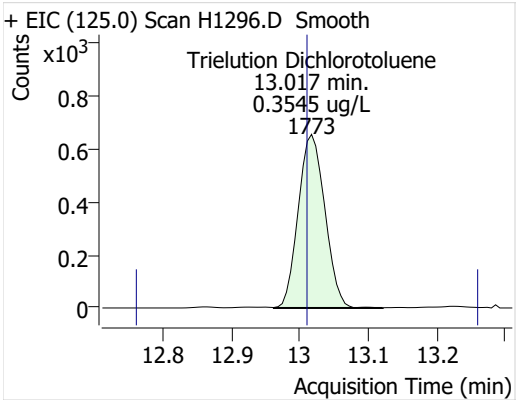
Bromofluorobenzene

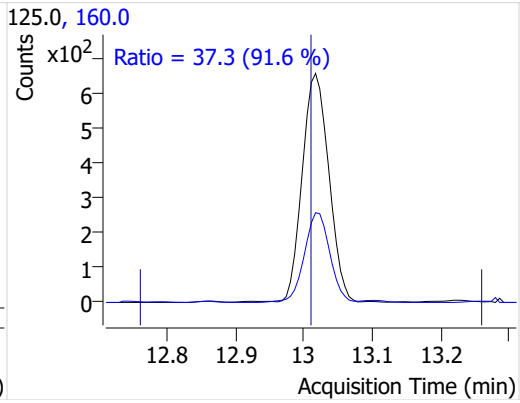


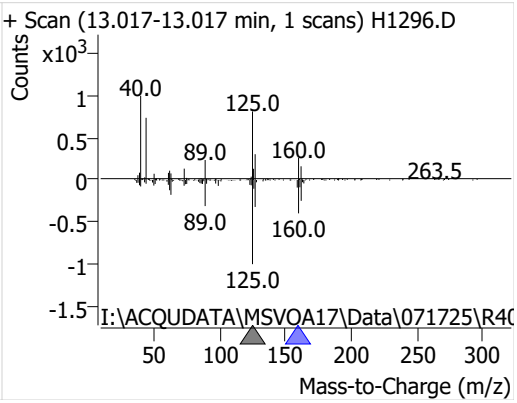




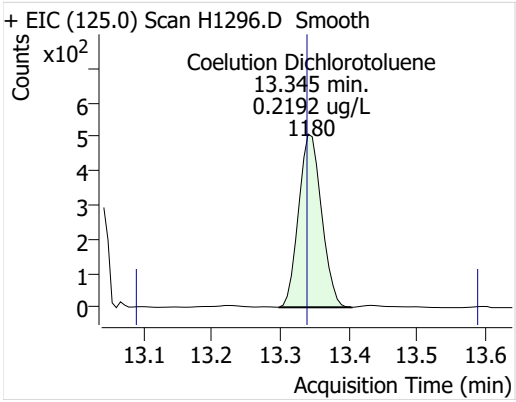
Trielution Dichlorotoluene

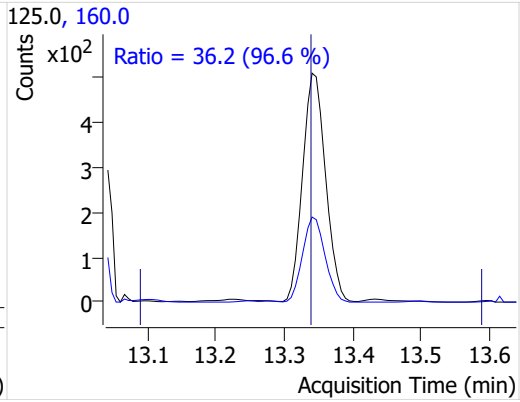


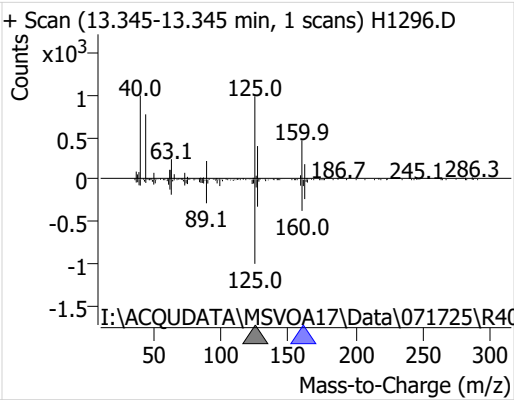




Coelution Dichlorotoluene

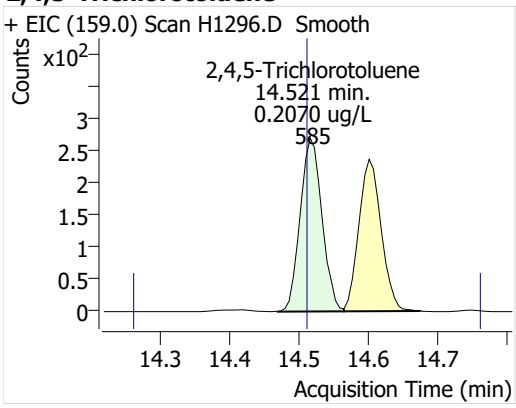


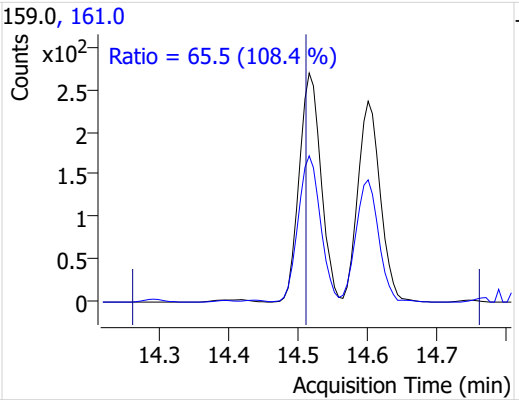


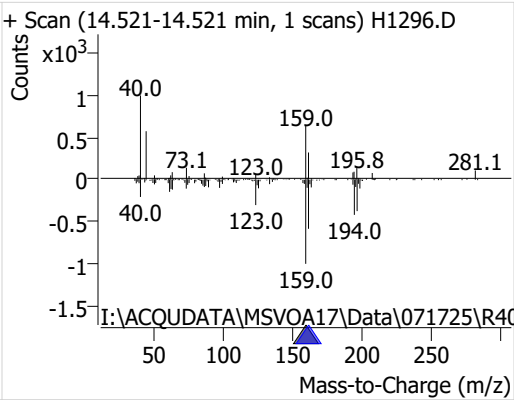


Masshunter Quantitative Analysis Sample Report

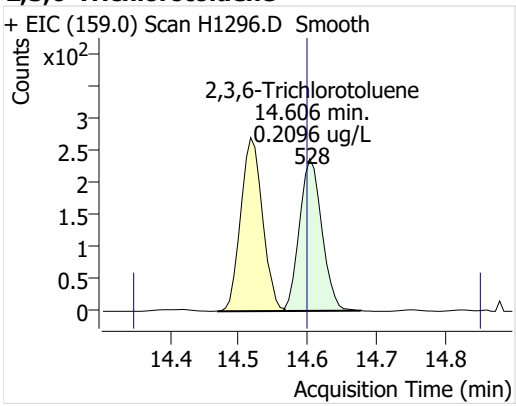
2,4,5-Trichlorotoluene

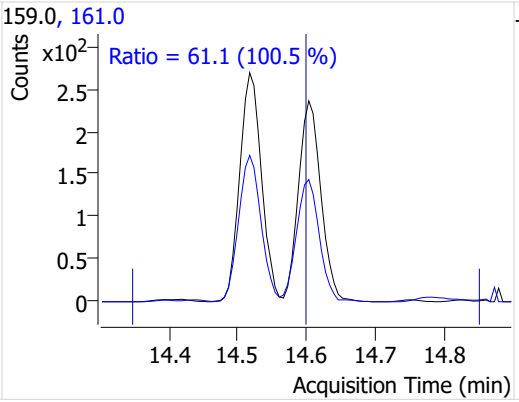


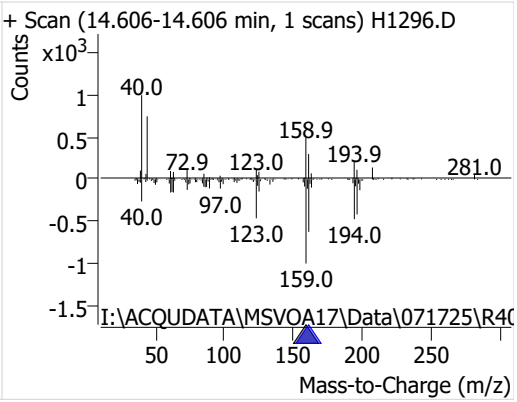




2,3,6-Trichlorotoluene





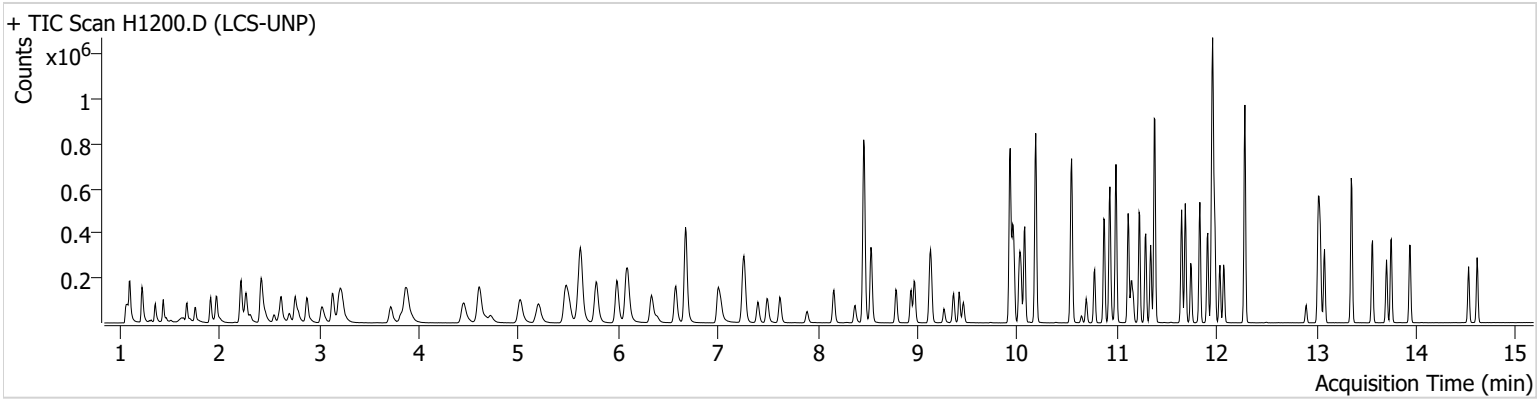


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1200.D

Acq. Date-Time	9/20/2025 10:53:50 AM	**Name**	LCS-UNP
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	249546	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.665	0.006	412975	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	354626	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.950	0.006	193624	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.464	0.001	135483	50.8879	ug/L
Toluene-d8	98.1	1.268	0.000	8.451	0.002	525517	51.0686	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.983	0.006	180334	57.8826	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.976	0.007	175416	57.0838	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	84234	27.5371	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.001	74177	24.4144	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.002	71782	25.7875	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	79474	24.3851	ug/L
Bromomethane	94.000	0.297	0.000	1.668	0.001	48227	19.2413	ug/L
Chloroethane	64.000	0.312	0.000	1.753	0.000	49852	20.8764	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.907	0.001	98638	20.0698	ug/L
Trichlorofluoromethane	101.000	0.350	0.000	1.965	0.002	97593	21.9297	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.001	49817	18.7829	ug/L
Diethyl Ether	59.000	0.394	0.000	2.214	0.001	47199	20.6661	ug/L
Freon 123	83.000	0.403	0.000	2.262	0.001	77712	19.4862	ug/L
Acrolein	56.000	0.411	0.000	2.307	0.001	16818	104.5938	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.003	90519	22.4129	ug/L
Freon 113	101.000	0.431	0.000	2.423	0.000	55749	20.0691	ug/L
Acetone	43.000	0.437	0.000	2.453	0.002	22735	20.3699	ug/L
Iodomethane	142.000	0.453	0.000	2.544	0.000	42073	14.0211	ug/L
2-Propanol	45.000	0.463	0.000	2.601	0.002	66042	403.8973	ug/L
Carbon Disulfide	75.900	0.465	0.001	2.611	0.003	130397	19.2739	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.751	0.001	131698 LT	144.9747	ug/L
Methyl Acetate	43.000	0.496	0.000	2.784	0.000	50446	22.7859	ug/L

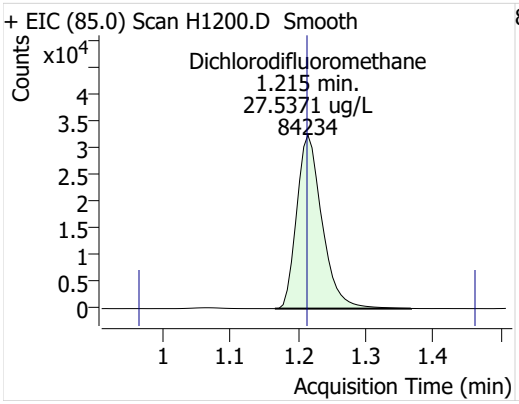
Masshunter Quantitative Analysis Sample Report

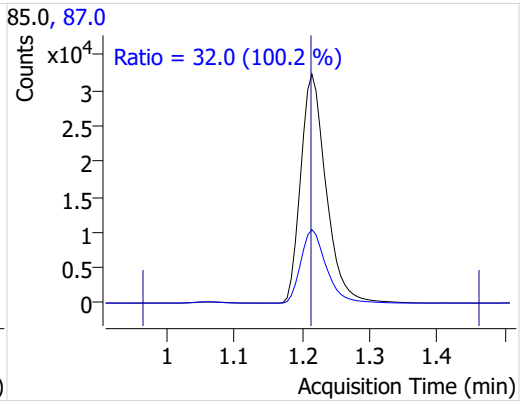
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.873	0.003	55864	20.6015	ug/L
TBA	59.000	0.539	0.001	3.025	0.003	98959	392.1004	ug/L
Acrylonitrile	53.000	0.557	0.001	3.129	0.003	130427	113.6157	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.190	0.003	74345	20.7995	ug/L
MTBE	73.000	0.573	0.001	3.220	0.004	149441	20.0091	ug/L
1,1-Dichloroethane	63.000	0.660	0.000	3.708	0.001	102223	22.3219	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.816	0.002	66365	17.1732	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.000	3.854	0.002	45600	21.2028	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.873	0.002	149673	19.1348	ug/L
ETBE	59.000	0.791	0.000	4.444	0.002	131984	18.0309	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.599	0.003	62511	21.8846	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.604	0.004	72809	21.2815	ug/L
2-Butanone	43.000	0.831	0.000	4.669	0.001	30629	21.8077	ug/L
Propionitrile	54.000	0.839	0.000	4.714	0.001	49557	112.3308	ug/L
Bromochloromethane	129.900	0.891	0.000	5.007	0.001	39067	19.4682	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.015	0.001	24918	21.6839	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.171	0.006	18158	21.3132	ug/L
Chloroform	83.000	0.925	0.000	5.196	0.000	97937	20.7923	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.494	0.000	83231	21.5369	ug/L
Cyclohexane	84.000	0.840	0.000	5.598	0.001	80944	20.5170	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.771	0.002	75439	21.3634	ug/L
1,1-Dichloropropene	75.000	0.866	0.000	5.775	0.001	72833	22.1711	ug/L
Benzene	78.000	0.911	0.000	6.074	0.001	212090	21.4585	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.092	0.001	83373	21.8119	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.092	0.001	42315	486.6499	ug/L
TAME	73.000	1.126	0.000	6.323	0.001	118649	17.4671	ug/L
n-Heptane	43.000	0.986	0.000	6.569	0.000	84656	25.7790	ug/L
Trichloroethene	129.900	1.049	0.000	6.994	0.000	61516	20.2496	ug/L
1-Butanol	56.000	1.053	0.000	7.018	0.003	58659	862.3725	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.244	0.001	72978	20.3661	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.256	0.001	59205	21.7830	ug/L
Dibromomethane	173.900	1.109	0.000	7.390	0.001	36284	18.7040	ug/L
1,4-Dioxane	88.000	1.123	0.001	7.482	0.007	14135	353.3476	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.488	0.001	37778	20.2641	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.610	0.001	73414	20.3705	ug/L
2-Nitropropane	43.000	1.183	0.001	7.886	0.004	36063	44.3840	ug/L
2-Chloroethylvinyl Ether	63.000	1.195	0.007	7.964	0.049	851	1.0502	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.152	0.001	79463	22.1680	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.001	8.366	0.005	53534	20.3783	ug/L
Toluene	91.000	1.279	0.000	8.524	0.002	233934	21.6277	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.774	0.005	68676	21.8061	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.927	0.008	65075	19.8042	ug/L
1,1,2-Trichloroethane	97.000	1.345	0.001	8.963	0.008	53625	21.5121	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	56192	20.9865	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	90099	21.9754	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	18974	18.9377	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	59282	20.7510	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	82188	21.4727	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	51503	21.6384	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	152691	20.5552	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.002	60654	15.6782	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.002	56867	15.4977	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	55093	21.3022	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	258391	22.4935	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	405193	46.8254	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.001	199751	21.6200	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	168797	21.7410	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	38135	21.8233	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	59364	15.3251	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	249143	23.8758	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	206374	473.7547	ug/L

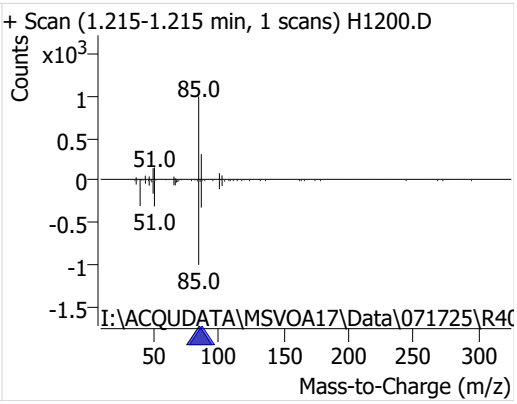
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	69213	22.5146	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	64254	20.9977	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	84520	22.2445	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.000	20402	24.8977	ug/L
Propyl Benzene	91.100	0.938	0.000	11.213	0.003	308750	25.1385	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.280	0.005	178020	24.0974	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.005	125451	16.8629	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	223908	23.9056	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	247120	24.5924	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	221524	23.9923	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.005	222620	24.2618	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	46529	17.1081	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	288216	24.4071	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	124894	21.4283	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	247928	24.3149	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	128675	20.9561	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	41004	16.3363	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	46741	16.1816	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	120756	21.2063	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	236759	25.8236	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	15685	20.4938	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	282618	54.3261	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	76252	17.2524	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.346	0.007	208030	37.1476	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	84961	20.6307	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	34452	22.4694	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	239343	22.8361	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	83162	20.9384	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.008	51792	17.6088	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	53662	20.4586	ug/L

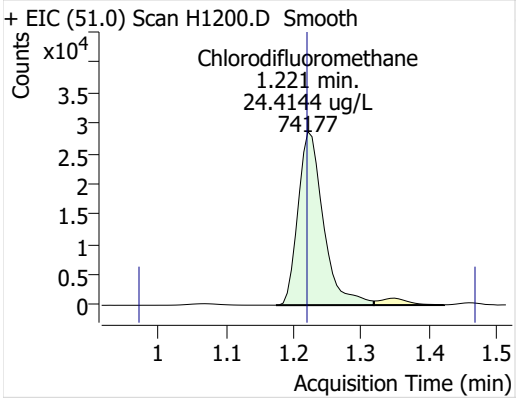
Dichlorodifluoromethane

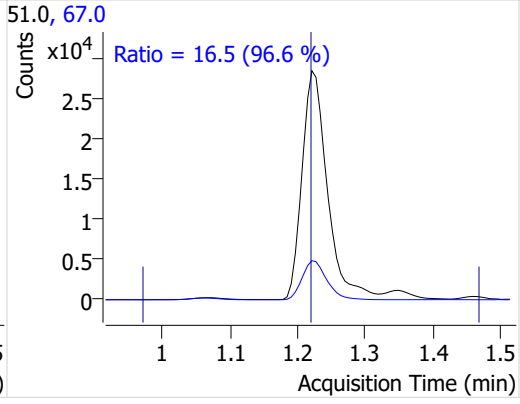


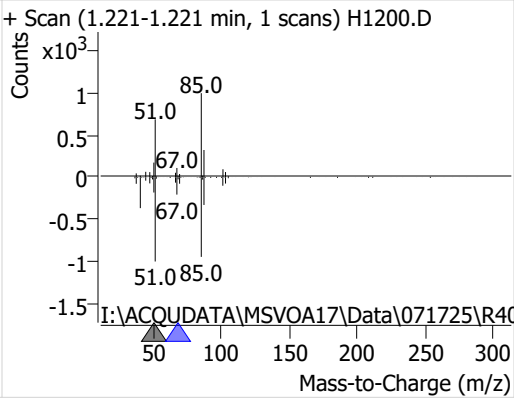




Chlorodifluoromethane

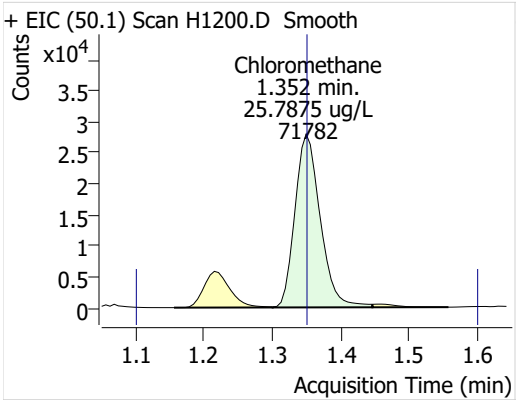


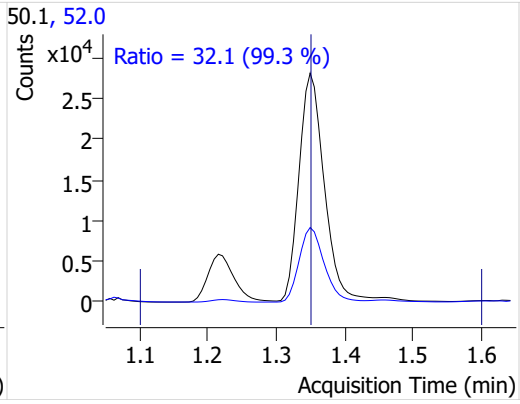


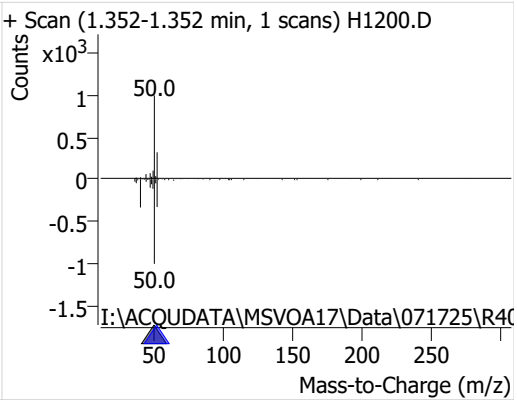


Masshunter Quantitative Analysis Sample Report

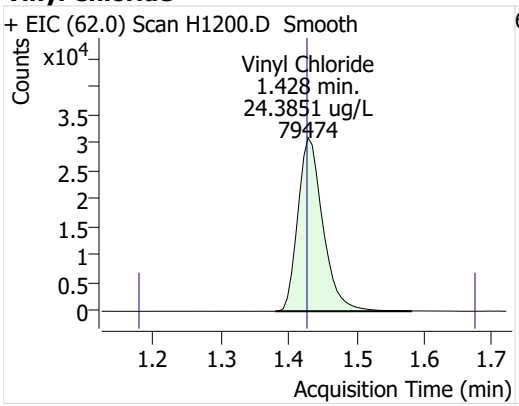
Chloromethane

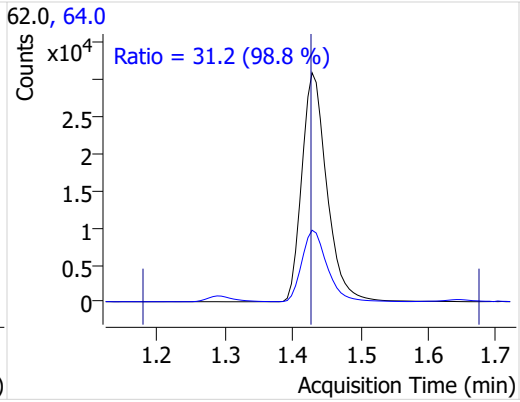


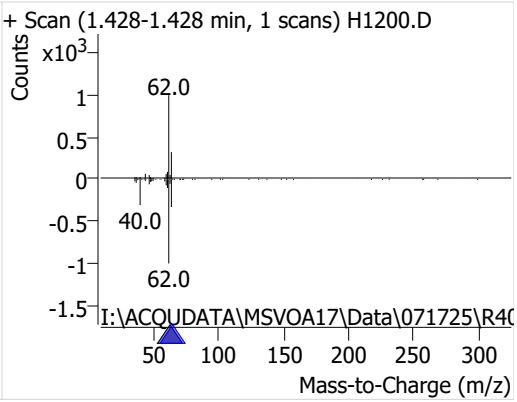




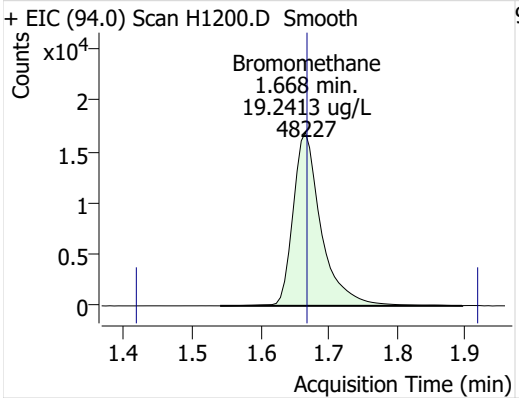
Vinyl Chloride

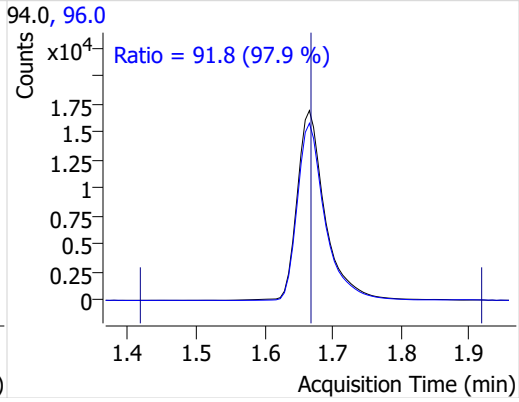


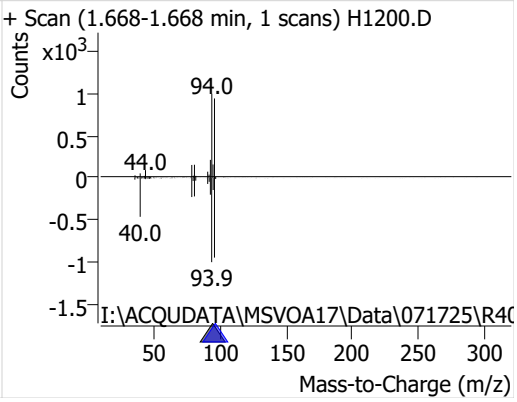




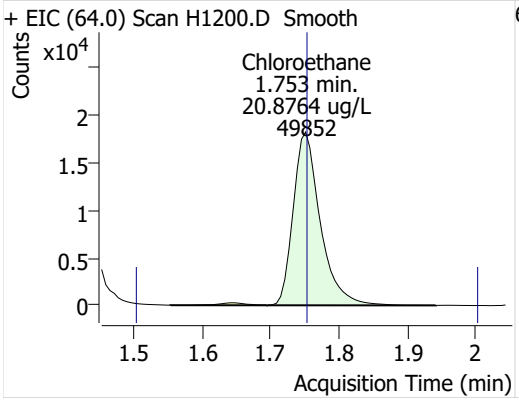
Bromomethane

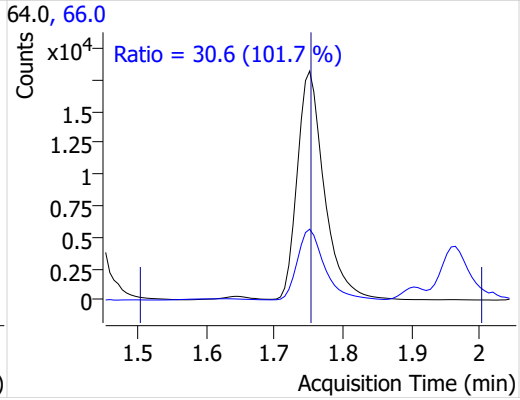


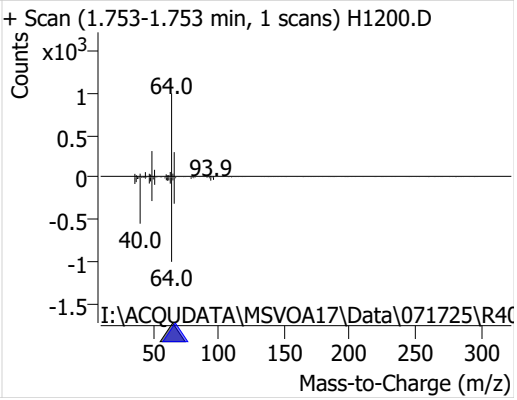




Chloroethane

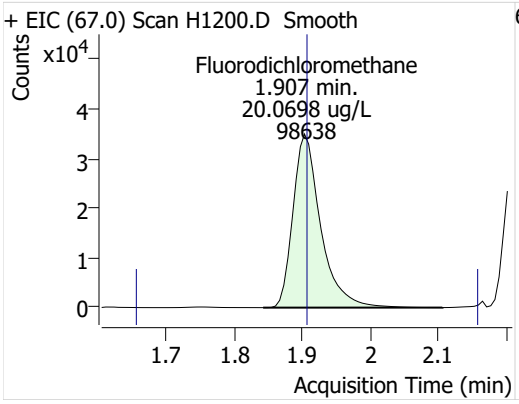


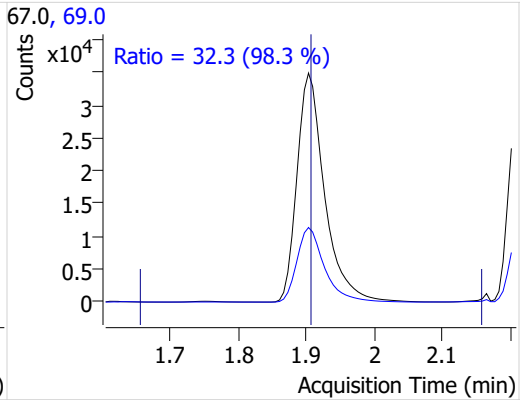


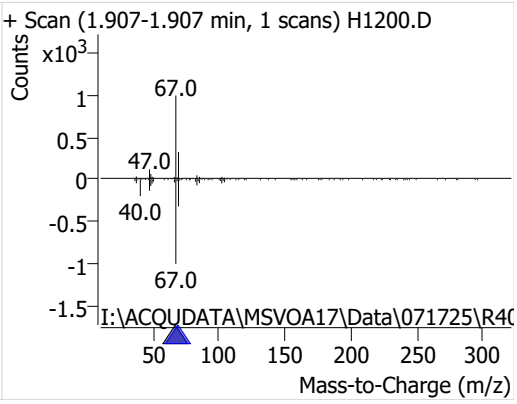


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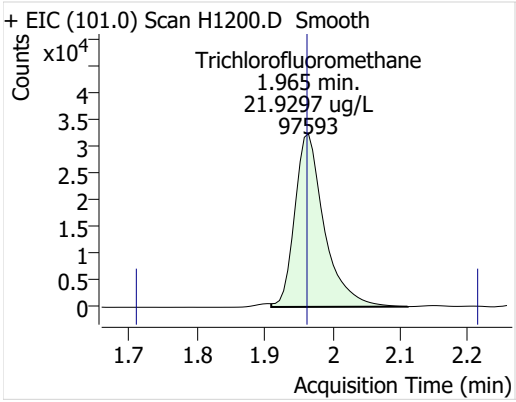
Fluorodichloromethane

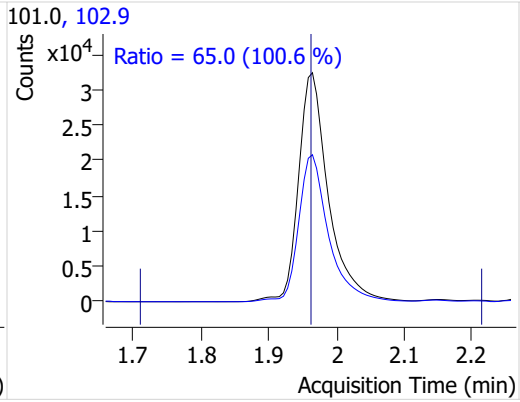


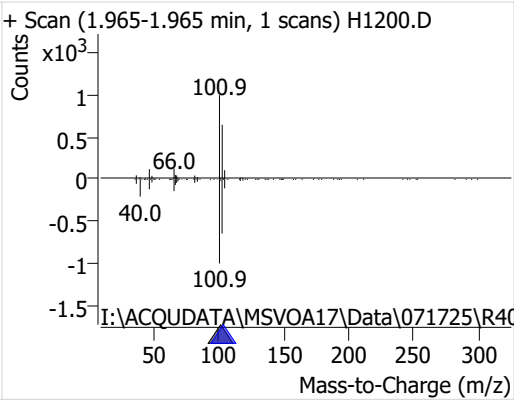




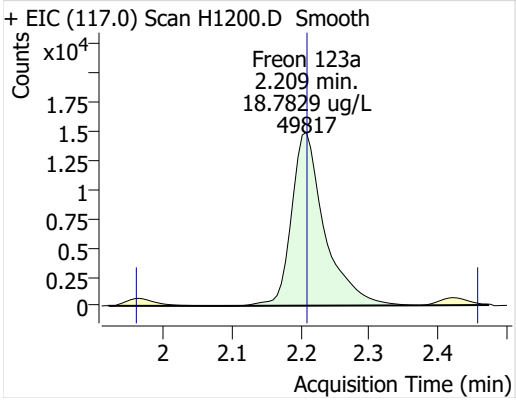
Trichlorofluoromethane

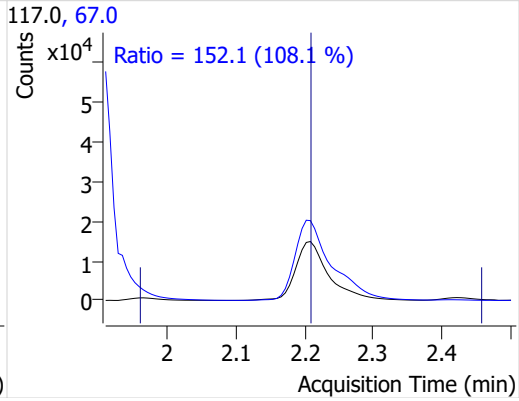


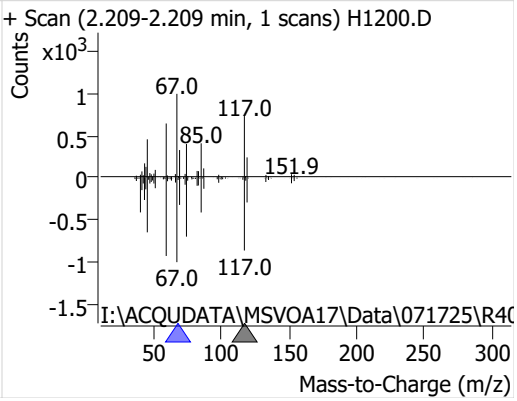




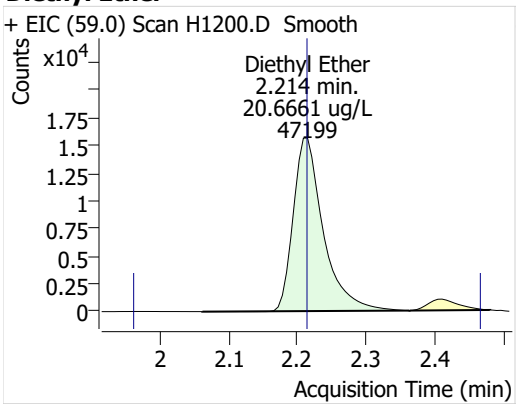
Freon 123a

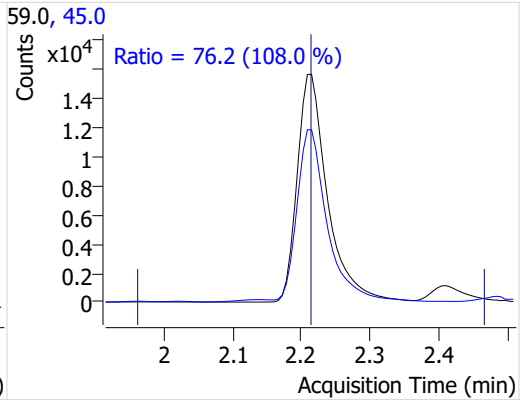


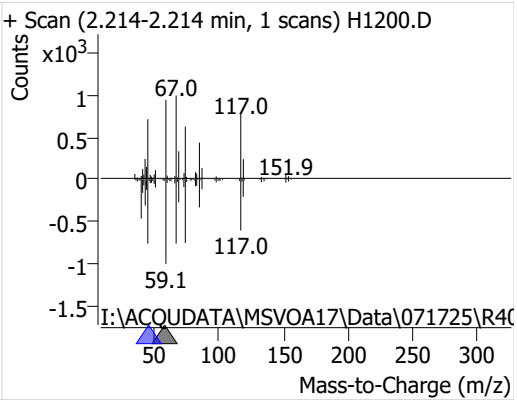




Diethyl Ether

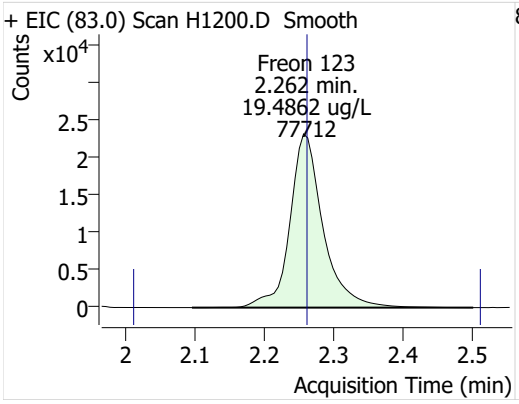


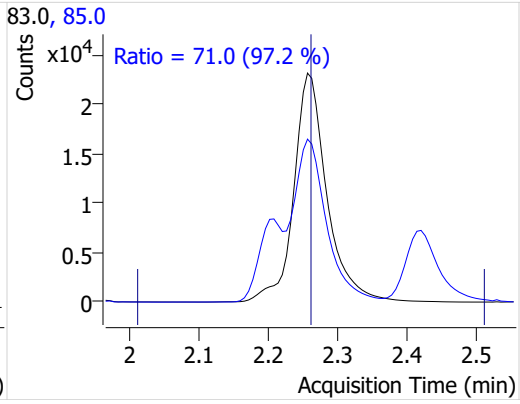


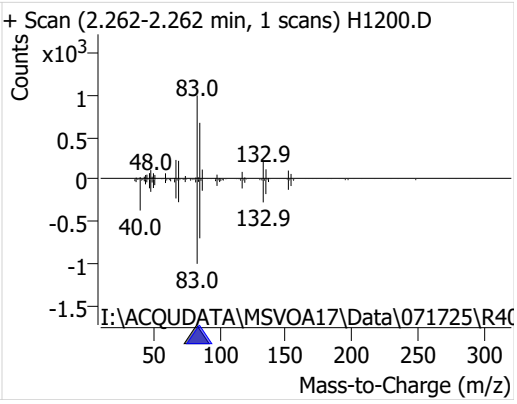


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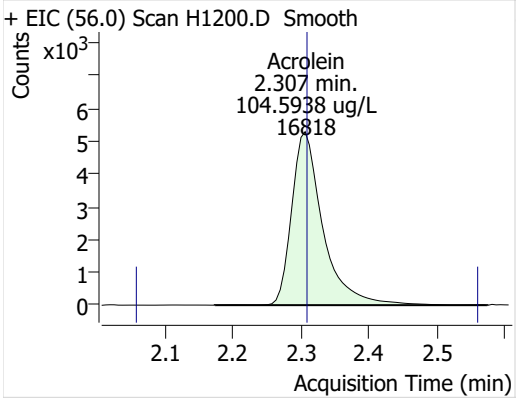
Freon 123

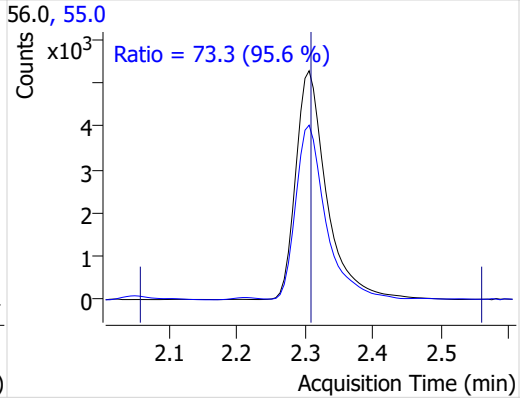


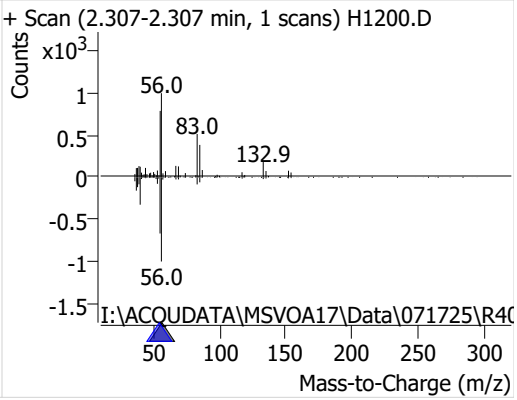




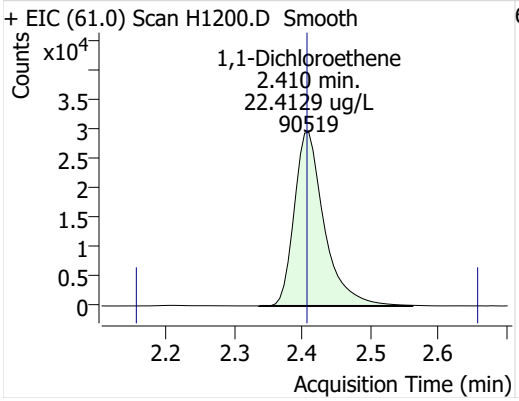
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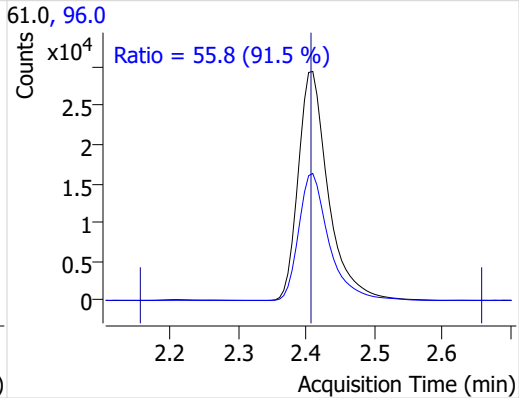


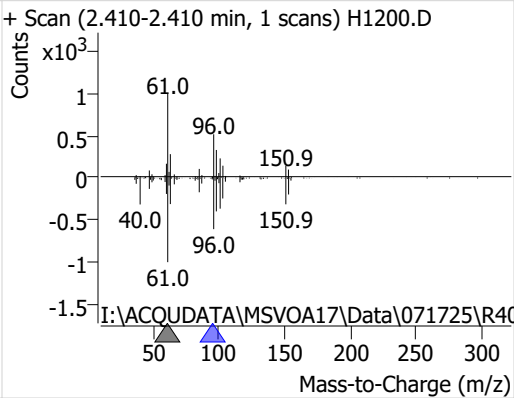




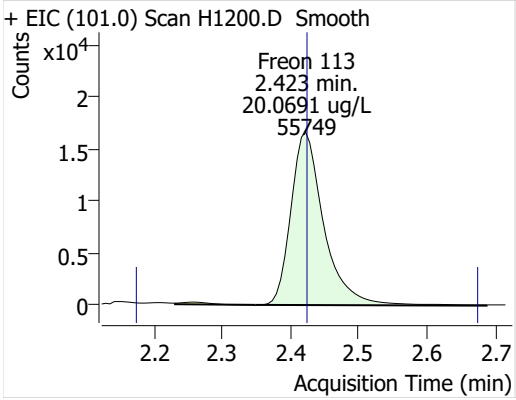
1,1-Dichloroethene

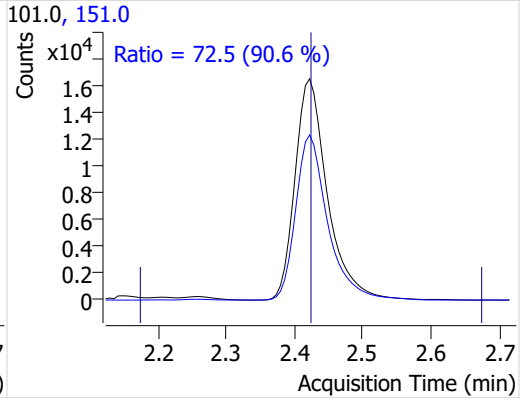


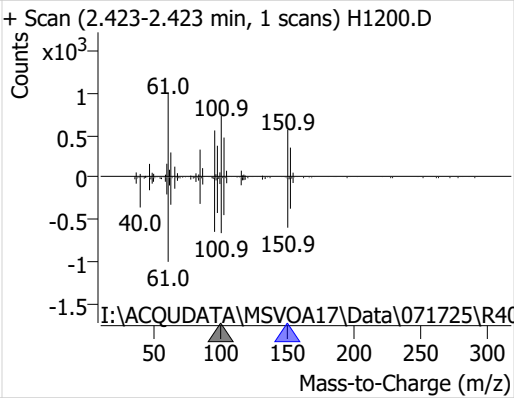




Freon 113

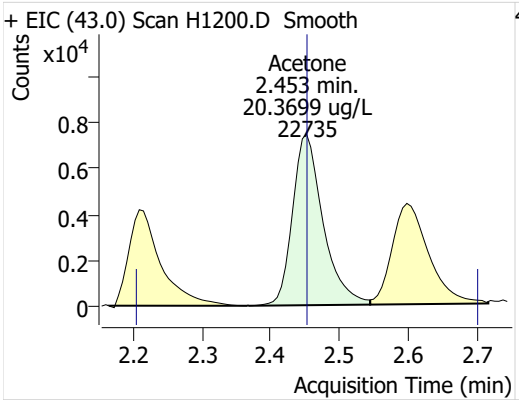


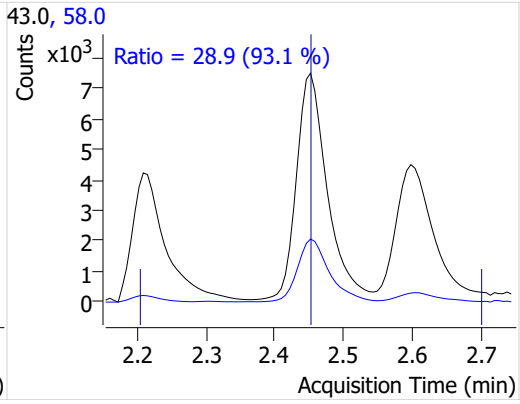


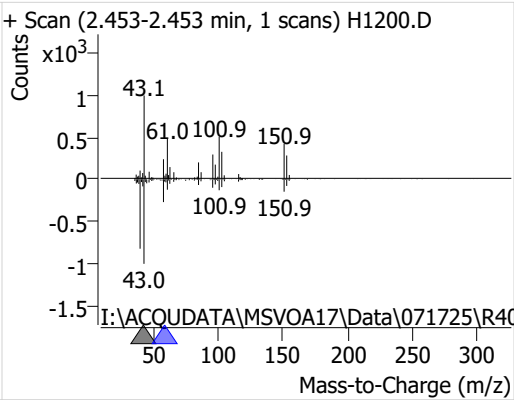


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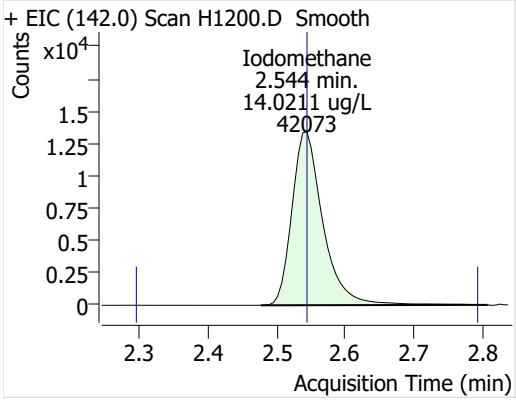
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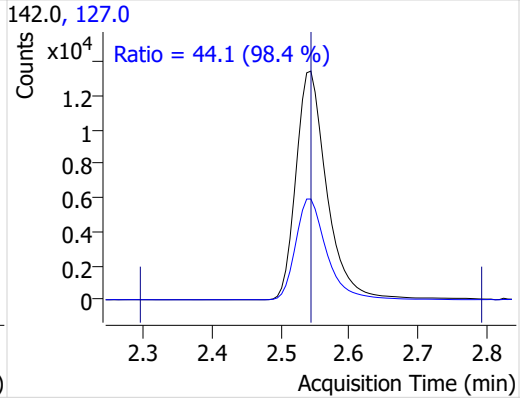


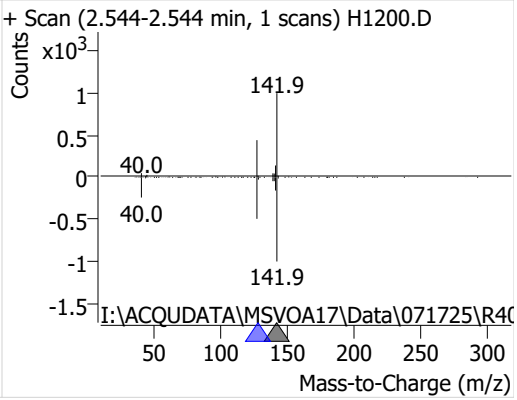




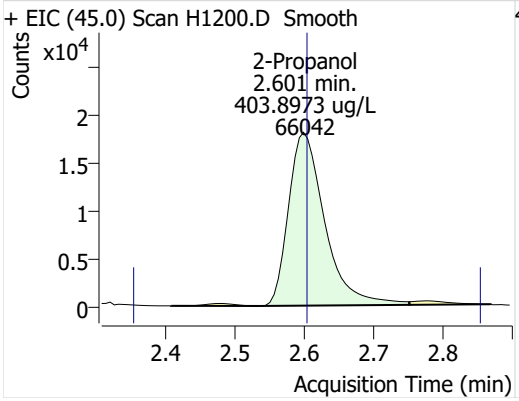
Iodomethane

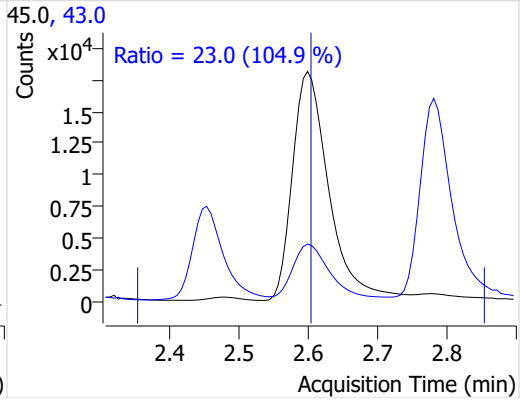


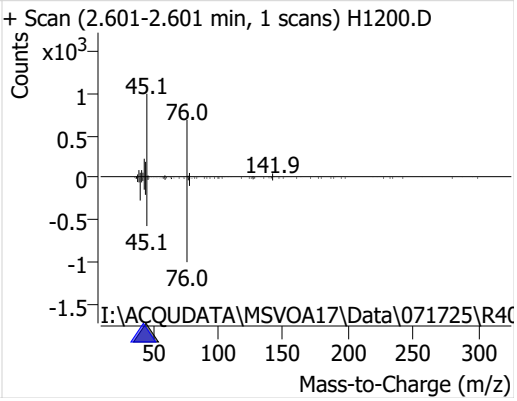




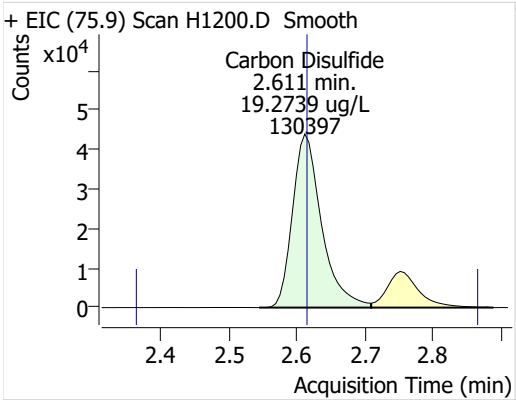
2-Propanol

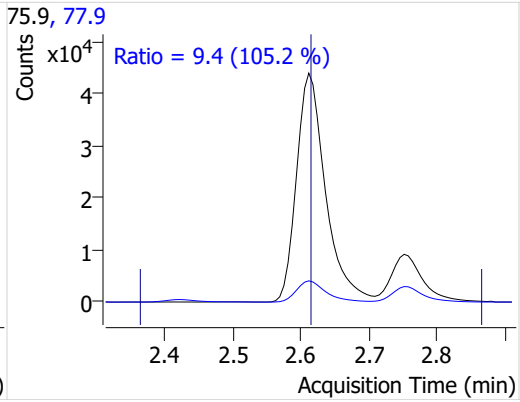


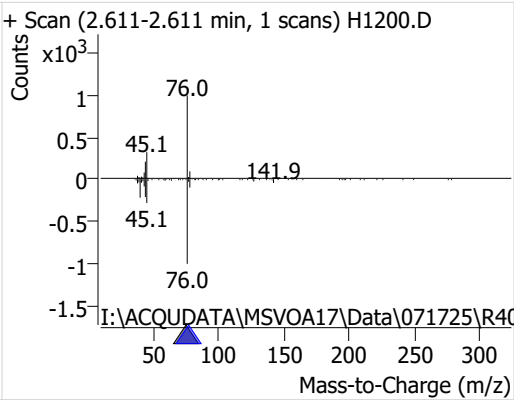




Carbon Disulfide

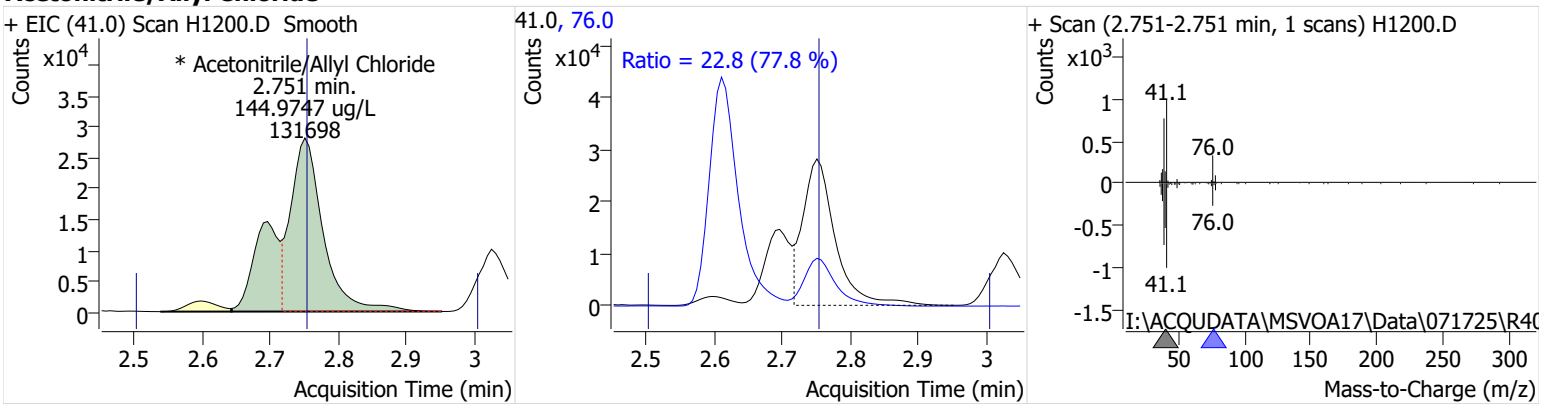




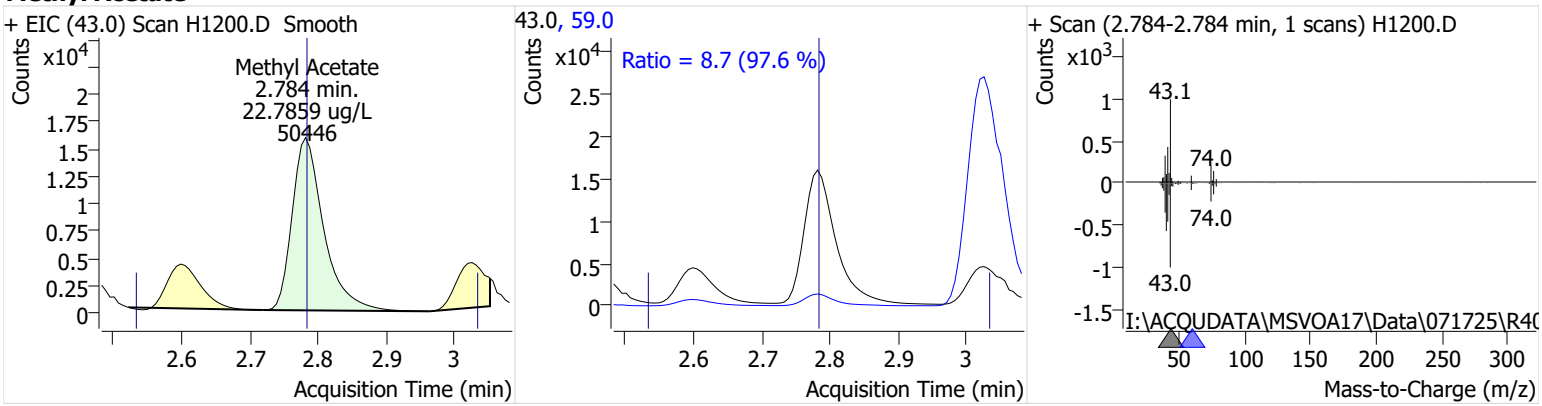


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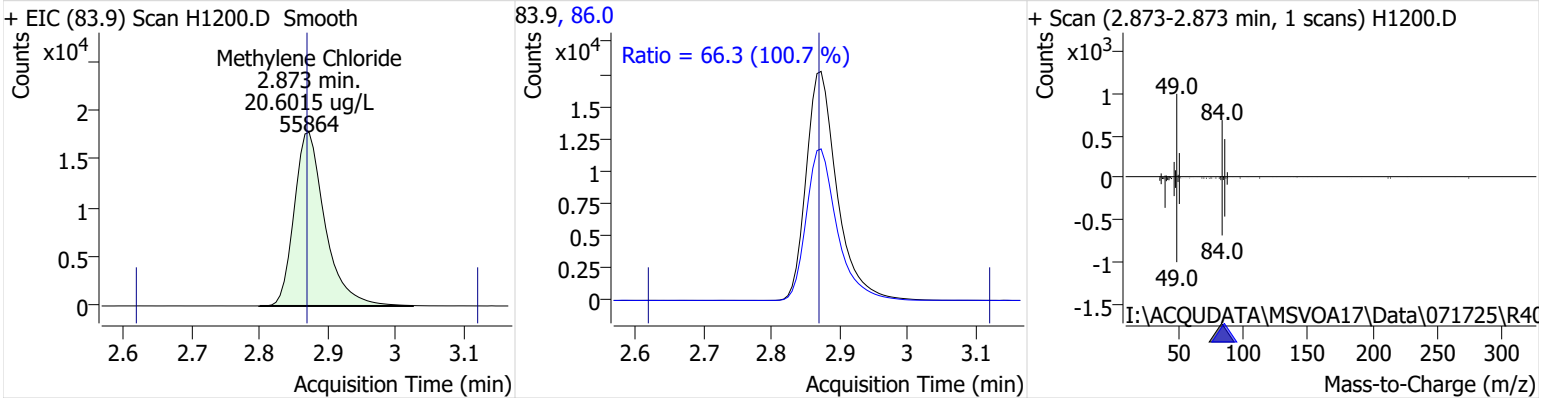
Acetonitrile/Allyl Chloride



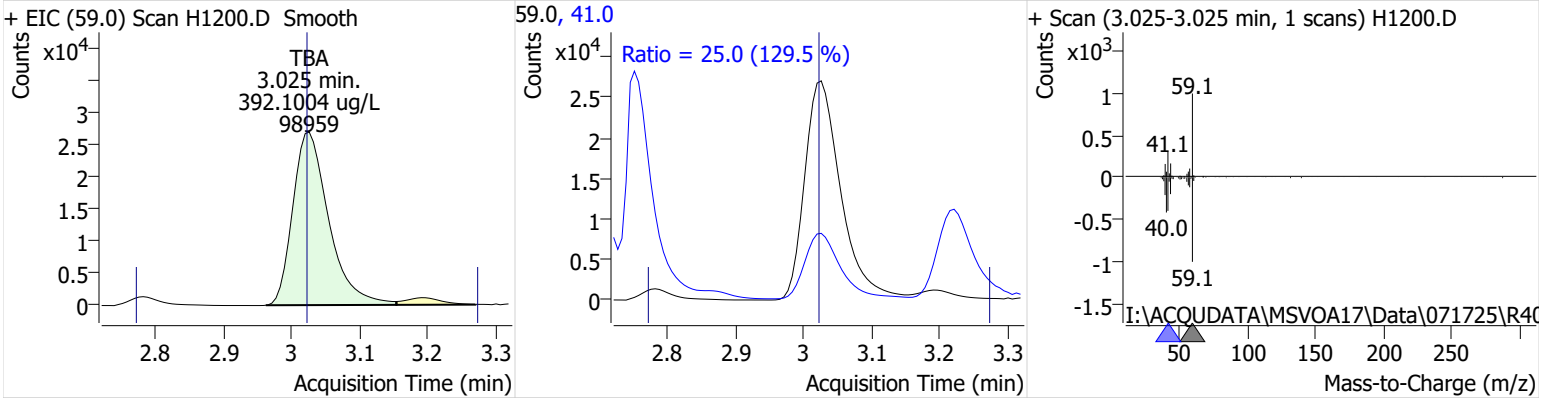
Methyl Acetate



Methylene Chloride

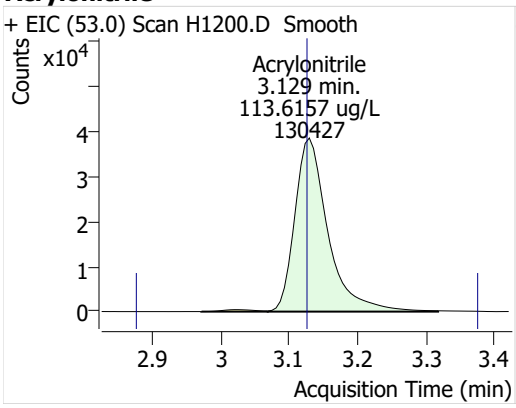


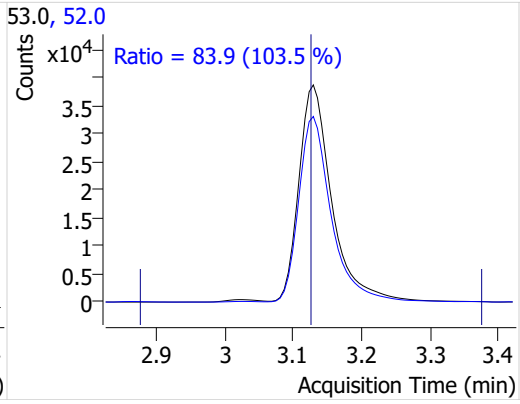
TBA

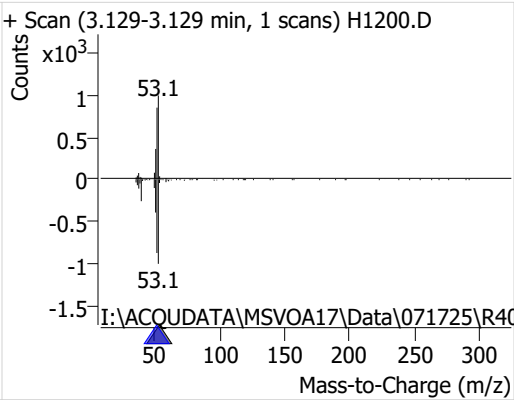


Masshunter Quantitative Analysis Sample Report

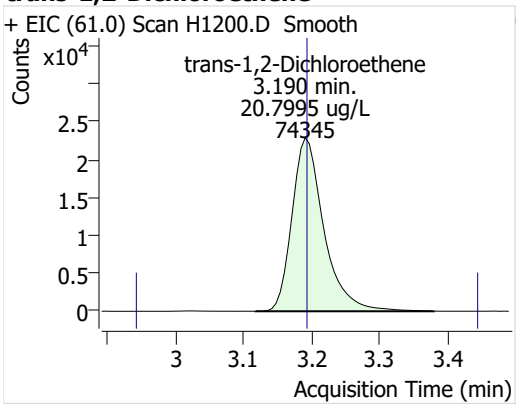
Acrylonitrile

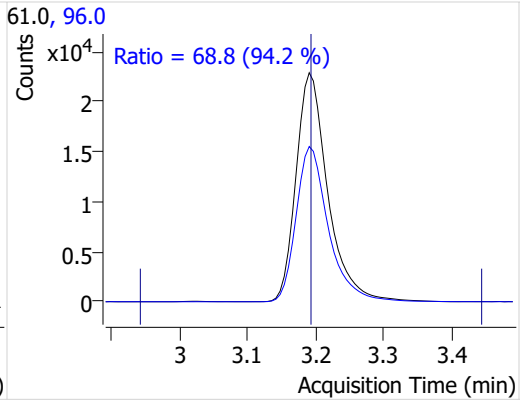


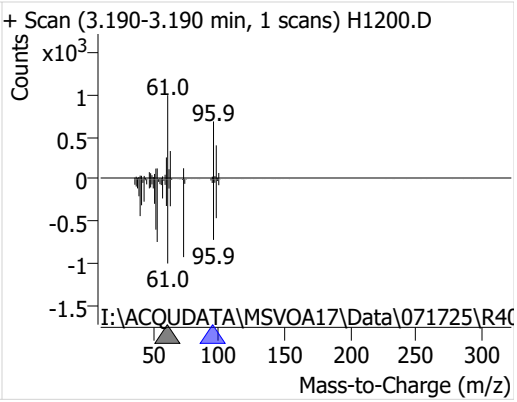




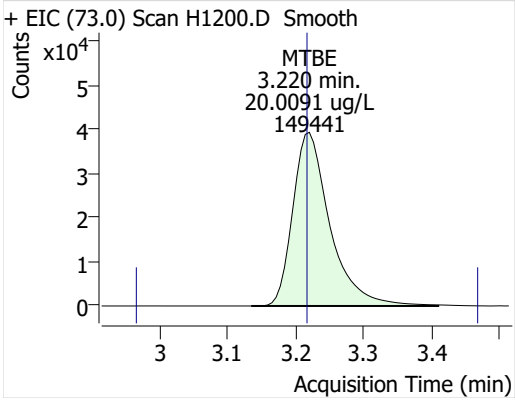
trans-1,2-Dichloroethene

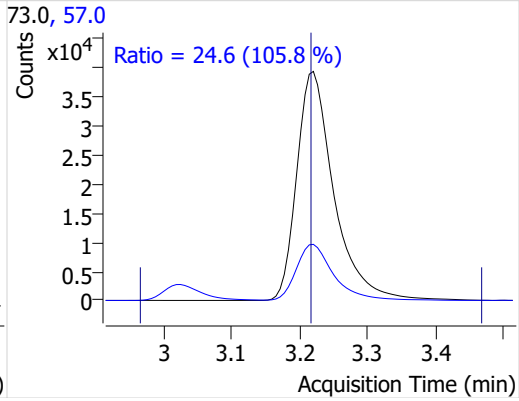


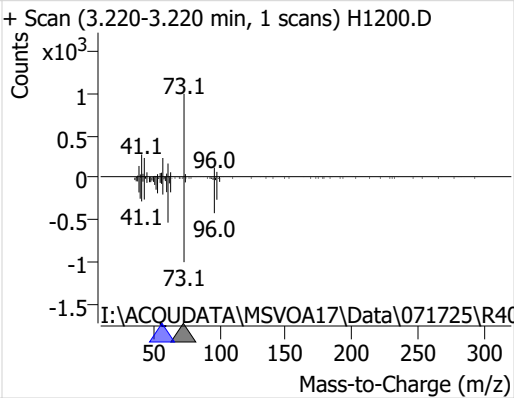




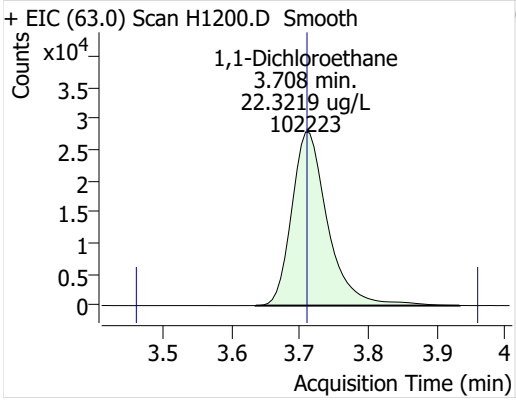
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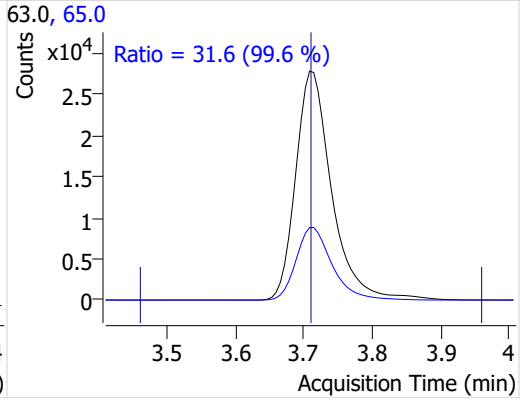


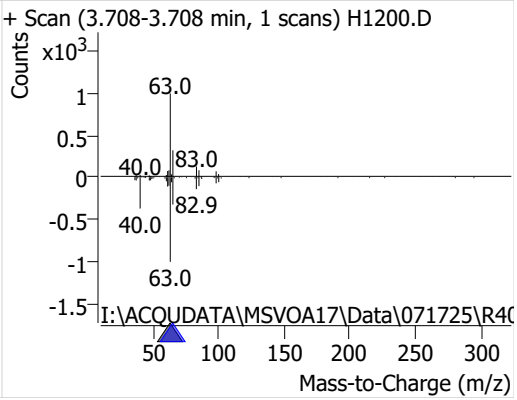




1,1-Dichloroethane

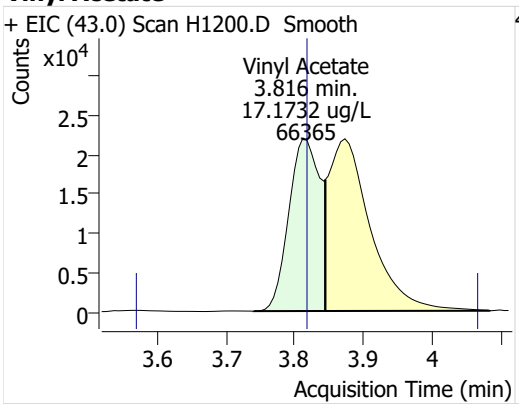


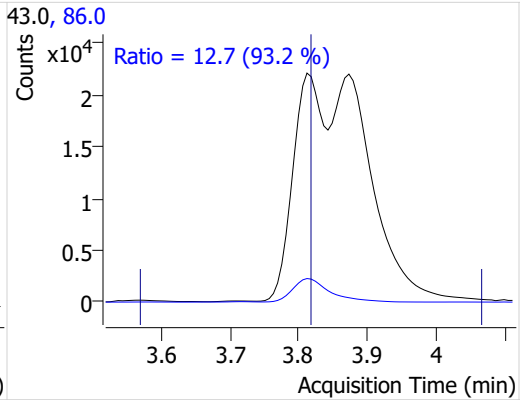


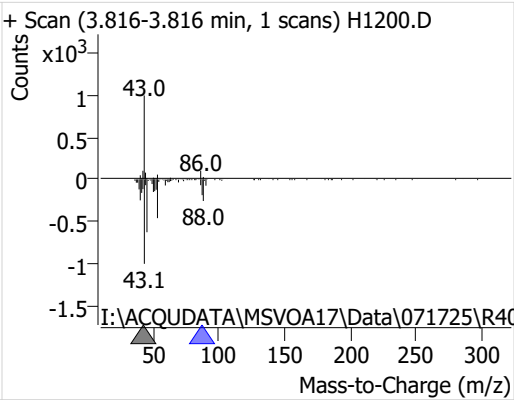


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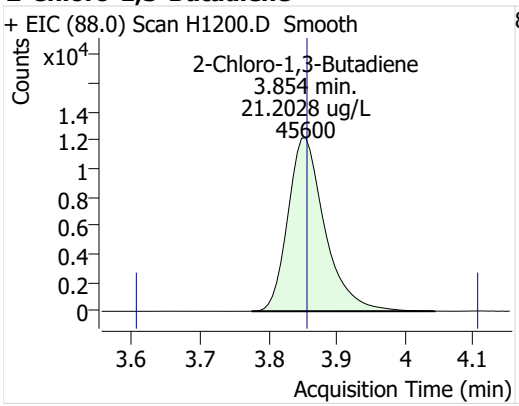
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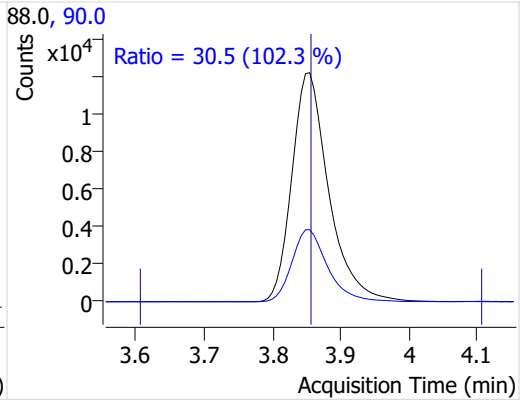


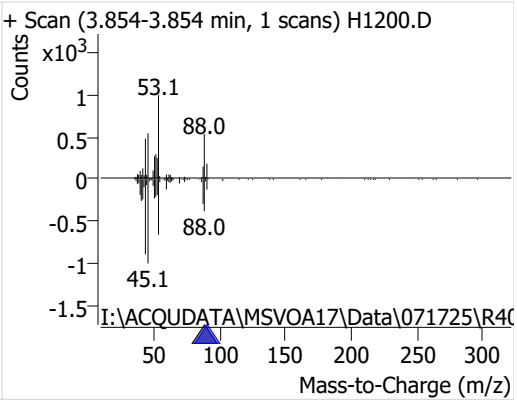




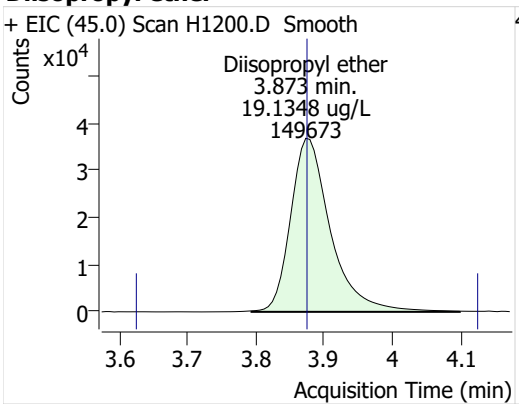
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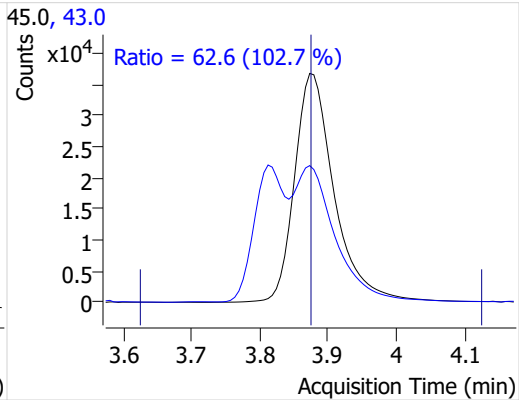


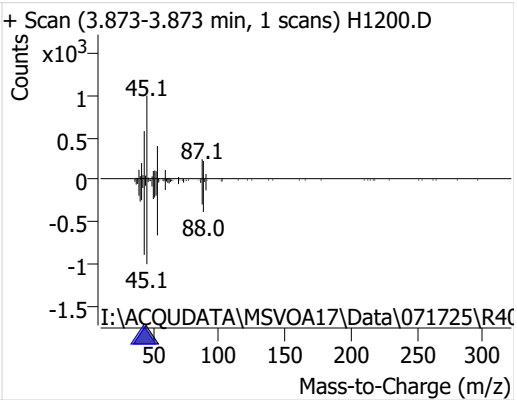




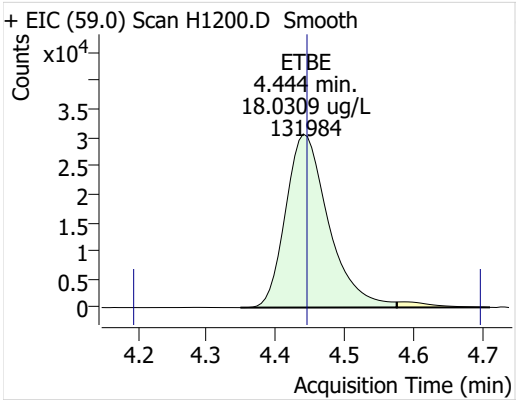
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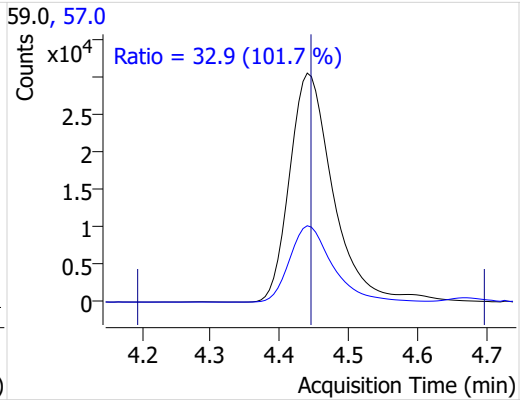


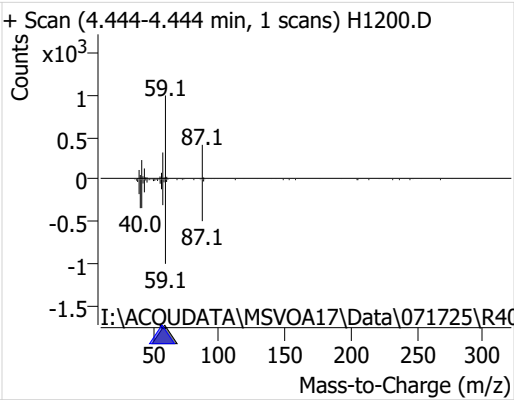




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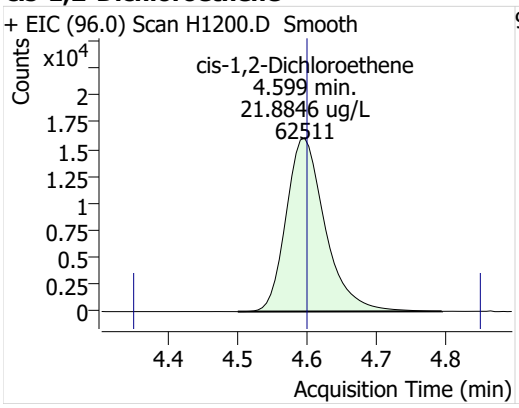


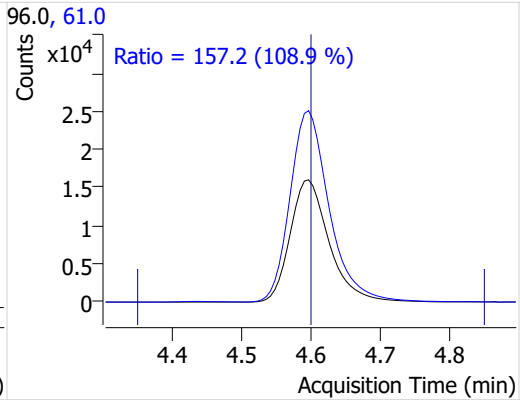


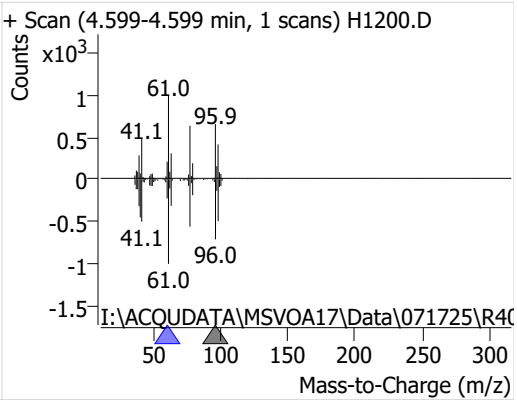


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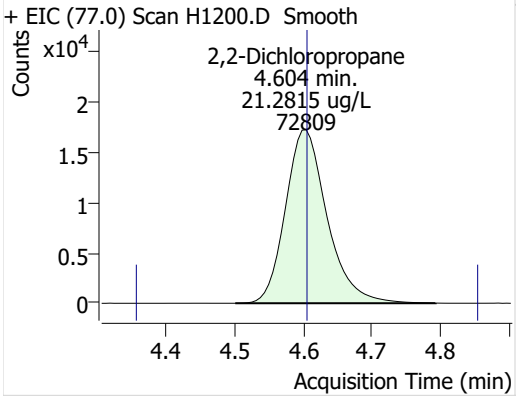
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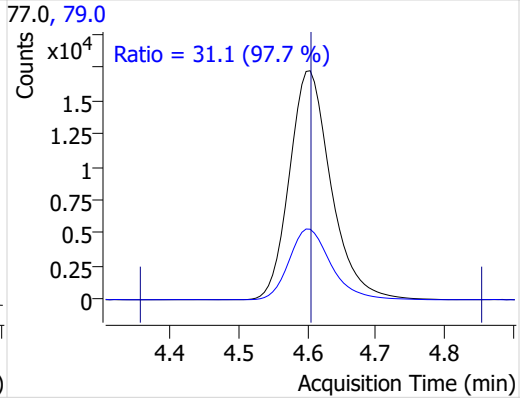


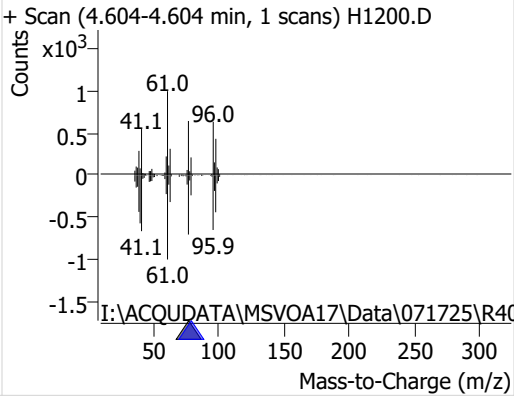




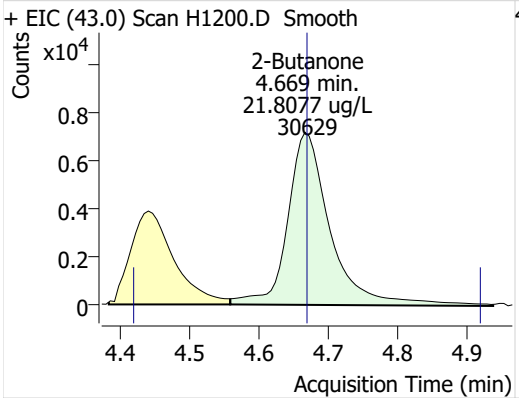
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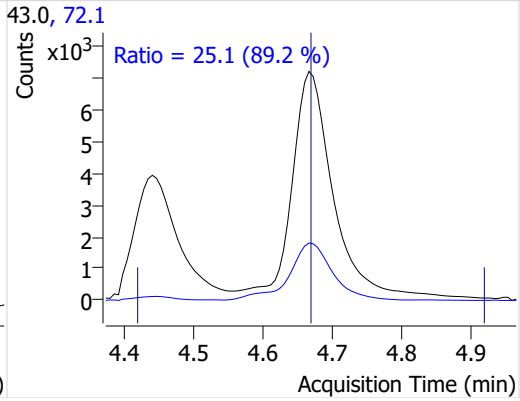


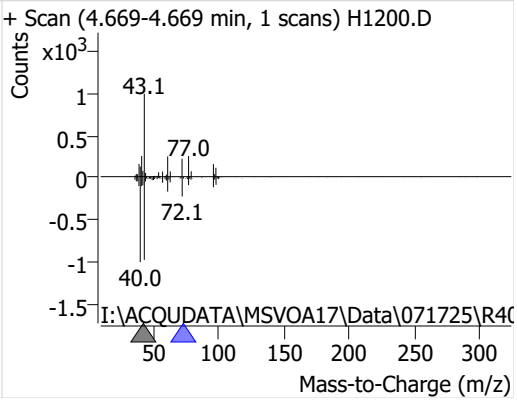




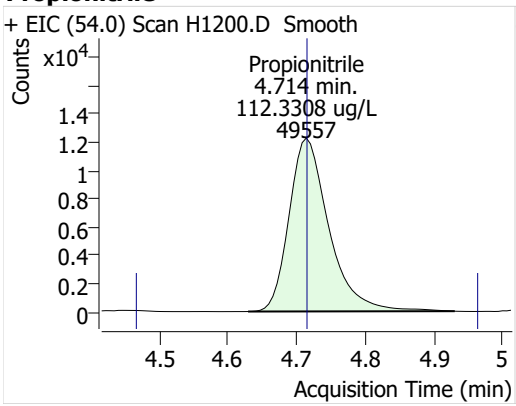
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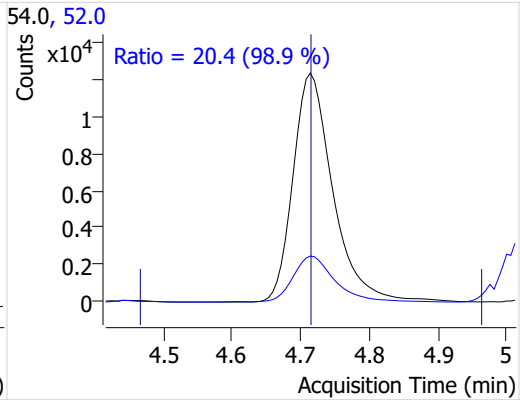


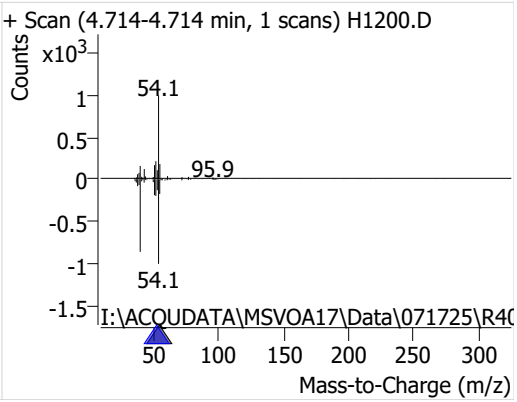




Propionitrile

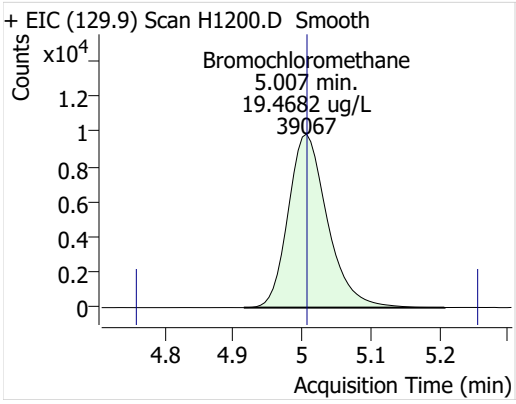


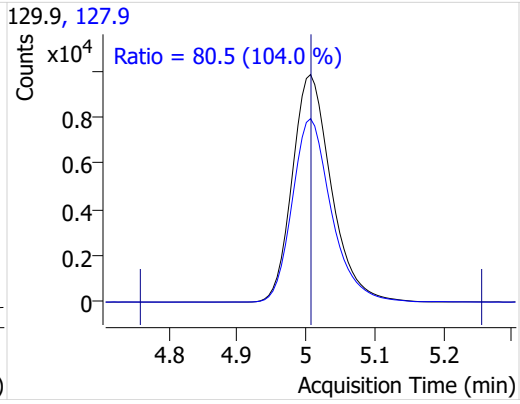


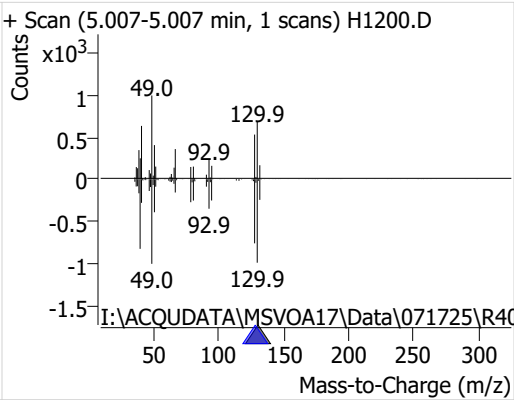


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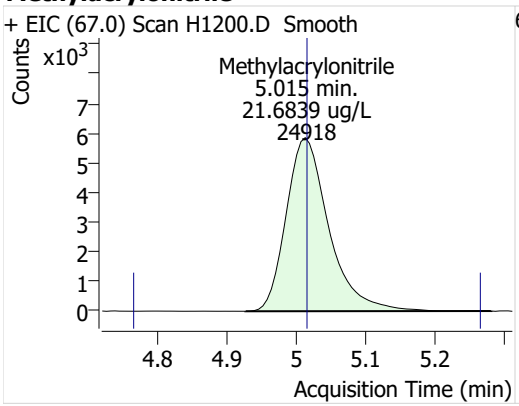
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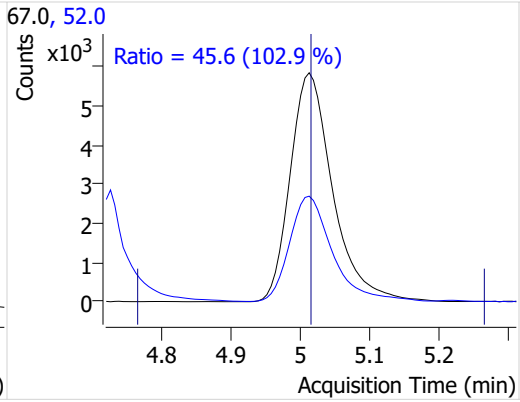


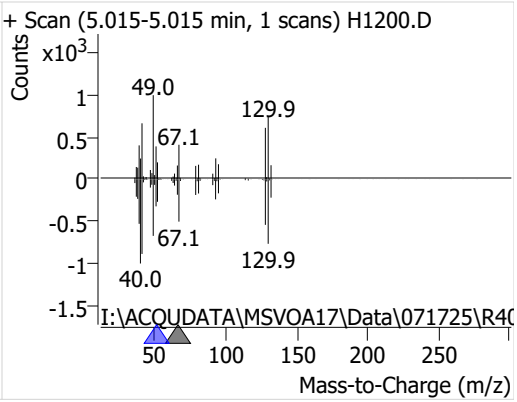




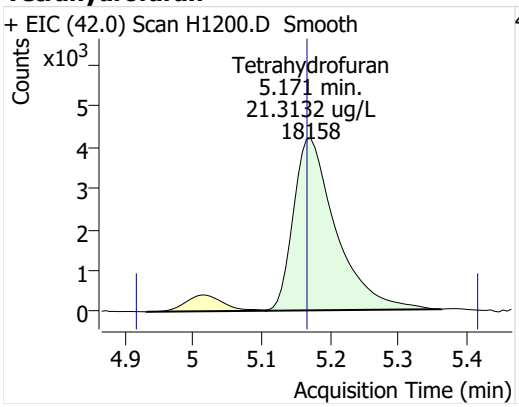
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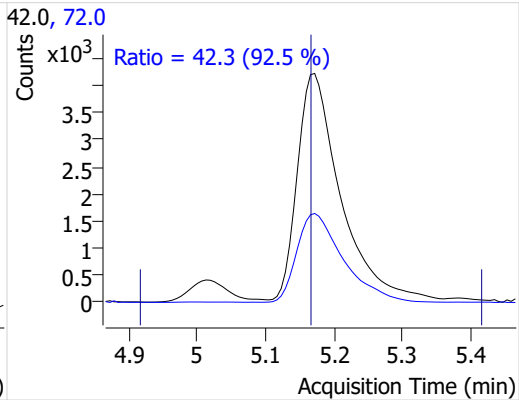


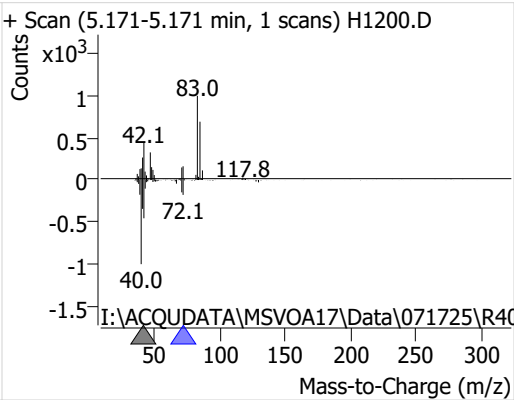




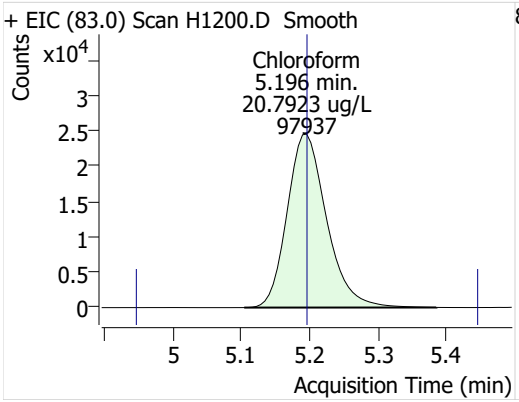
Tetrahydrofuran

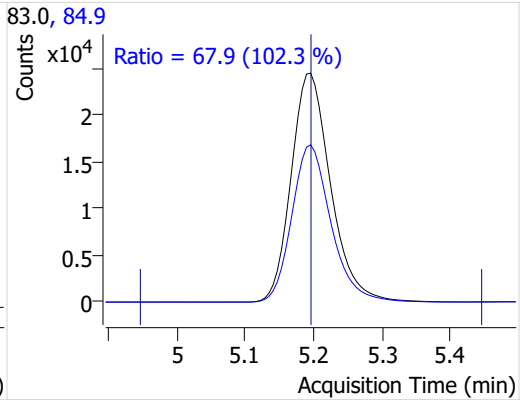


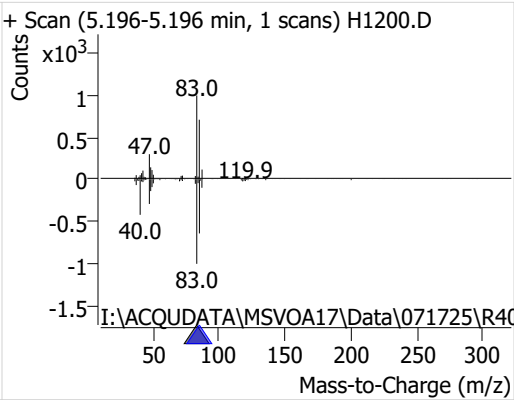




Chloroform

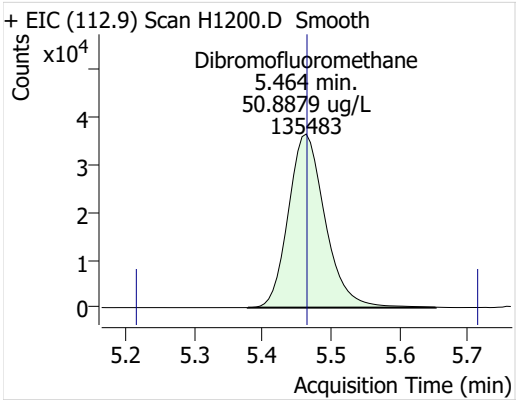


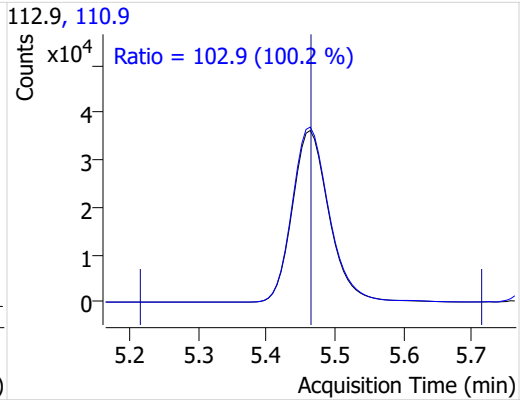


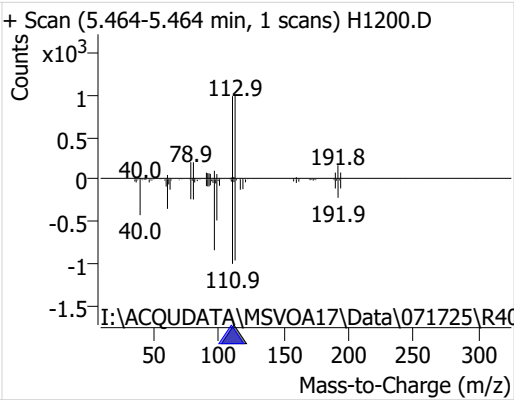


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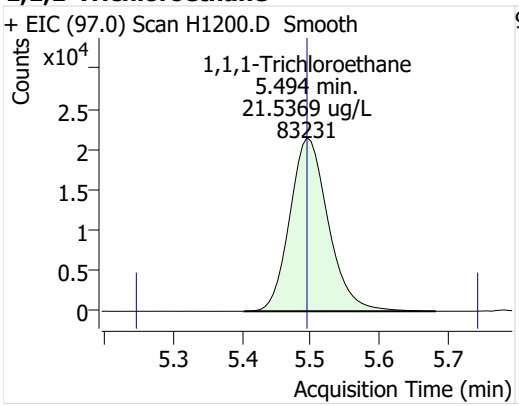
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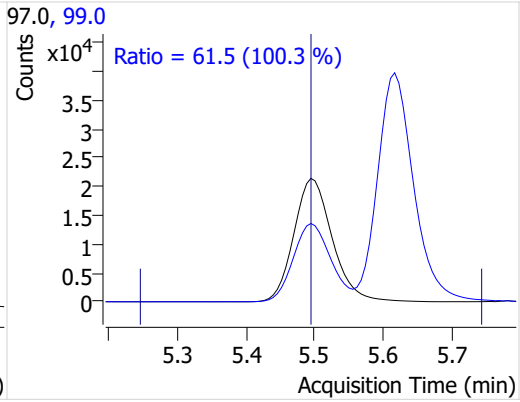


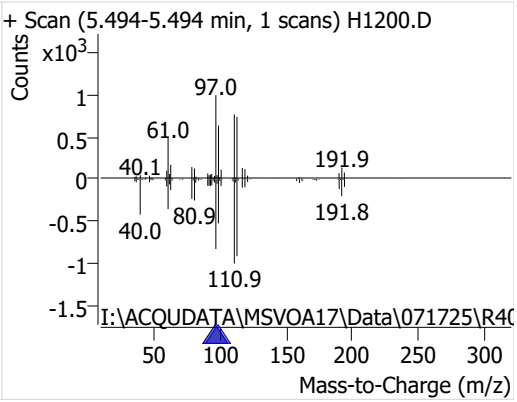




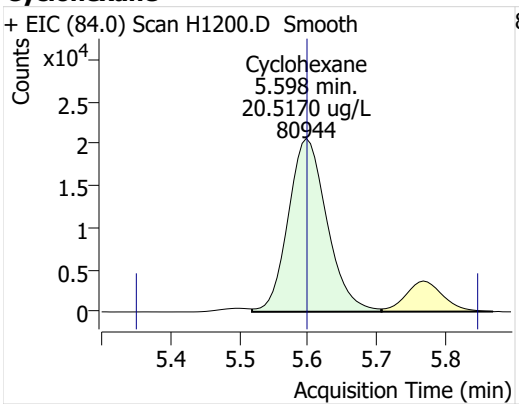
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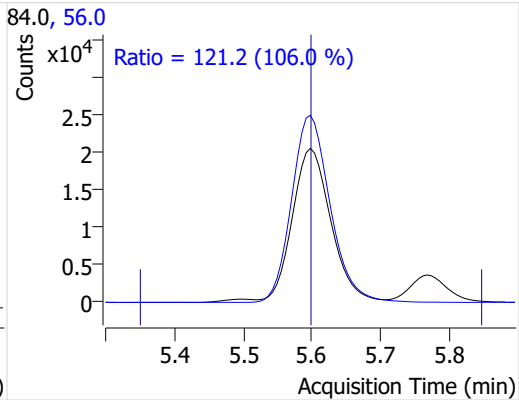


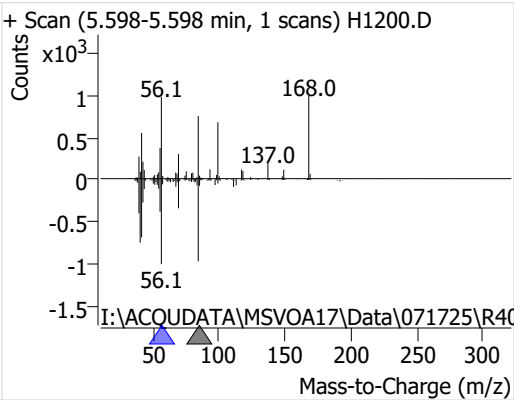




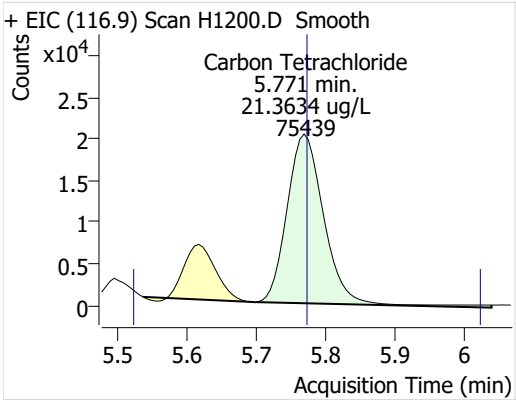
Cyclohexane

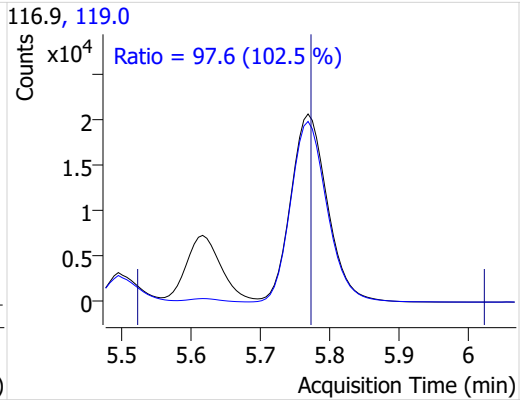


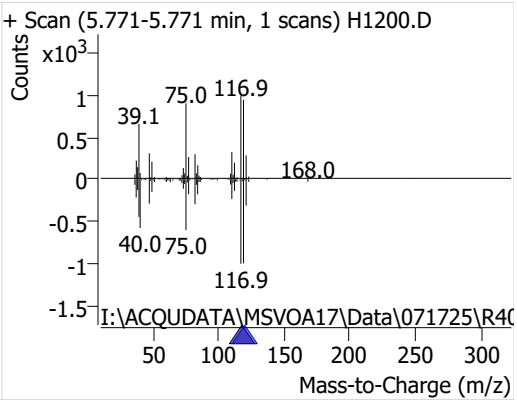




Carbon Tetrachloride

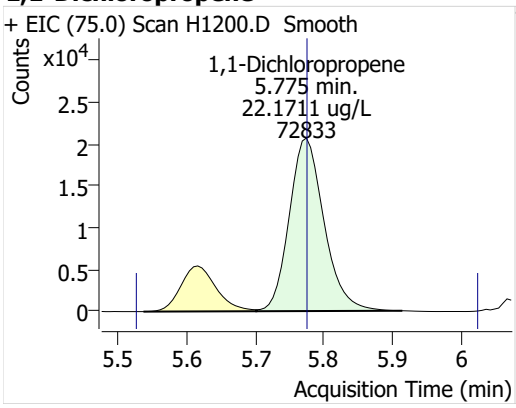


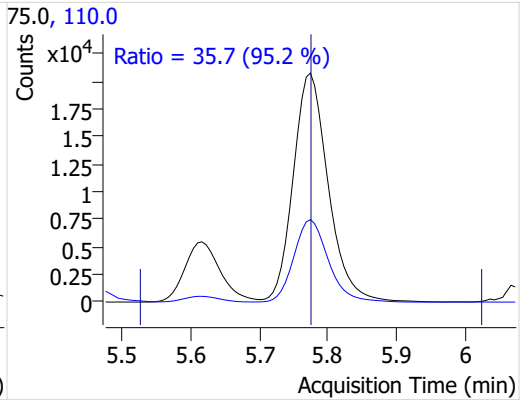


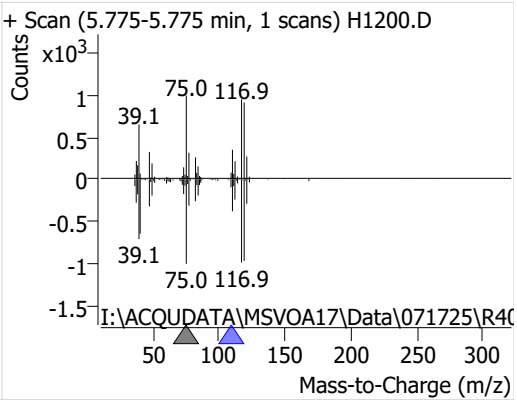


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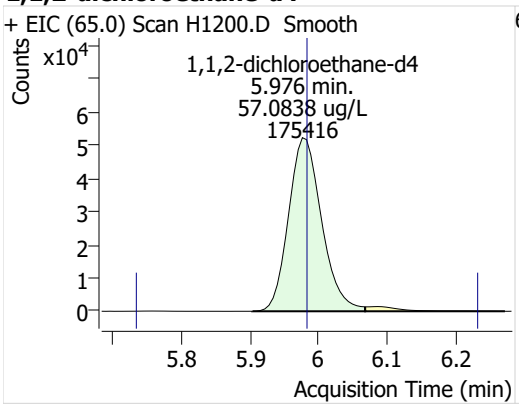
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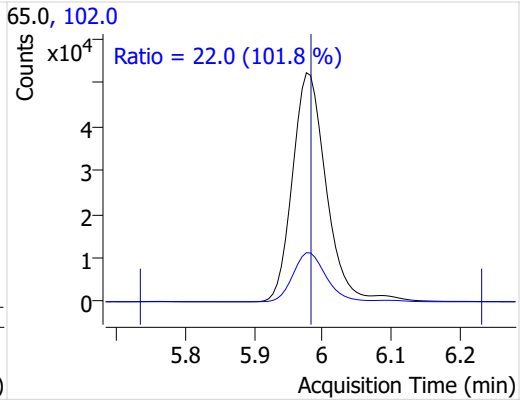


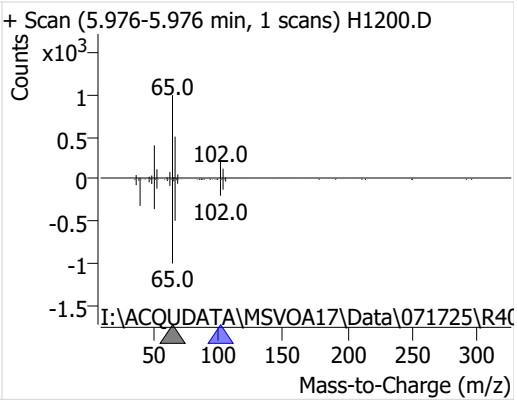




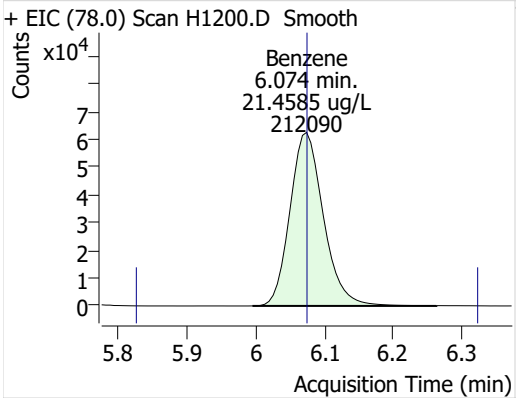
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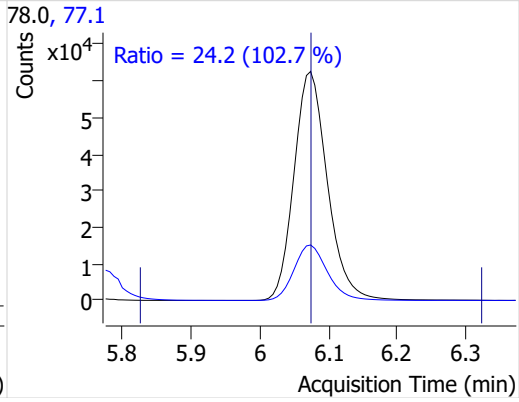


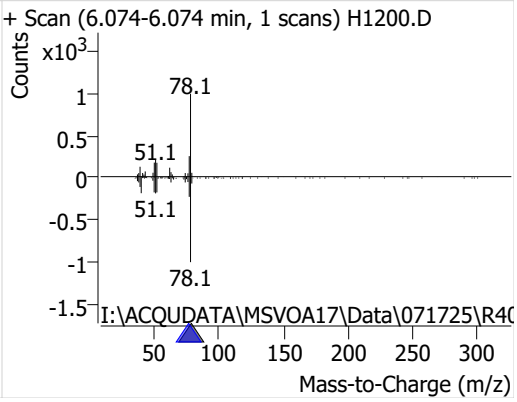




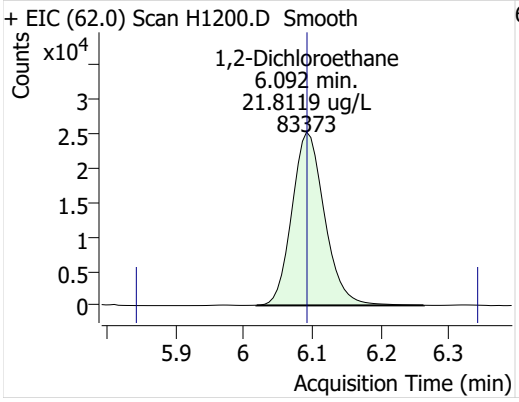
Benzene

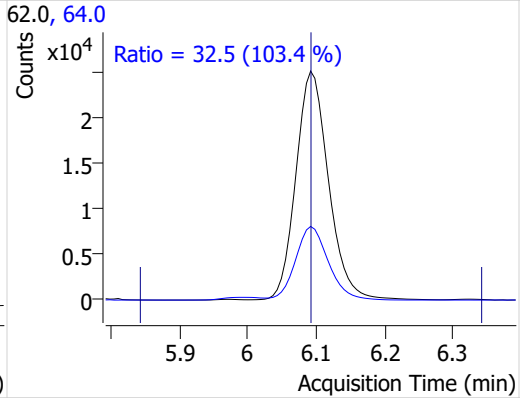


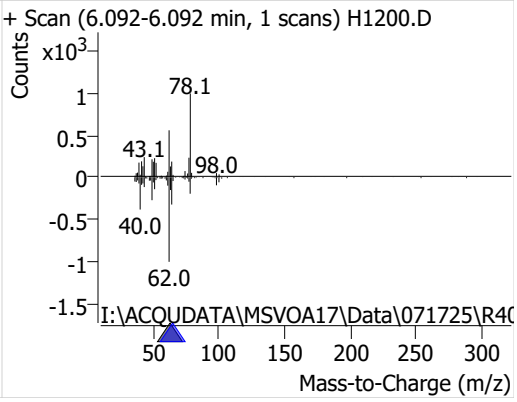




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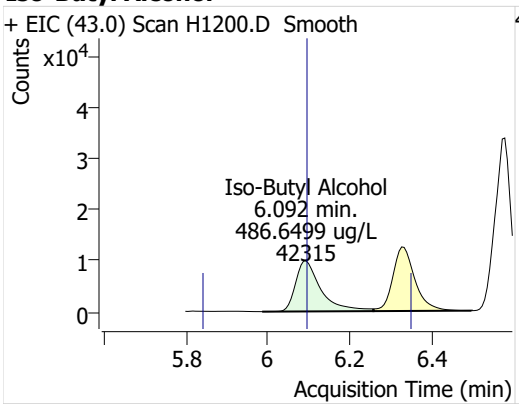


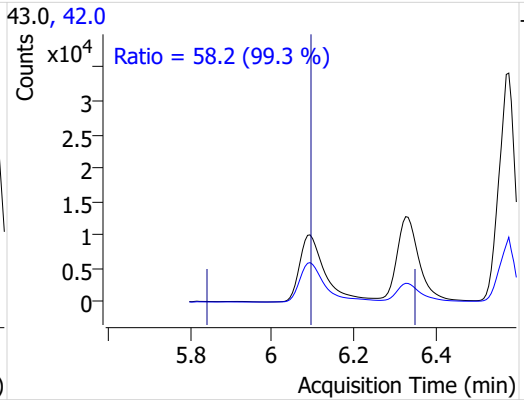


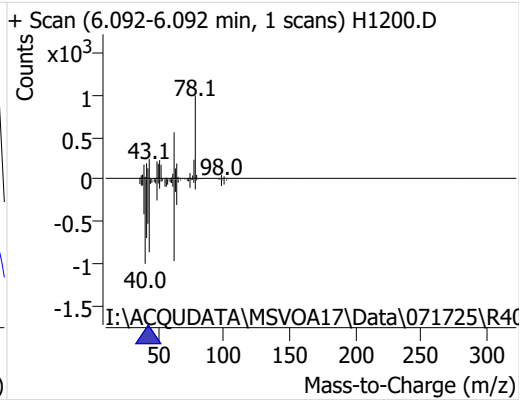


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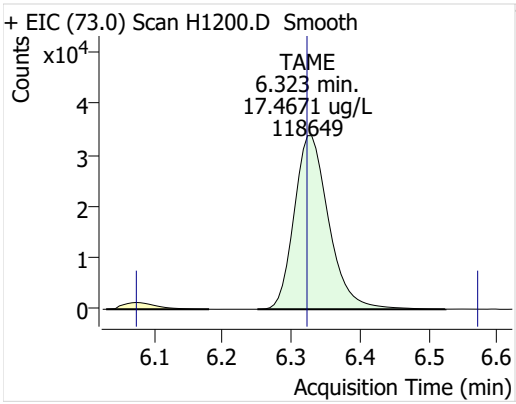
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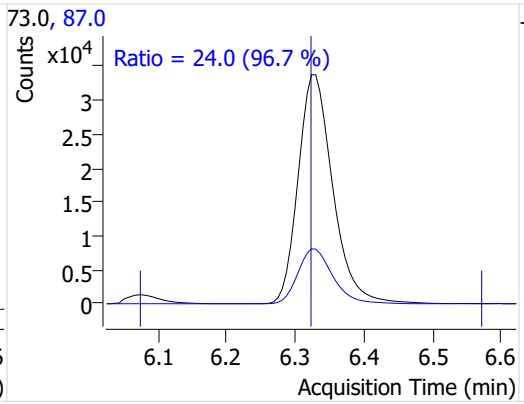


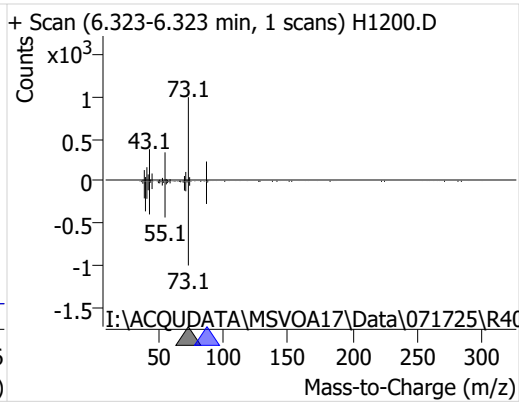




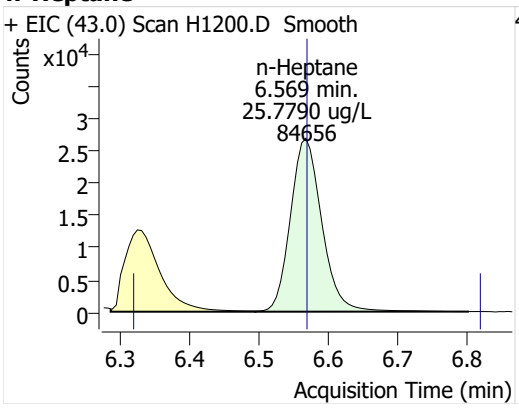
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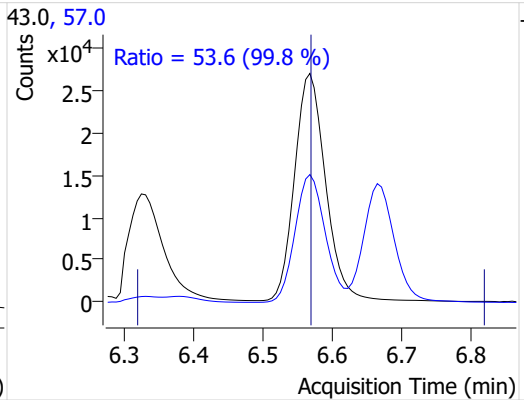


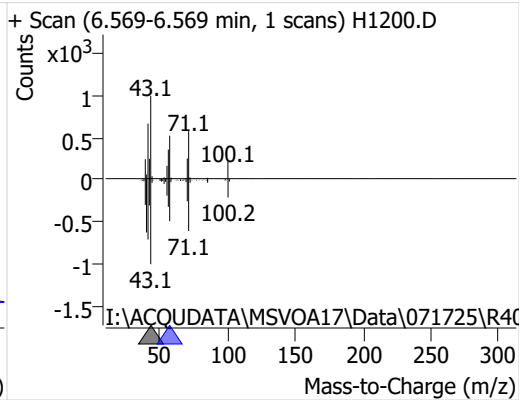




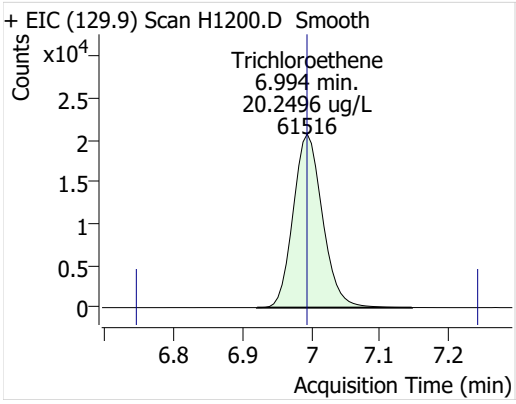
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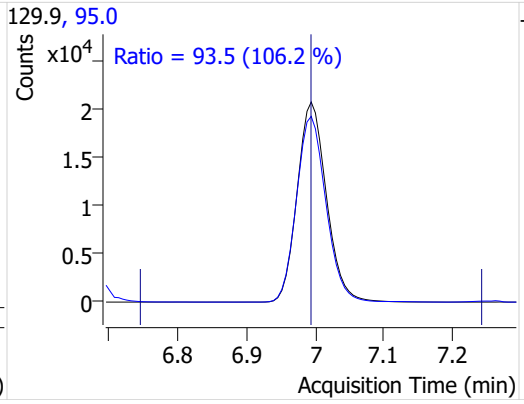


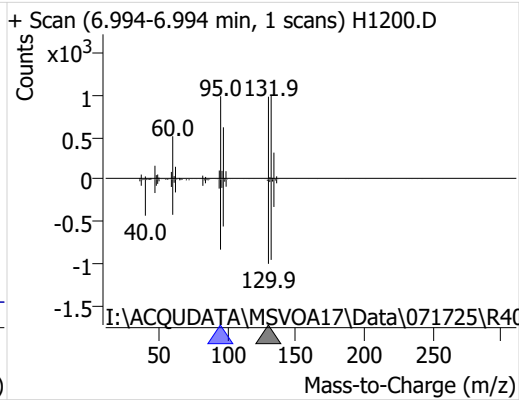




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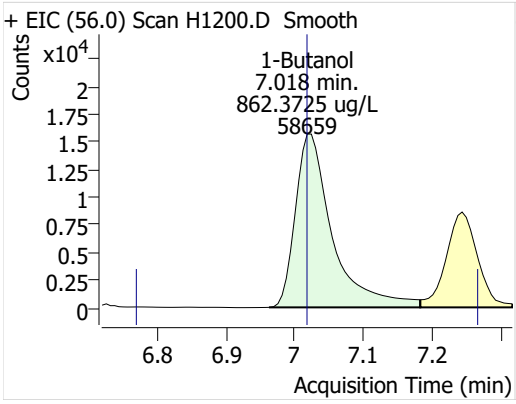


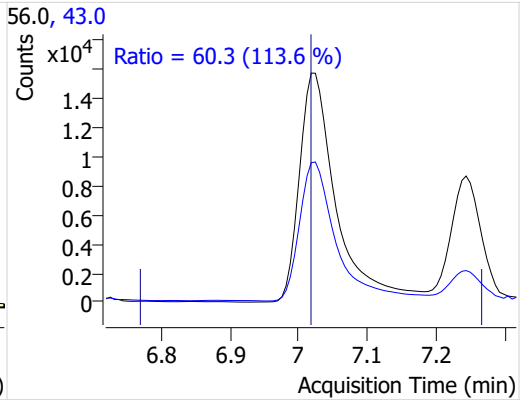


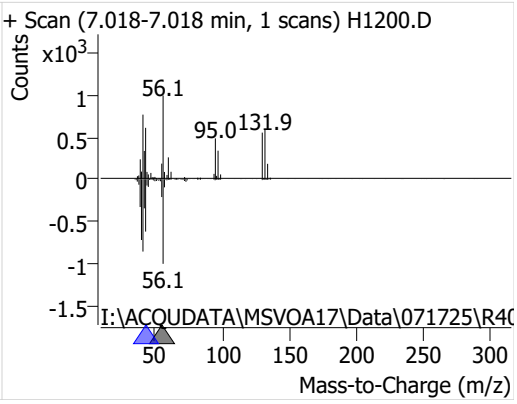


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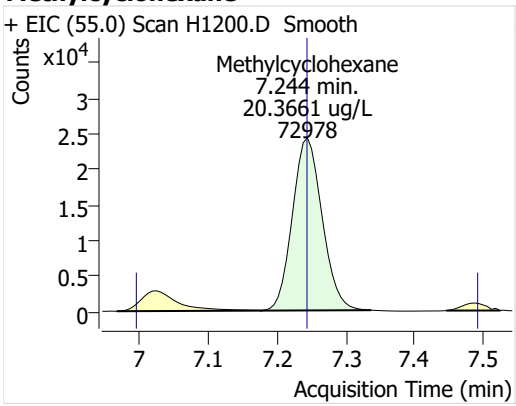
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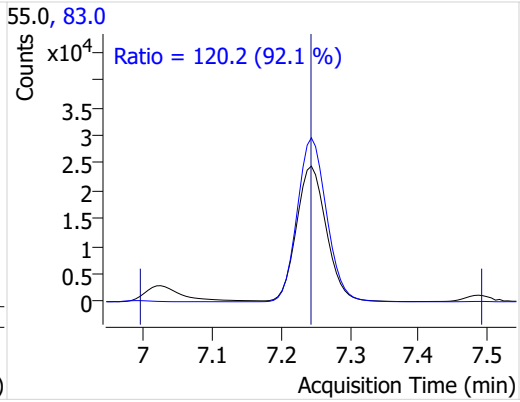


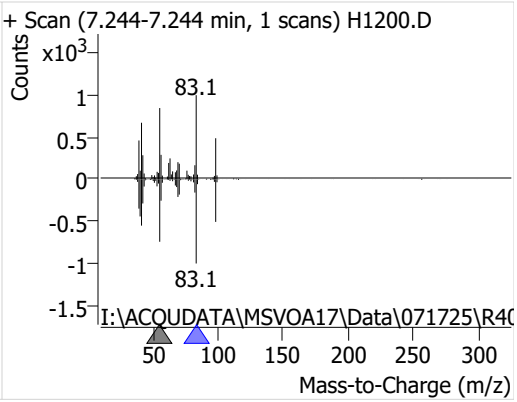




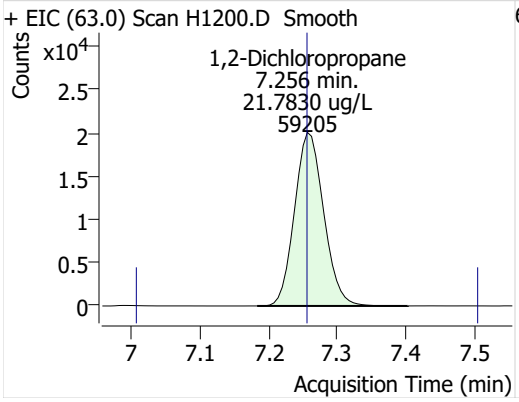
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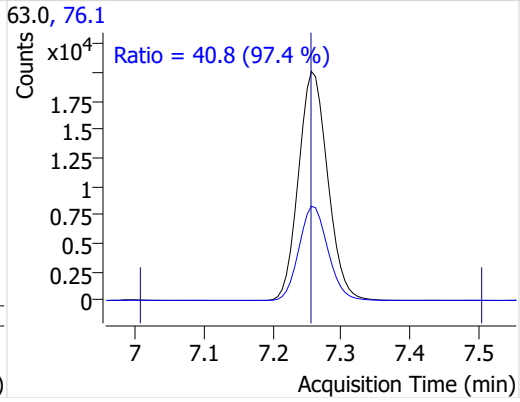


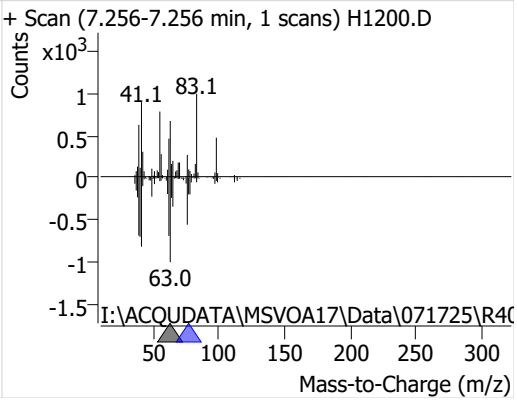




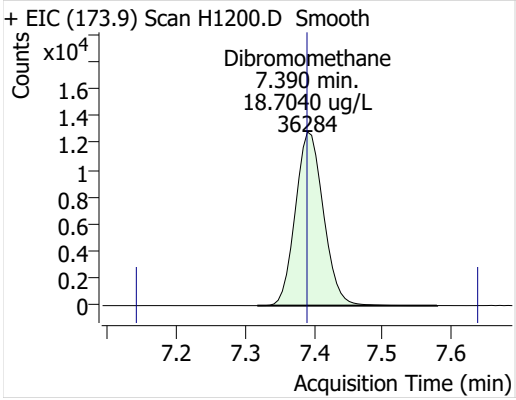
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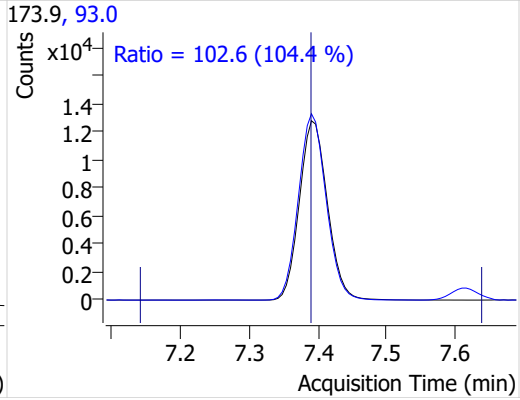


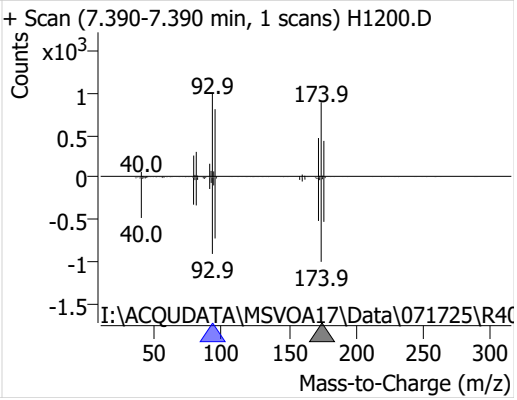




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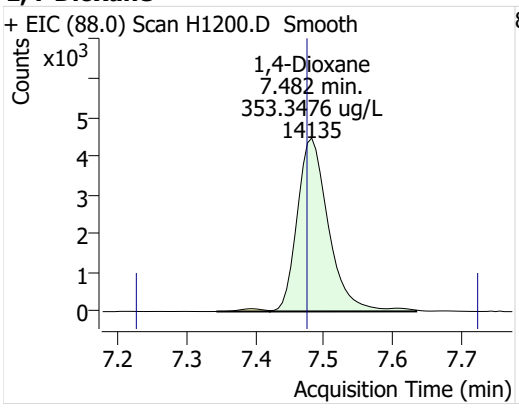


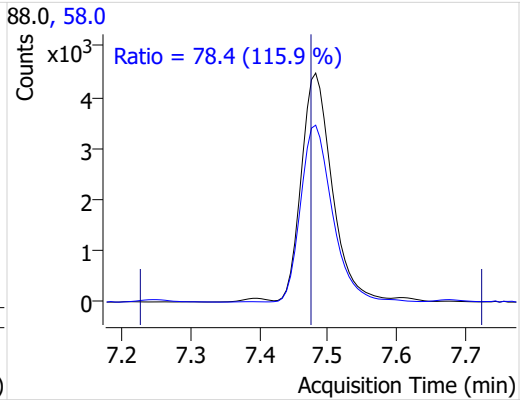


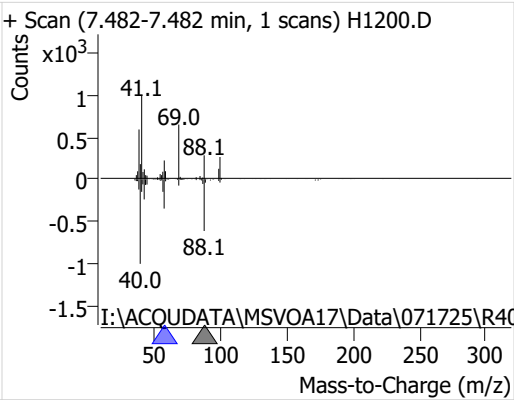


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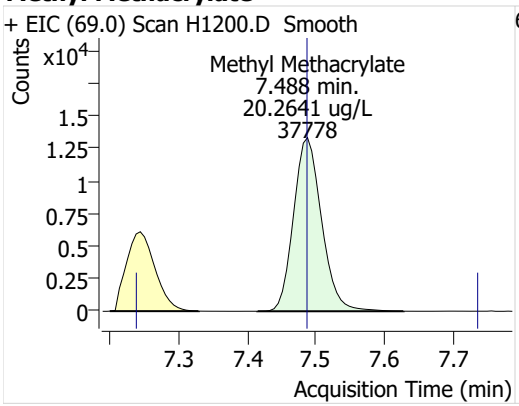
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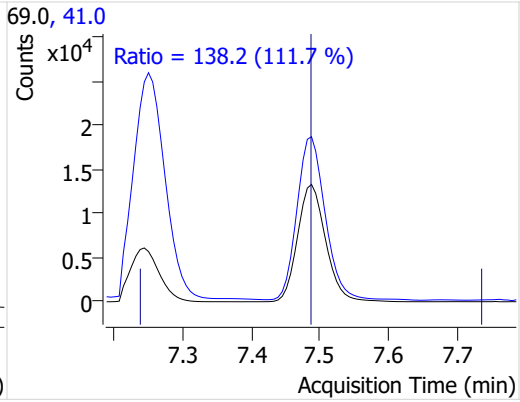


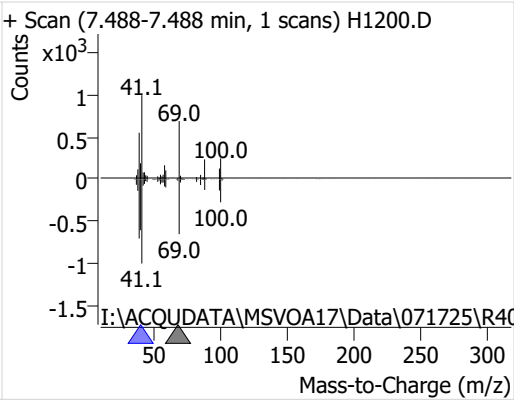




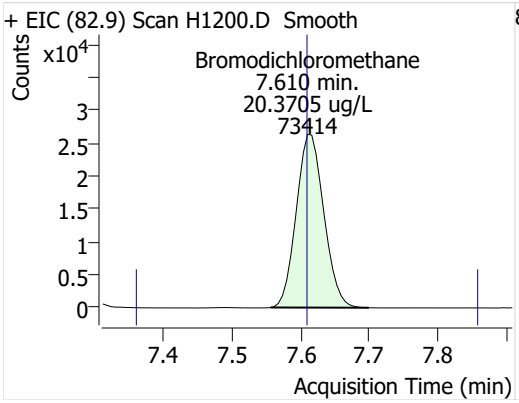
Methyl Methacrylate

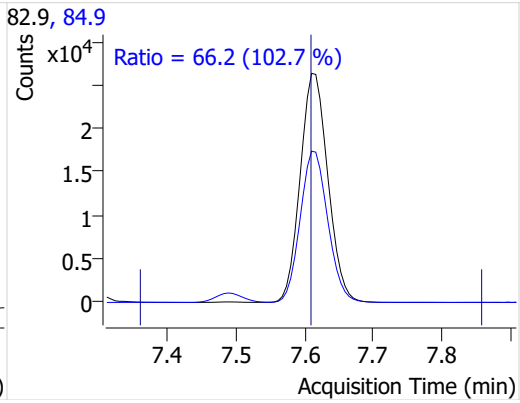


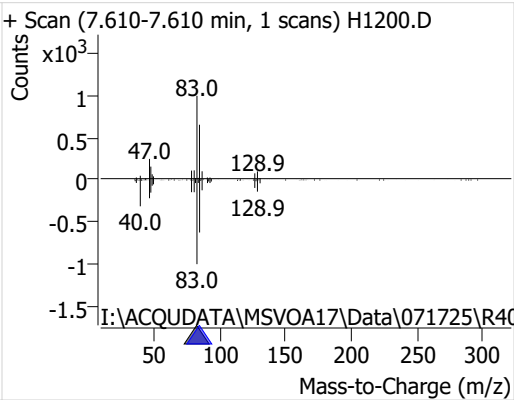




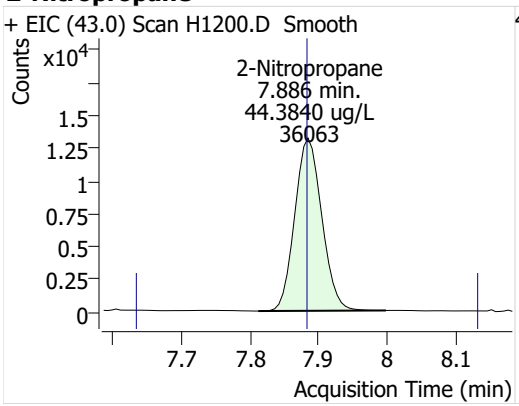
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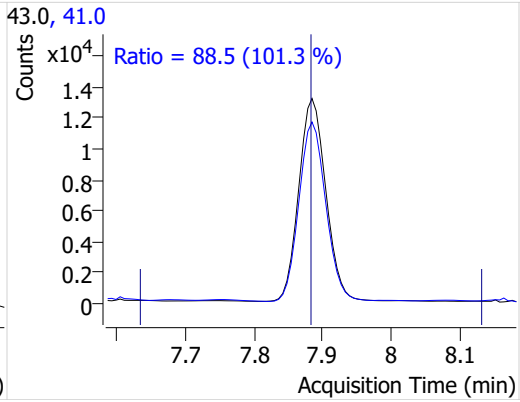


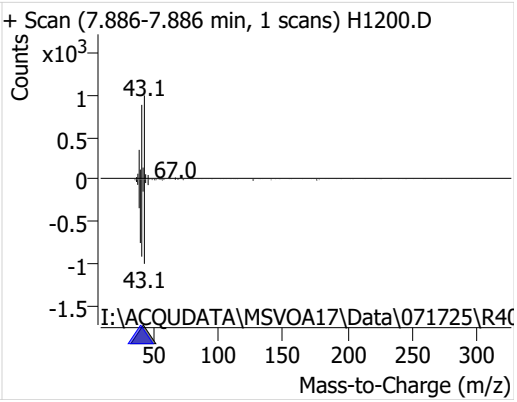




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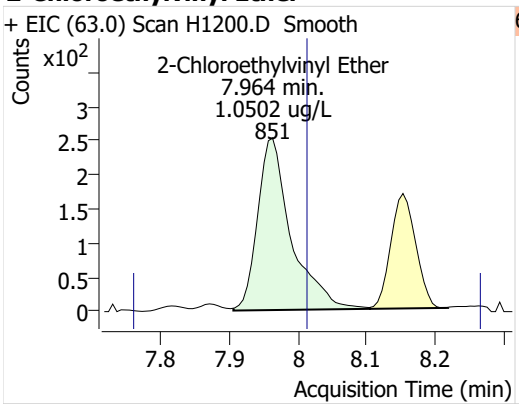


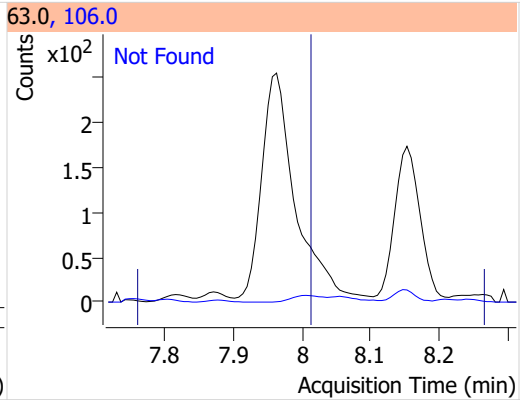


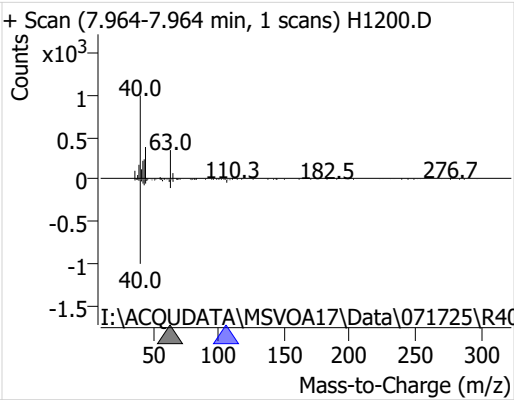


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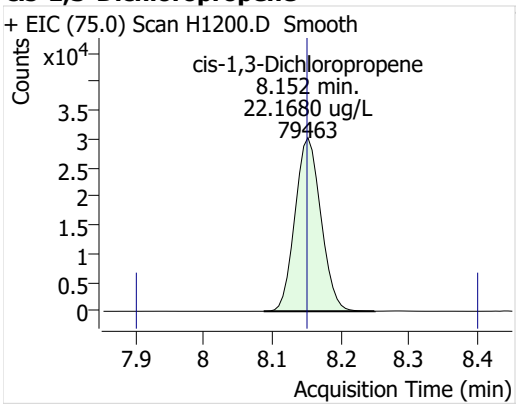
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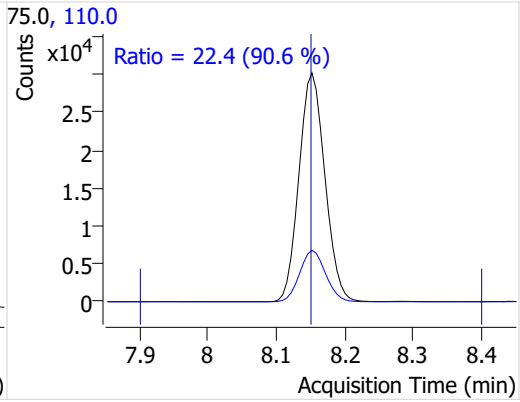


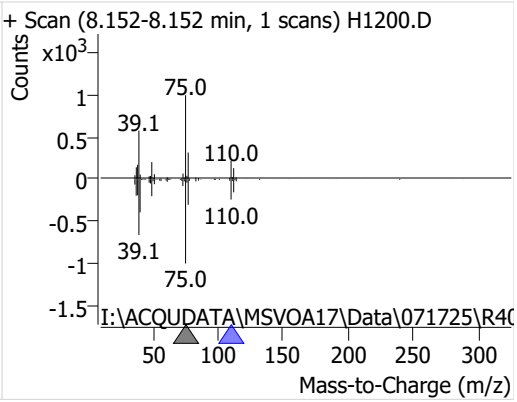




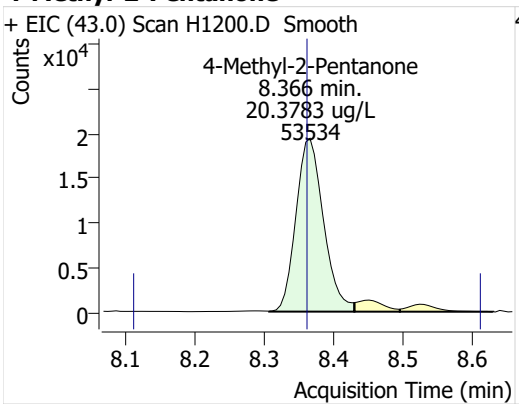
cis-1,3-Dichloropropene

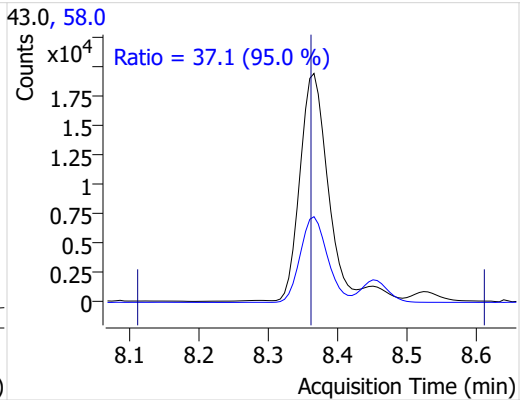


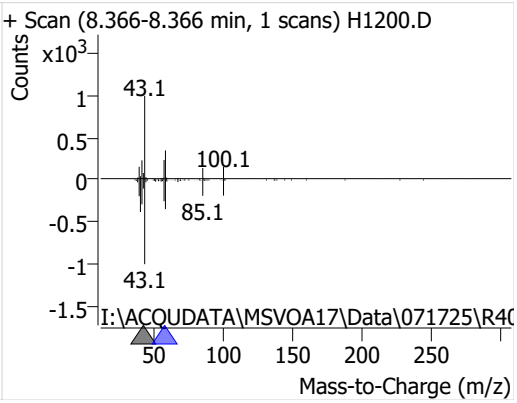




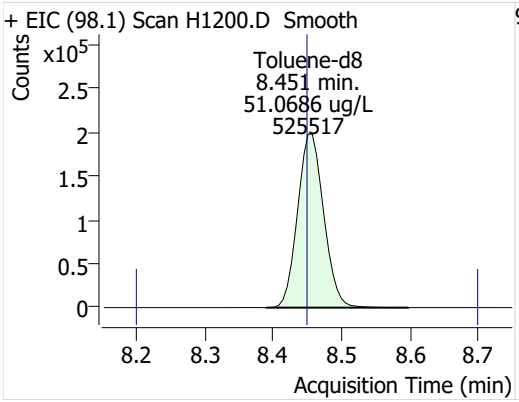
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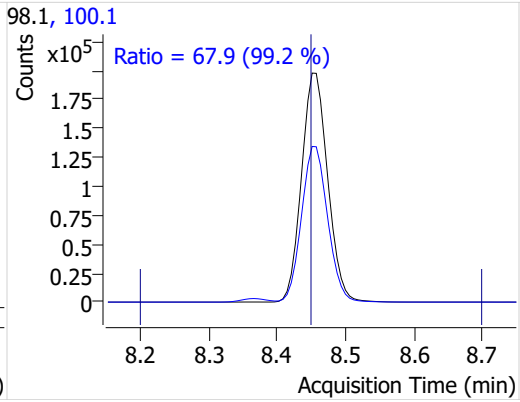


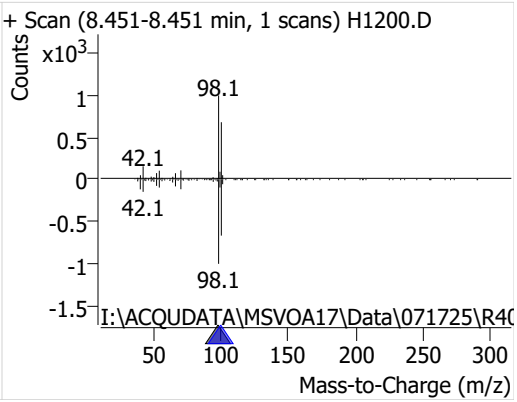




Toluene-d8

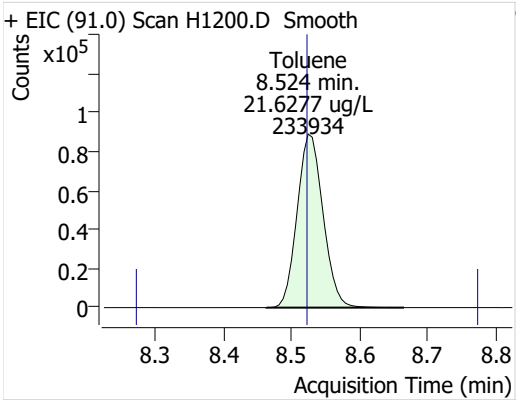


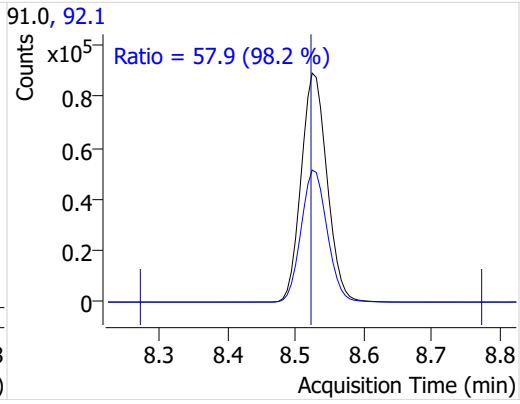


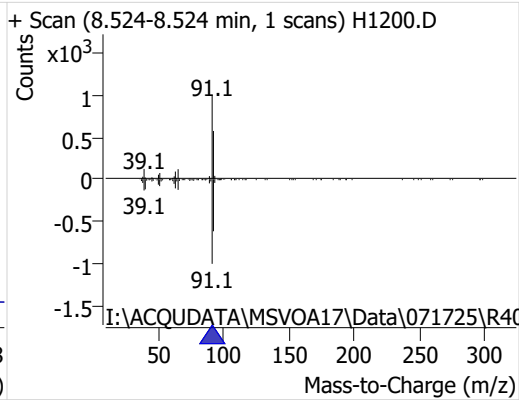


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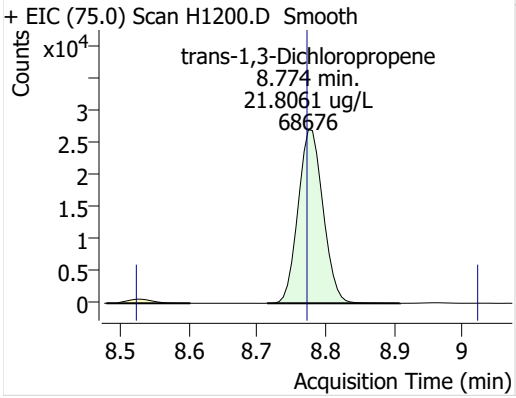
Toluene

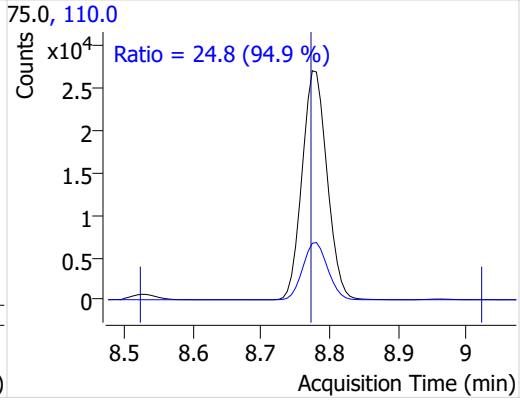


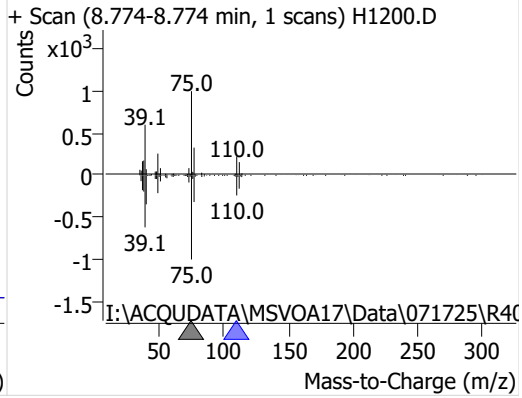




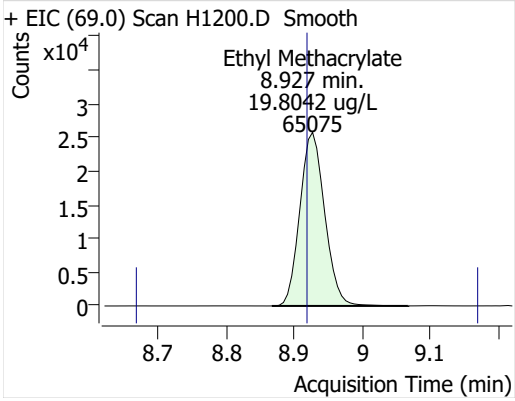
trans-1,3-Dichloropropene

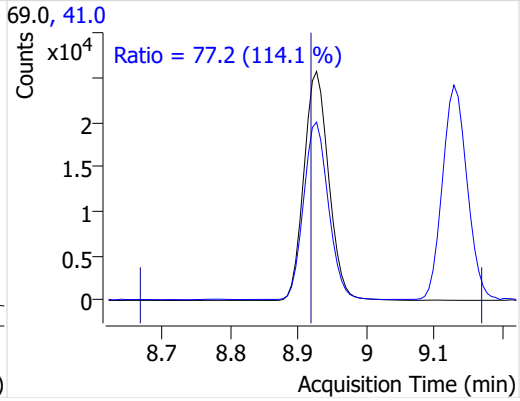


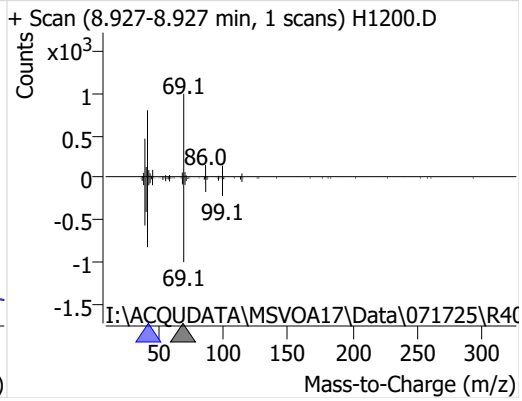




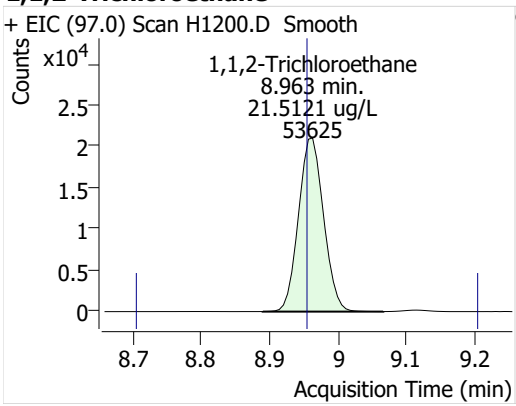
Ethyl Methacrylate

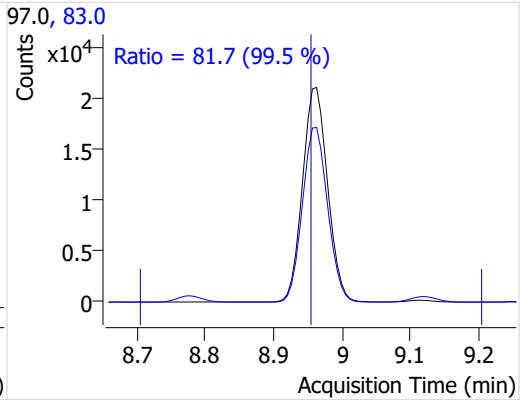


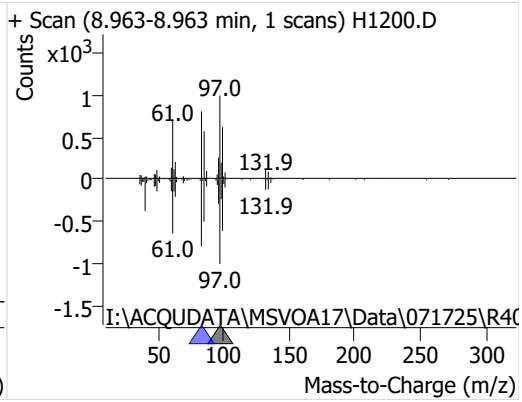




1,1,2-Trichloroethane

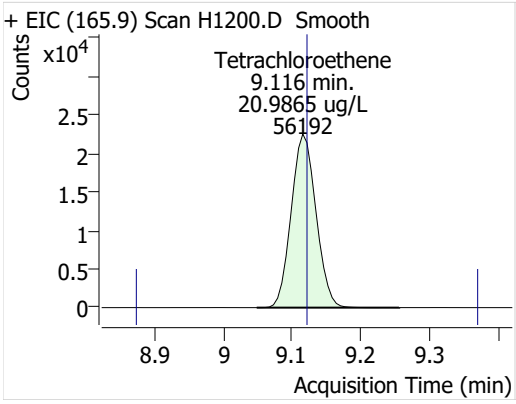


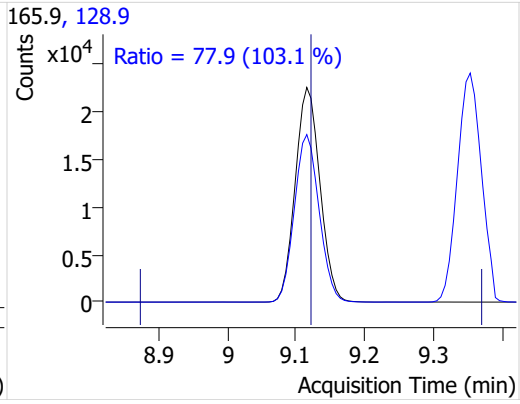


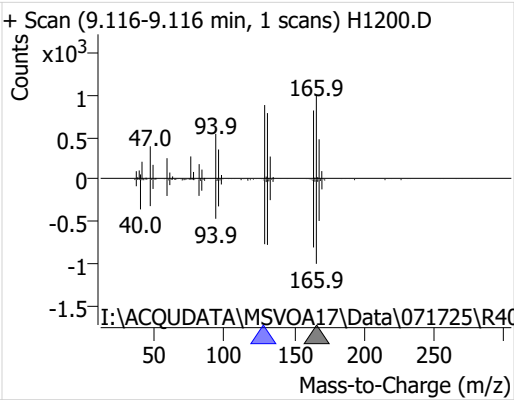


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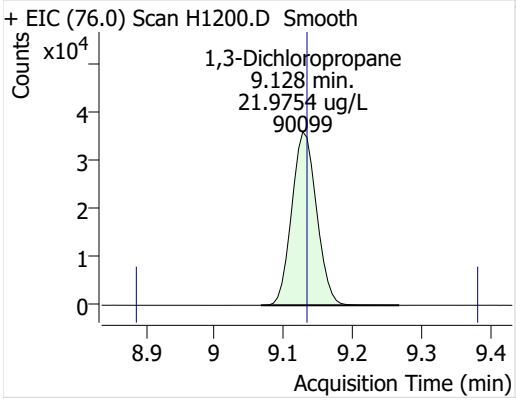
Tetrachloroethene

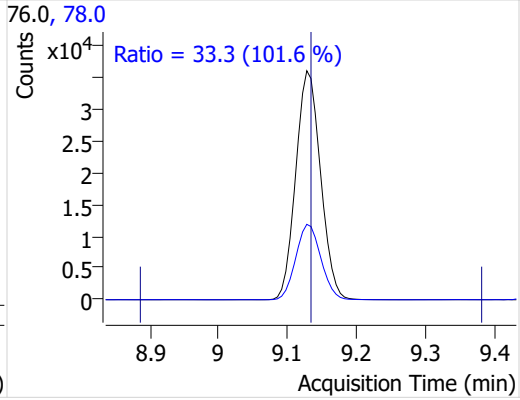


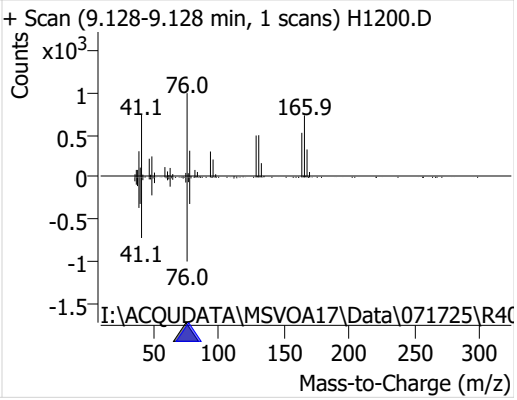




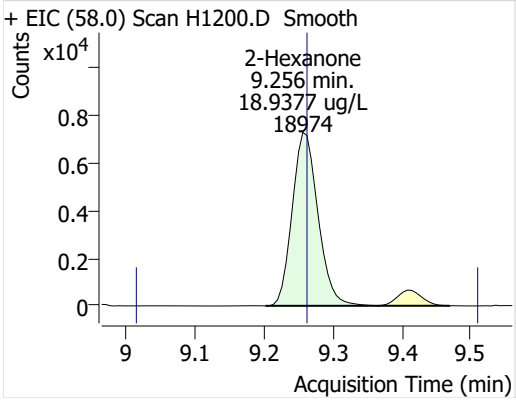
1,3-Dichloropropane

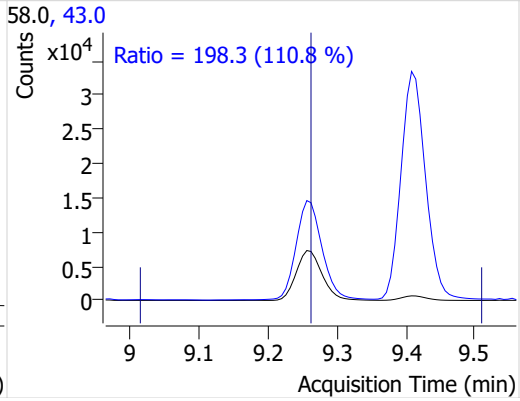


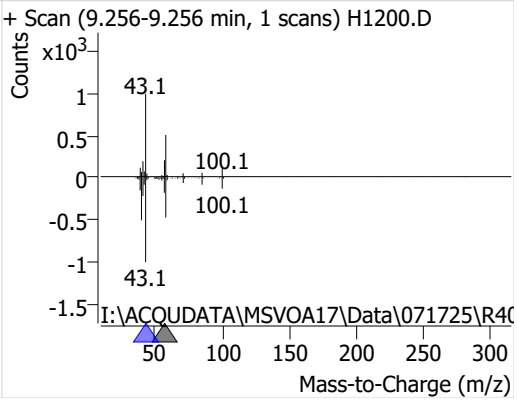




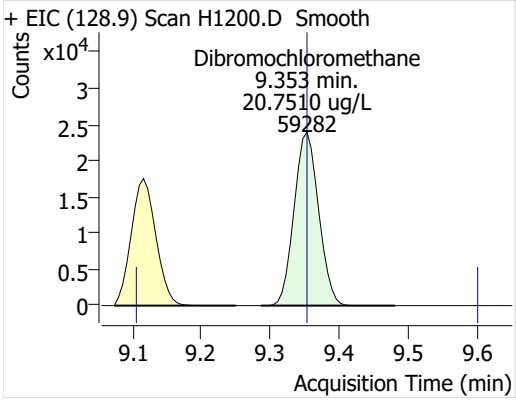
2-Hexanone

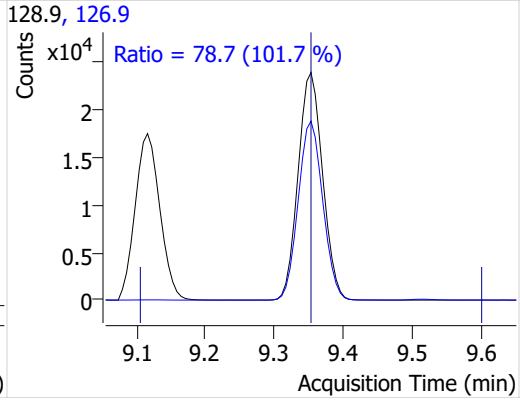


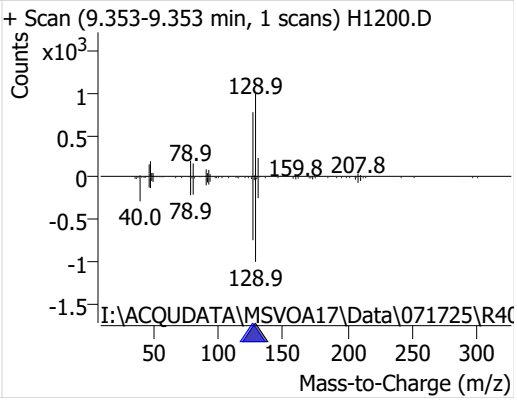




Dibromochloromethane

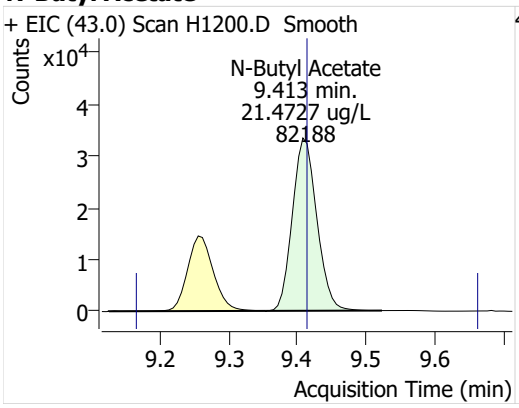


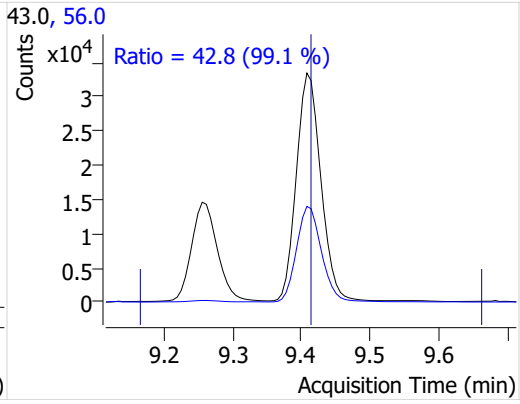


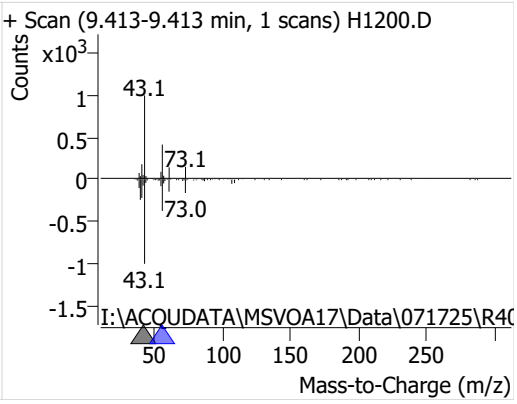


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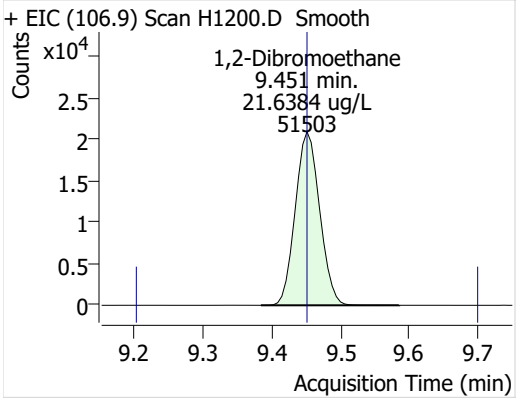
N-Butyl Acetate

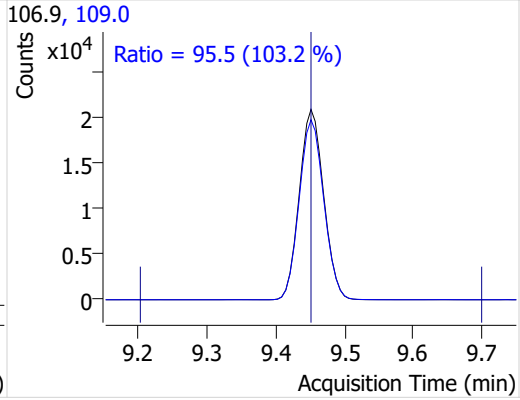


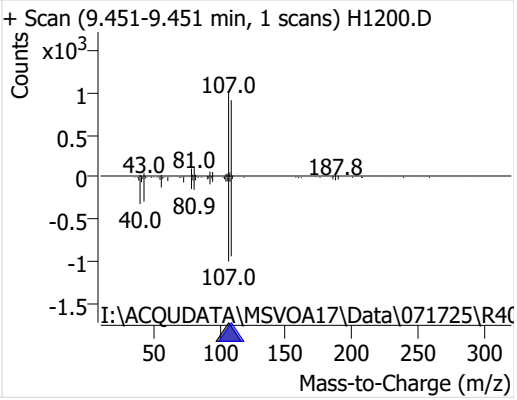




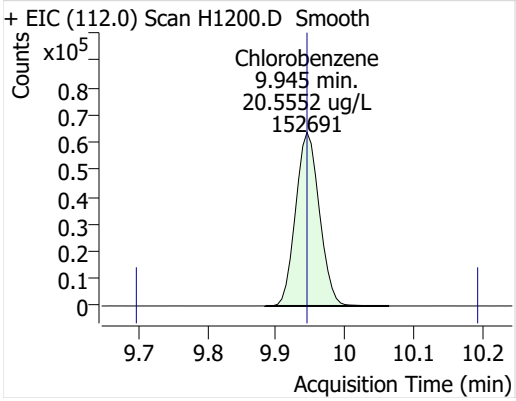
1,2-Dibromoethane

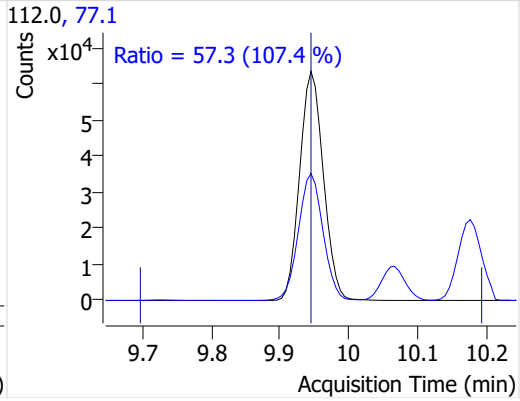


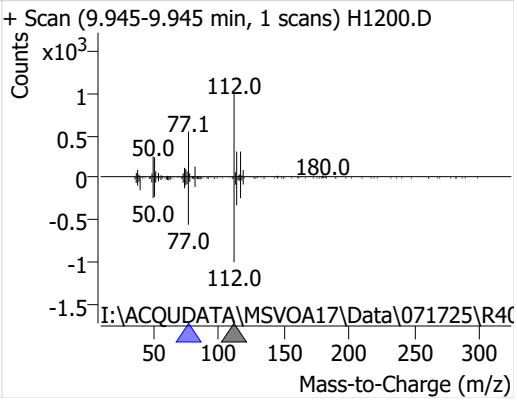




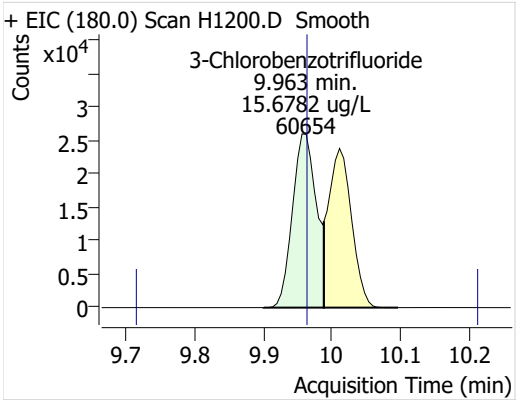
Chlorobenzene

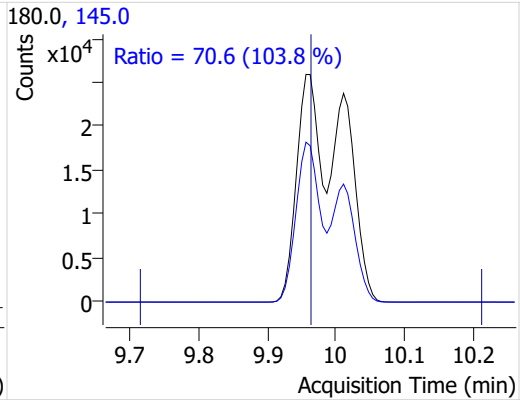


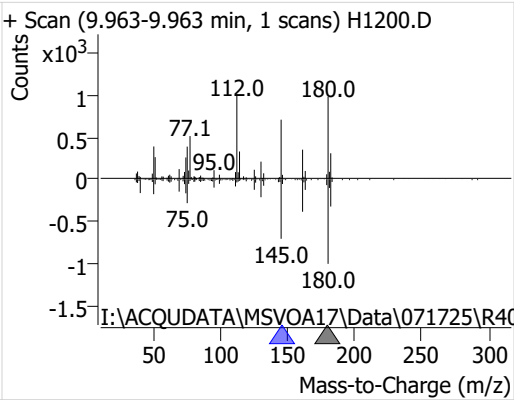




3-Chlorobenzotrifluoride

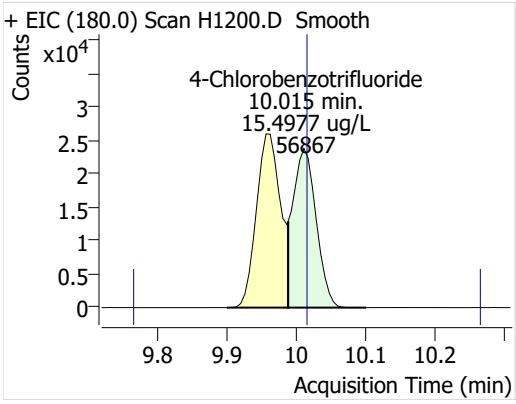


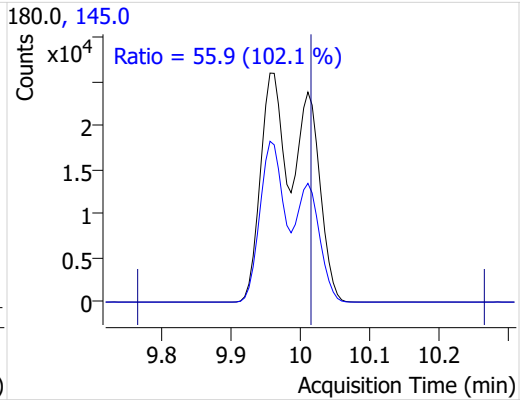


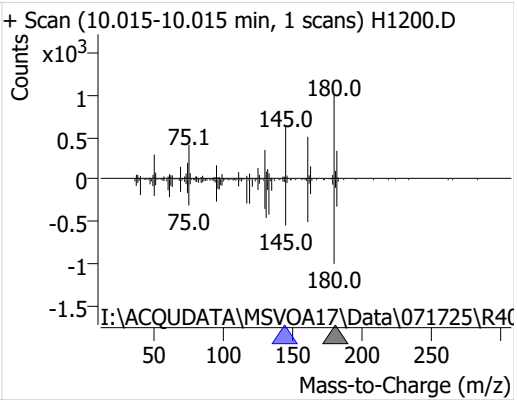


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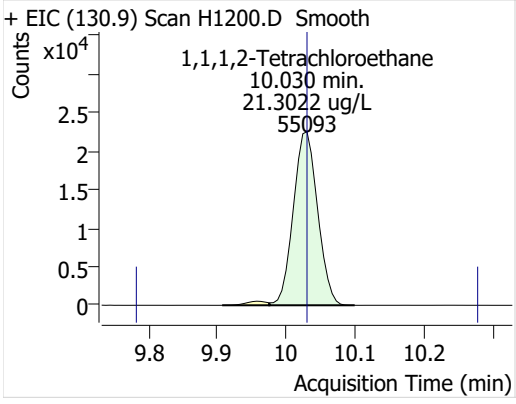
4-Chlorobenzotrifluoride

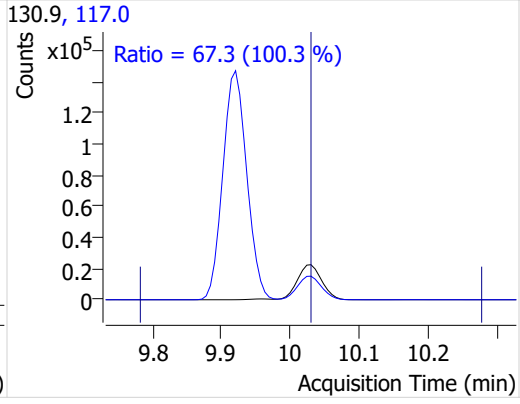


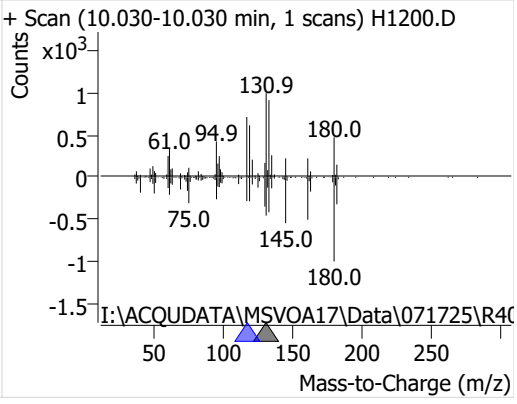




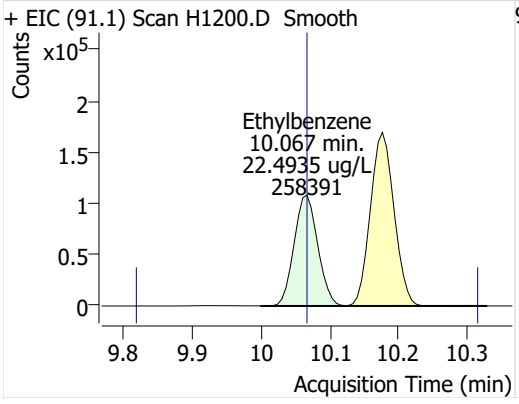
1,1,1,2-Tetrachloroethane

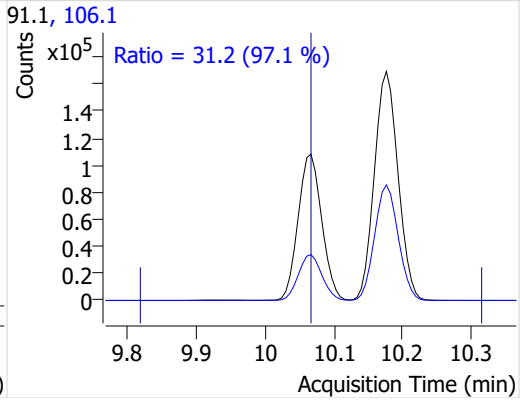


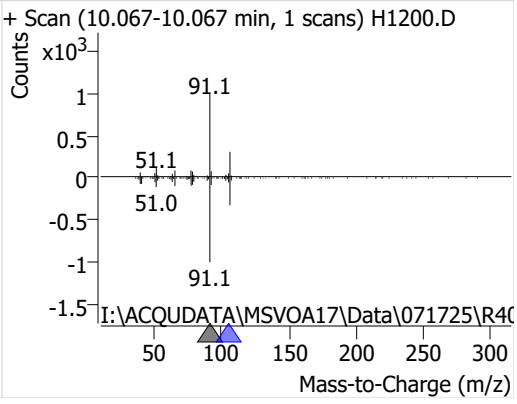




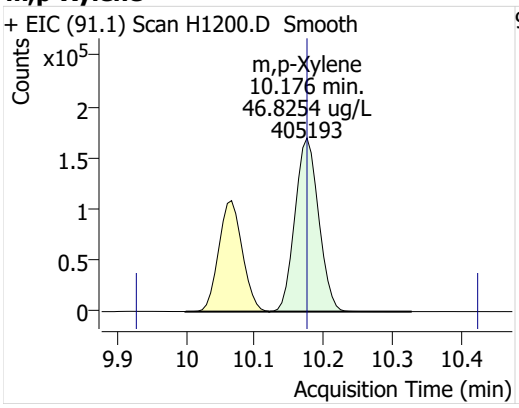
Ethylbenzene

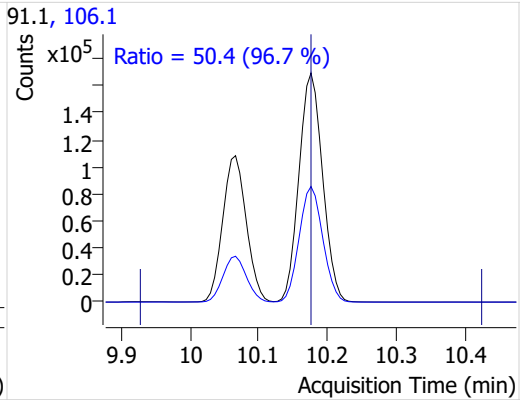


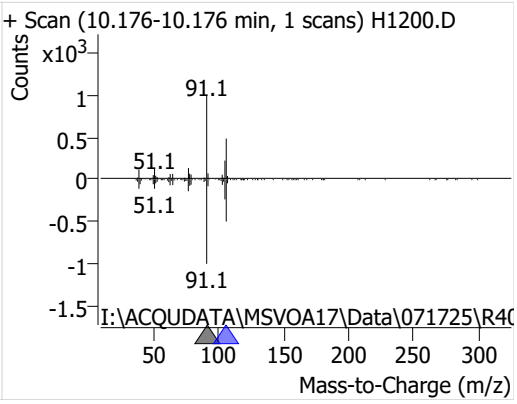




m,p-Xylene

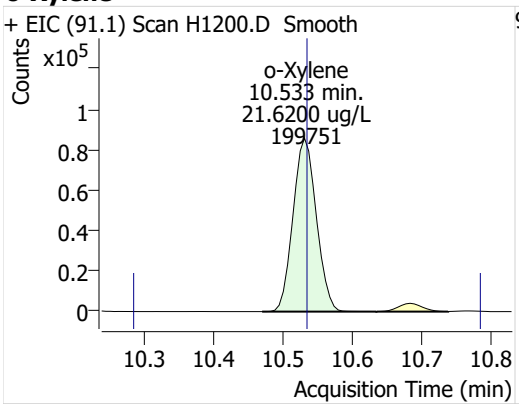


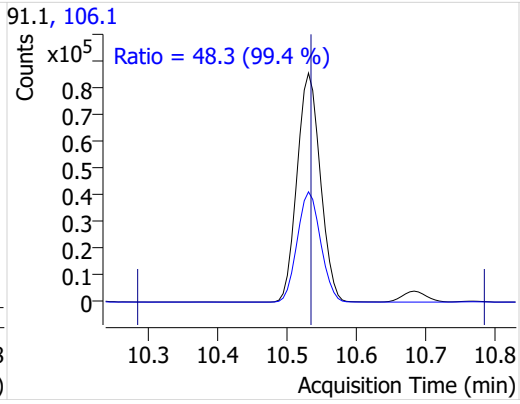


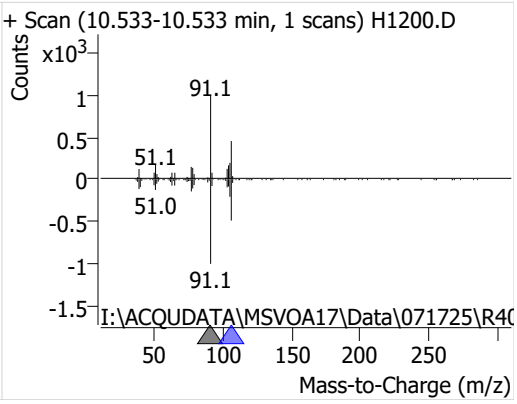


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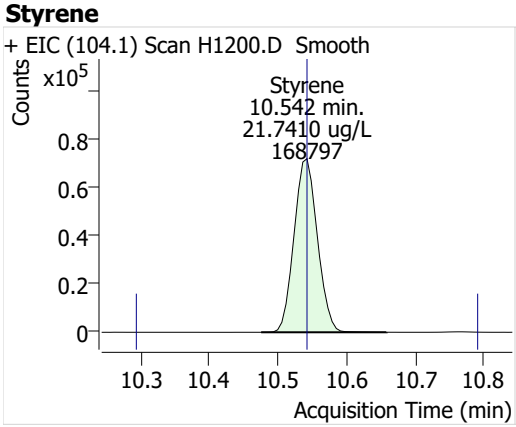
o-Xylene

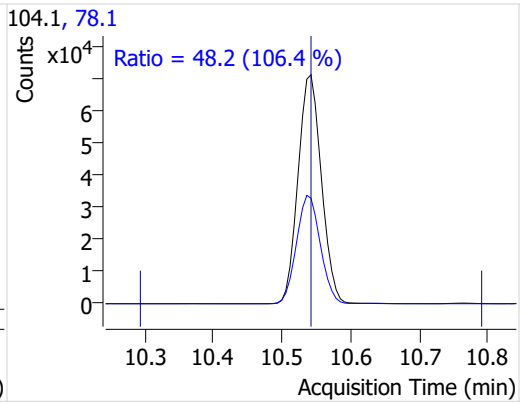


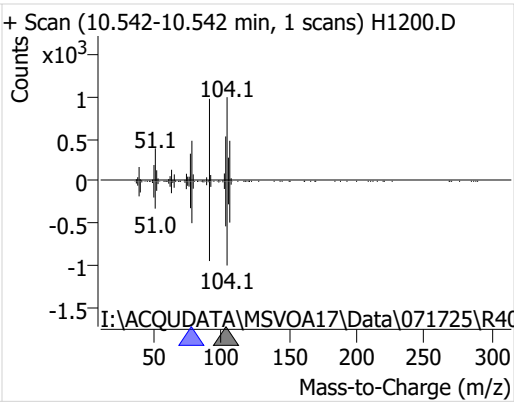




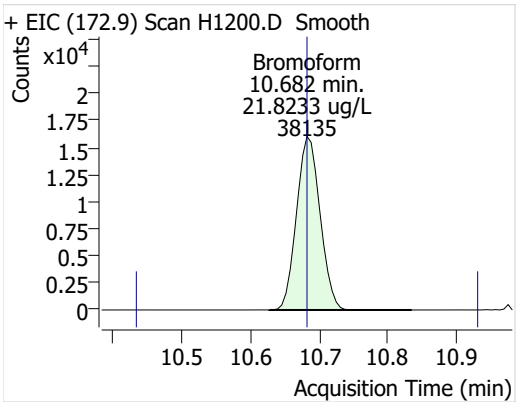
Styrene

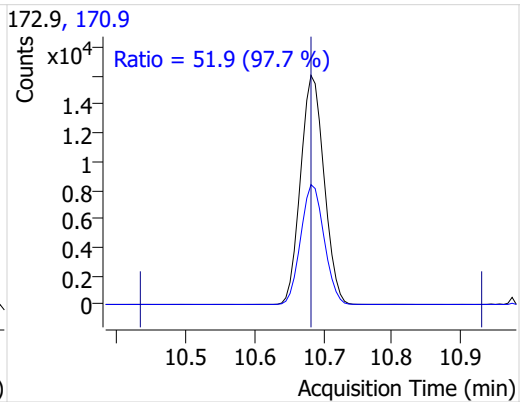


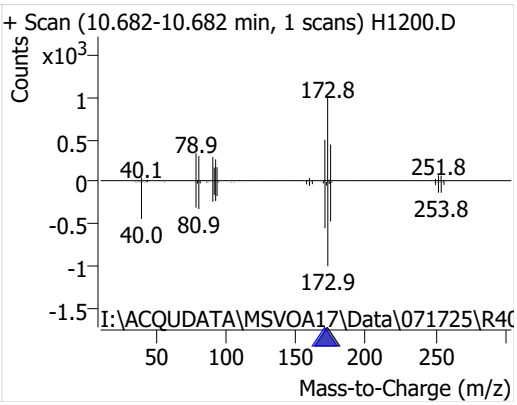




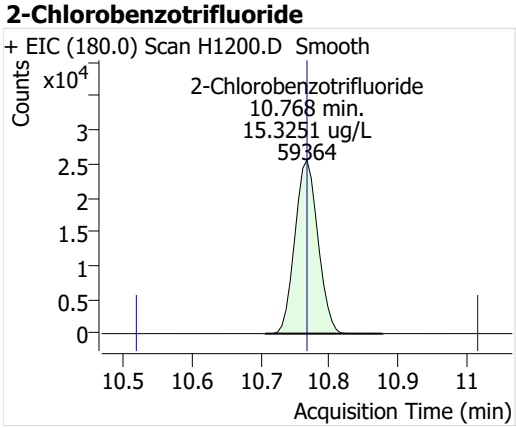
Bromoform

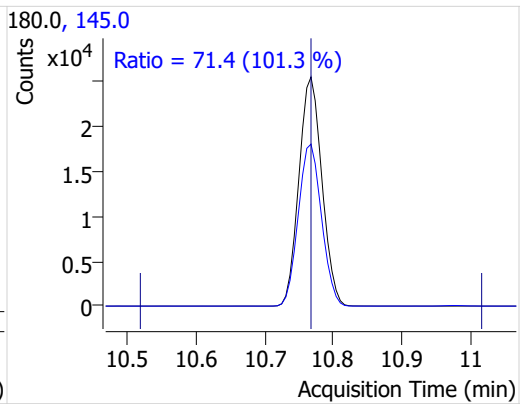


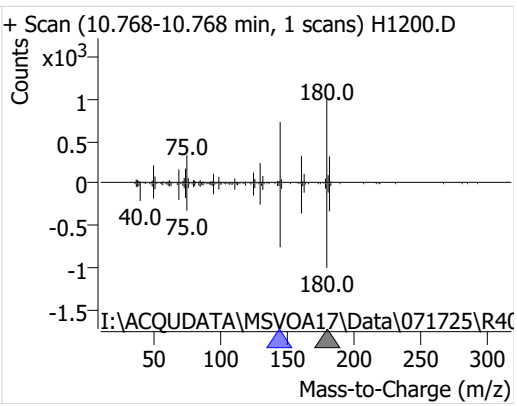




2-Chlorobenzotrifluoride

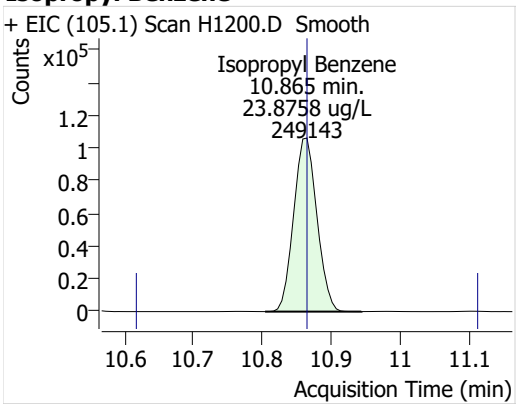


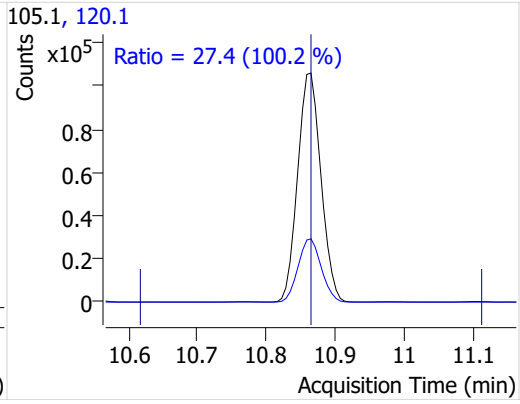


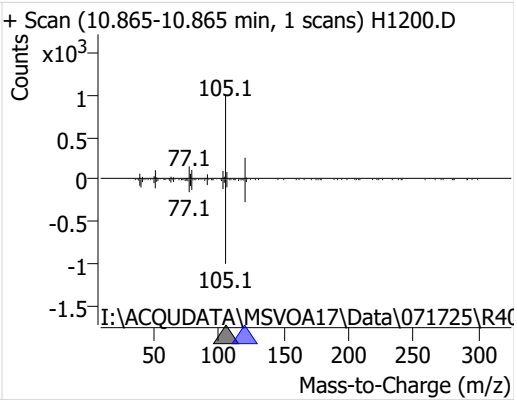


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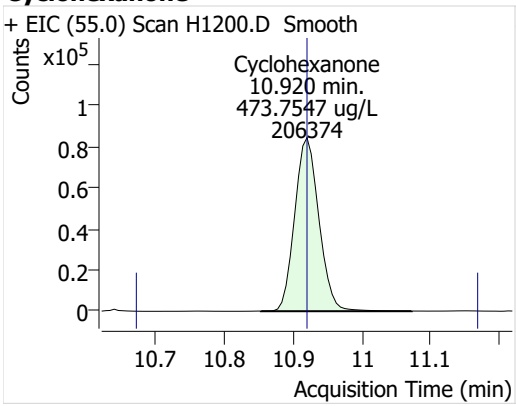
Isopropyl Benzene

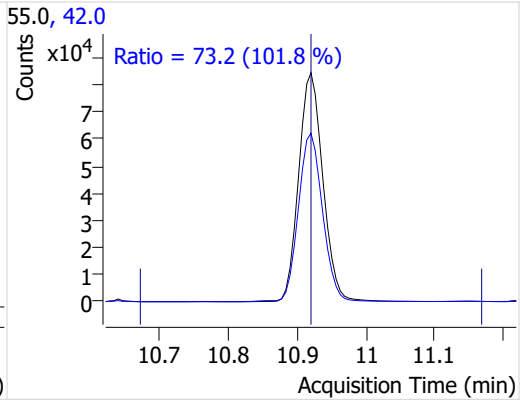


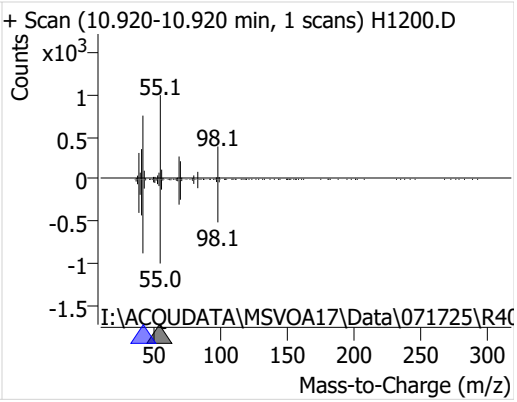




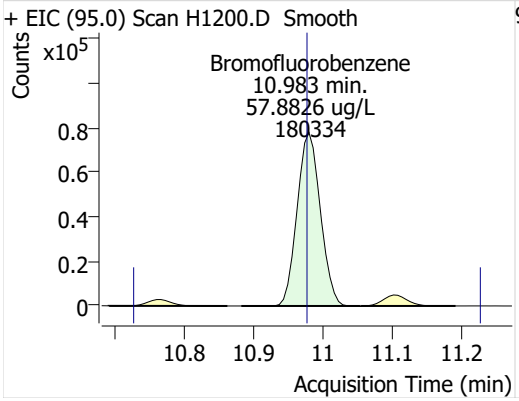
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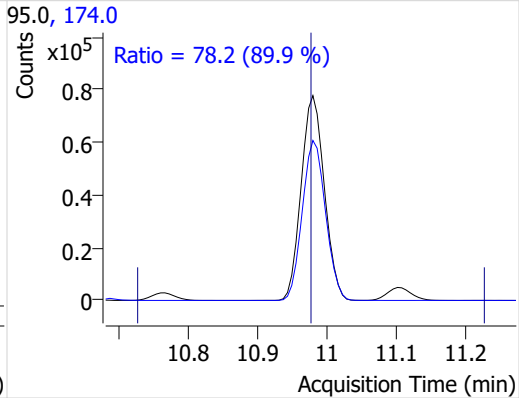


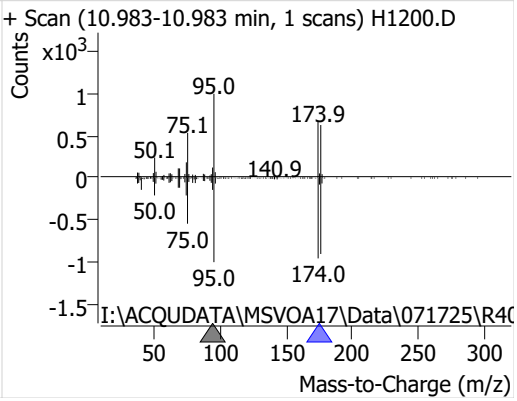




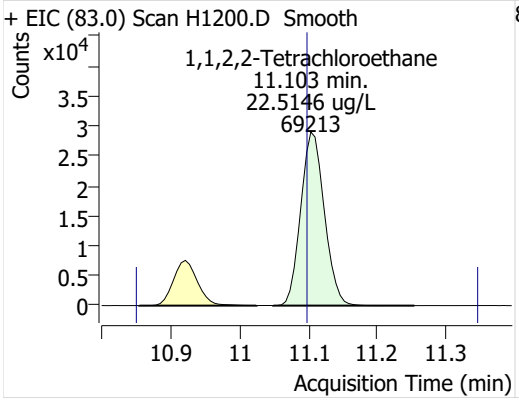
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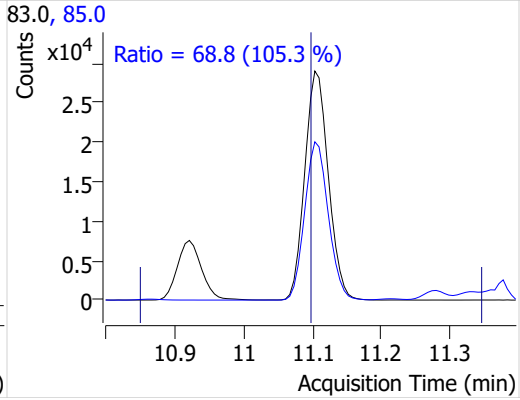


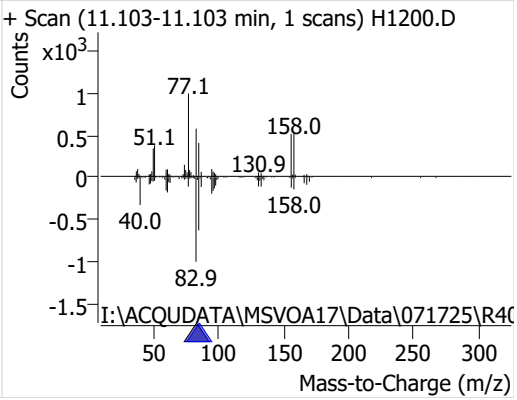




1,1,2,2-Tetrachloroethane

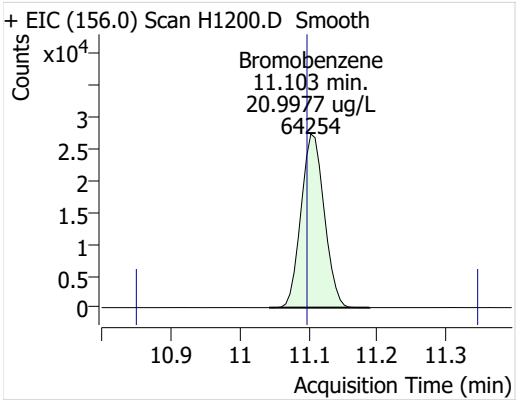


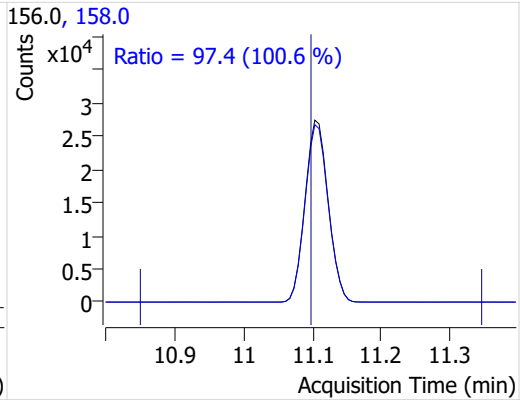


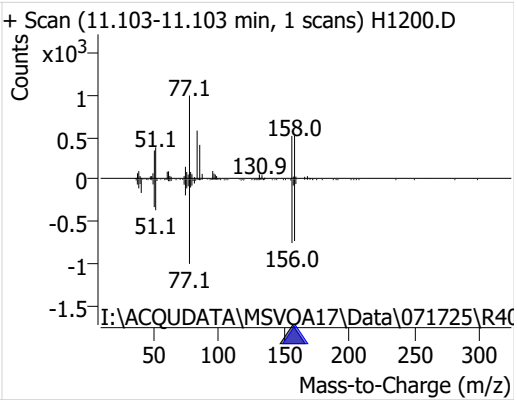


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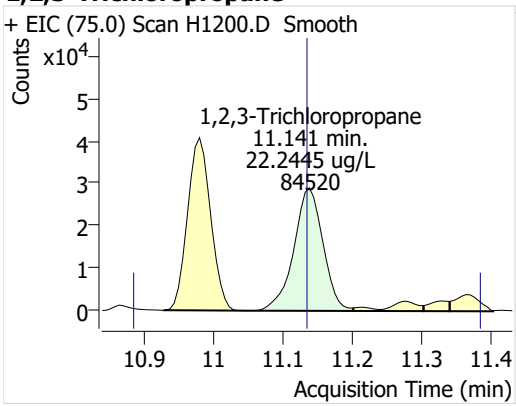
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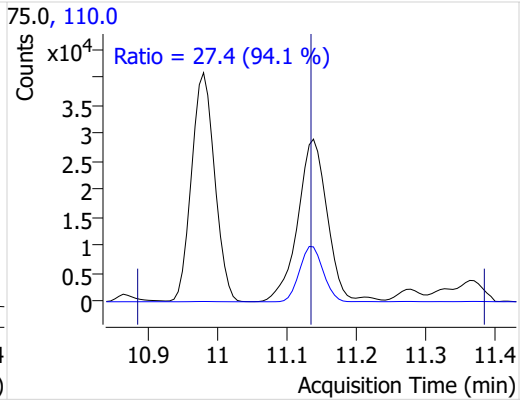


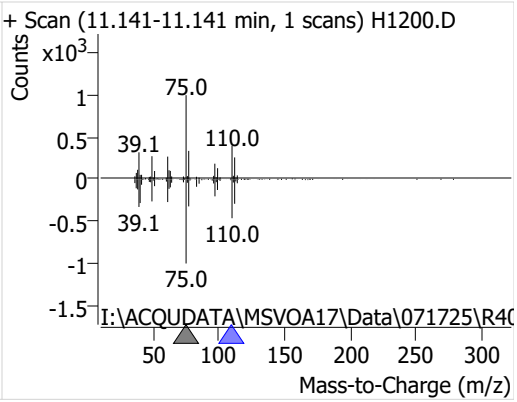




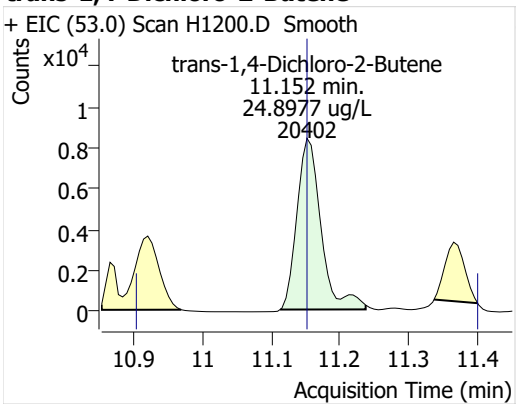
1,2,3-Trichloropropane

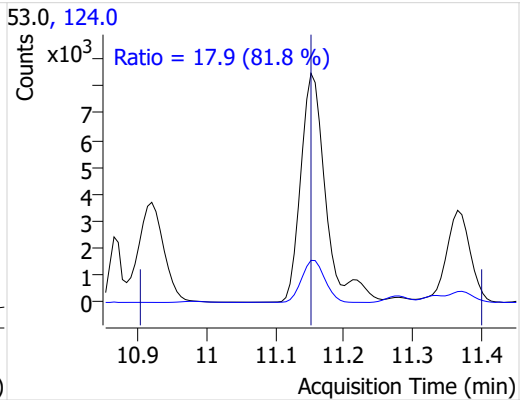


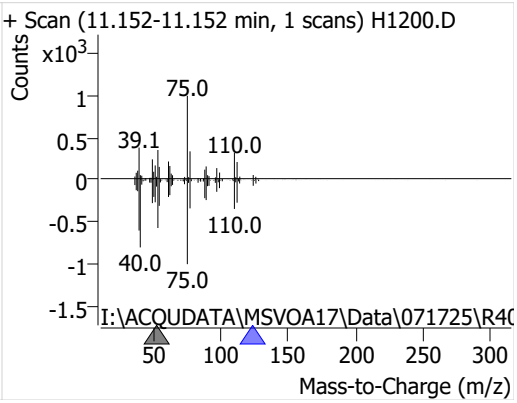




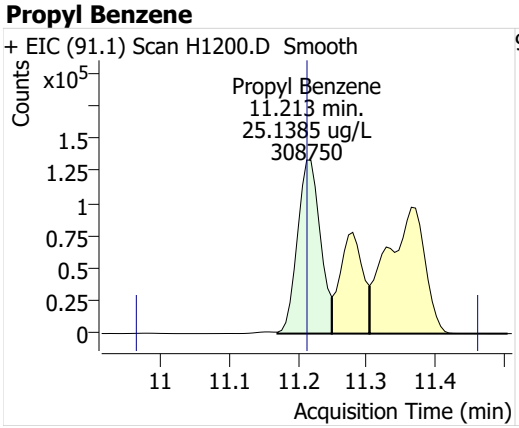
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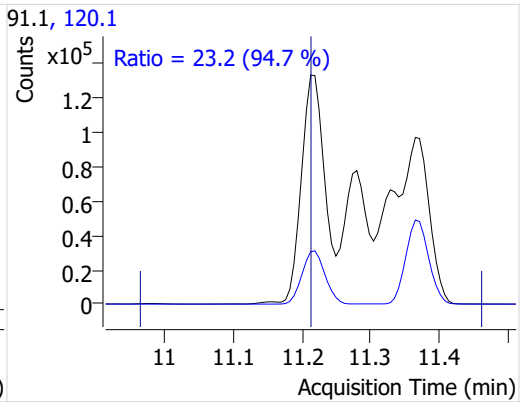


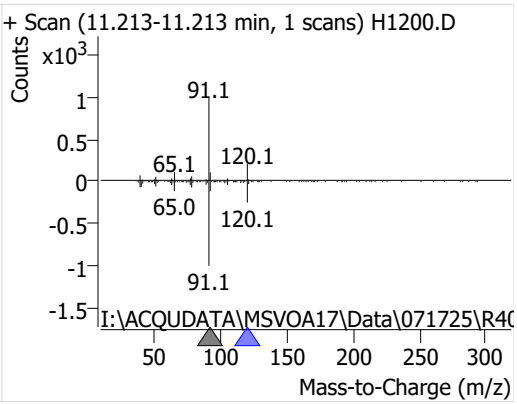




Propyl Benzene

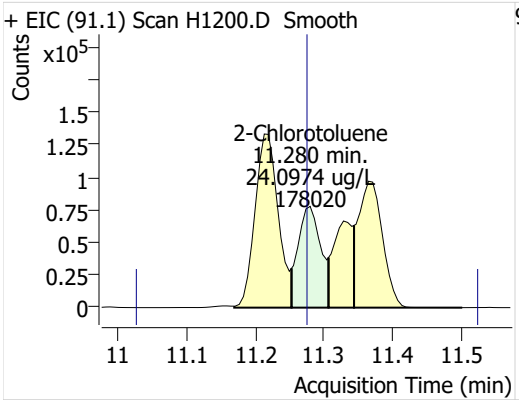


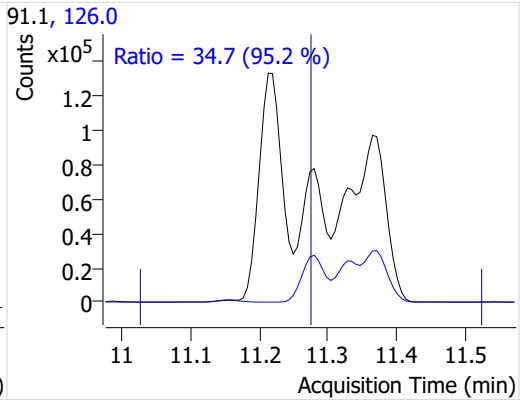


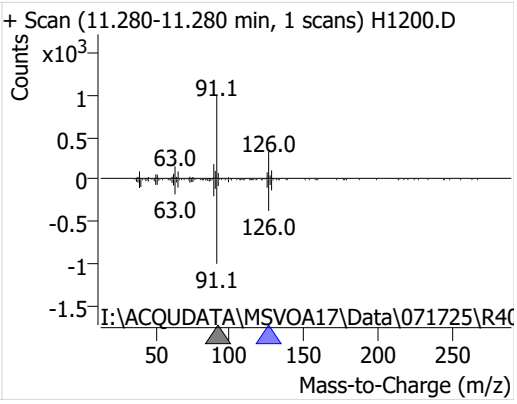


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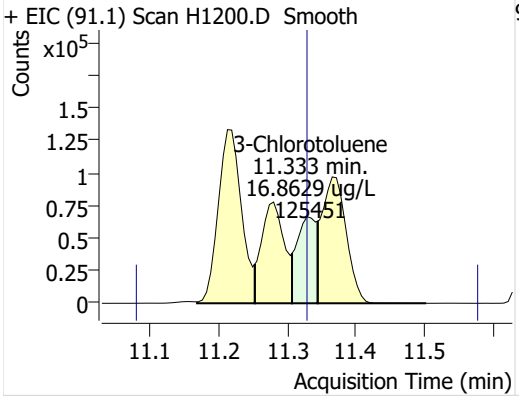
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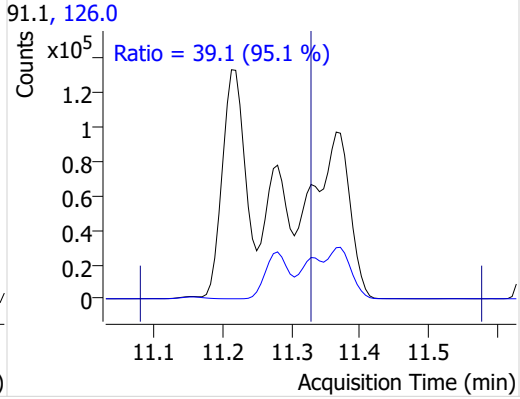


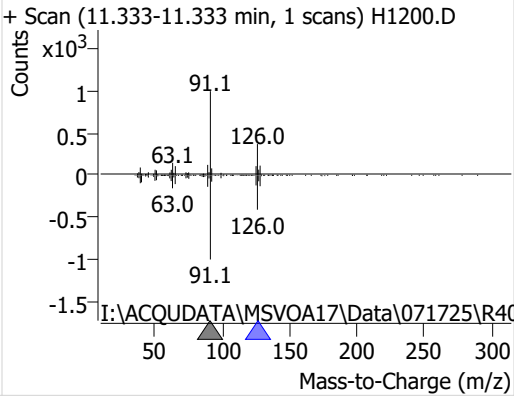




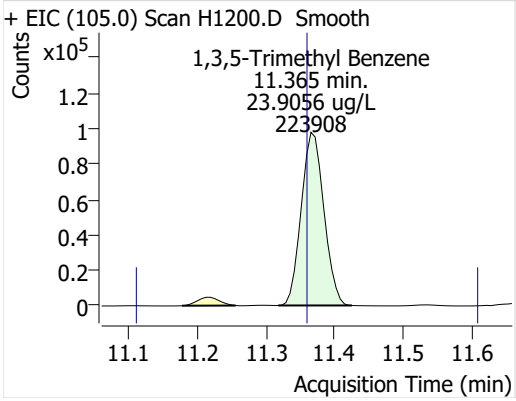
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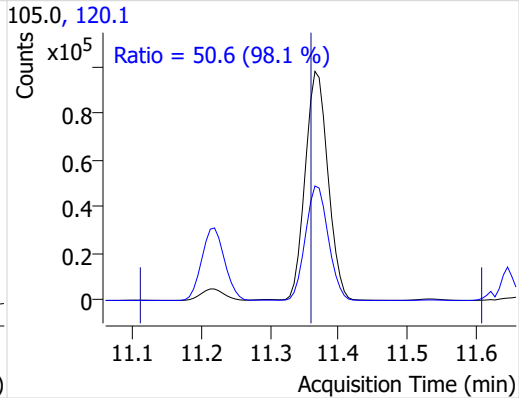


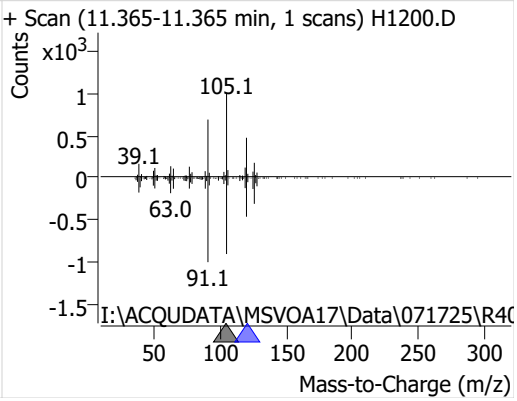




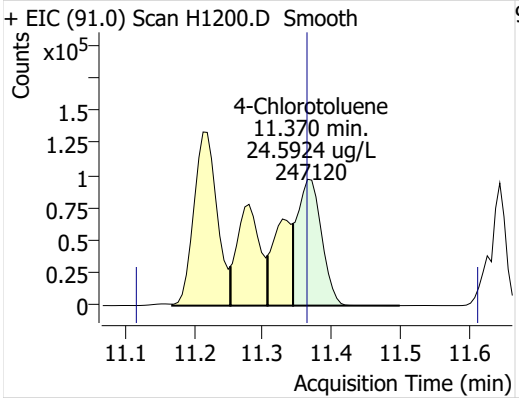
1,3,5-Trimethyl Benzene

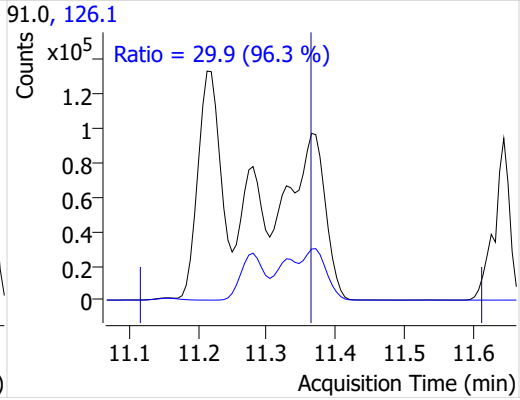


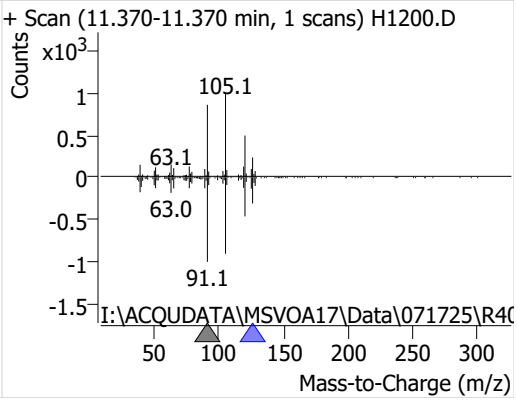




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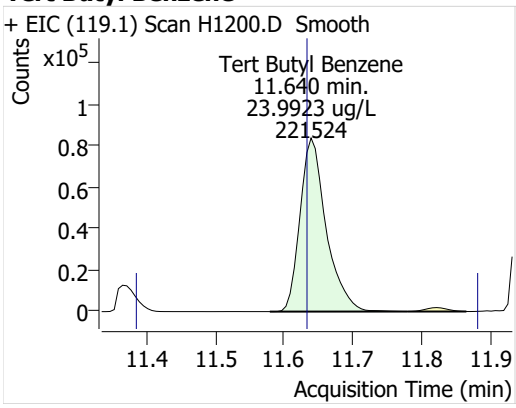


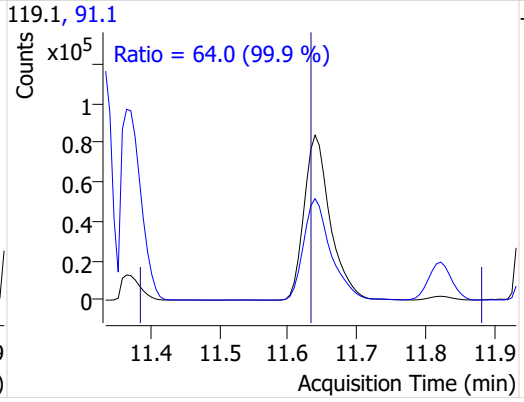


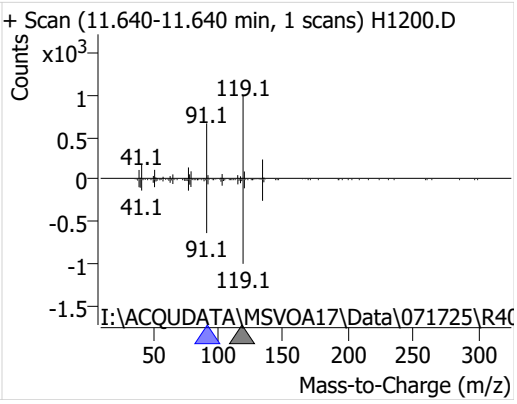


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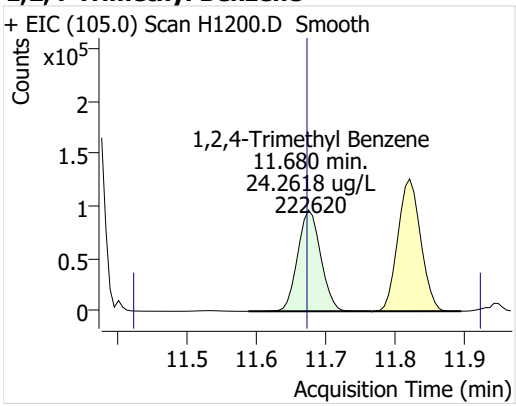
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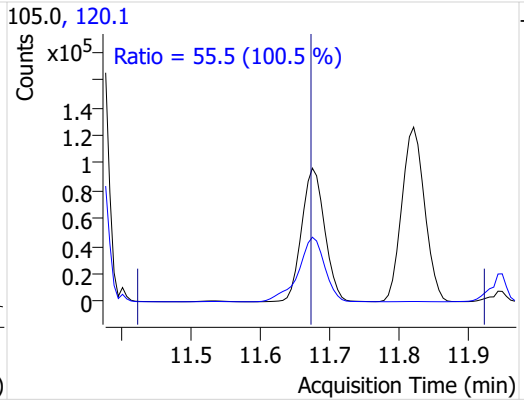


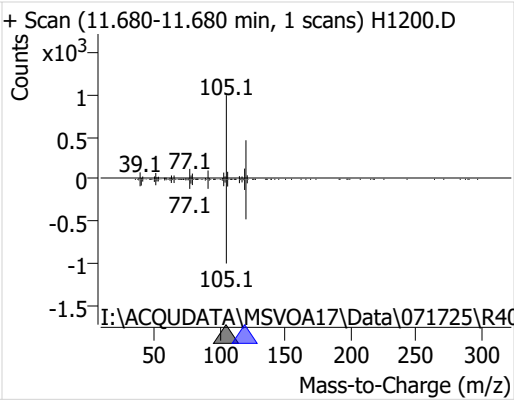




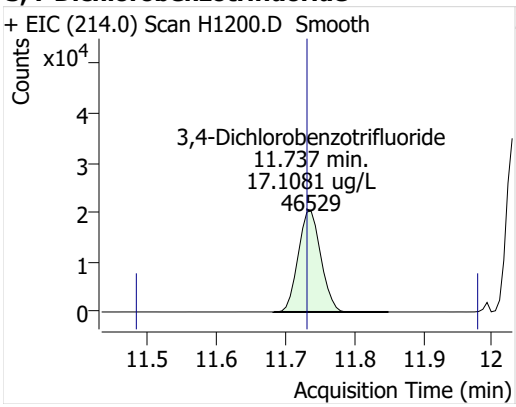
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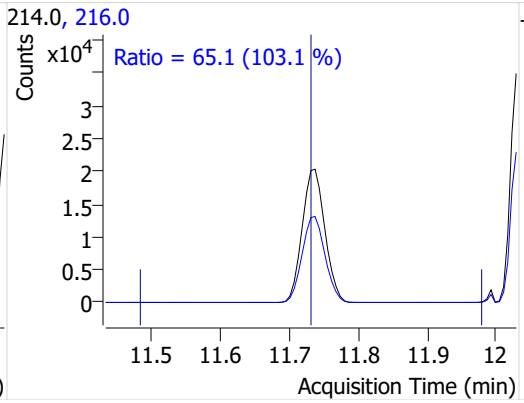


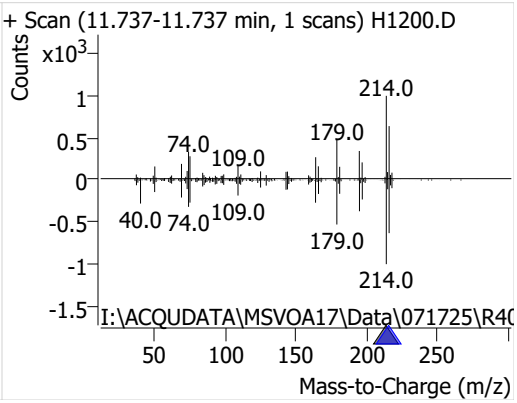




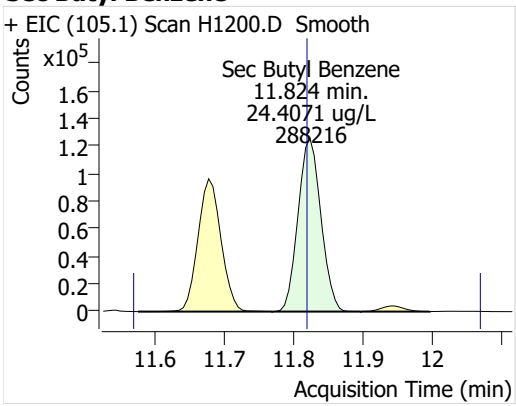
3,4-Dichlorobenzotrifluoride

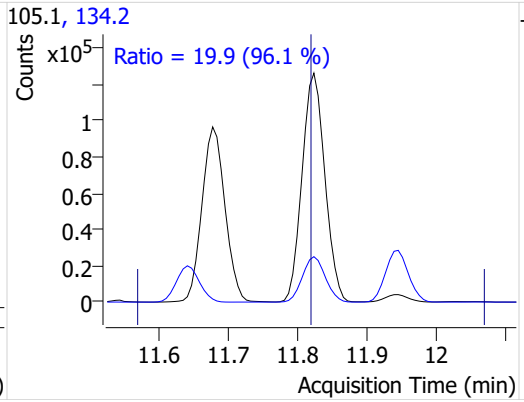


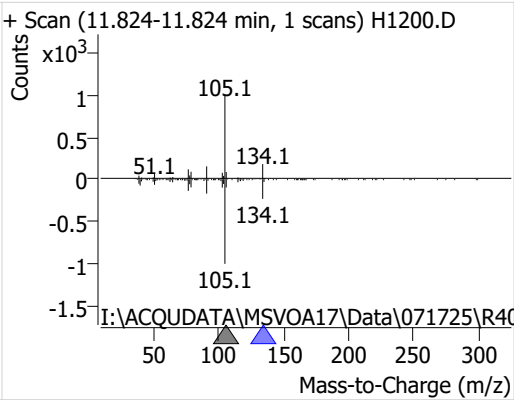




Sec Butyl Benzene

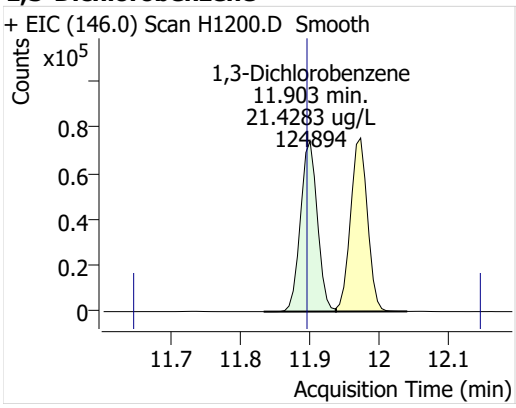


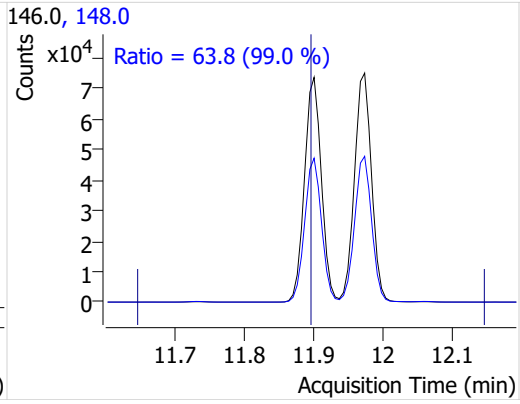


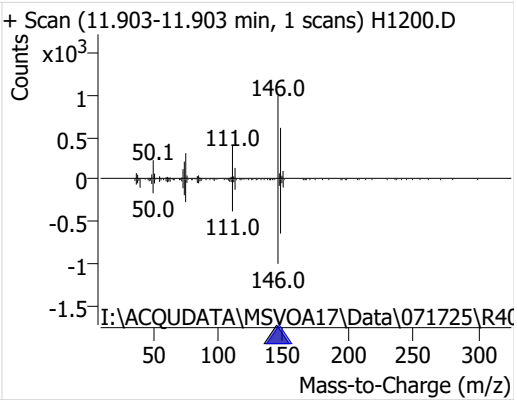


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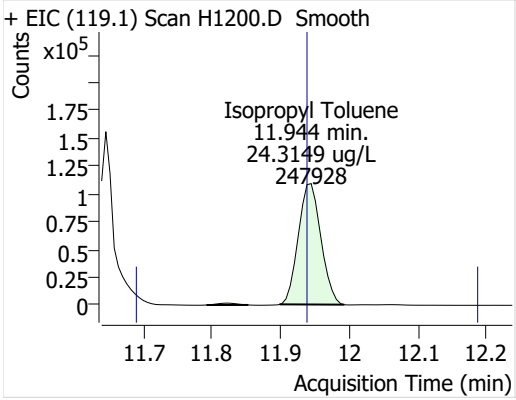
1,3-Dichlorobenzene

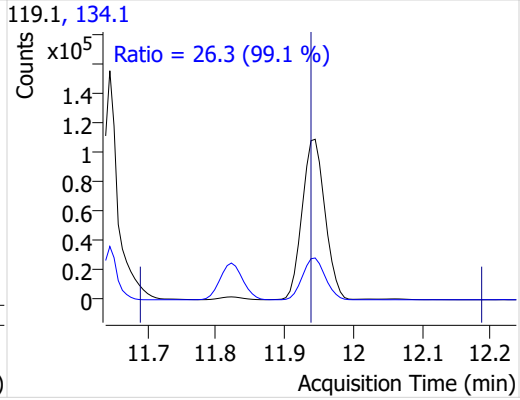


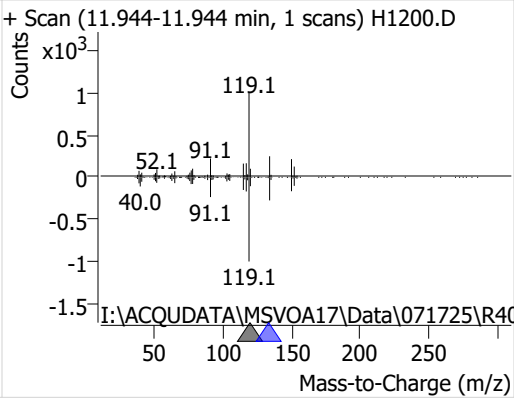




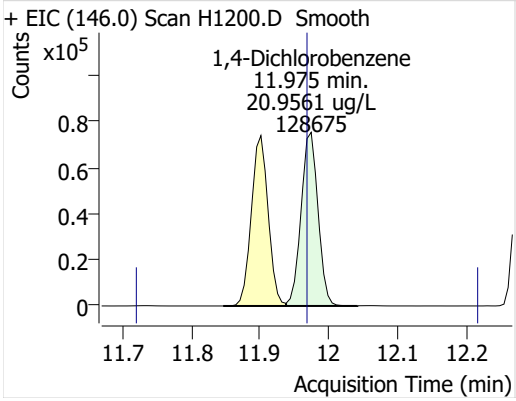
Isopropyl Toluene

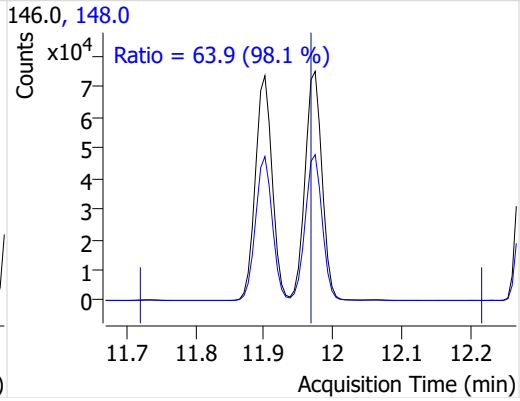


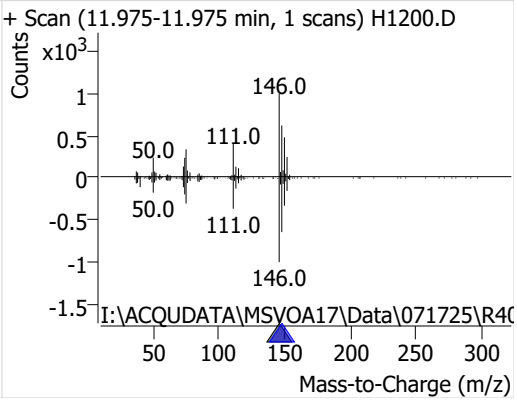




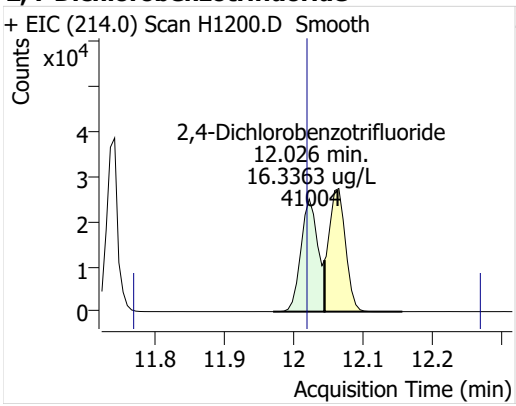
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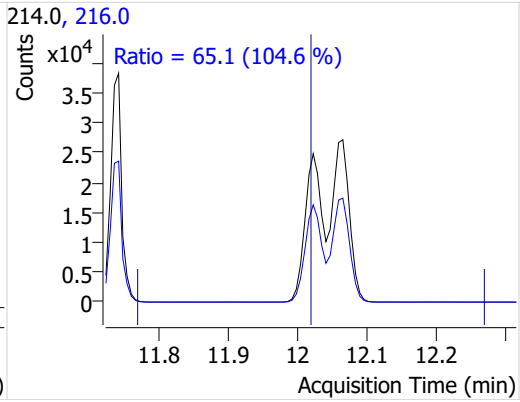


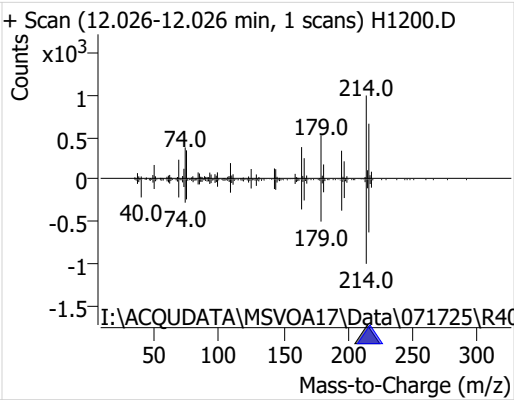




2,4-Dichlorobenzotrifluoride

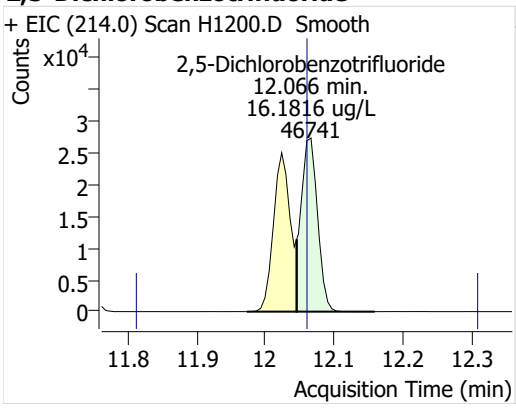


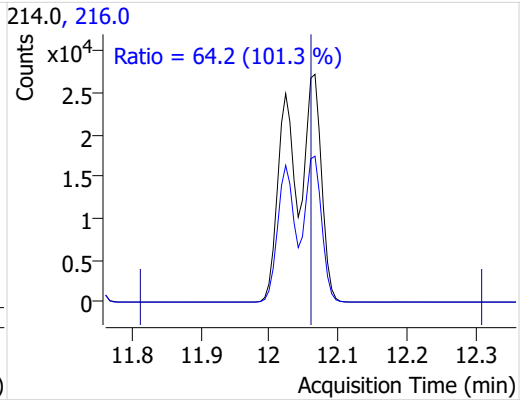


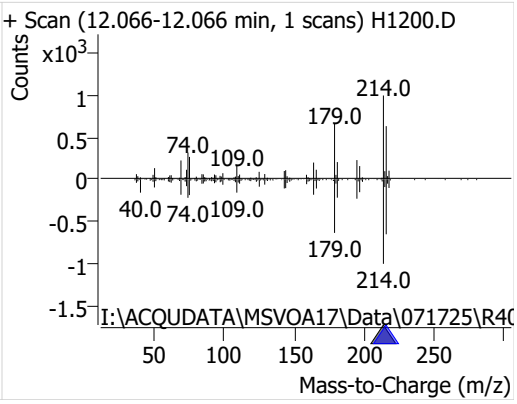


Masshunter Quantitative Analysis Sample Report

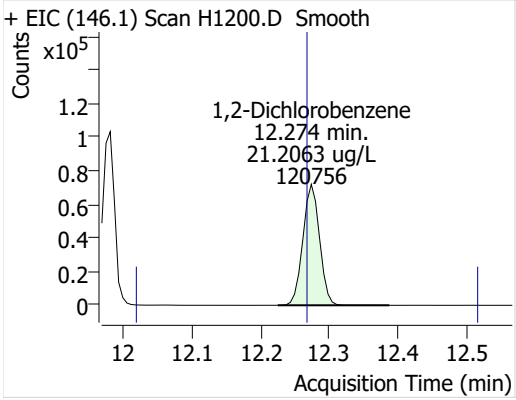
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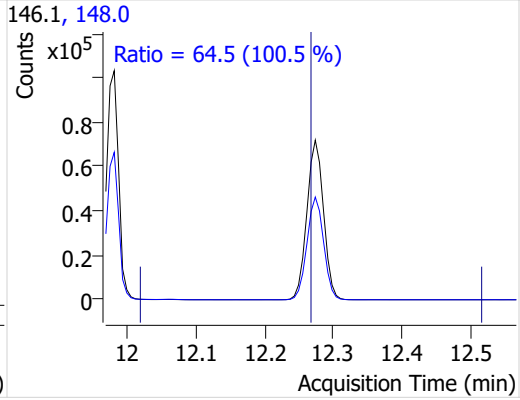


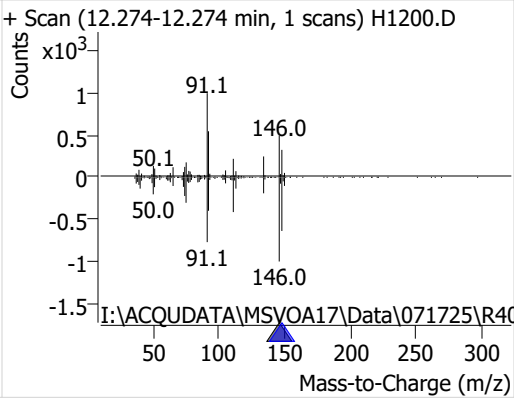




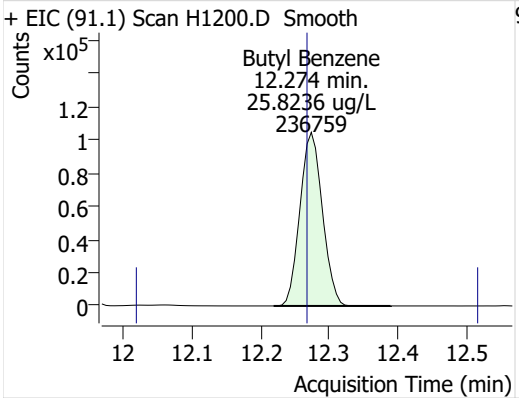
1,2-Dichlorobenzene

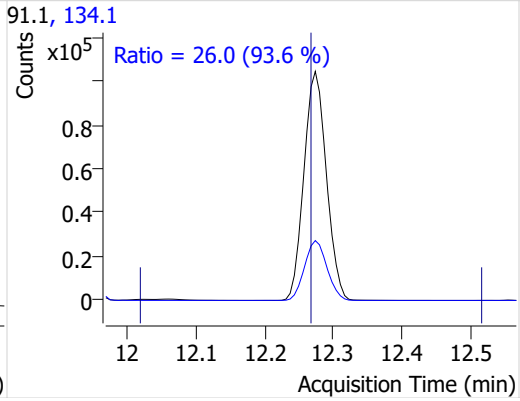


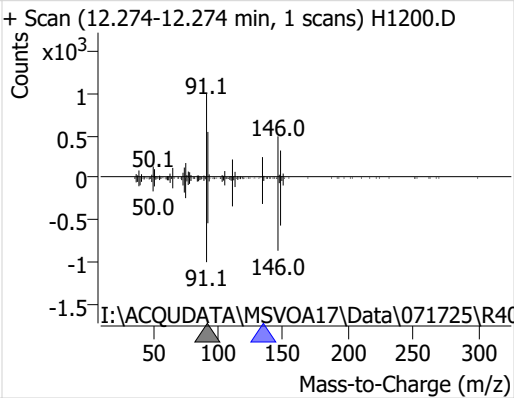




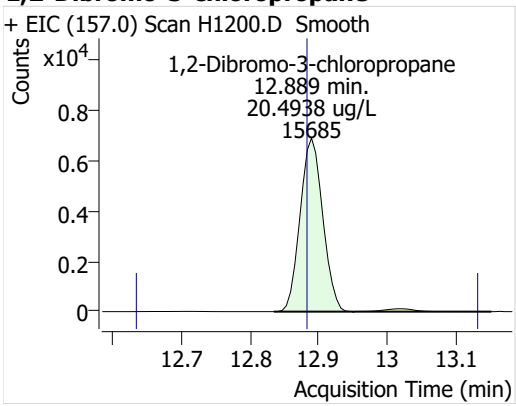
Butyl Benzene

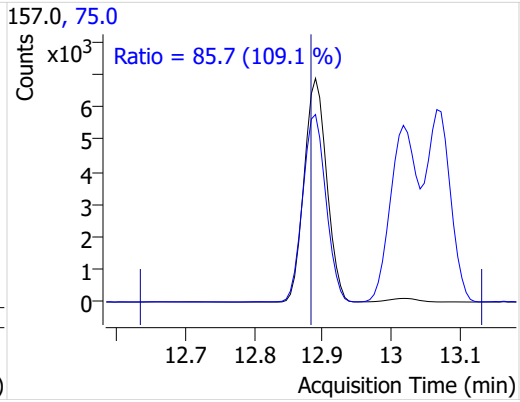


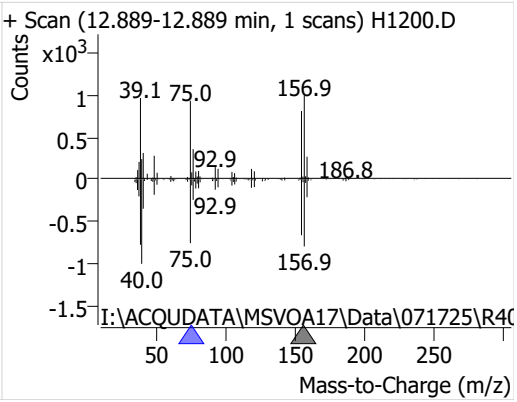




1,2-Dibromo-3-chloropropane

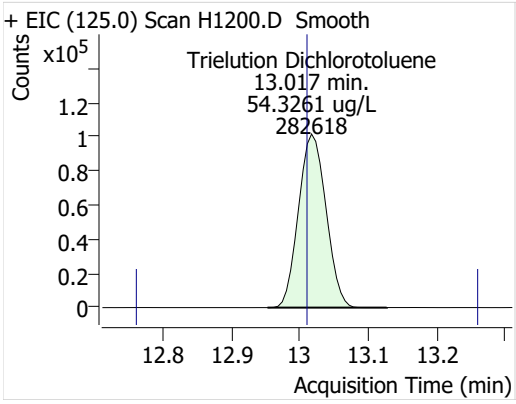


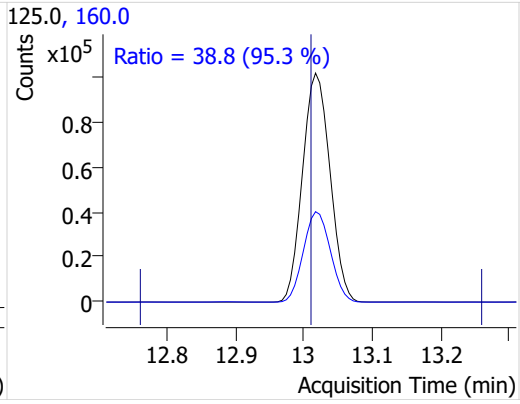


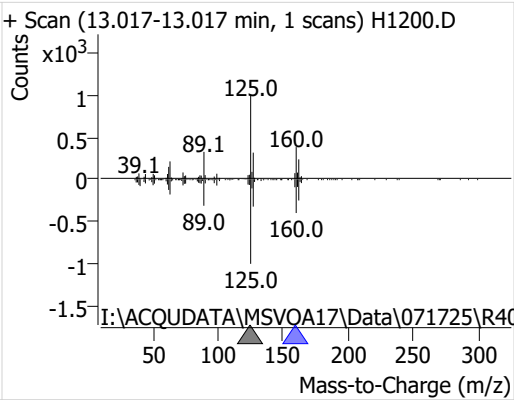


Masshunter Quantitative Analysis Sample Report

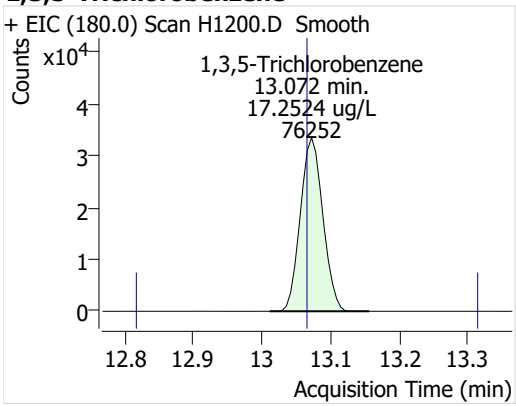
Trielution Dichlorotoluene

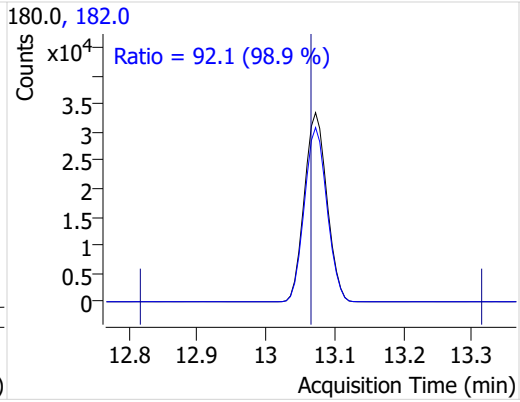


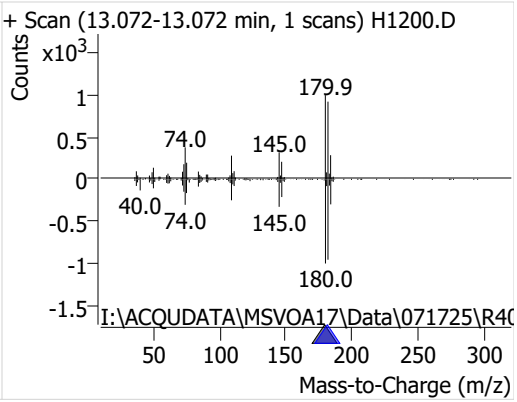




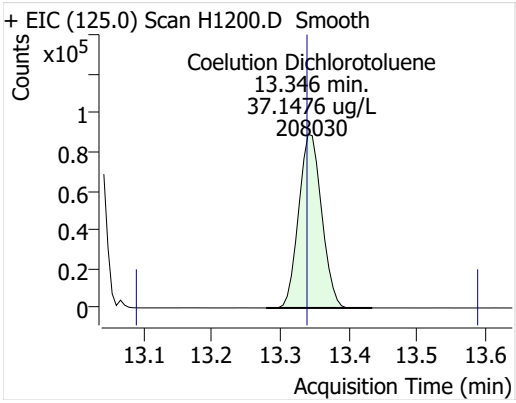
1,3,5-Trichlorobenzene

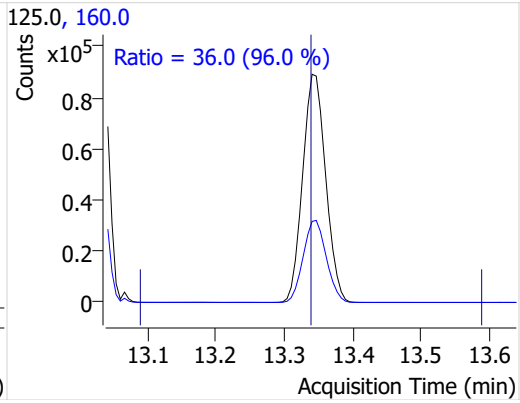


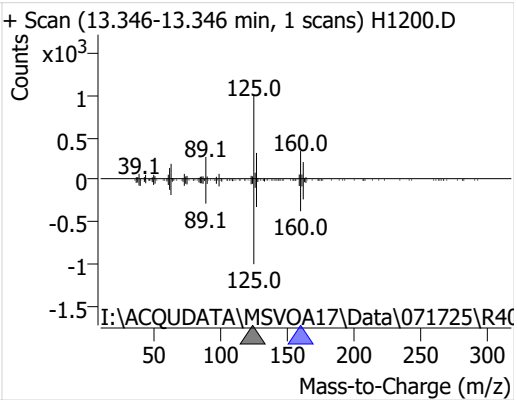




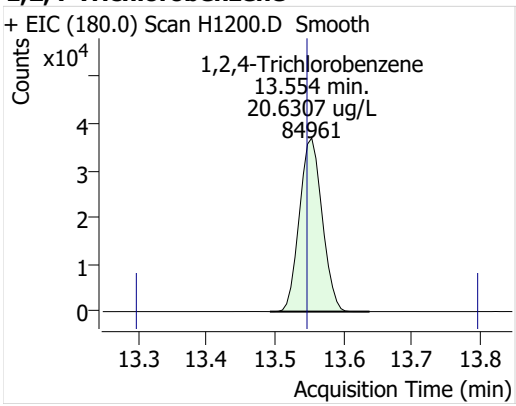
Coelution Dichlorotoluene

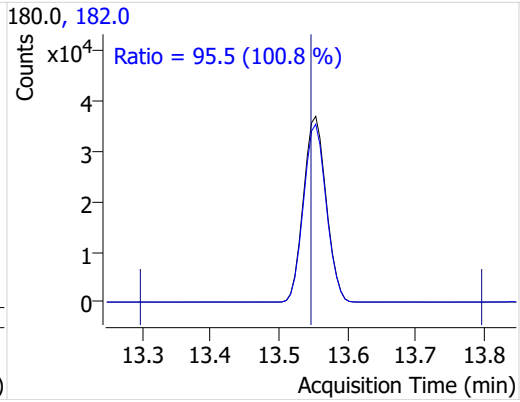


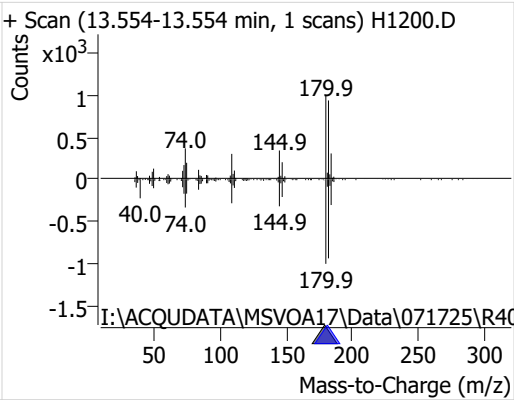




1,2,4-Trichlorobenzene

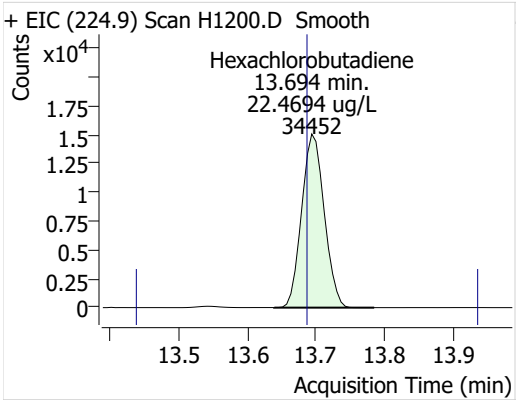


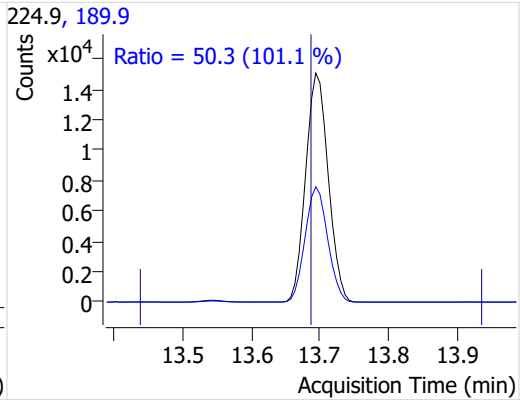


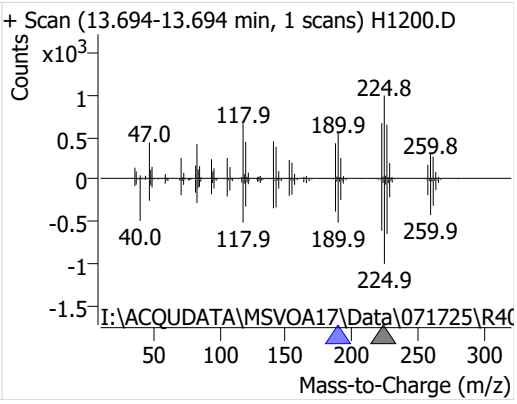


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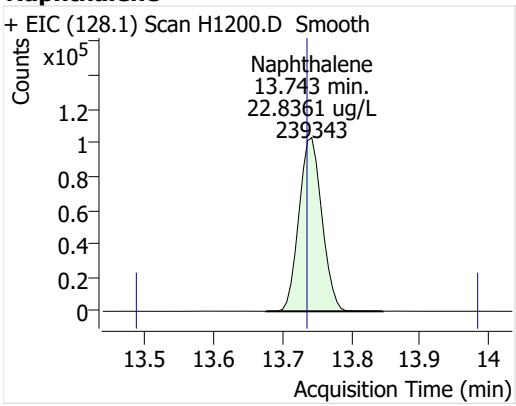
Hexachlorobutadiene

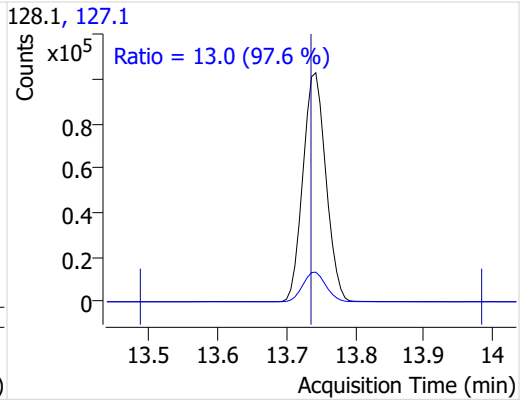


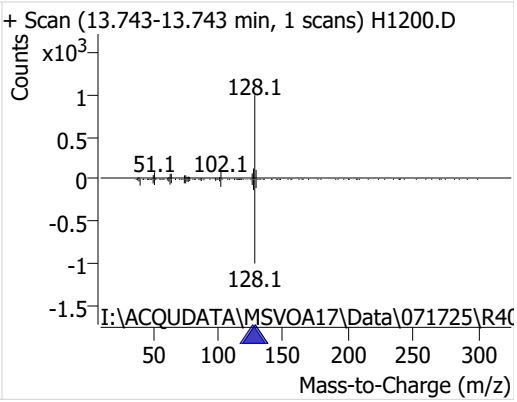




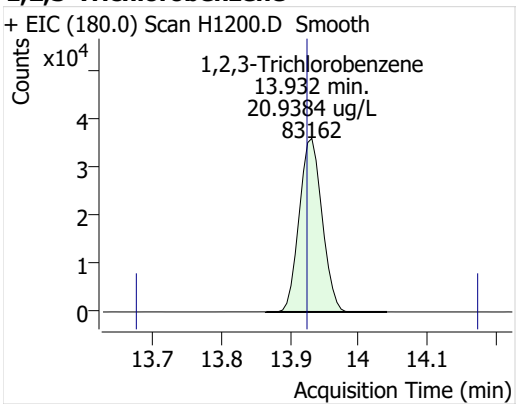
Naphthalene

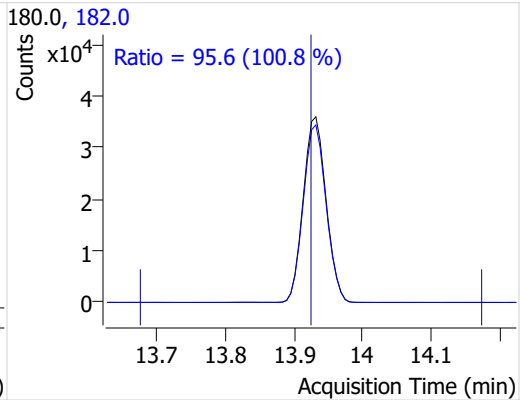


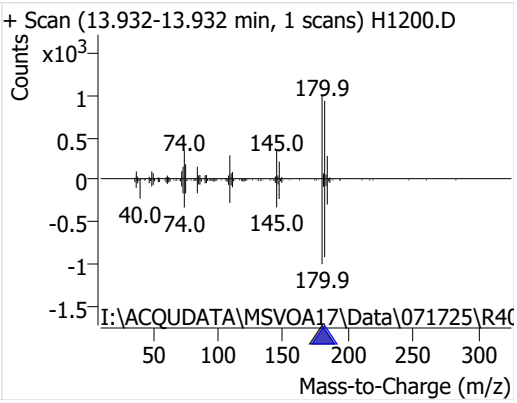




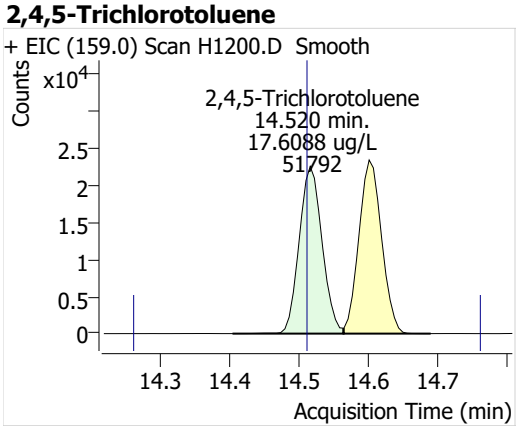
1,2,3-Trichlorobenzene

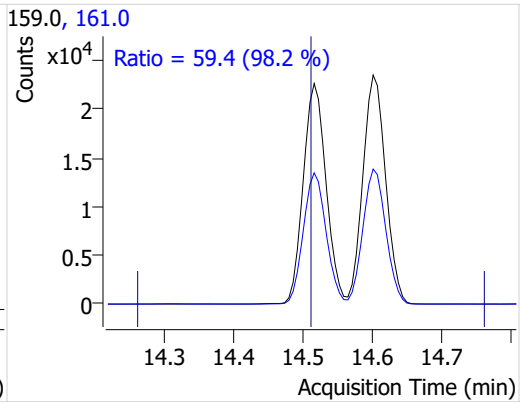


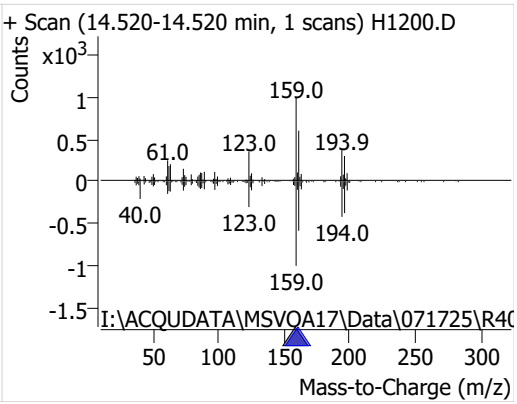




2,4,5-Trichlorotoluene

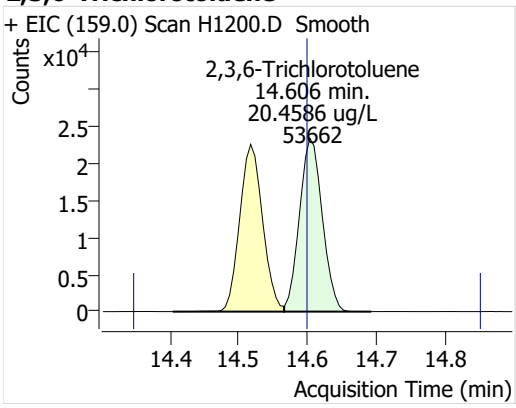


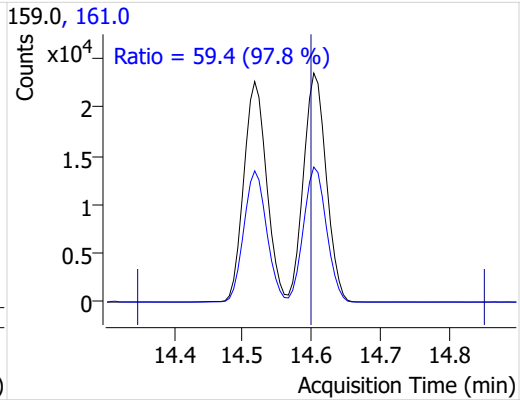


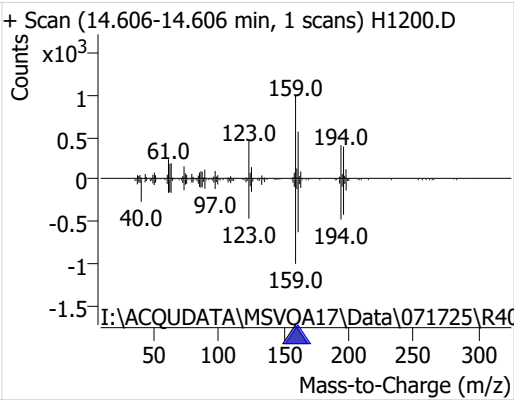


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2,3,6-Trichlorotoluene





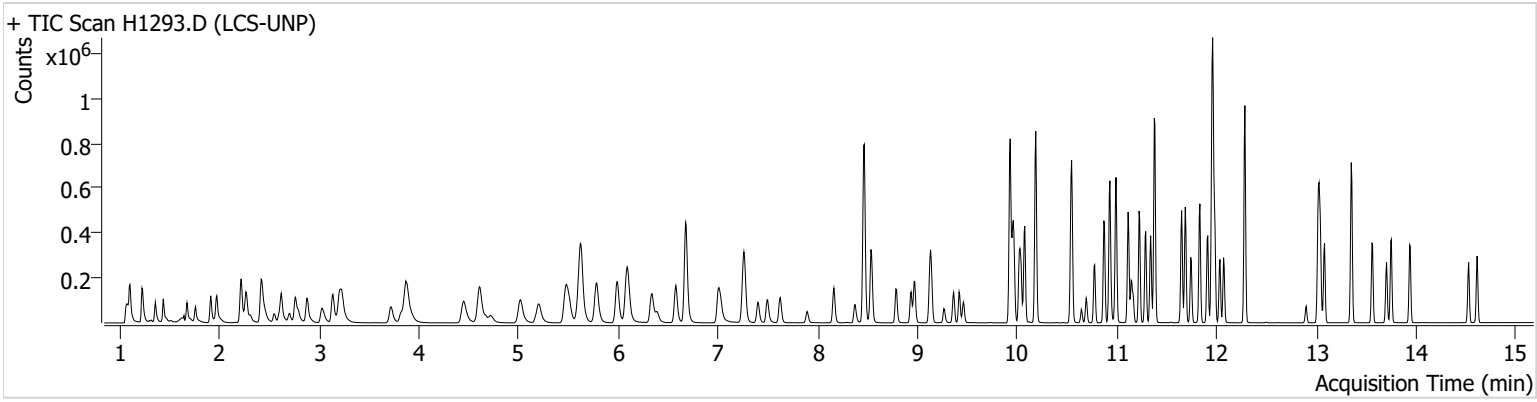


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092325\QuantResults\092325.batch.bin

H1293.D

Acq. Date-Time	9/23/2025 12:33:12 PM	**Name**	LCS-UNP
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/25/2025 9:27:20 AM	**Batch State**	Processed
Report Generation Time	9/25/2025 9:27:49 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:23:25 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092325.batch.bin	**Comment**	
		Dilution	1



Internal Standards	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	263789	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	439513	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	361693	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	196838	50.0000	ug/L

Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.819	0.001	5.464	0.006	137935	48.6807	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	515560	47.0760	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.983	0.005	165112	52.1312	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	177068	54.1421	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	81270	25.1336	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.005	76884	23.9392	ug/L
Chloromethane	50.100	0.241	0.001	1.353	0.003	73671	25.0371	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	79463	23.0652	ug/L
Bromomethane	94.000	0.297	0.000	1.670	0.002	47452	17.8853	ug/L
Chloroethane	64.000	0.312	0.000	1.755	0.002	49387	19.5648	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.908	0.001	103062	19.8379	ug/L
Trichlorofluoromethane	101.000	0.350	0.000	1.965	0.002	96473	20.5075	ug/L
Freon 123a	117.000	0.394	0.000	2.210	0.001	52844	18.8482	ug/L
Diethyl Ether	59.000	0.395	0.000	2.216	0.002	46256	19.1599	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	81692	19.3784	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.000	13110	77.1297	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.003	87852	20.5780	ug/L
Freon 113	101.000	0.432	0.000	2.425	0.002	57260	19.5000	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	25101	21.2762	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	48562	15.1206	ug/L
2-Propanol	45.000	0.463	0.000	2.602	0.001	67199	388.7845	ug/L
Carbon Disulfide	75.900	0.465	0.001	2.611	0.003	148686	20.7905	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.751	0.000	119667 LT	124.6187	ug/L
Methyl Acetate	43.000	0.496	0.000	2.785	0.001	53886	23.0256	ug/L

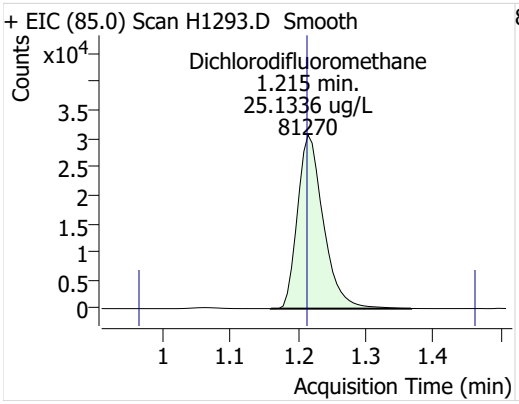
Masshunter Quantitative Analysis Sample Report

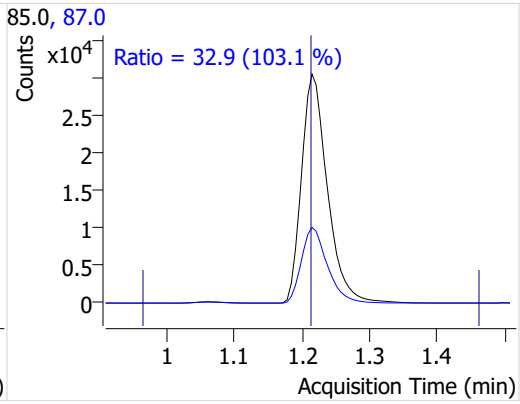
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.873	0.003	56155	19.5909	ug/L
TBA	59.000	0.539	0.001	3.026	0.003	89835	336.7299	ug/L
Acrylonitrile	53.000	0.557	0.001	3.129	0.003	127131	104.7648	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.190	0.000	75377	19.9495	ug/L
MTBE	73.000	0.573	0.001	3.221	0.004	148916	18.8621	ug/L
1,1-Dichloroethane	63.000	0.661	0.001	3.714	0.004	103245	21.3277	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.818	0.000	79526	19.4677	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.000	3.855	0.002	51577	22.6867	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.879	0.001	166618	20.1510	ug/L
ETBE	59.000	0.791	0.000	4.445	0.000	145108	18.7536	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.602	0.000	63773	21.1209	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.604	0.001	71182	19.6825	ug/L
2-Butanone	43.000	0.832	0.000	4.671	0.002	30188	20.3337	ug/L
Propionitrile	54.000	0.839	0.000	4.714	0.001	48927	104.9147	ug/L
Bromochloromethane	129.900	0.891	0.000	5.007	0.001	39904	18.8115	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.017	0.000	23772	19.5695	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.173	0.008	18375	20.4039	ug/L
Chloroform	83.000	0.925	0.000	5.196	0.000	99305	19.9444	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.495	0.000	83548	20.4516	ug/L
Cyclohexane	84.000	0.839	0.001	5.598	0.006	84927	20.2046	ug/L
Carbon Tetrachloride	116.900	0.865	0.001	5.773	0.005	72937	19.4078	ug/L
1,1-Dichloropropene	75.000	0.866	0.001	5.775	0.006	71799	20.5365	ug/L
Benzene	78.000	0.910	0.001	6.074	0.006	213590	20.3055	ug/L
1,2-Dichloroethane	62.000	0.913	0.001	6.092	0.006	82985	20.3996	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.094	0.006	39367	430.6217	ug/L
TAME	73.000	1.127	0.001	6.330	0.007	126266	17.5848	ug/L
n-Heptane	43.000	0.985	0.001	6.571	0.004	83559	23.9860	ug/L
Trichloroethene	129.900	1.048	0.001	6.994	0.006	57867	17.8984	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.003	60165	831.1117	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	79051	20.7289	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.263	0.000	60660	20.9709	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.003	35174	17.0372	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	14386	337.8983	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	37042	18.6693	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	76112	19.8437	ug/L
2-Nitropropane	43.000	1.182	0.000	7.888	0.003	34427	40.0957	ug/L
2-Chloroethylvinyl Ether	63.000	1.194	0.008	7.967	0.054	606	0.7018	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	80542	21.1123	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	58701	20.9959	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	229388	19.9269	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.781	0.000	73004	21.7807	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	61941	17.7124	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	51987	19.5960	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	55455	20.3067	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	90071	21.5393	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	20649	20.2067	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	60957	20.9203	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	84998	21.7730	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	52693	21.7058	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	150034	19.8028	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.002	66439	16.8381	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.002	63417	16.9453	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	56002	21.2308	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	250663	21.3944	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	394652	44.7162	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.001	196682	20.8720	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	168470	21.2749	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	37999	21.3203	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	65564	16.5951	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	248610	23.3593	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	211020	474.8593	ug/L

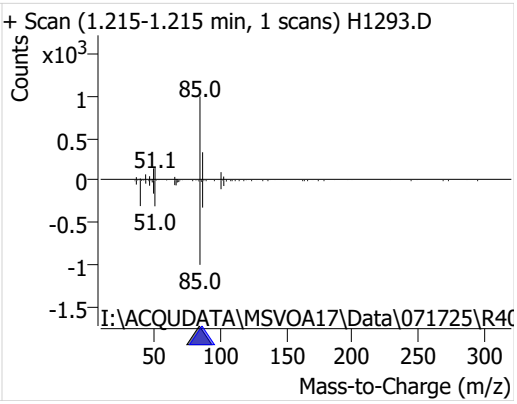
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	68221	21.8297	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	63547	20.4278	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.003	83164	21.5302	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	18994	22.7267	ug/L
Propyl Benzene	91.100	0.938	0.000	11.213	0.003	303023	24.2693	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.280	0.005	173556	23.1094	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.005	148710	19.6629	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	219495	23.0518	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	236903	23.1907	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	217252	23.1454	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.005	221427	23.7378	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.006	50033	18.0959	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	290291	24.1814	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.902	0.005	123442	20.8335	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.945	0.006	249997	24.1175	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	128324	20.5577	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	44735	17.5318	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.005	51387	17.4994	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	121491	20.9871	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	231291	24.8154	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	14608	18.7743	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	309958	58.6086	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	80688	17.9580	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.006	227110	39.8927	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	84544	20.1943	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	34061	21.8519	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	231521	21.7291	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	81856	20.2729	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	54915	18.3660	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.007	54363	20.3873	ug/L

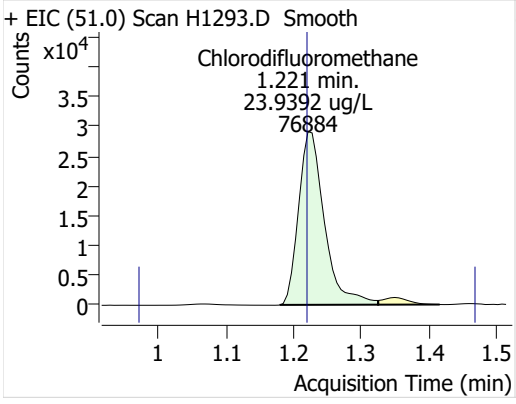
Dichlorodifluoromethane

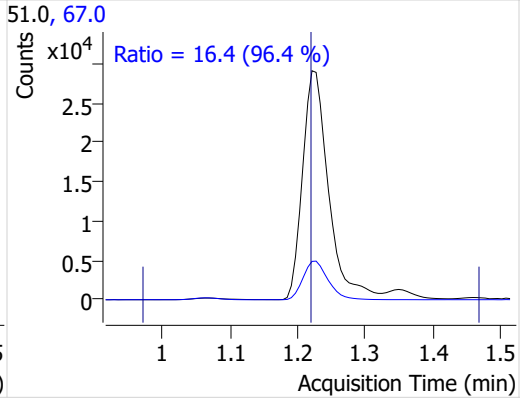


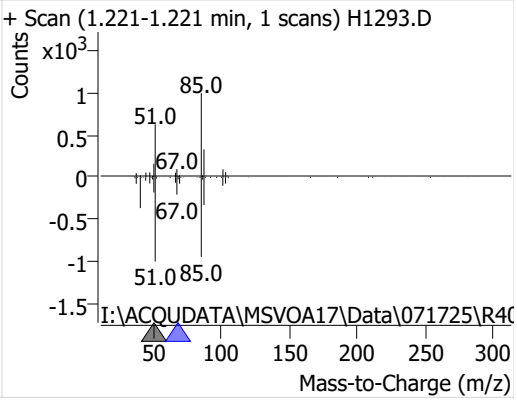




Chlorodifluoromethane

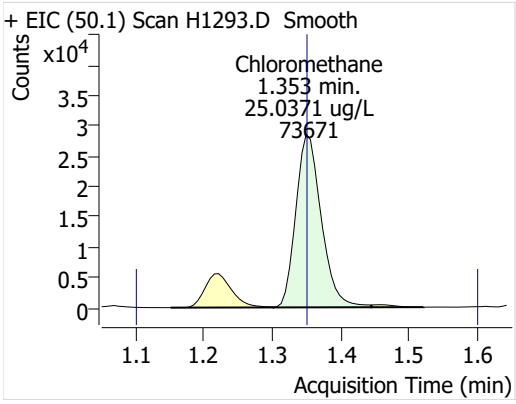


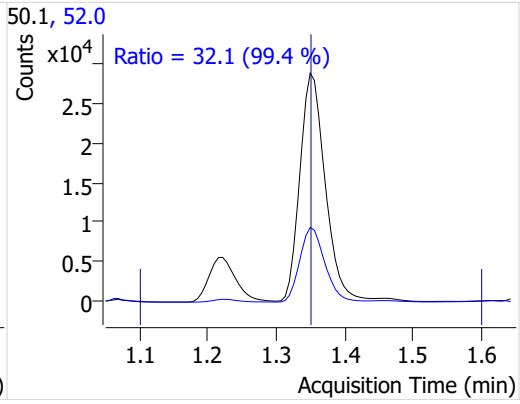


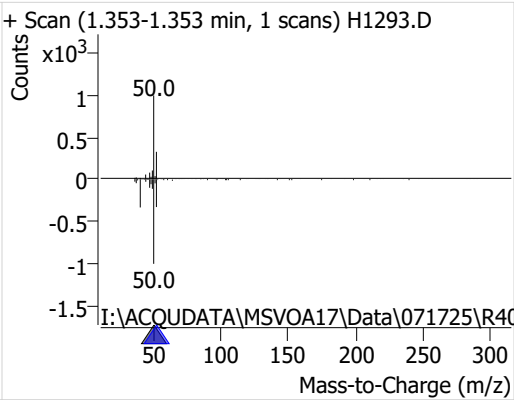


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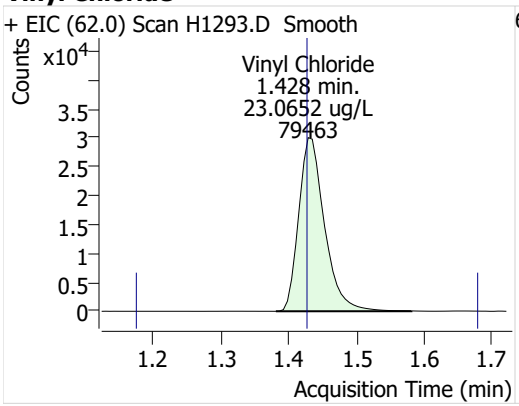
Chloromethane

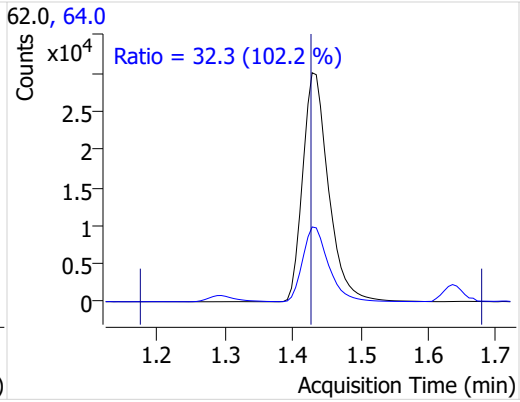


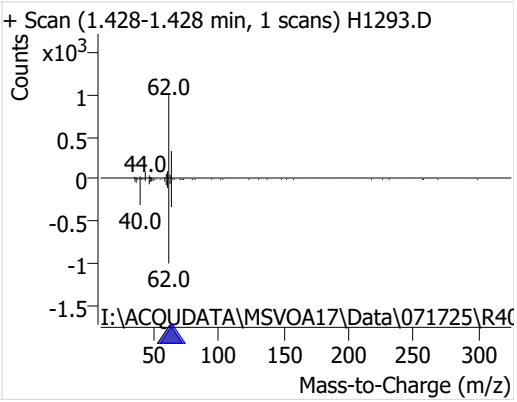




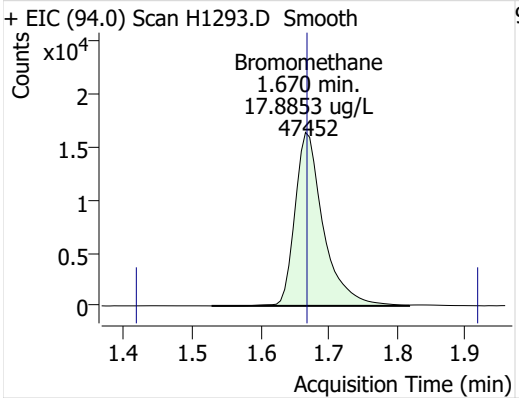
Vinyl Chloride

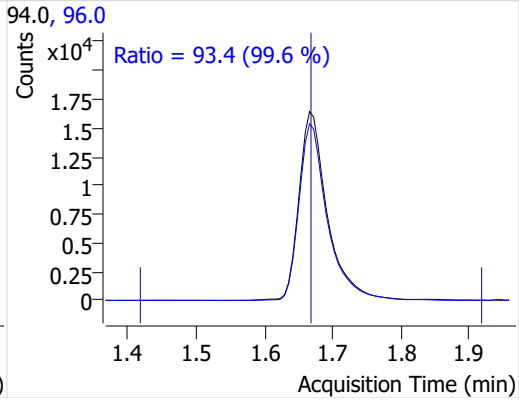


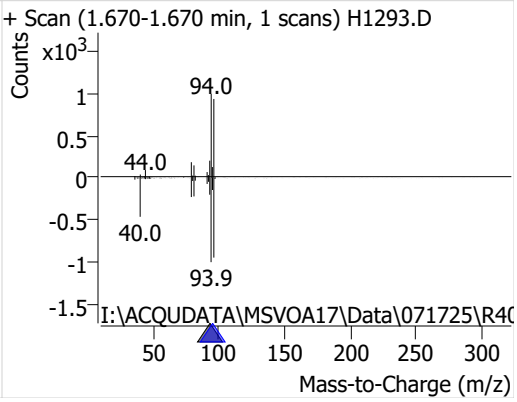




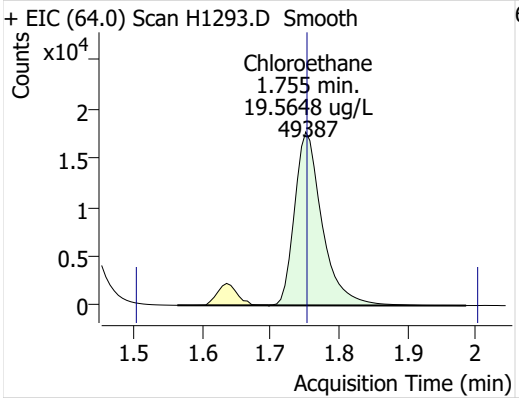
Bromomethane

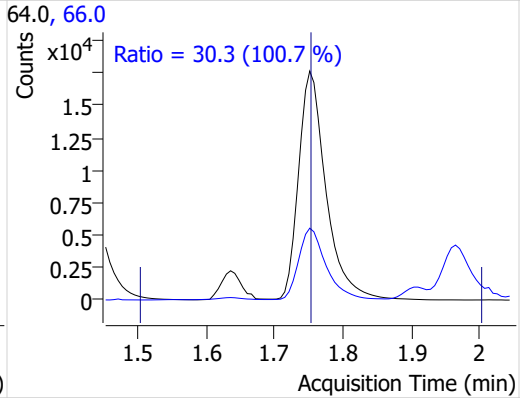


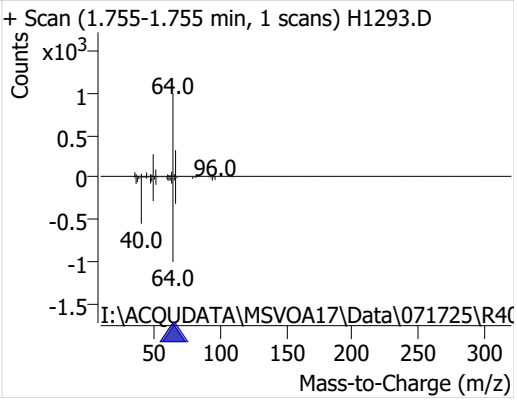




Chloroethane

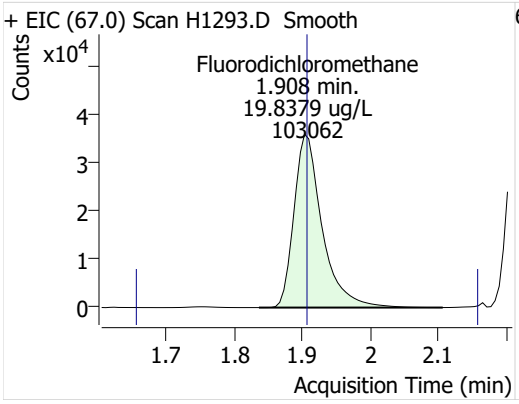


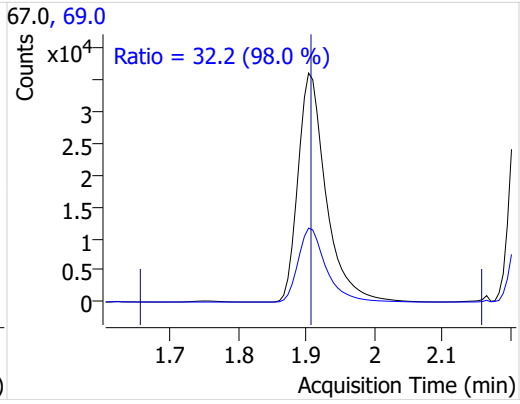


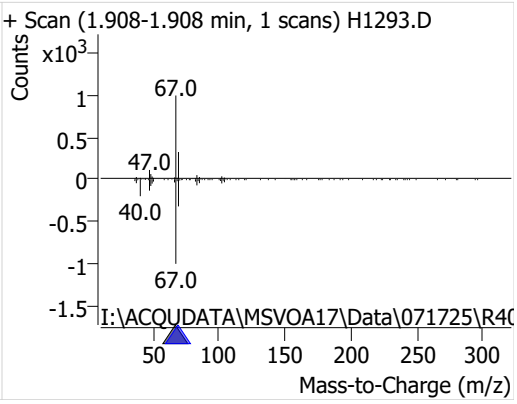


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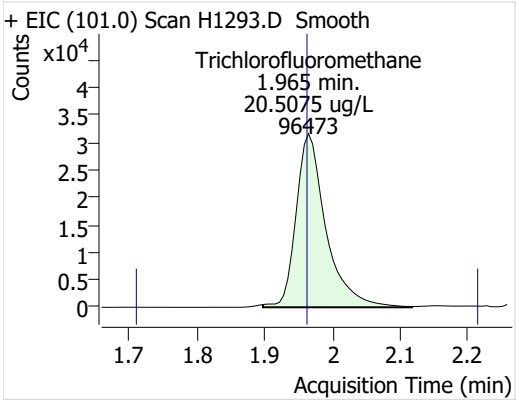
Fluorodichloromethane

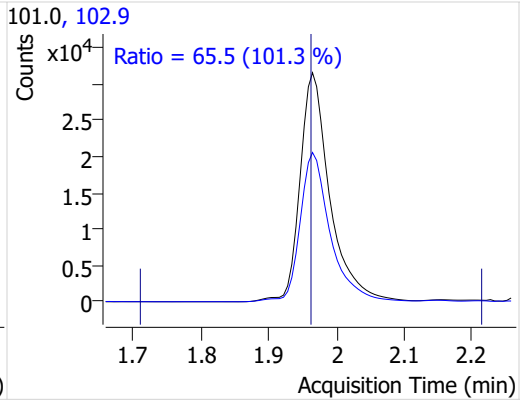


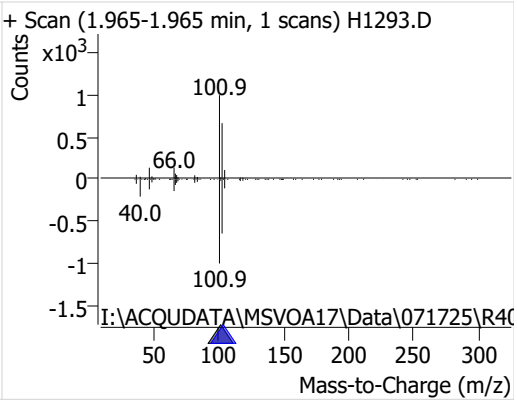




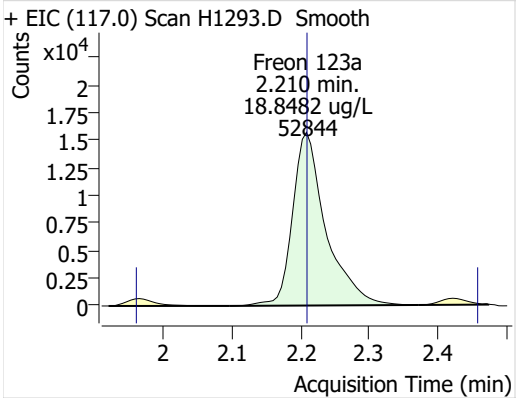
Trichlorofluoromethane

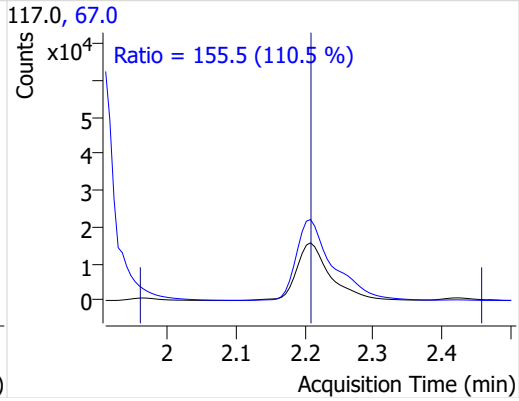


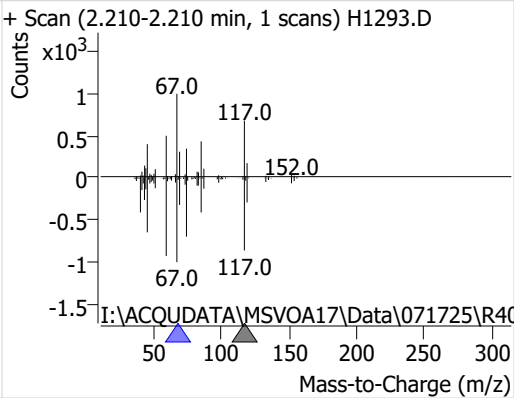




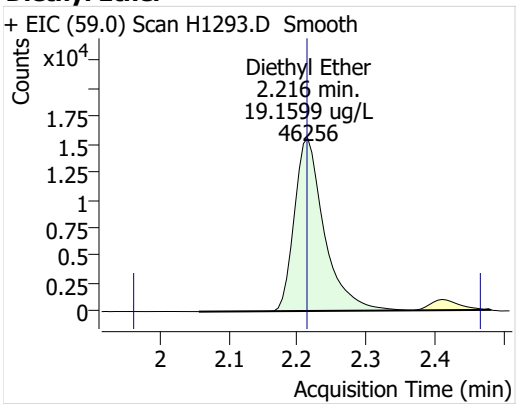
Freon 123a

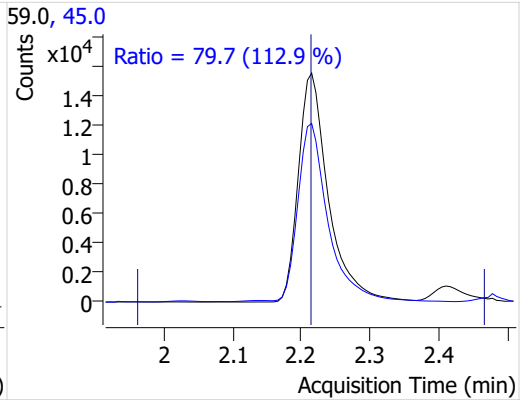


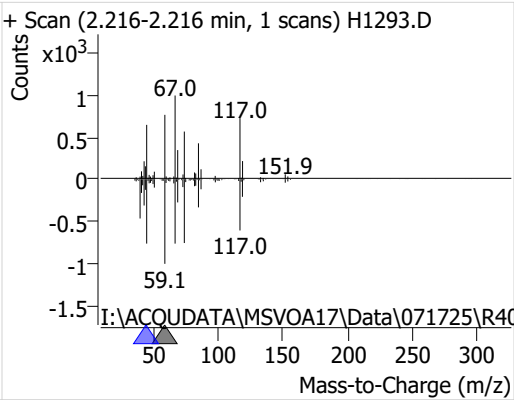




Diethyl Ether

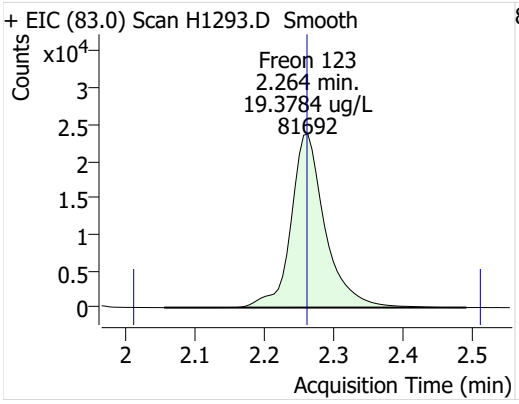


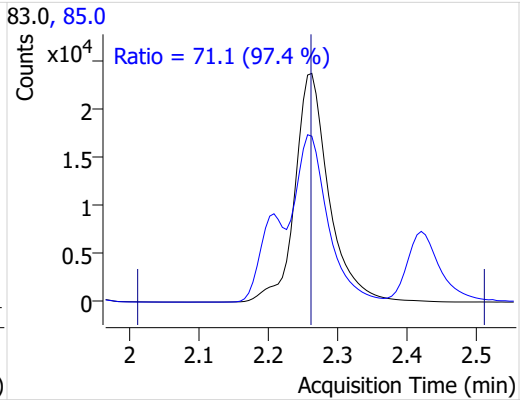


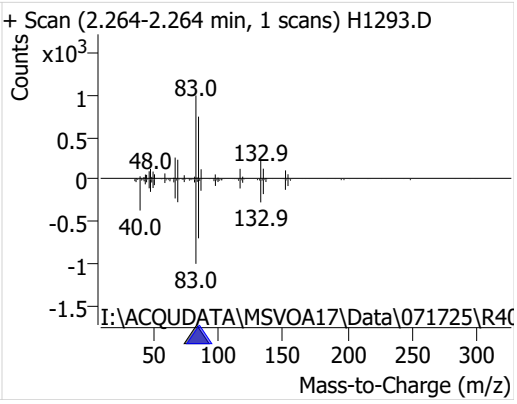


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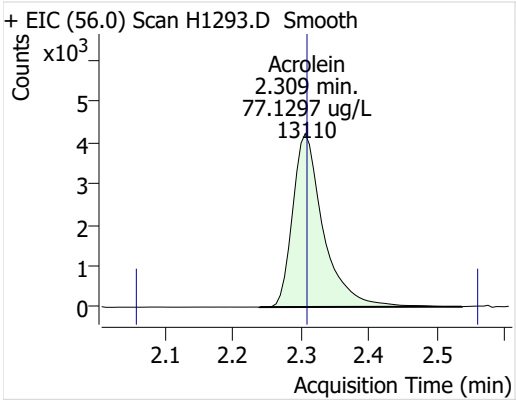
Freon 123

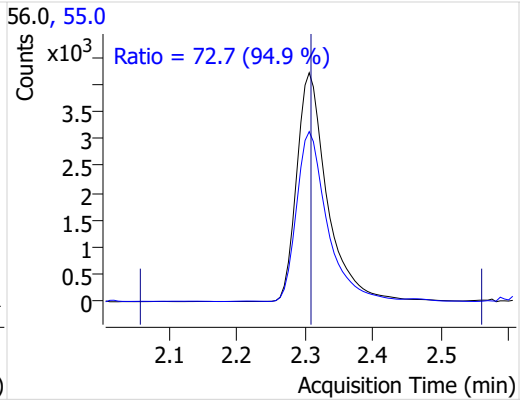


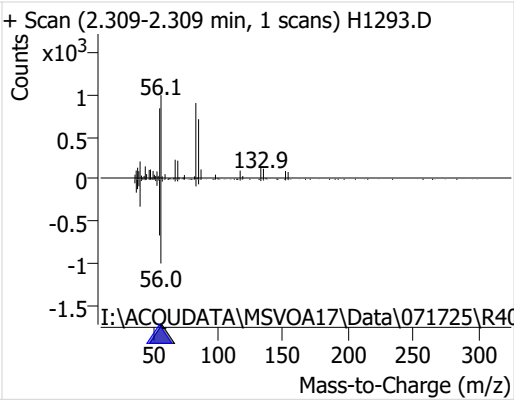




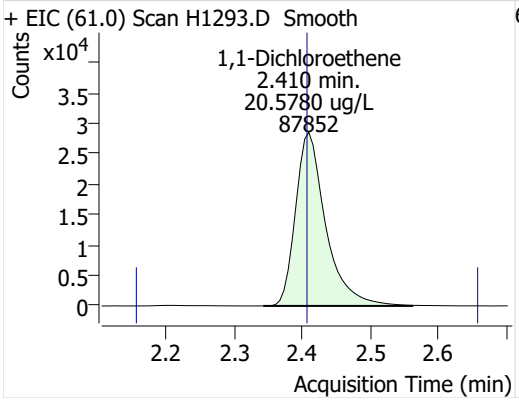
Acrolein

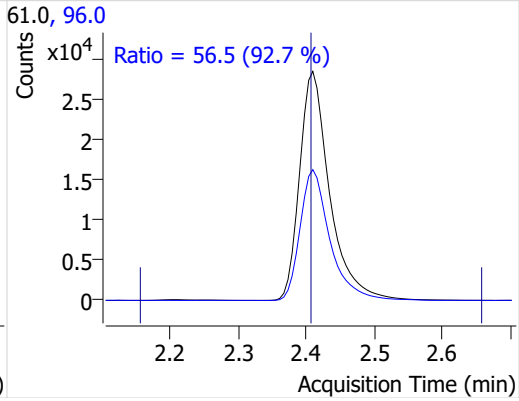


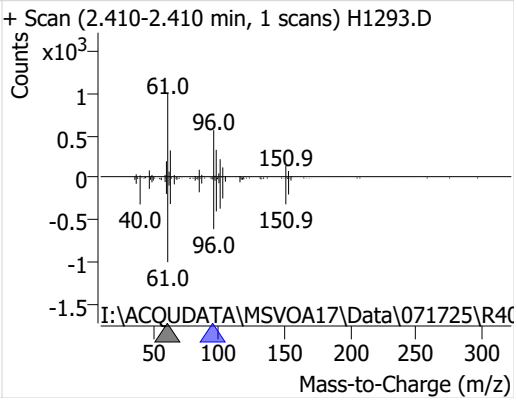




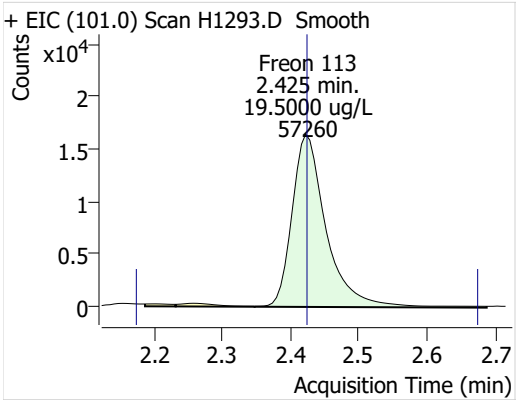
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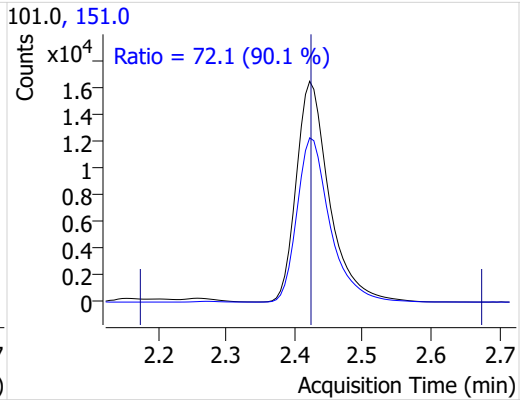


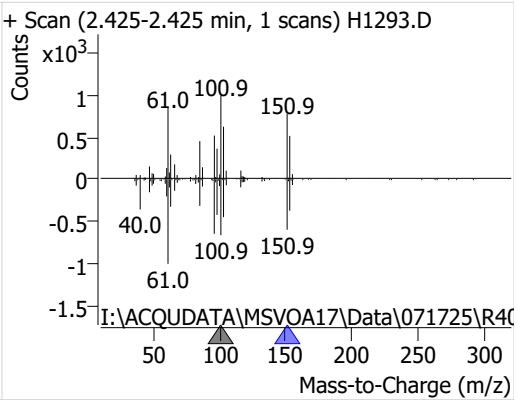




Freon 113

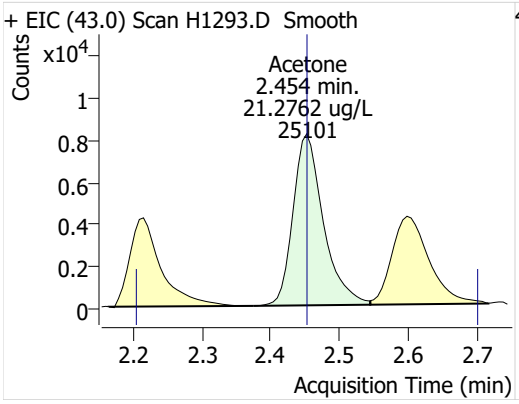


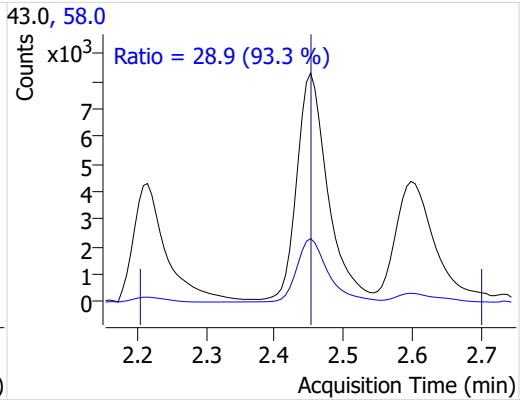


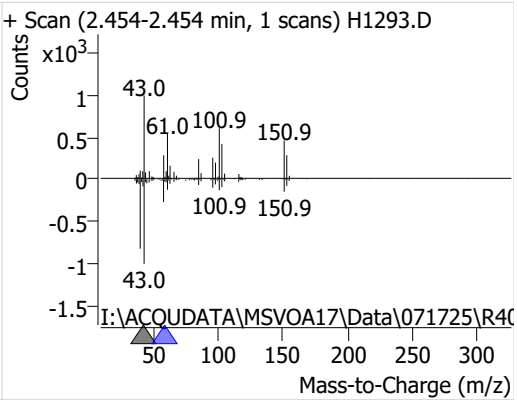


Masshunter Quantitative Analysis Sample Report

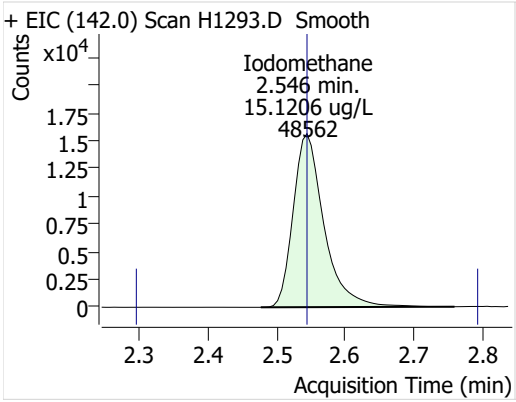
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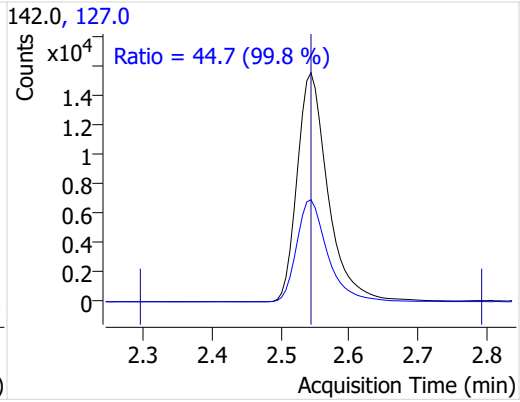


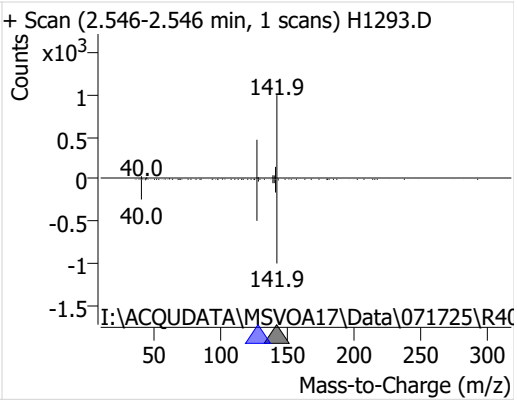




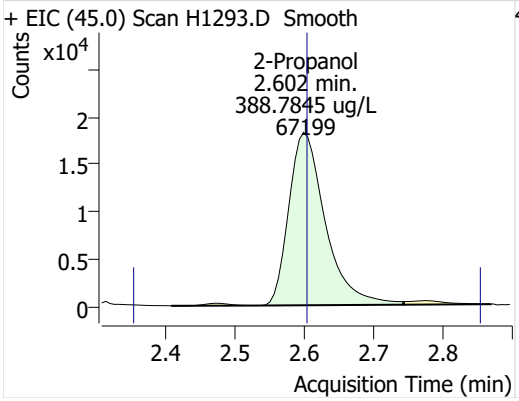
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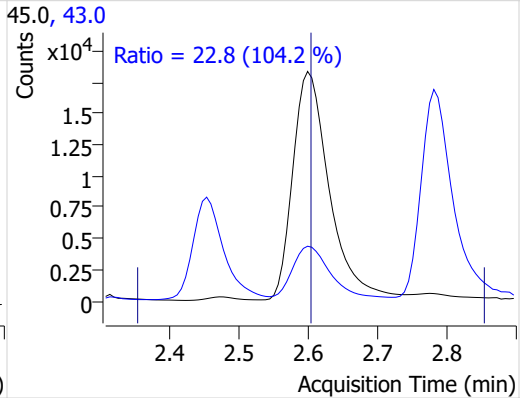


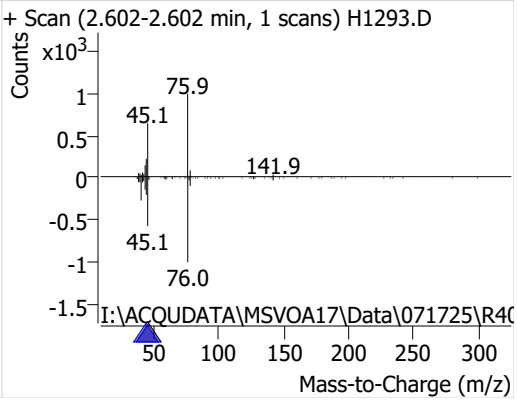




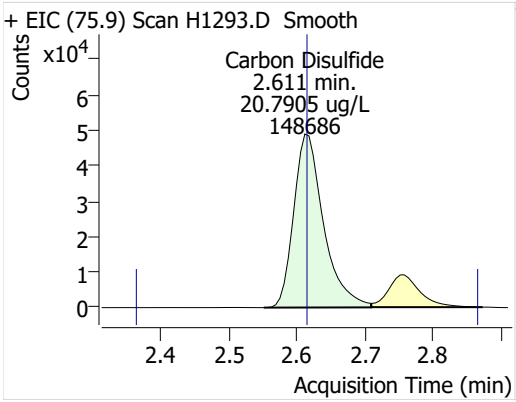
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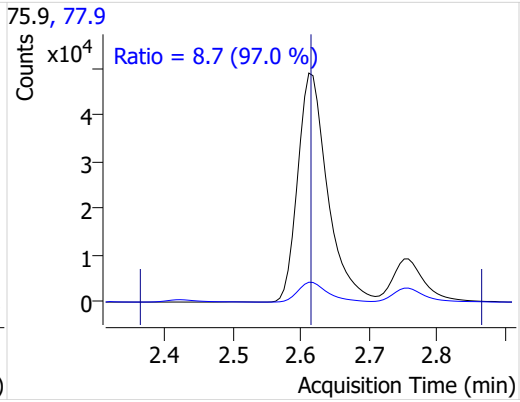


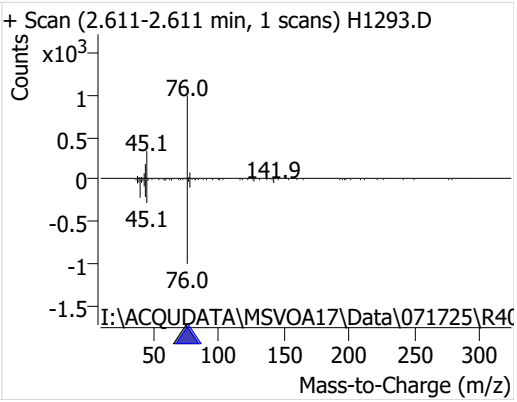




Carbon Disulfide

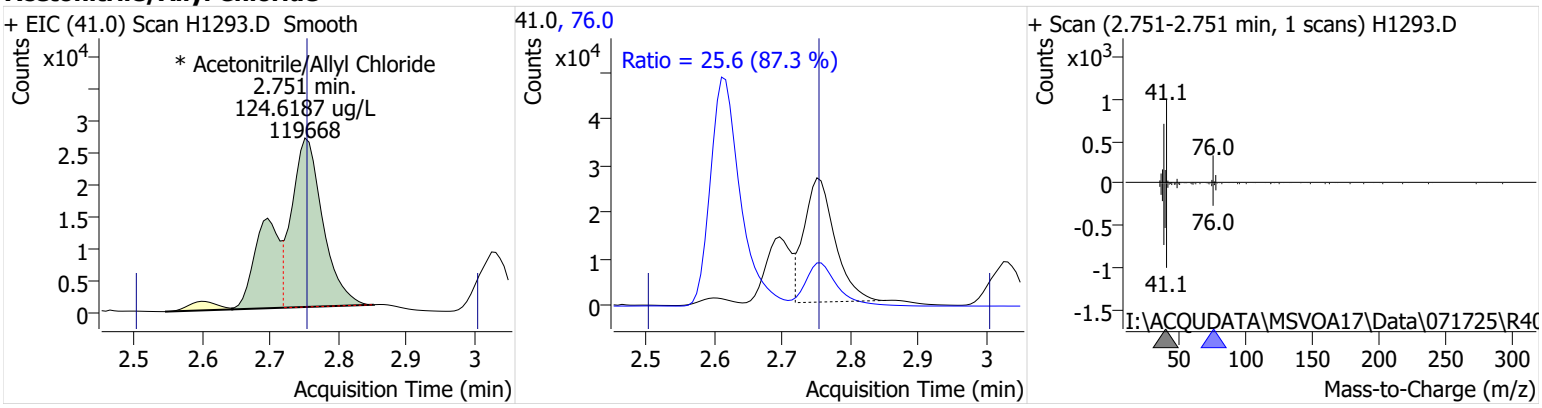




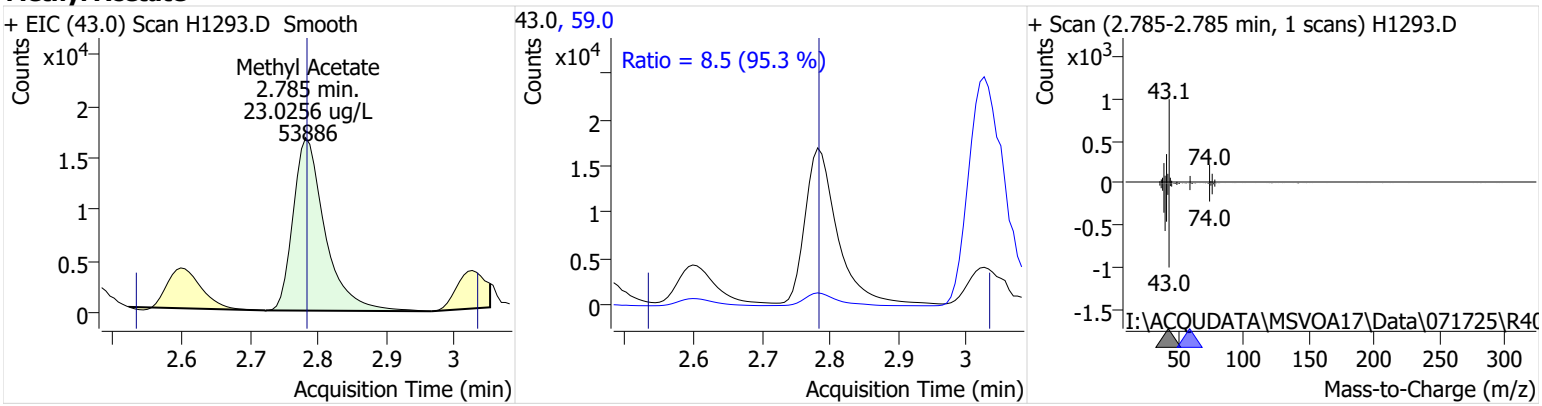


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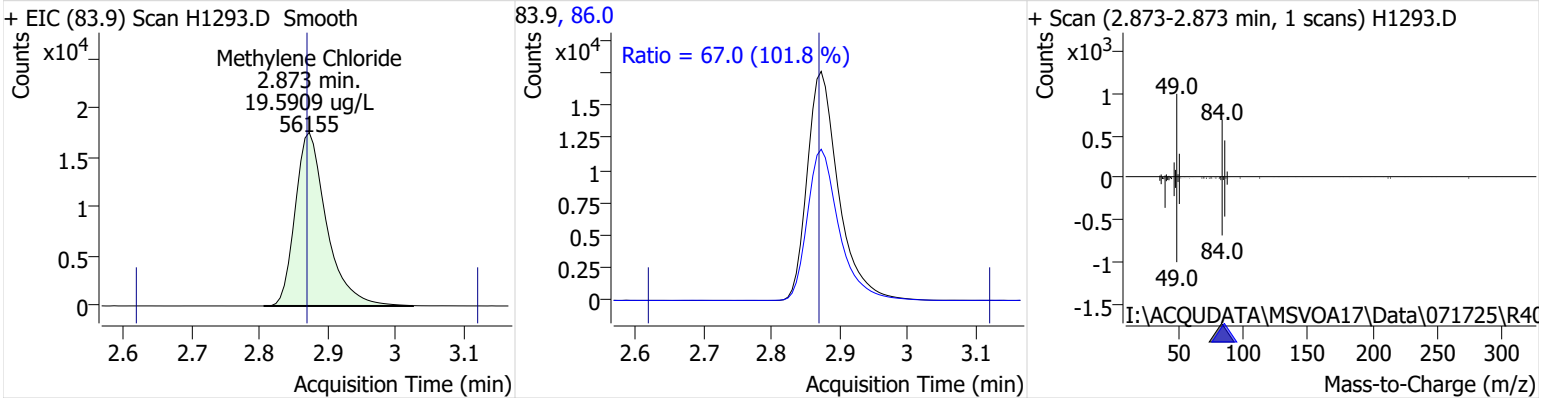
Acetonitrile/Allyl Chloride



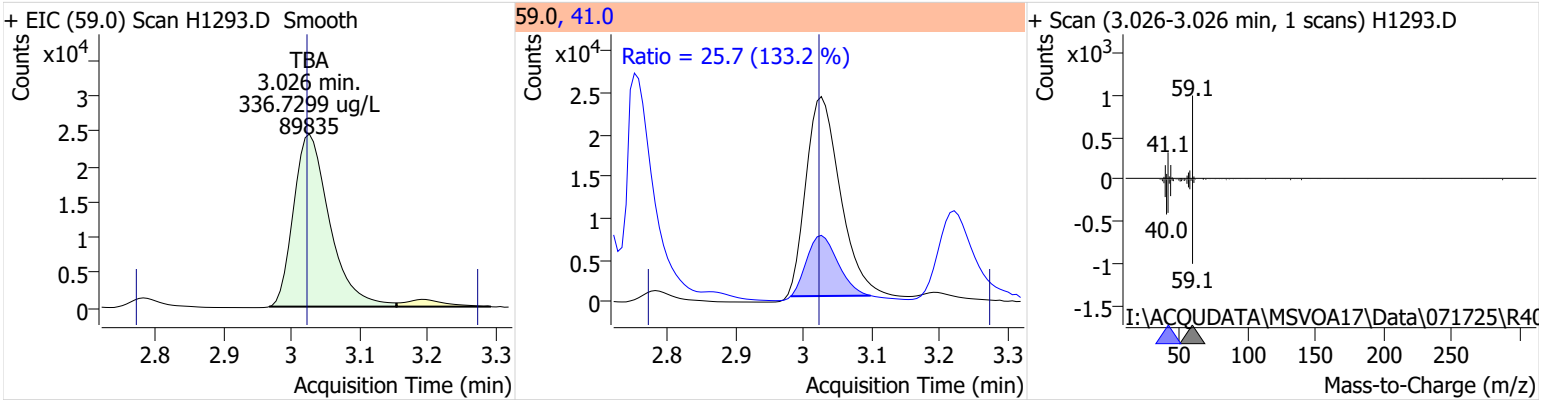
Methyl Acetate



Methylene Chloride

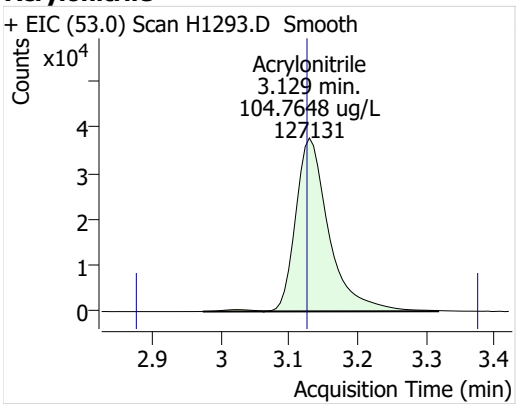


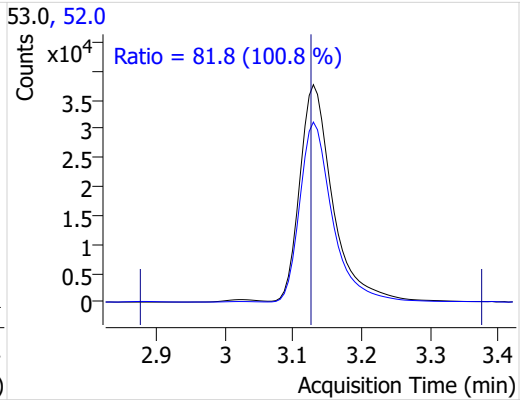
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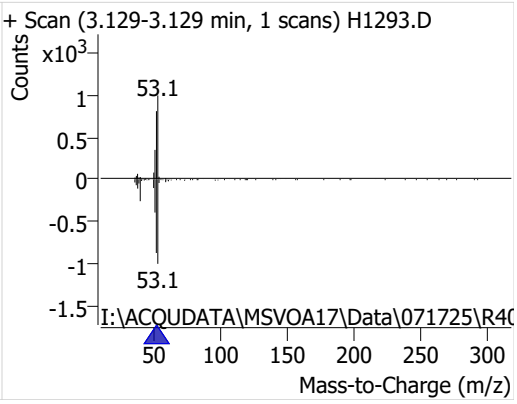


Masshunter Quantitative Analysis Sample Report

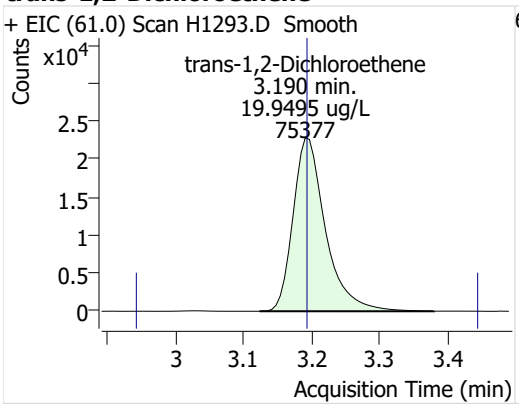
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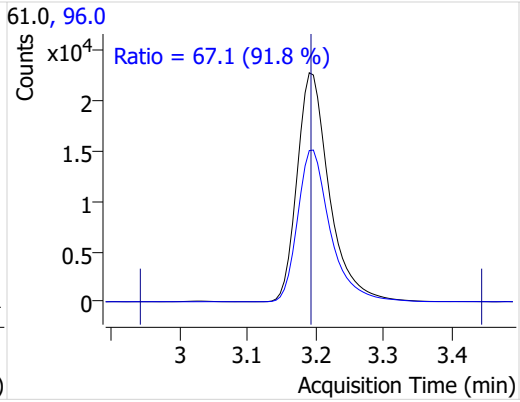


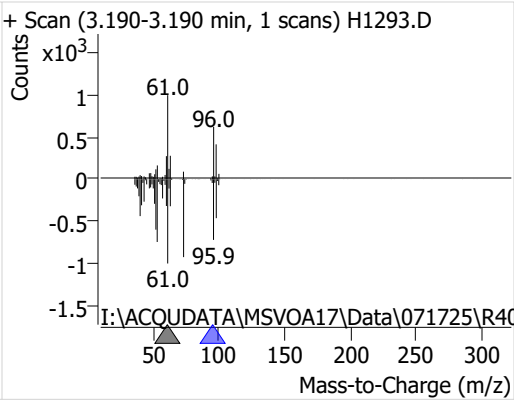




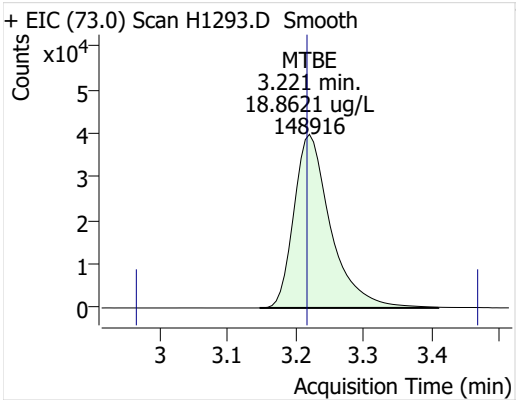
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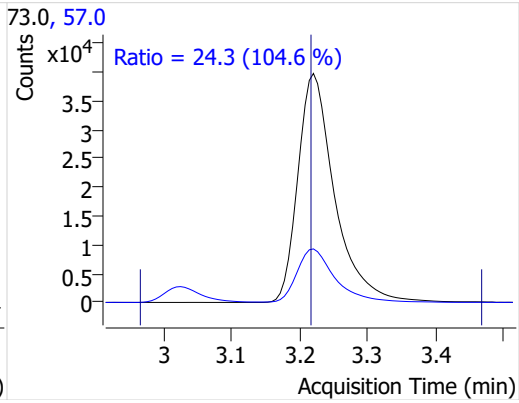


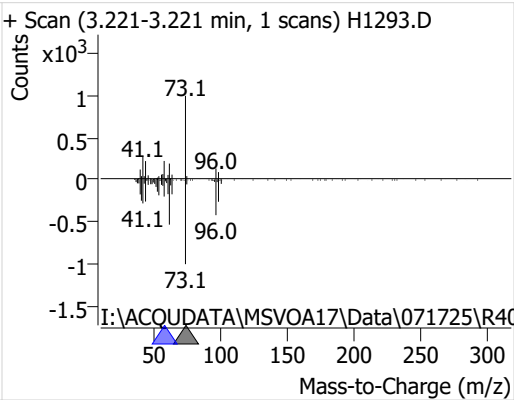




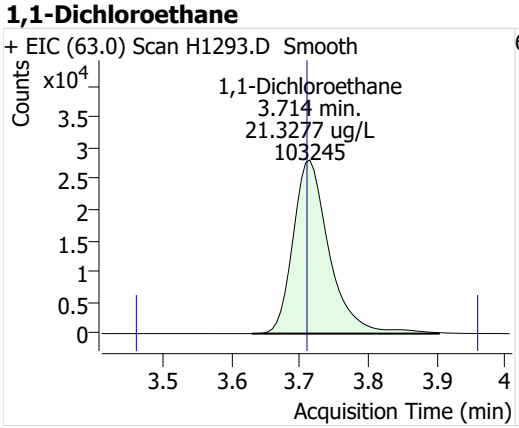
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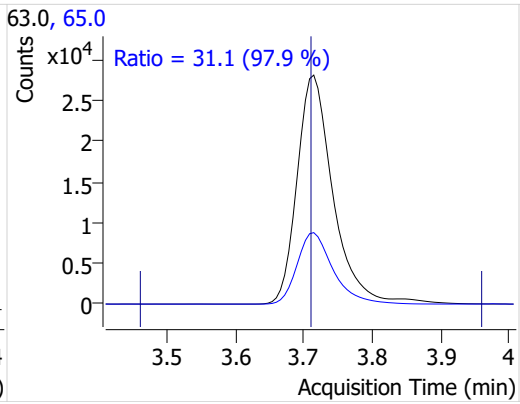


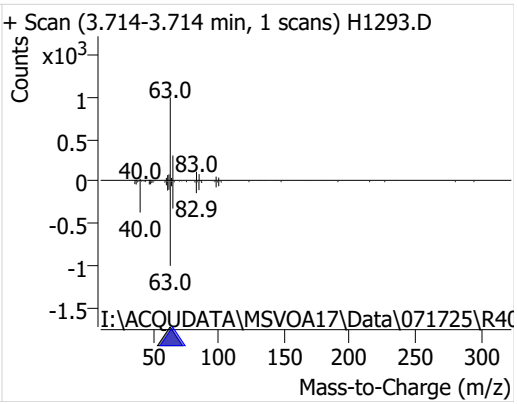




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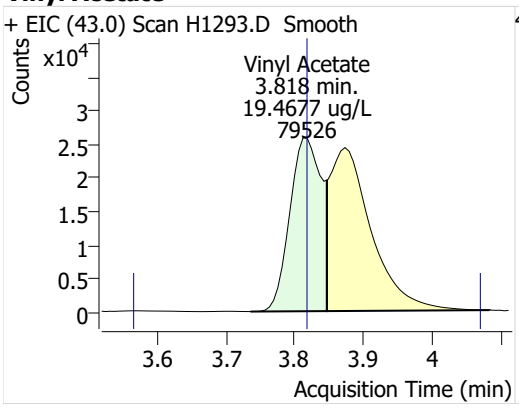


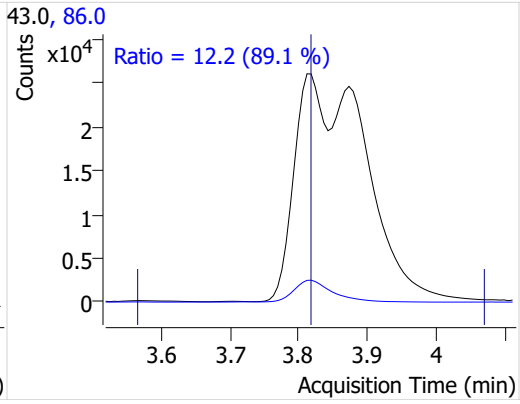


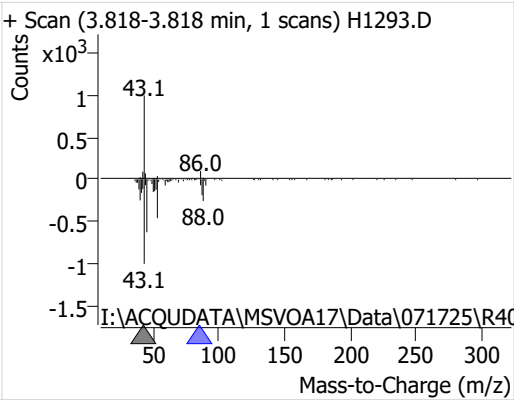


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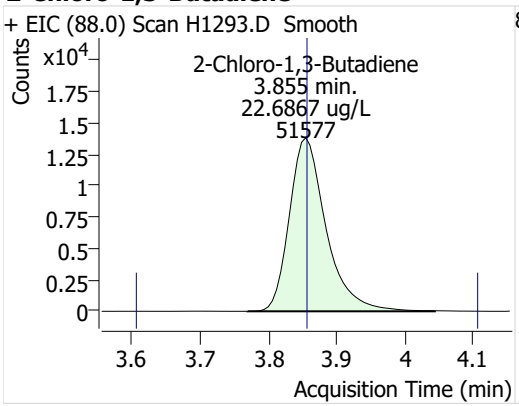
Vinyl Acetate

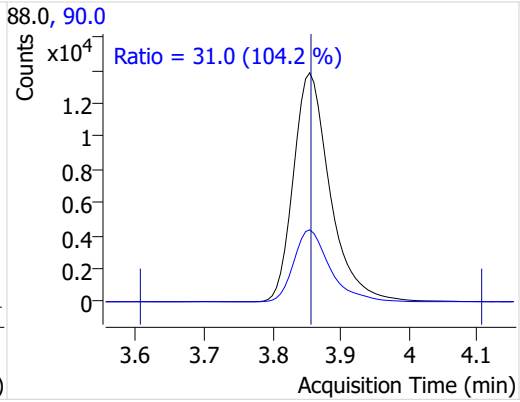


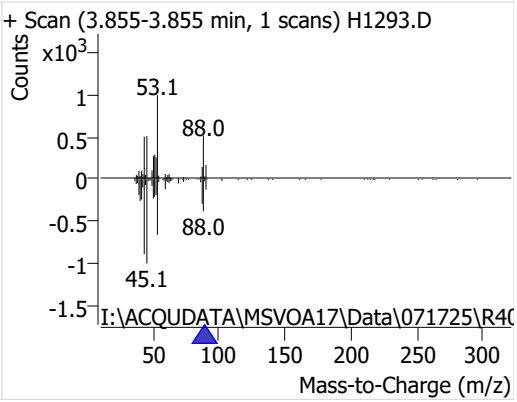




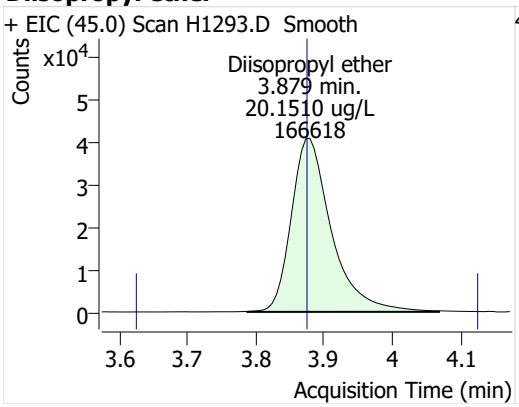
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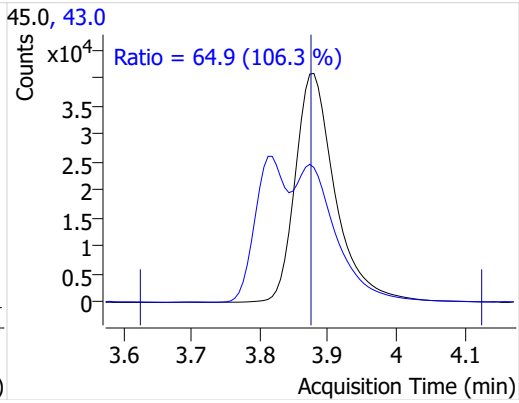


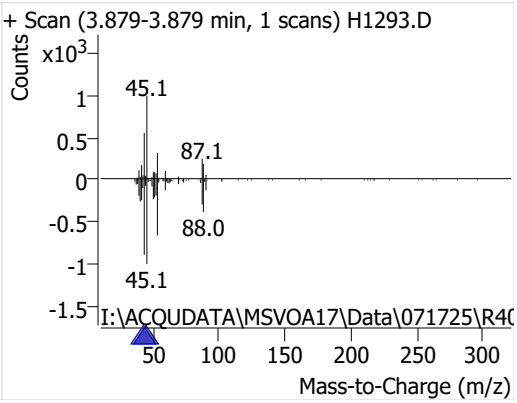




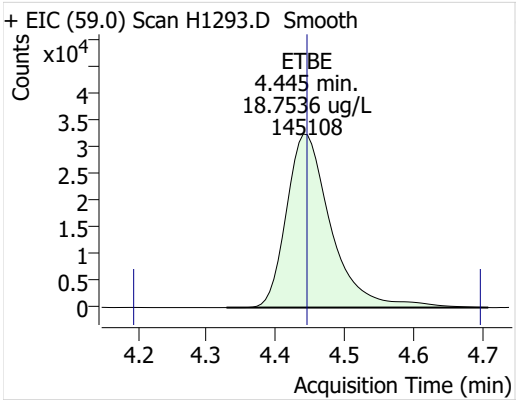
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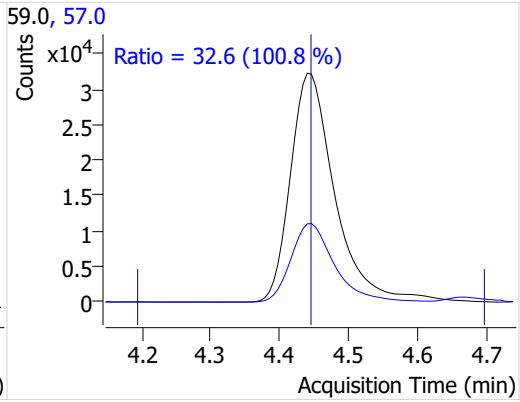


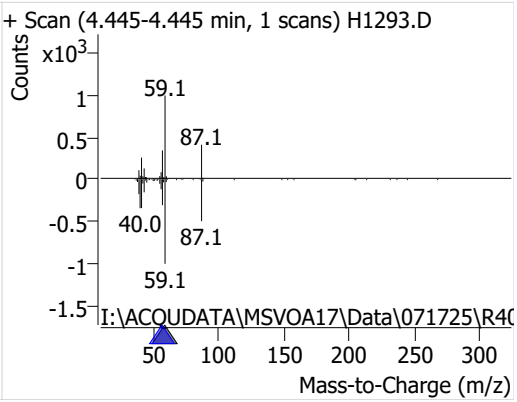




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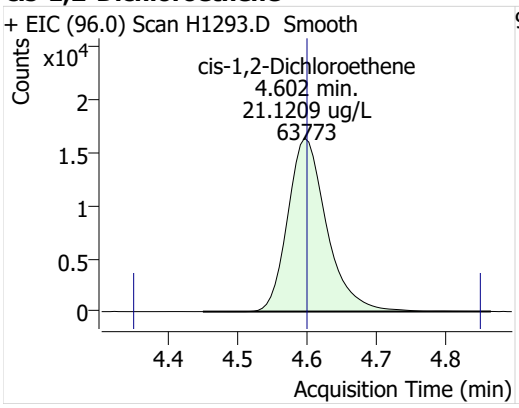


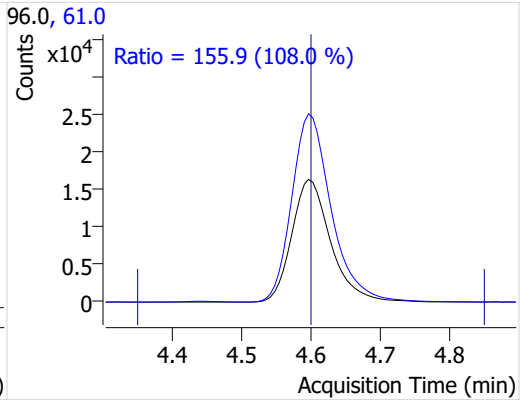


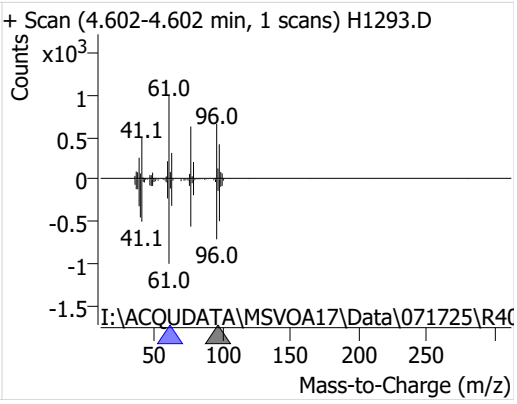


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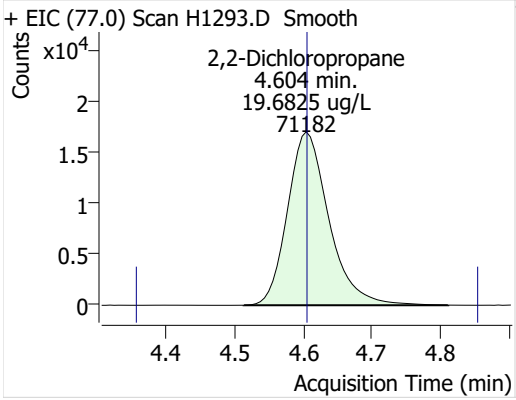
cis-1,2-Dichloroethene

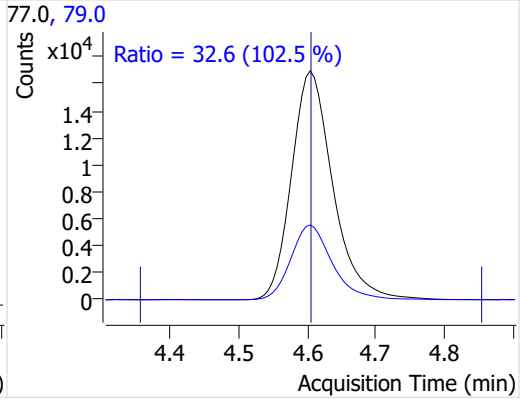


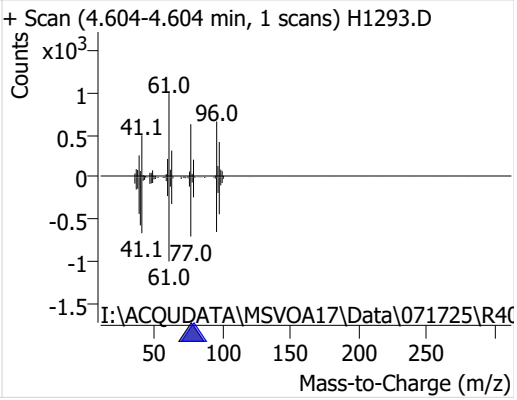




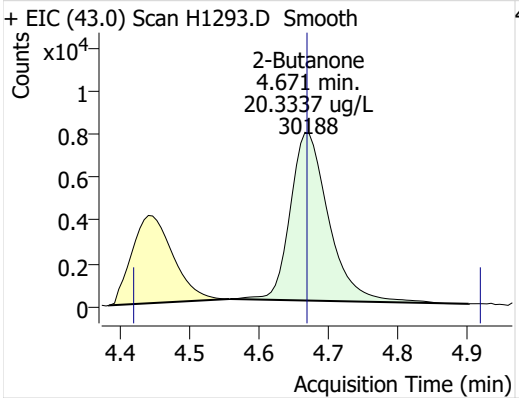
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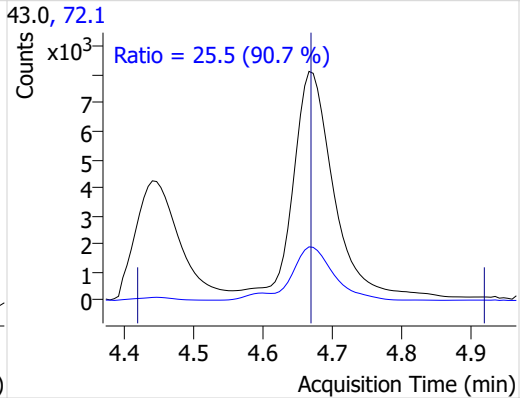


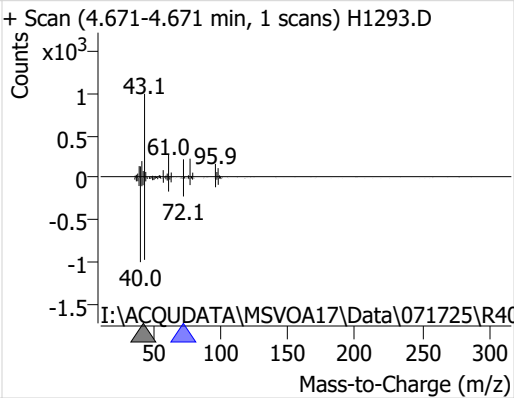




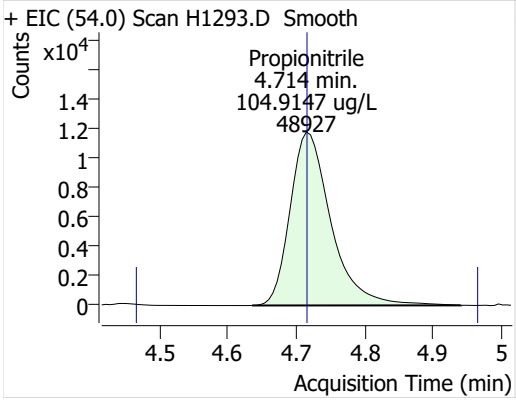
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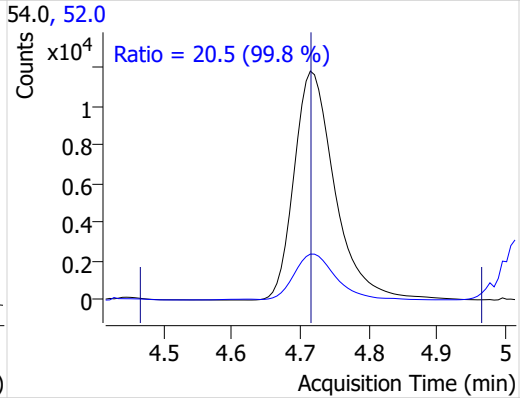


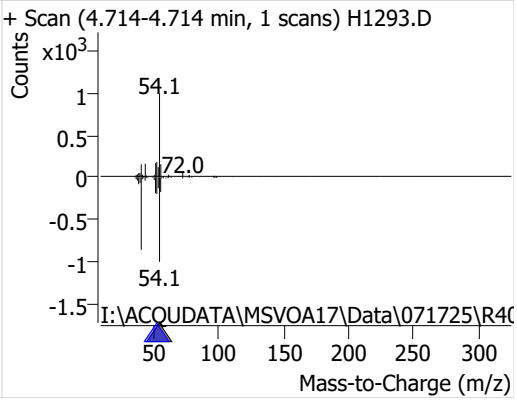




Propionitrile

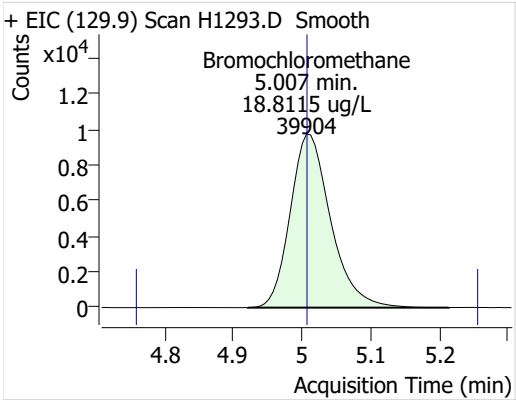


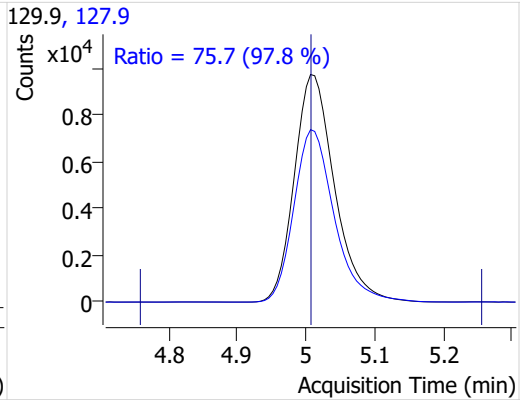


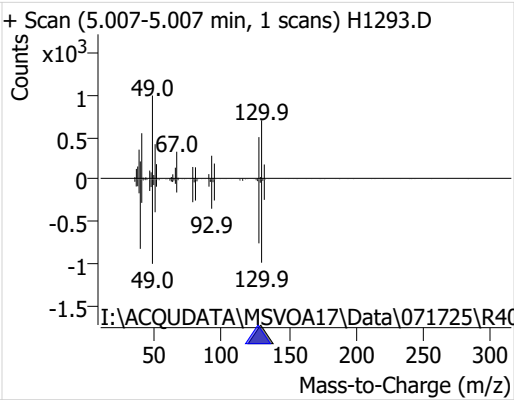


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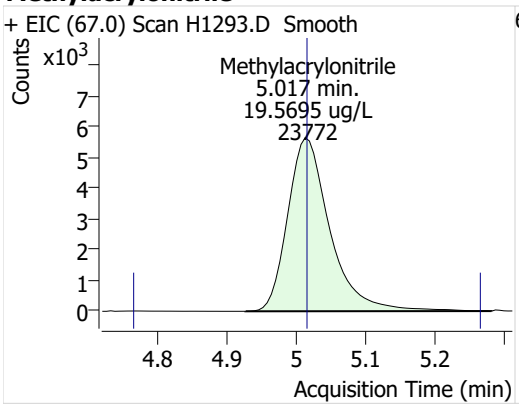
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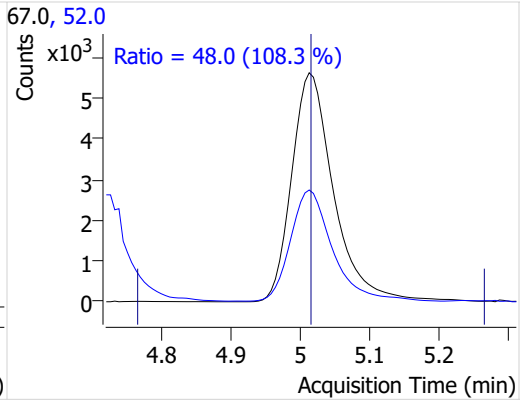


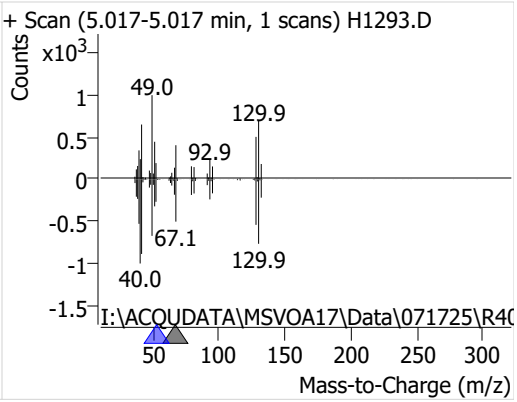




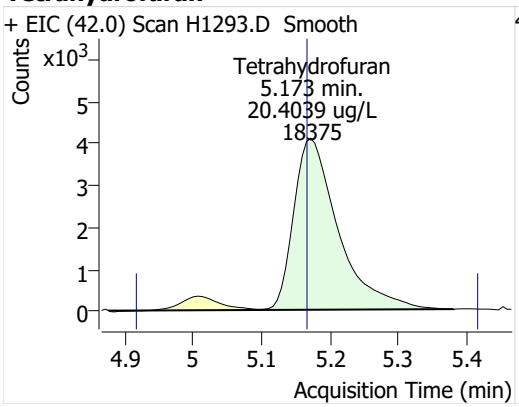
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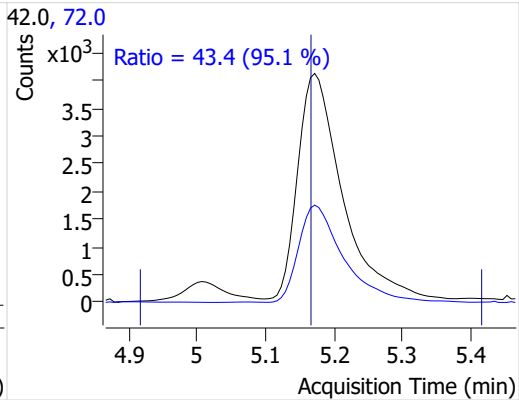


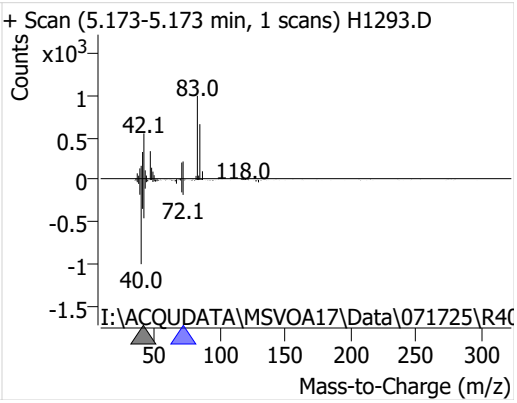




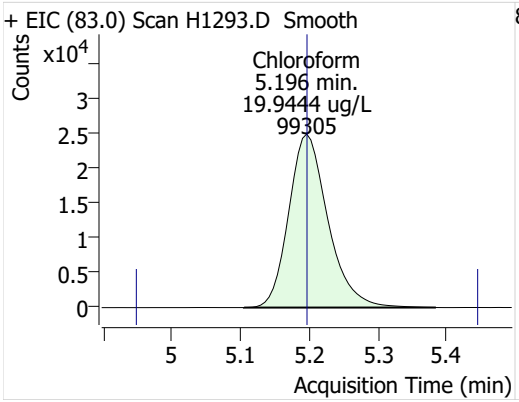
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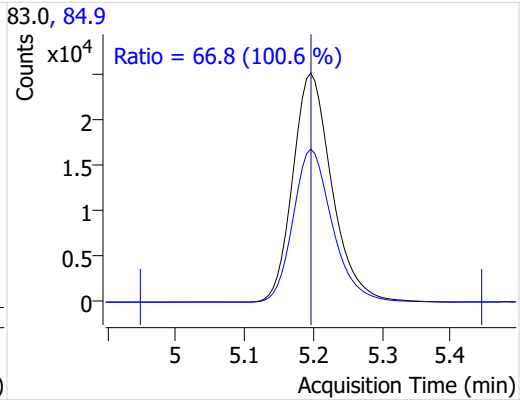


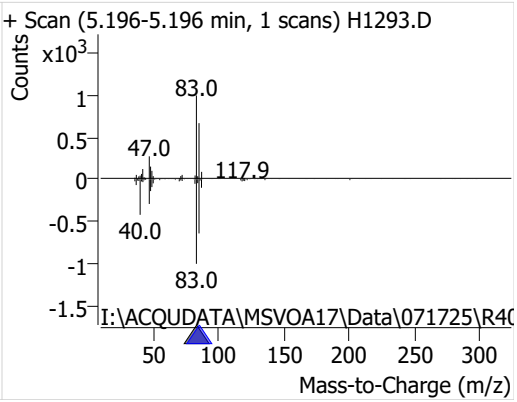




Chloroform

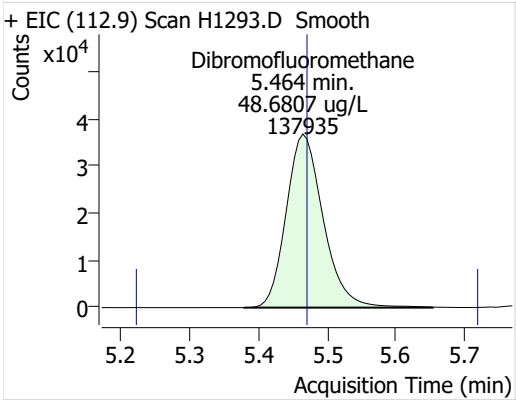


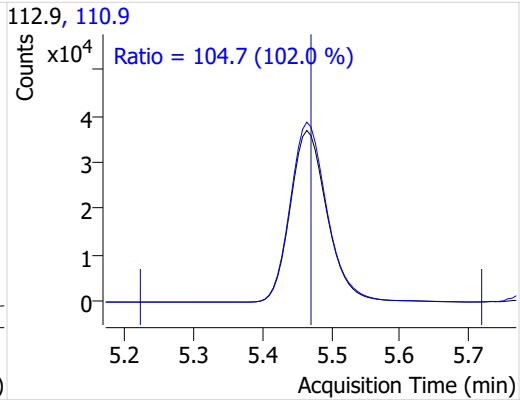


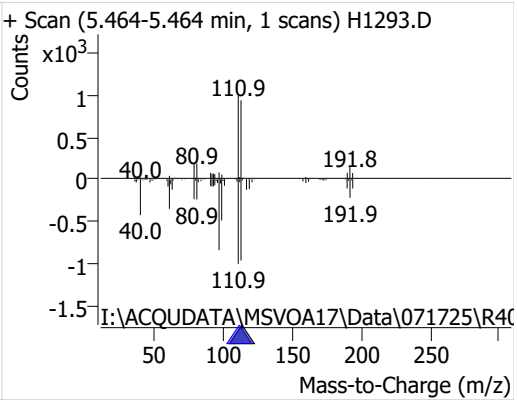


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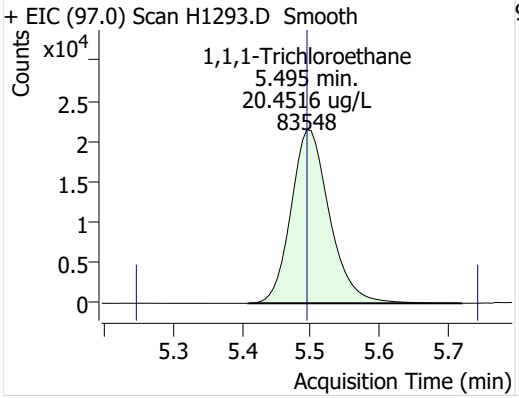
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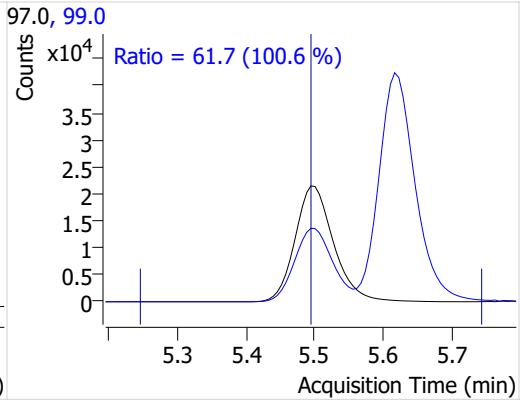


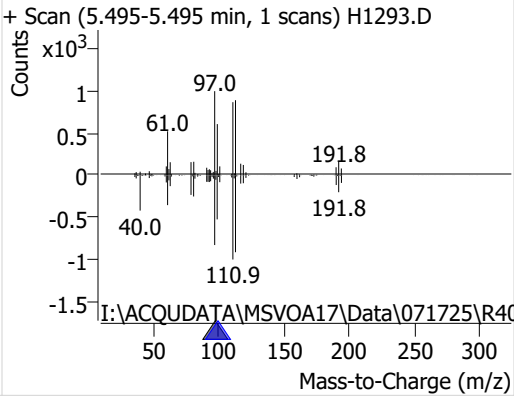




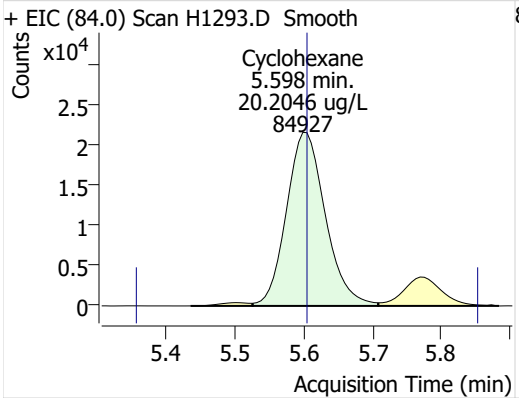
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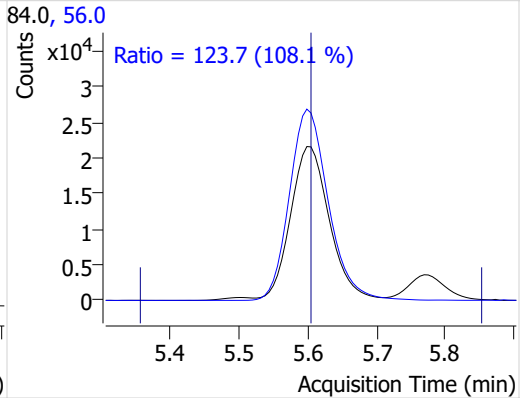


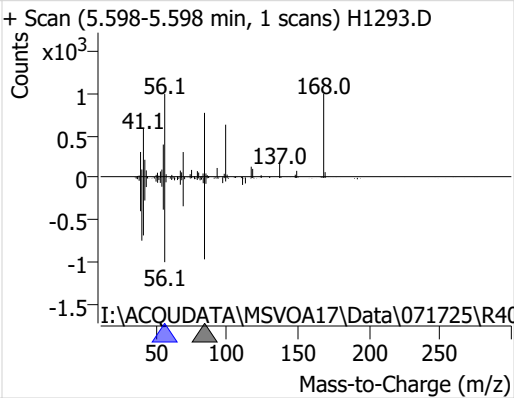




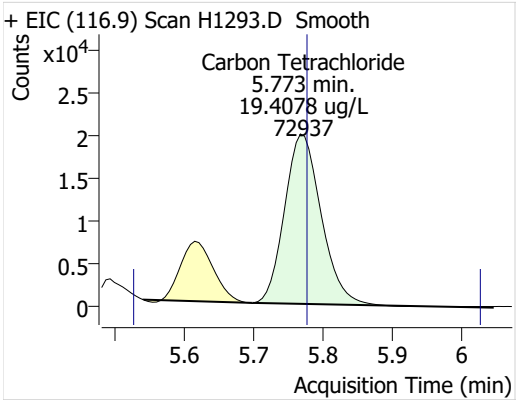
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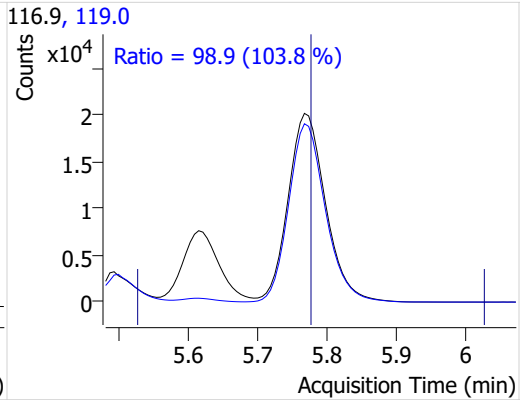


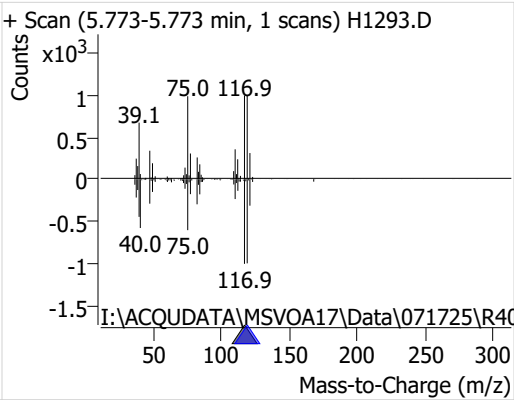




Carbon Tetrachloride

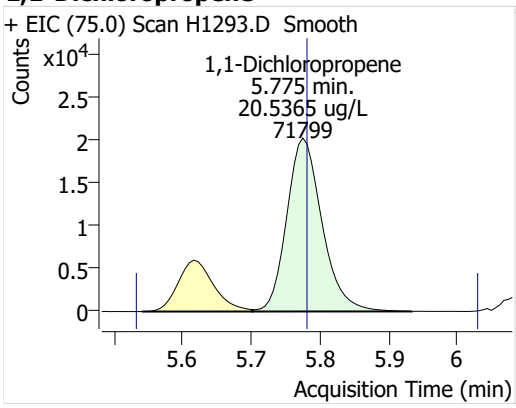


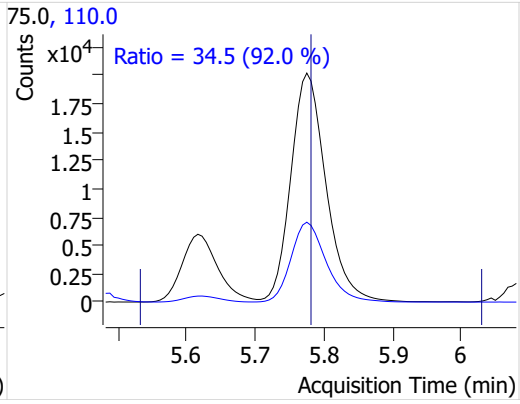


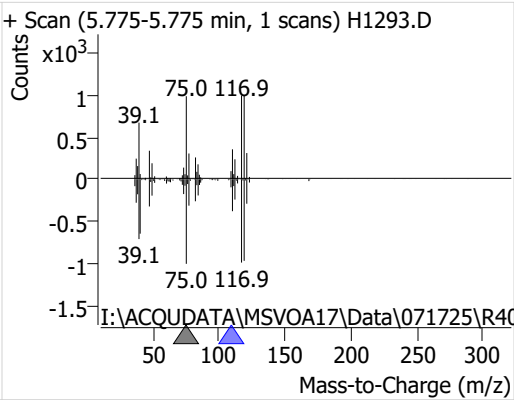


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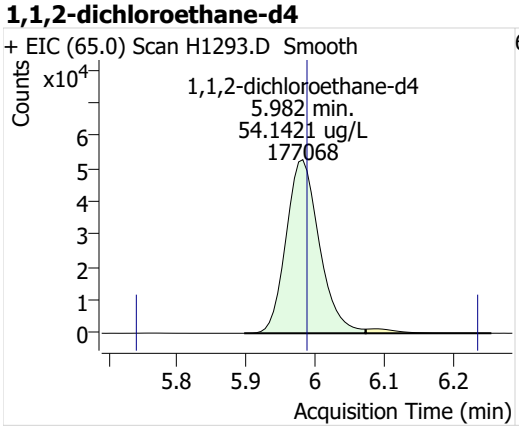
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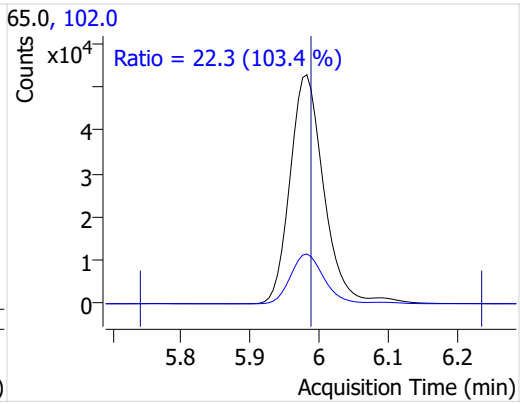


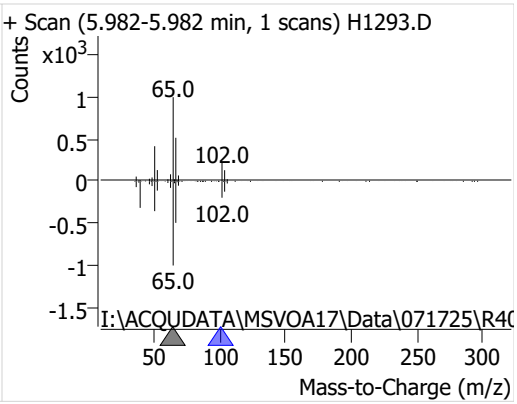




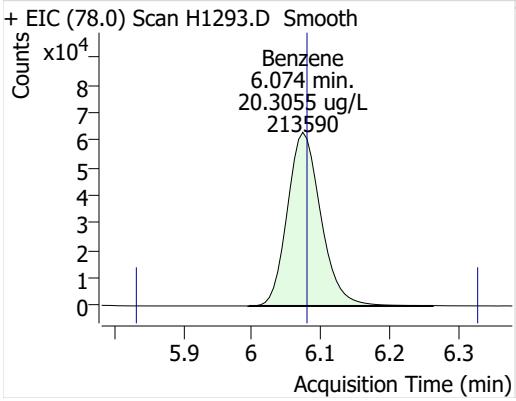
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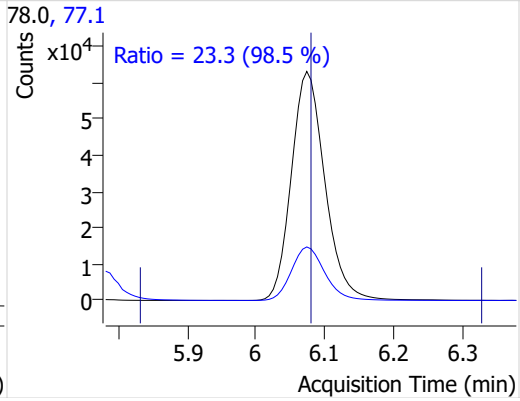


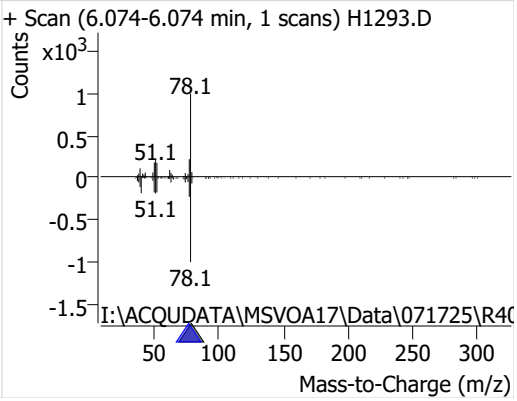




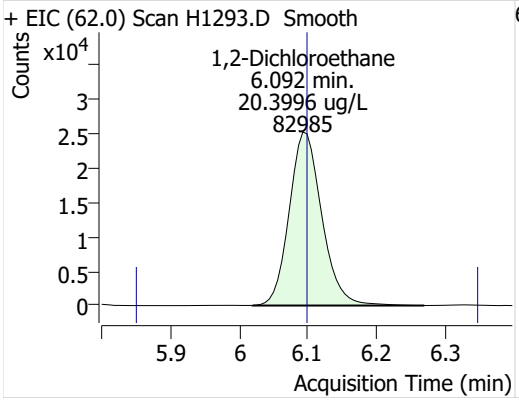
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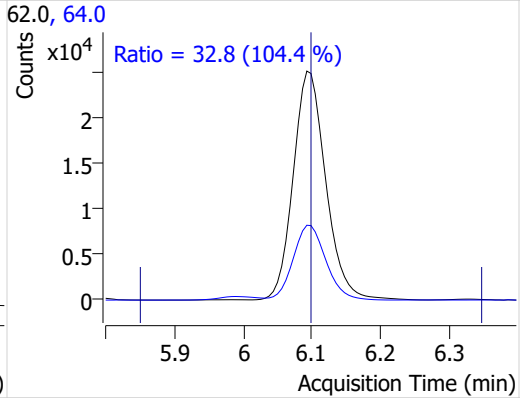


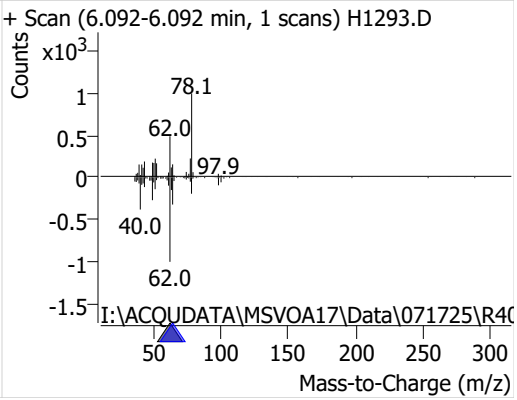




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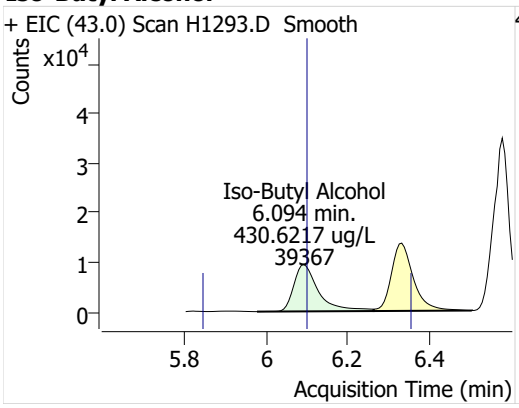


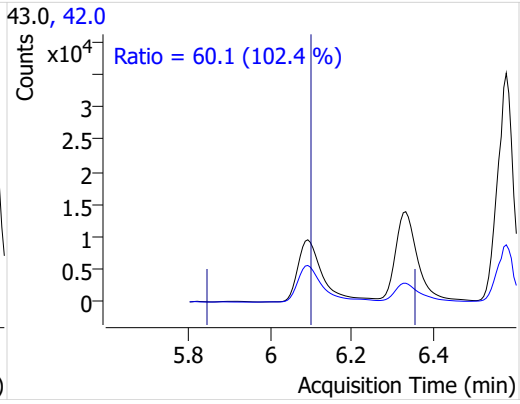


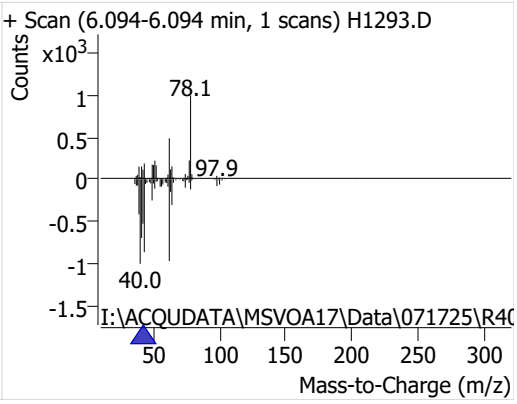


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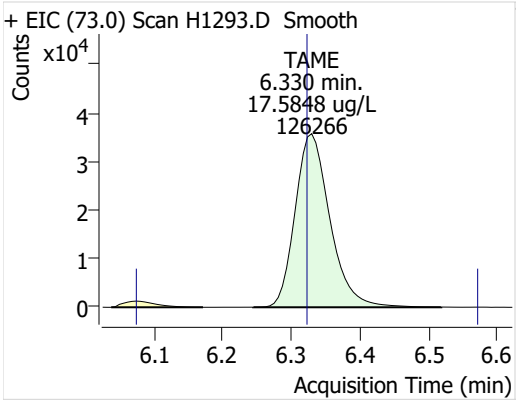
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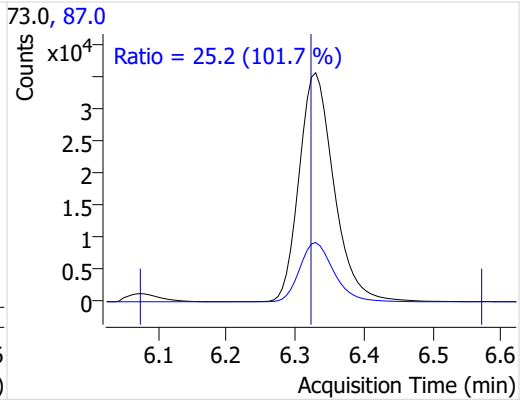


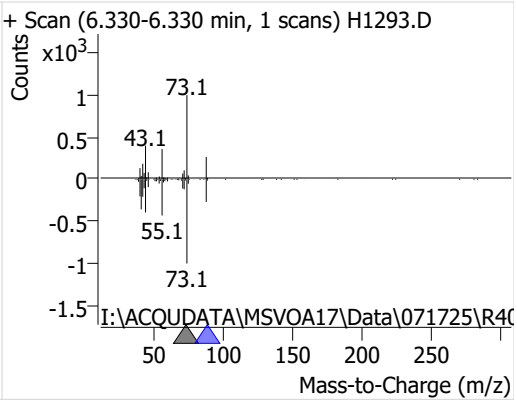




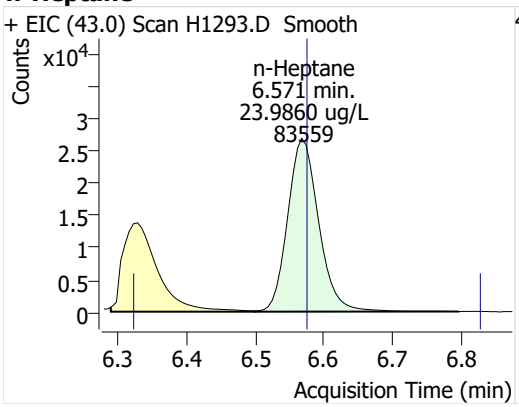
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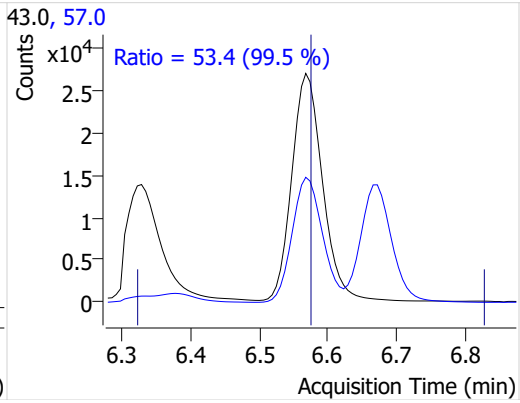


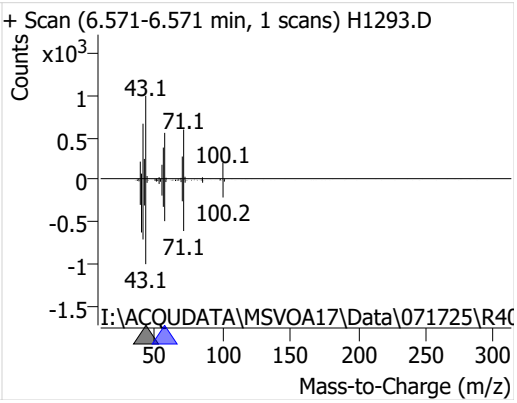




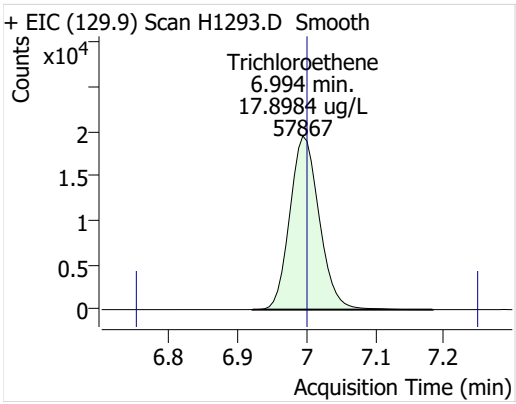
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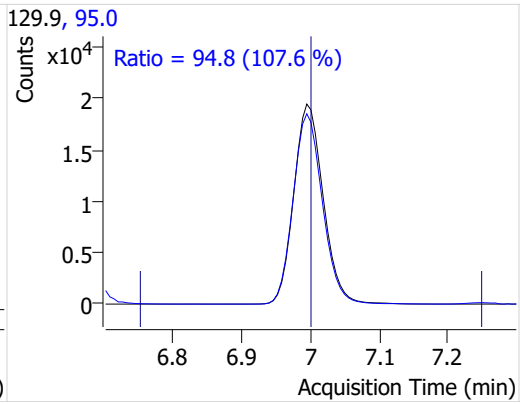


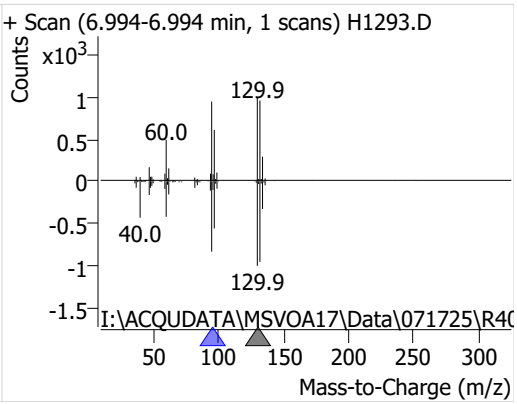




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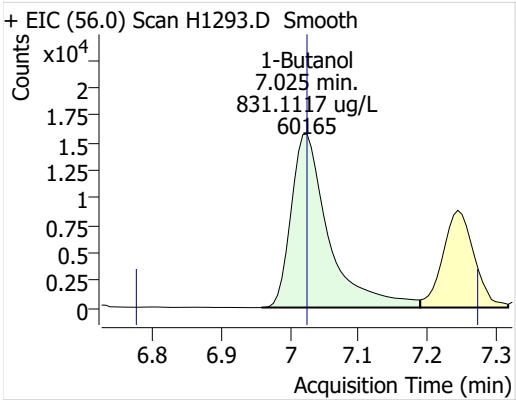


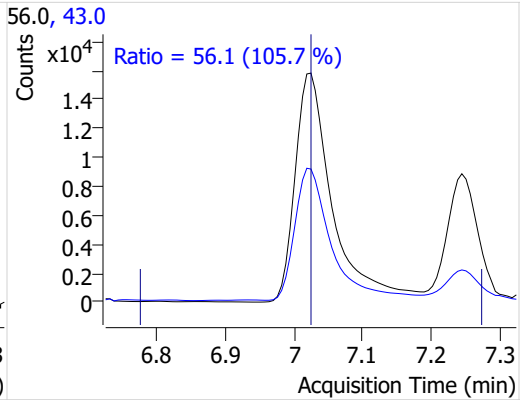


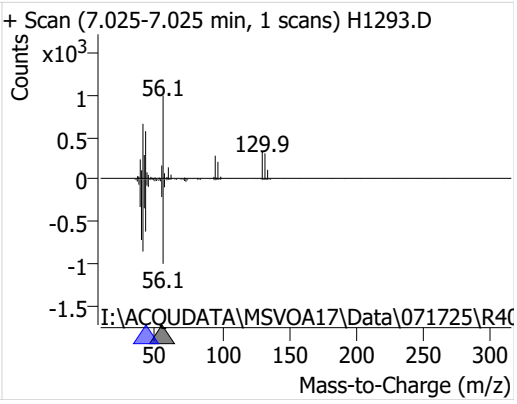


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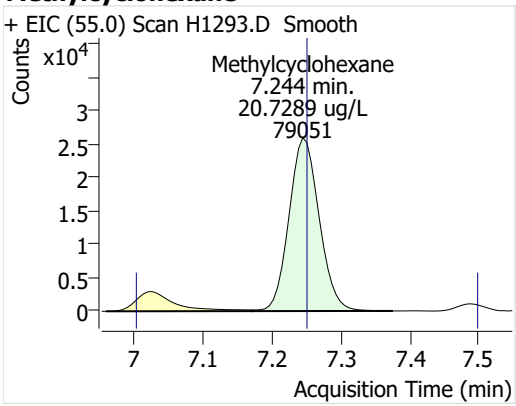
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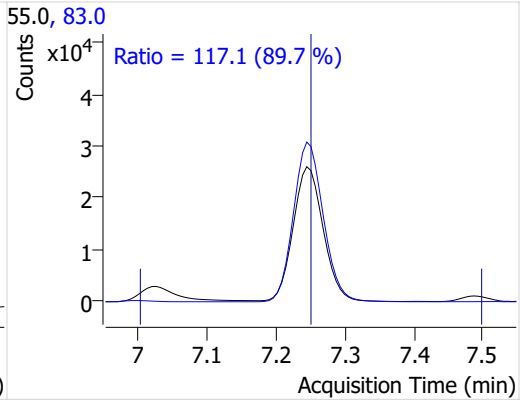


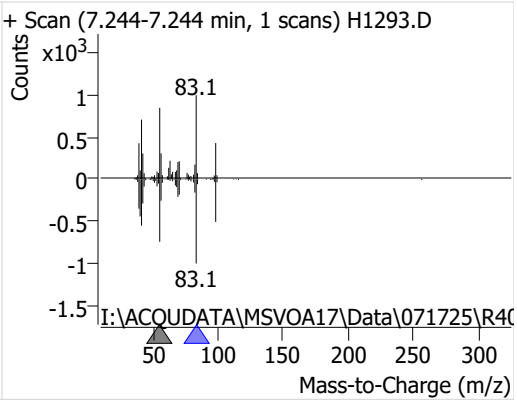




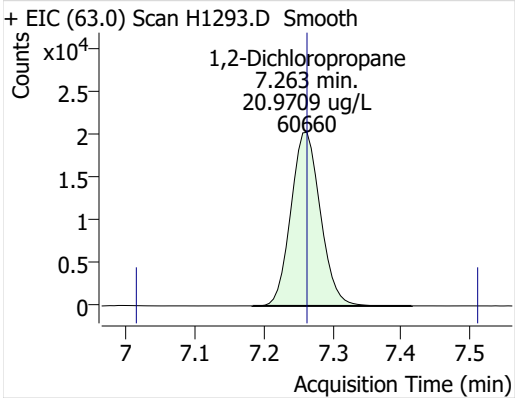
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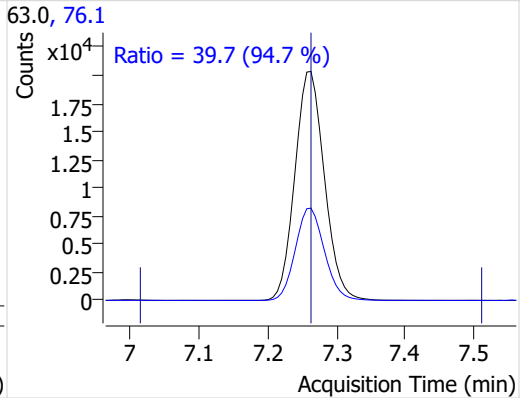


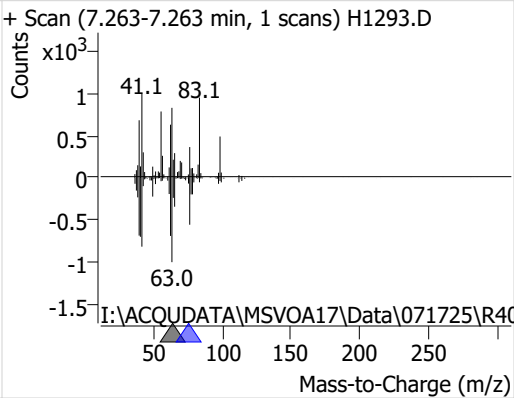




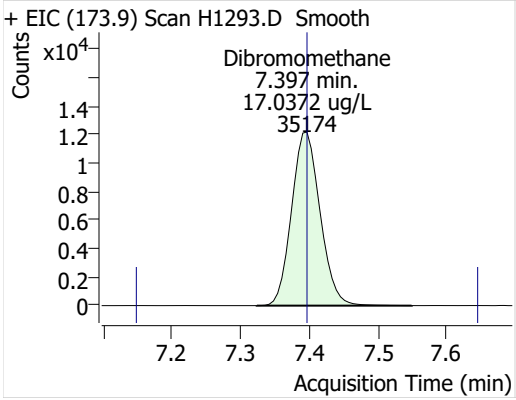
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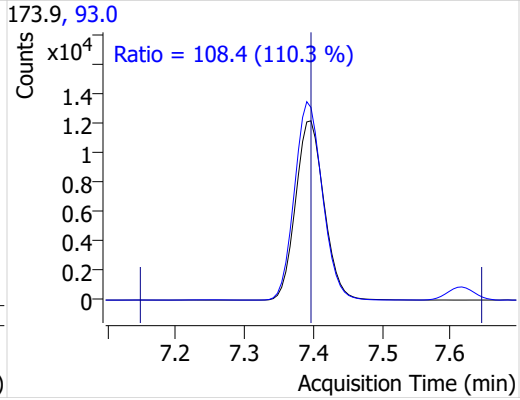


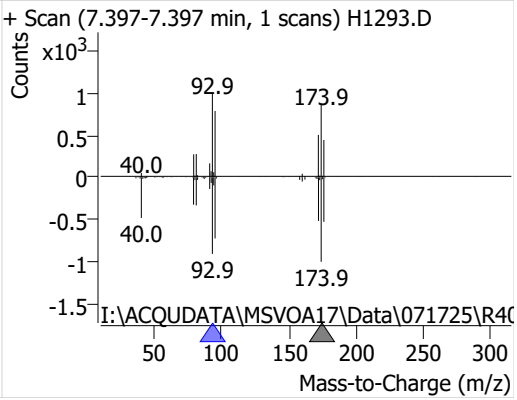




Dibromomethane

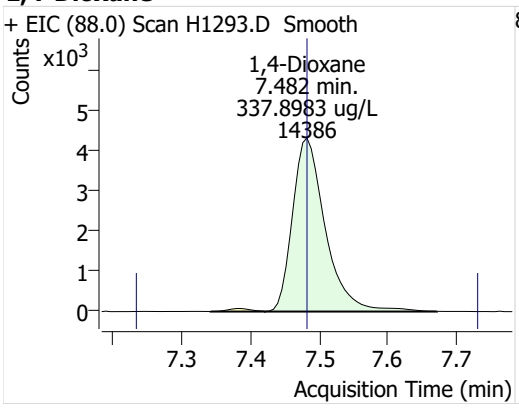


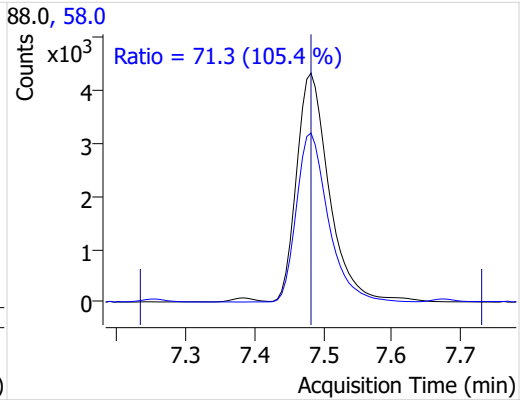


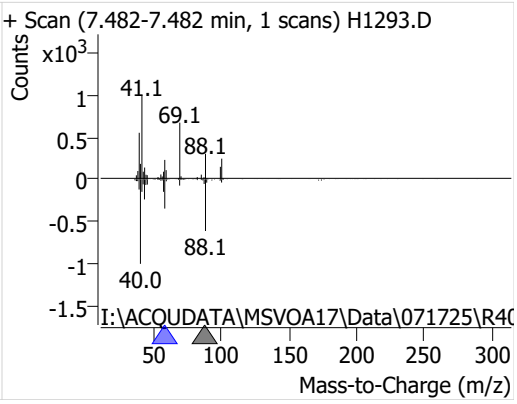


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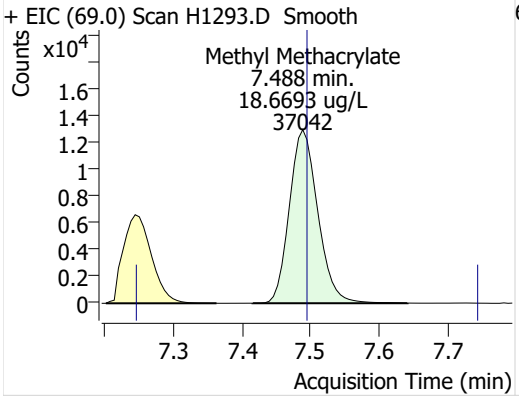
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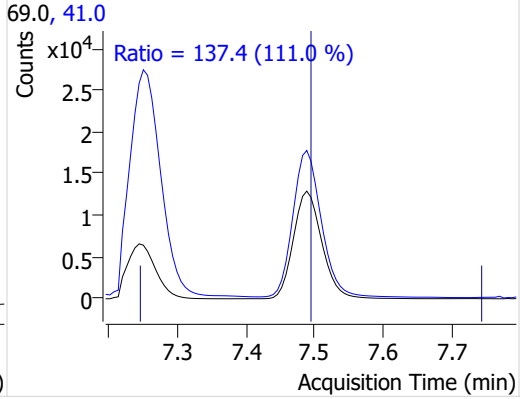


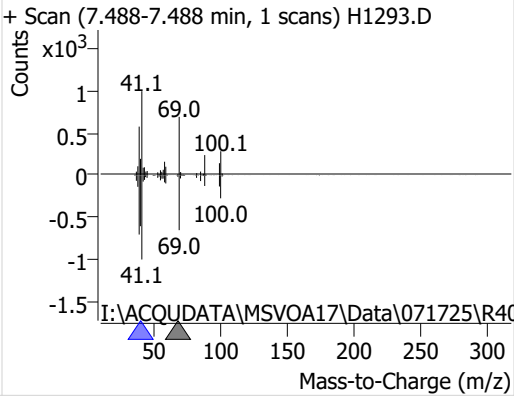




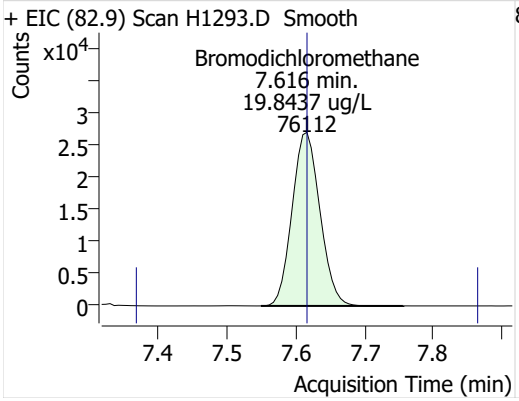
Methyl Methacrylate

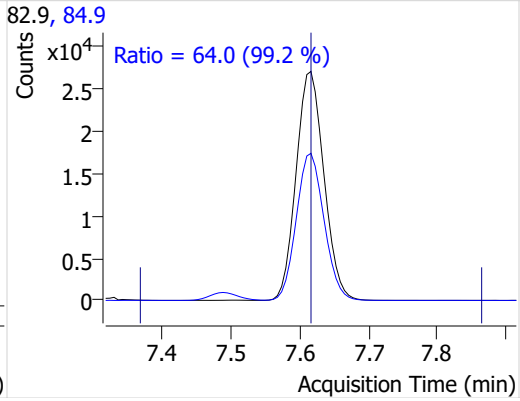


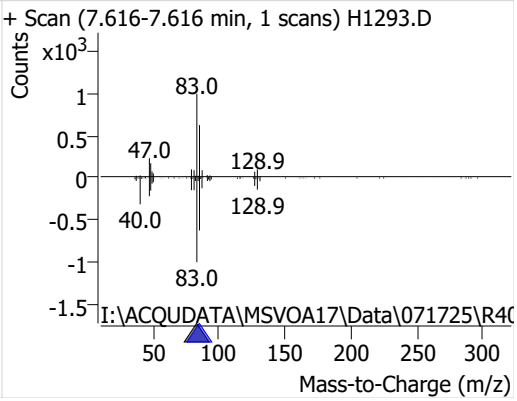




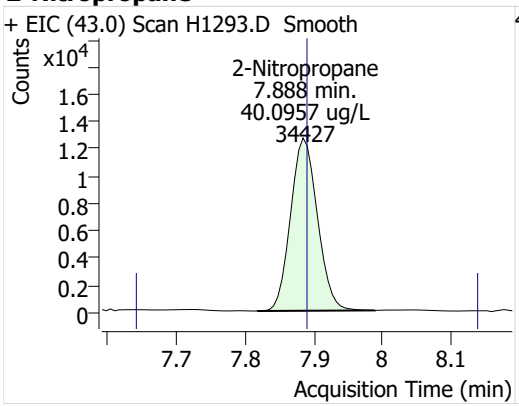
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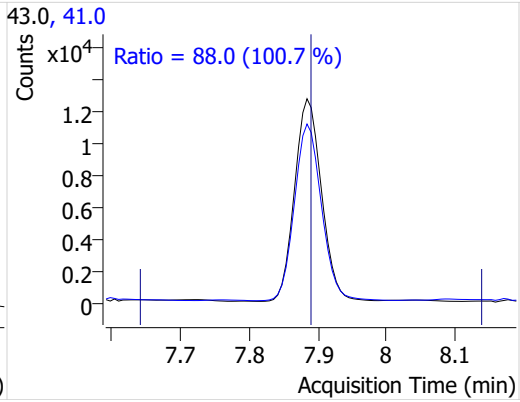


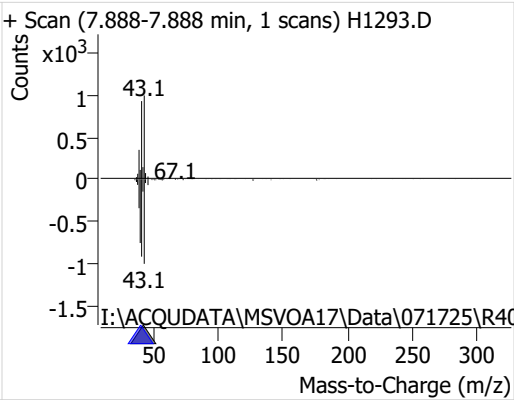




2-Nitropropane

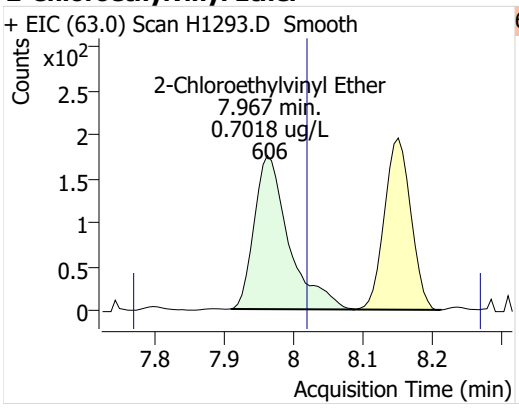


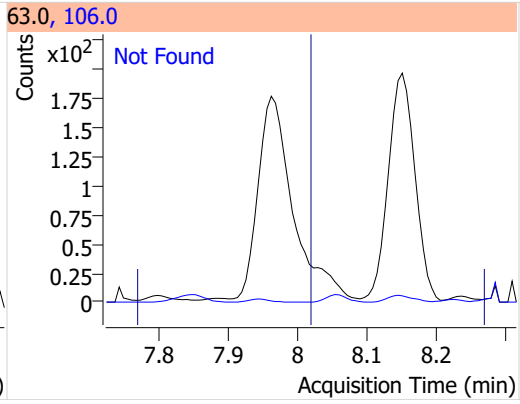


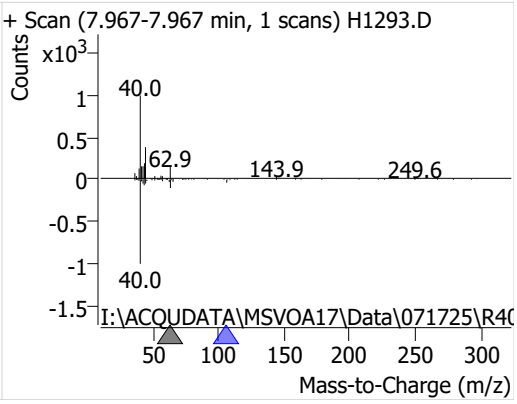


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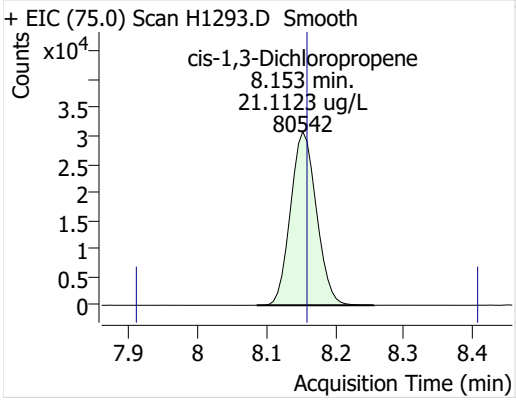
2-Chloroethylvinyl Ether

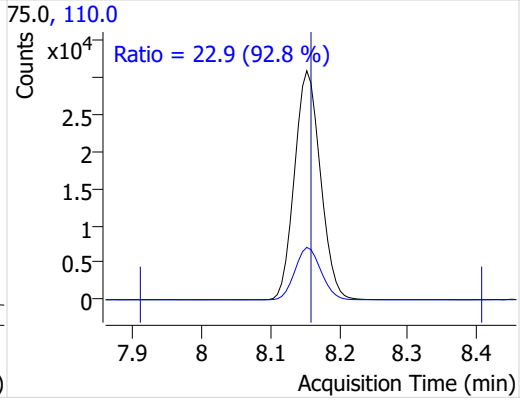


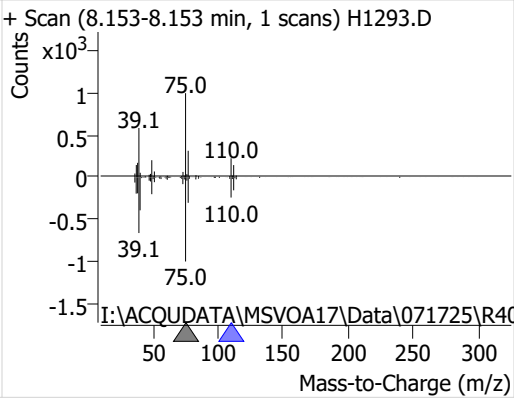




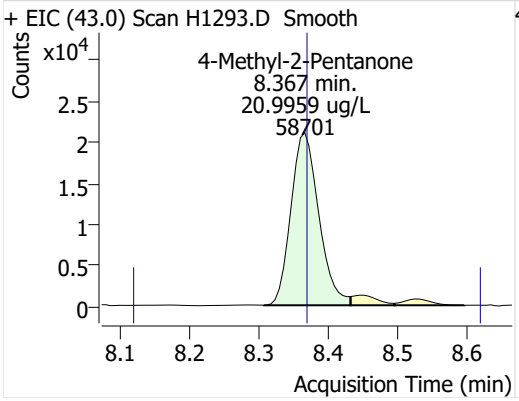
cis-1,3-Dichloropropene

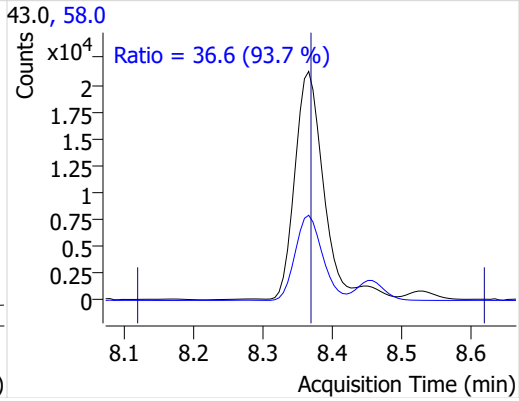


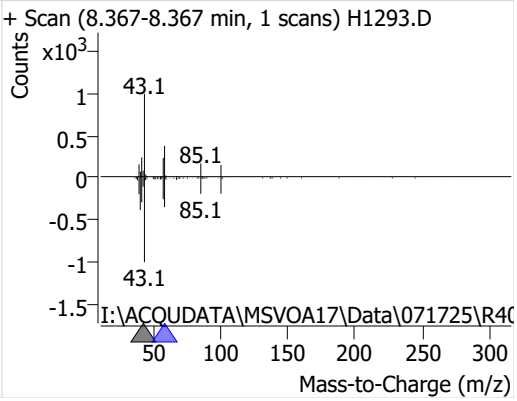




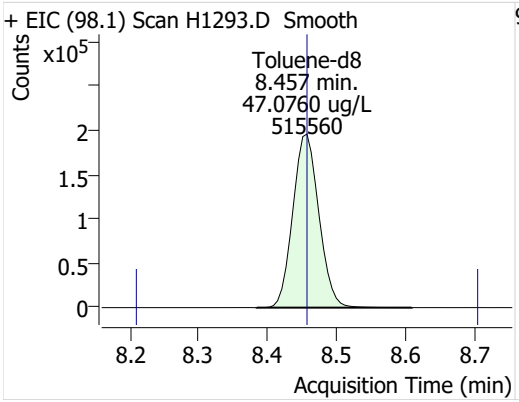
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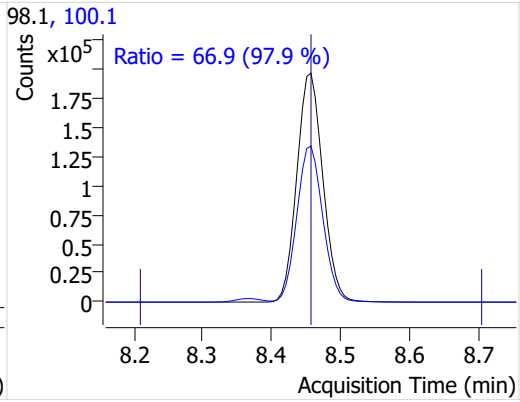


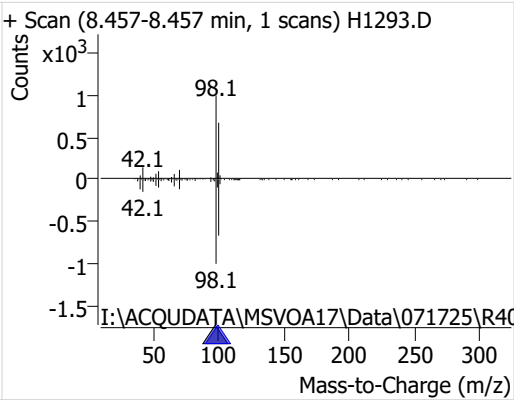




Toluene-d8

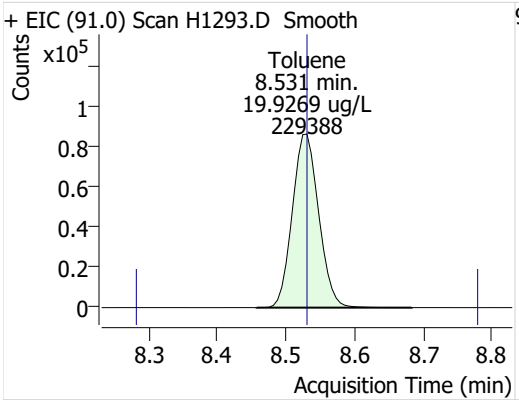


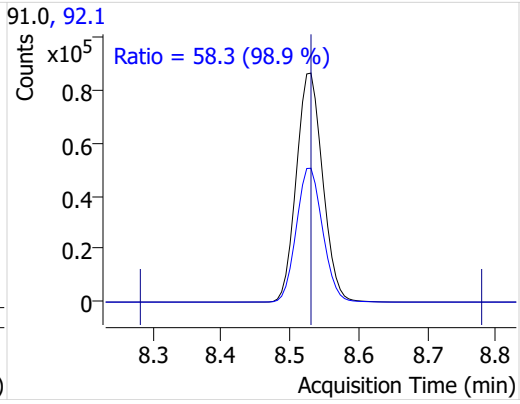


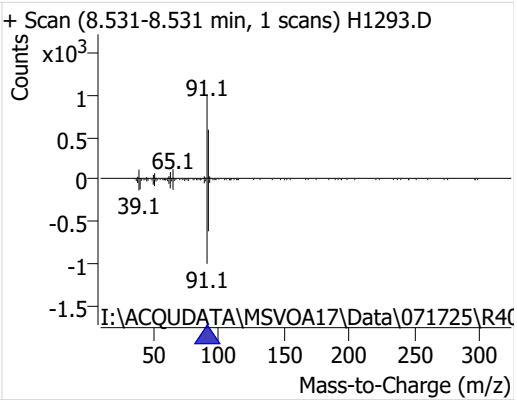


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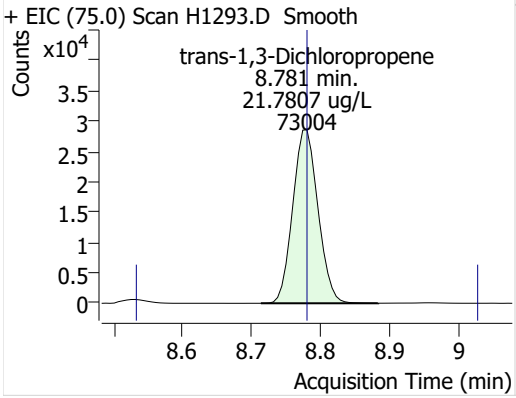
Toluene

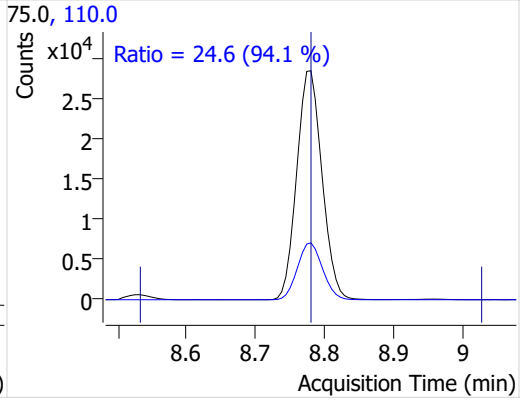


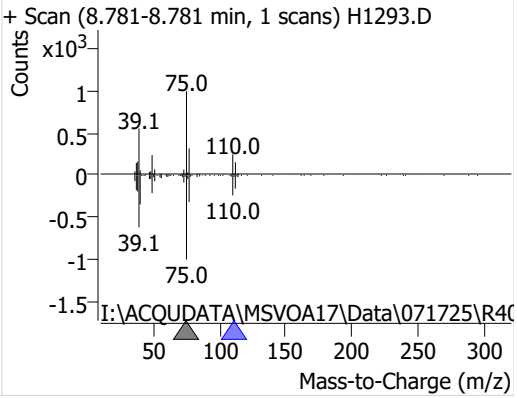




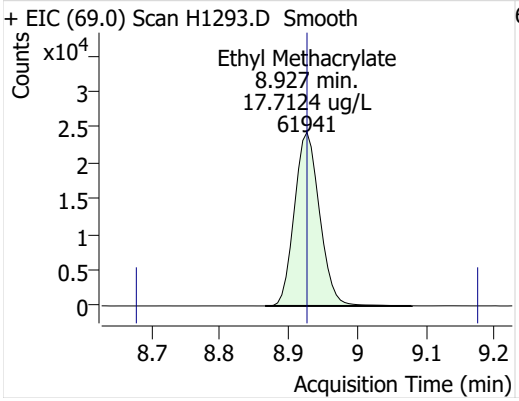
trans-1,3-Dichloropropene

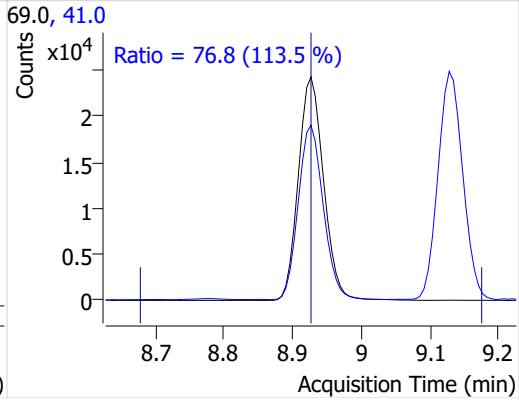


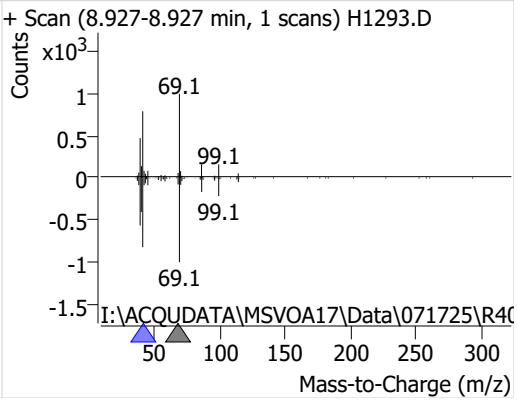




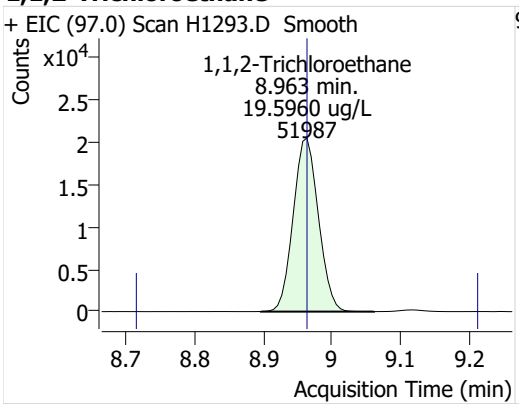
Ethyl Methacrylate

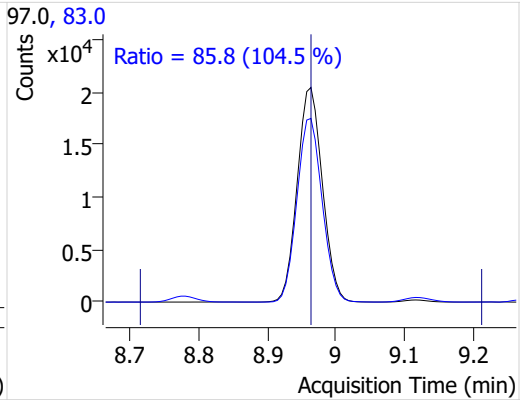


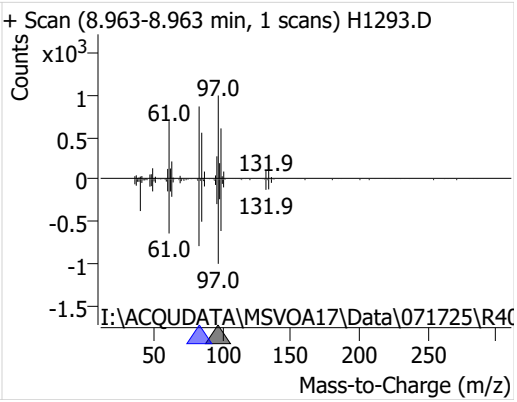




1,1,2-Trichloroethane

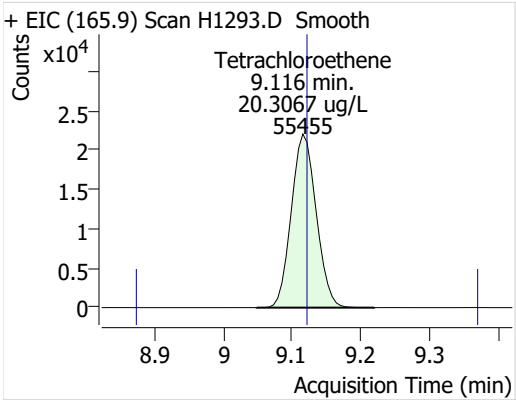


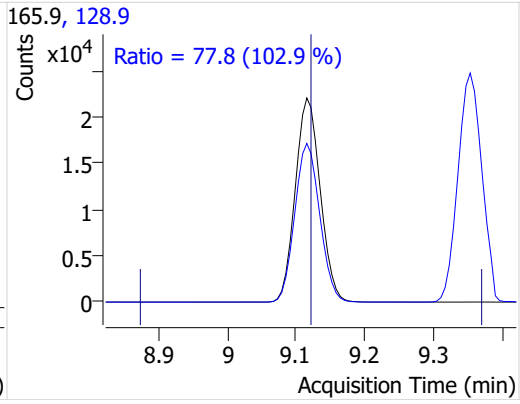


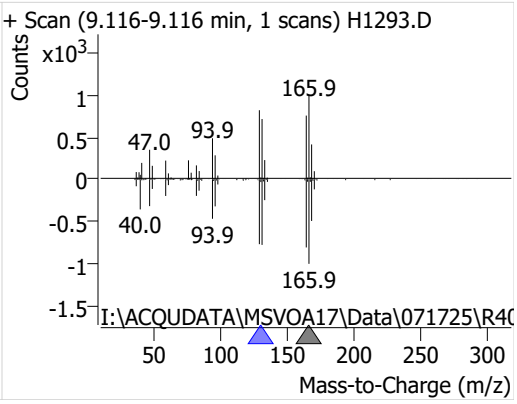


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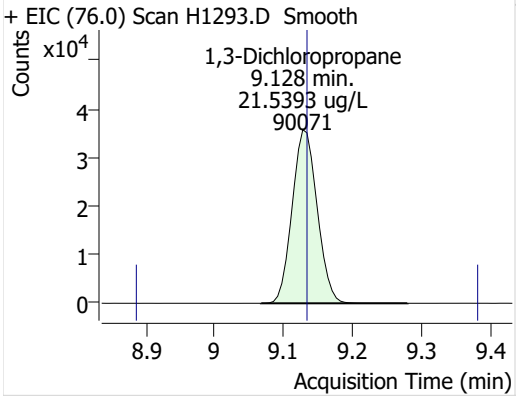
Tetrachloroethene

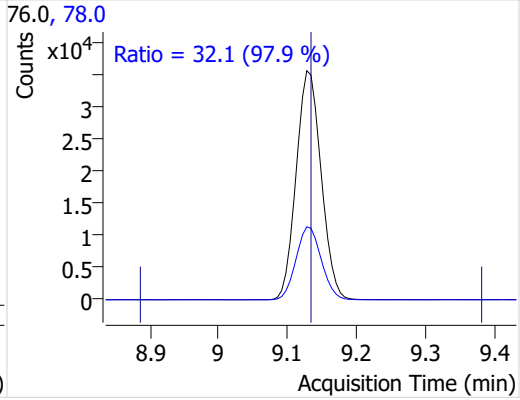


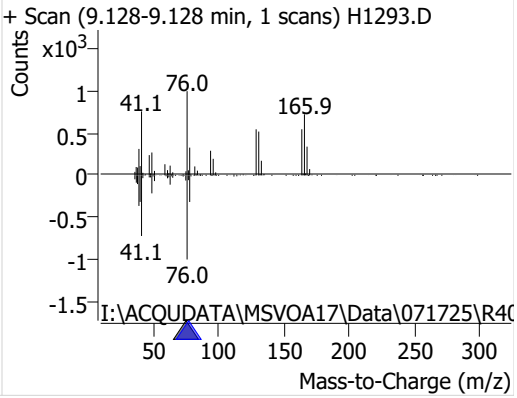




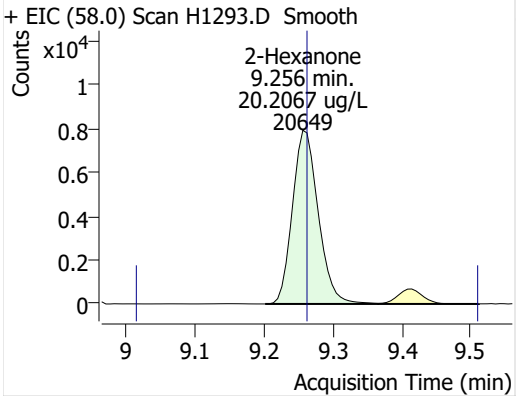
1,3-Dichloropropane

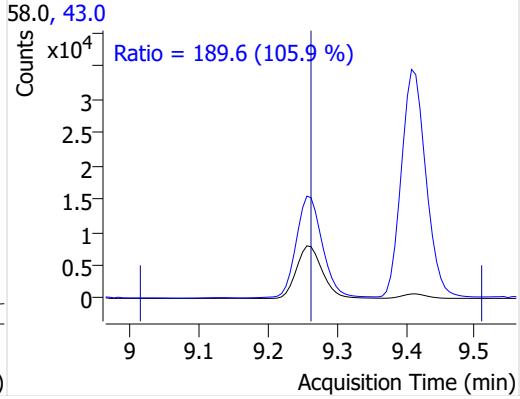


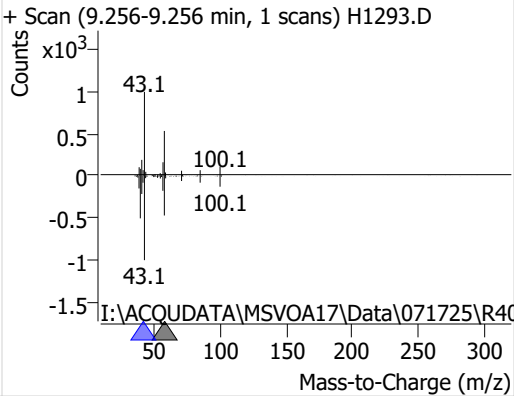




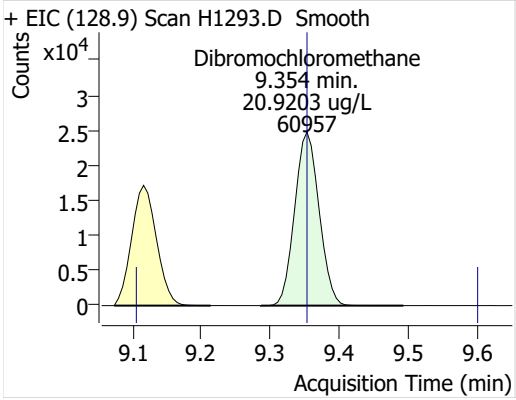
2-Hexanone

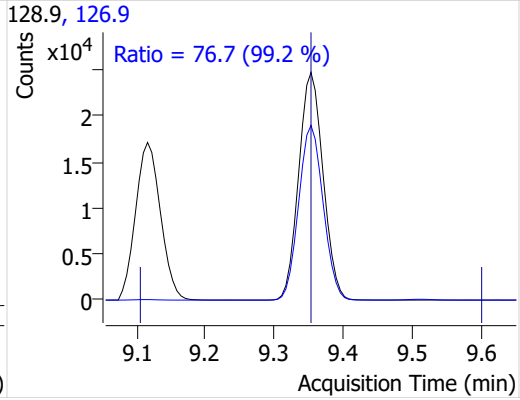


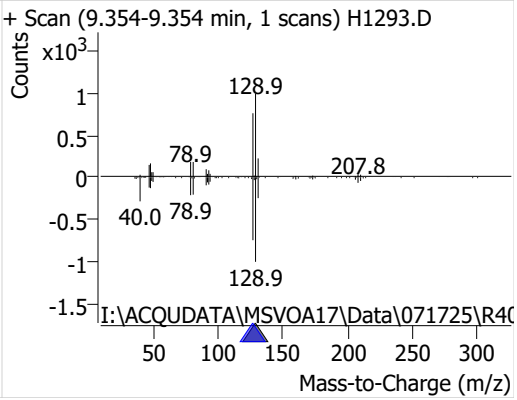




Dibromochloromethane

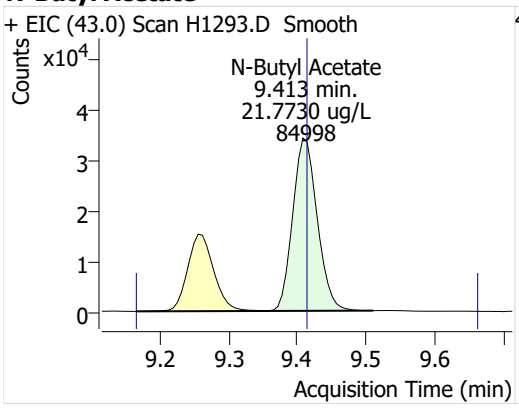


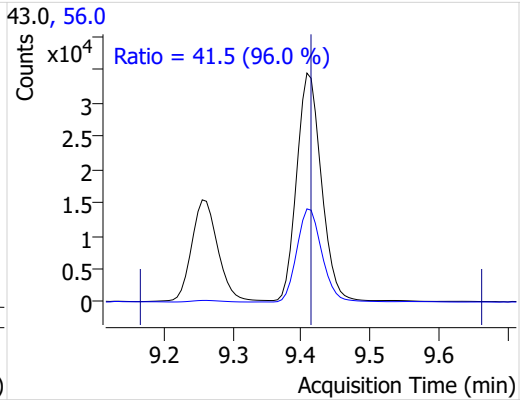


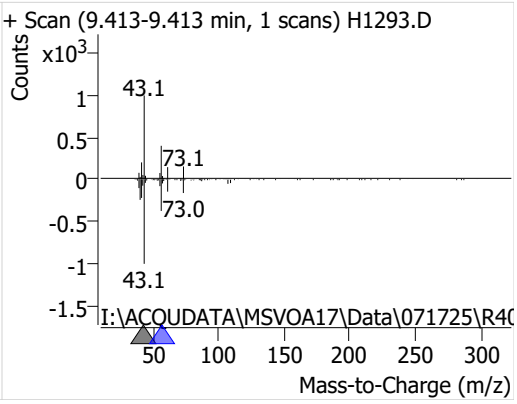


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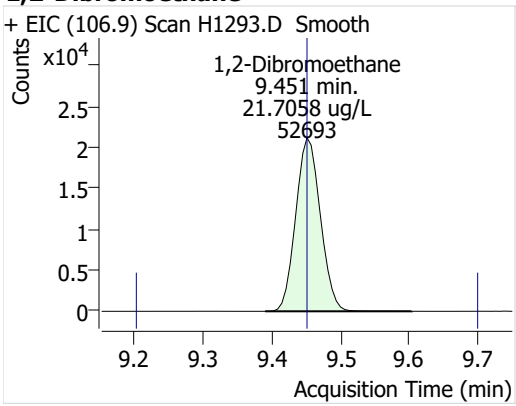
N-Butyl Acetate

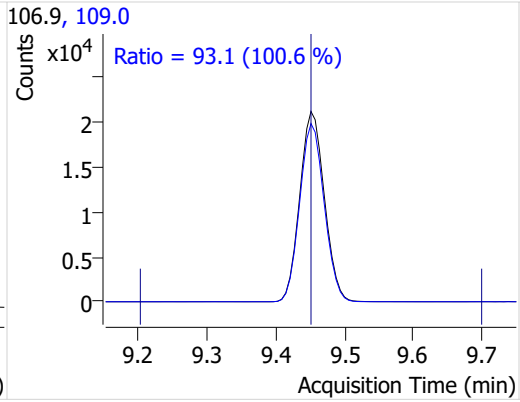


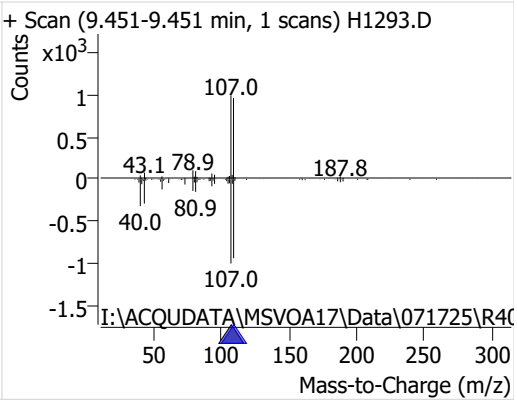




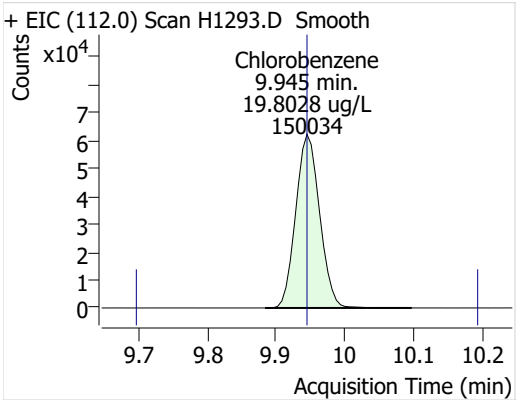
1,2-Dibromoethane

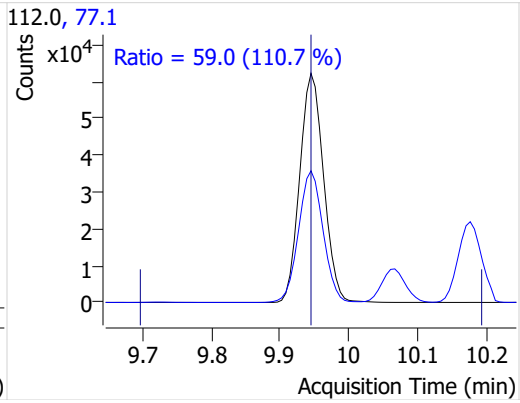


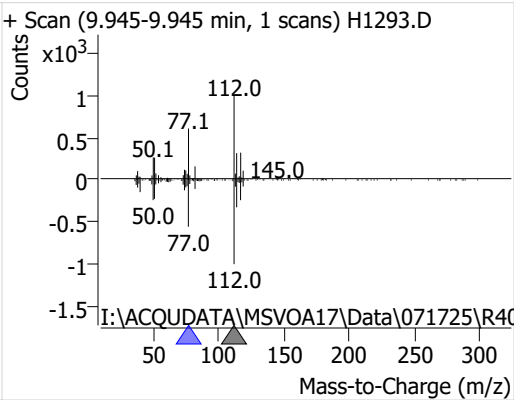




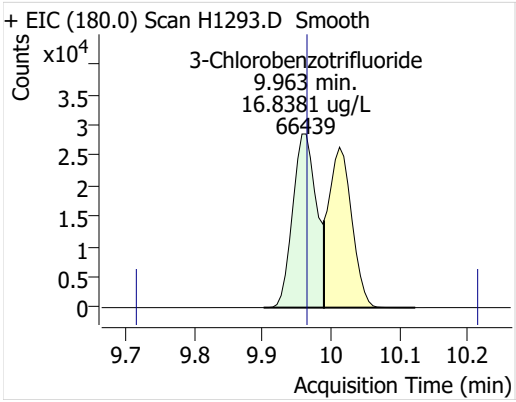
Chlorobenzene

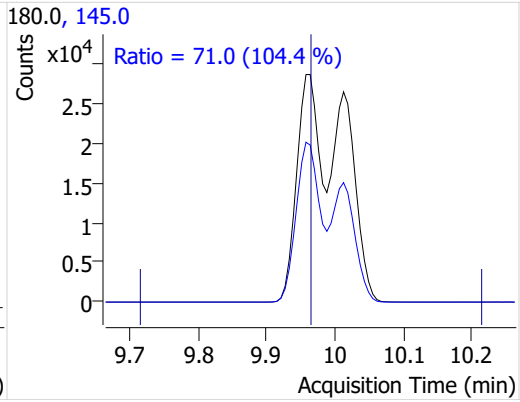


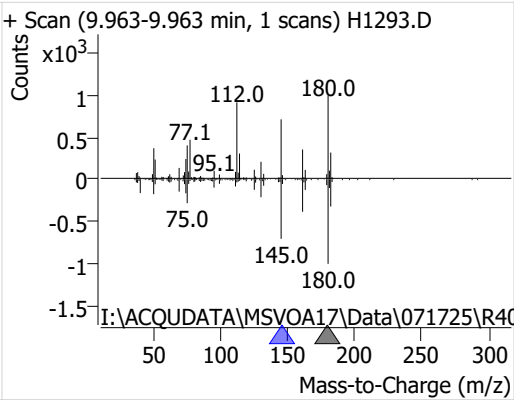




3-Chlorobenzotrifluoride

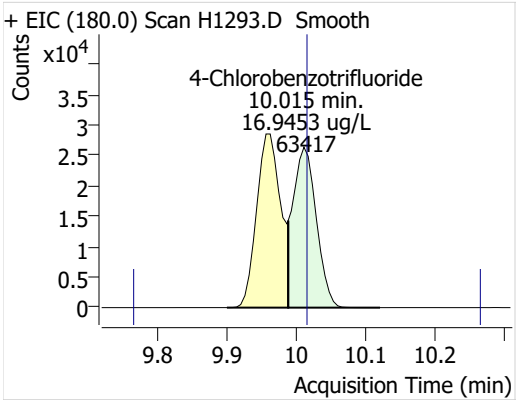


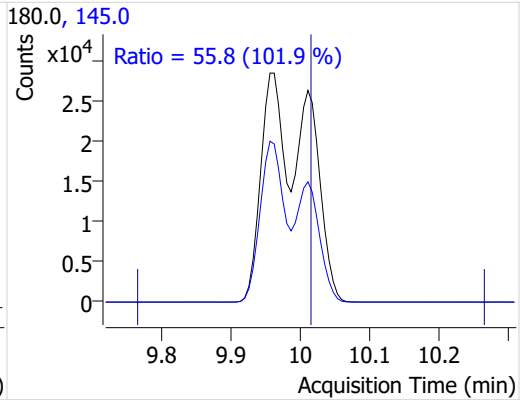


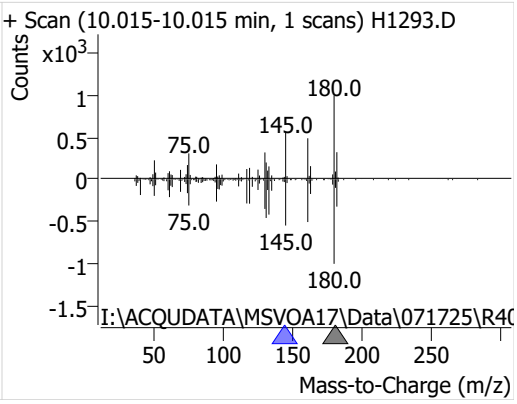


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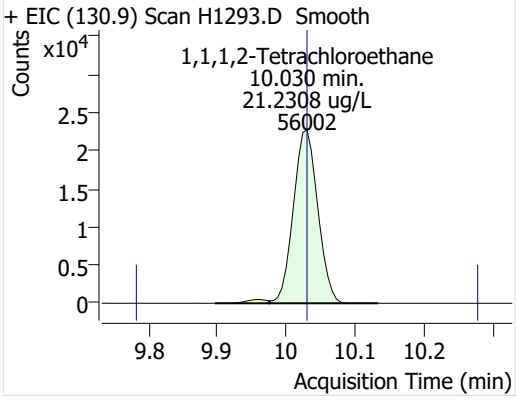
4-Chlorobenzotrifluoride

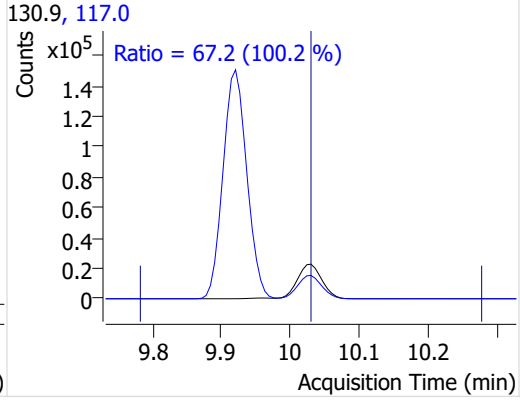


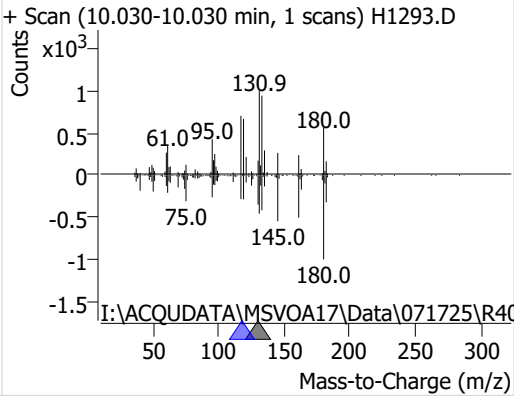




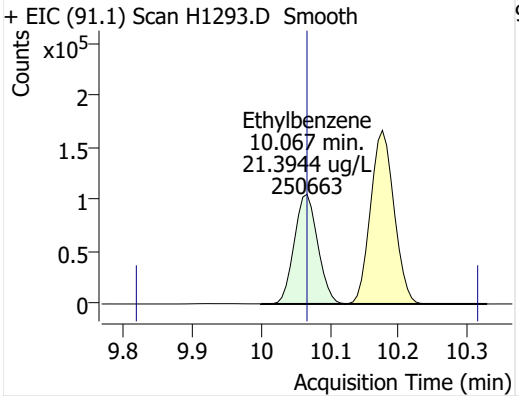
1,1,1,2-Tetrachloroethane

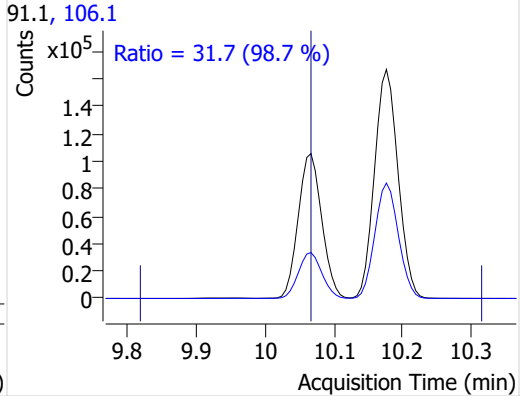


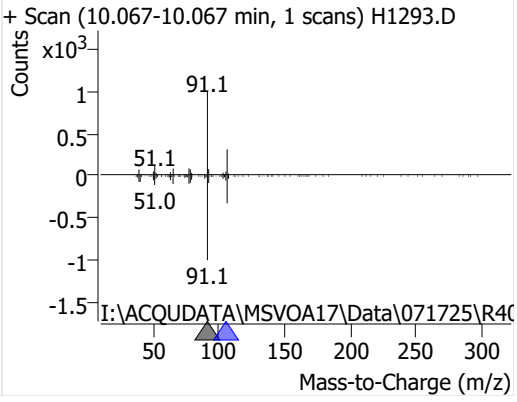




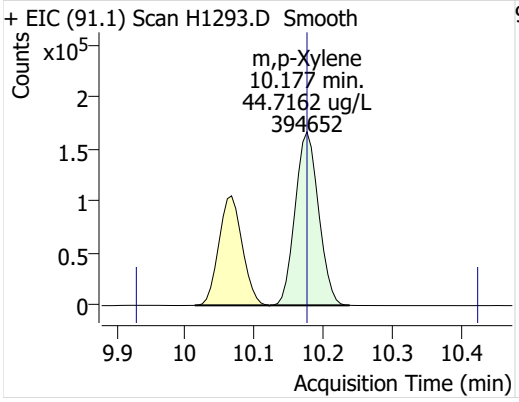
Ethylbenzene

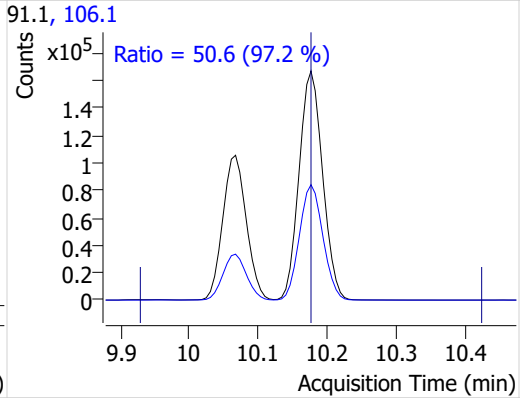


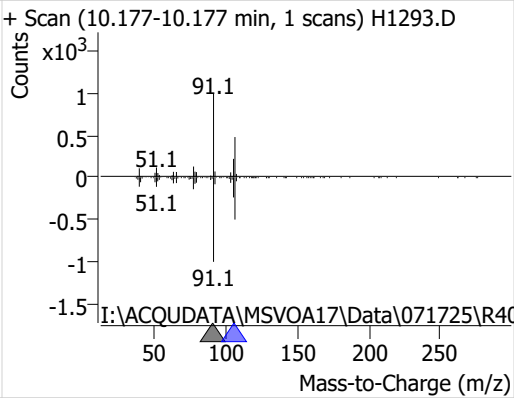




m,p-Xylene

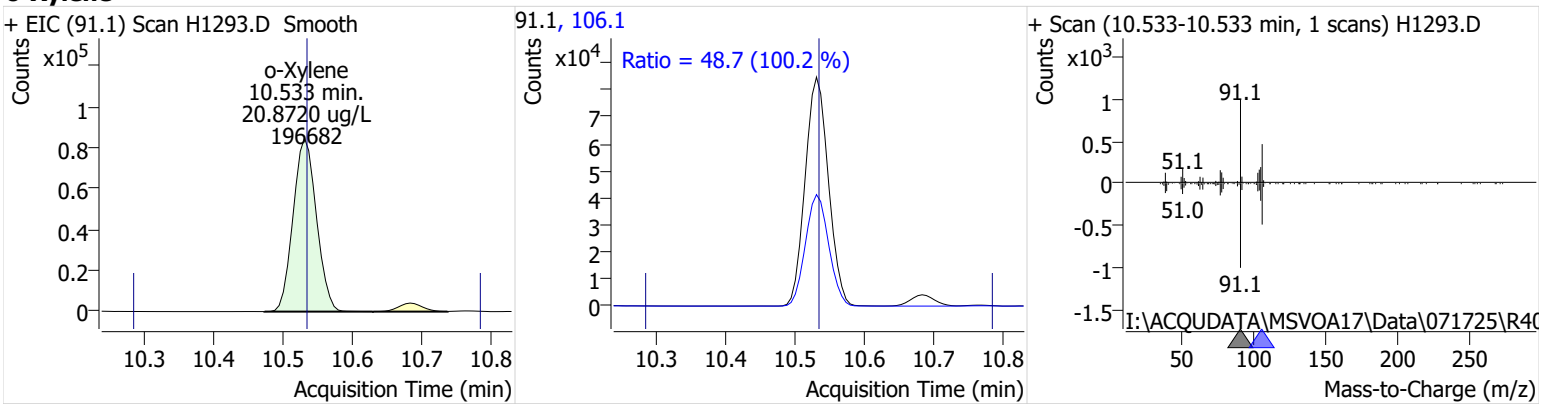




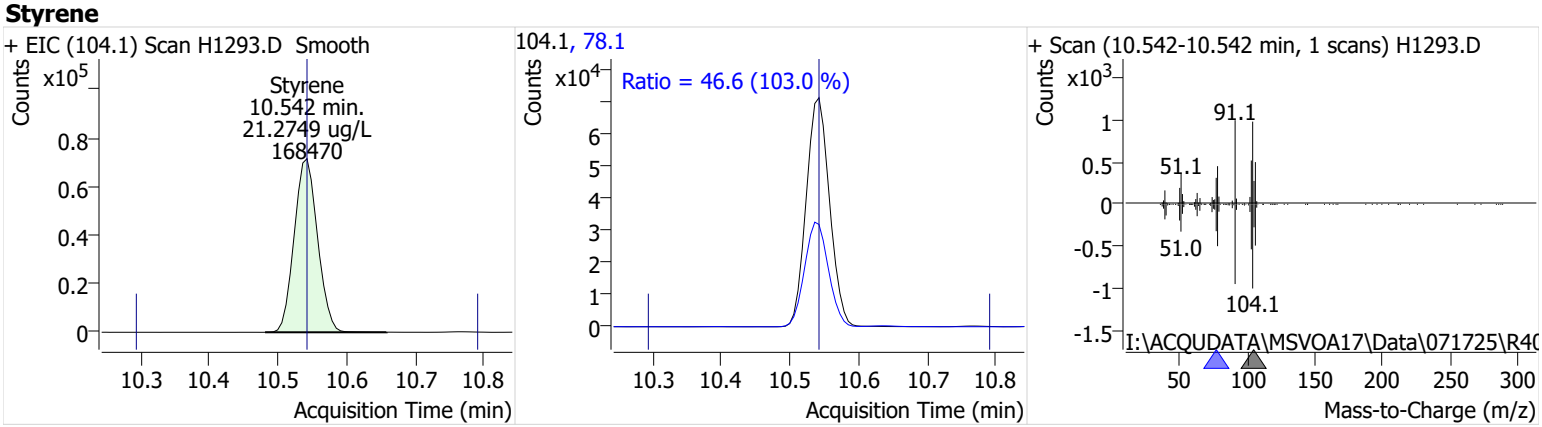


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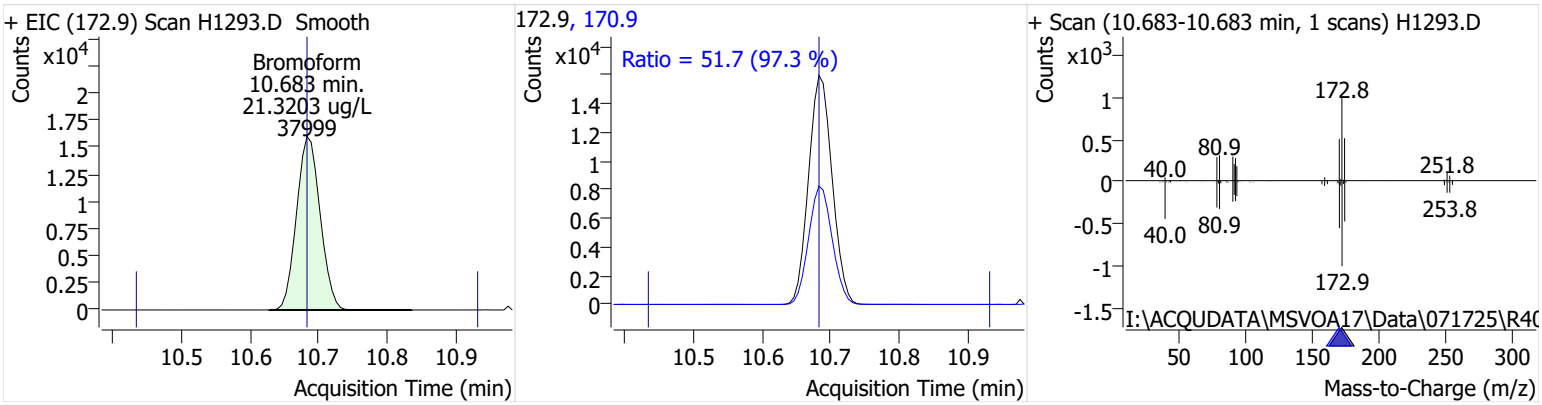
o-Xylene



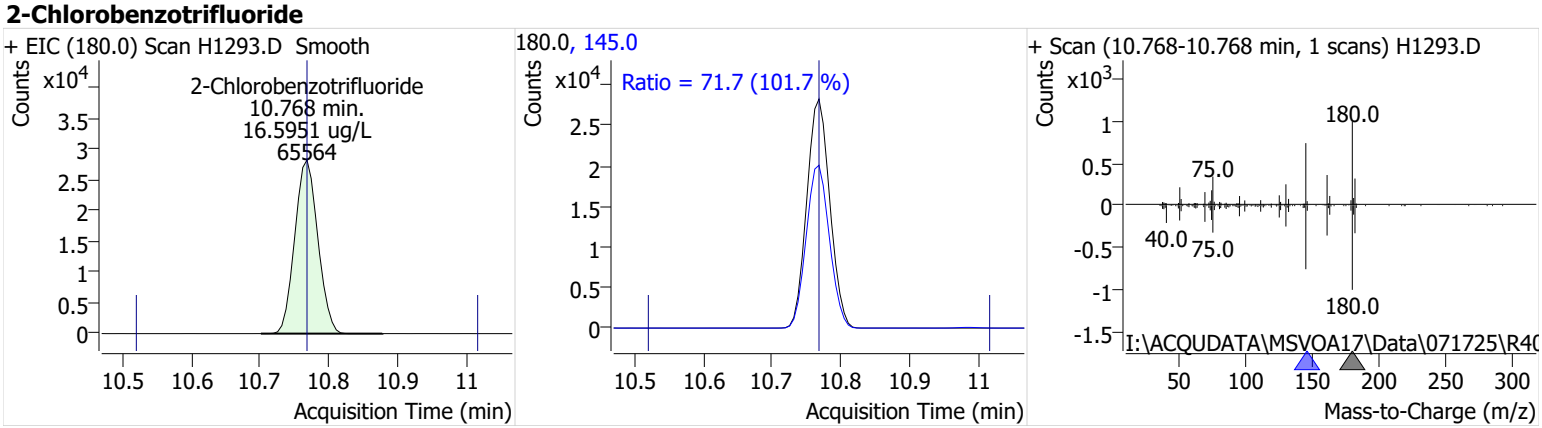
Styrene



Bromoform

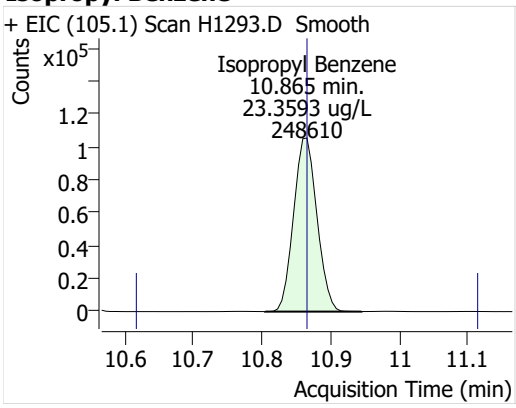


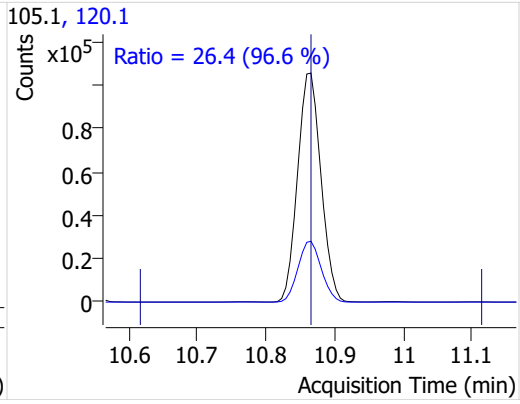
2-Chlorobenzotrifluoride

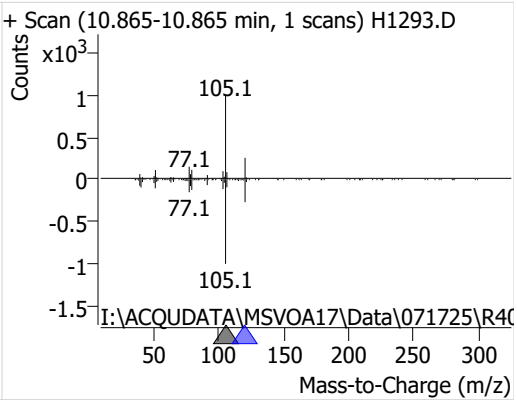


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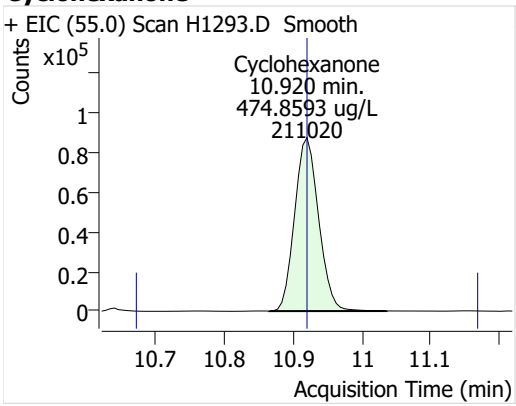
Isopropyl Benzene

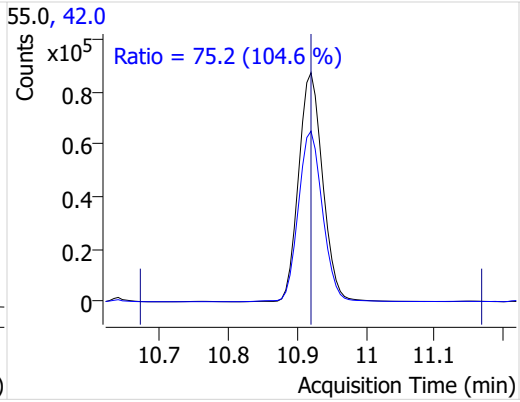


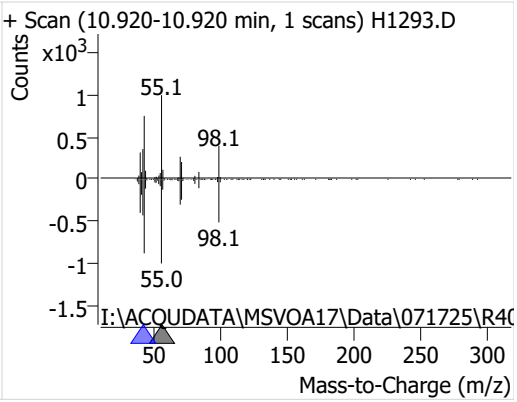




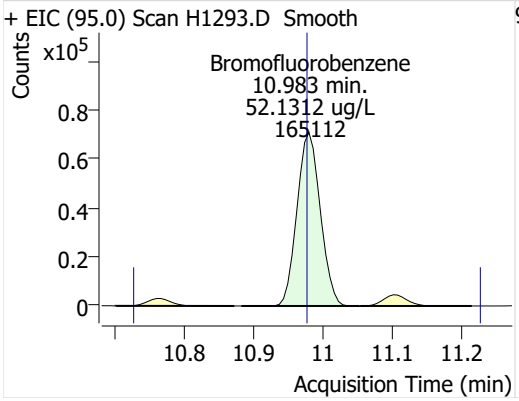
Cyclohexanone

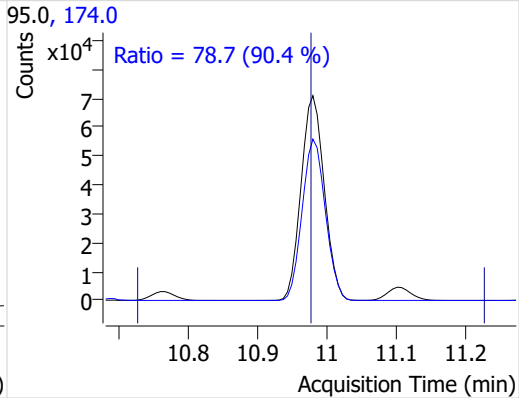


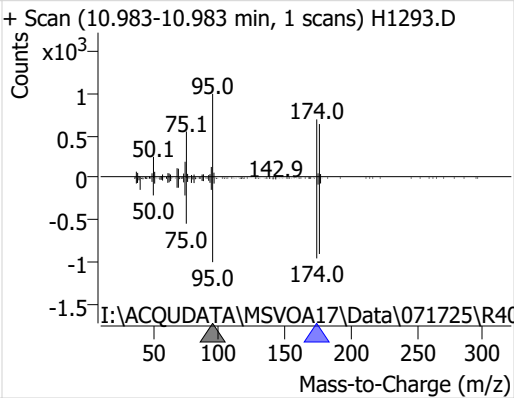




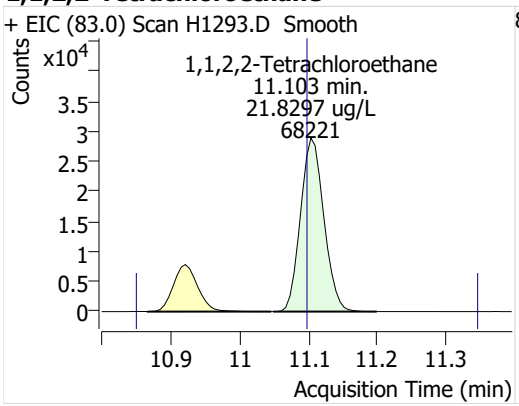
Bromofluorobenzene

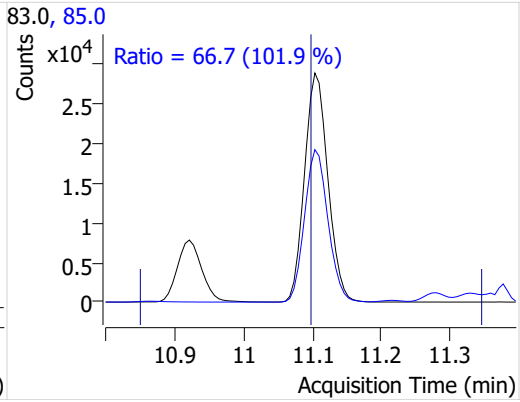


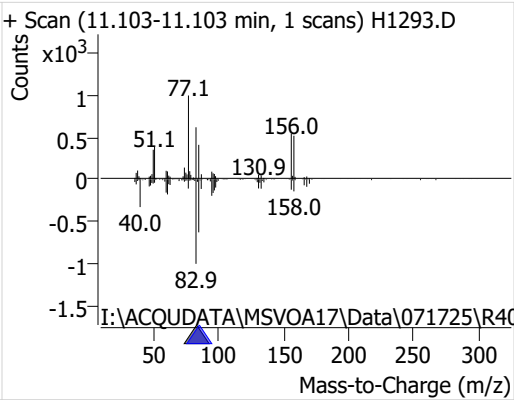




1,1,2,2-Tetrachloroethane

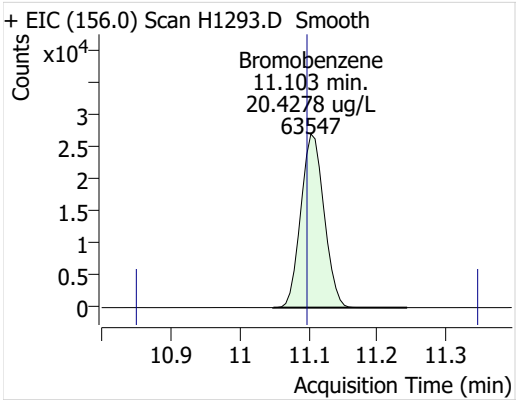


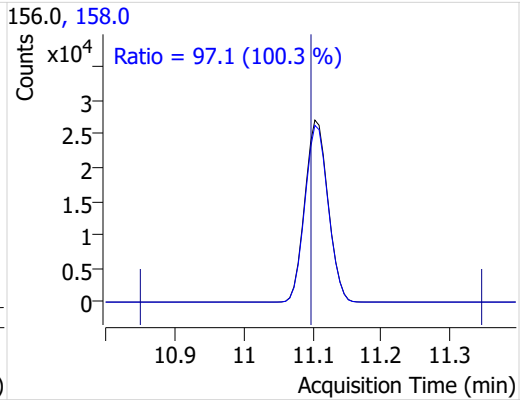


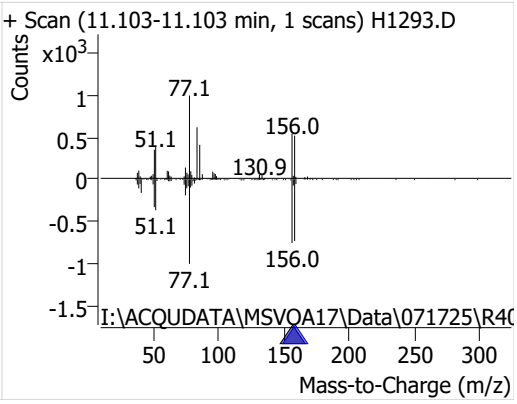


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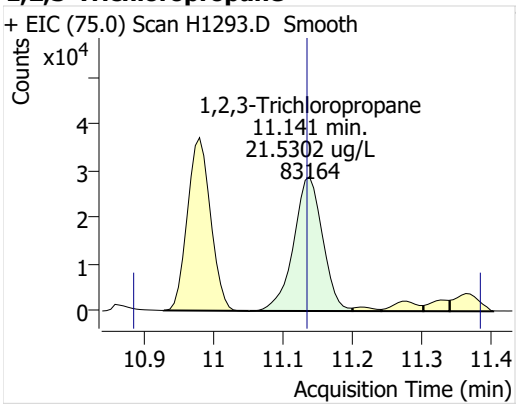
Bromobenzene

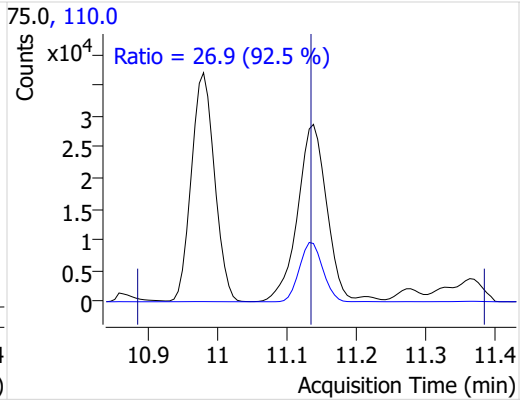


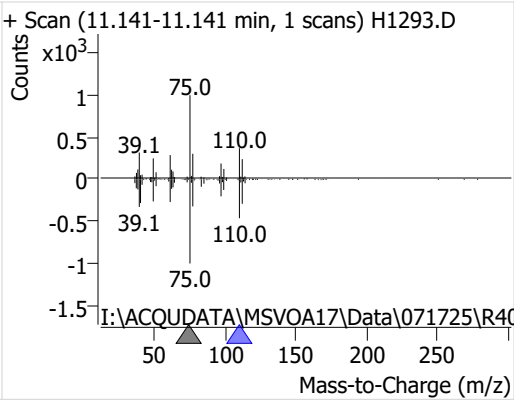




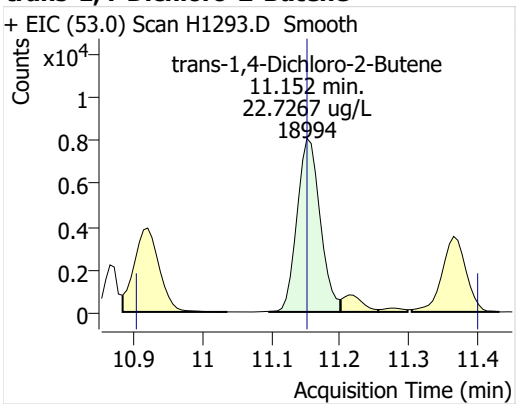
1,2,3-Trichloropropane

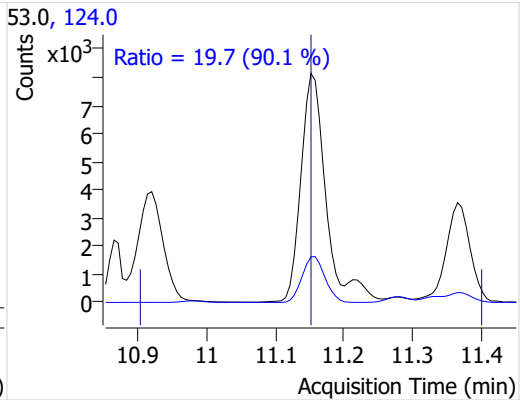


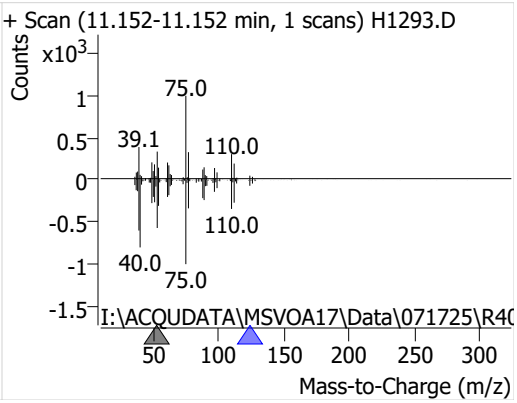




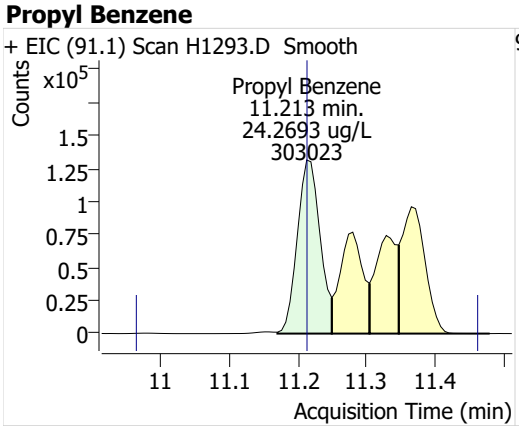
trans-1,4-Dichloro-2-Butene

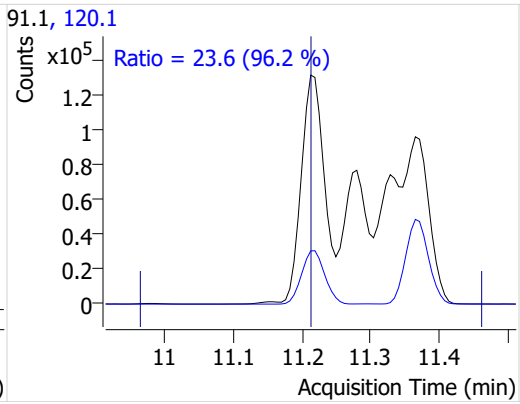


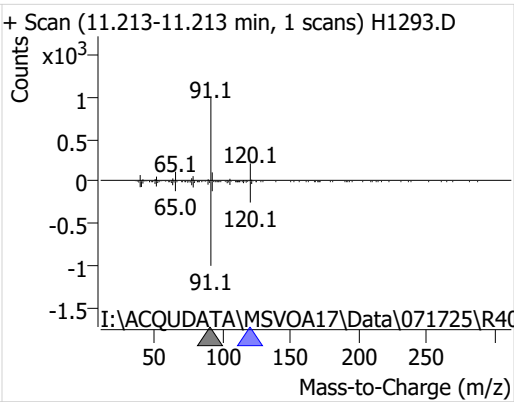




Propyl Benzene

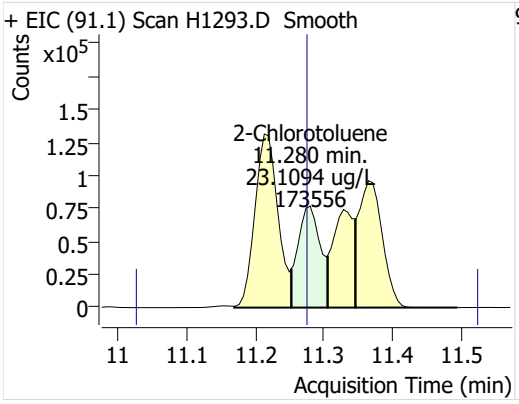


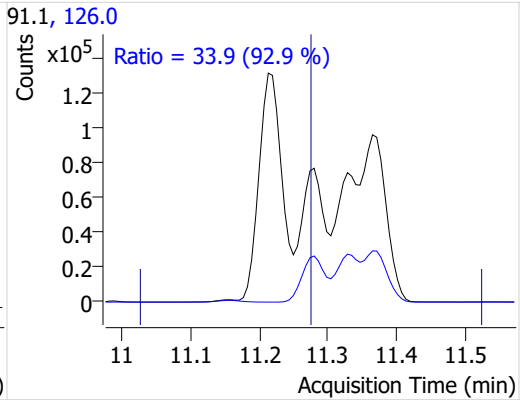


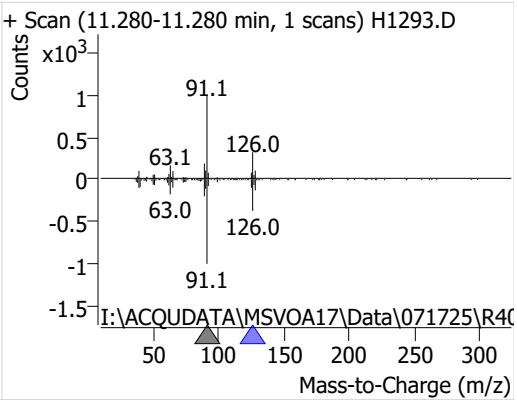


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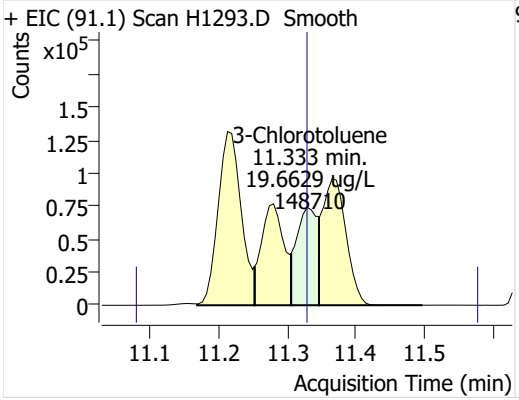
2-Chlorotoluene

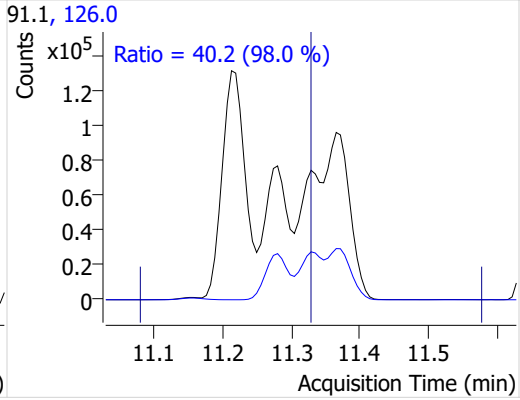


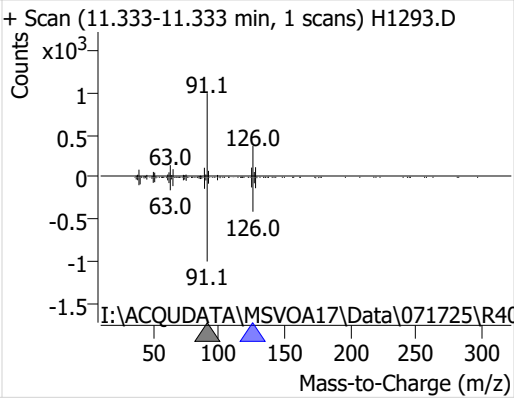




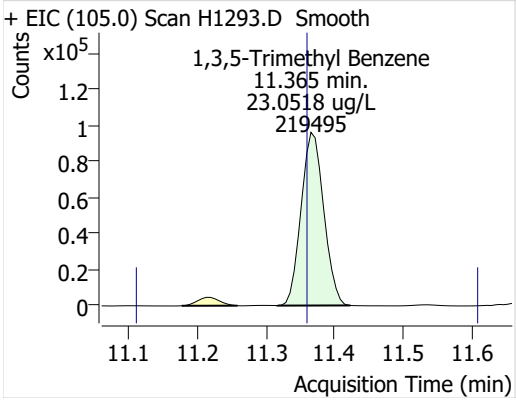
3-Chlorotoluene

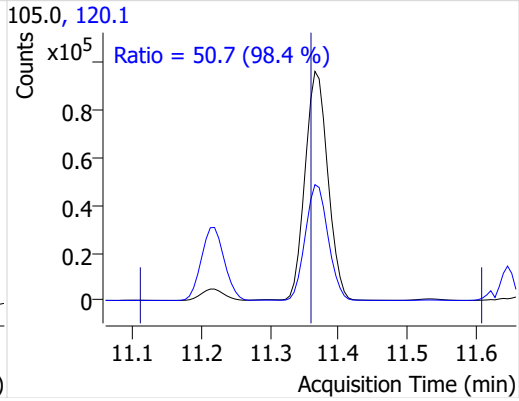


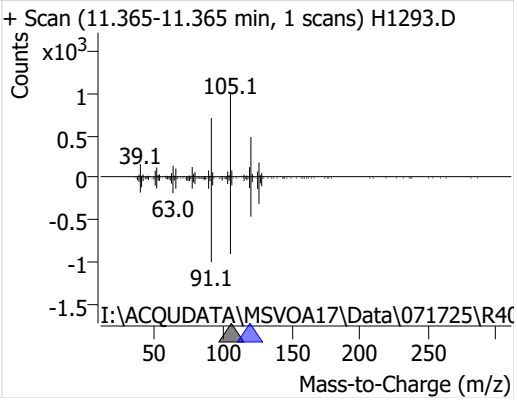




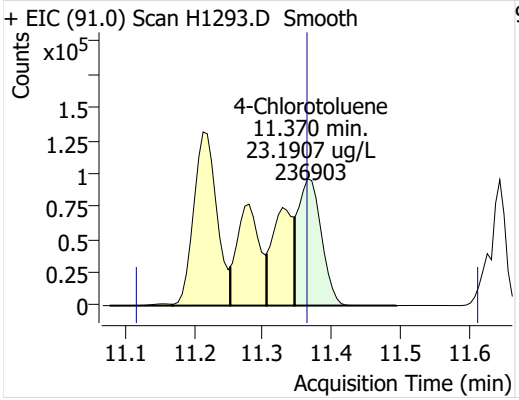
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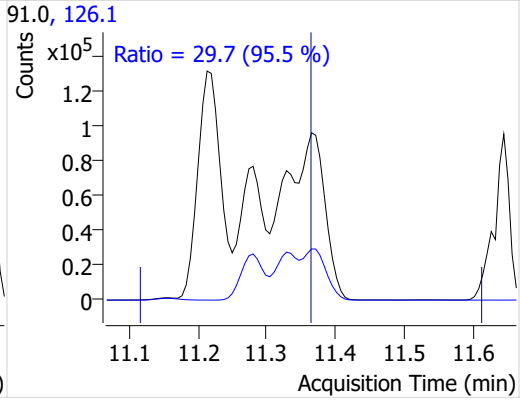


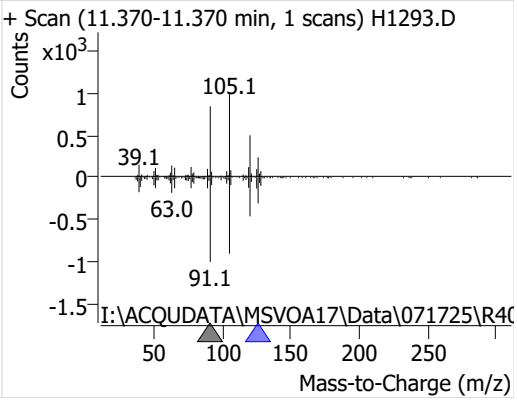




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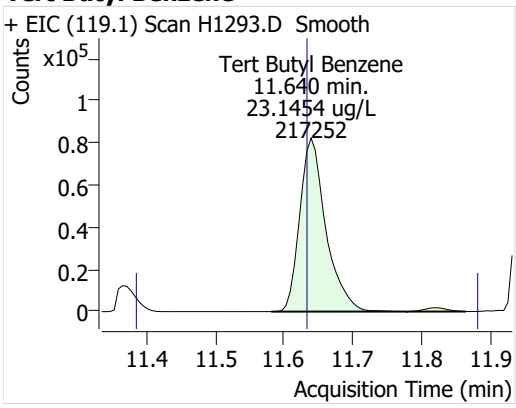


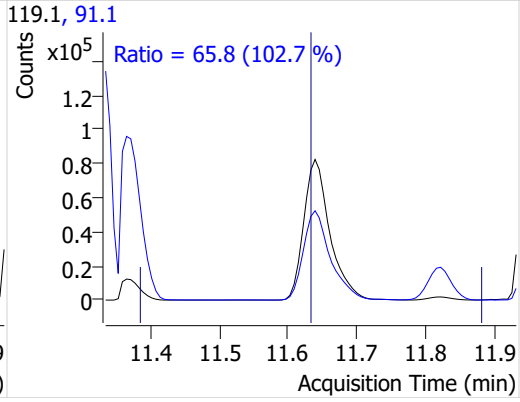


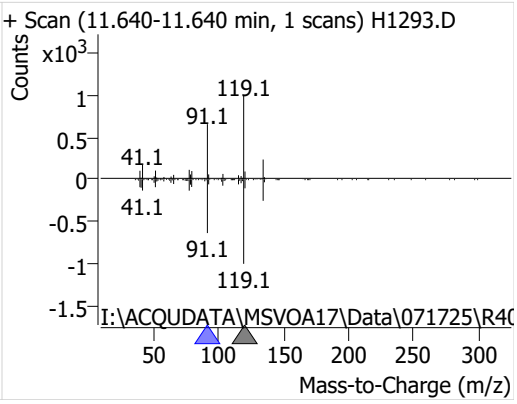


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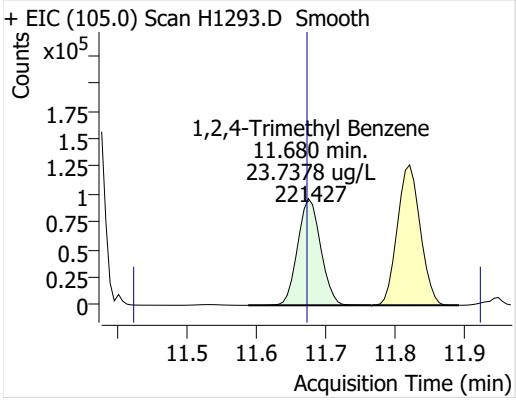
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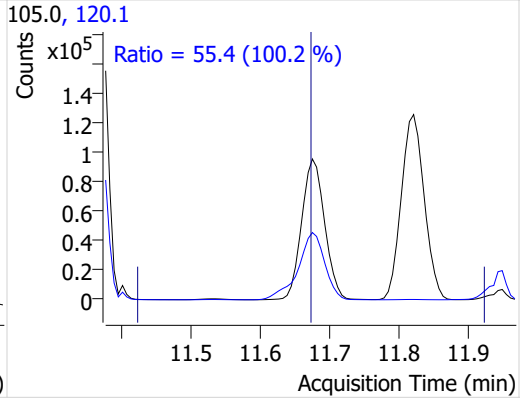


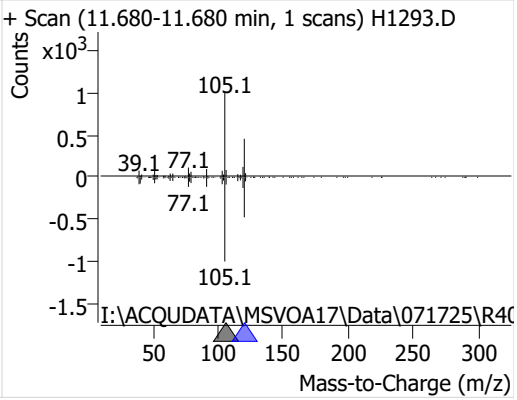




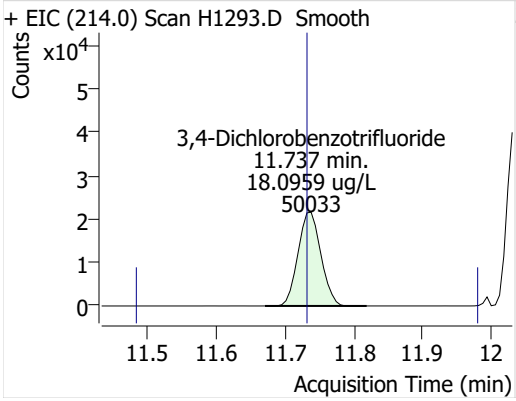
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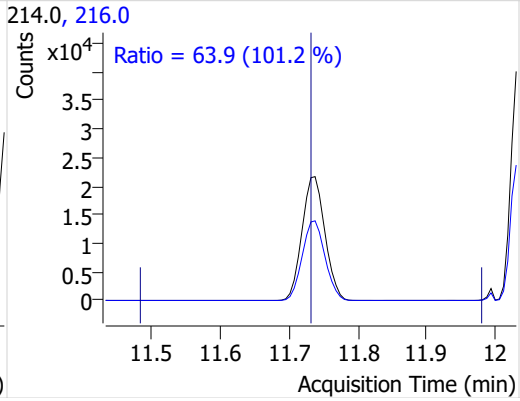


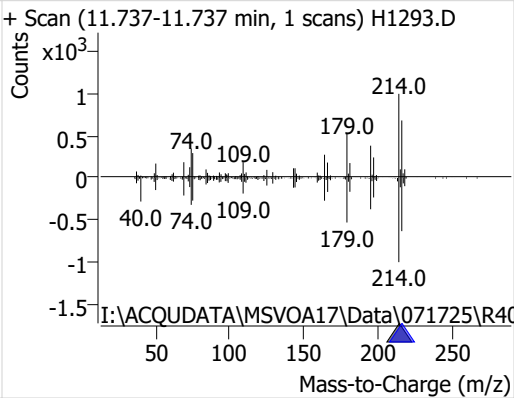




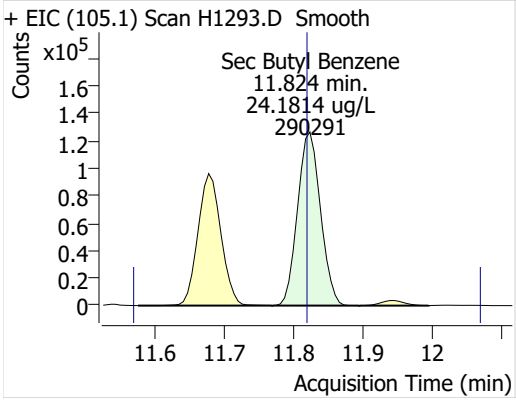
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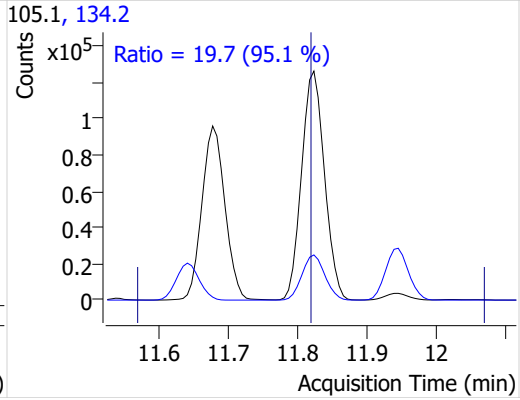


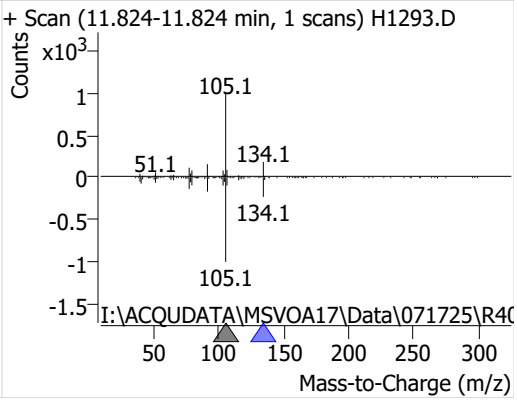




Sec Butyl Benzene

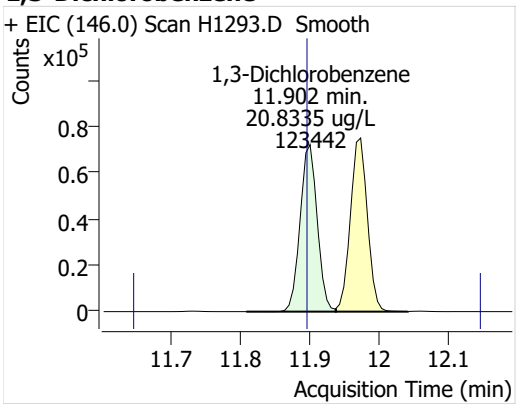


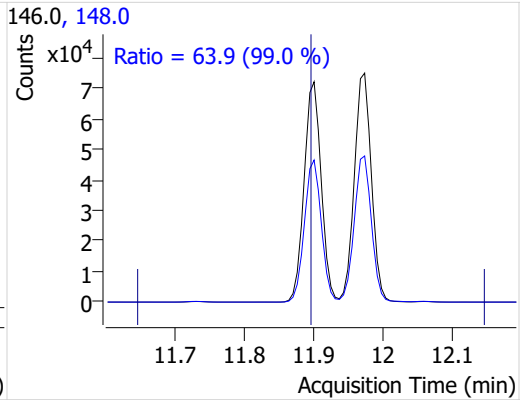


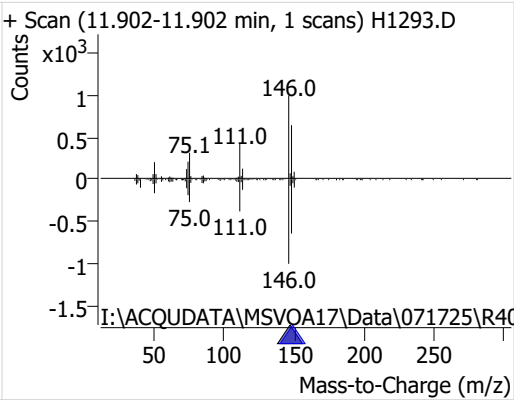


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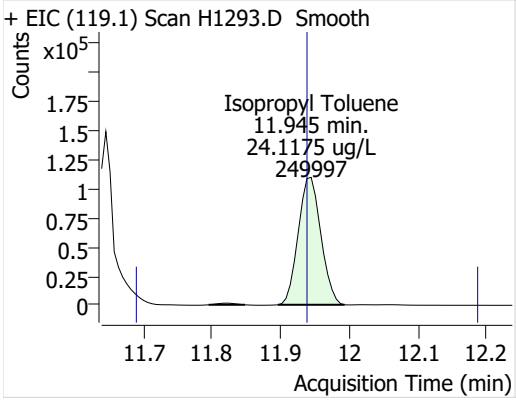
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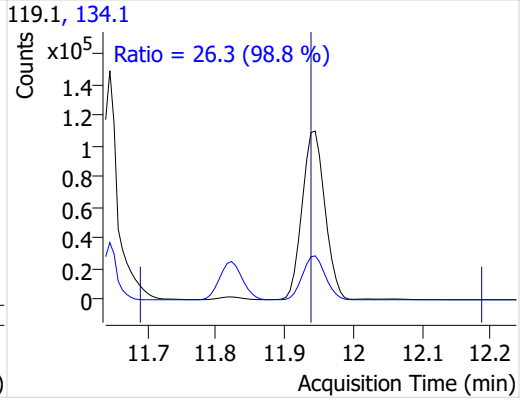


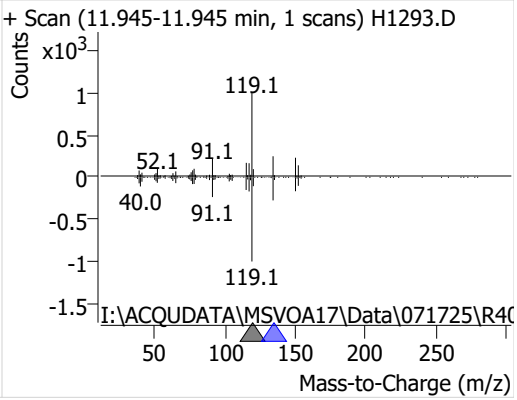




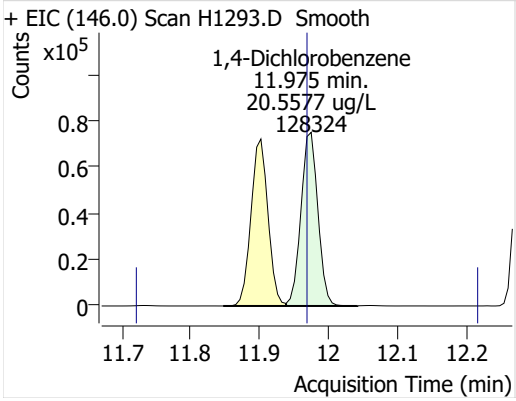
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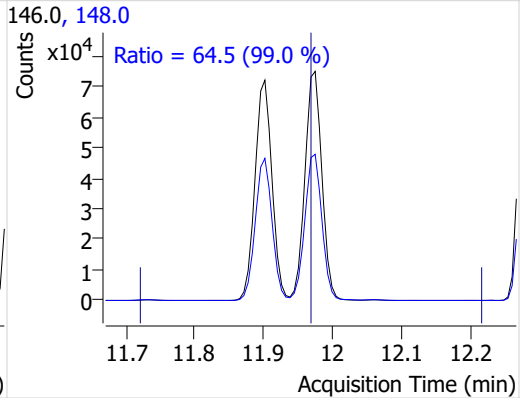


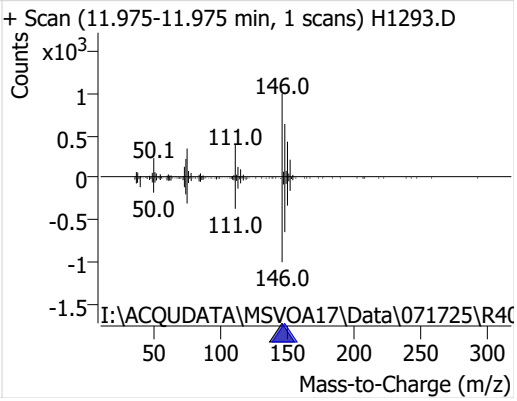




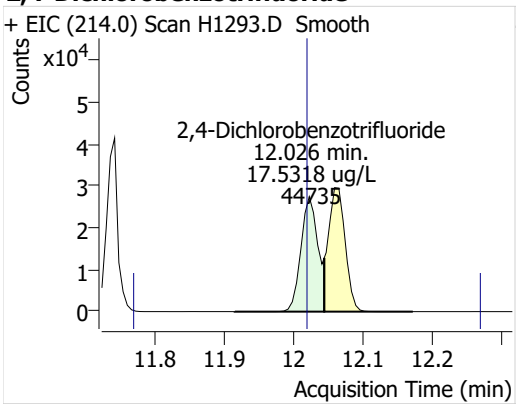
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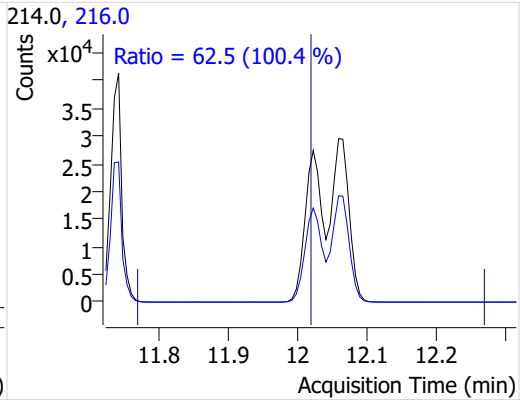


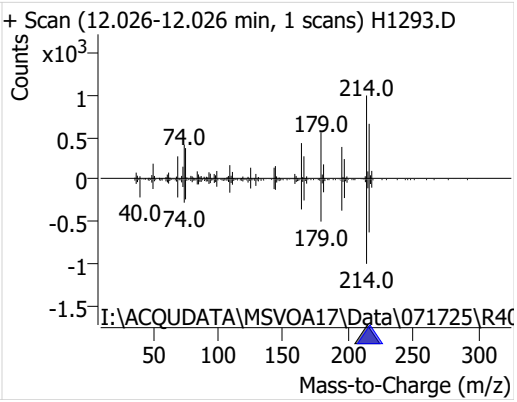




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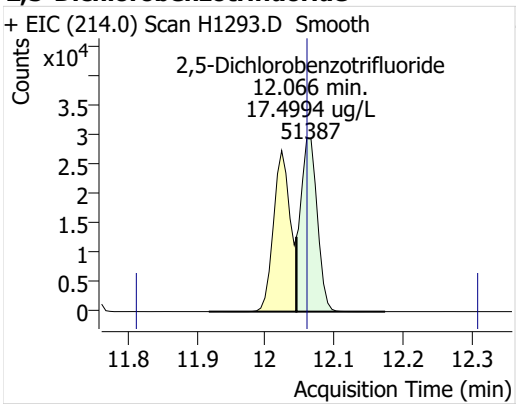


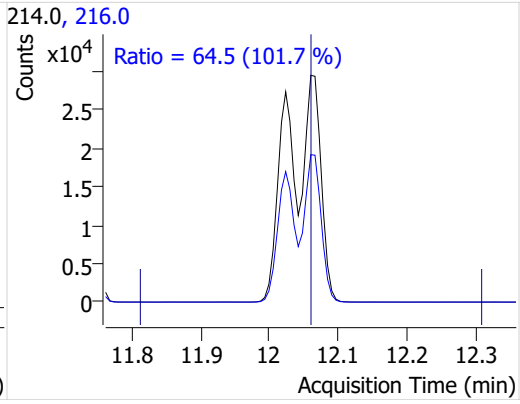


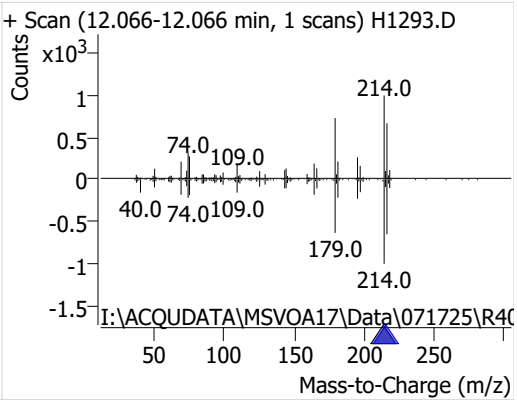


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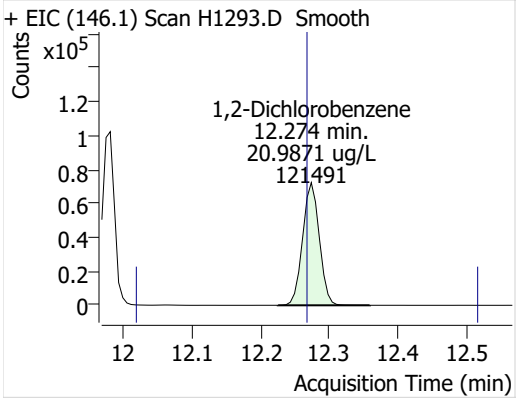
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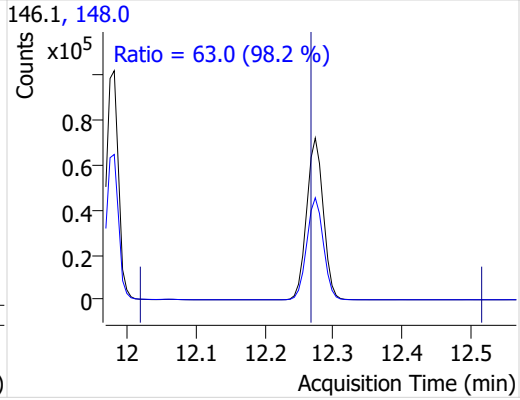


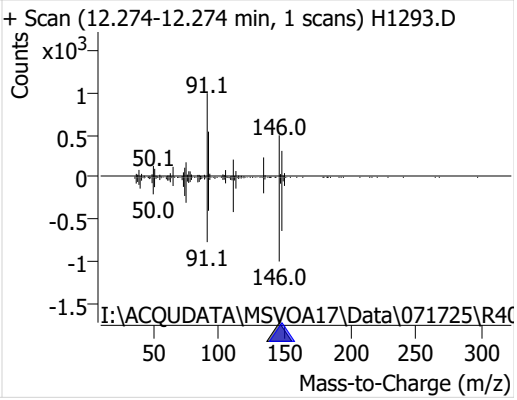




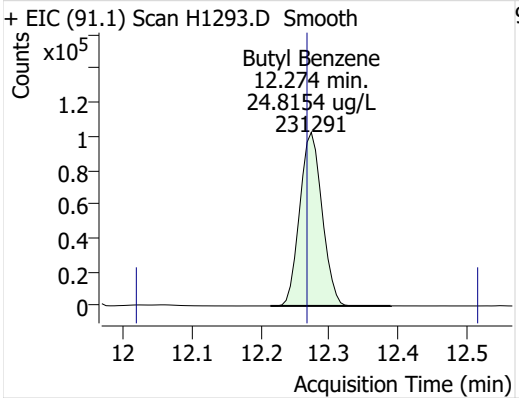
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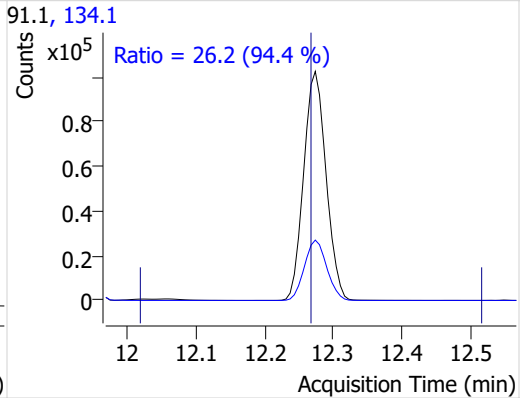


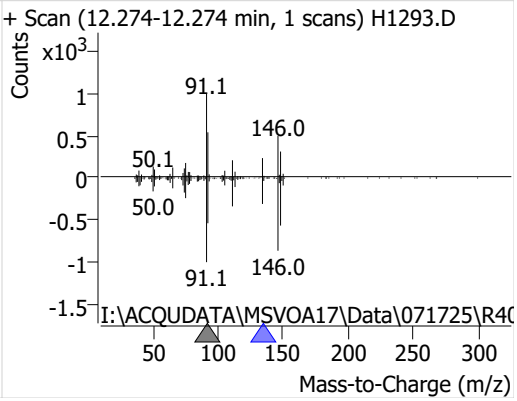




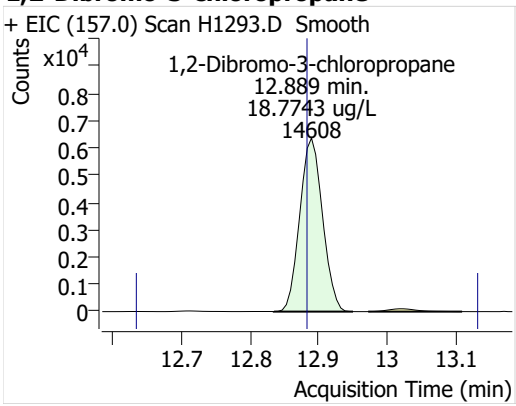
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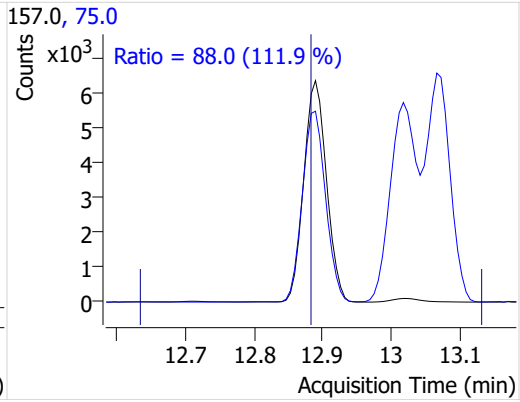


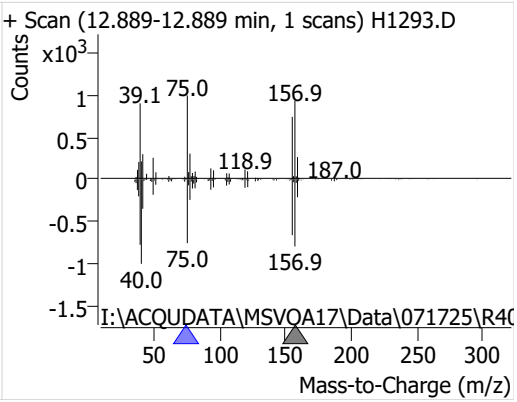




1,2-Dibromo-3-chloropropane

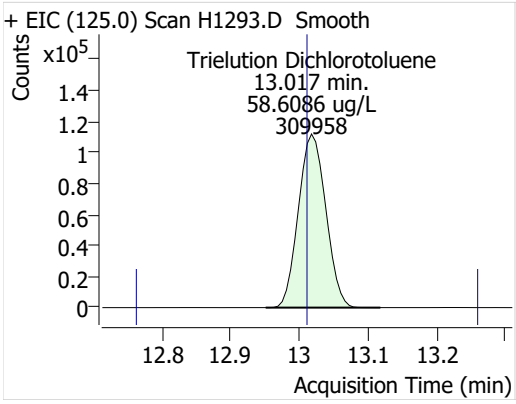


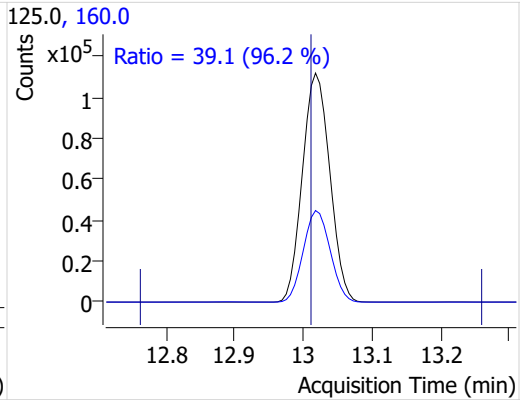


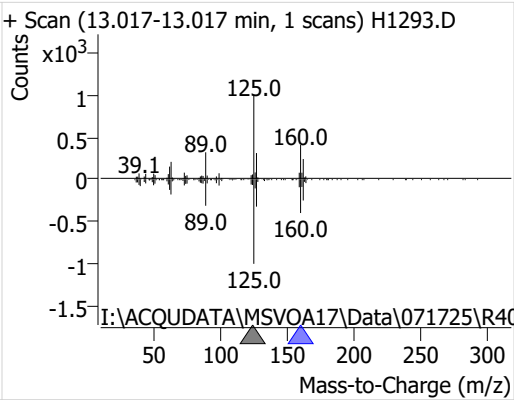


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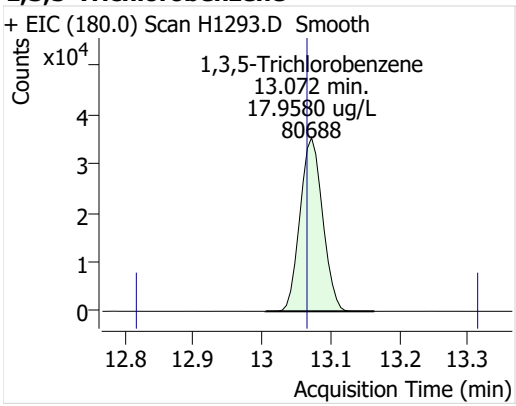
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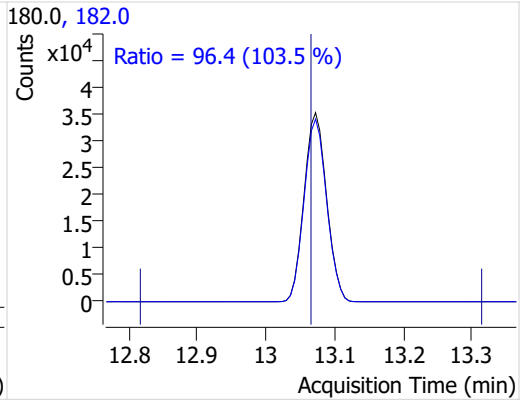


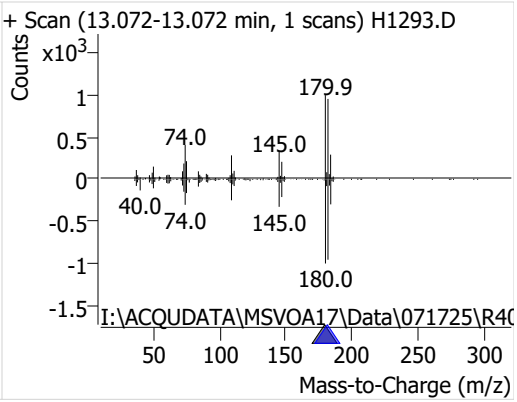




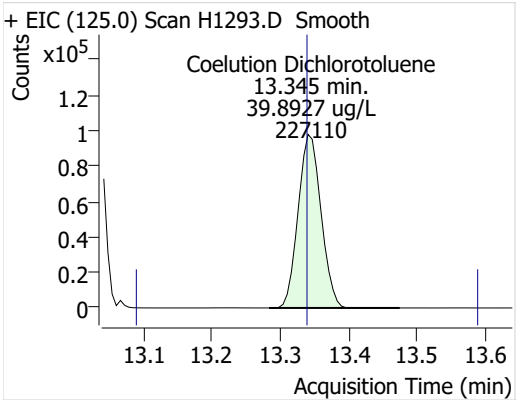
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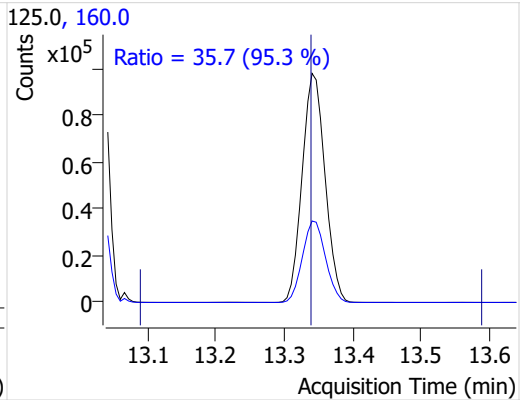


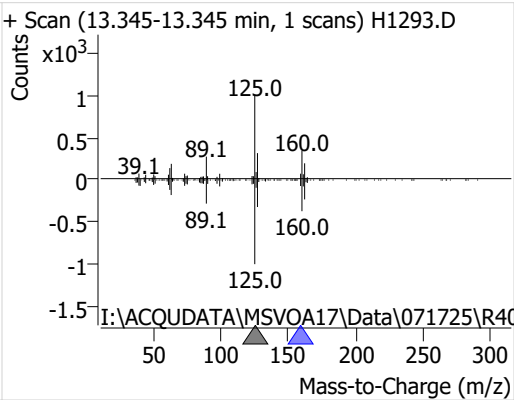




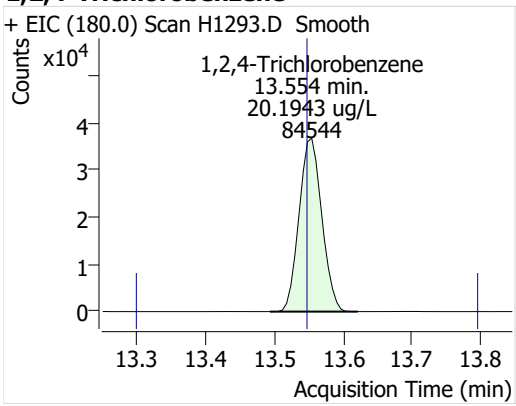
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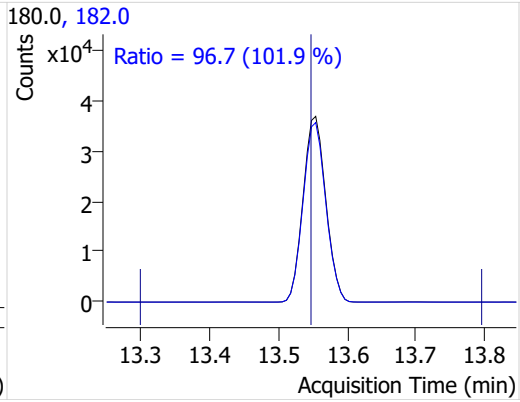


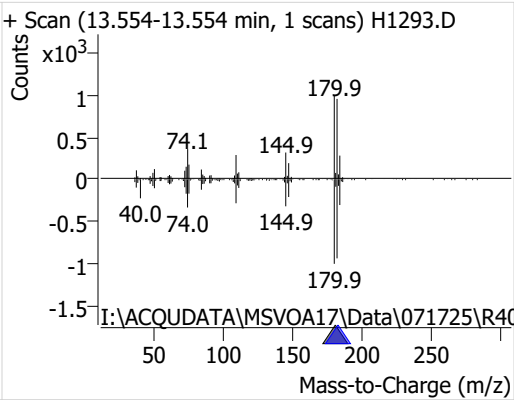




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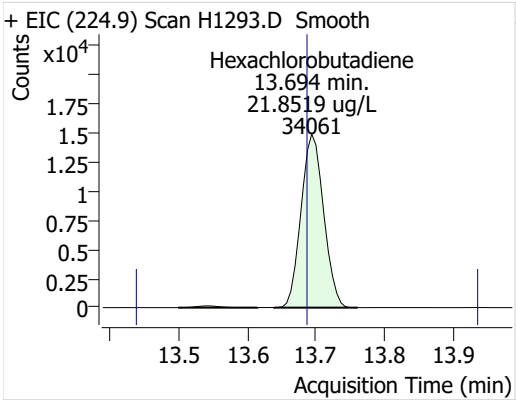


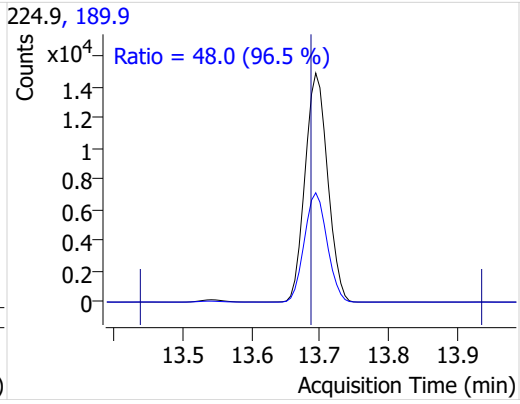


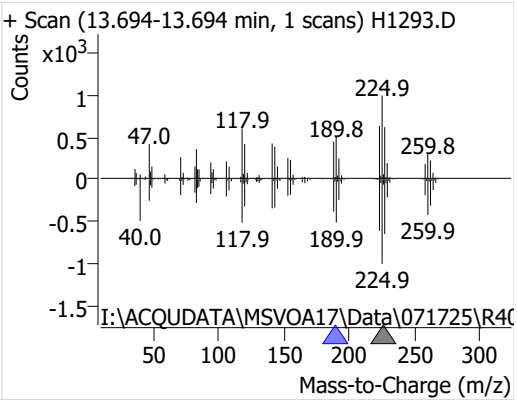


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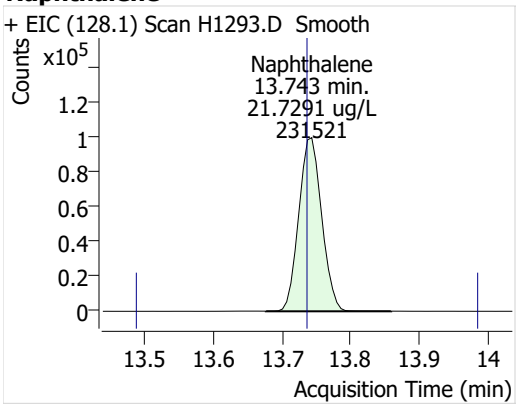
Hexachlorobutadiene

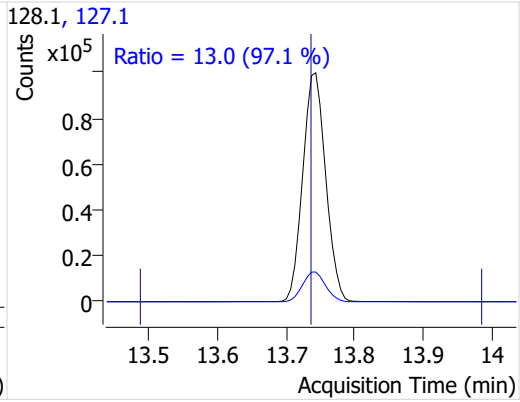


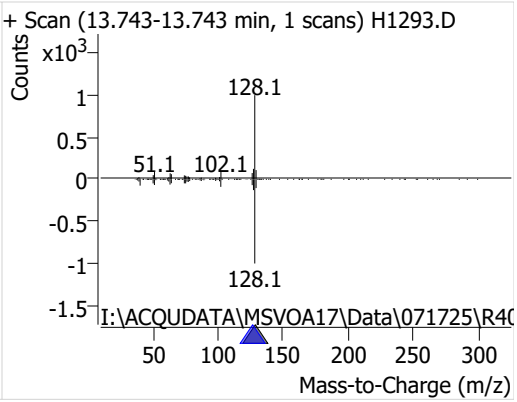




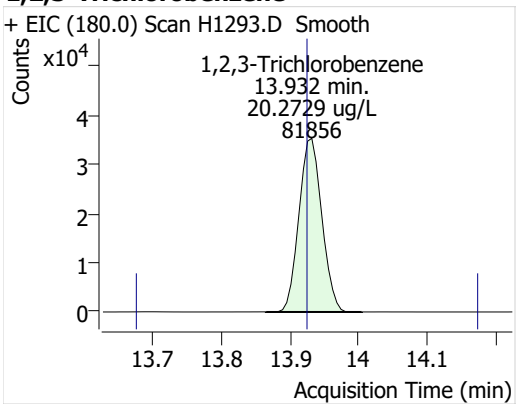
Naphthalene

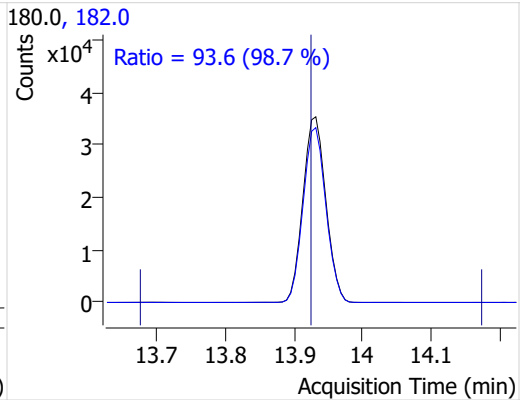


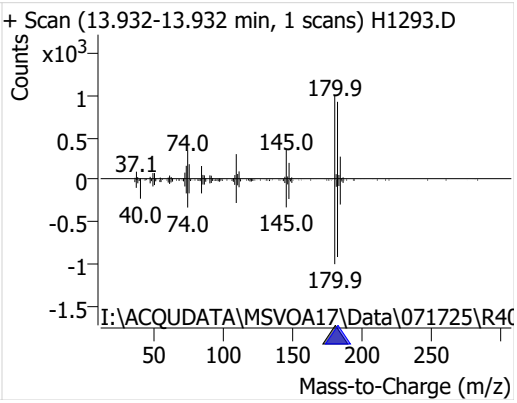




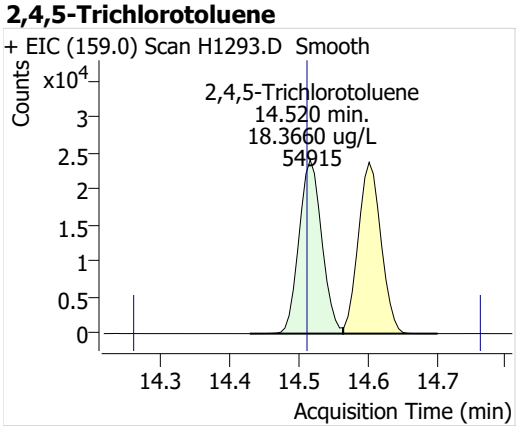
1,2,3-Trichlorobenzene

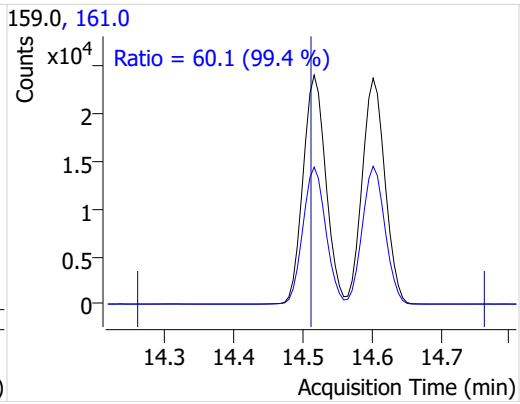


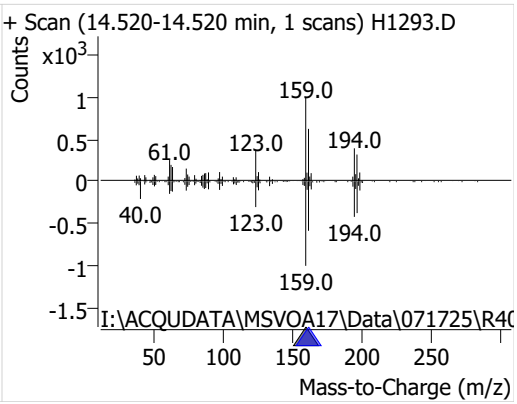




2,4,5-Trichlorotoluene

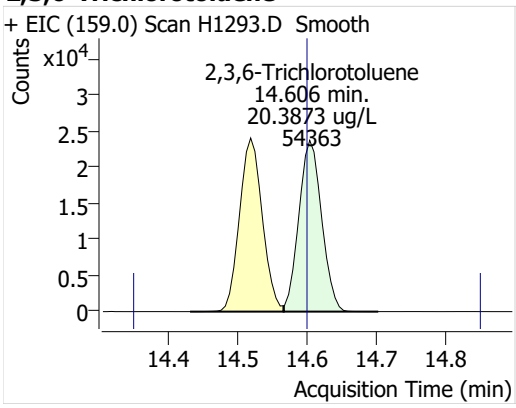


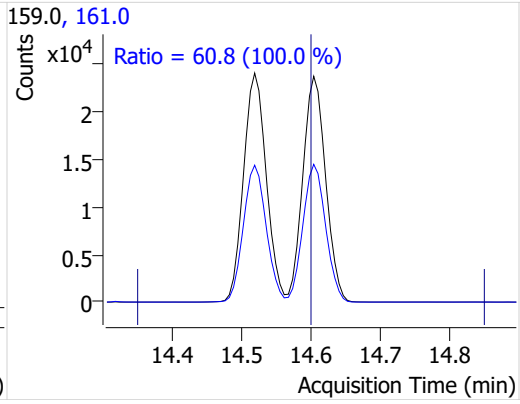


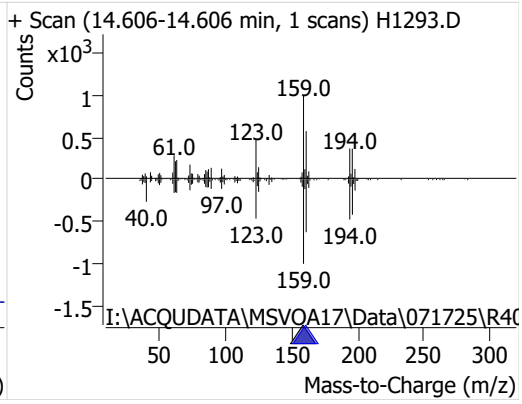


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





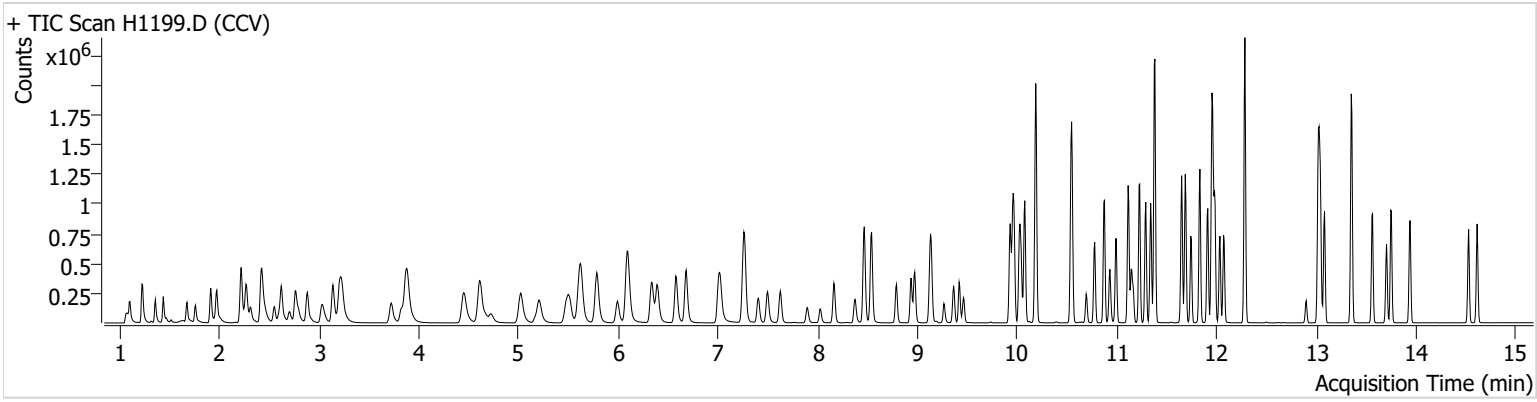


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1199.D

Acq. Date-Time	9/20/2025 10:06:37 AM	**Name**	CCV
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	248913	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	416924	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	369002	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.003	223511	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	129241	48.0834	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	520141	50.0674	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	181614	50.4985	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167995	54.1508	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	156051	51.1443	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	168345	55.5498	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.001	155032	55.8371	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	164478	50.5953	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	94684	38.2198	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	110682	46.4678	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	248619	50.7152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	212797	47.9385	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	121049	45.7560	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.001	114320	50.1831	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	190550	47.9020	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.003	78339	488.4461	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	208008	51.6349	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	134080	48.3905	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	52701	47.3393	ug/L
Iodomethane	142.000	0.453	0.000	2.545	0.002	157902	47.0707	ug/L
2-Propanol	45.000	0.463	0.001	2.603	0.004	152371	934.2338	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.003	348976	51.7133	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	303736 LT	335.2059	ug/L
Methyl Acetate	43.000	0.495	0.000	2.785	0.001	113154	51.2407	ug/L

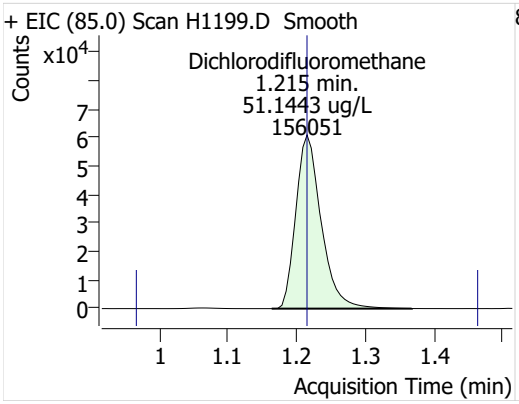
Masshunter Quantitative Analysis Sample Report

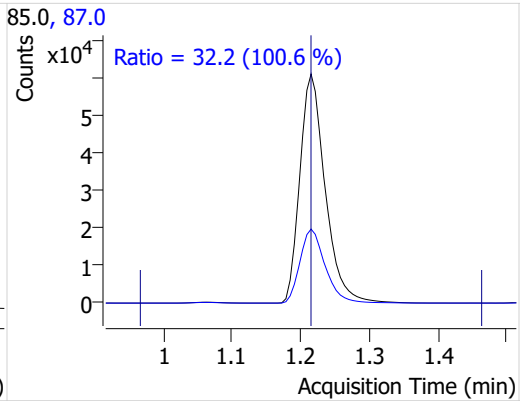
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	126301	46.6962	ug/L
TBA	59.000	0.538	0.000	3.026	0.000	225985	897.6870	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	308381	269.3168	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	187109	52.4805	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	361384	48.5097	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	231971	50.7832	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	210308	54.5598	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	109772	51.1705	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	439921	56.3844	ug/L
ETBE	59.000	0.791	0.001	4.446	0.004	376717	51.5962	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.002	138299	48.5408	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	160762	47.1090	ug/L
2-Butanone	43.000	0.830	0.001	4.669	0.004	69221	49.4112	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.003	115311	262.0416	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	89016	44.4717	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.019	0.002	60185	52.5065	ug/L
Tetrahydrofuran	42.000	0.919	0.001	5.166	0.004	45773	53.8636	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	227055	48.3271	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	189858	49.2525	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	196693	50.8429	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.002	167730	47.0494	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	160286	48.3303	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	484396	48.5453	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	196561	50.9369	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	101963	1045.5171	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	329934	48.6953	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.002	199758	57.4056	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	139175	45.3791	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	174679	2543.7289	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	197469	54.5858	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	138027	50.3027	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	83498	42.6349	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	35249	872.8186	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	91996	48.8783	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	173672	47.7328	ug/L
2-Nitropropane	43.000	1.183	0.000	7.889	0.002	91621	102.3986	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.019	0.001	52118	63.6766	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	170907	47.2269	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	142349	53.6731	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	537957	49.2642	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	149919	47.1517	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	163805	49.3784	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	120883	48.0339	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	125023	44.8744	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	207373	48.6081	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	49338	47.3253	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	140282	47.1909	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	210873	52.9469	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	120906	48.8186	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	360142	46.5932	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	166888	41.4576	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	158209	41.4365	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	131291	48.7877	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	603569	50.4950	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	940452	104.4474	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	486255	50.5795	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	395022	48.8965	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	84865	46.6725	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	169818	42.1315	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	562132	51.7714	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	151385	342.0634	ug/L

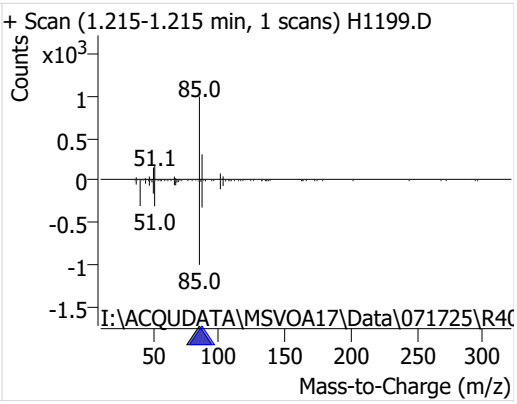
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	167865	47.3038	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	153552	43.4699	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	206591	47.1013	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	46607	54.6611	ug/L
Propyl Benzene	91.100	0.939	0.000	11.219	0.006	740301	52.2156	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.006	418021	49.0183	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.005	395408	46.0429	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	542594	50.1839	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	577214	49.7611	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	512916	48.1236	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.006	544304	51.3877	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	132382	42.1662	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	698926	51.2729	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	300239	44.6245	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	599864	50.9635	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	311906	44.0048	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	118818	41.0082	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	136460	40.9247	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	298085	45.3479	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	559175	52.8346	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	37727	42.7017	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	837668	139.4889	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	219911	43.1029	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.007	615546	95.2196	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	214204	45.0589	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	81892	46.2683	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	593306	49.0388	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	204052	44.5059	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	156818	46.1877	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	151875	50.1597	ug/L

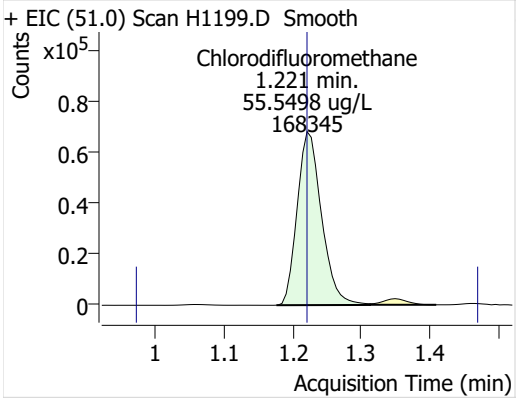
Dichlorodifluoromethane

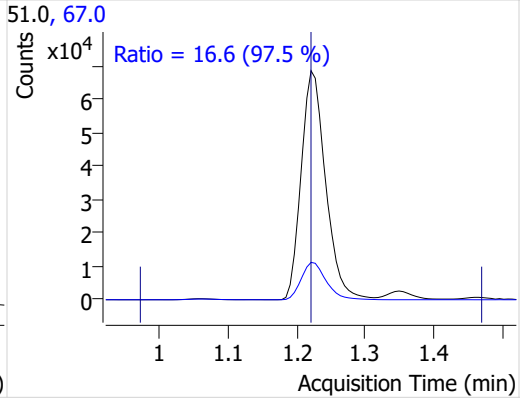


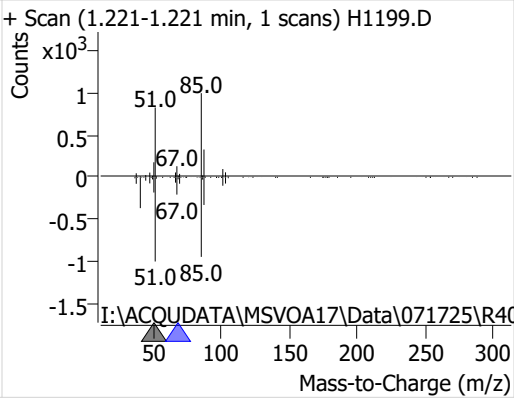




Chlorodifluoromethane

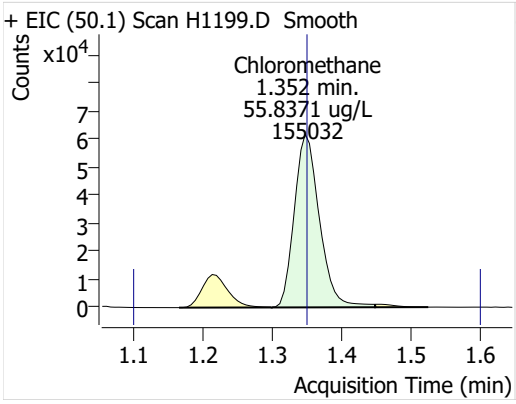


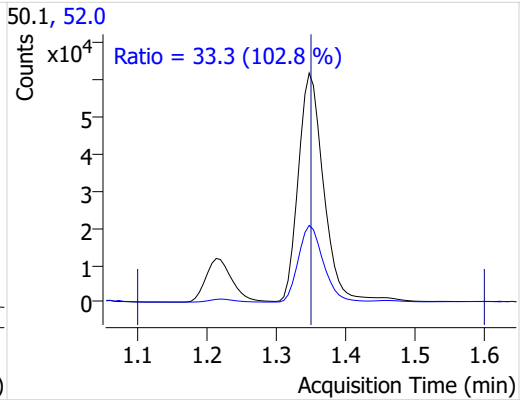


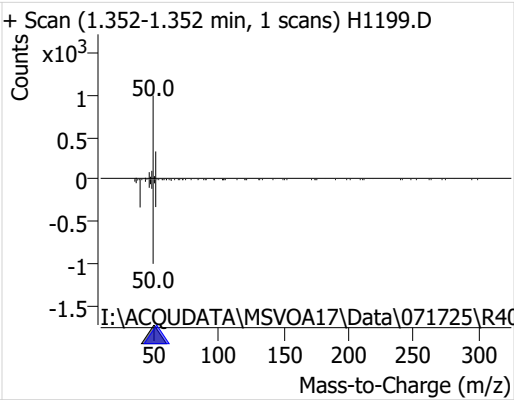


Masshunter Quantitative Analysis Sample Report

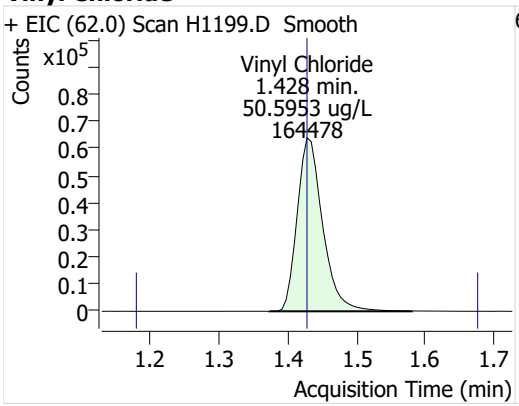
Chloromethane

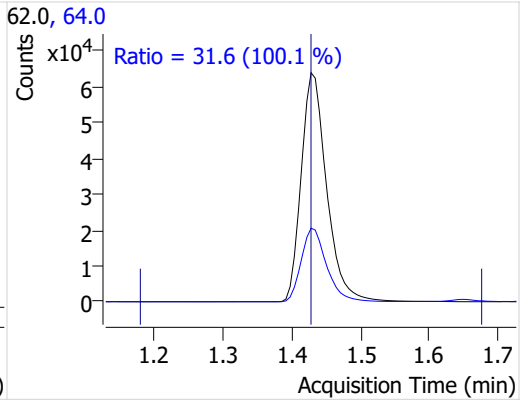


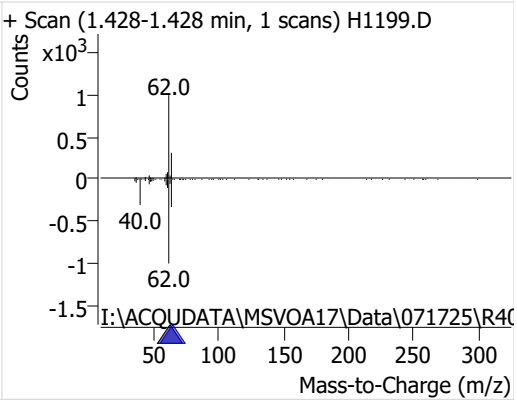




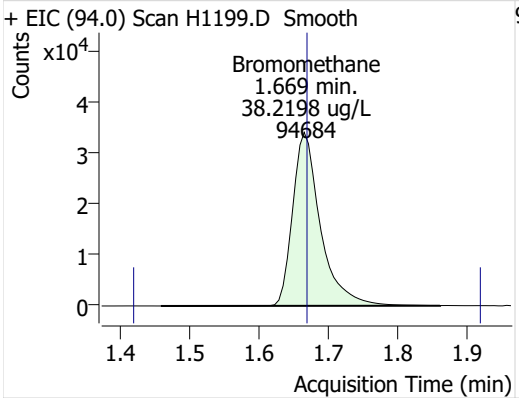
Vinyl Chloride

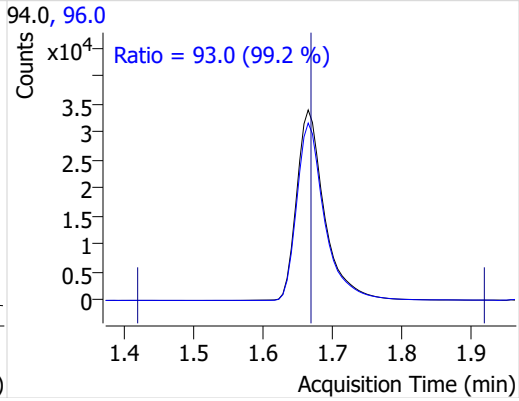


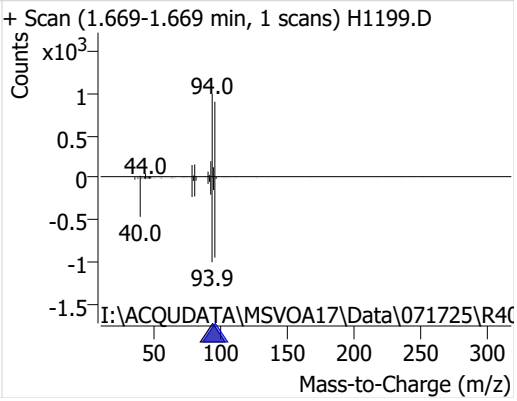




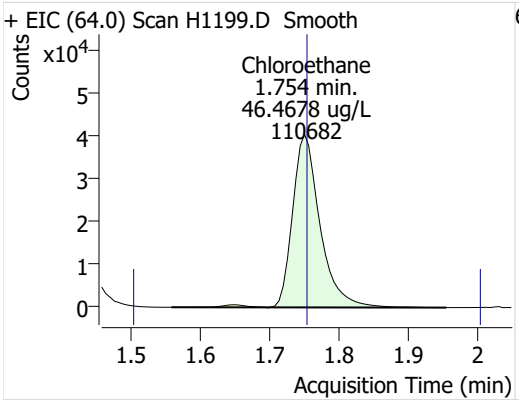
Bromomethane

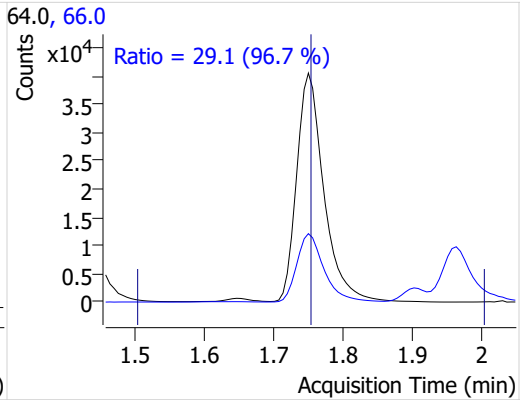


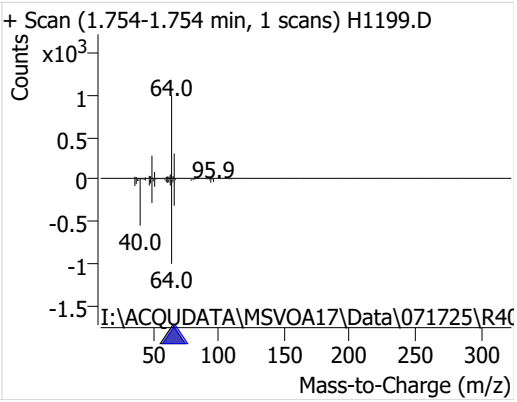




Chloroethane

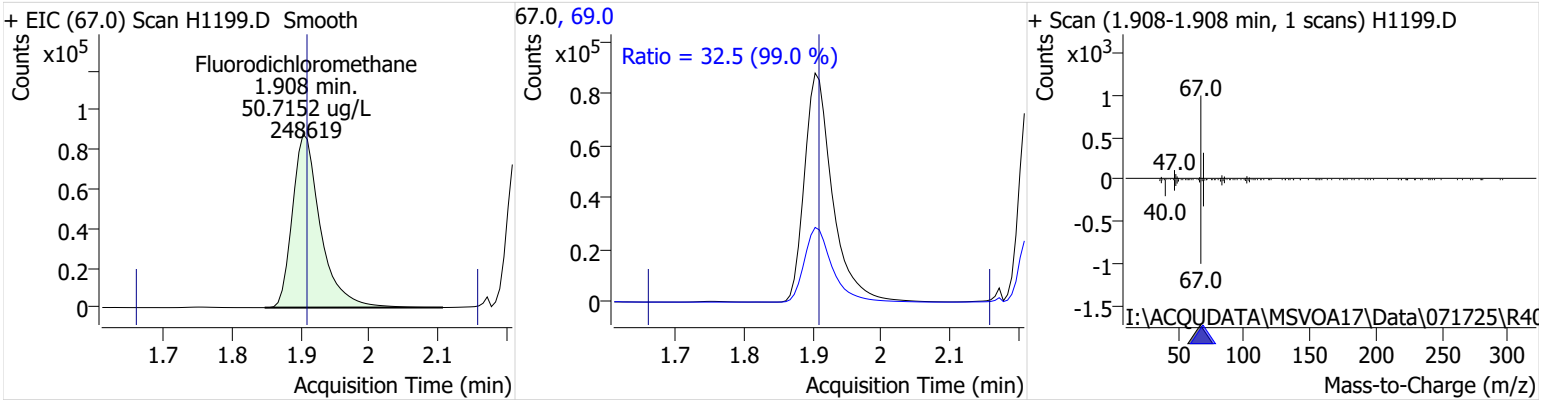




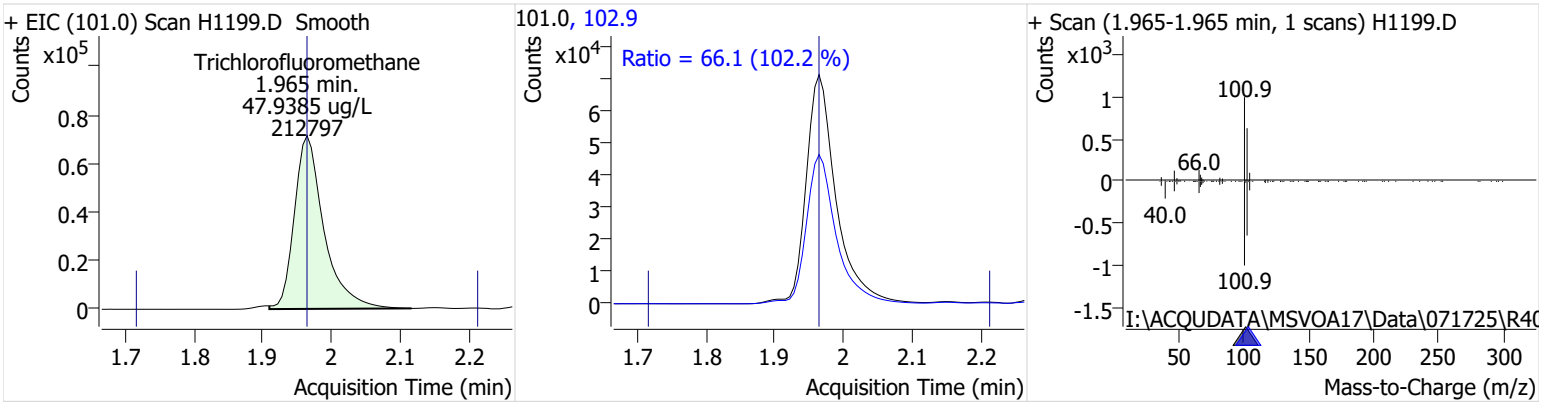


Masshunter Quantitative Analysis Sample Report

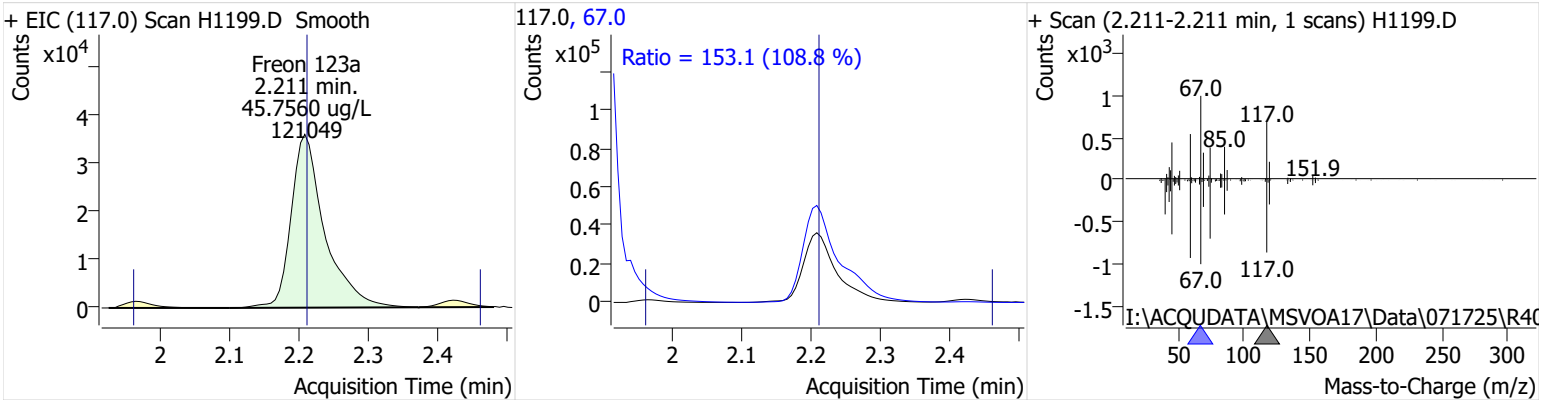
Fluorodichloromethane



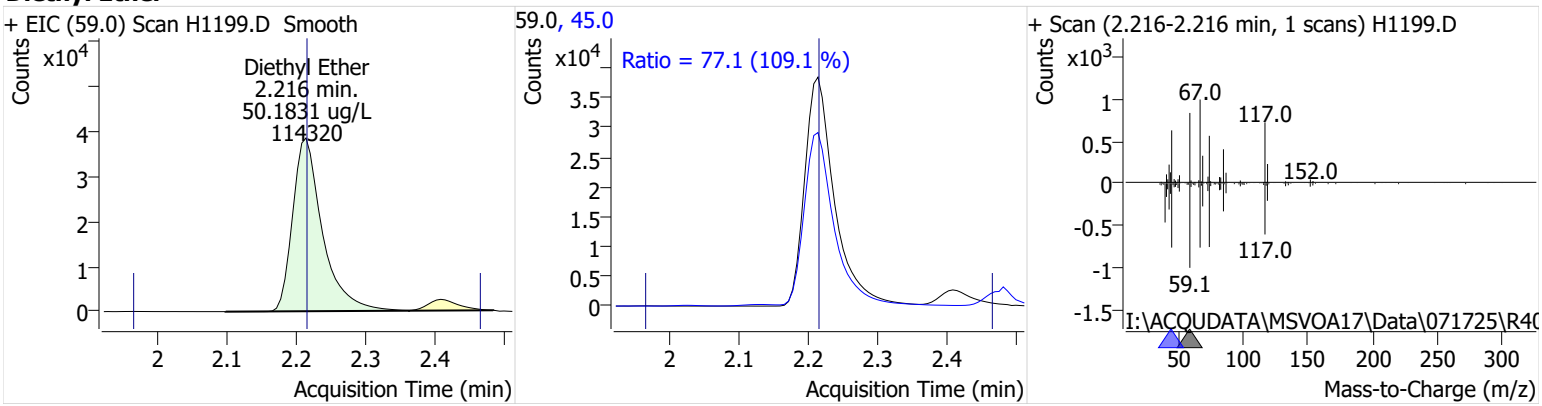
Trichlorofluoromethane



Freon 123a

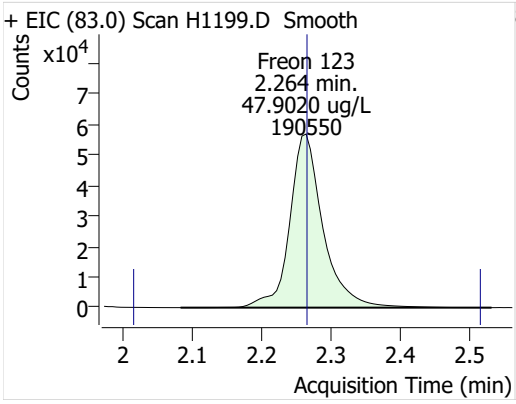


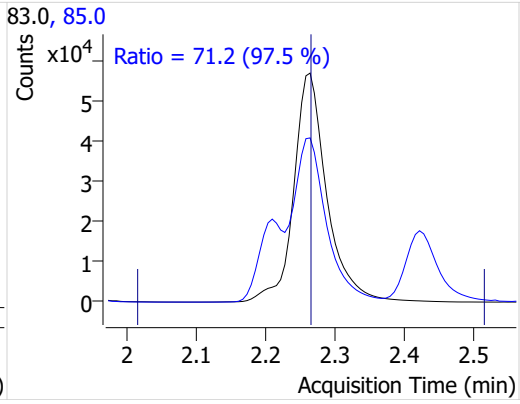
Diethyl Ether

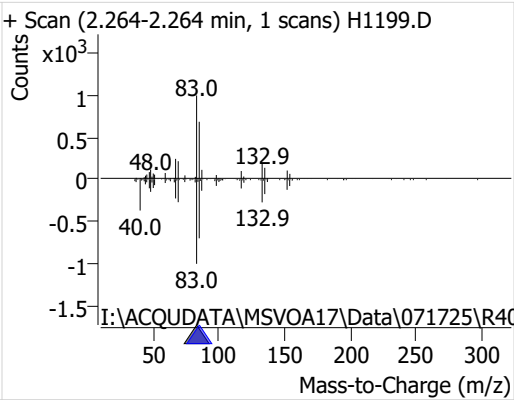


Masshunter Quantitative Analysis Sample Report

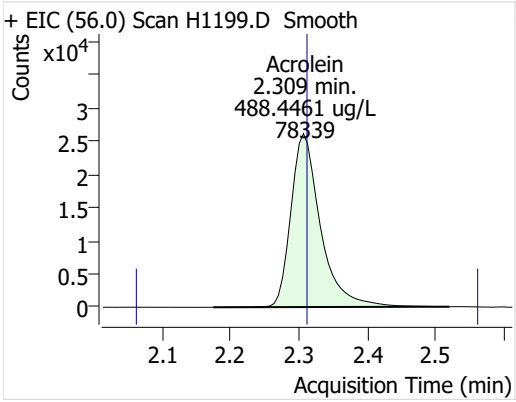
Freon 123

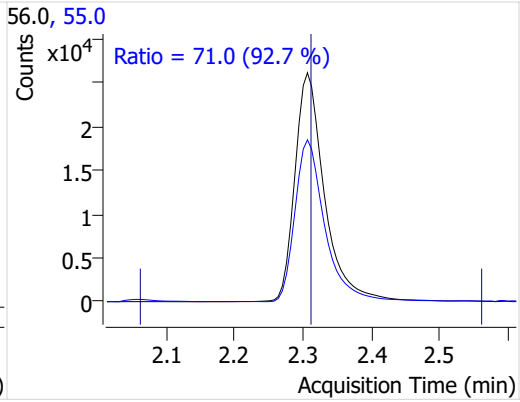


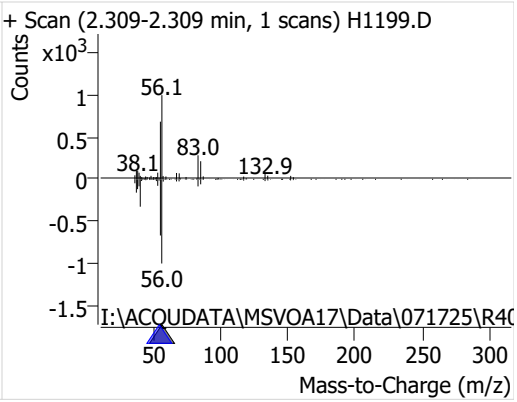




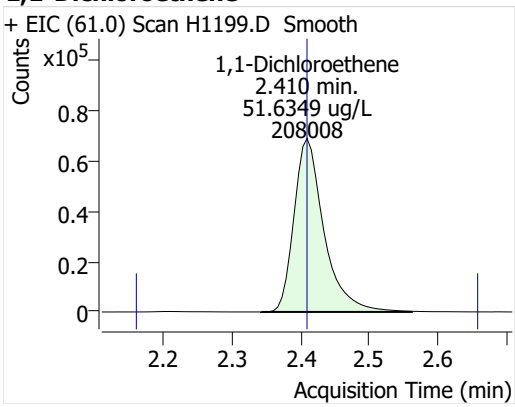
Acrolein

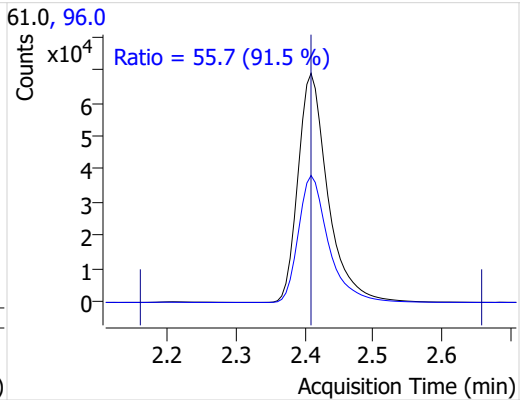


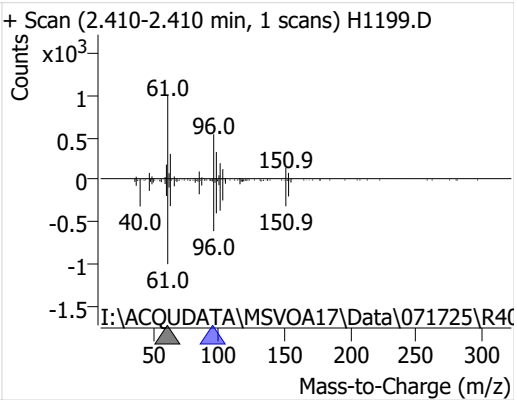




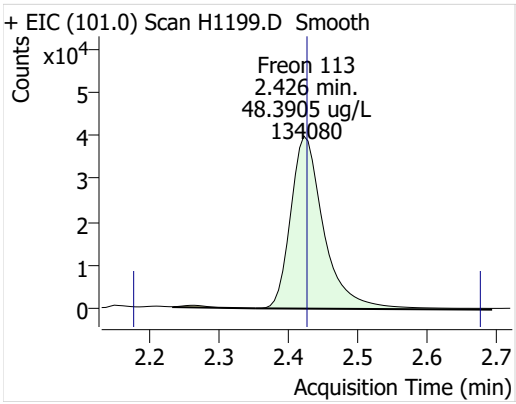
1,1-Dichloroethene

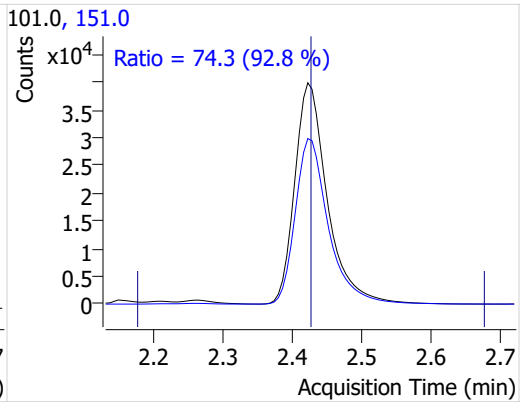


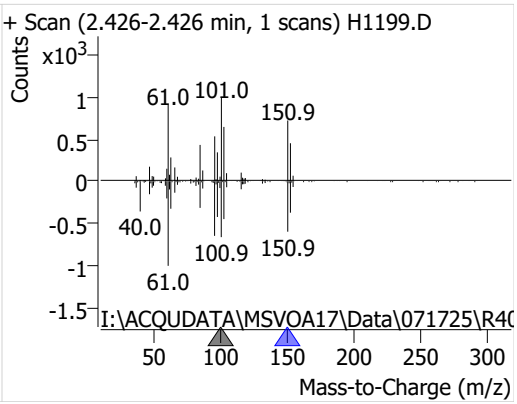




Freon 113

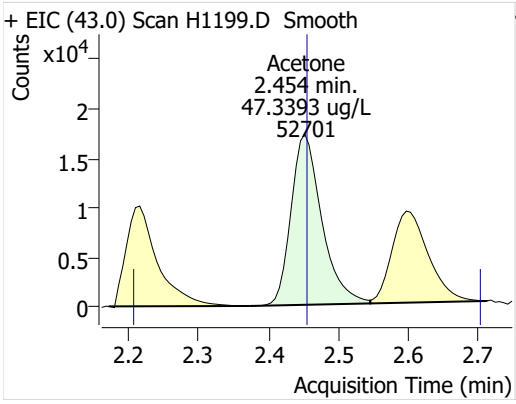


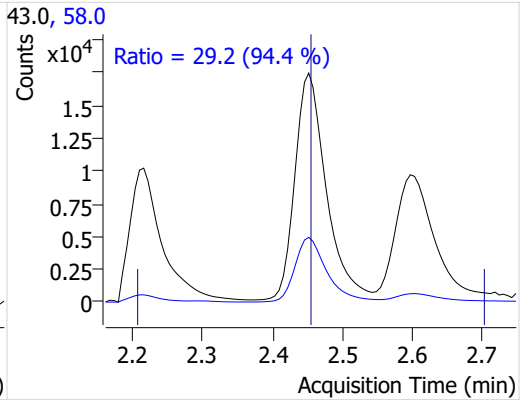


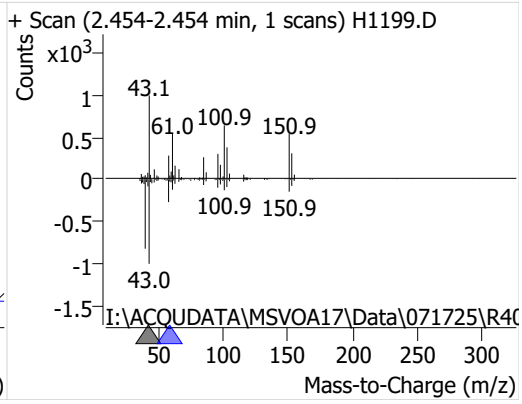


Masshunter Quantitative Analysis Sample Report

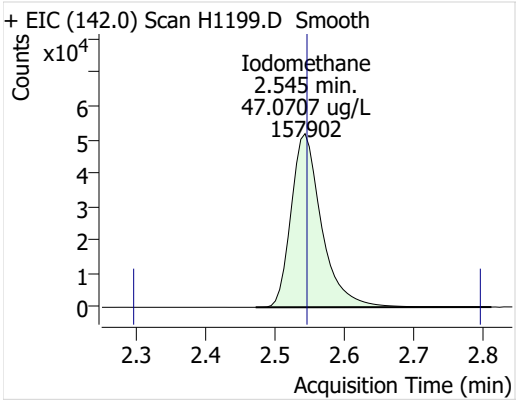
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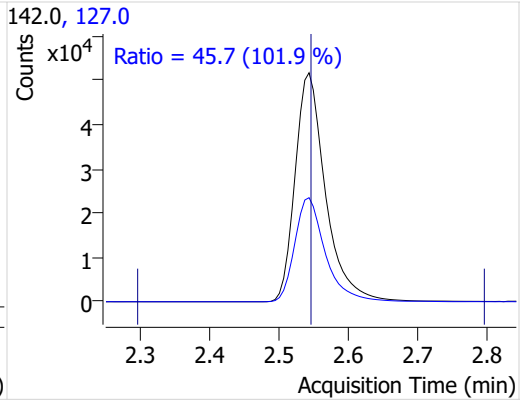


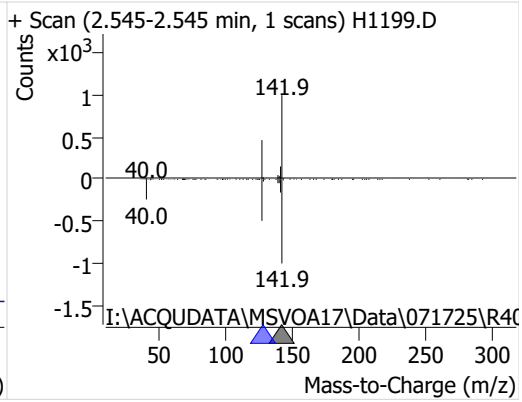




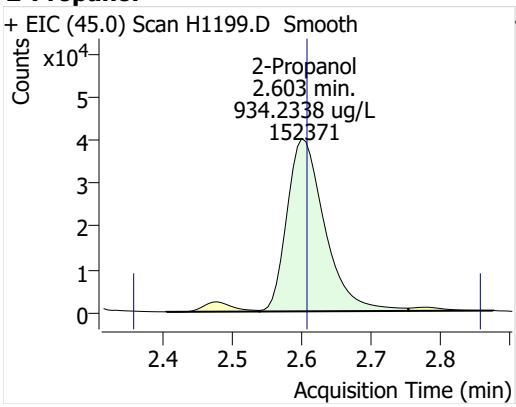
Iodomethane

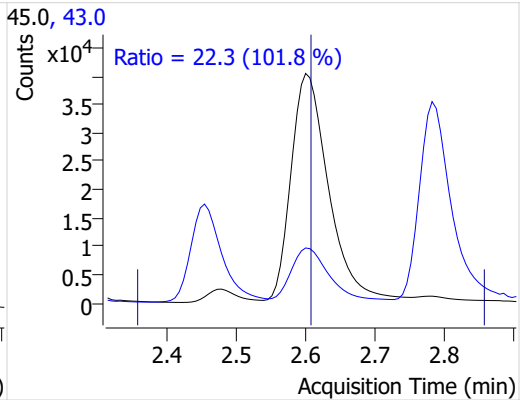


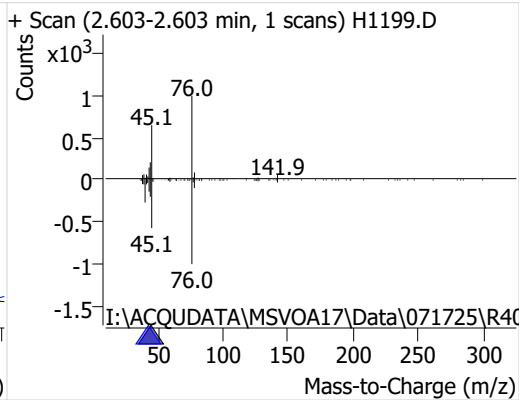




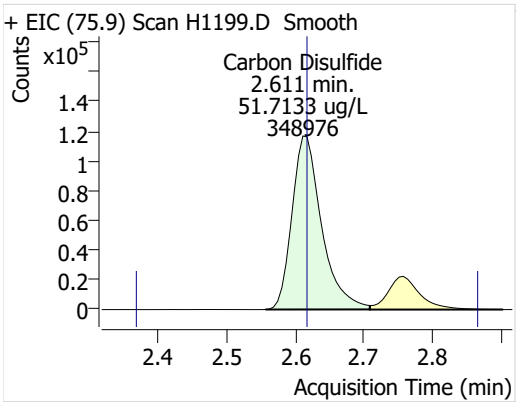
2-Propanol

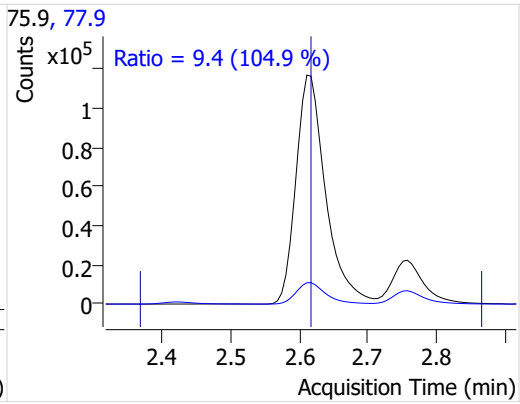


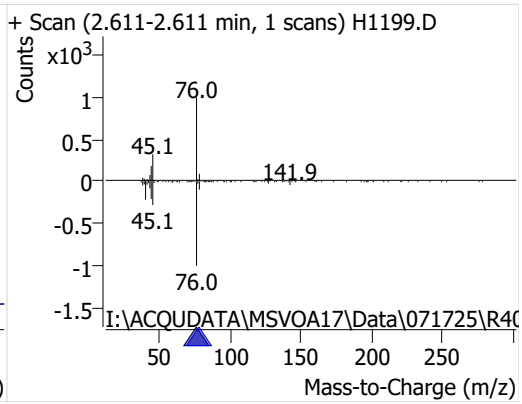




Carbon Disulfide

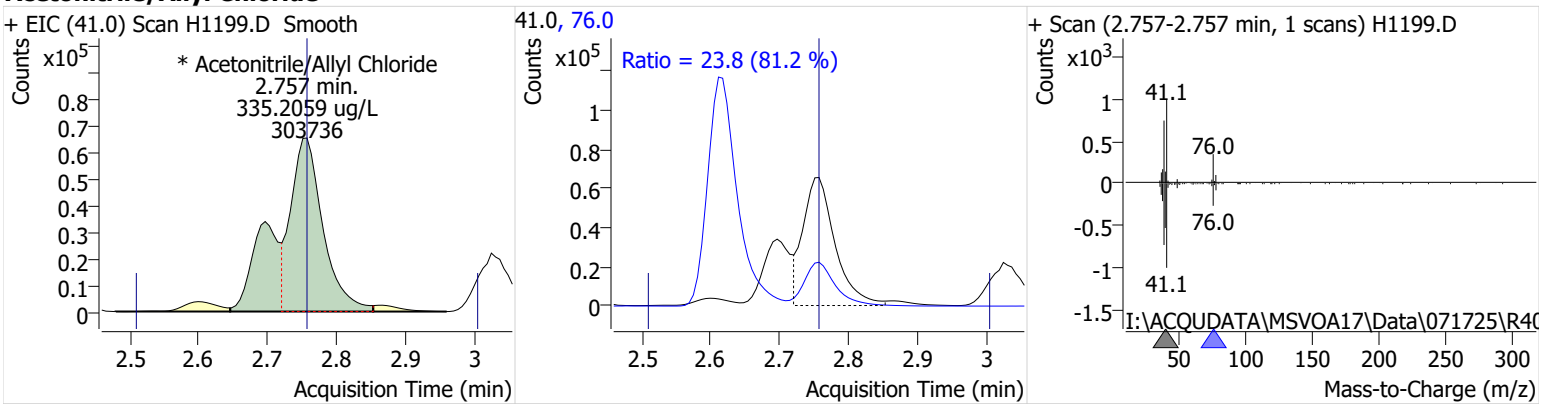




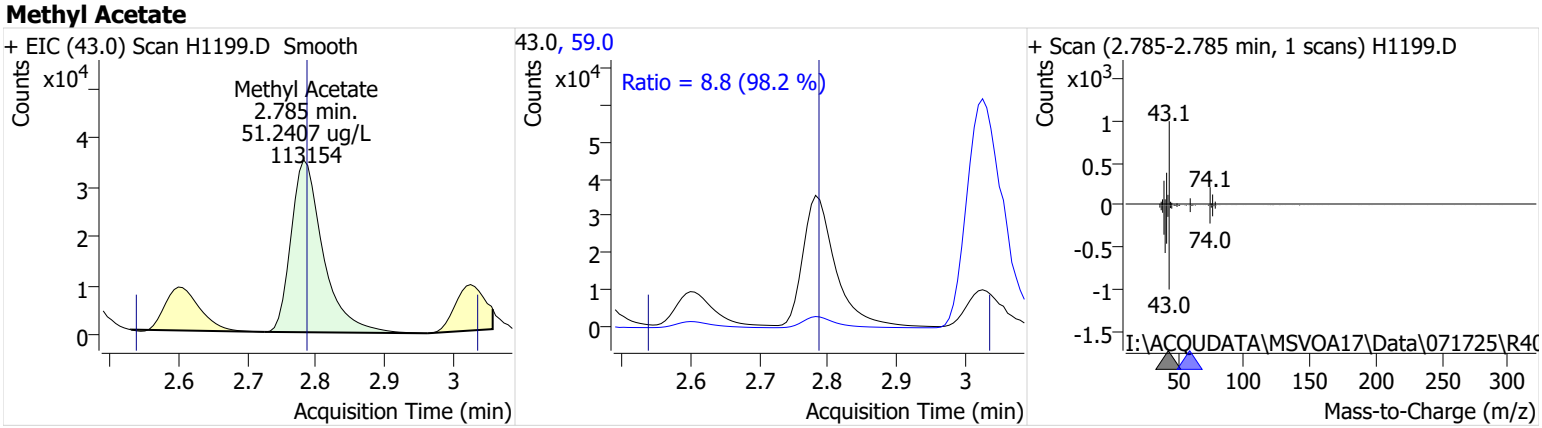


Masshunter Quantitative Analysis Sample Report

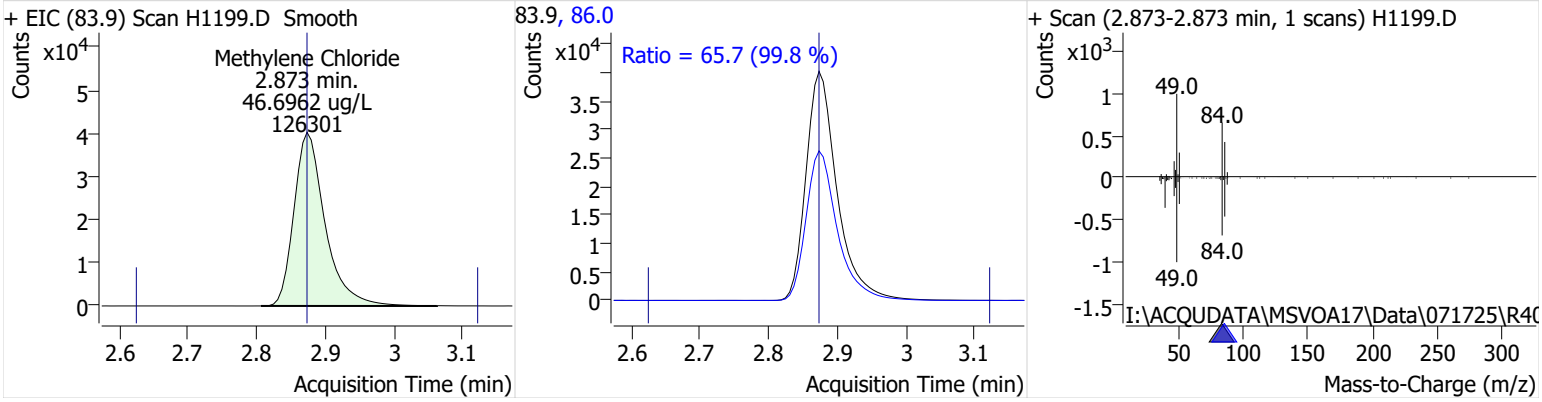
Acetonitrile/Allyl Chloride



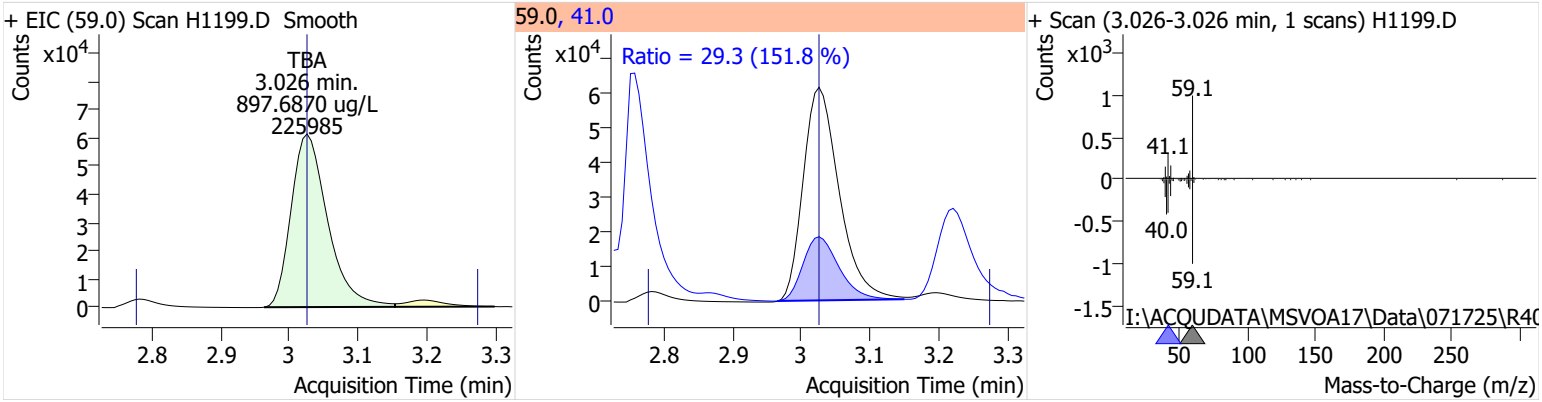
Methyl Acetate



Methylene Chloride

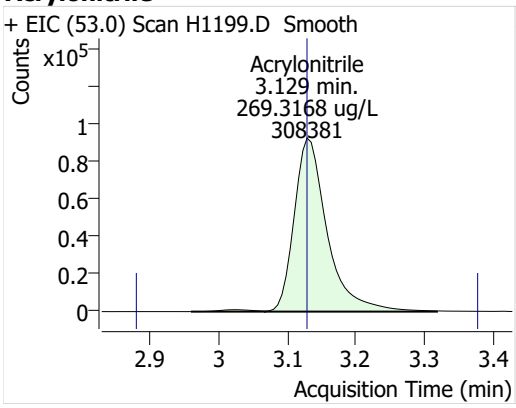


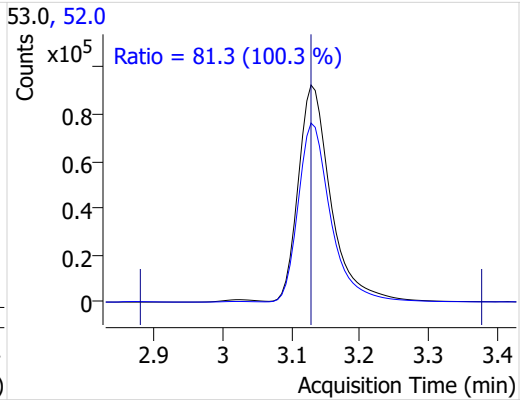
TBA

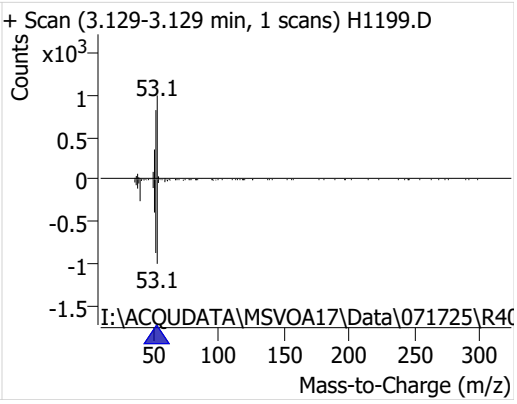


Masshunter Quantitative Analysis Sample Report

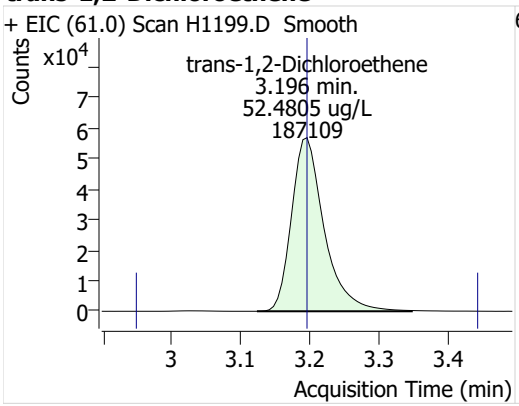
Acrylonitrile

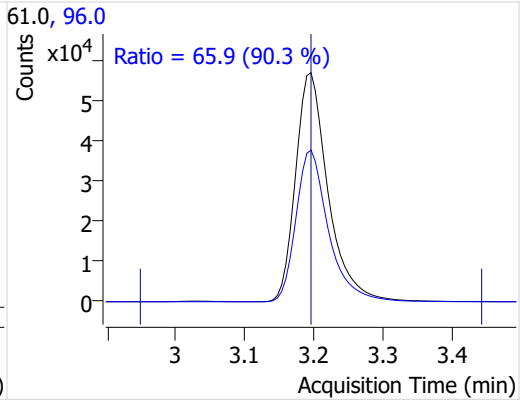


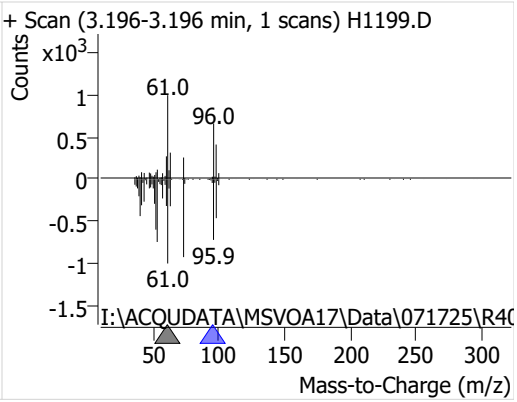




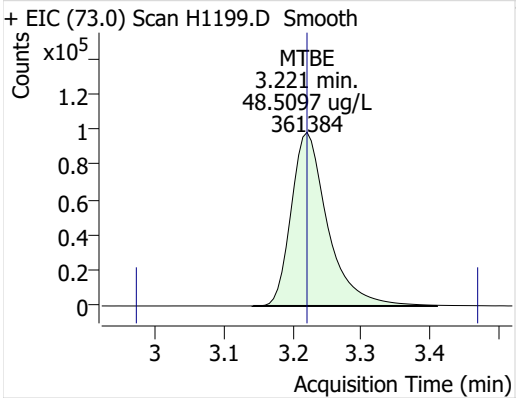
trans-1,2-Dichloroethene

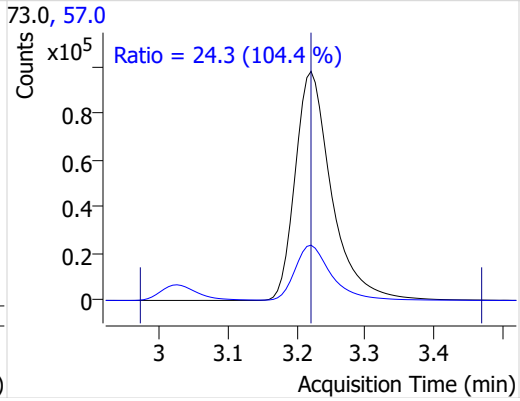


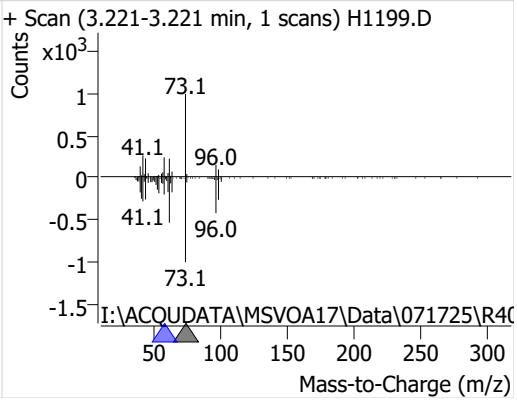




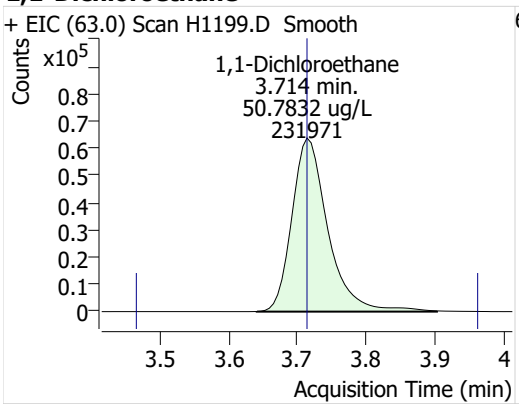
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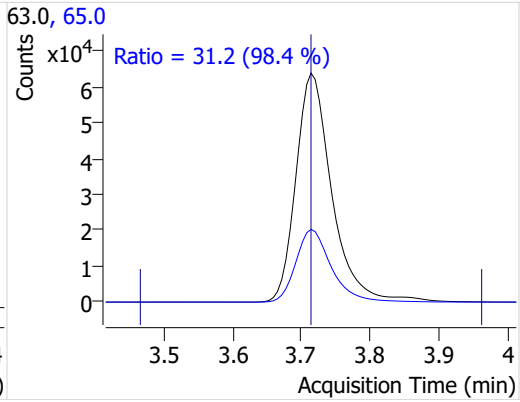


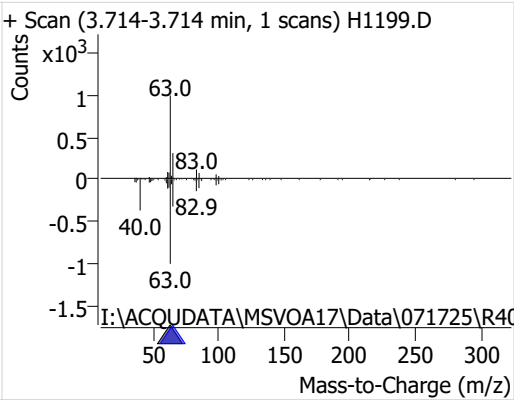




1,1-Dichloroethane

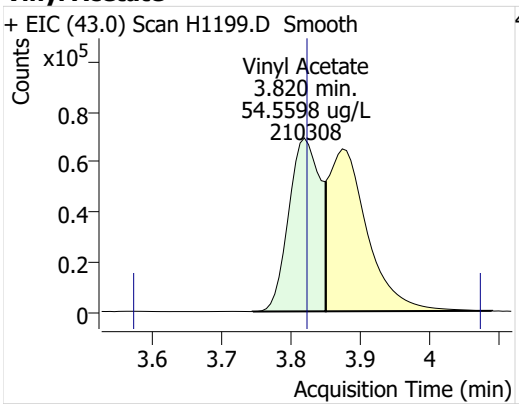


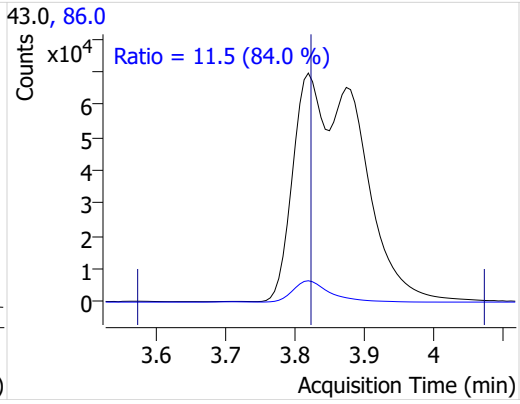


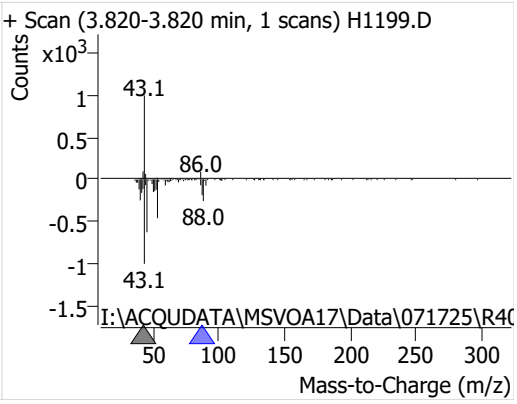


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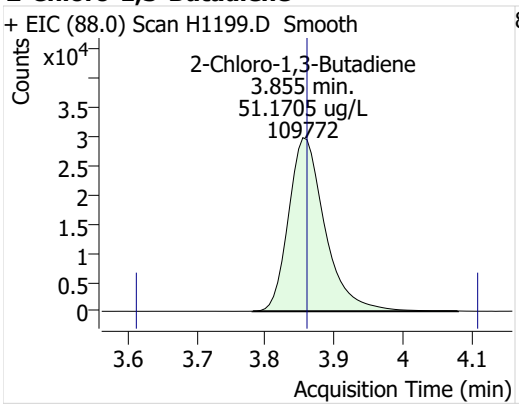
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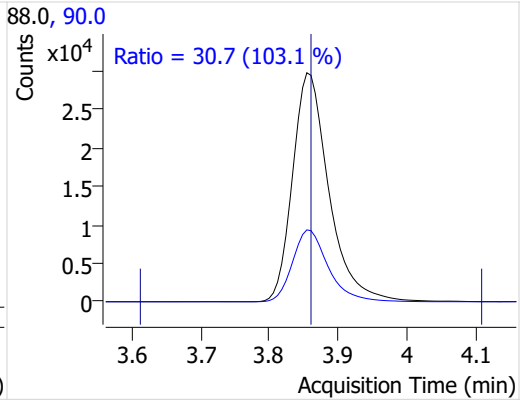


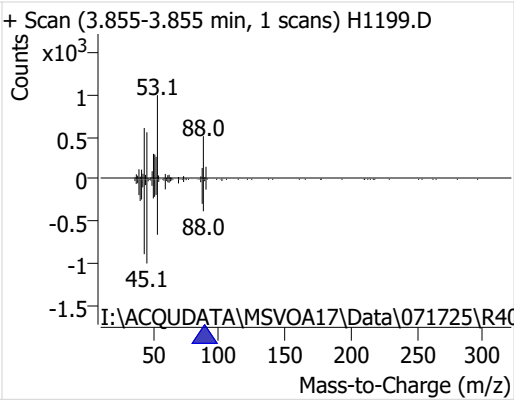




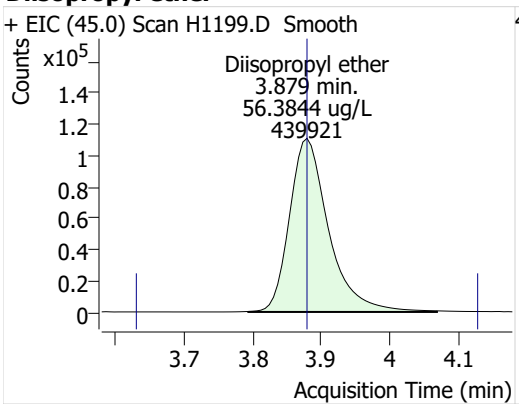
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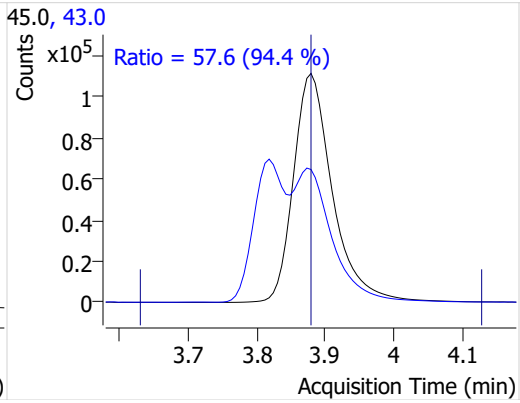


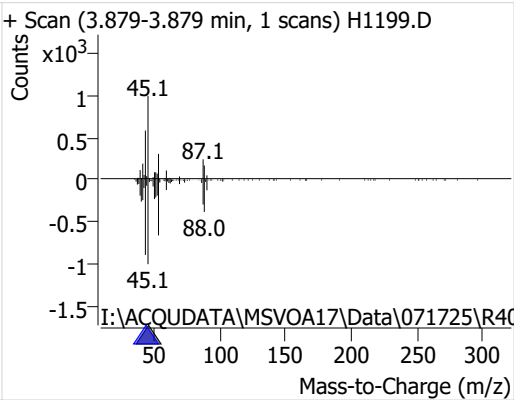




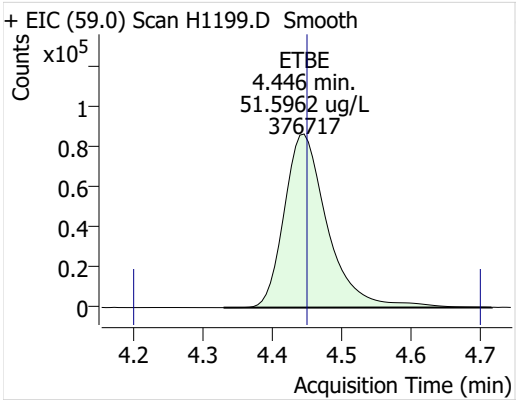
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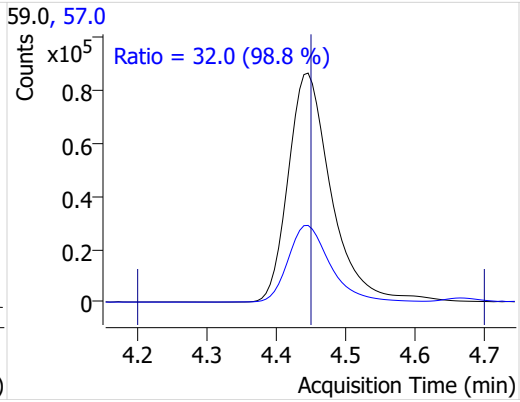


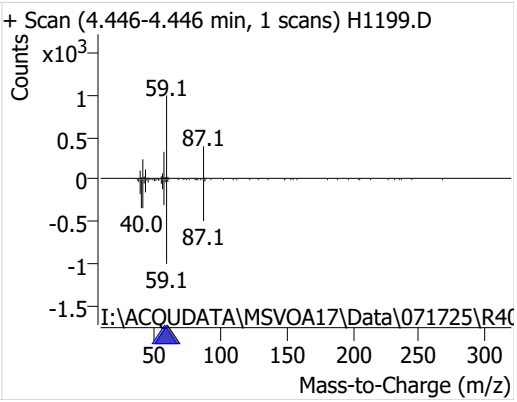




ETBE

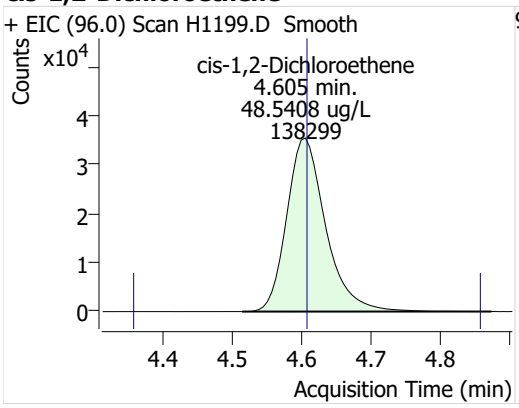


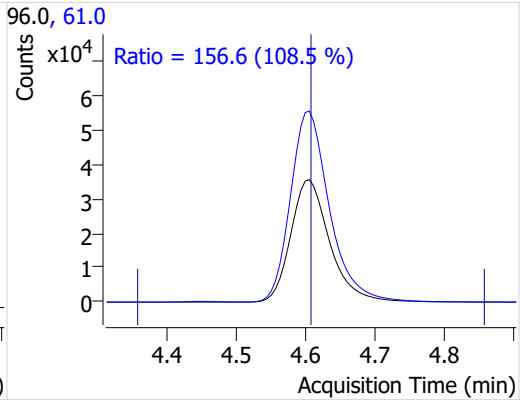


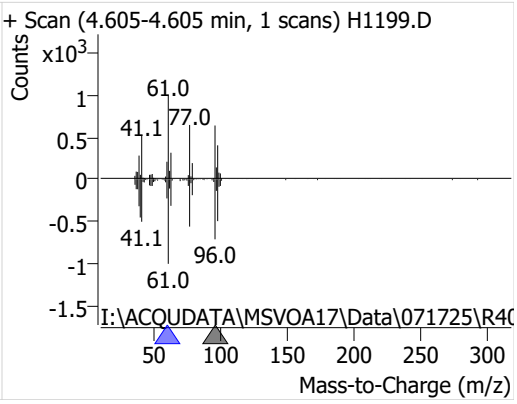


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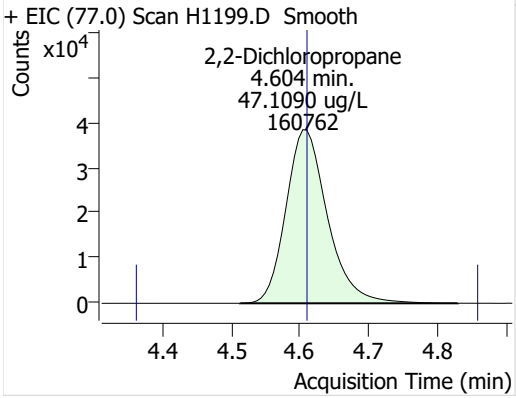
cis-1,2-Dichloroethene

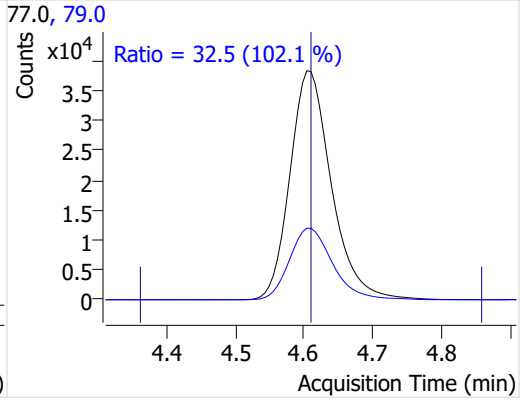


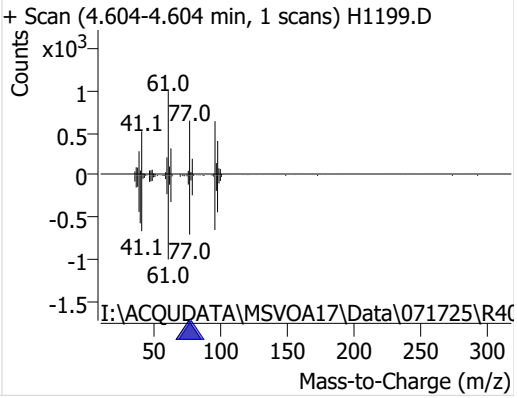




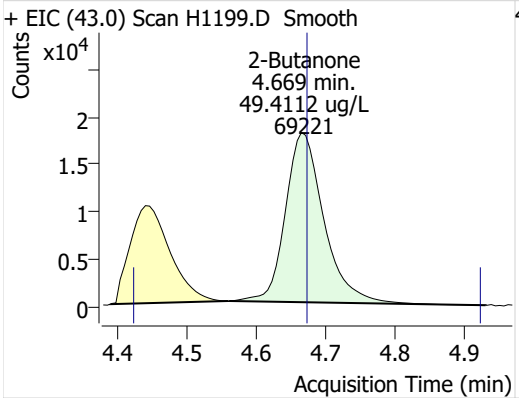
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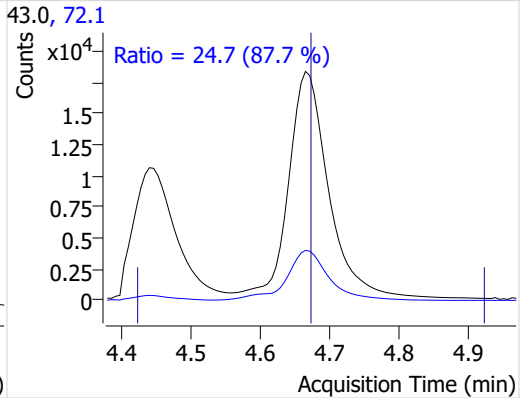


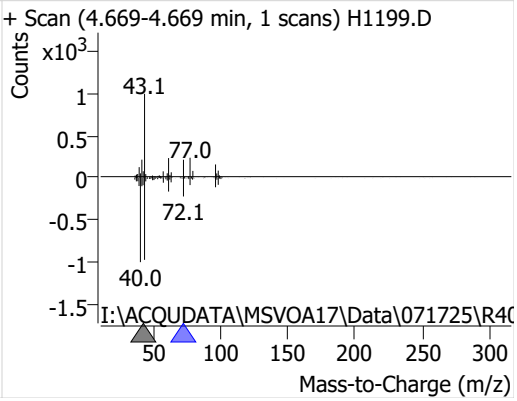




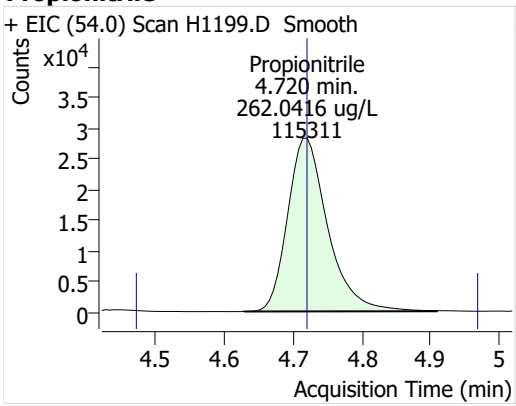
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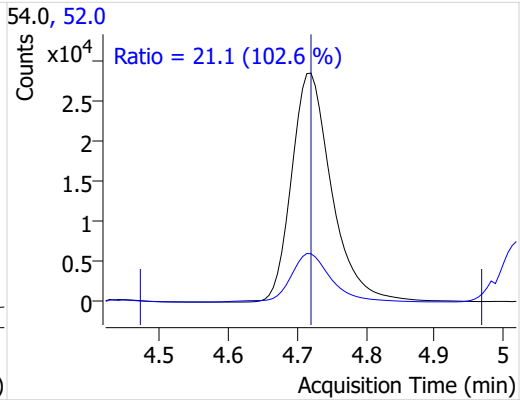


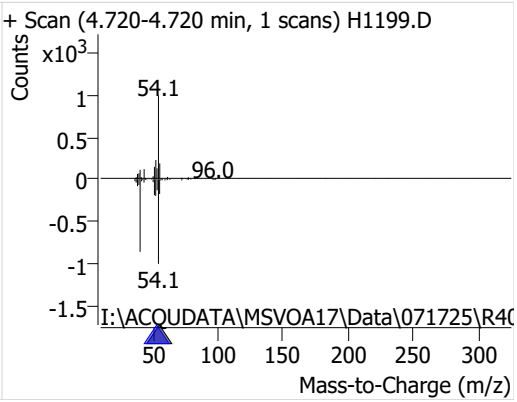




Propionitrile

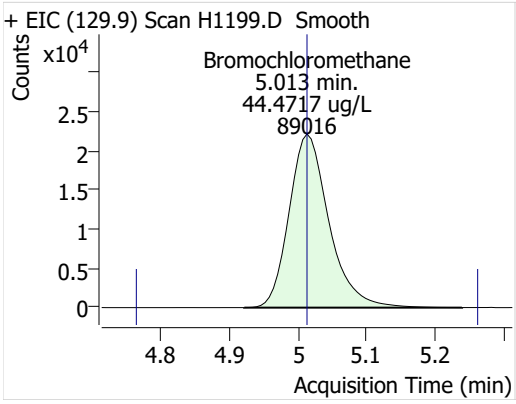


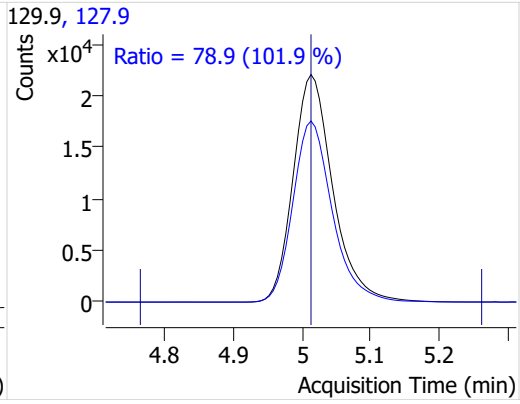


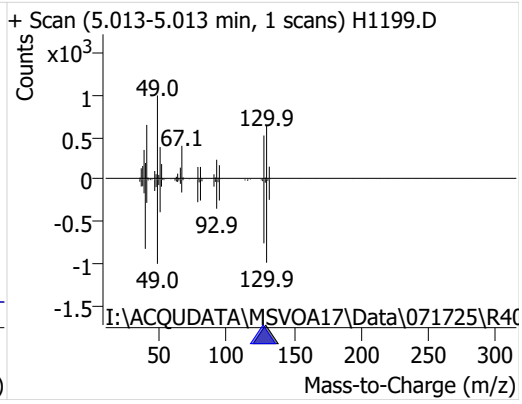


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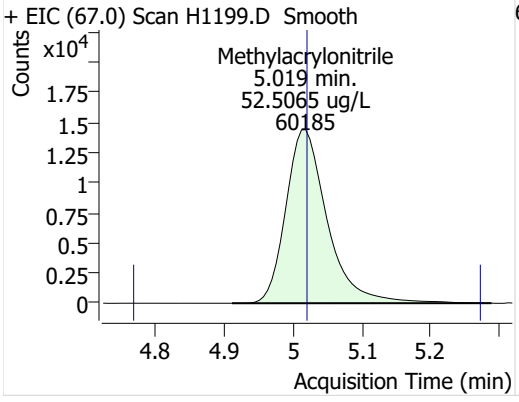
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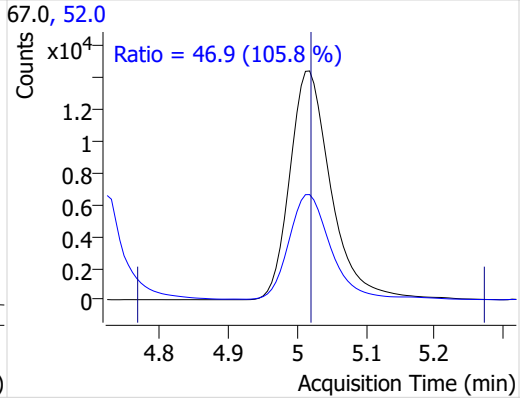


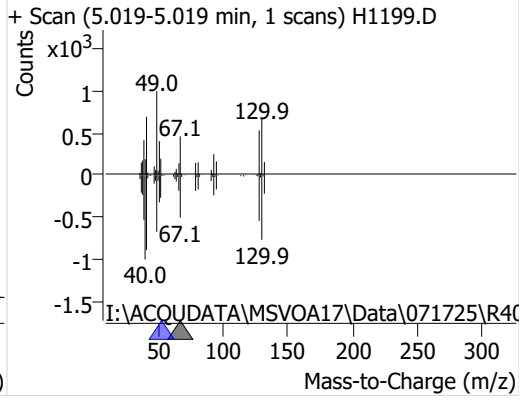




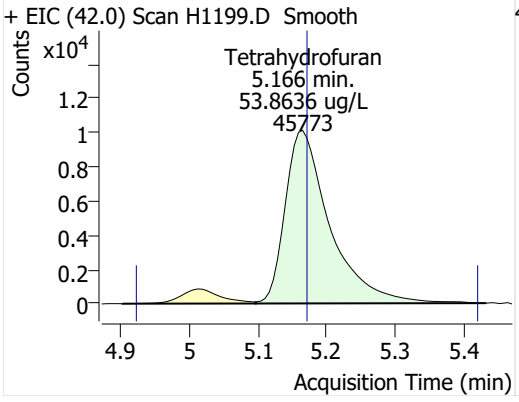
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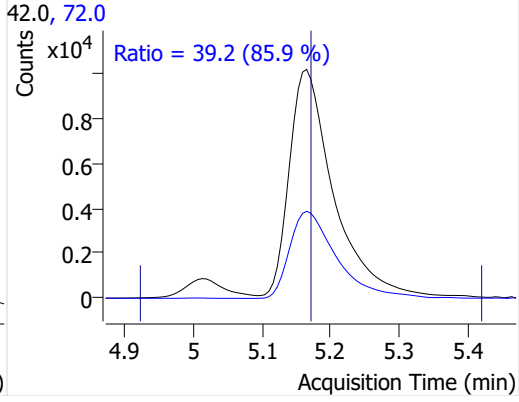


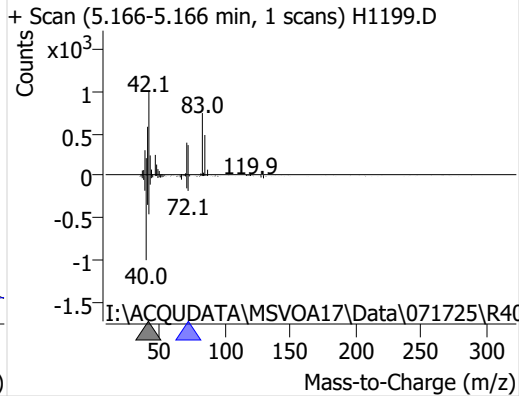




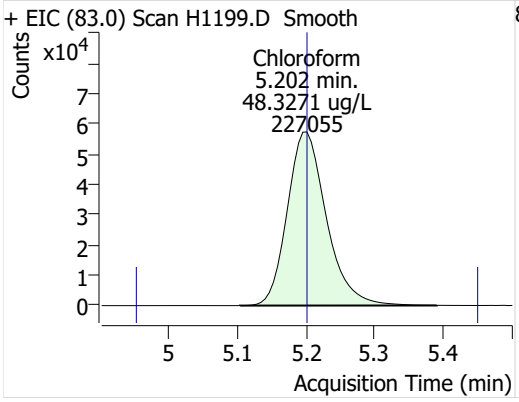
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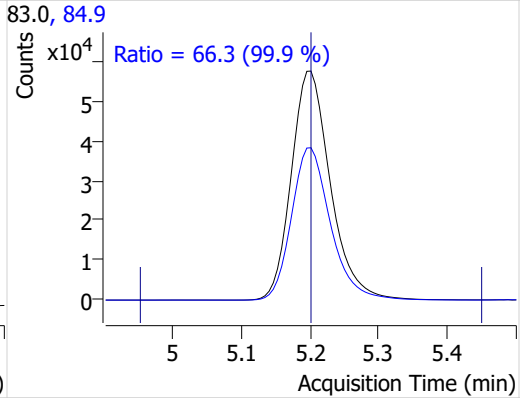


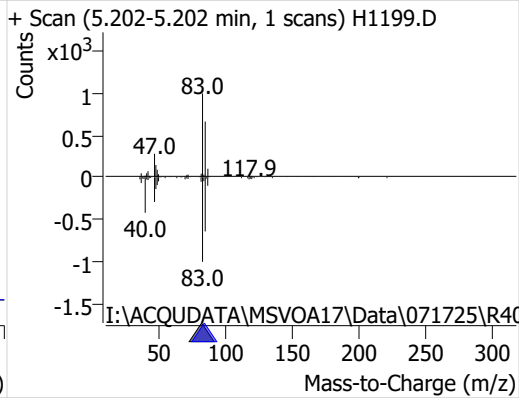




Chloroform

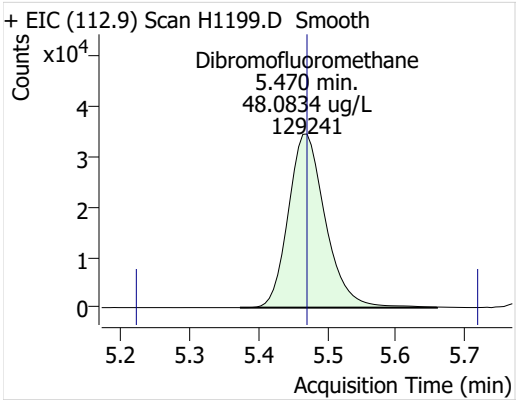


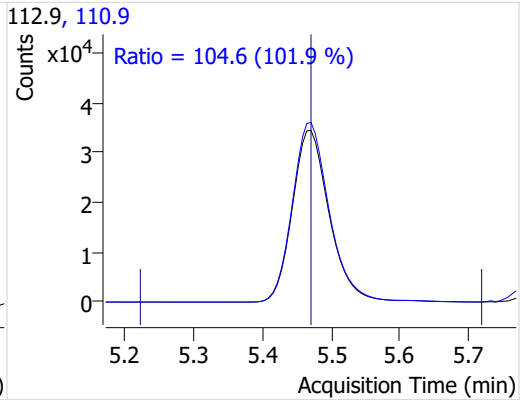


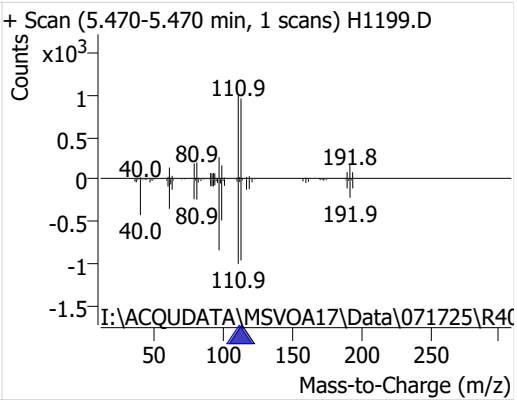


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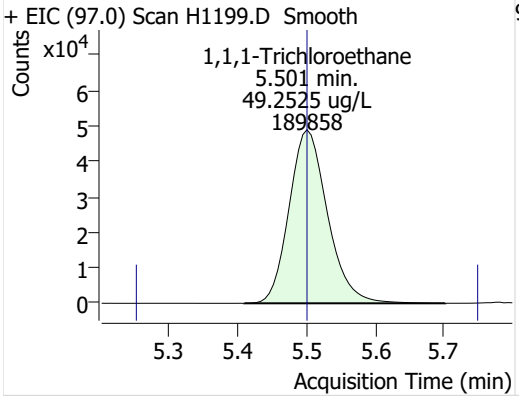
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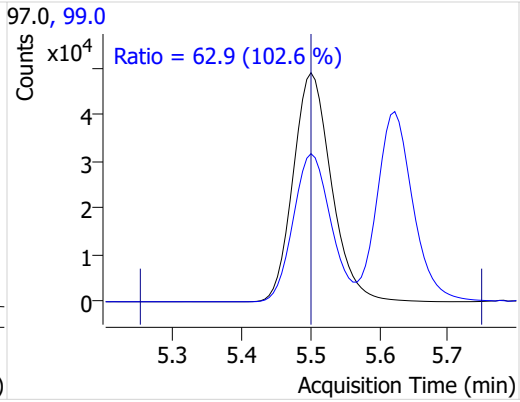


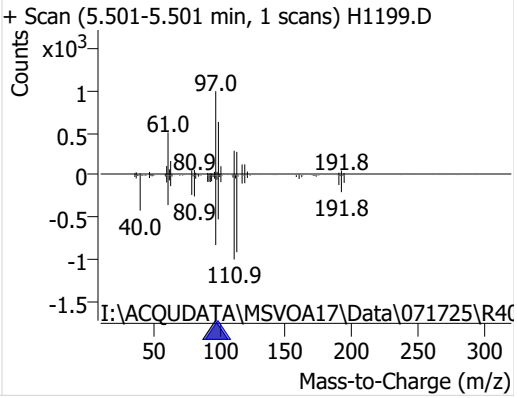




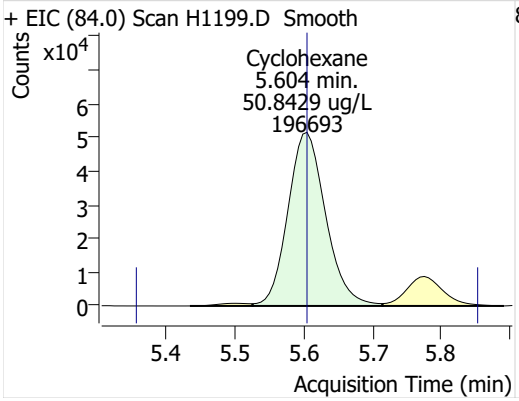
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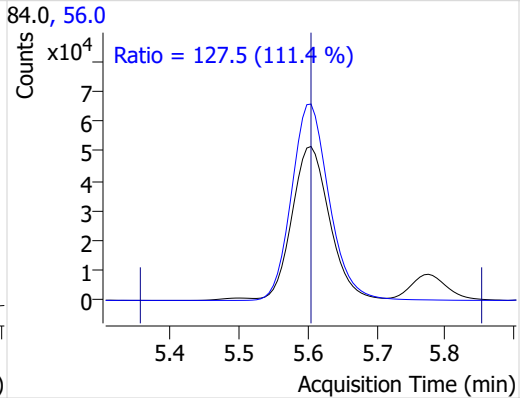


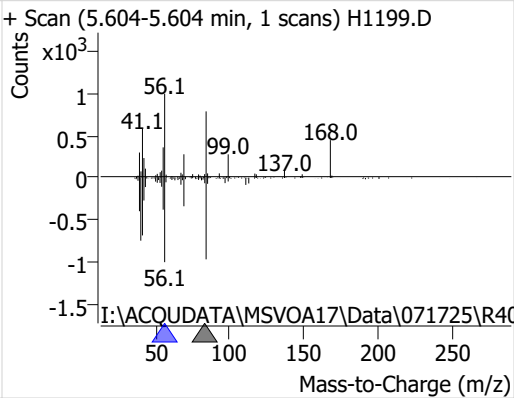




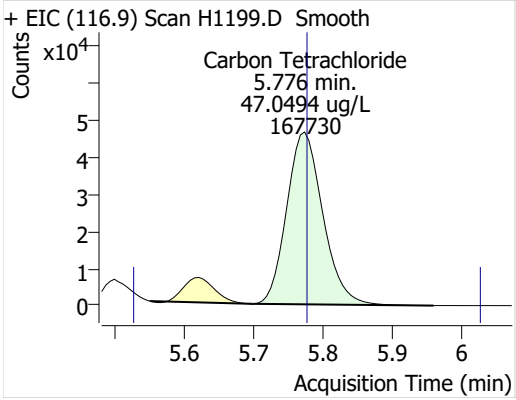
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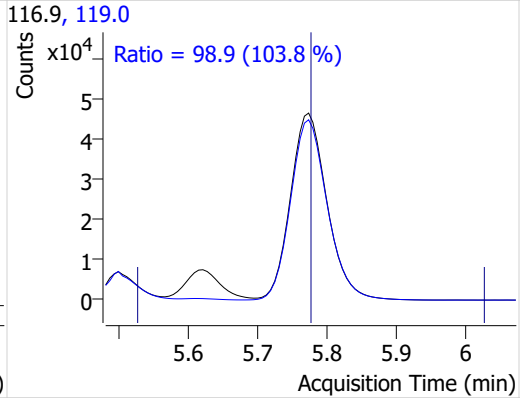


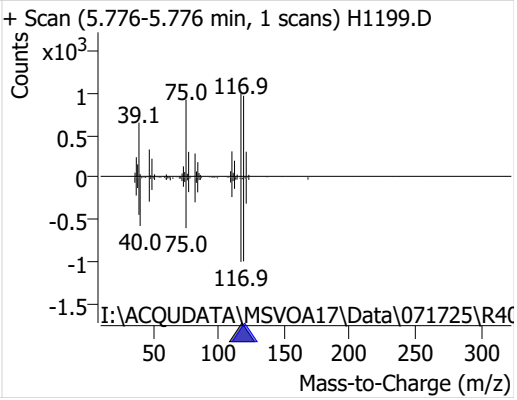




Carbon Tetrachloride

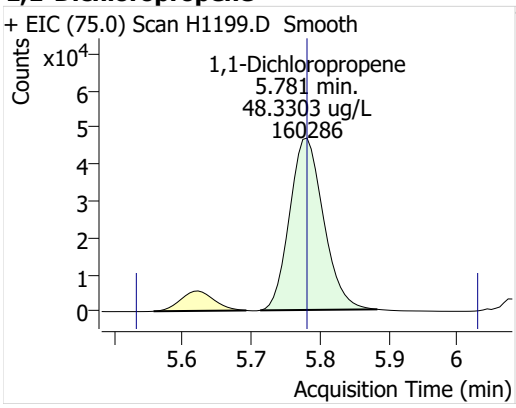


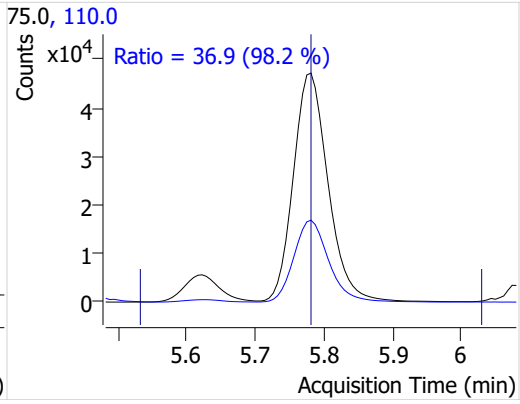


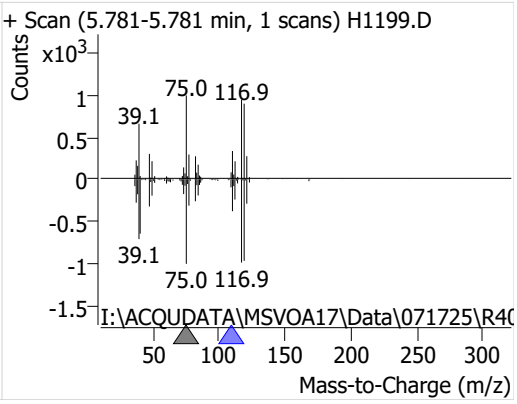


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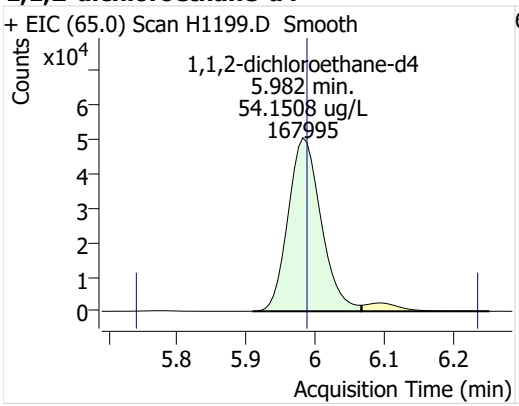
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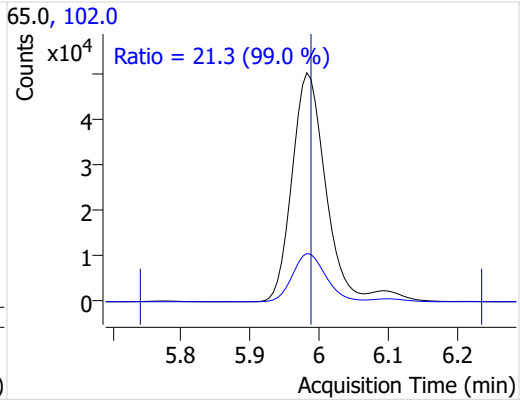


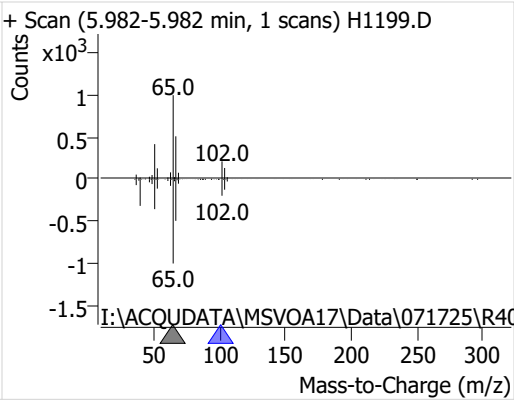




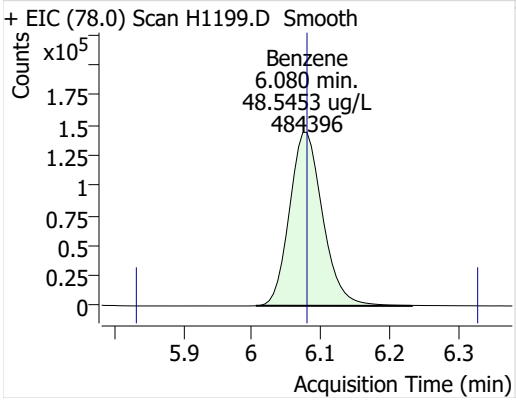
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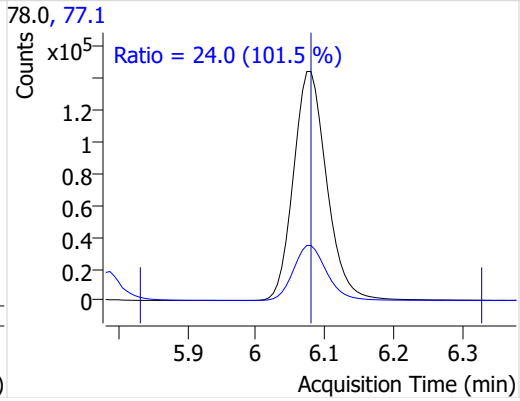


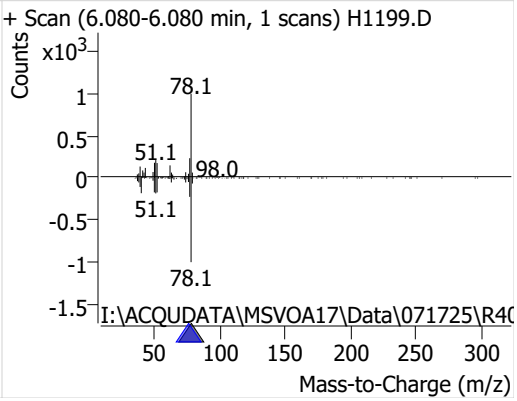




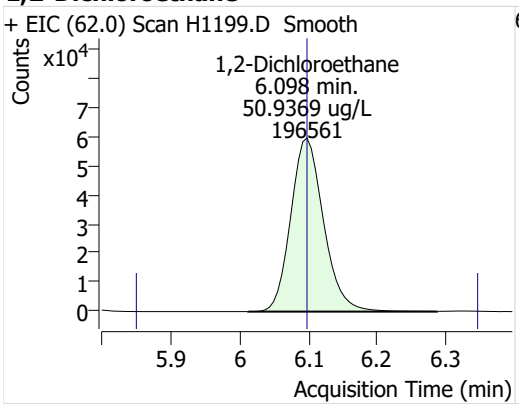
Benzene

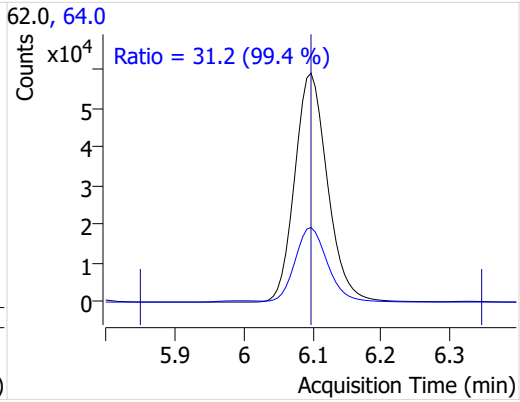


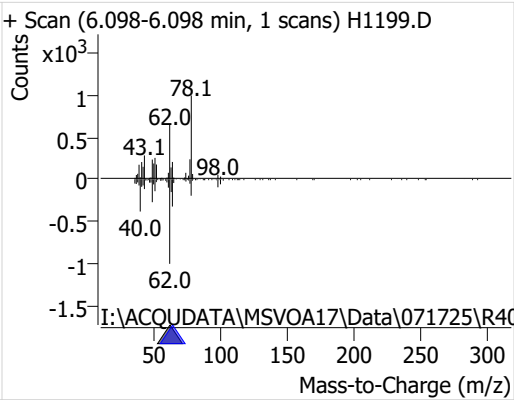




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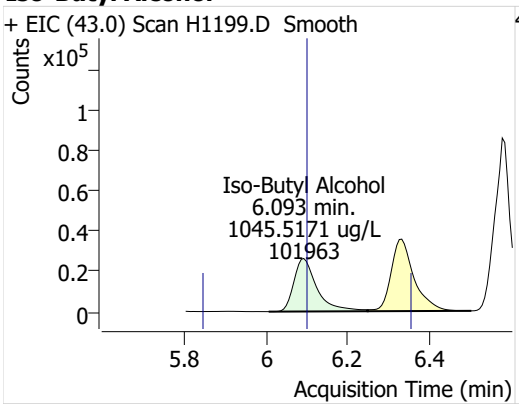


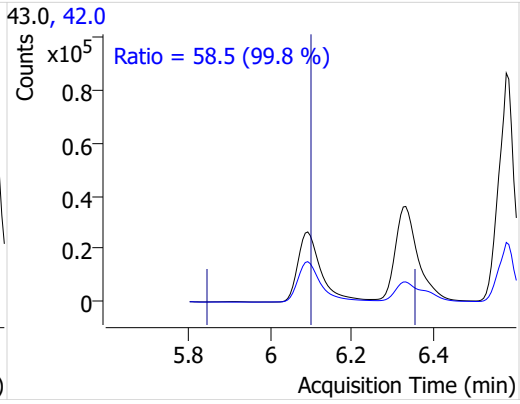


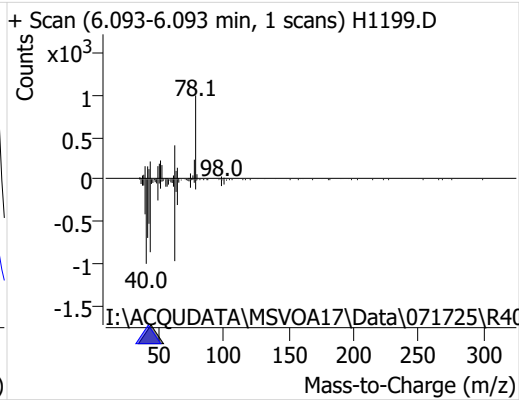


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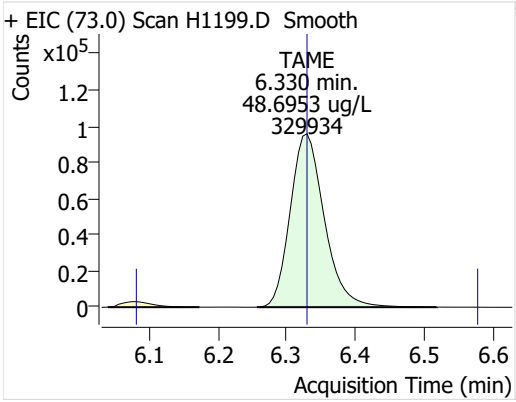
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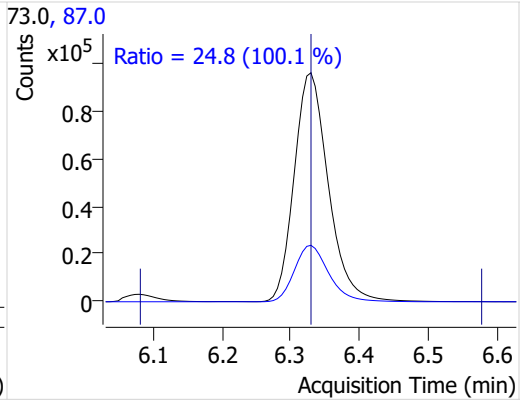


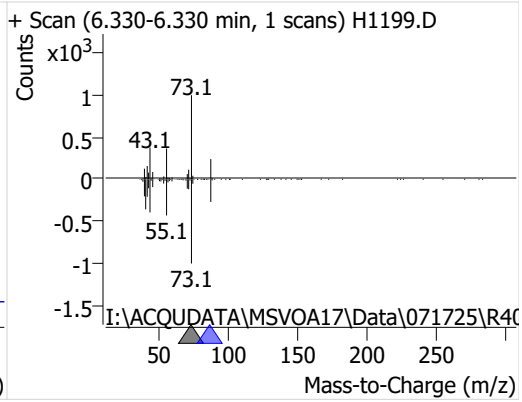




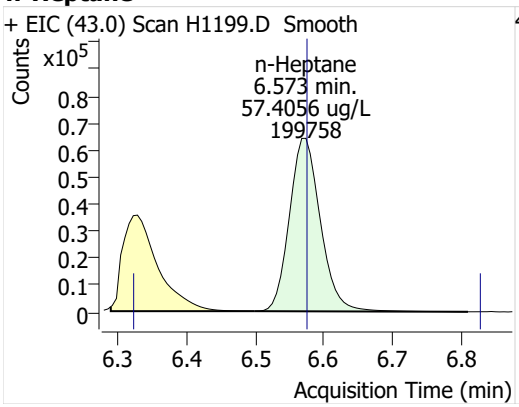
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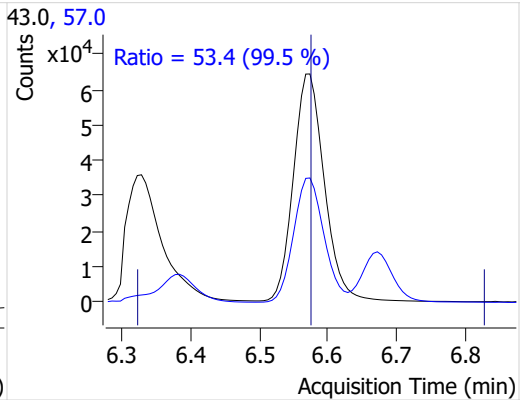


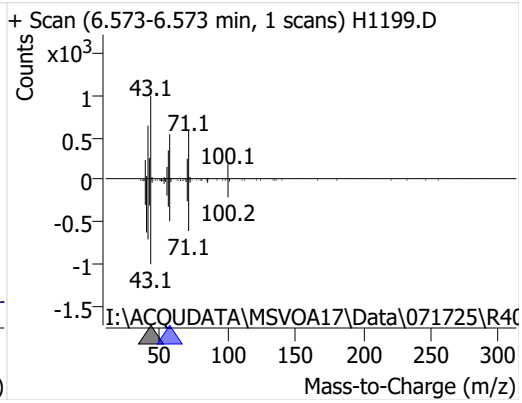




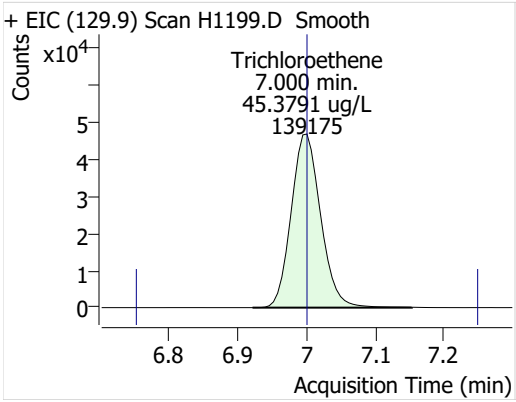
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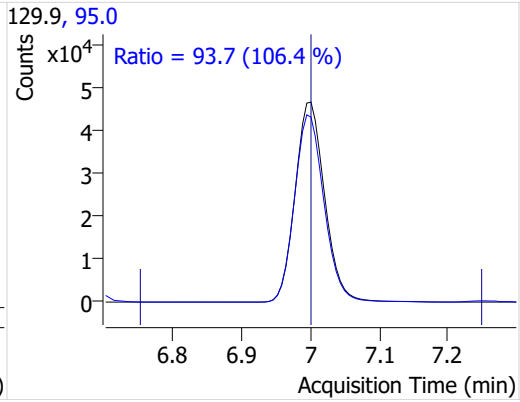


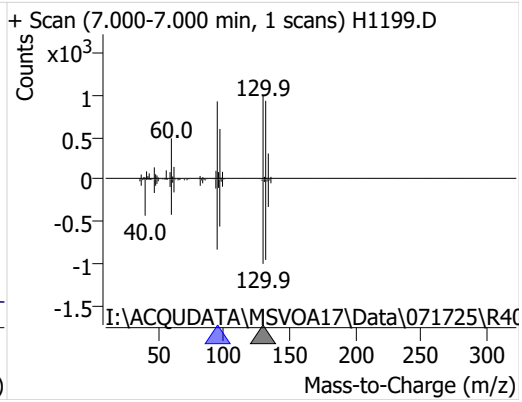




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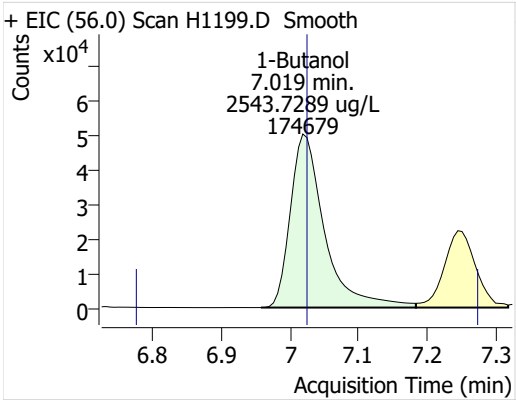


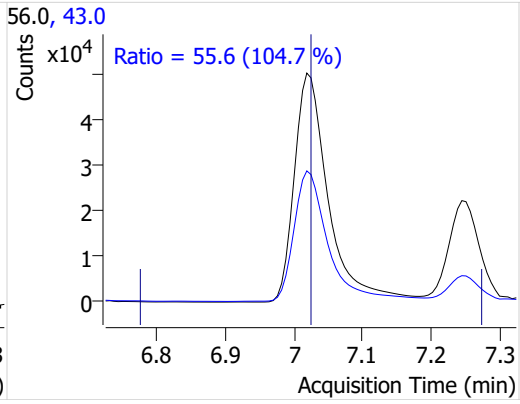


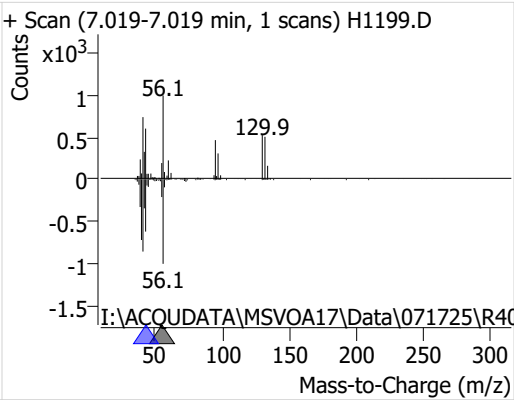


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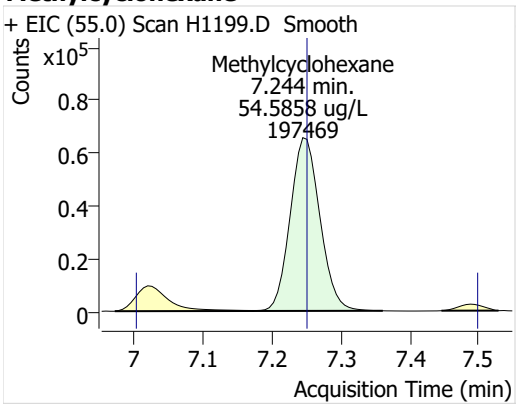
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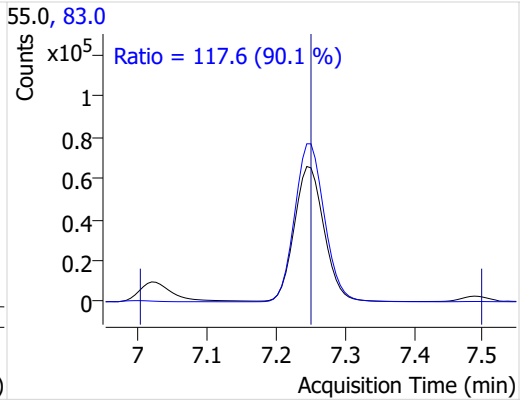


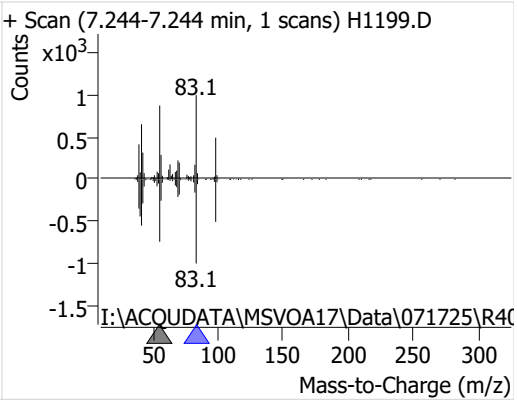




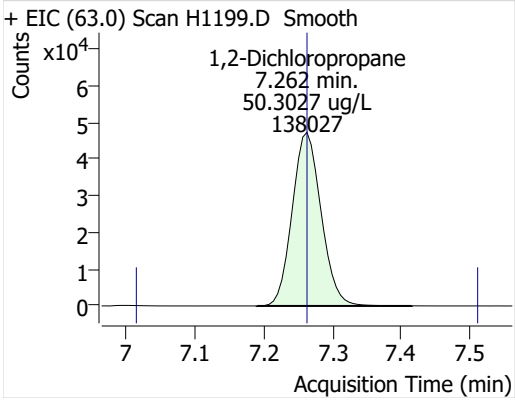
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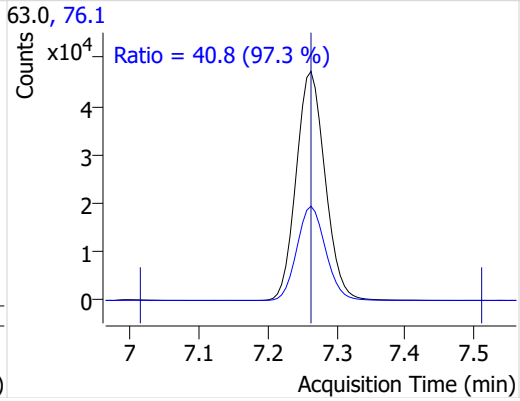


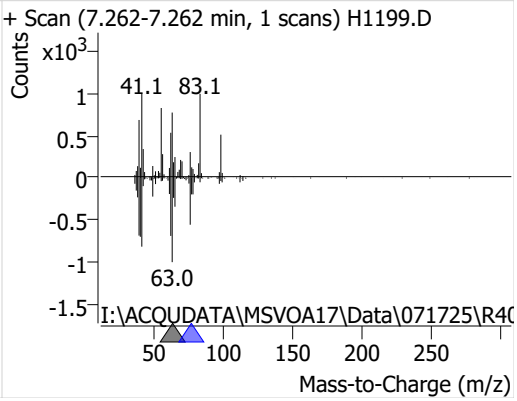




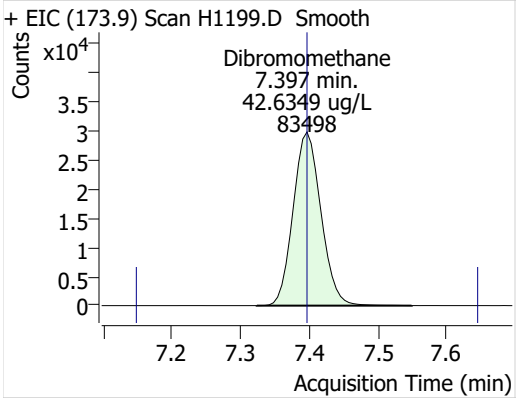
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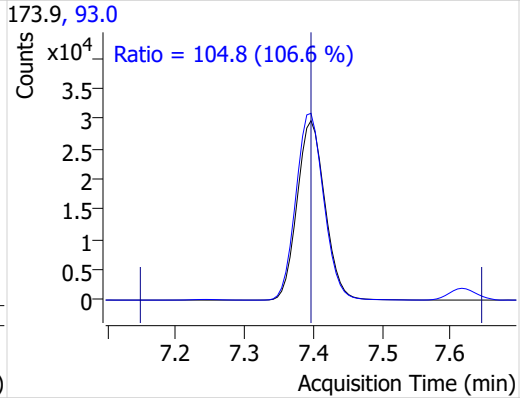


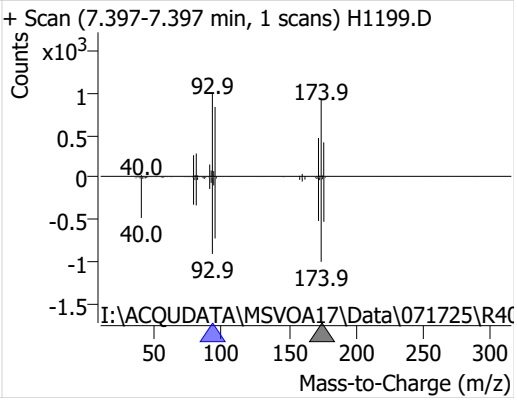




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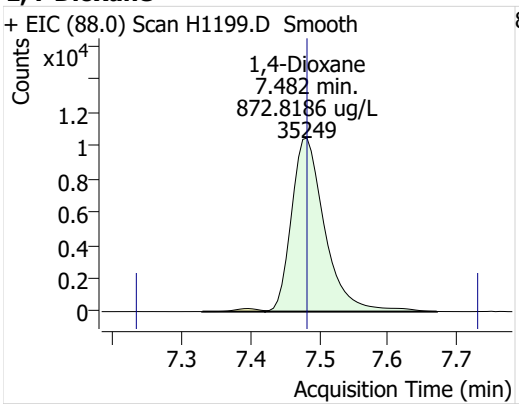


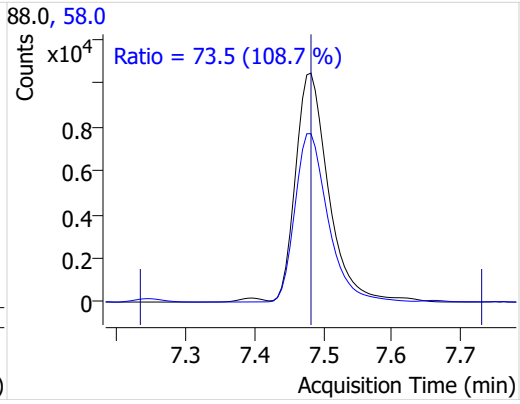


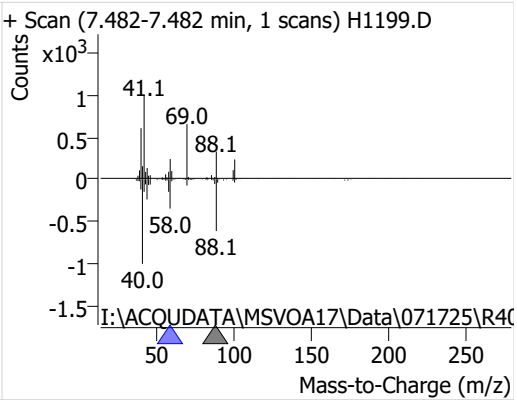


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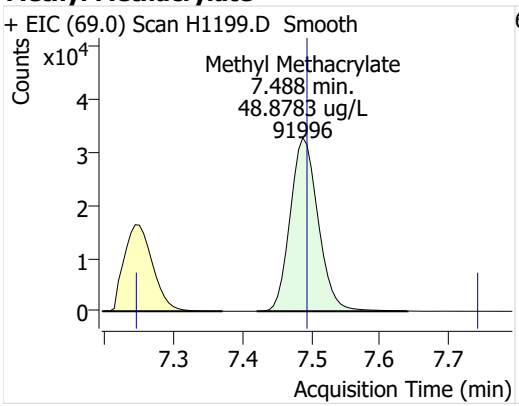
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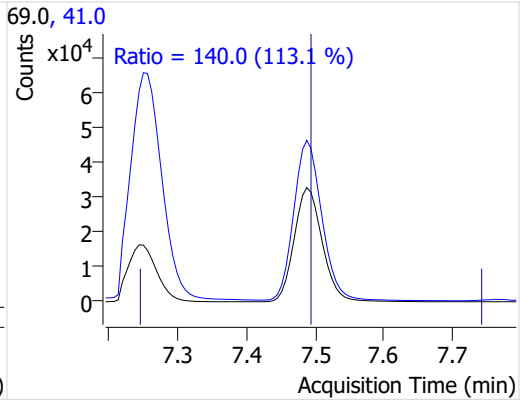


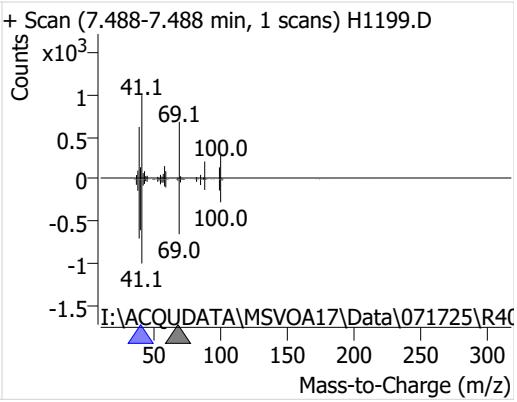




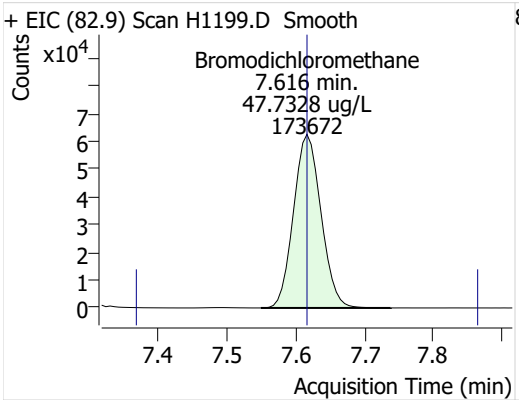
Methyl Methacrylate

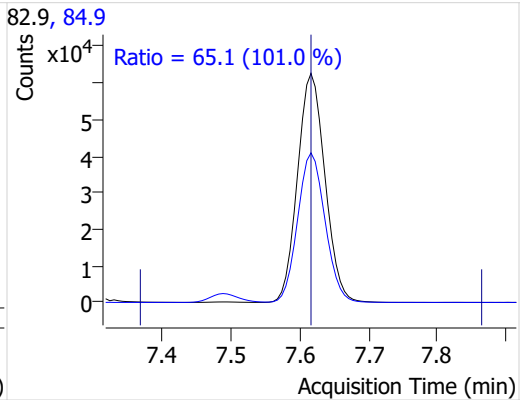


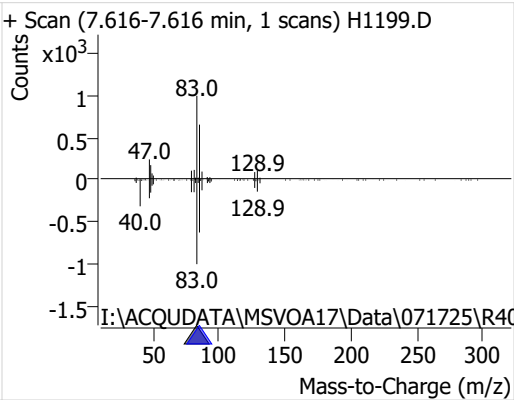




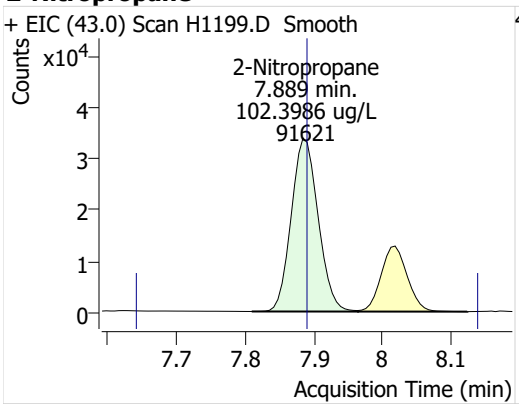
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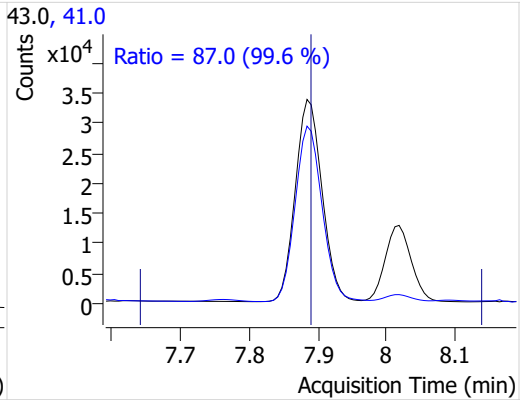


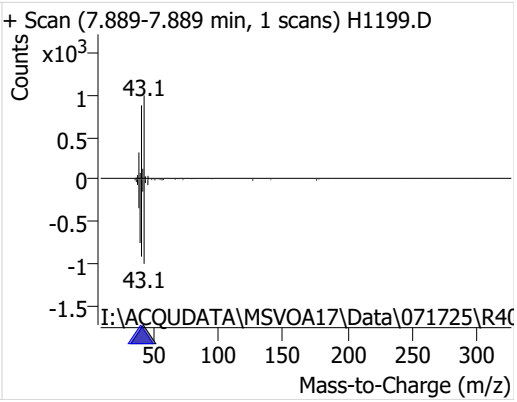




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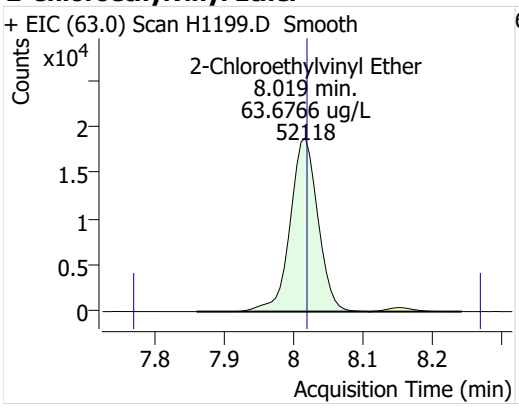


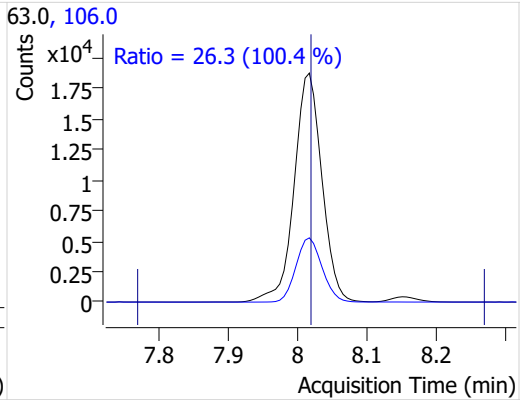


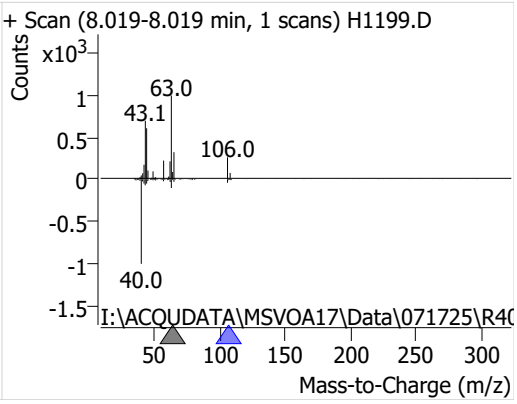


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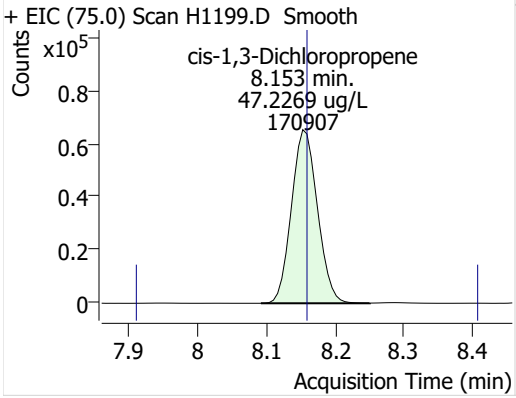
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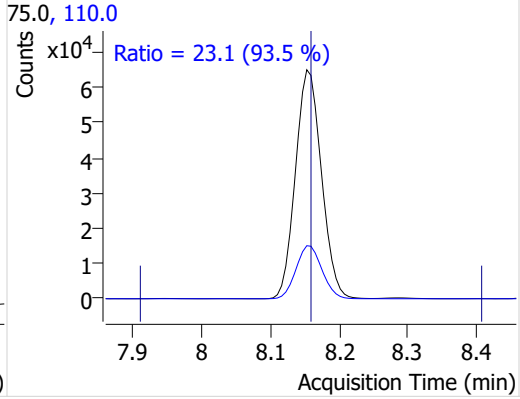


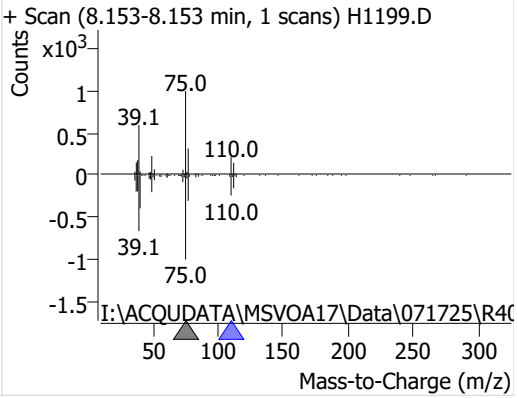




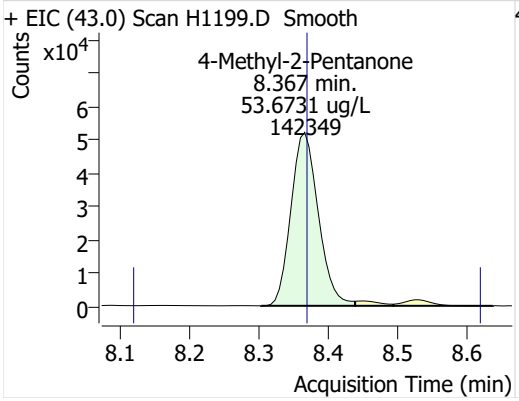
cis-1,3-Dichloropropene

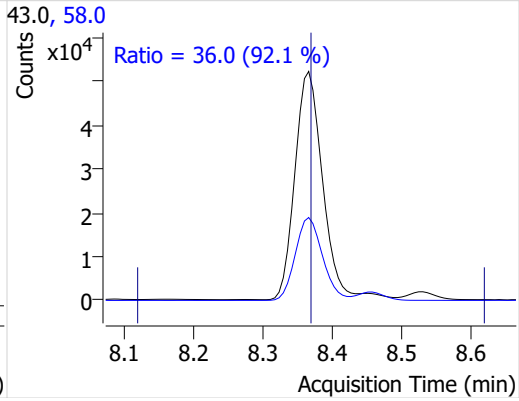


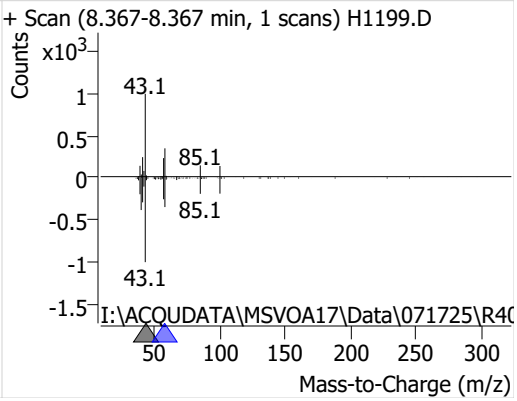




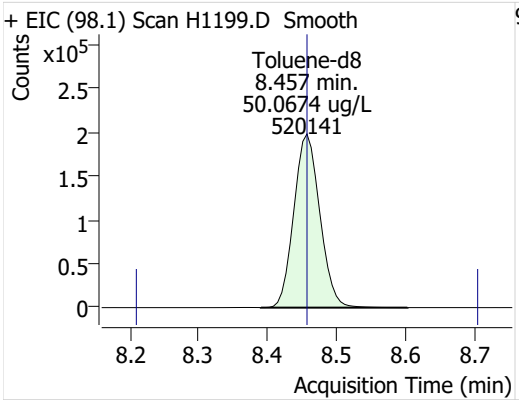
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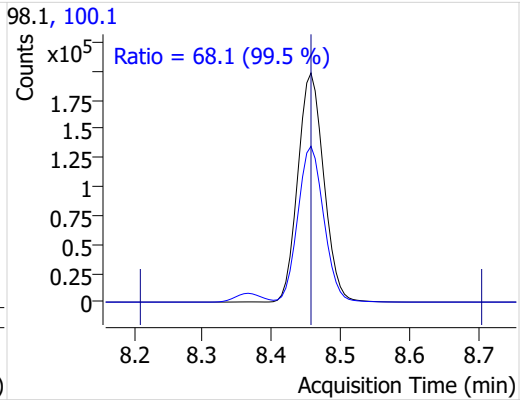


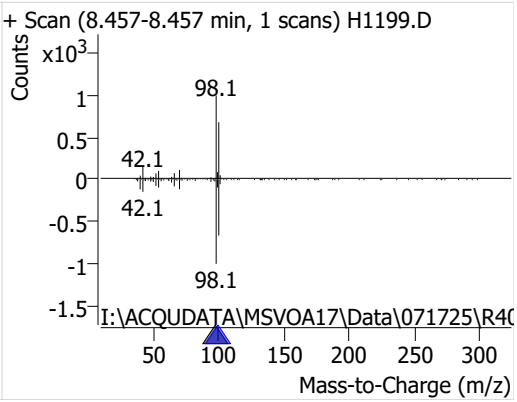




Toluene-d8

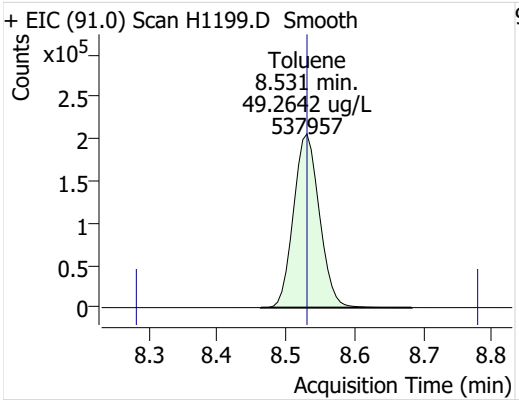


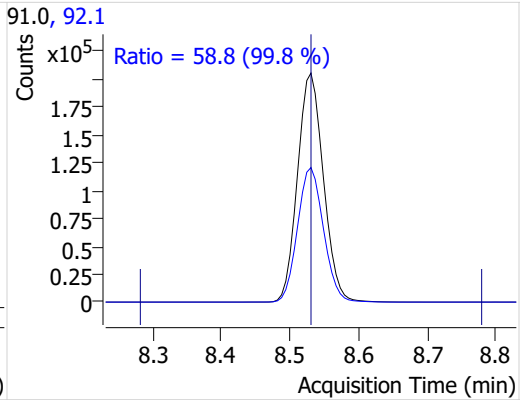


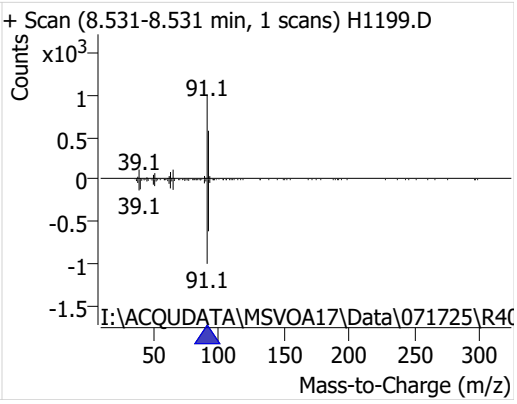


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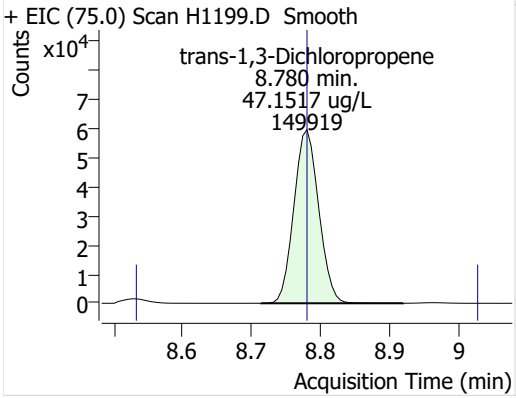
Toluene

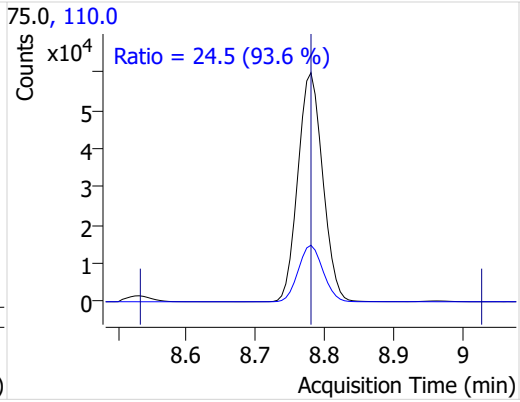


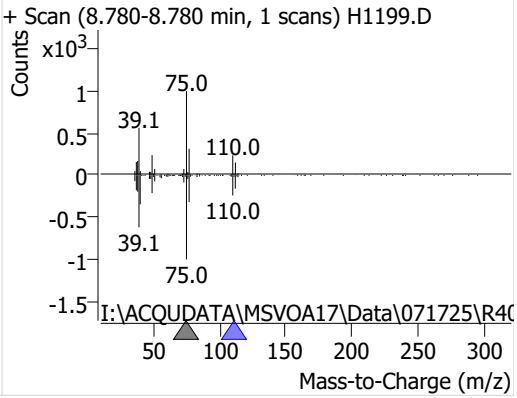




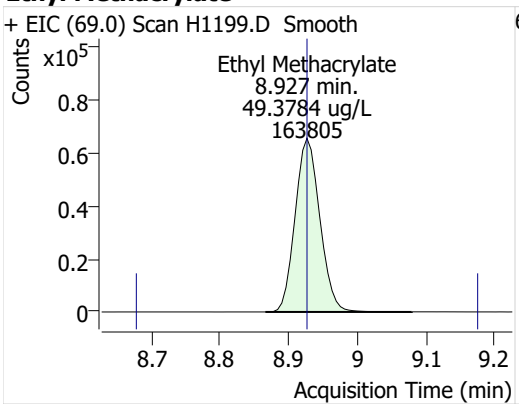
trans-1,3-Dichloropropene

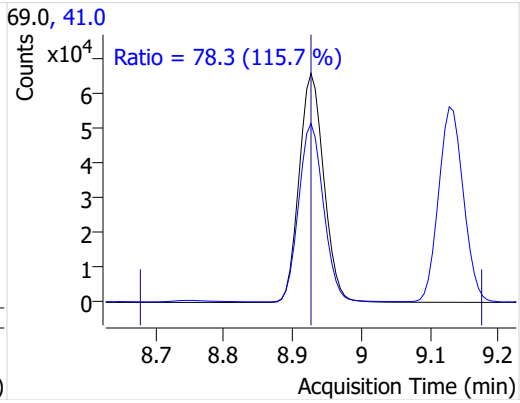


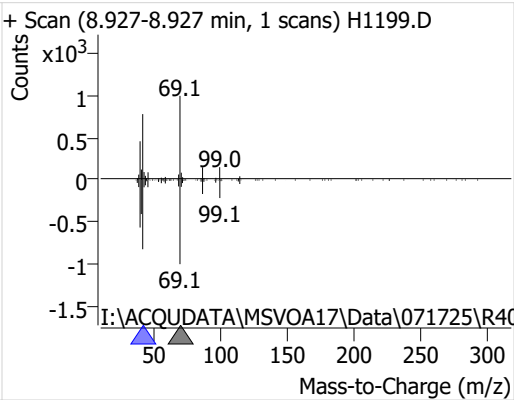




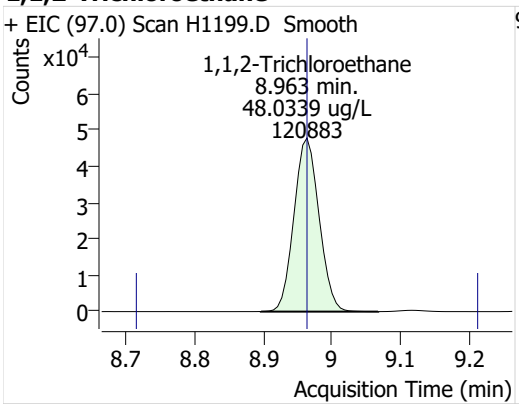
Ethyl Methacrylate

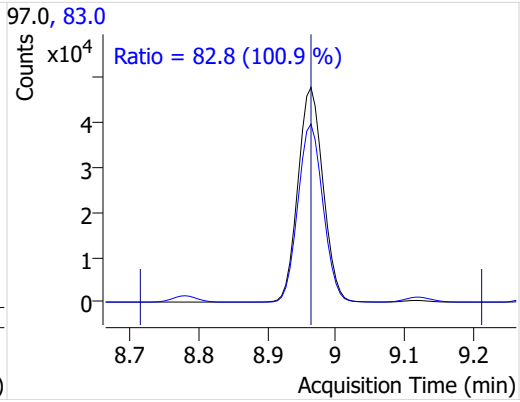


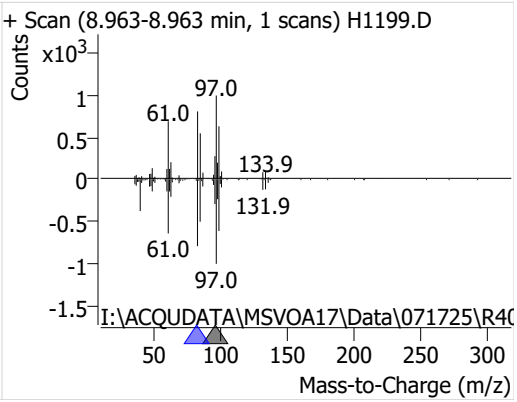




1,1,2-Trichloroethane

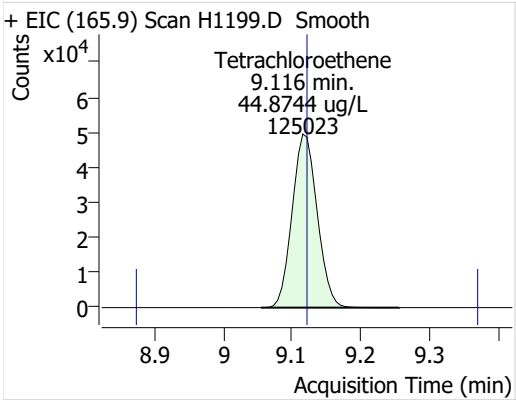


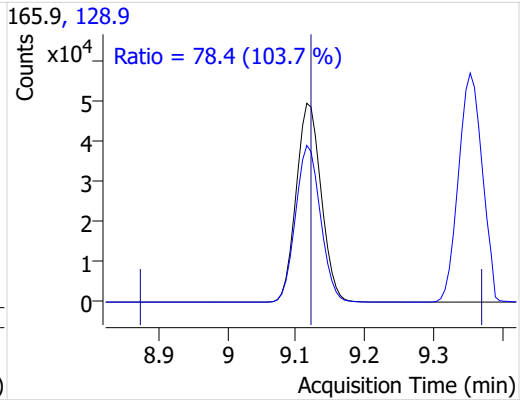


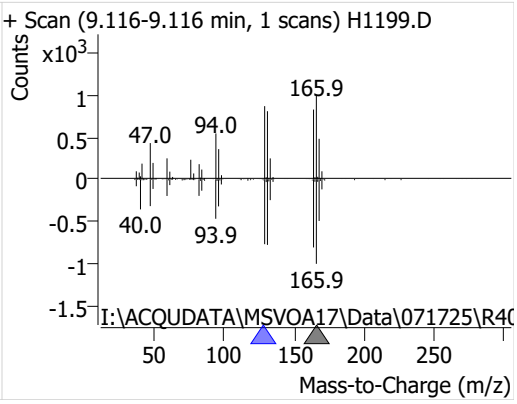


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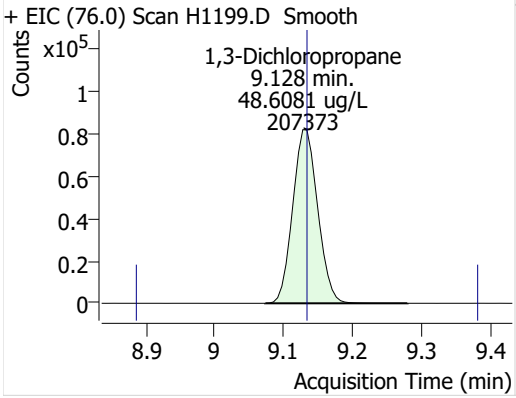
Tetrachloroethene

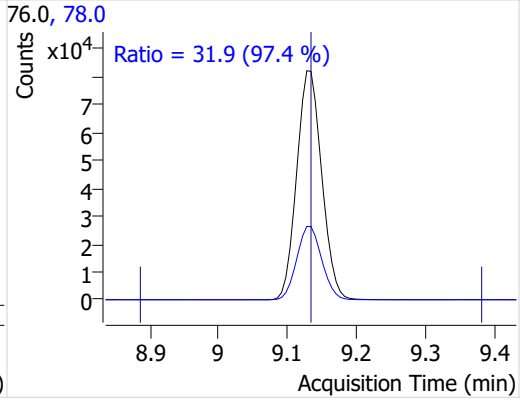


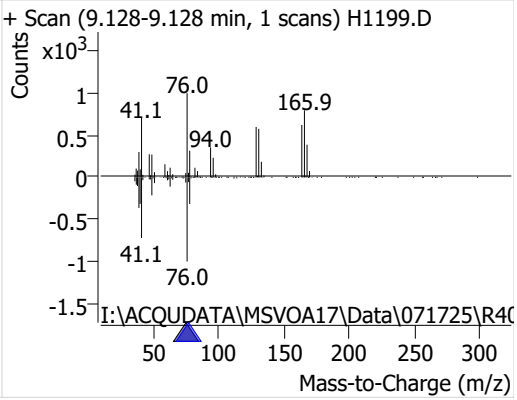




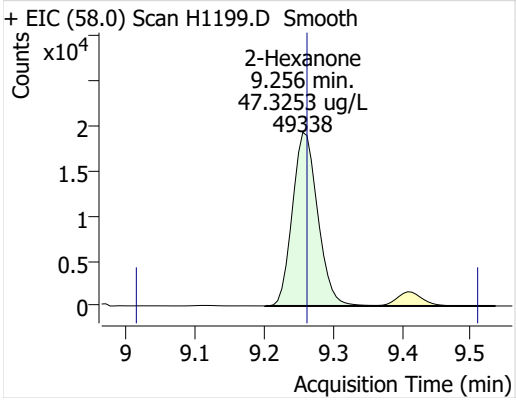
1,3-Dichloropropane

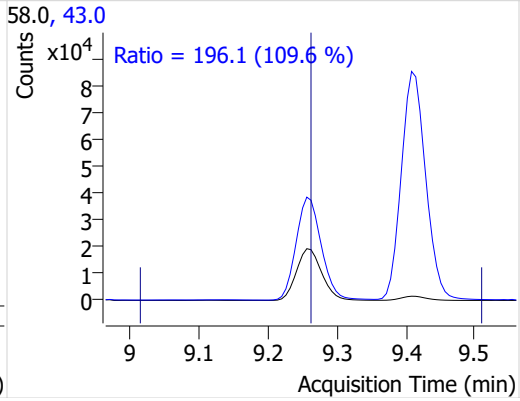


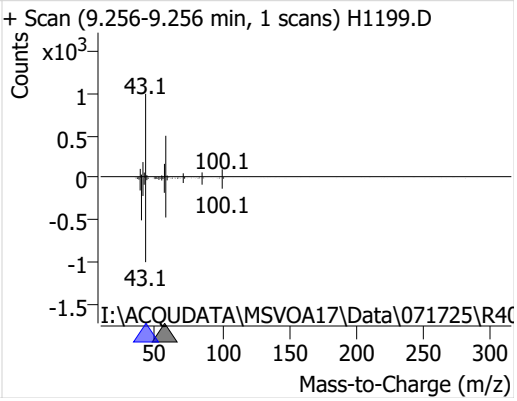




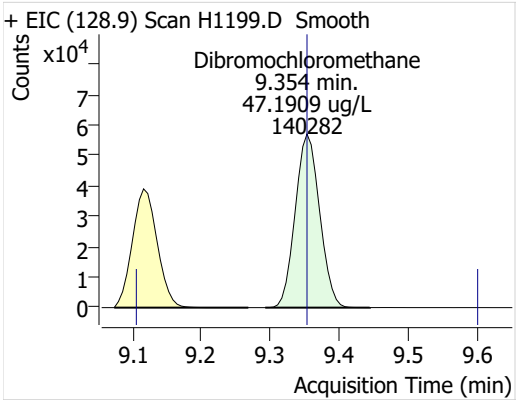
2-Hexanone

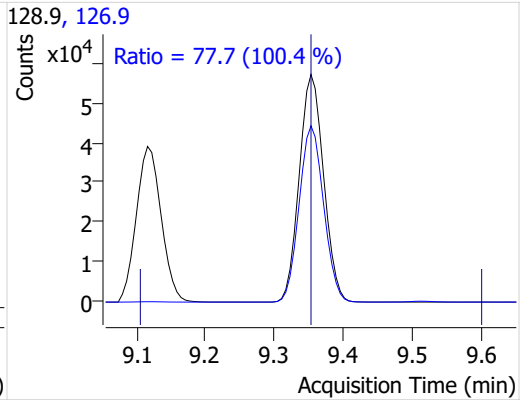


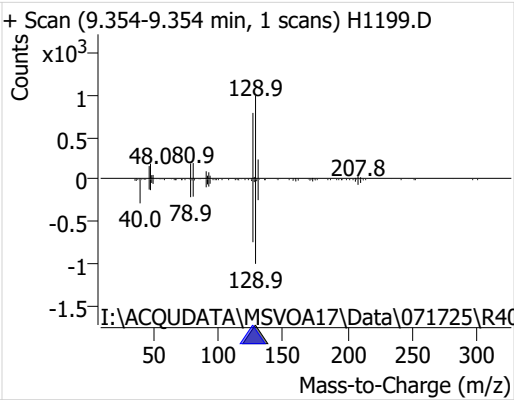




Dibromochloromethane

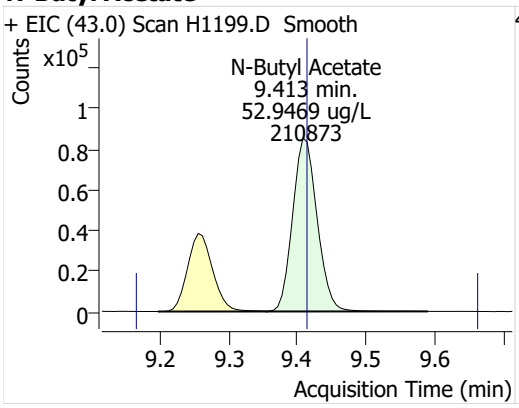


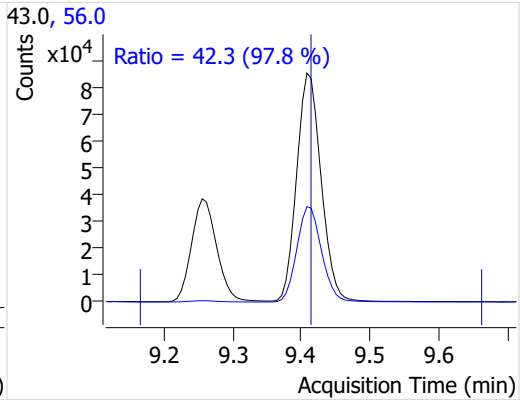


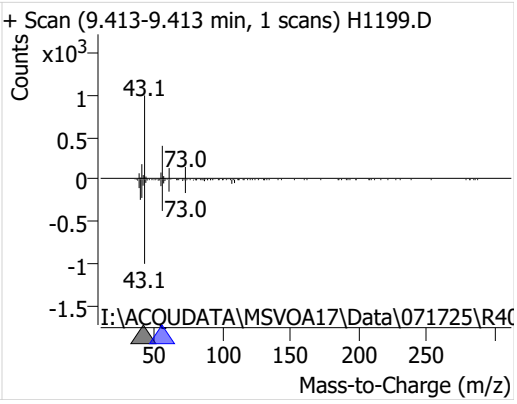


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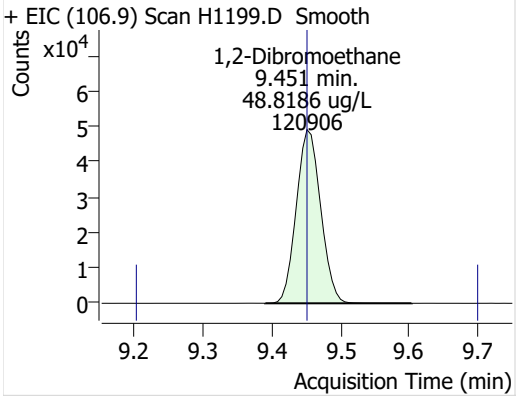
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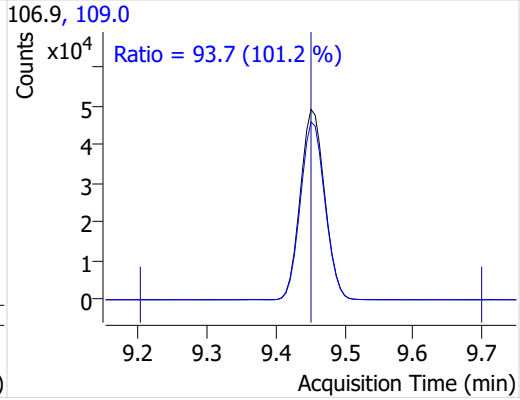


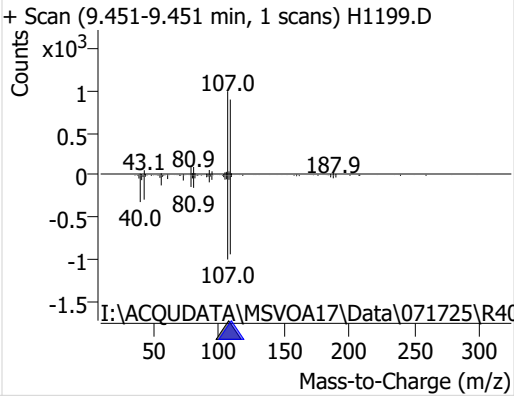




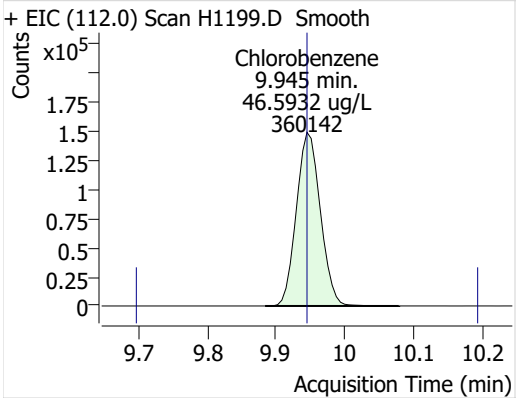
1,2-Dibromoethane

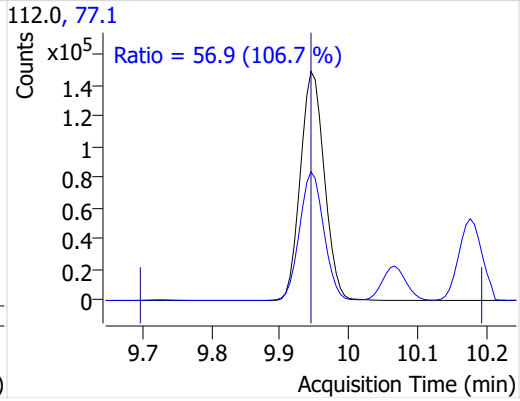


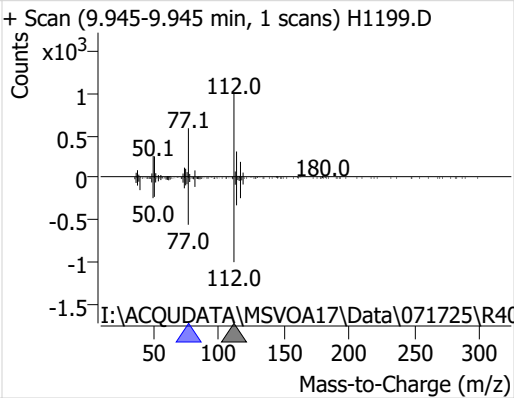




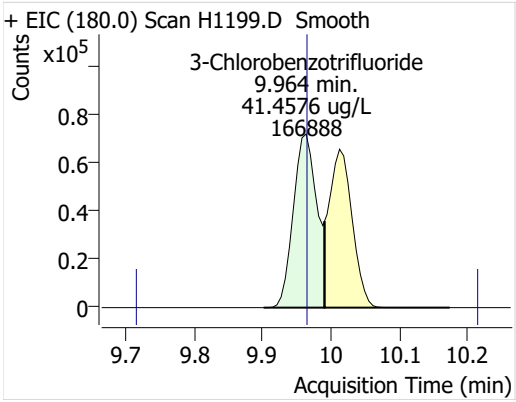
Chlorobenzene

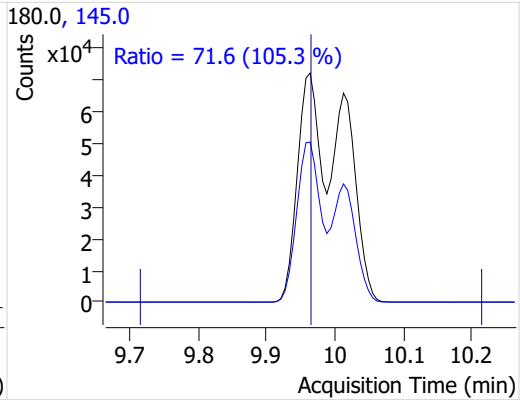


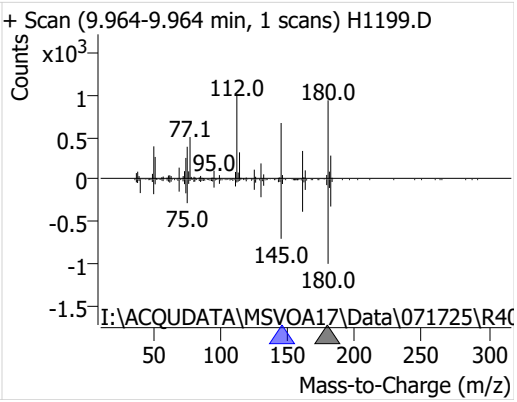




3-Chlorobenzotrifluoride

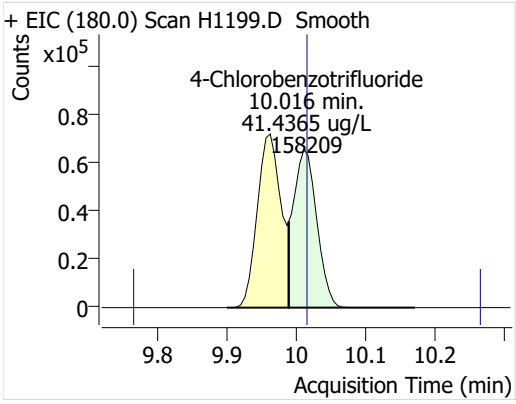


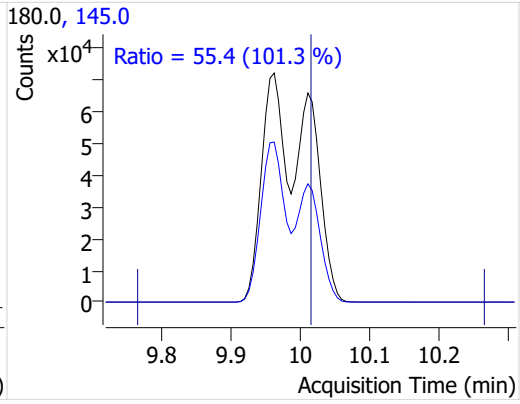


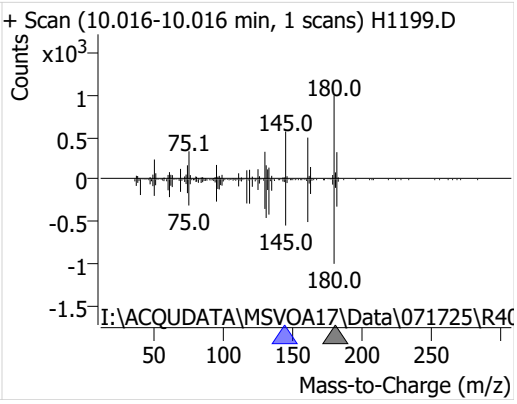


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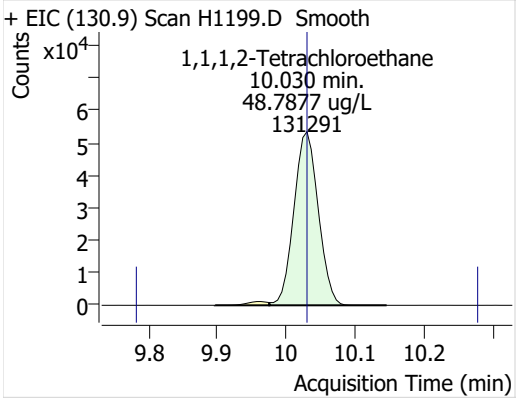
4-Chlorobenzotrifluoride

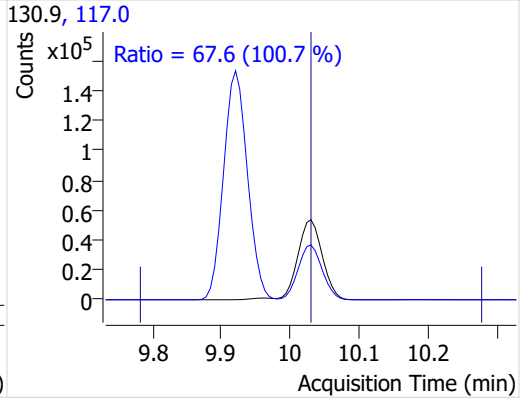


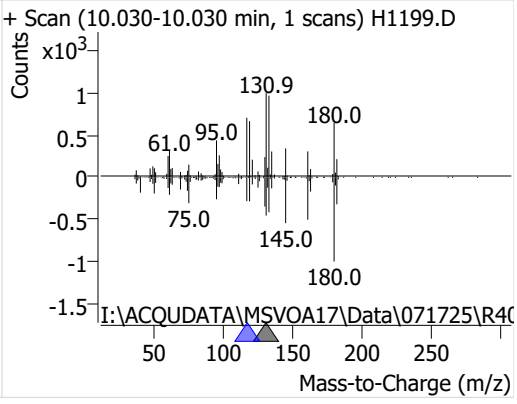




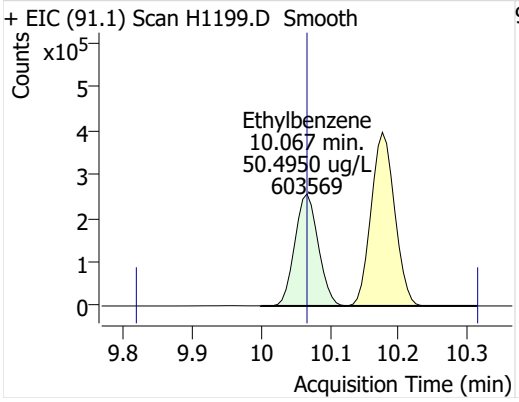
1,1,1,2-Tetrachloroethane

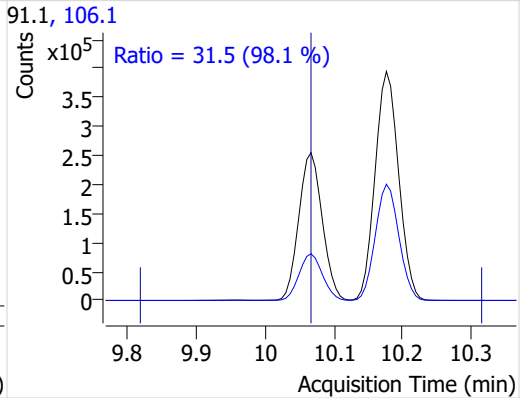


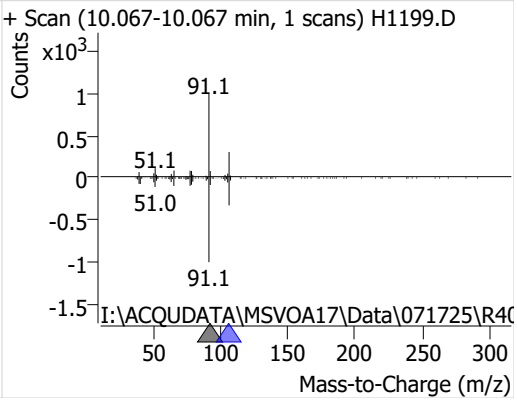




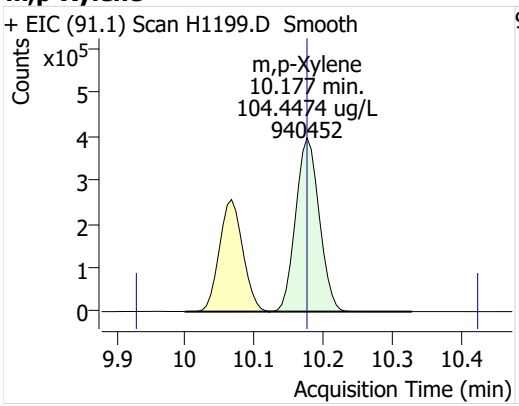
Ethylbenzene

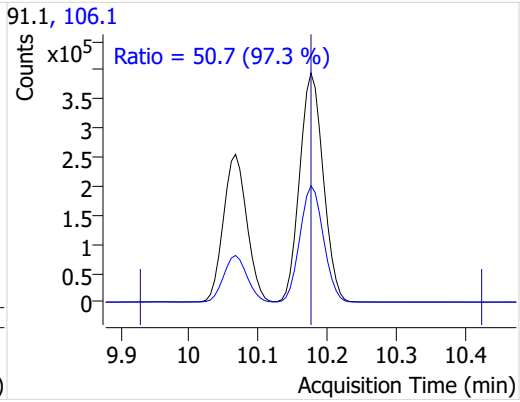


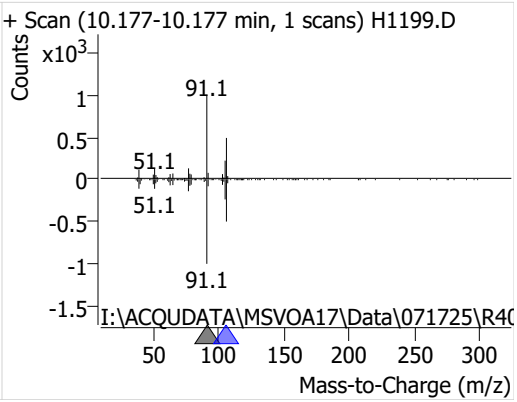




m,p-Xylene

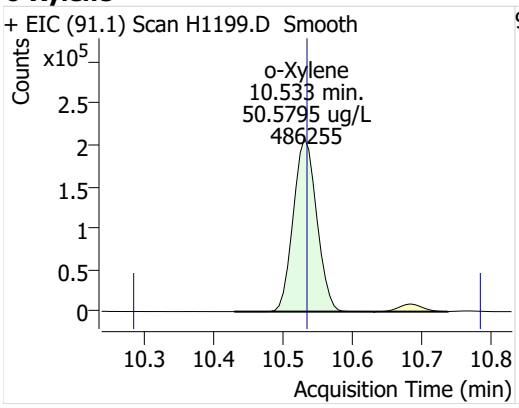


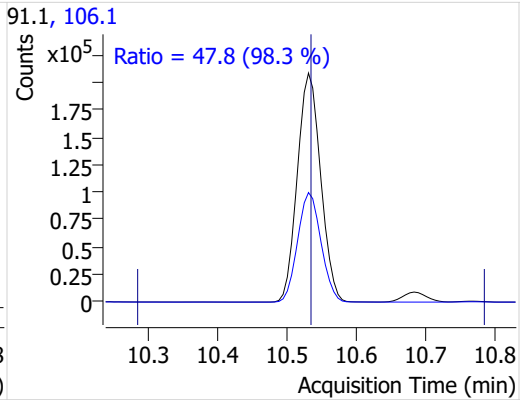


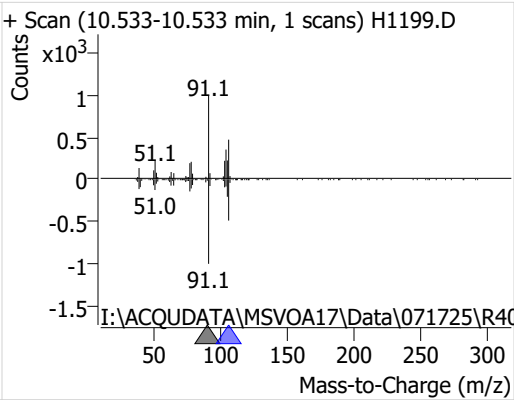


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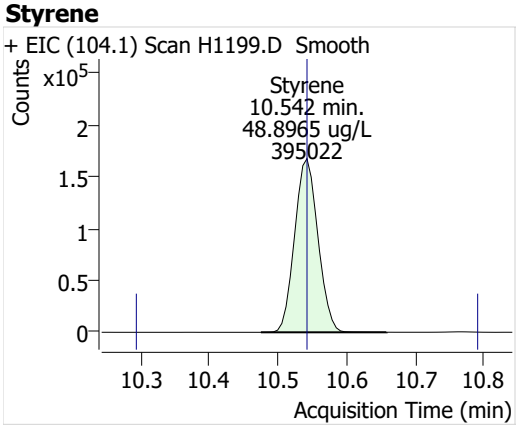
o-Xylene

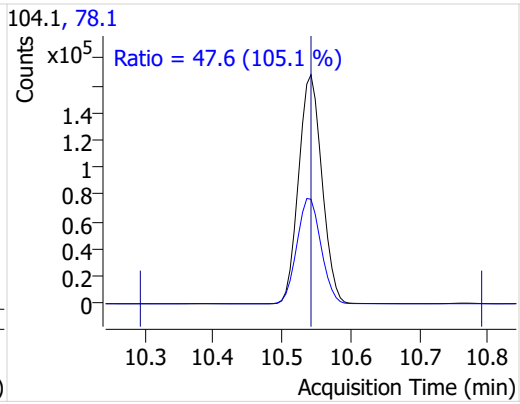


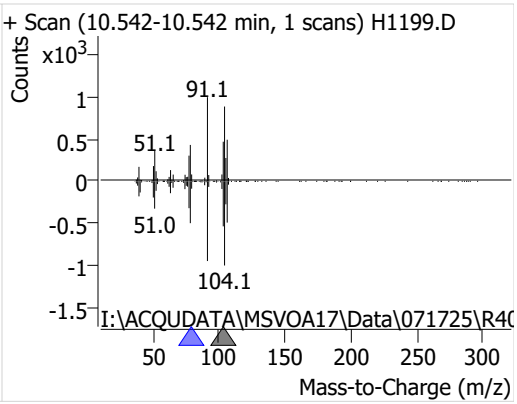




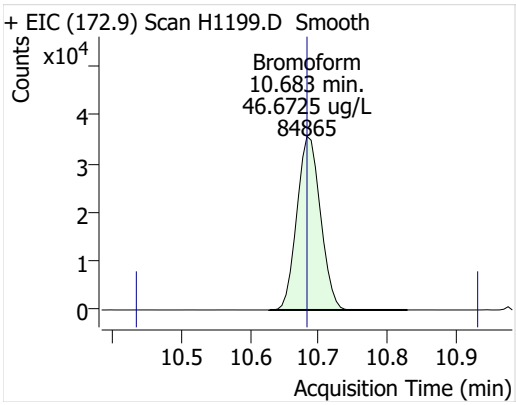
Styrene

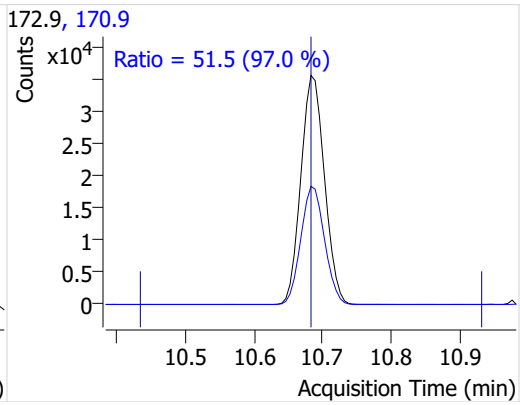


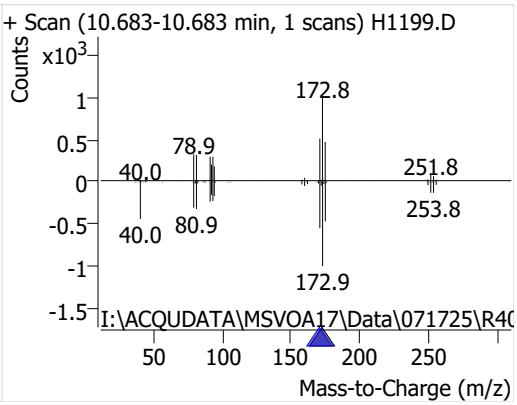




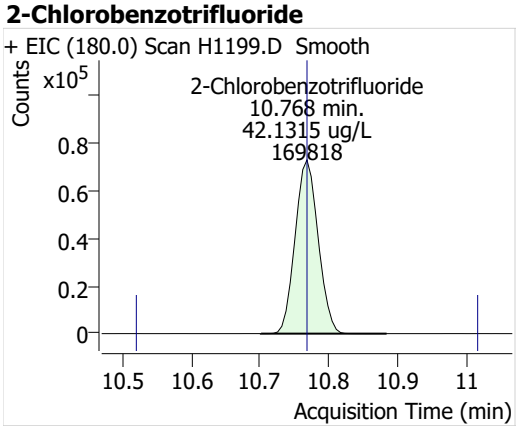
Bromoform

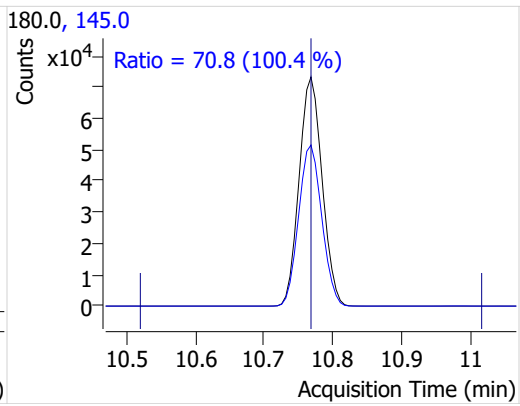


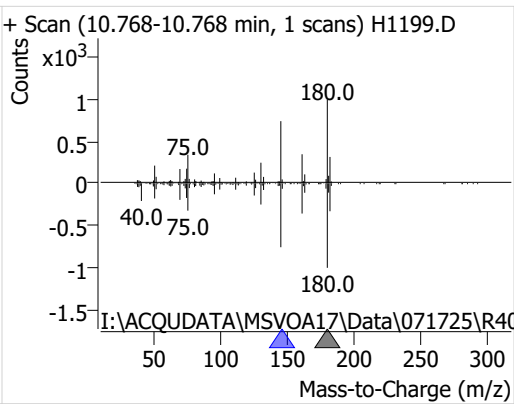




2-Chlorobenzotrifluoride

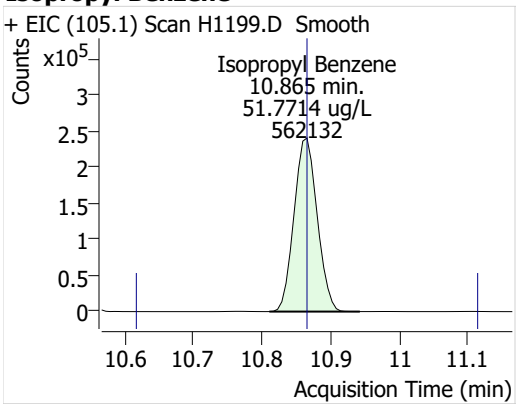


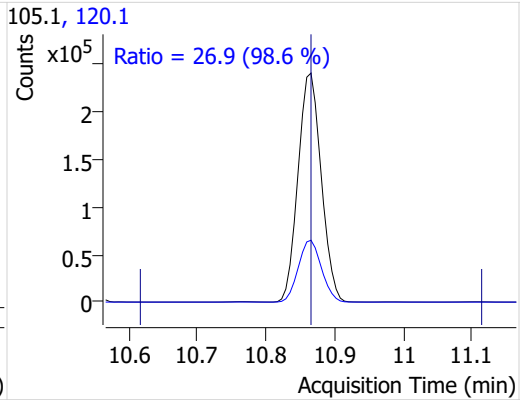


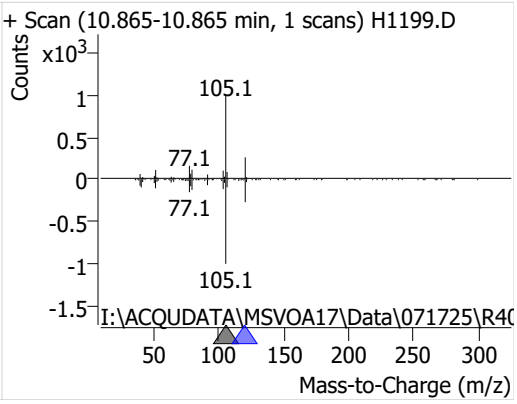


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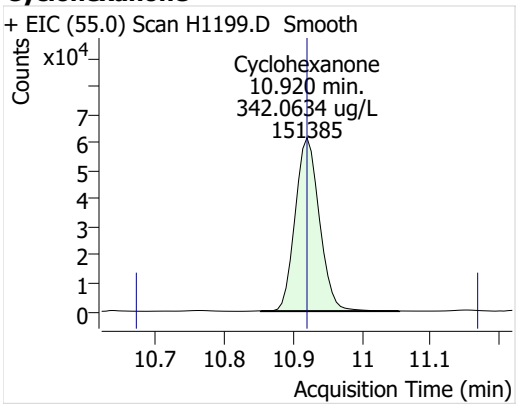
Isopropyl Benzene

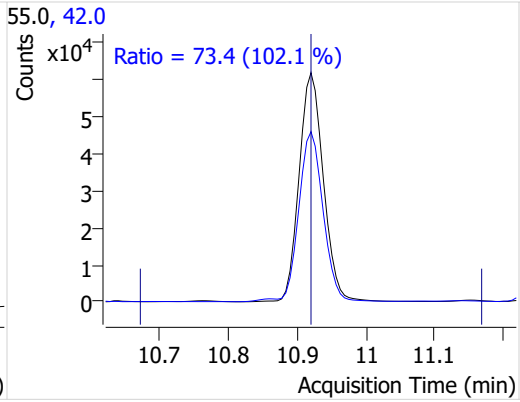


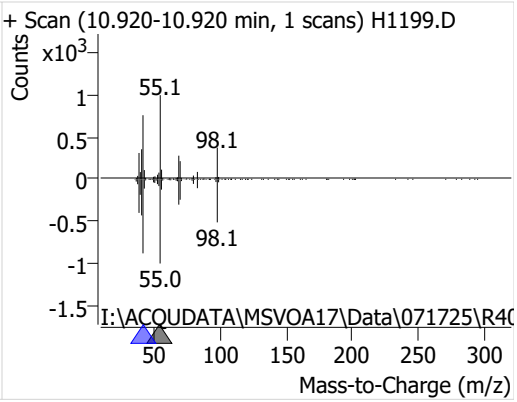




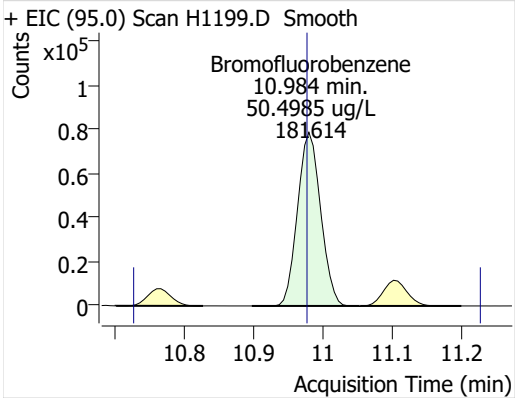
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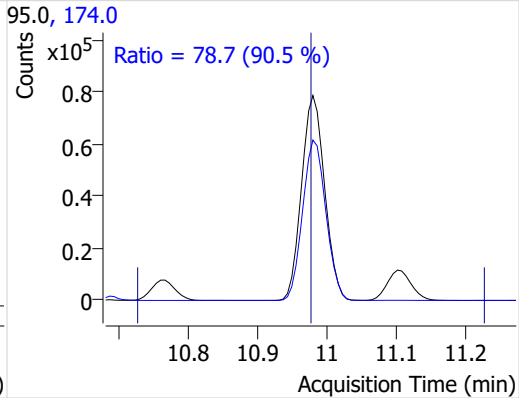


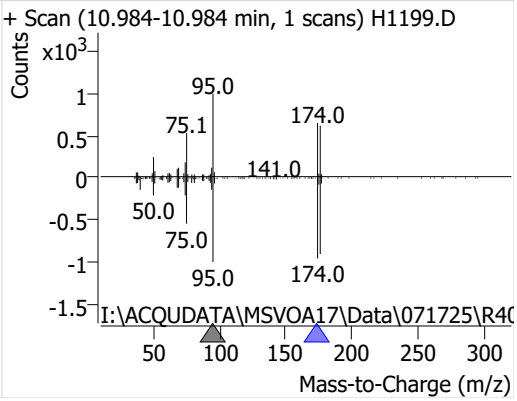




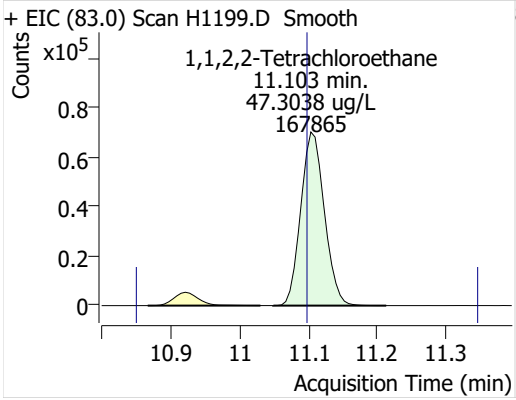
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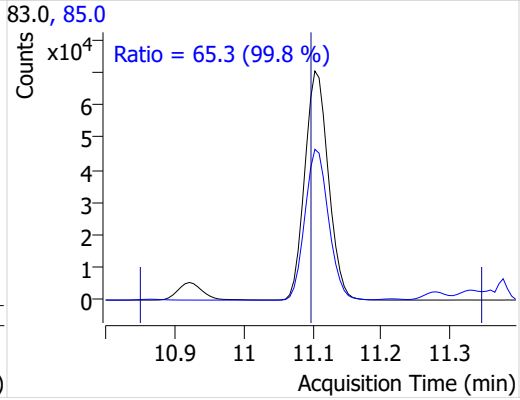


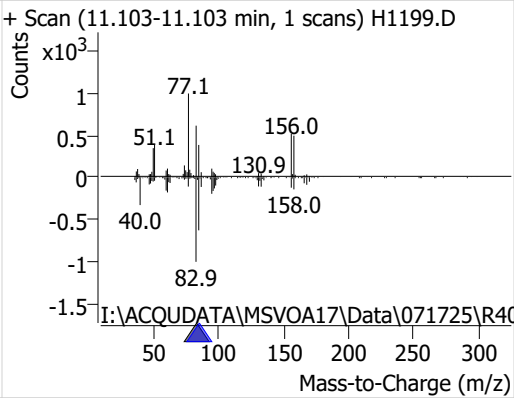




1,1,2,2-Tetrachloroethane

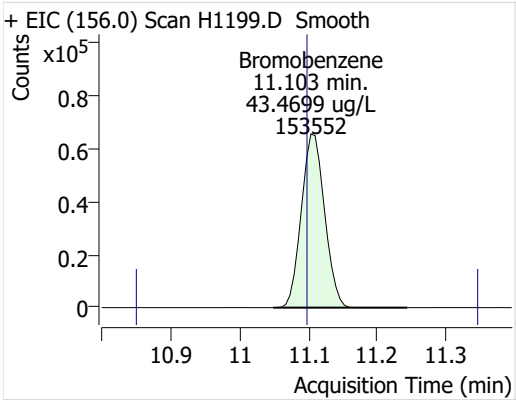


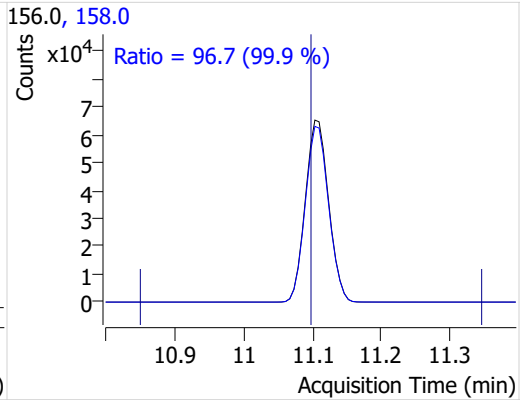


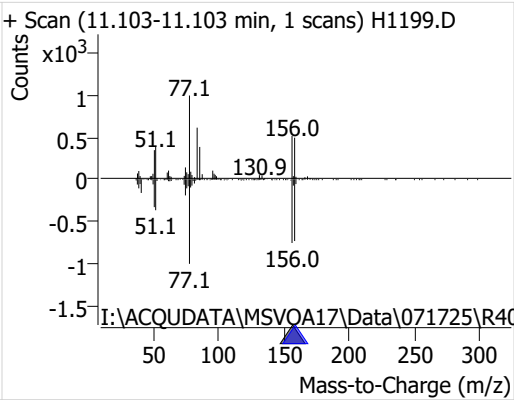


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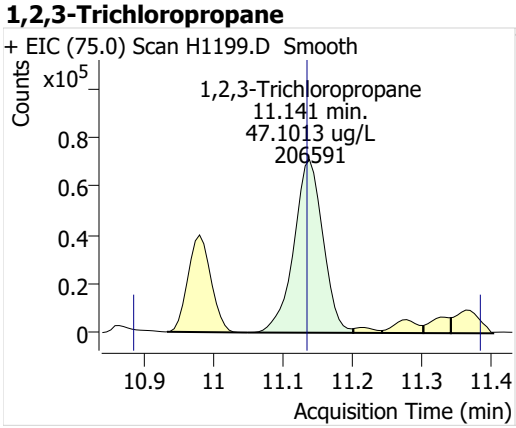
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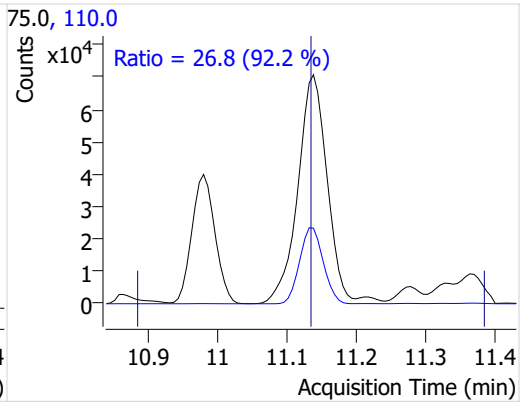


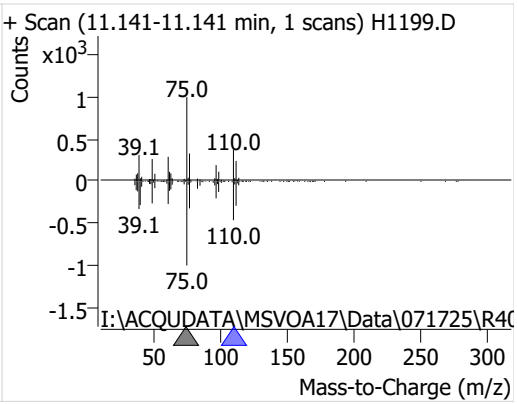




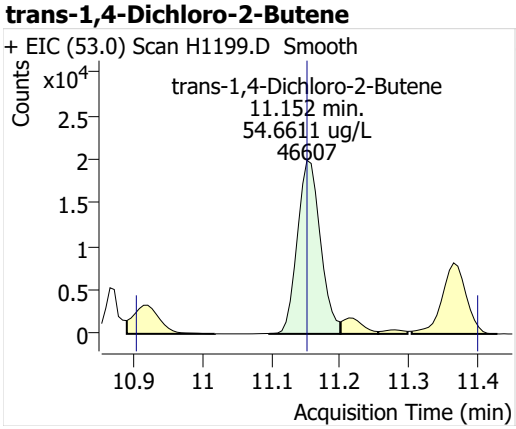
1,2,3-Trichloropropane

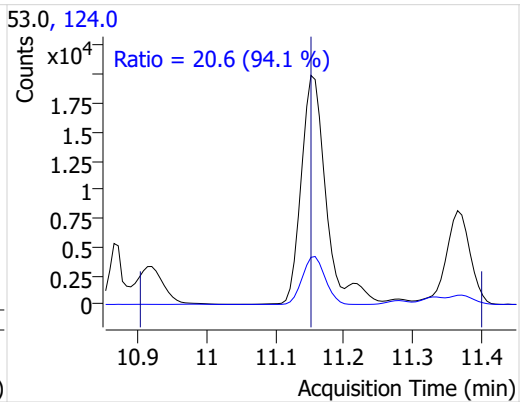


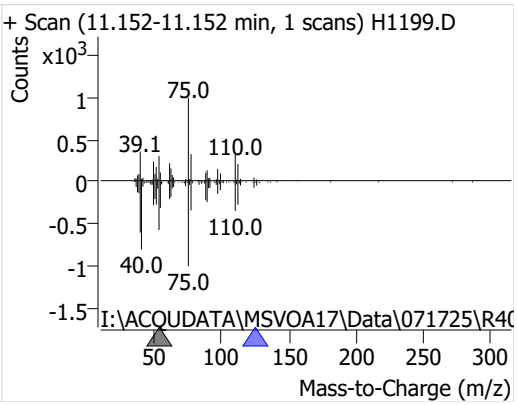




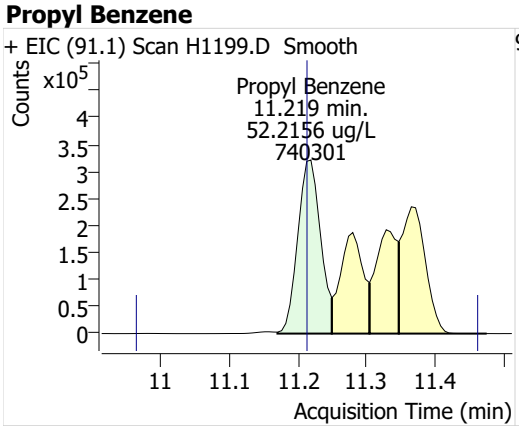
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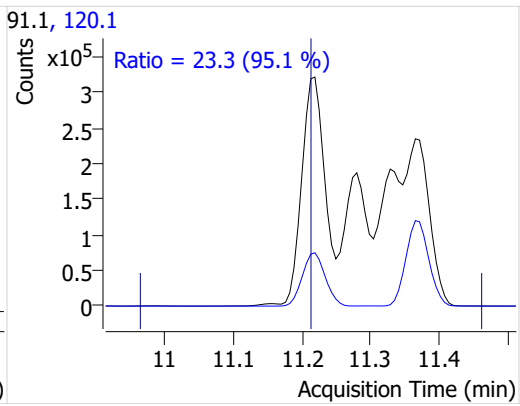


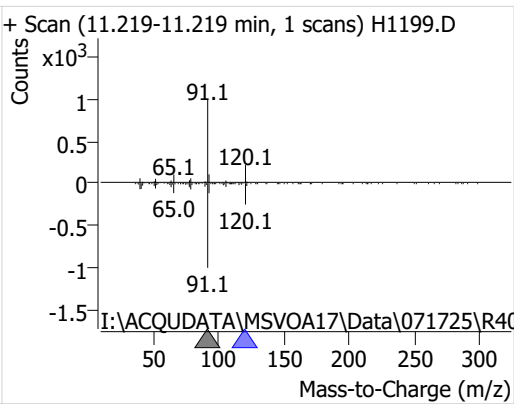




Propyl Benzene

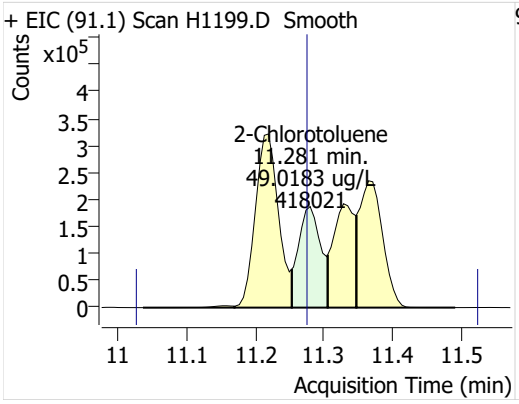


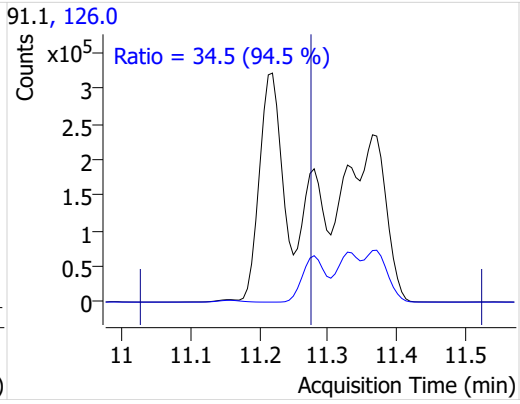


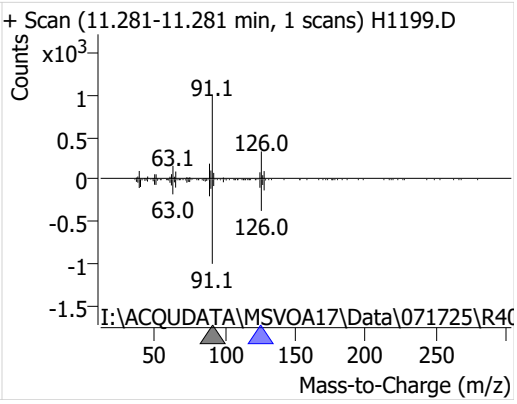


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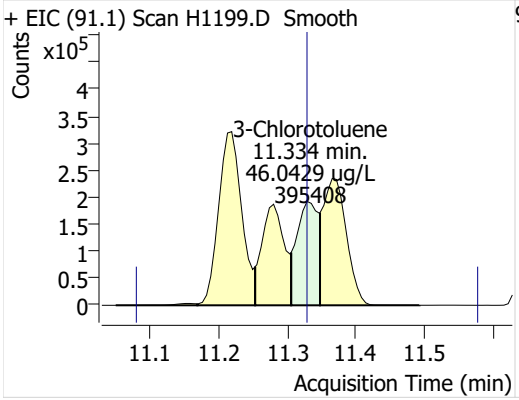
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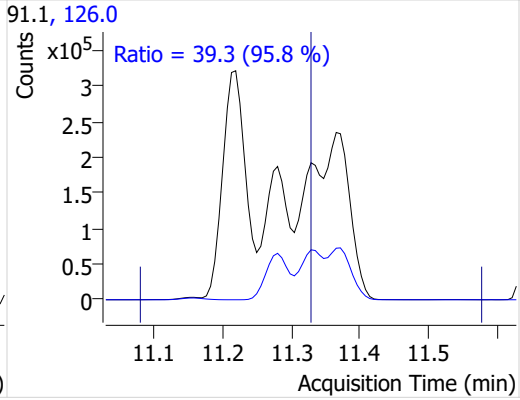


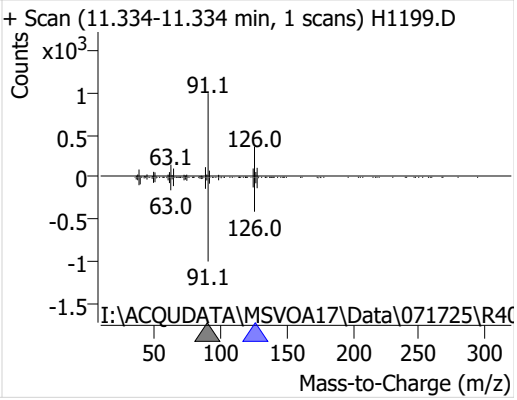




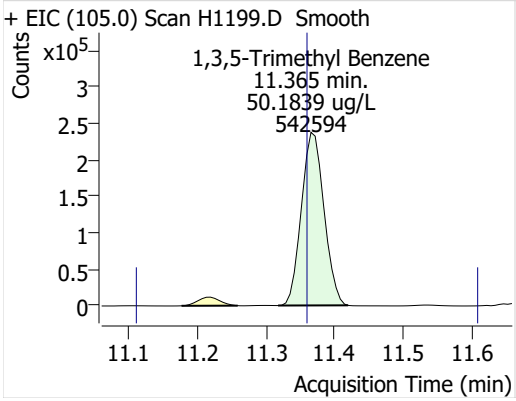
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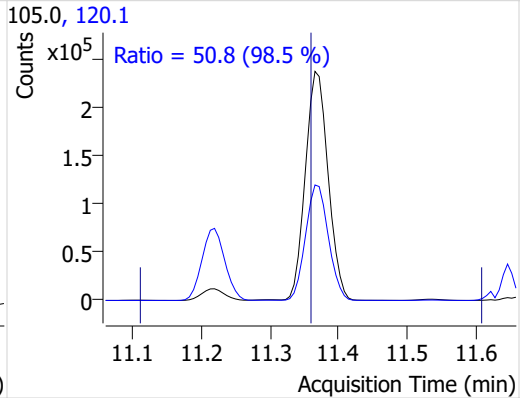


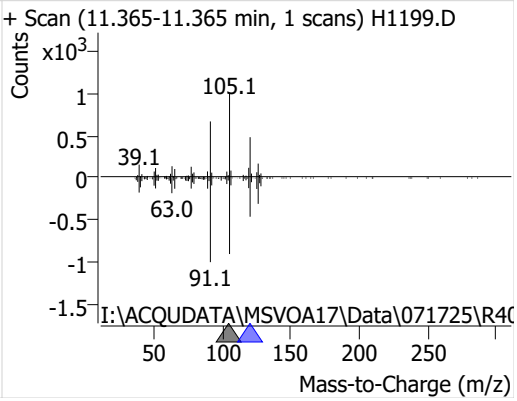




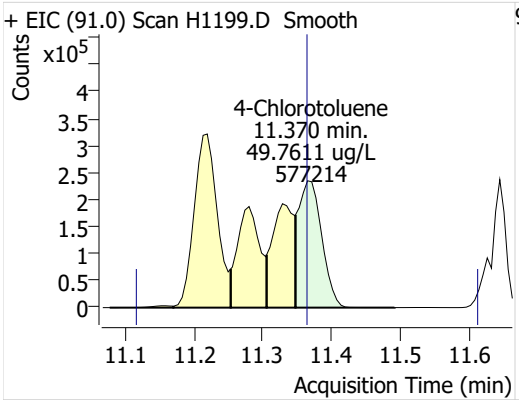
1,3,5-Trimethyl Benzene

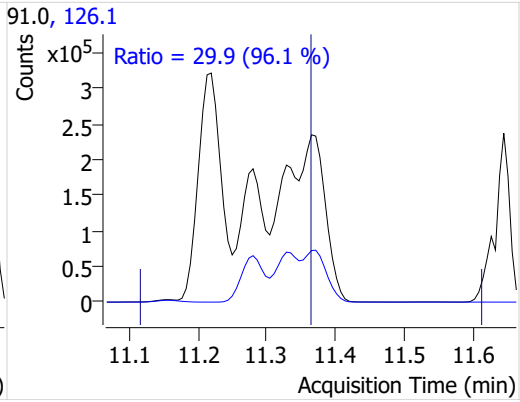


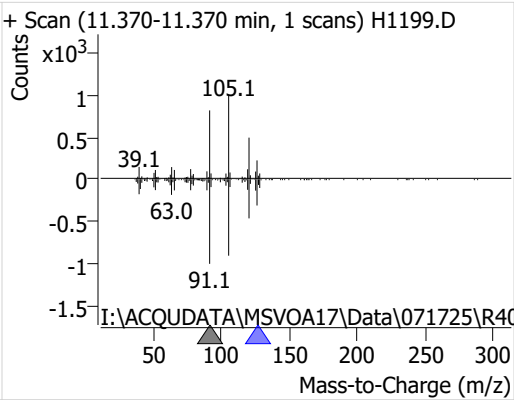




4-Chlorotoluene

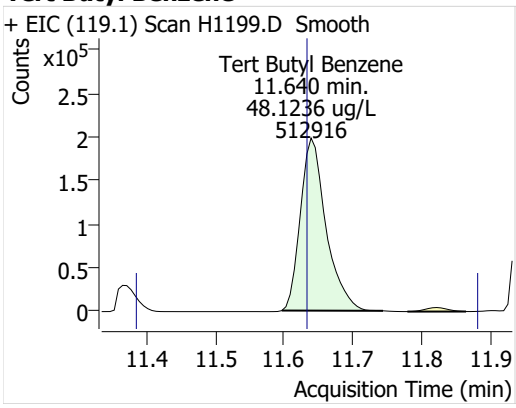


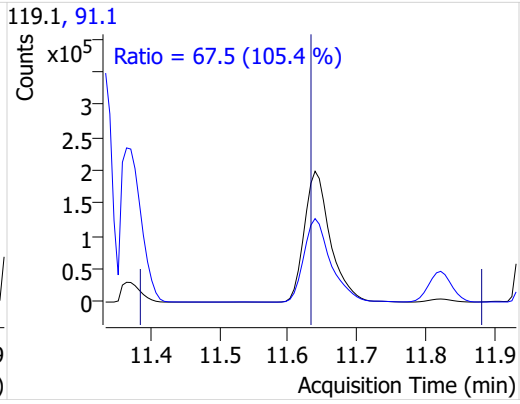


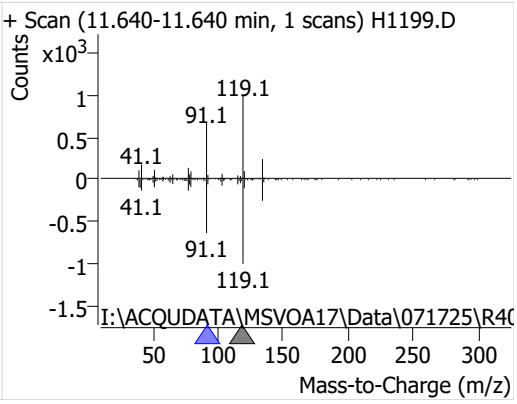


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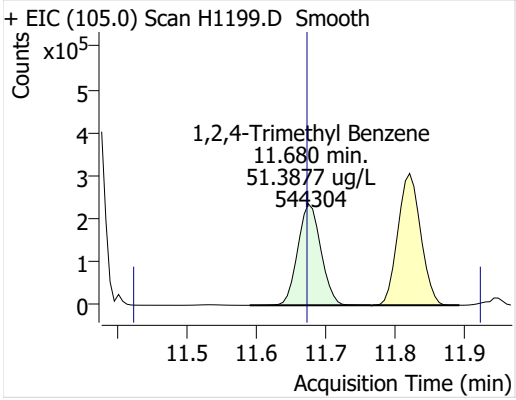
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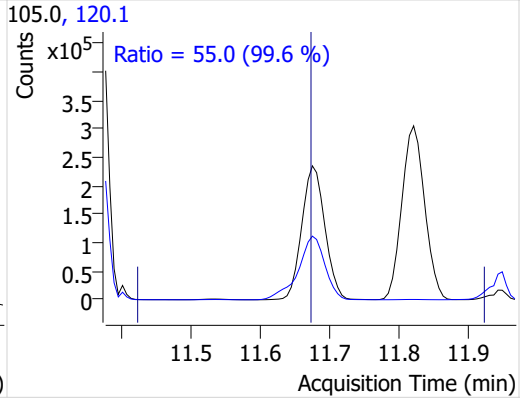


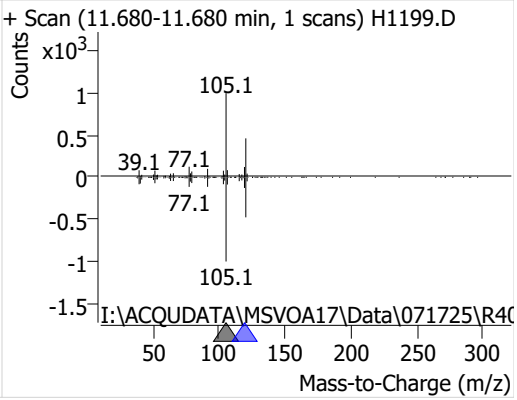




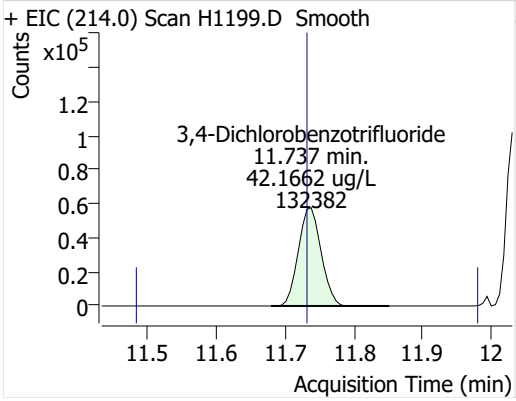
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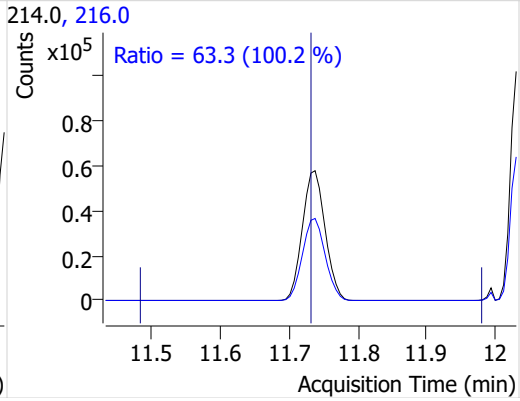


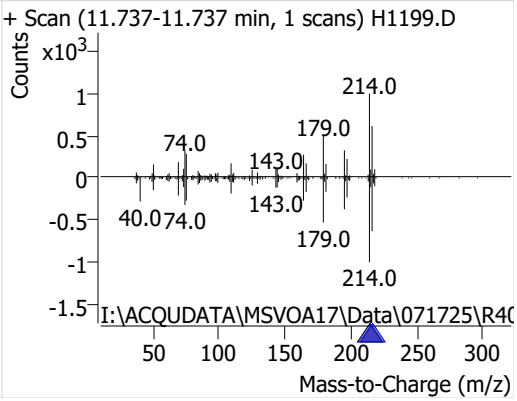




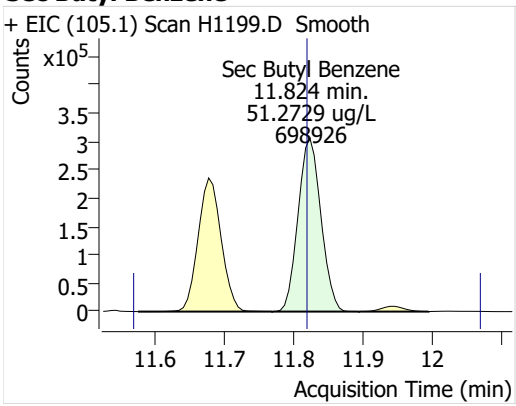
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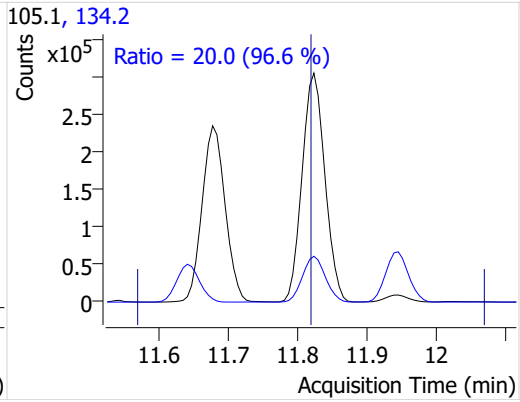


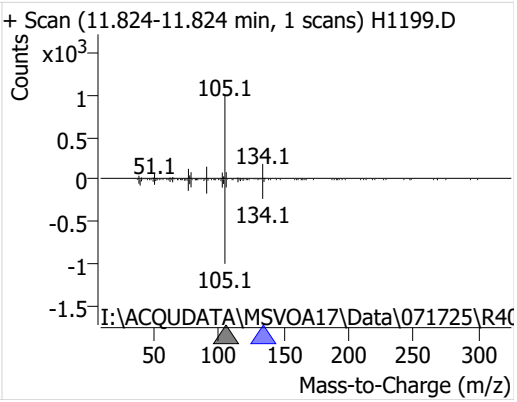




Sec Butyl Benzene

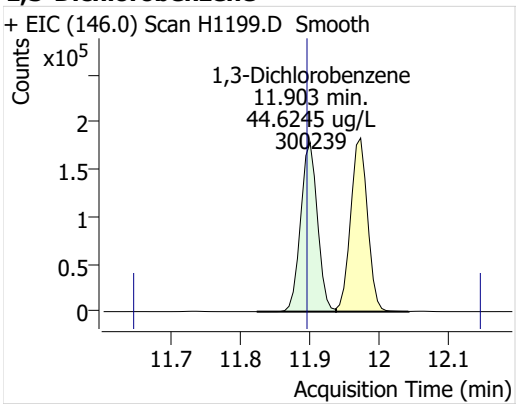


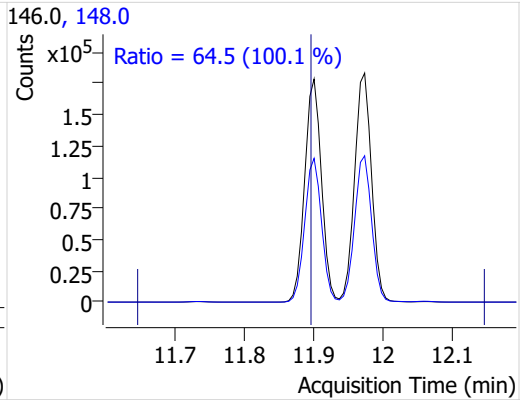


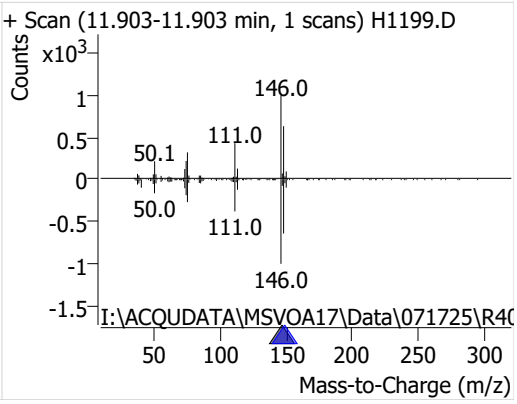


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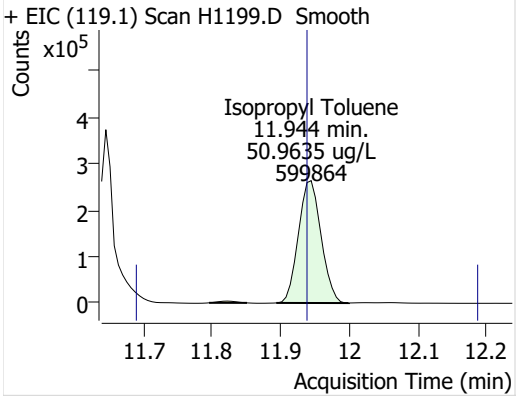
1,3-Dichlorobenzene

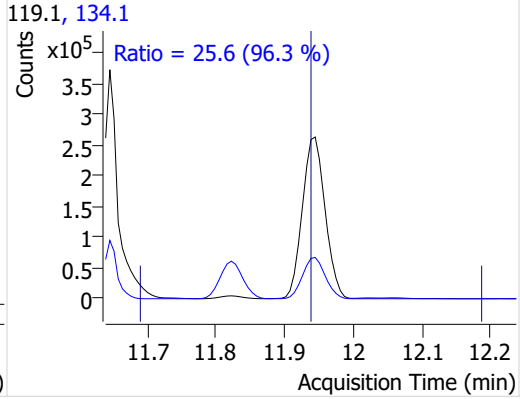


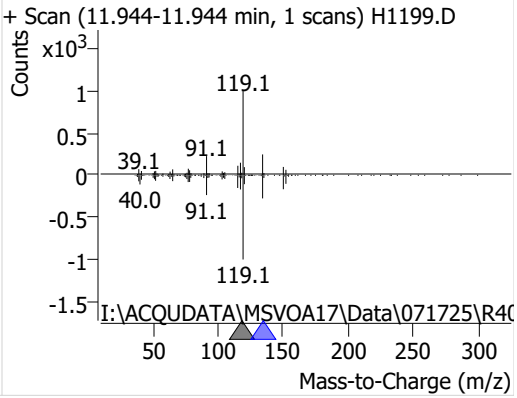




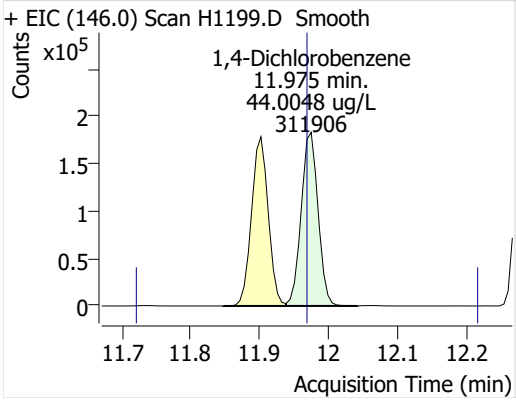
Isopropyl Toluene

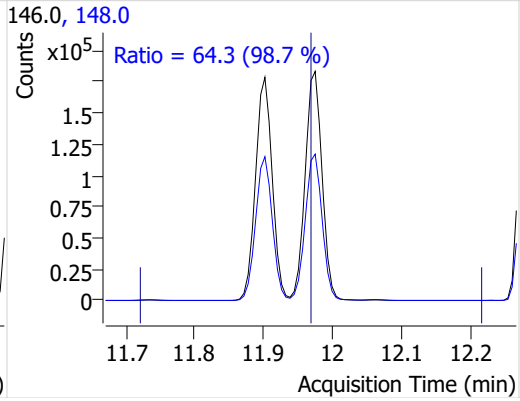


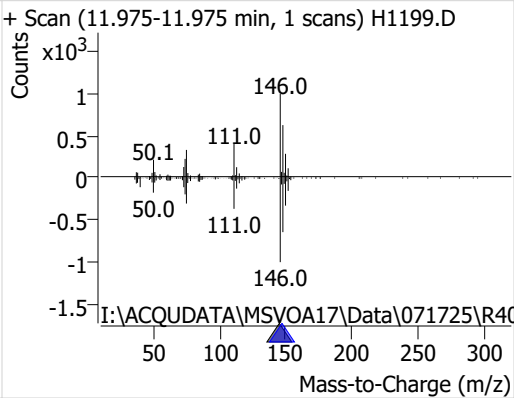




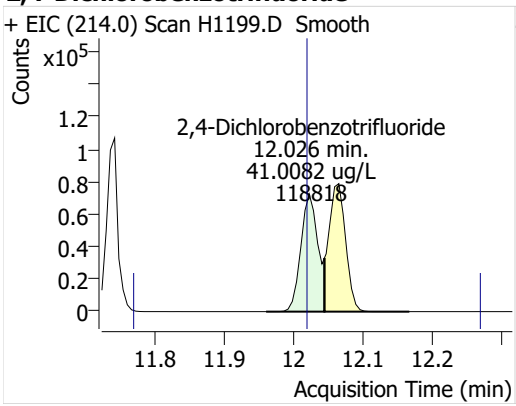
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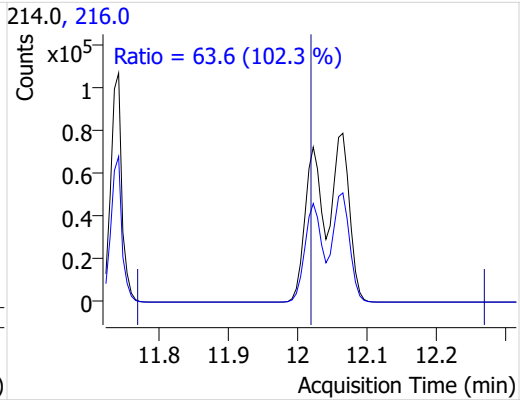


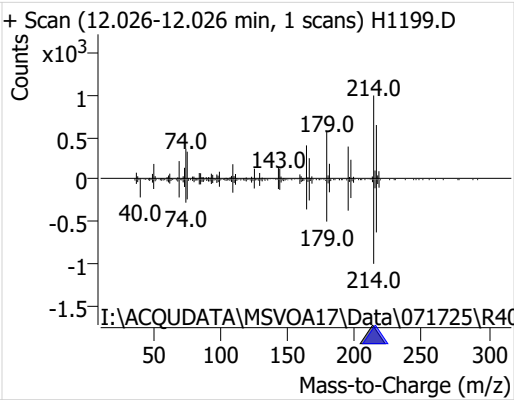




2,4-Dichlorobenzotrifluoride

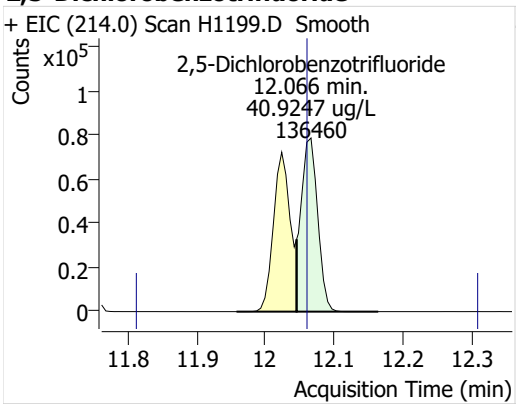


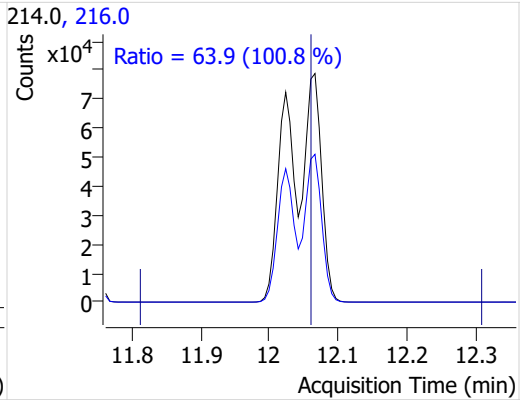


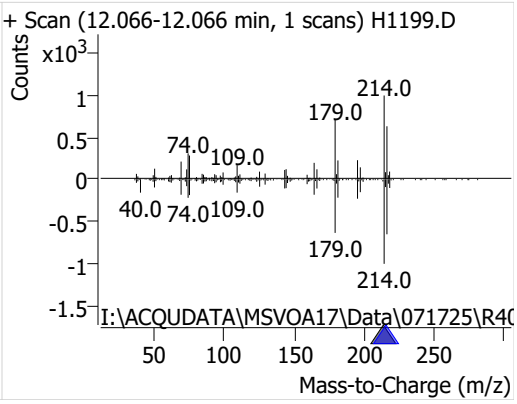


Masshunter Quantitative Analysis Sample Report

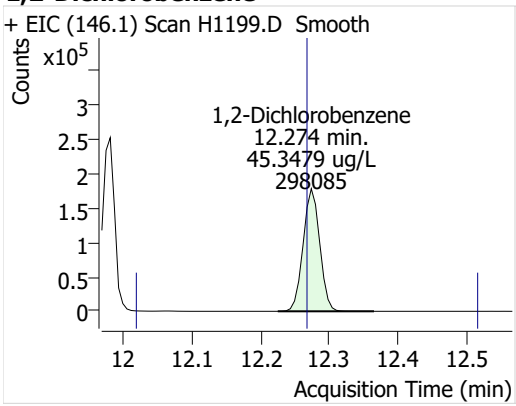
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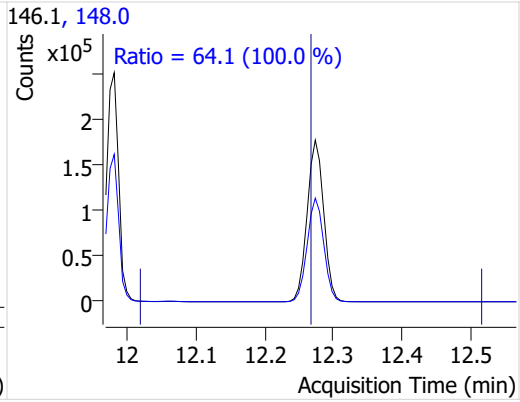


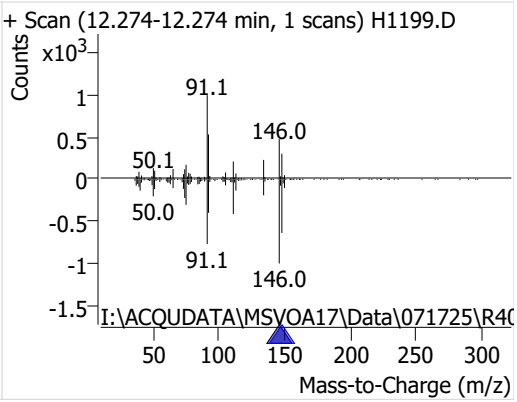




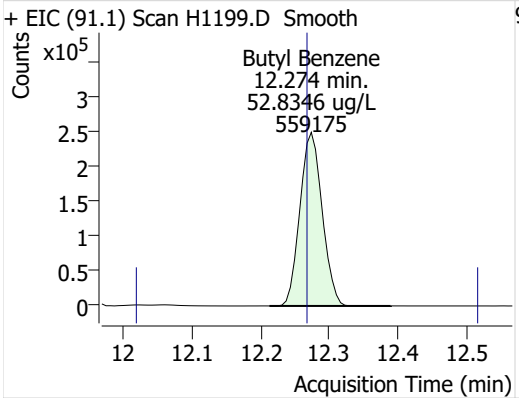
1,2-Dichlorobenzene

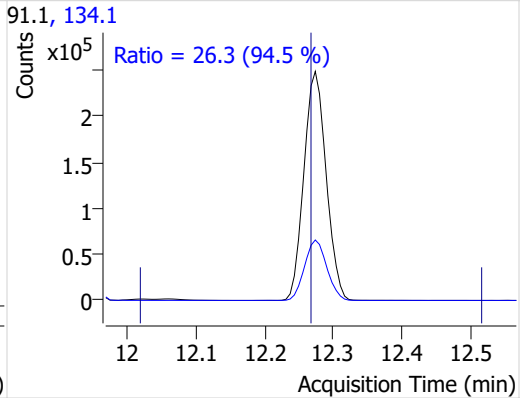


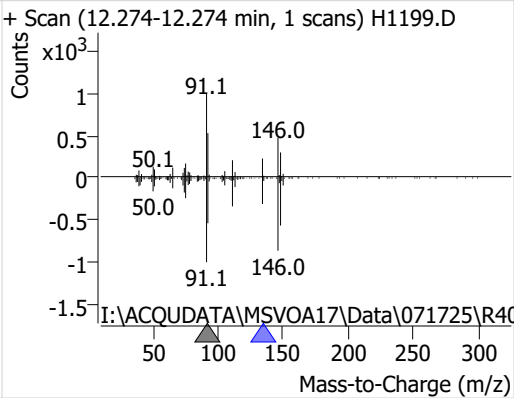




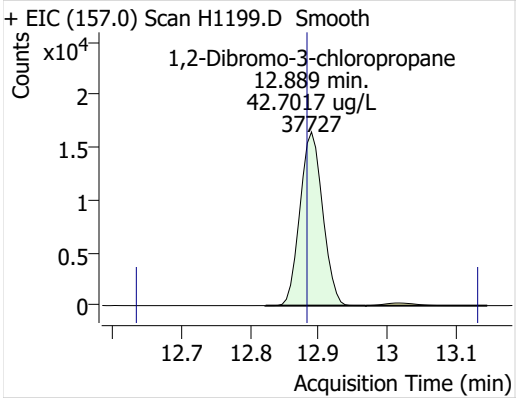
Butyl Benzene

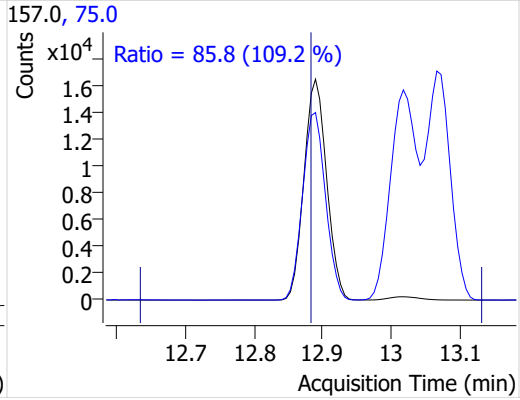


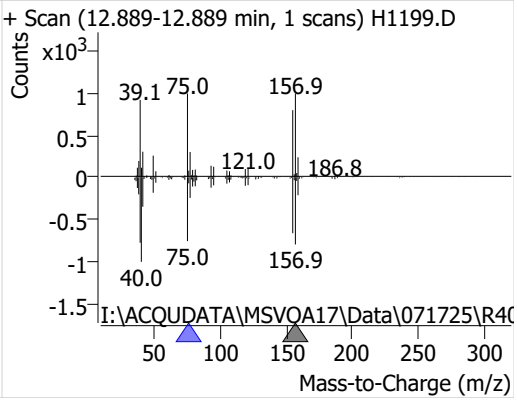




1,2-Dibromo-3-chloropropane

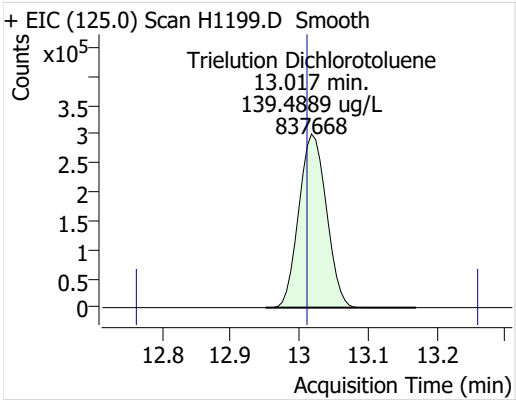


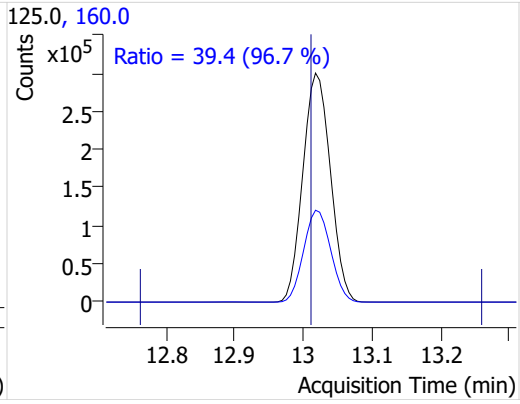


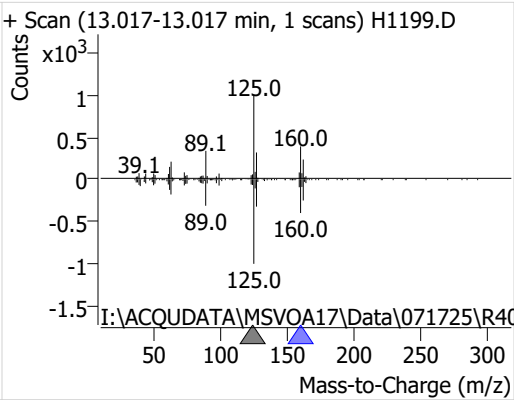


Masshunter Quantitative Analysis Sample Report

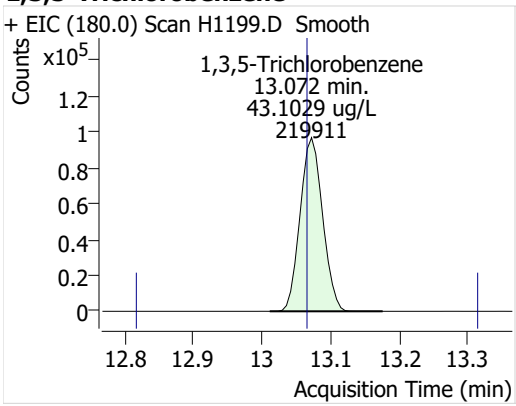
Trielution Dichlorotoluene

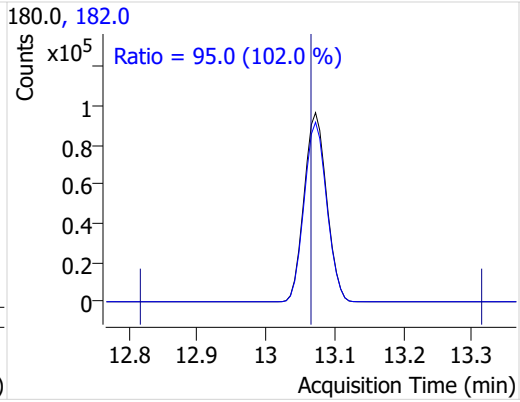


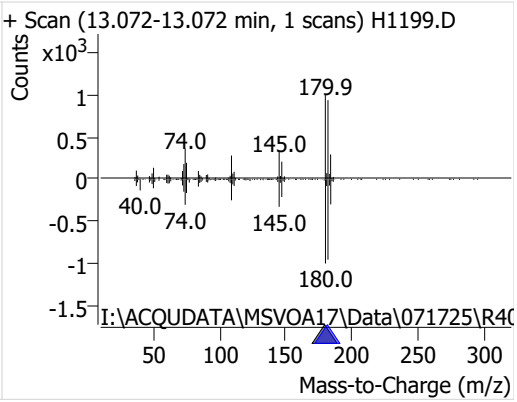




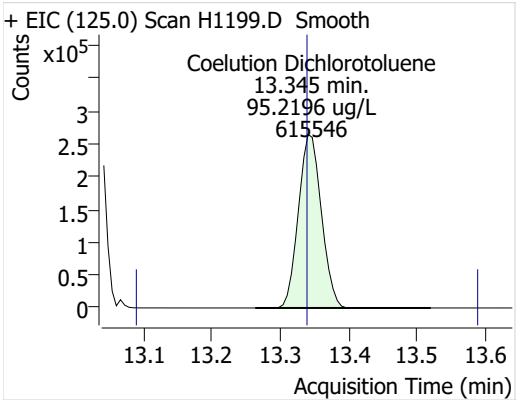
1,3,5-Trichlorobenzene

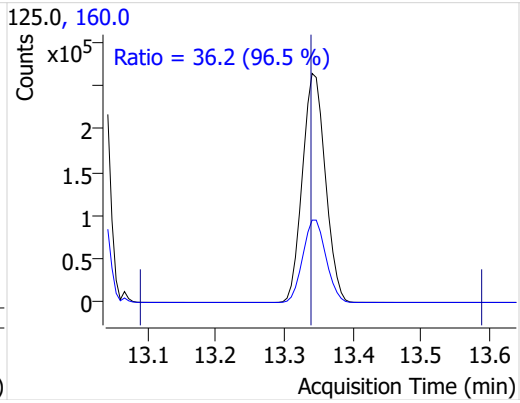


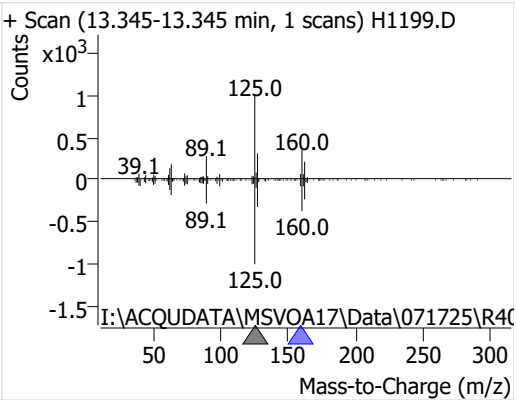




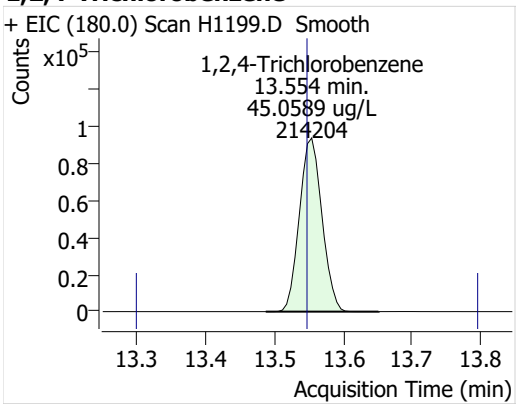
Coelution Dichlorotoluene

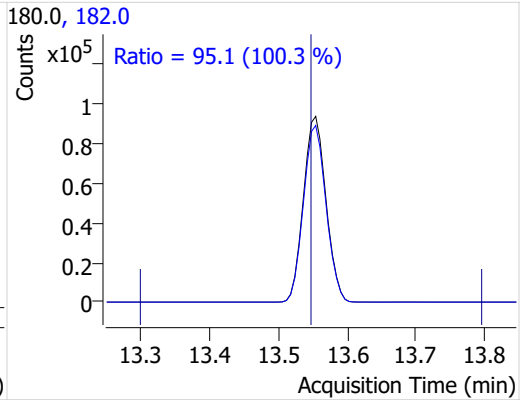


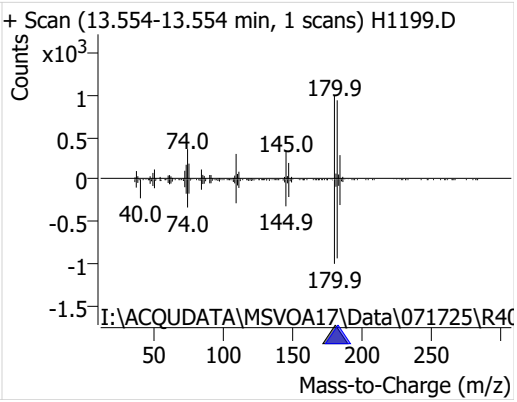




1,2,4-Trichlorobenzene

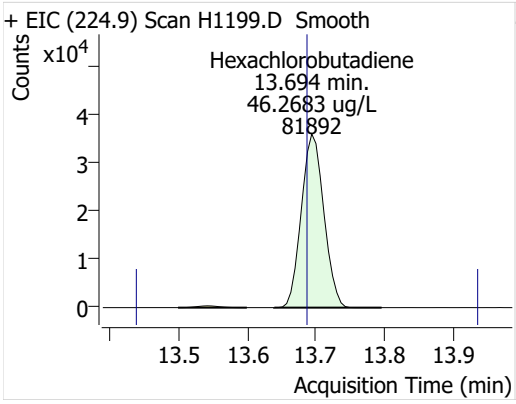


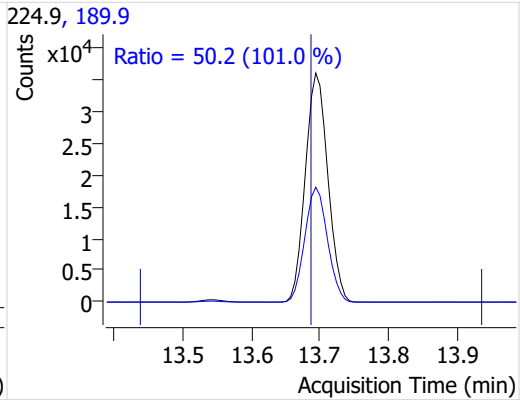


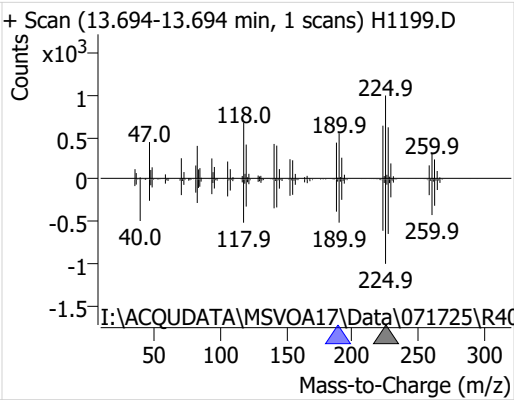


Masshunter Quantitative Analysis Sample Report

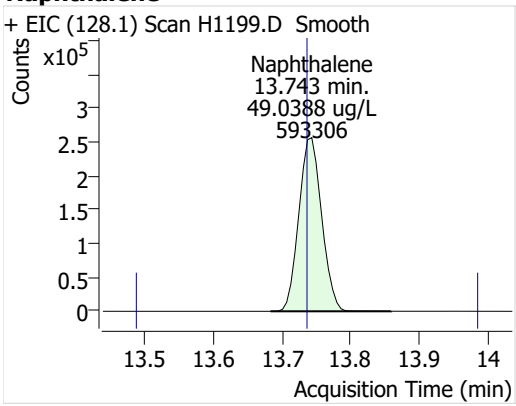
Hexachlorobutadiene

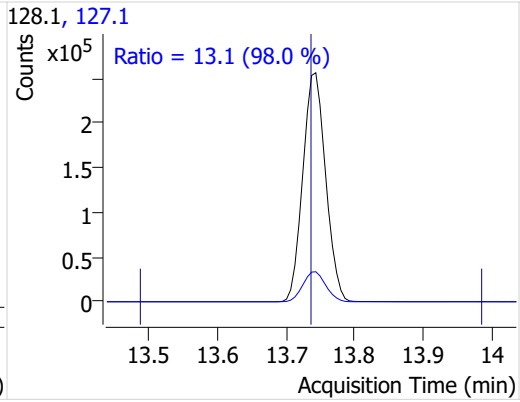


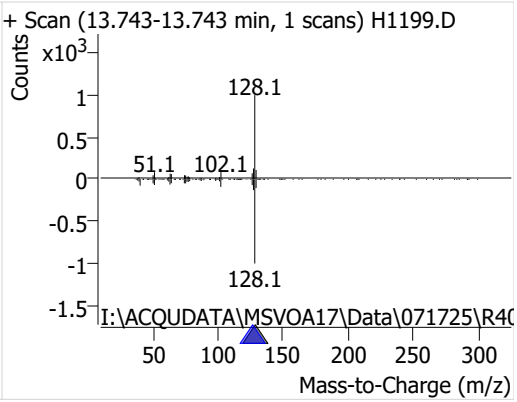




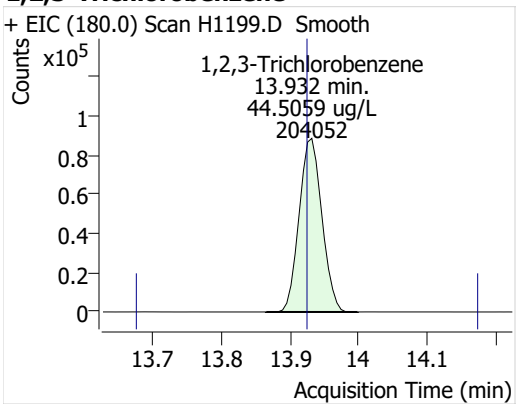
Naphthalene

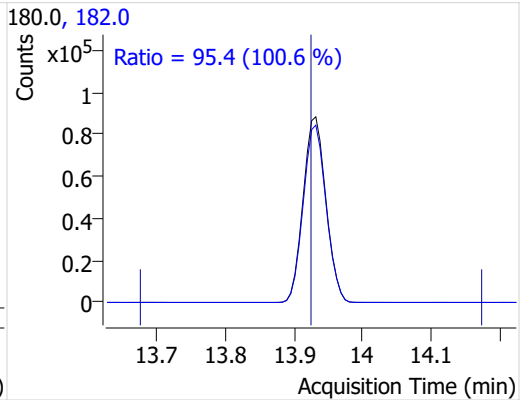


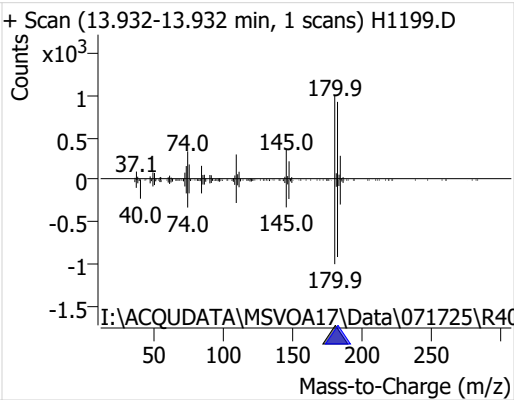




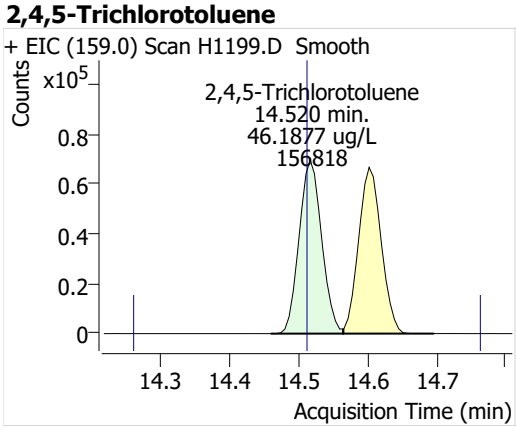
1,2,3-Trichlorobenzene

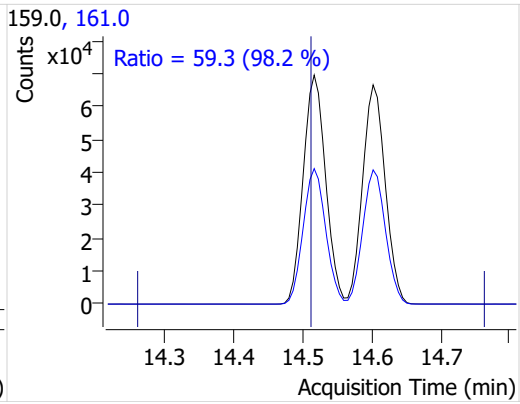


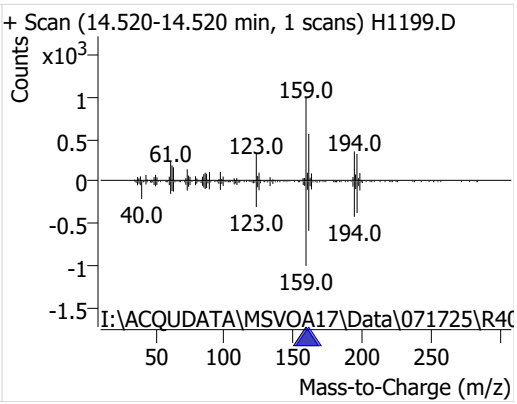




2,4,5-Trichlorotoluene

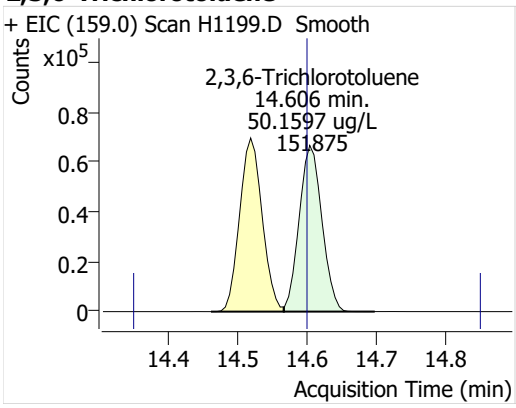


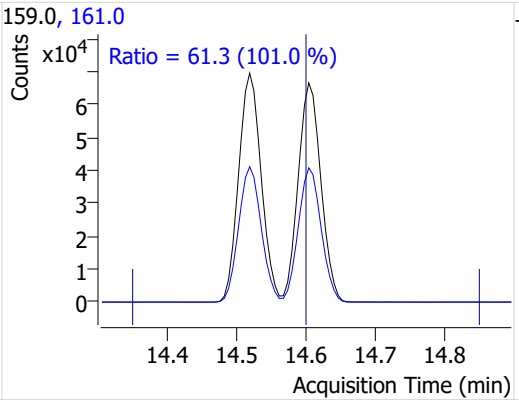


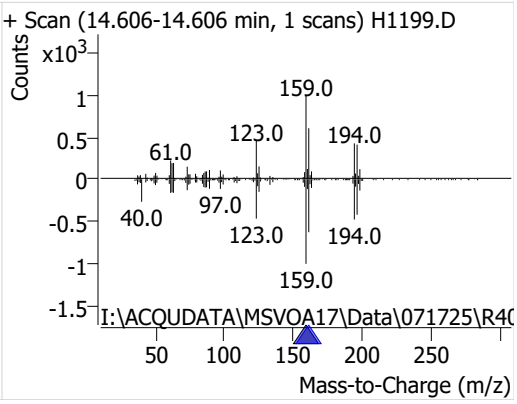


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File I:\ACQUDATA\MSVOA16\Data\090825\090825 ms16 ical.batch.bin
Daily CC I:\ACQUDATA\MSVOA16\Data\092025\H1199.D

Level name	Injection Time	Calibration Files
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2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
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150	9/8/2025 5:33:24 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	248913	114.34	M
1,4-Difluorobenzene	360674	354457	416924	117.62	M
Chlorobenzene-d5	314511	309932	369002	119.06	M
1,4-Dichlorobenzene D4	183727	183815	223511	121.60	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.627	50.00	51.14	-2.29	127.47	Avg RF
Chlorodifluoromethane	-	0.609	0.676	50.00	55.55	-11.10	139.73	Avg RF
Chloromethane	-	0.558	0.623	50.00	55.84	-11.67	138.73	Avg RF
Vinyl Chloride	-	0.653	0.661	50.00	50.60	-1.19	127.71	Avg RF
Bromomethane	-	0.9905	0.3804	50.00	38.22	23.56 #	107.83	Linear
Chloroethane	-	0.478	0.445	50.00	46.47	7.06	129.54	Avg RF
Fluorodichloromethane	-	0.985	0.999	50.00	50.72	-1.43	129.36	Avg RF
Trichlorofluoromethane	-	0.892	0.855	50.00	47.94	4.12	122.58	Avg RF
Freon 123a	-	0.531	0.486	50.00	45.76	8.49	118.52	Avg RF
Diethyl Ether	-	0.458	0.459	50.00	50.18	-0.37	118.77	Avg RF
Freon 123	-	0.799	0.766	50.00	47.90	4.20	125.02	Avg RF
Acrolein	-	0.032	0.063	250.00	488.45	-95.38 #	221.19	Avg RF
1,1-Dichloroethene	-	0.809	0.836	50.00	51.63	-3.27	130.25	Avg RF
Freon 113	-	0.557	0.539	50.00	48.39	3.22	130.34	Avg RF
Acetone	-	0.224	0.212	50.00	47.34	5.32	115.64	Avg RF
Iodomethane	-	0.9960	0.6344	50.00	47.07	5.86	112.30	Linear
2-Propanol	-	0.033	0.031	1000.00	934.23	6.58	122.71	Avg RF
Carbon Disulfide	-	1.356	1.402	50.00	51.71	-3.43	130.29	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.203	300.00	335.21	-11.74	145.10	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.24	-2.48	135.44	Avg RF
Methylene Chloride	-	0.543	0.507	50.00	46.70	6.61	114.27	Avg RF
TBA	-	0.051	0.045	1000.00	897.69	10.23	105.71	Avg RF
Acrylonitrile	-	0.230	0.248	250.00	269.32	-7.73	125.01	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.752	50.00	52.48	-4.96	131.00	Avg RF
MTBE	-	1.496	1.452	50.00	48.51	2.98	110.94	Avg RF
1,1-Dichloroethane	-	0.918	0.932	50.00	50.78	-1.57	126.92	Avg RF
Vinyl Acetate	-	0.774	0.845	50.00	54.56	-9.12	125.30	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.441	50.00	51.17	-2.34	122.41	Avg RF
Diisopropyl ether	-	1.567	1.767	50.00	56.38	-12.77	133.93	Avg RF
ETBE	-	1.467	1.513	50.00	51.60	-3.19	120.08	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.556	50.00	48.54	2.92	116.30	Avg RF
2,2-Dichloropropane	-	0.685	0.646	50.00	47.11	5.78	117.19	Avg RF
2-Butanone	-	0.281	0.278	50.00	49.41	1.18	121.91	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.093	250.00	262.04	-4.82	123.61	Avg RF
Bromochloromethane	-	0.402	0.358	50.00	44.47	11.06	105.89	Avg RF
Methylacrylonitrile	-	0.230	0.242	50.00	52.51	-5.01	117.60	Avg RF
Tetrahydrofuran	-	0.171	0.184	50.00	53.86	-7.73	128.47	Avg RF
Chloroform	-	0.944	0.912	50.00	48.33	3.35	122.02	Avg RF
1,1,1-Trichloroethane	-	0.774	0.763	50.00	49.25	1.50	123.11	Avg RF
TAME	-	1.361	1.325	50.00	48.70	2.61	110.84	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.310	50.00	48.08	3.83	106.98	Avg RF
Cyclohexane	-	0.9954	0.4718	50.00	50.84	-1.69	124.67	Quadratic
Carbon Tetrachloride	-	0.428	0.402	50.00	47.05	5.90	120.13	Avg RF
1,1-Dichloropropene	-	0.398	0.384	50.00	48.33	3.34	126.95	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.403	50.00	54.15	-8.30	121.56	Avg RF
Benzene	-	1.197	1.162	50.00	48.55	2.91	121.77	Avg RF
1,2-Dichloroethane	-	0.463	0.471	50.00	50.94	-1.87	120.64	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0122	1000.00	1045.52	-4.55	123.11	Quadratic
n-Heptane	-	0.9904	0.4791	50.00	57.41	-14.81	149.85	Quadratic
Trichloroethene	-	0.368	0.334	50.00	45.38	9.24	116.25	Avg RF
1-Butanol	-	0.008	0.008	2500.00	2543.73	-1.75	121.65	Avg RF
Methylcyclohexane	-	0.434	0.474	50.00	54.59	-9.17	141.18	Avg RF
1,2-Dichloropropane	-	0.329	0.331	50.00	50.30	-0.61	123.22	Avg RF
Dibromomethane	-	0.235	0.200	50.00	42.63	14.73	106.50	Avg RF
1,4-Dioxane	-	0.005	0.004	1000.00	872.82	12.72	107.44	Avg RF
Methyl Methacrylate	-	0.226	0.221	50.00	48.88	2.24	114.53	Avg RF
Bromodichloromethane	-	0.436	0.417	50.00	47.73	4.53	116.84	Avg RF
2-Nitropropane	-	0.9991	0.1099	100.00	102.40	-2.40	122.19	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.125	50.00	63.68	-27.35 #	143.20	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.410	50.00	47.23	5.55	113.01	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.341	50.00	53.67	-7.35	136.96	Avg RF
Toluene-d8	-	1.246	1.248	50.00	50.07	-0.13	113.36	Avg RF
Toluene	-	1.310	1.290	50.00	49.26	1.47	123.77	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.360	50.00	47.15	5.70	113.19	Avg RF
Ethyl Methacrylate	-	0.398	0.393	50.00	49.38	1.24	113.78	Avg RF
1,1,2-Trichloroethane	-	0.302	0.290	50.00	48.03	3.93	113.99	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.339	50.00	44.87	10.25	119.24	Avg RF
1,3-Dichloropropane	-	0.578	0.562	50.00	48.61	2.78	119.58	Avg RF
2-Hexanone	-	0.141	0.134	50.00	47.33	5.35	123.28	Avg RF
Dibromochloromethane	-	0.403	0.380	50.00	47.19	5.62	114.56	Avg RF
N-Butyl Acetate	-	0.540	0.571	50.00	52.95	-5.89	131.90	Avg RF
1,2-Dibromoethane	-	0.336	0.328	50.00	48.82	2.36	119.63	Avg RF
Chlorobenzene	-	1.047	0.976	50.00	46.59	6.81	119.00	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.452	50.00	41.46	17.08	112.57	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.429	50.00	41.44	17.13	112.11	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.356	50.00	48.79	2.42	118.84	Avg RF
Ethylbenzene	-	1.620	1.636	50.00	50.49	-0.99	127.59	Avg RF
m,p-Xylene	-	1.220	1.274	100.00	104.45	-4.45	126.80	Avg RF
o-Xylene	-	1.303	1.318	50.00	50.58	-1.16	126.14	Avg RF
Styrene	-	1.095	1.071	50.00	48.90	2.21	118.43	Avg RF
Bromoform	-	0.246	0.230	50.00	46.67	6.66	113.71	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.460	50.00	42.13	15.74	114.35	Avg RF
Isopropyl Benzene	-	1.471	1.523	50.00	51.77	-3.54	127.75	Avg RF
Cyclohexanone	-	0.9999	0.0205	1000.00	342.06	65.79 #	36.74	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.126	50.00	54.66	-9.32	128.22	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.813	50.00	50.50	-1.00	123.32	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.751	50.00	47.30	5.39	119.00	Avg RF
Bromobenzene	-	0.790	0.687	50.00	43.47	13.06	111.12	Avg RF
1,2,3-Trichloropropane	-	0.981	0.924	50.00	47.10	5.80	122.41	Avg RF
Propyl Benzene	-	3.172	3.312	50.00	52.22	-4.43	131.55	Avg RF
2-Chlorotoluene	-	1.908	1.870	50.00	49.02	1.96	128.71	Avg RF
3-Chlorotoluene	-	1.921	1.769	50.00	46.04	7.91	121.81	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.428	50.00	50.18	-0.37	126.86	Avg RF
4-Chlorotoluene	-	2.595	2.582	50.00	49.76	0.48	126.70	Avg RF
Tert Butyl Benzene	-	2.384	2.295	50.00	48.12	3.75	125.37	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.435	50.00	51.39	-2.78	125.50	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.592	50.00	42.17	15.67	112.28	Avg RF
Sec Butyl Benzene	-	3.049	3.127	50.00	51.27	-2.55	130.98	Avg RF
1,3-Dichlorobenzene	-	1.505	1.343	50.00	44.62	10.75	118.59	Avg RF
Isopropyl Toluene	-	2.633	2.684	50.00	50.96	-1.93	129.60	Avg RF
1,4-Dichlorobenzene	-	1.586	1.395	50.00	44.00	11.99	117.17	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.532	50.00	41.01	17.98	112.45	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.611	50.00	40.92	18.15	112.67	Avg RF
1,2-Dichlorobenzene	-	1.470	1.334	50.00	45.35	9.30	114.07	Avg RF
Butyl Benzene	-	2.368	2.502	50.00	52.83	-5.67	134.69	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.169	50.00	42.70	14.60	111.60	Avg RF
Trielution Dichlorotoluene	-	1.343	1.249	150.00	139.49	7.01	117.65	Avg RF
1,3,5-Trichlorobenzene	-	1.141	0.984	50.00	43.10	13.79	112.76	Avg RF
Coelution Dichlorotoluene	-	1.446	1.377	100.00	95.22	4.78	117.40	Avg RF
1,2,4-Trichlorobenzene	-	1.063	0.958	50.00	45.06	9.88	115.73	Avg RF
Hexachlorobutadiene	-	0.396	0.366	50.00	46.27	7.46	123.33	Avg RF
Naphthalene	-	2.707	2.654	50.00	49.04	1.92	115.12	Avg RF
1,2,3-Trichlorobenzene	-	1.026	0.913	50.00	44.51	10.99	111.45	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.702	50.00	46.19	7.62	108.50	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.679	50.00	50.16	-0.32	123.26	Avg RF

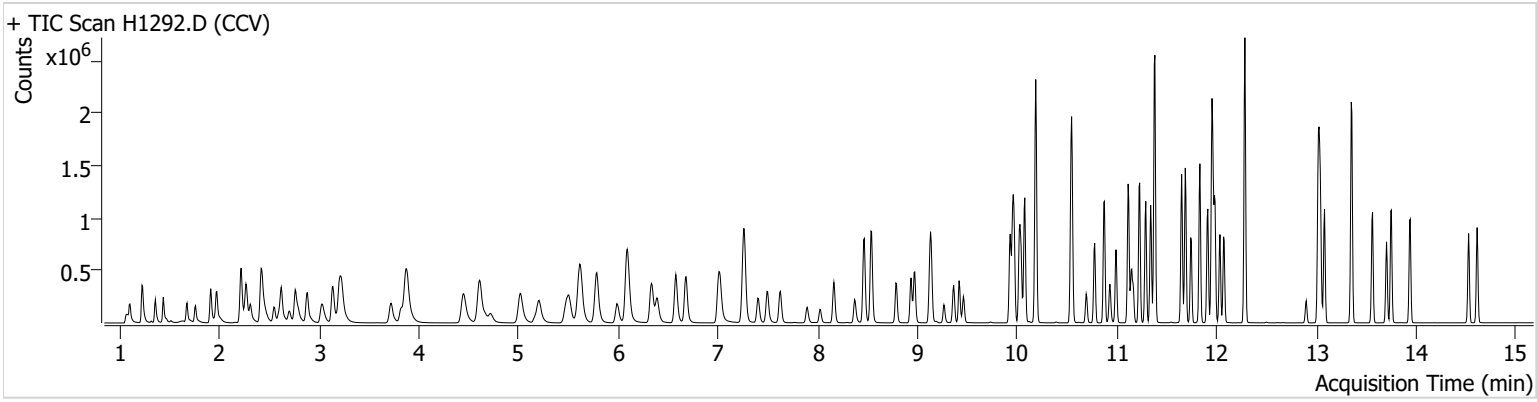
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 96% (111 of 115)

Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092325\QuantResults\092325.batch.bin

H1292.D

Acq. Date-Time	9/23/2025 11:53:44 AM	**Name**	CCV
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/25/2025 9:27:20 AM	**Batch State**	Processed
Report Generation Time	9/25/2025 9:27:49 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:23:25 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092325.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.003	261140	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	434625	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	374036	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	214615	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.819	0.001	5.464	0.006	135880	48.4947	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	523204	48.3111	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	177823	51.4939	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	176007	54.4228	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	174384	54.4767	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	191456	60.2177	ug/L
Chloromethane	50.100	0.241	0.000	1.353	0.001	186318	63.9629	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	188982	55.4110	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	104025	40.0412	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	125634	50.2756	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	285944	55.5979	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	248867	53.4393	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.002	139832	50.3809	ug/L
Diethyl Ether	59.000	0.394	0.000	2.215	0.002	132541	55.4571	ug/L
Freon 123	83.000	0.402	0.000	2.263	0.002	219317	52.5523	ug/L
Acrolein	56.000	0.410	0.001	2.307	0.004	108779	646.4859	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	241806	57.2141	ug/L
Freon 113	101.000	0.431	0.000	2.424	0.001	151376	52.0745	ug/L
Acetone	43.000	0.436	0.001	2.453	0.003	56895	48.7135	ug/L
Iodomethane	142.000	0.452	0.000	2.544	0.003	178264	50.4958	ug/L
2-Propanol	45.000	0.463	0.001	2.601	0.005	178232	1041.6274	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	389671	55.0400	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.003	333965 LT	351.3100	ug/L
Methyl Acetate	43.000	0.495	0.001	2.783	0.003	131072	56.5753	ug/L

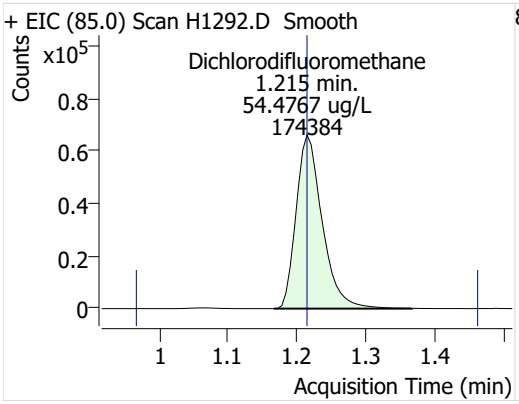
Masshunter Quantitative Analysis Sample Report

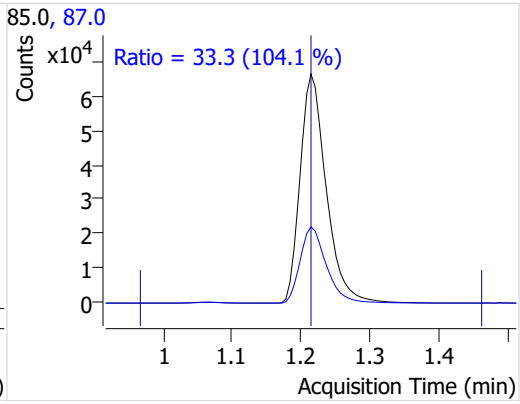
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	145476	51.2670	ug/L
TBA	59.000	0.538	0.000	3.025	0.003	260220	985.2814	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	353329	294.1220	ug/L
trans-1,2-Dichloroethene	61.000	0.567	0.001	3.190	0.006	218853	58.5099	ug/L
MTBE	73.000	0.573	0.000	3.220	0.003	416022	53.2292	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	270510	56.4473	ug/L
Vinyl Acetate	43.000	0.679	0.001	3.817	0.004	242045	59.8531	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.854	0.006	125604	55.8094	ug/L
Diisopropyl ether	45.000	0.689	0.001	3.873	0.006	499409	61.0118	ug/L
ETBE	59.000	0.790	0.001	4.443	0.007	413912	54.0362	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.001	4.602	0.005	158628	53.0688	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	186588	52.1169	ug/L
2-Butanone	43.000	0.830	0.001	4.665	0.007	75840	51.6009	ug/L
Propionitrile	54.000	0.838	0.001	4.714	0.006	133762	289.7378	ug/L
Bromochloromethane	129.900	0.890	0.001	5.007	0.006	103624	49.3453	ug/L
Methylacrylonitrile	67.000	0.892	0.001	5.015	0.006	68771	57.1882	ug/L
Tetrahydrofuran	42.000	0.918	0.002	5.161	0.010	51798	58.0996	ug/L
Chloroform	83.000	0.924	0.001	5.196	0.006	260663	52.8826	ug/L
1,1,1-Trichloroethane	97.000	0.977	0.001	5.494	0.003	217138	53.6919	ug/L
Cyclohexane	84.000	0.839	0.001	5.598	0.006	231194	57.2730	ug/L
Carbon Tetrachloride	116.900	0.865	0.001	5.774	0.005	199436	53.6648	ug/L
1,1-Dichloropropene	75.000	0.866	0.001	5.775	0.006	190640	55.1418	ug/L
Benzene	78.000	0.910	0.001	6.074	0.006	567712	54.5780	ug/L
1,2-Dichloroethane	62.000	0.913	0.001	6.092	0.006	224216	55.7369	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.090	0.010	120543	1162.2964	ug/L
TAME	73.000	1.125	0.001	6.323	0.006	365679	51.4440	ug/L
n-Heptane	43.000	0.985	0.001	6.571	0.004	251621	68.3241	ug/L
Trichloroethene	129.900	1.048	0.001	6.994	0.006	157289	49.1968	ug/L
1-Butanol	56.000	1.052	0.001	7.018	0.006	195379	2729.2981	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	233687	61.9665	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	161725	56.5387	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.003	94566	46.3195	ug/L
1,4-Dioxane	88.000	1.121	0.001	7.476	0.006	40547	963.1151	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	105402	53.7205	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	201813	53.2080	ug/L
2-Nitropropane	43.000	1.182	0.000	7.887	0.003	105871	111.9949	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.018	0.002	56881	66.6648	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.152	0.006	202277	53.6188	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.001	8.365	0.003	153684	55.5871	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	628491	55.2109	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	178816	53.9495	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	187082	54.0984	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	137645	52.4670	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	141960	50.2677	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	238513	55.1550	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	52916	50.0748	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	163402	54.2289	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.412	0.002	241284	59.7672	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	140234	55.8607	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	413993	52.8395	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.963	0.001	192361	47.1423	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.001	181115	46.7973	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	150615	55.2152	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	695703	57.4197	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	1084383	118.8119	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	557173	57.1763	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	449244	54.8598	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	99441	53.9528	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	188335	46.0966	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	652691	59.3028	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	125020	281.6638	ug/L

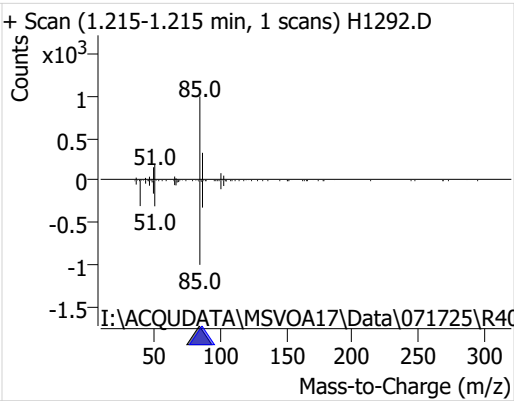
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	194282	57.0173	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.000	177141	52.2266	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	238610	56.6566	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	56599	65.4864	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	846259	62.1633	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.001	484176	59.1293	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	437301	53.0319	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	618439	59.5697	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	660201	59.2746	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	603353	58.9552	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	624428	61.3960	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	149419	49.5659	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	809678	61.8598	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	342426	53.0046	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	696795	61.6526	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	352755	51.8310	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	132712	47.7020	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.066	0.000	152914	47.7606	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	342854	54.3209	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	643935	63.3655	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	43350	51.1002	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	929022	161.1141	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	241032	49.2010	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.001	678427	109.2970	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	242102	53.0385	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	95160	55.9929	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	674810	58.0875	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	235272	53.4425	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.001	172429	52.8906	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	167390	57.5754	ug/L

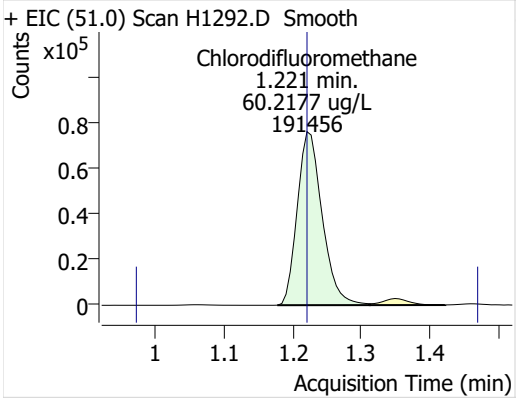
Dichlorodifluoromethane

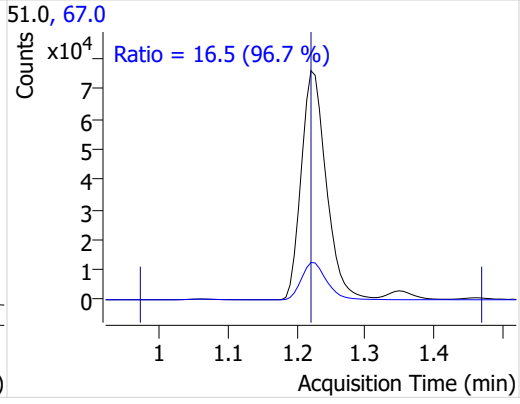


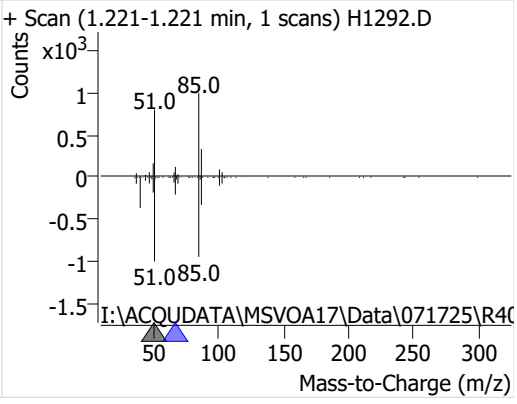




Chlorodifluoromethane

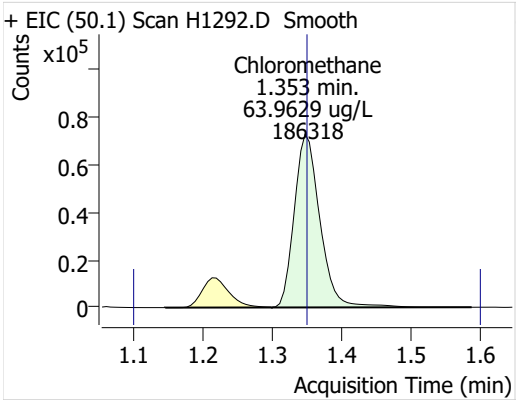


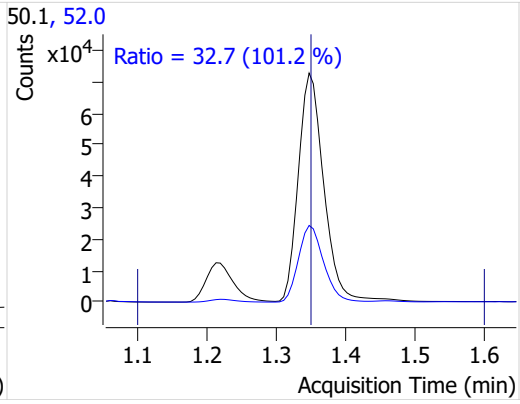


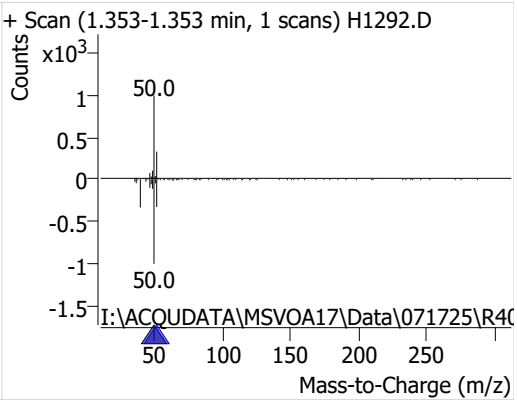


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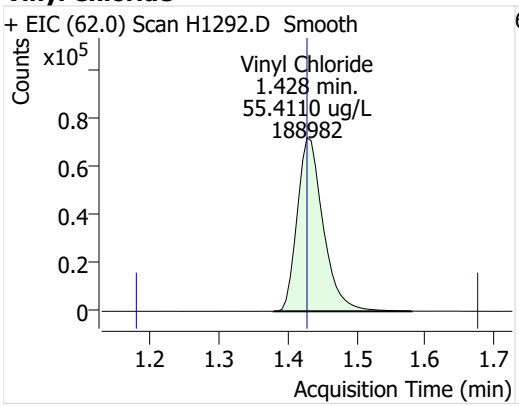
Chloromethane

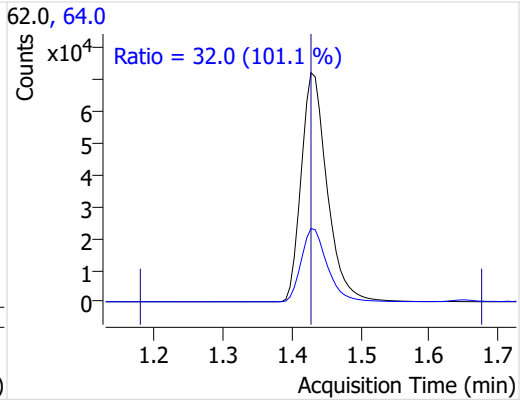


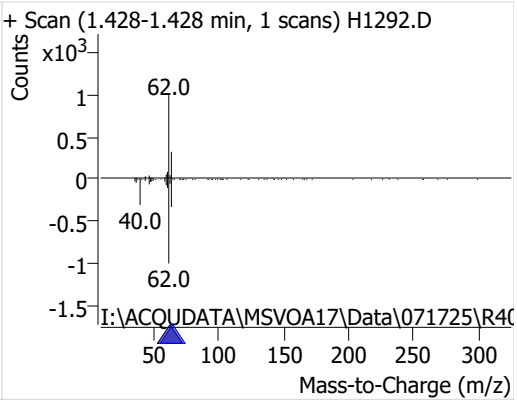




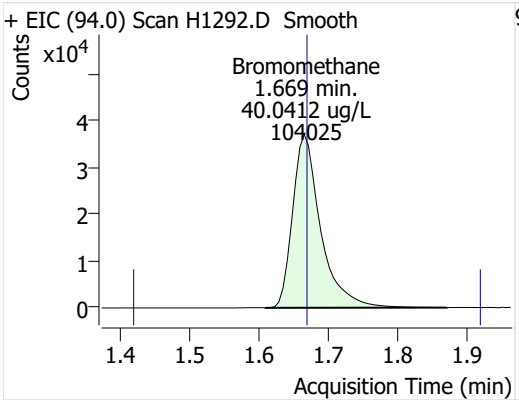
Vinyl Chloride

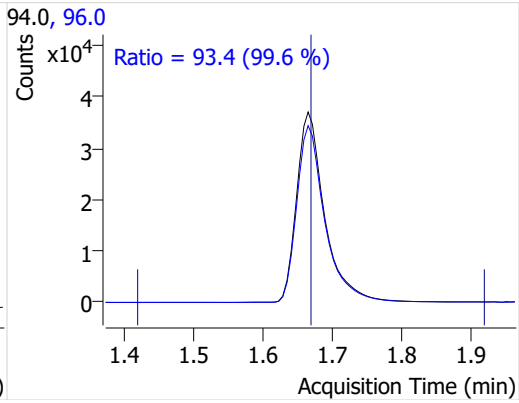


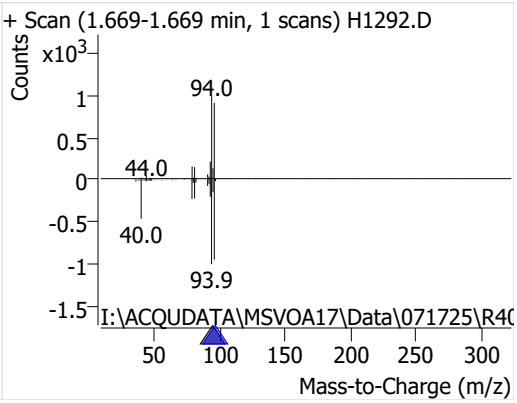




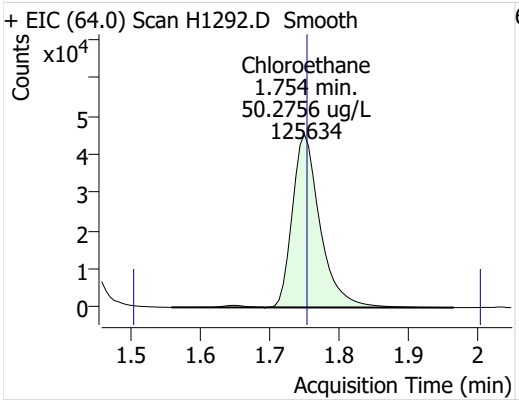
Bromomethane

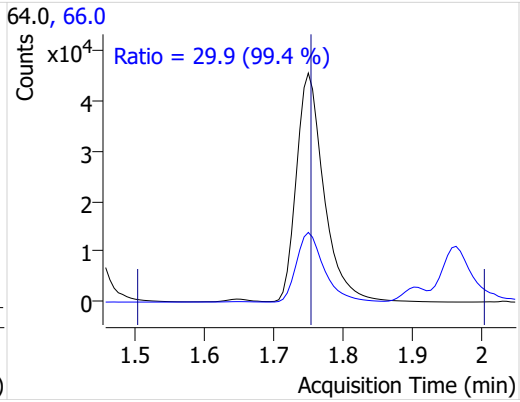


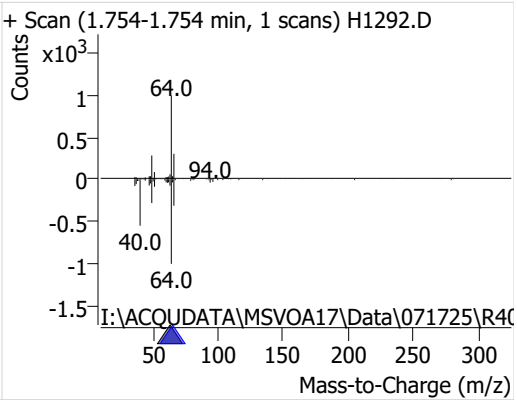




Chloroethane

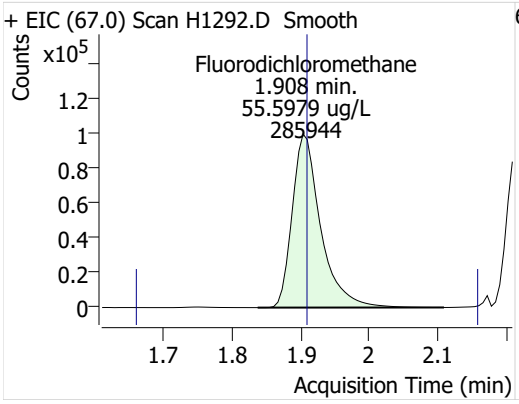


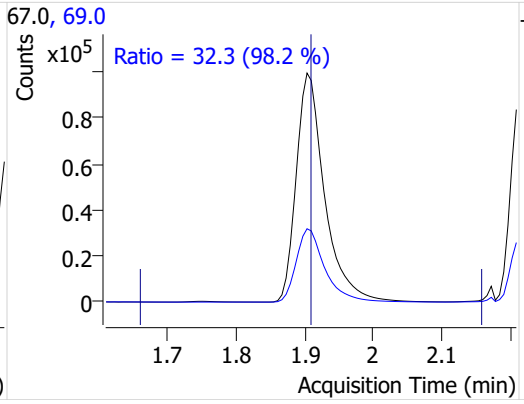


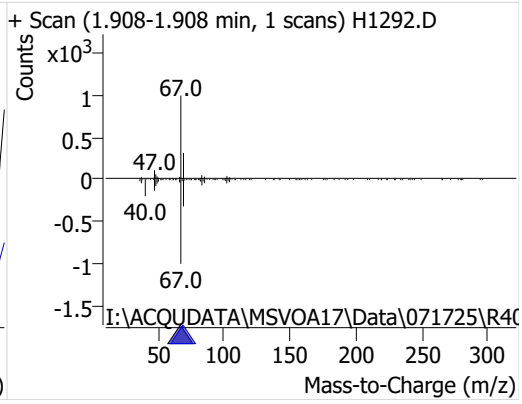


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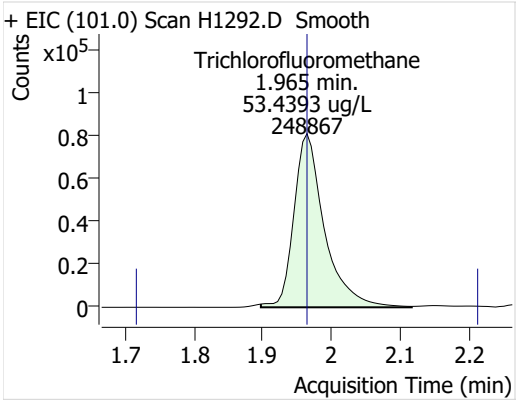
Fluorodichloromethane

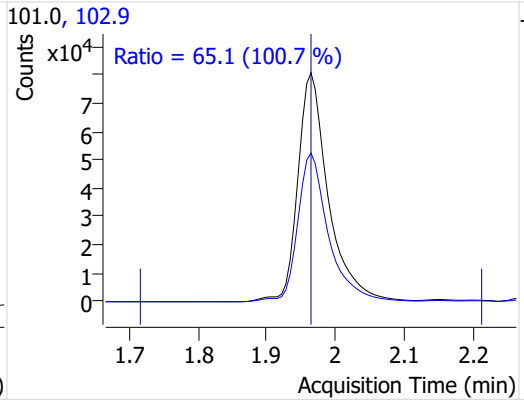


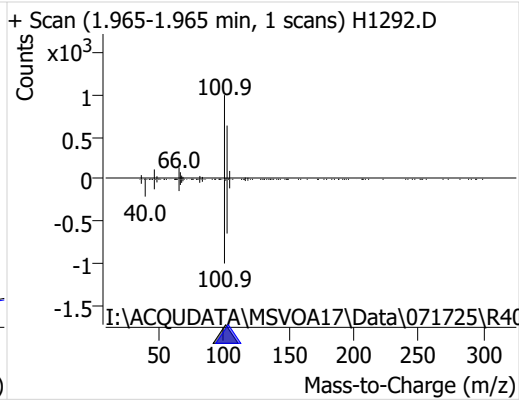




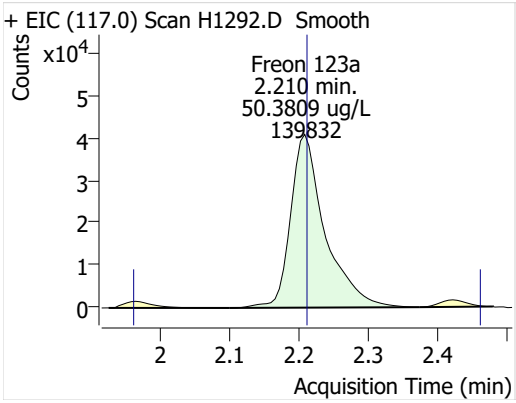
Trichlorofluoromethane

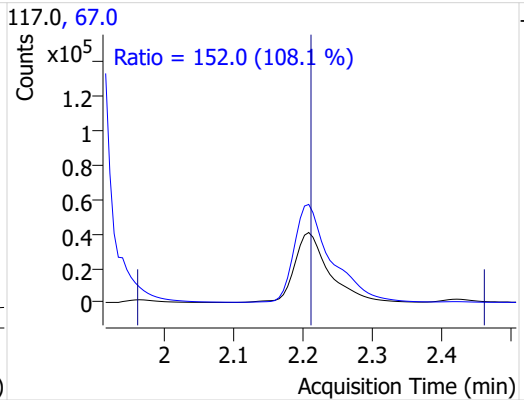


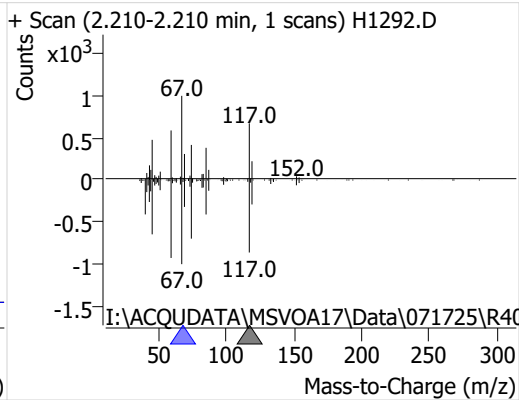




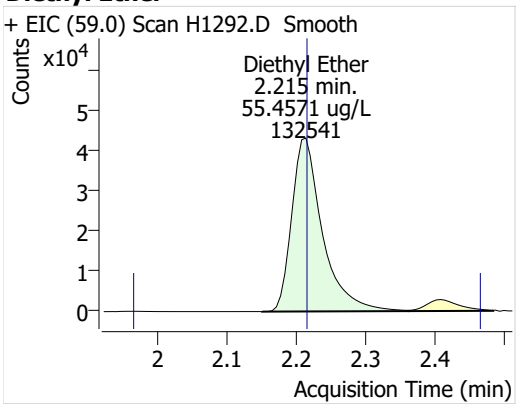
Freon 123a

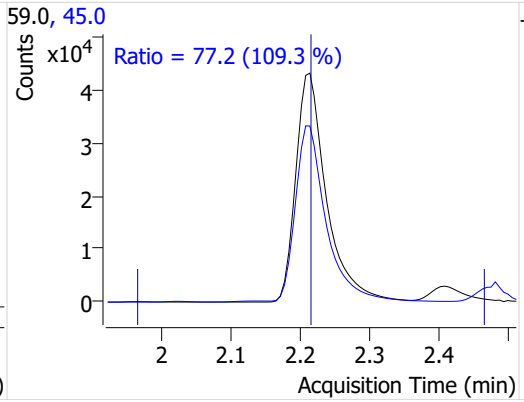


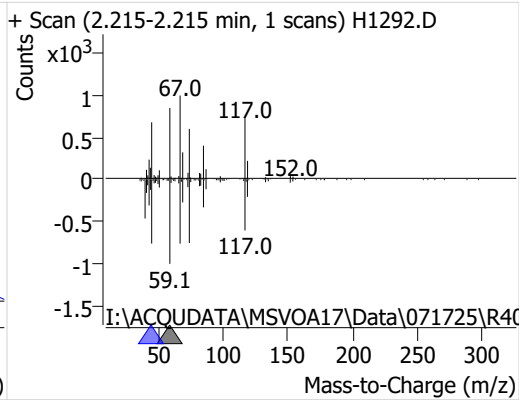




Diethyl Ether

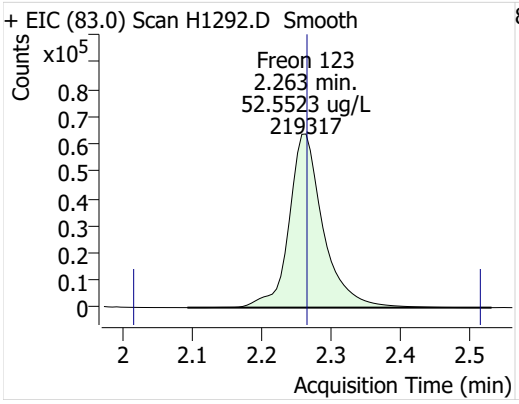


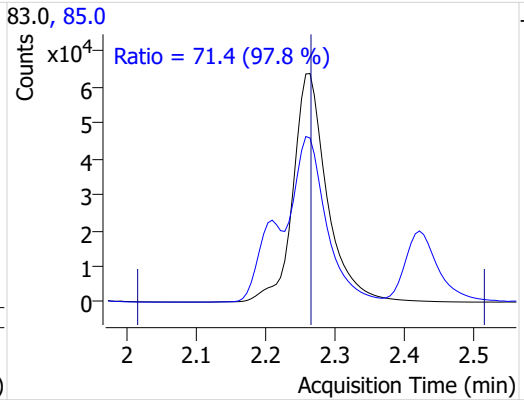


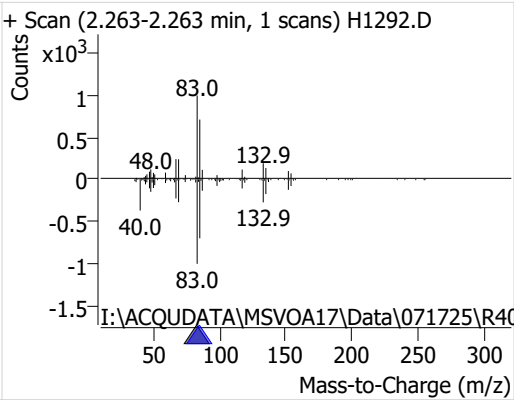


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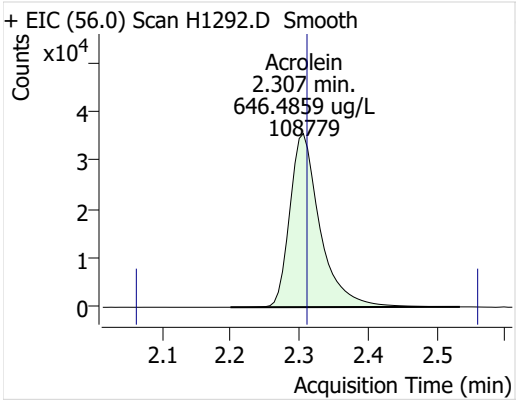
Freon 123

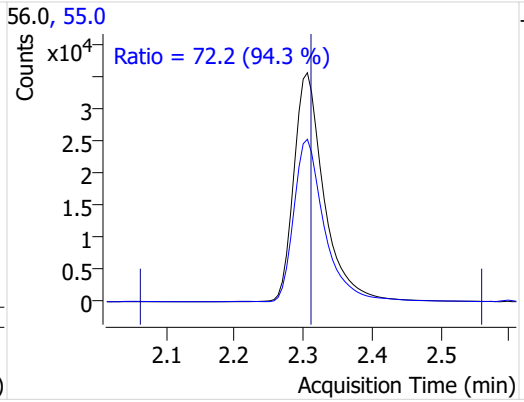


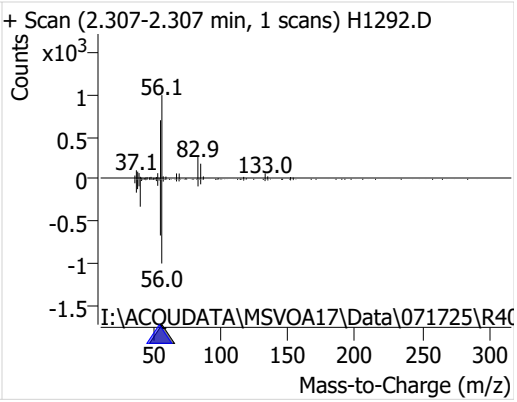




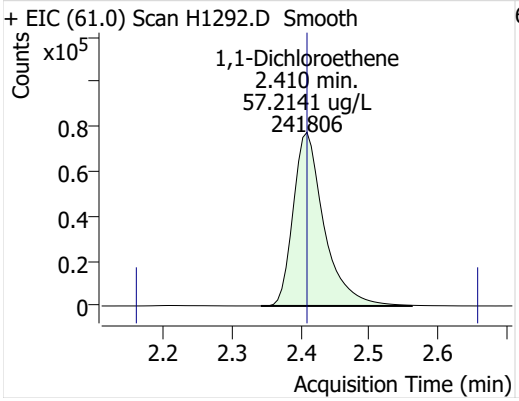
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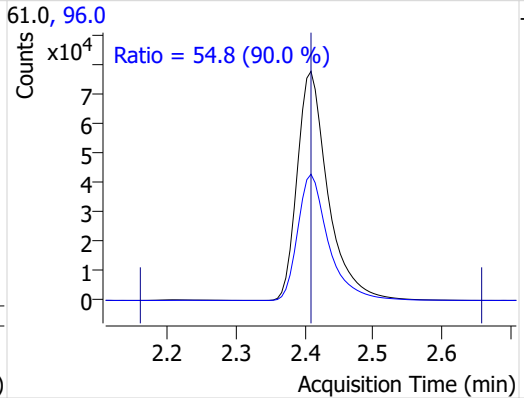


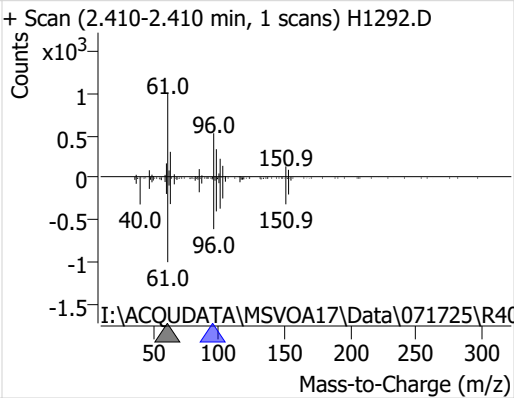




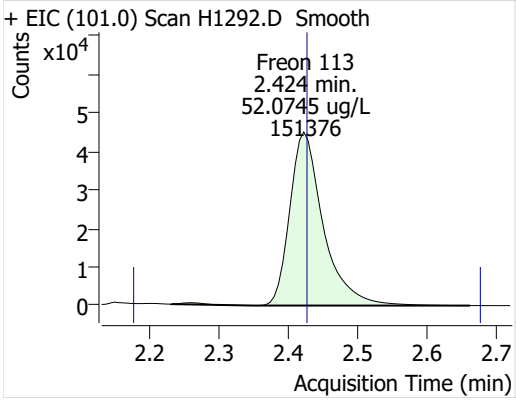
1,1-Dichloroethene

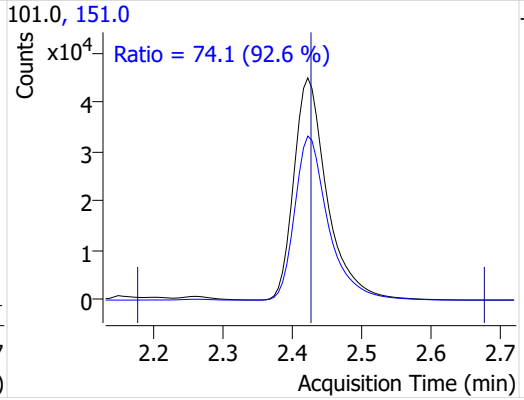


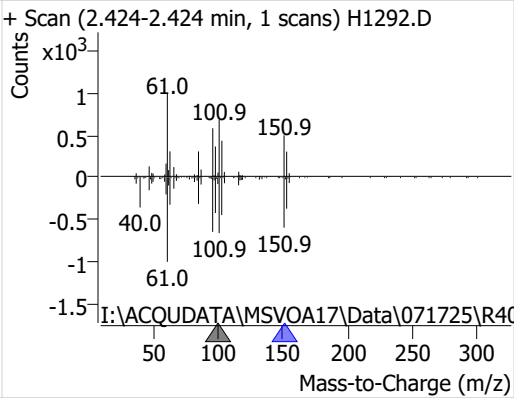




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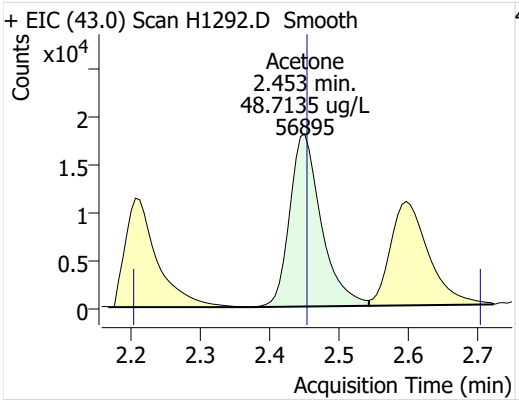


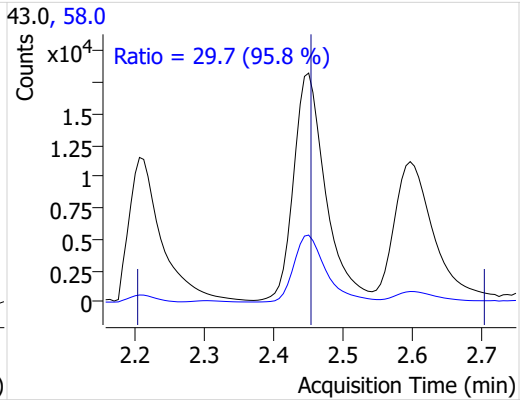


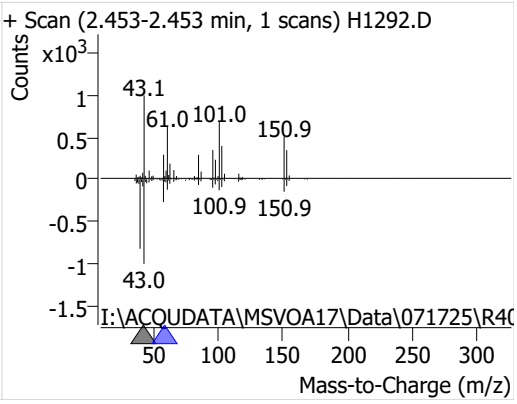


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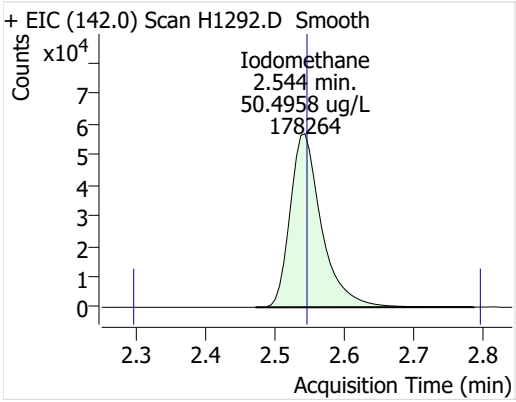
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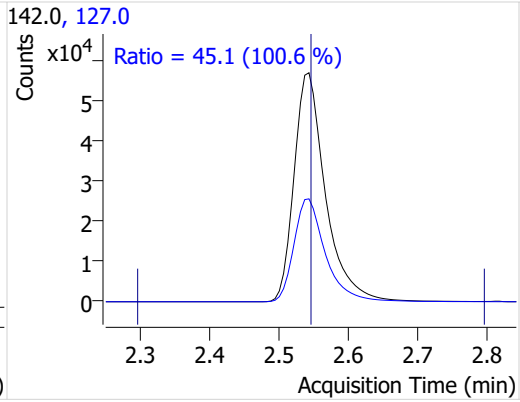


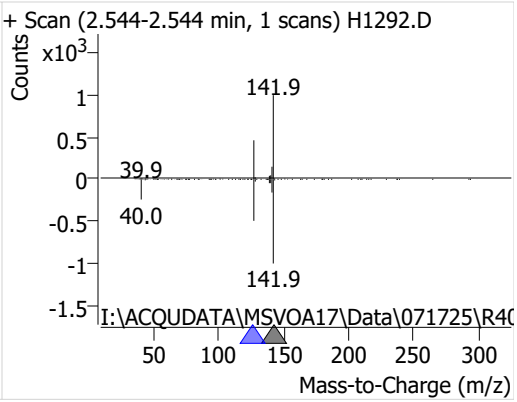




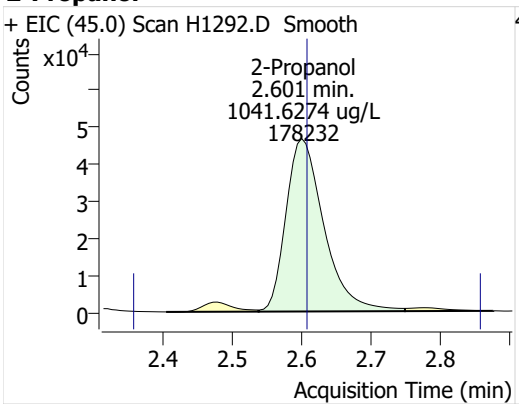
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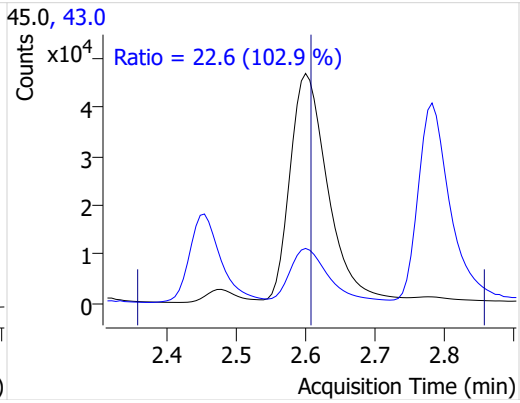


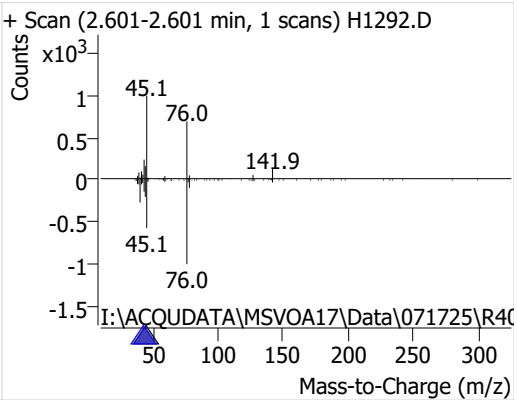




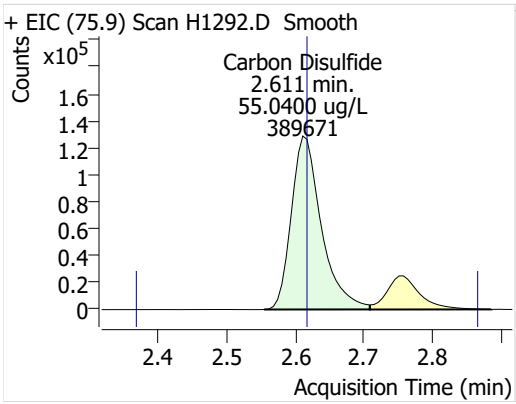
2-Propanol

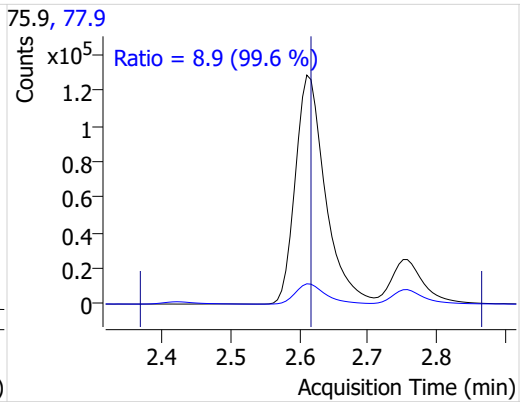


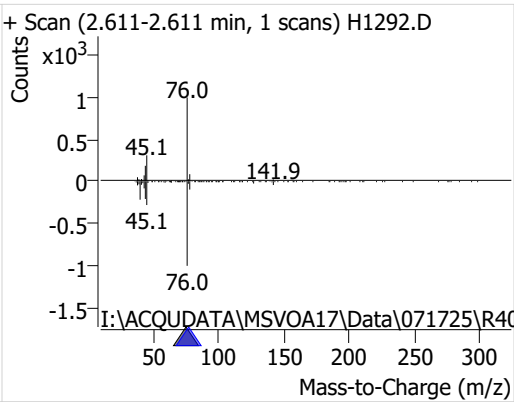




Carbon Disulfide

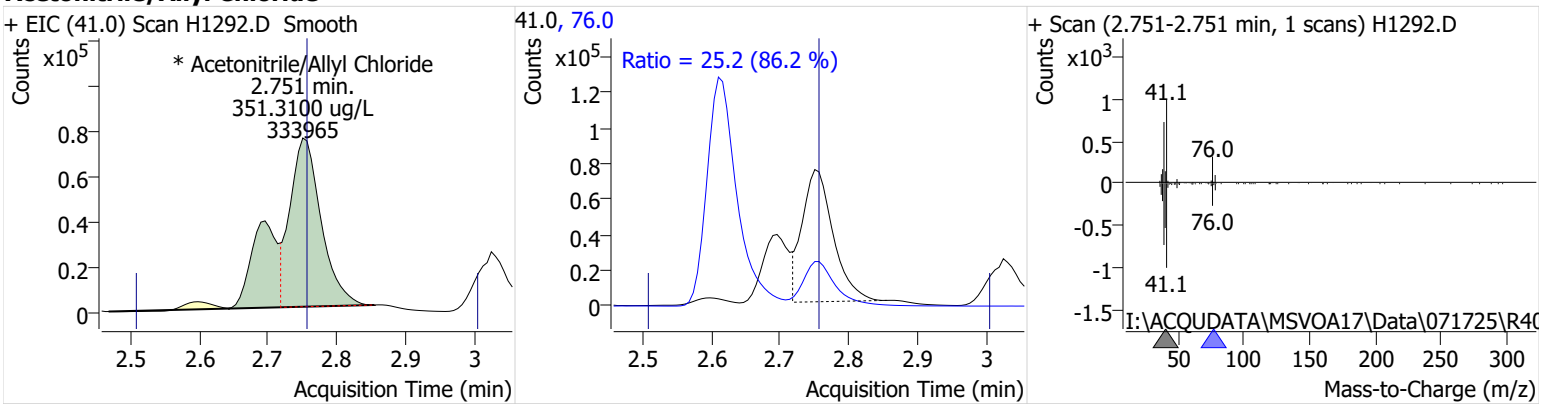




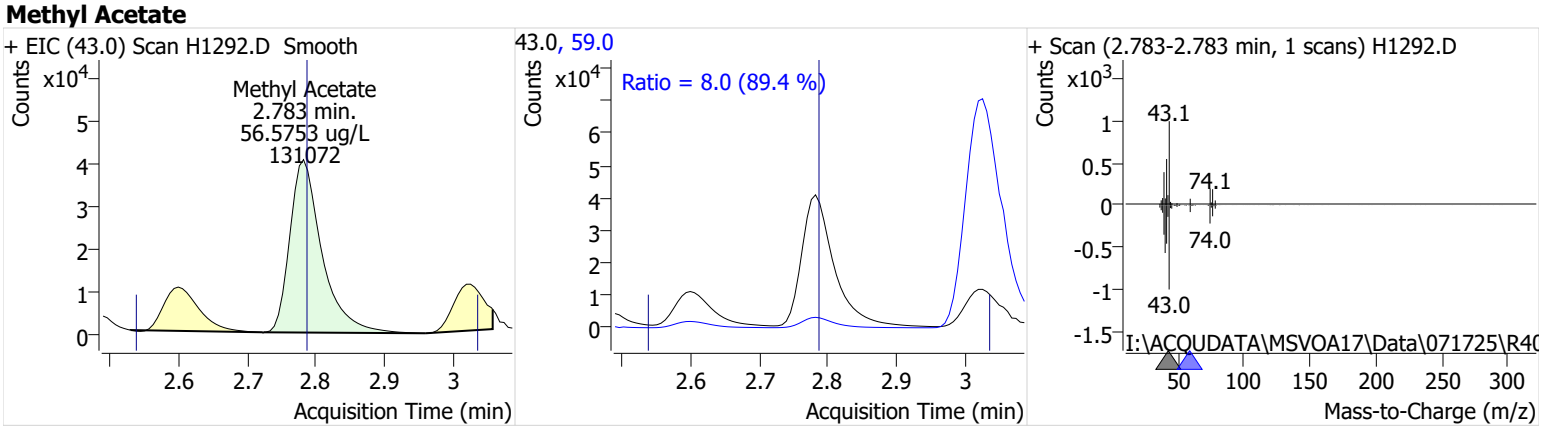


Masshunter Quantitative Analysis Sample Report

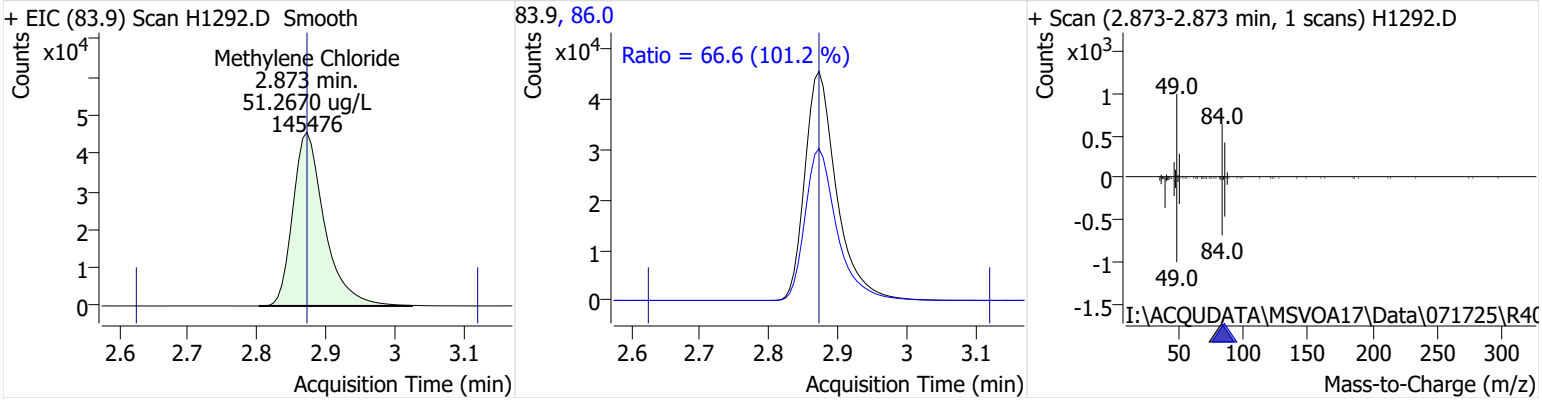
Acetonitrile/Allyl Chloride



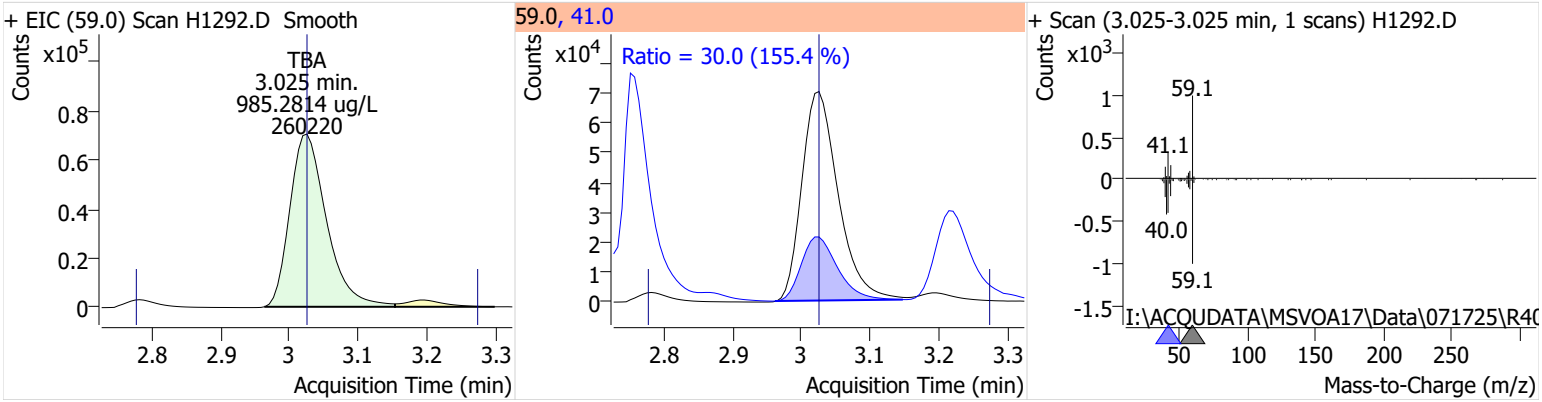
Methyl Acetate



Methylene Chloride

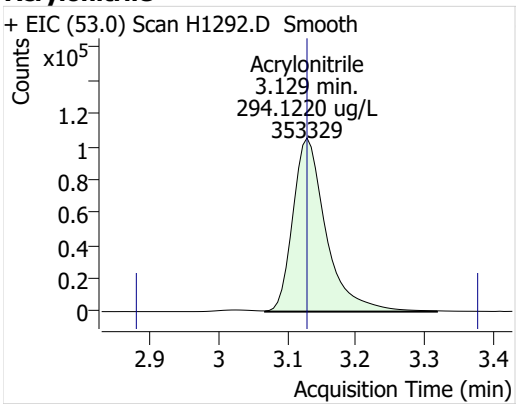


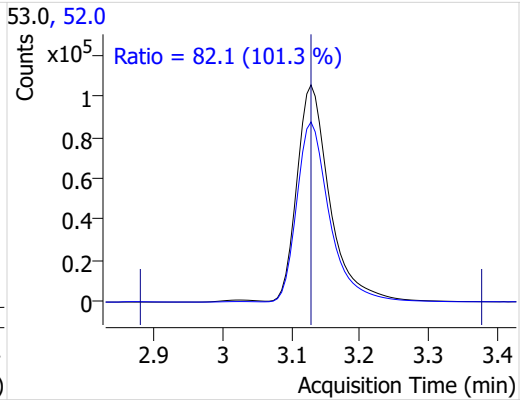
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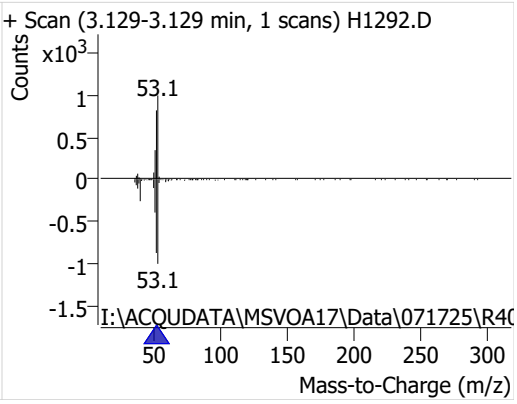


Masshunter Quantitative Analysis Sample Report

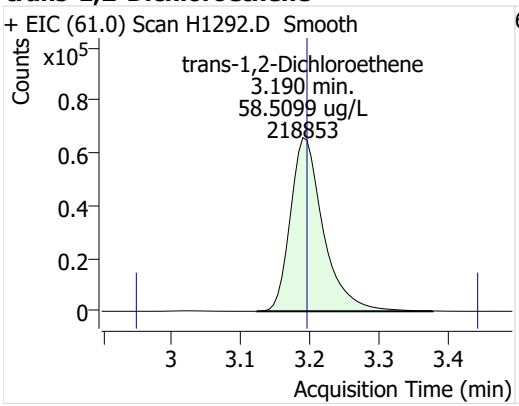
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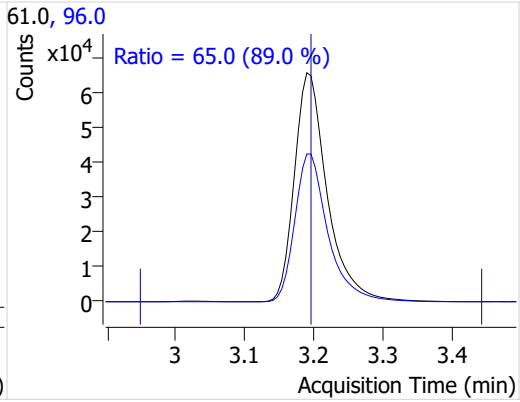


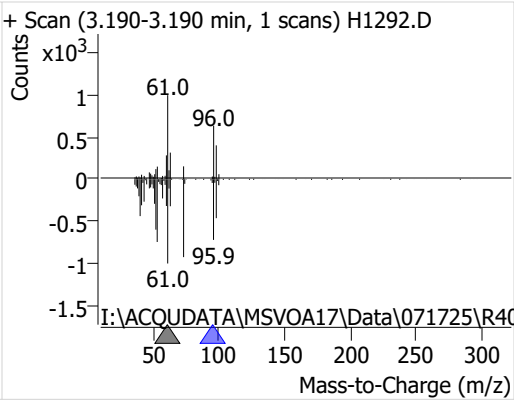




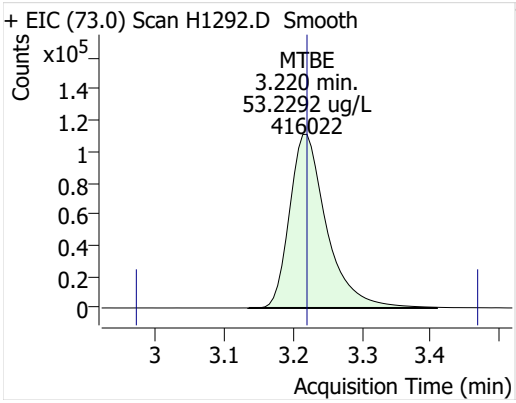
trans-1,2-Dichloroethene

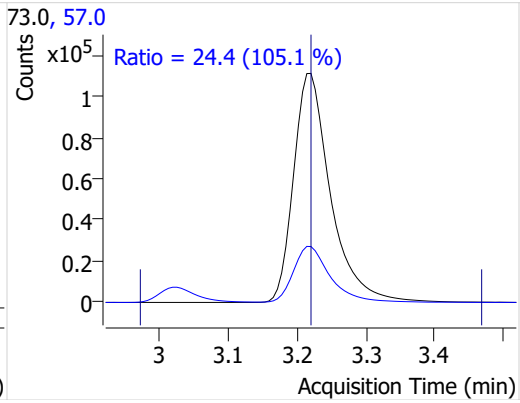


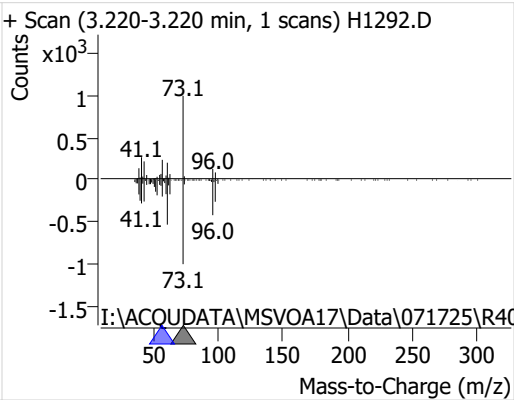




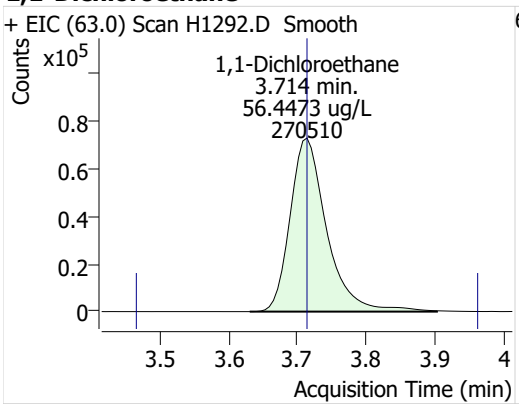
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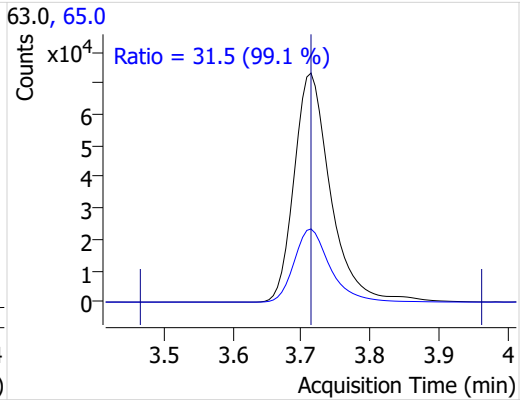


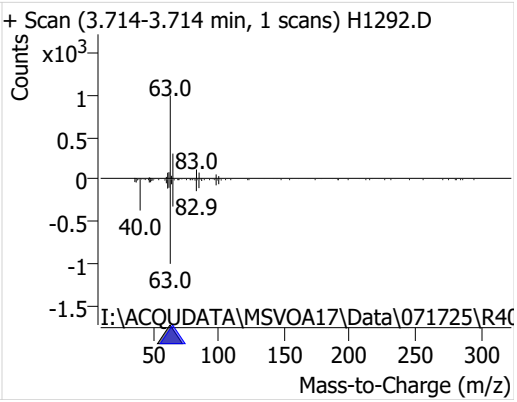




1,1-Dichloroethane

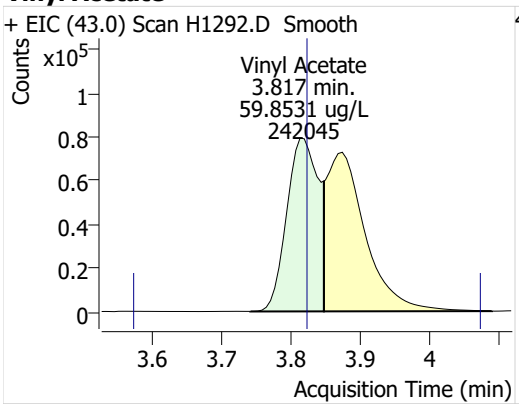


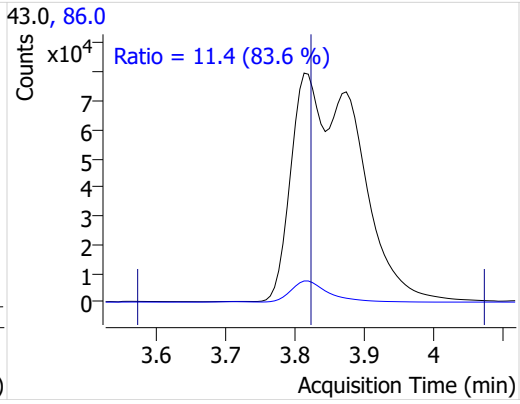


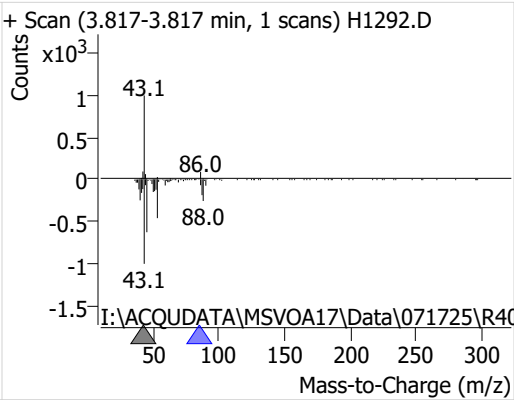


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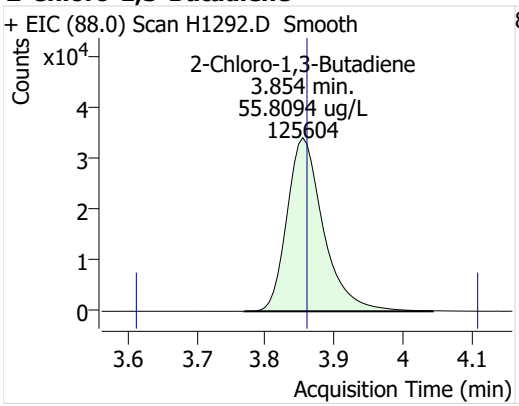
Vinyl Acetate

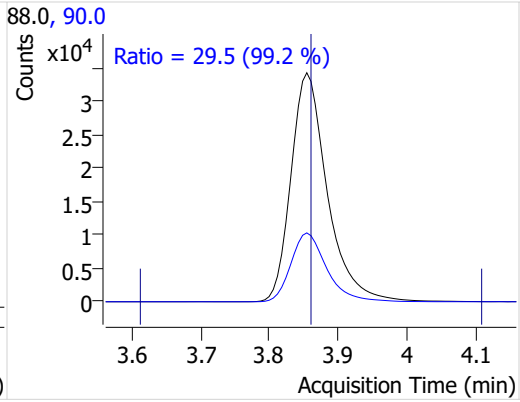


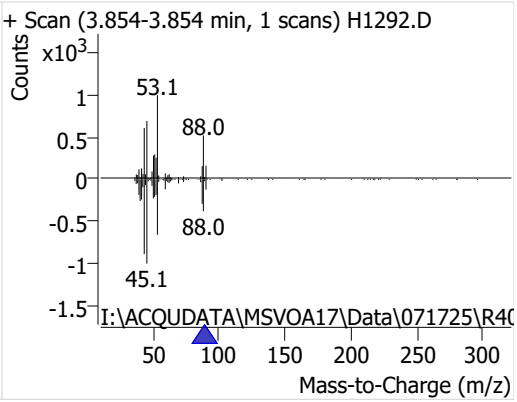




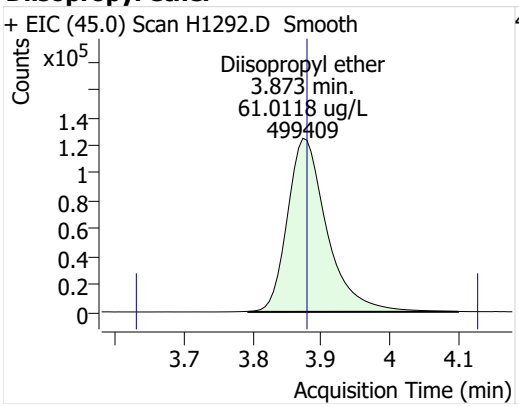
2-Chloro-1,3-Butadiene

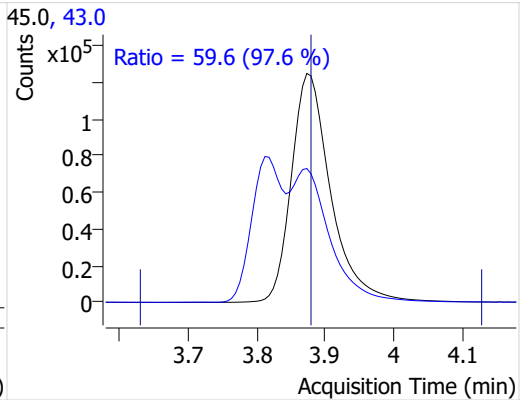


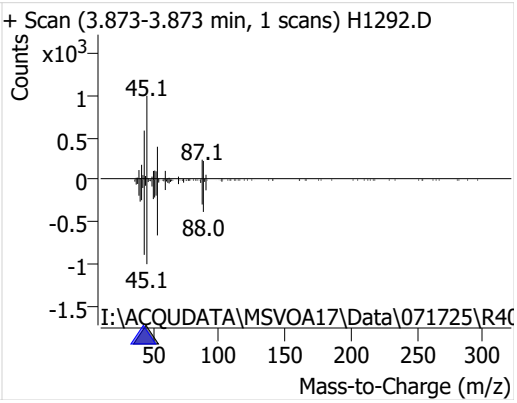




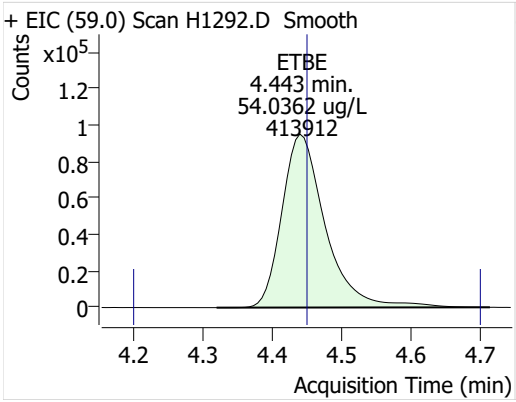
Diisopropyl ether

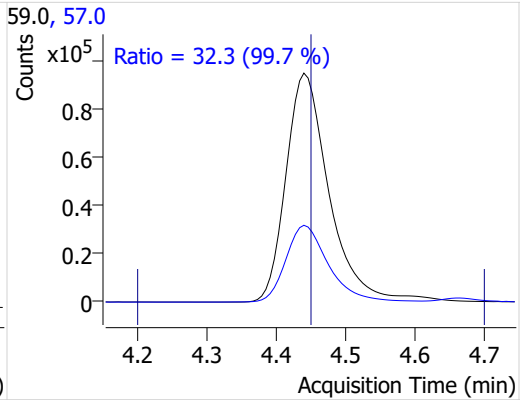


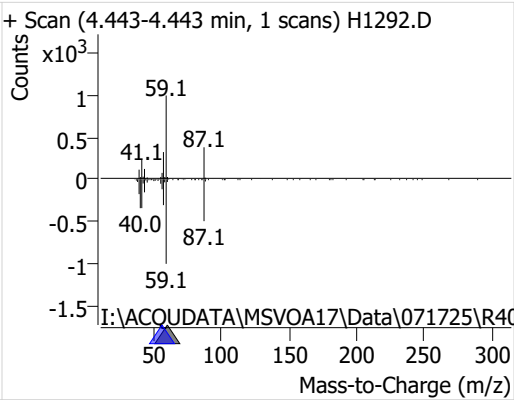




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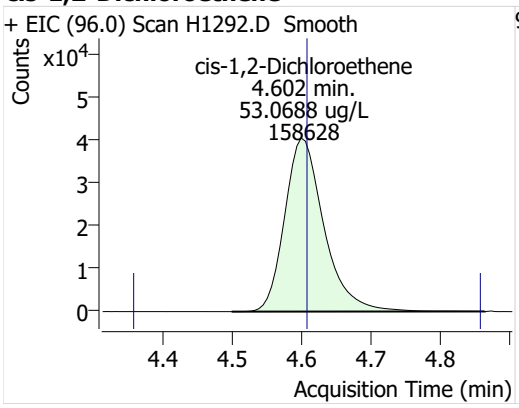


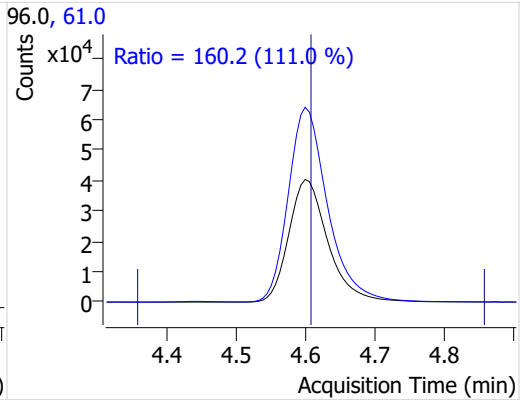


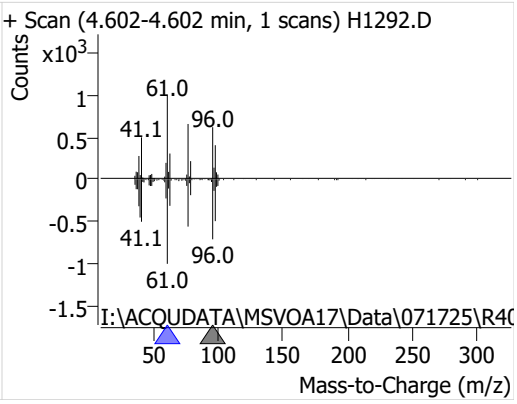


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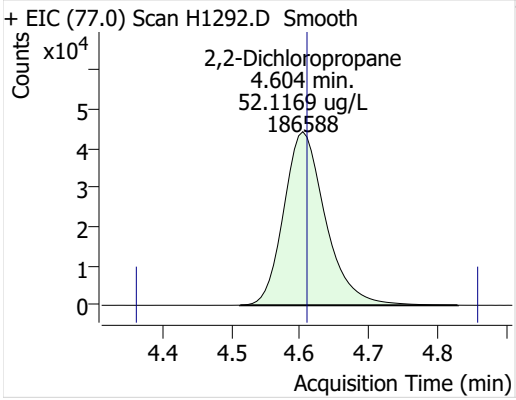
cis-1,2-Dichloroethene

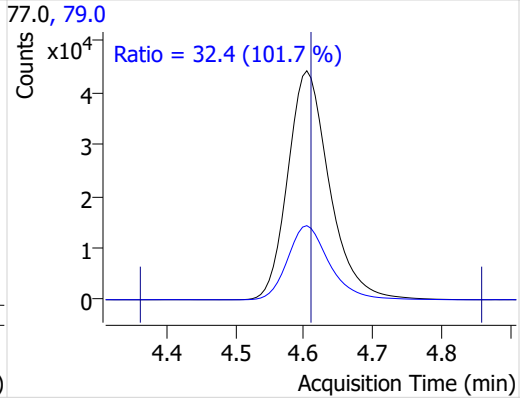


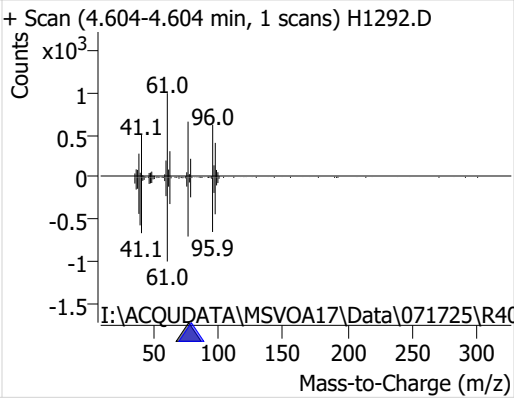




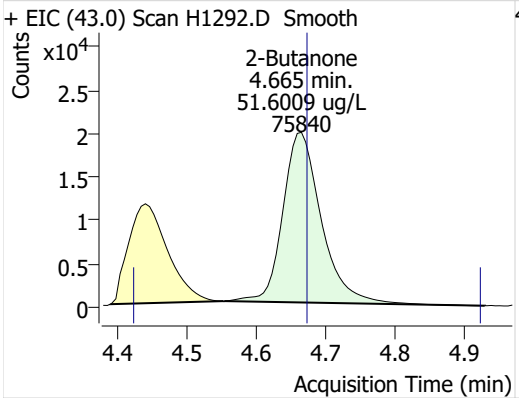
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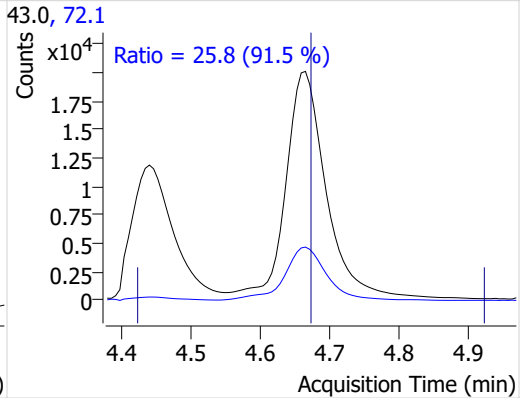


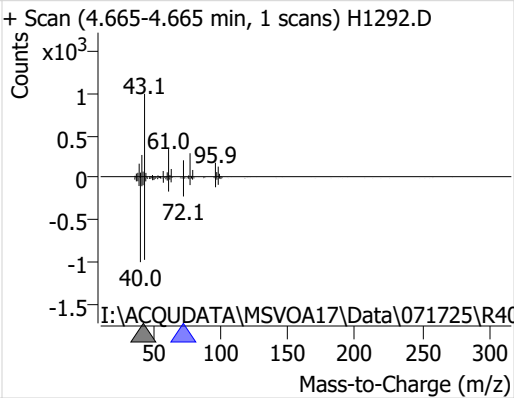




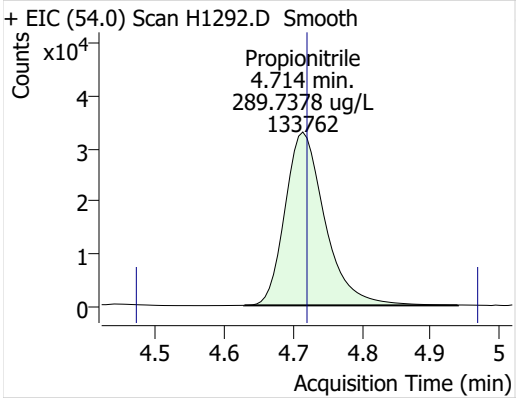
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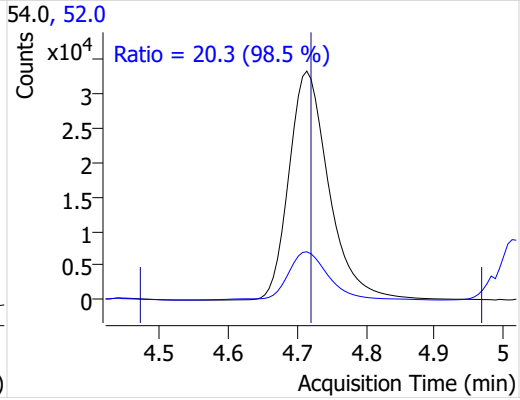


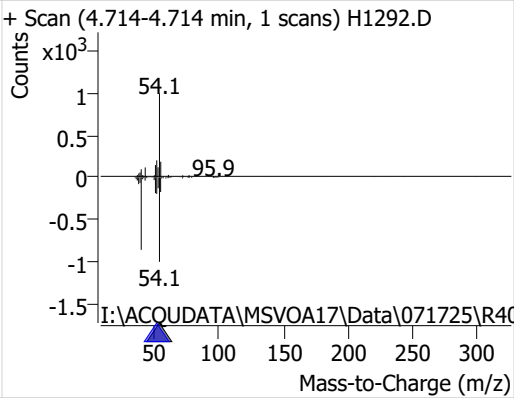




Propionitrile

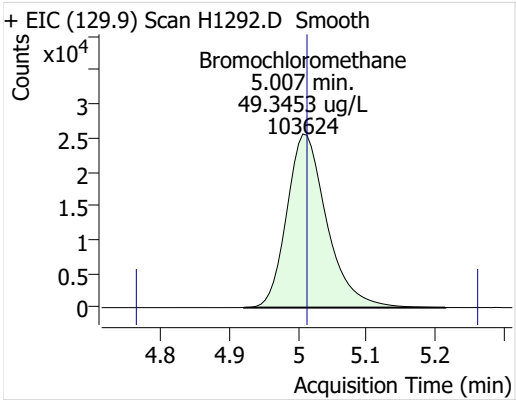


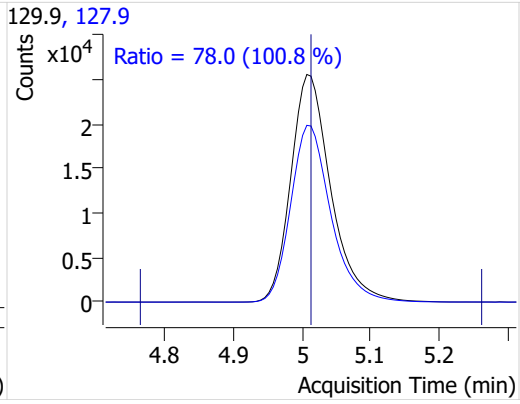


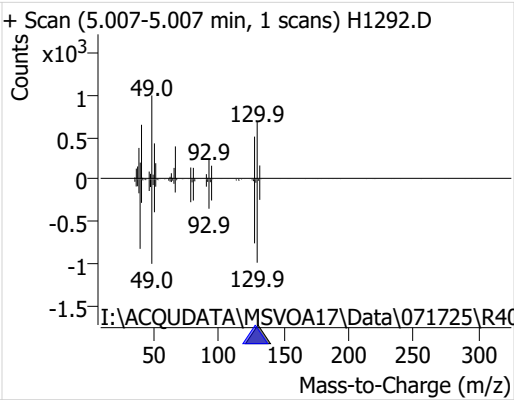


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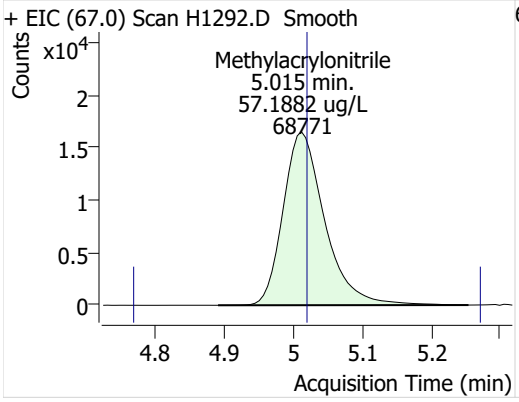
Bromochloromethane

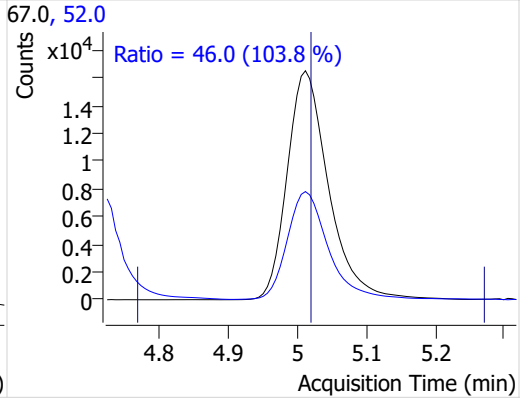


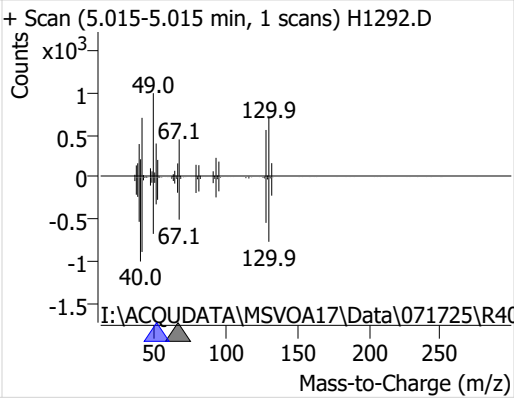




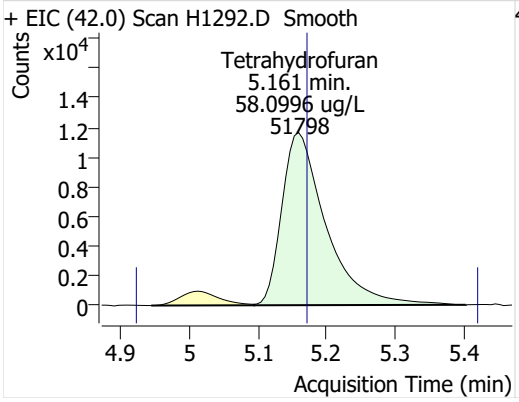
Methylacrylonitrile

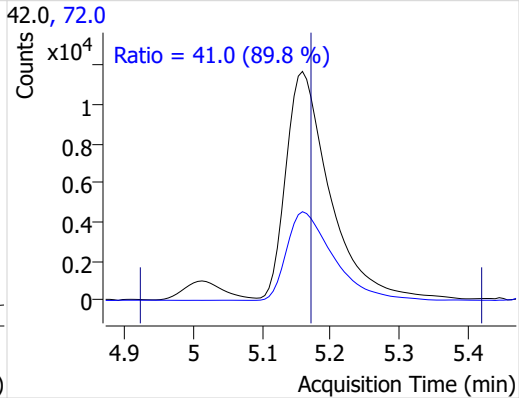


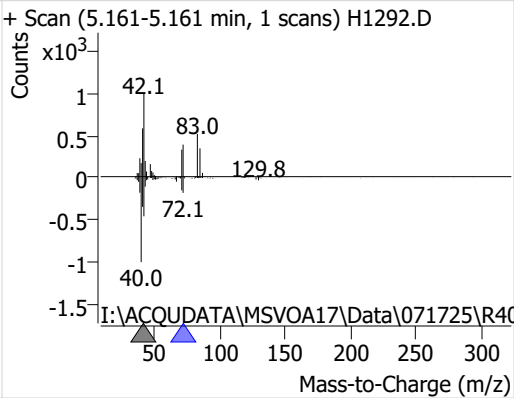




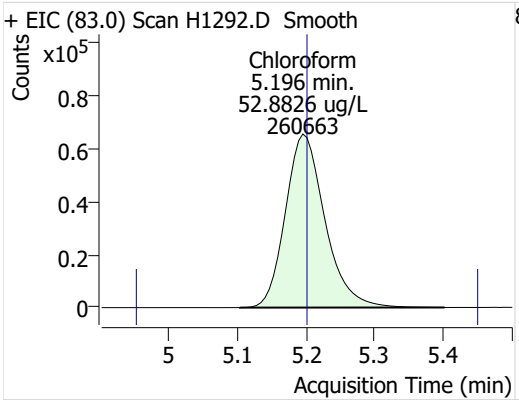
Tetrahydrofuran

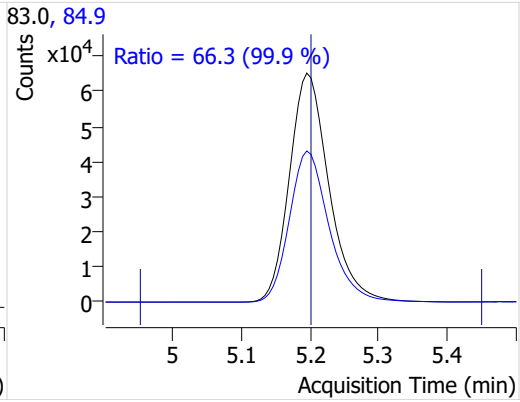


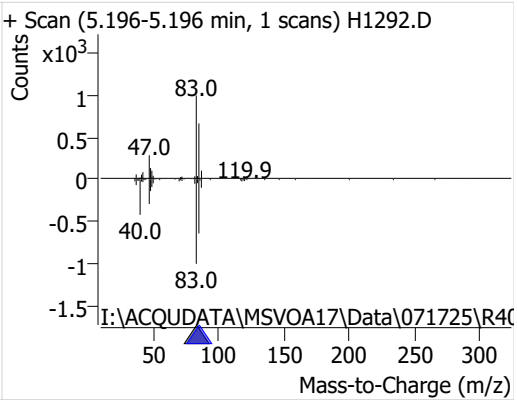




Chloroform

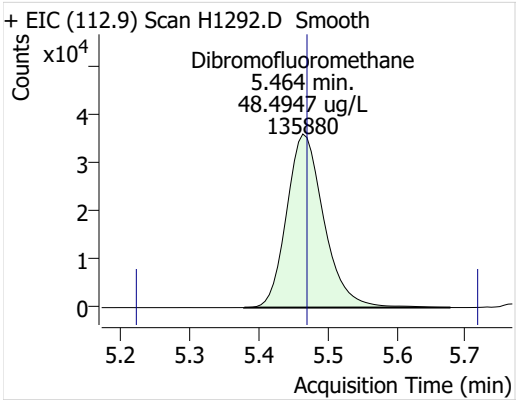


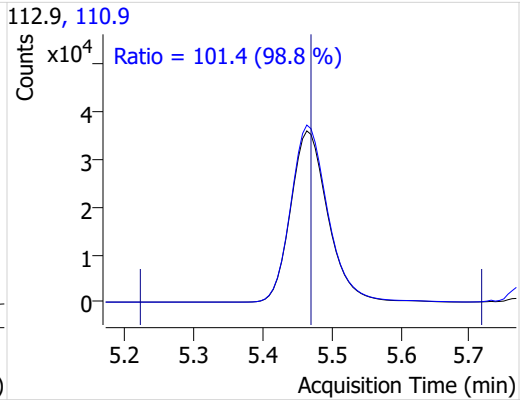


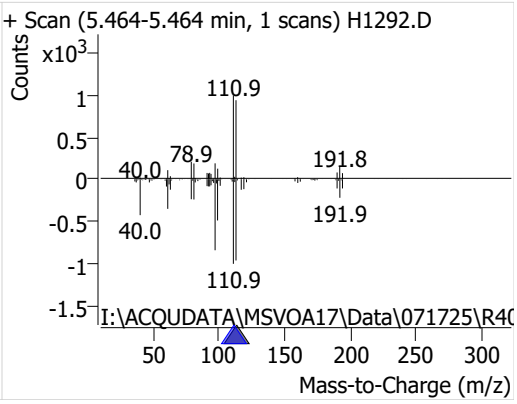


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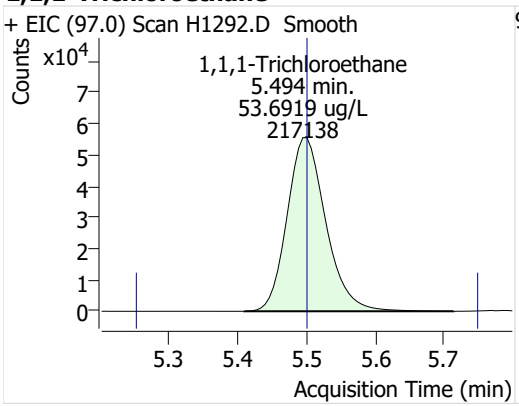
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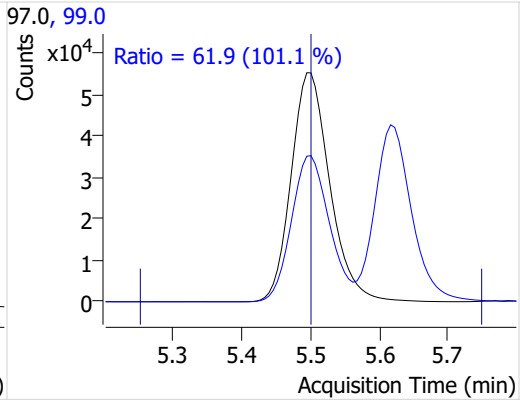


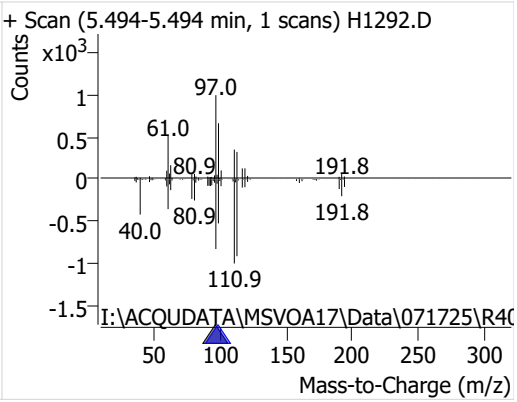




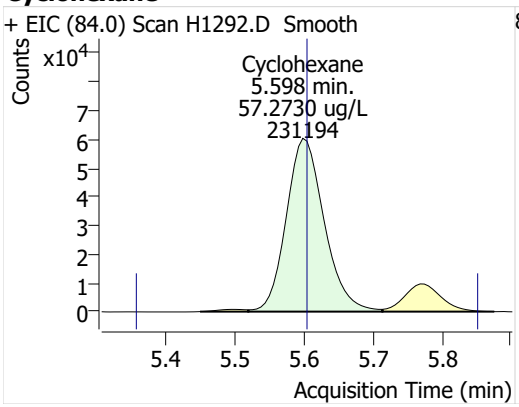
1,1,1-Trichloroethane

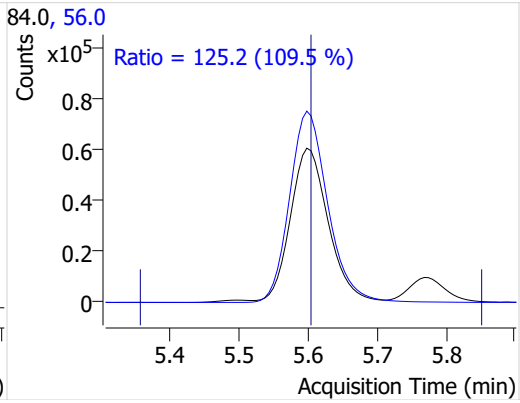


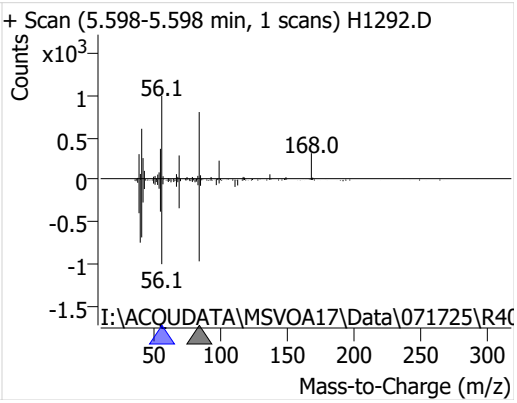




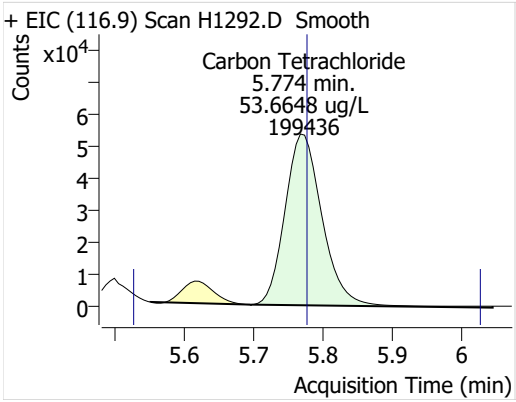
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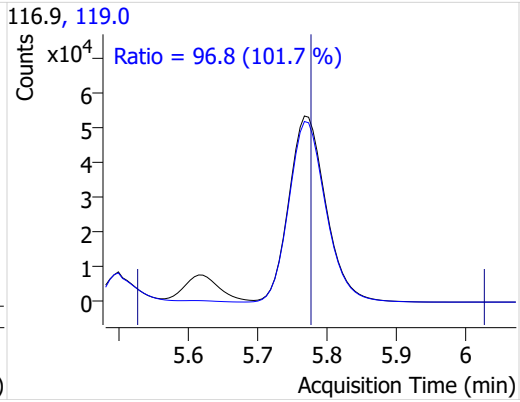


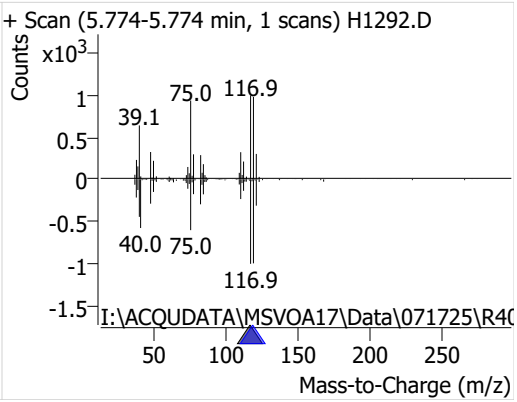




Carbon Tetrachloride

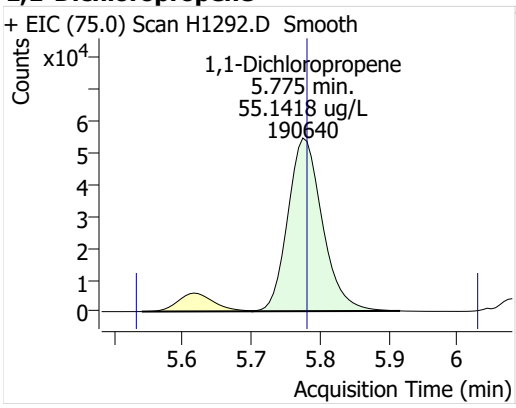


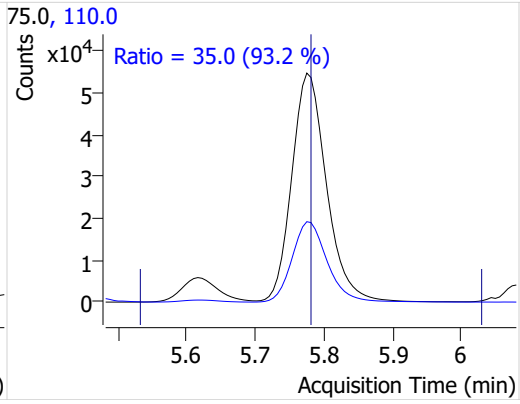


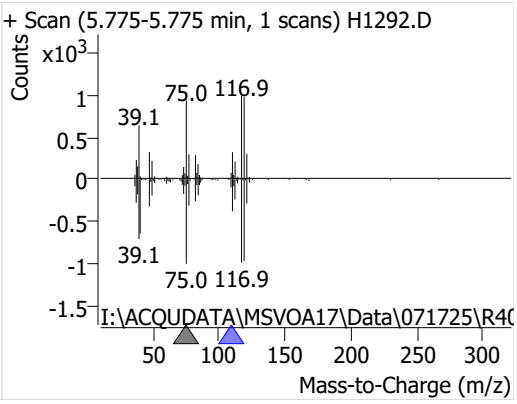


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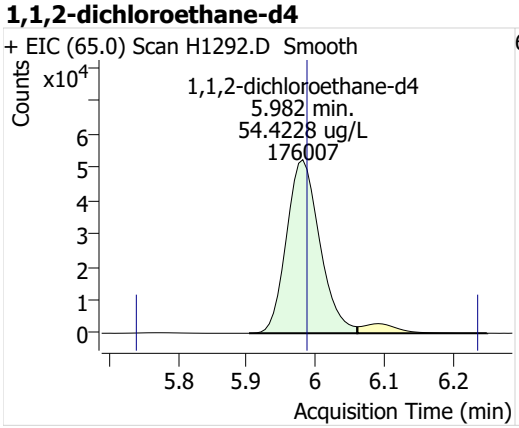
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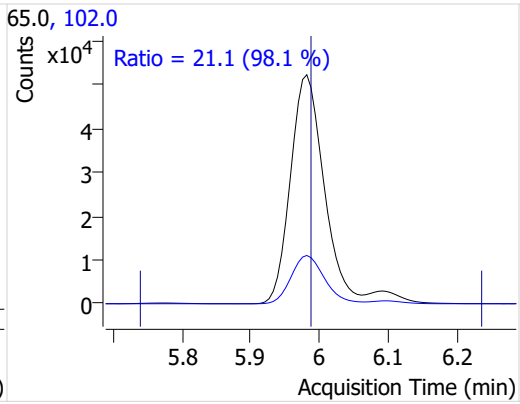


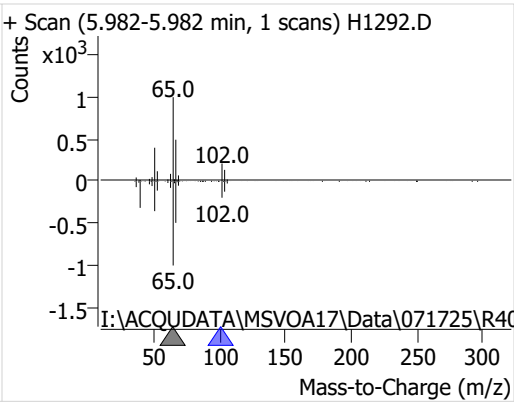




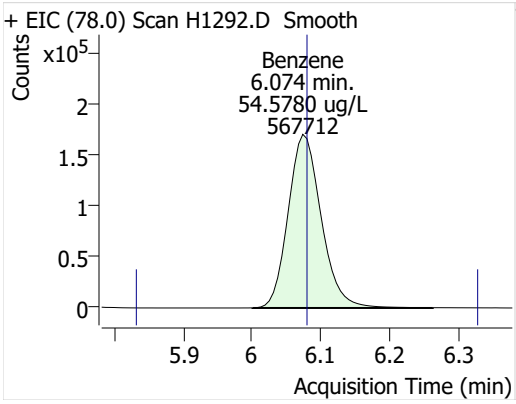
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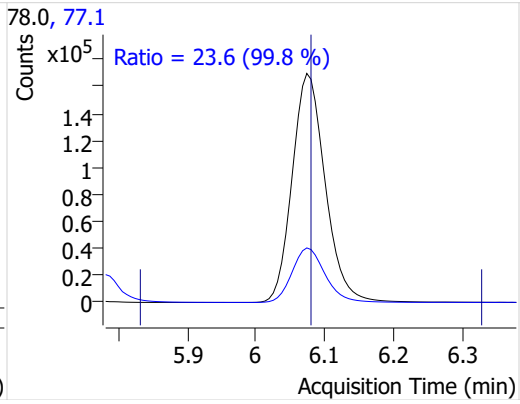


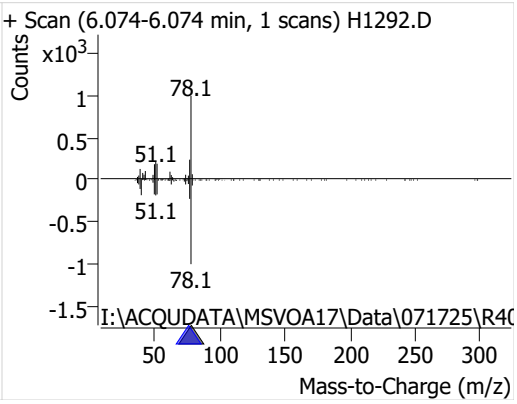




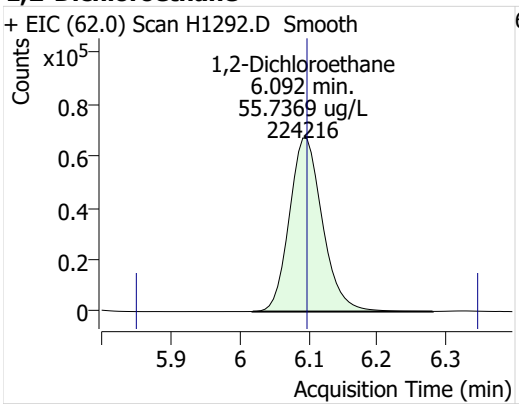
Benzene

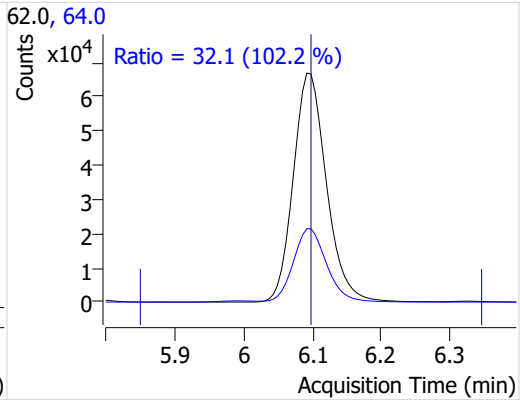


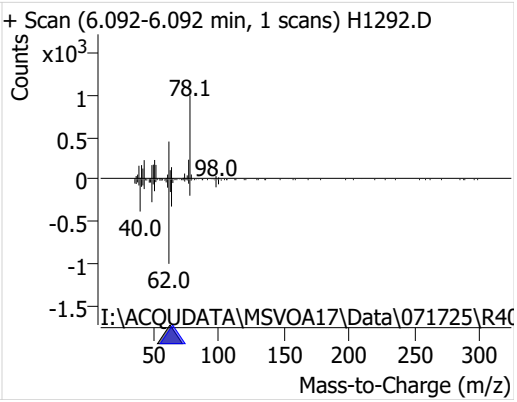




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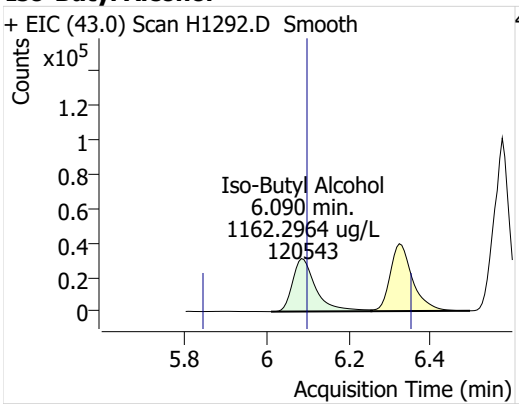


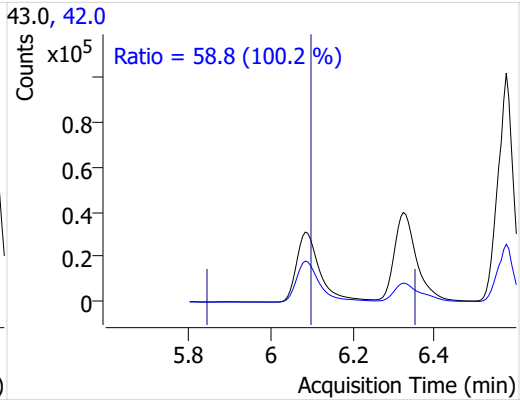


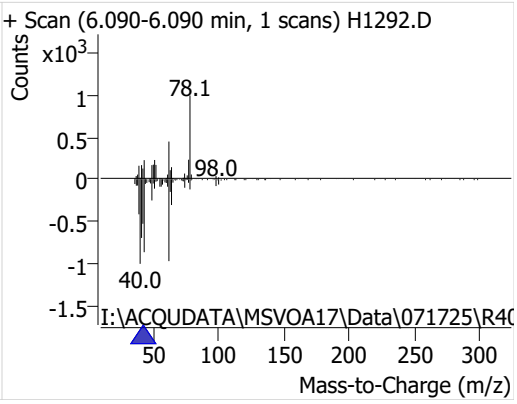


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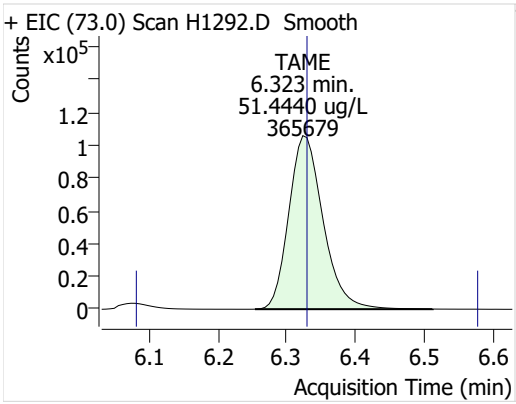
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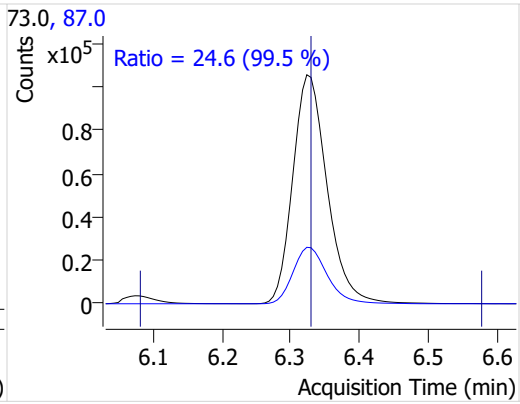


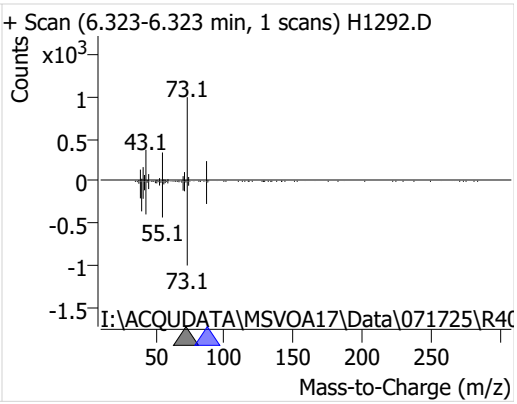




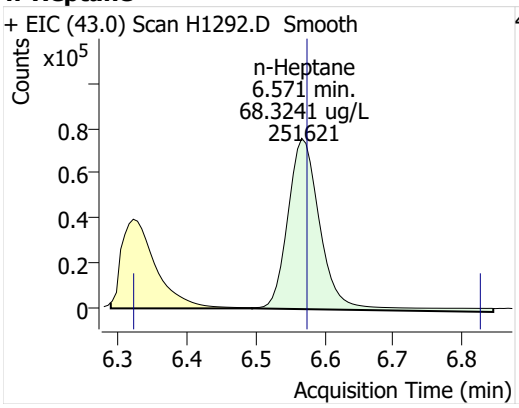
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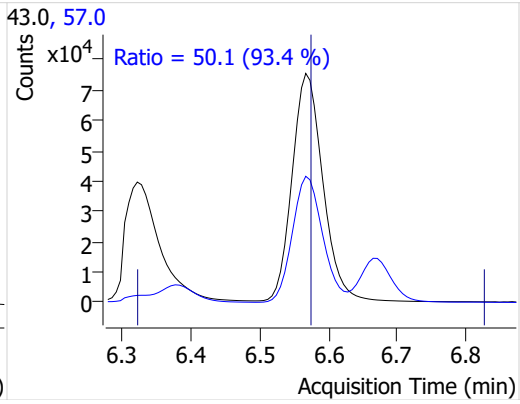


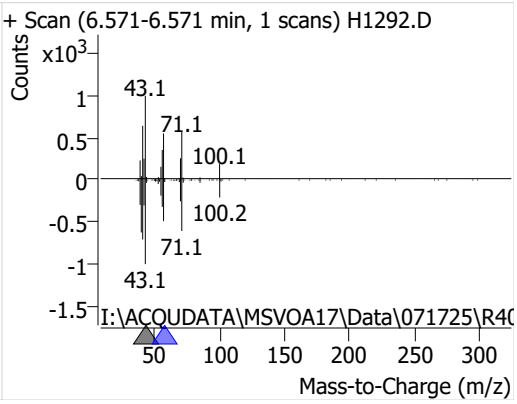




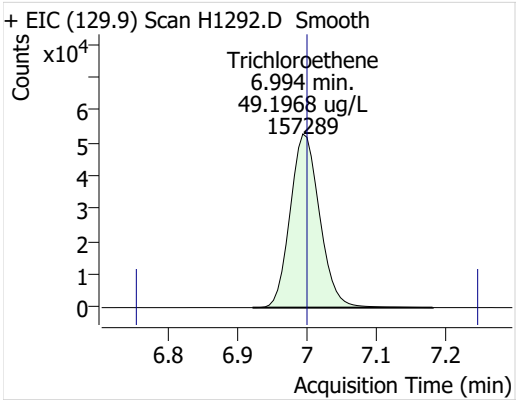
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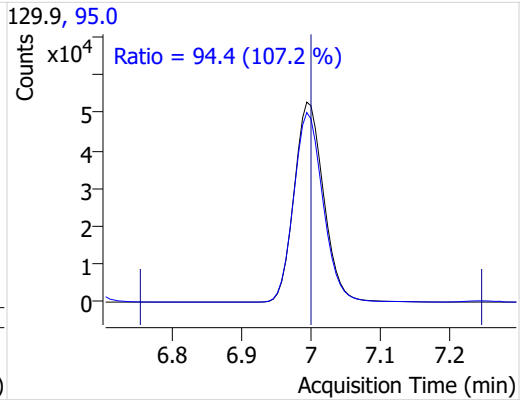


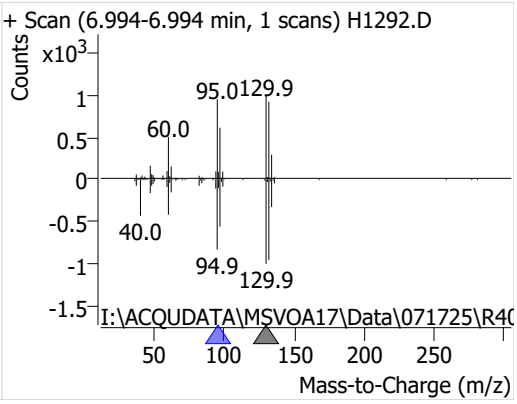




Trichloroethene

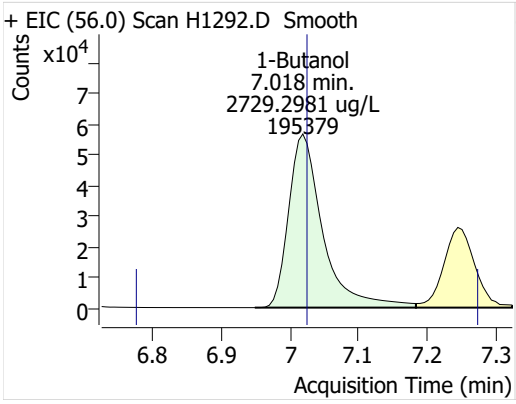


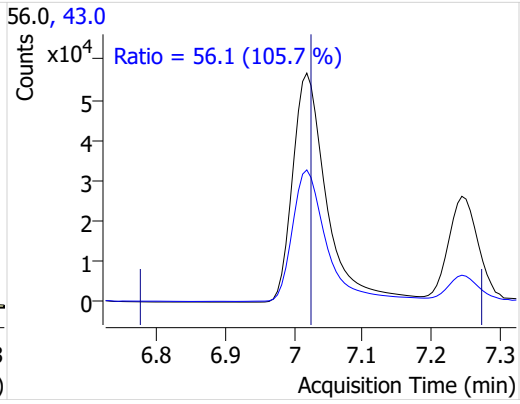


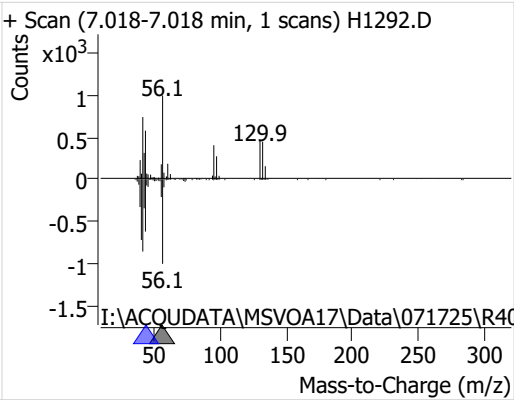


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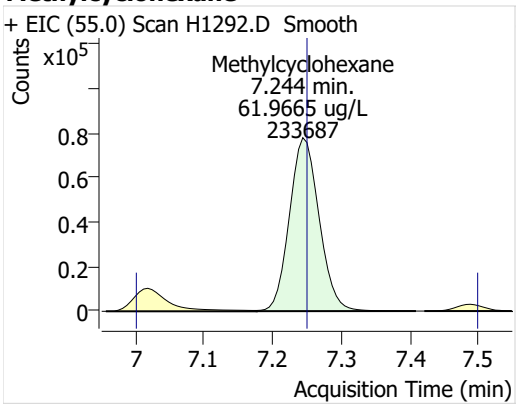
1-Butanol

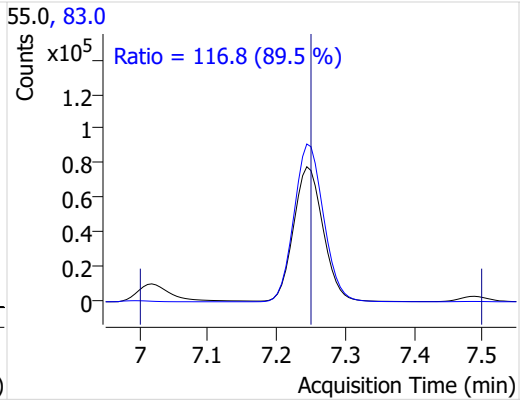


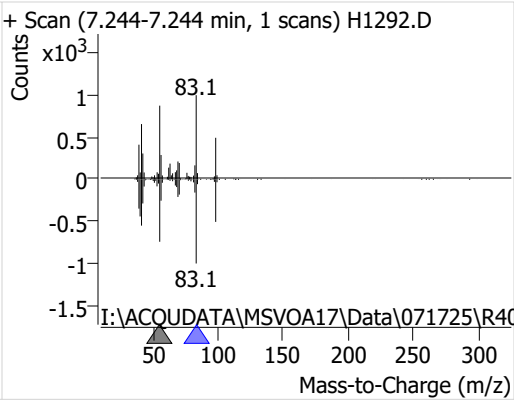




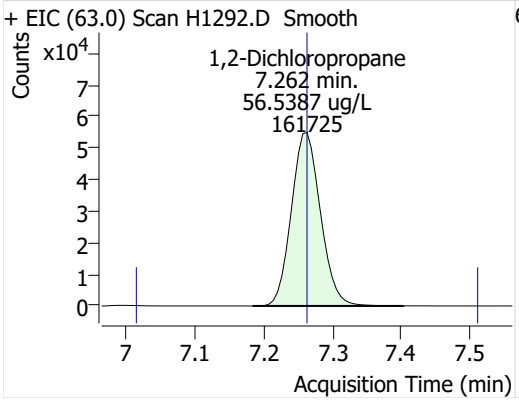
Methylcyclohexane

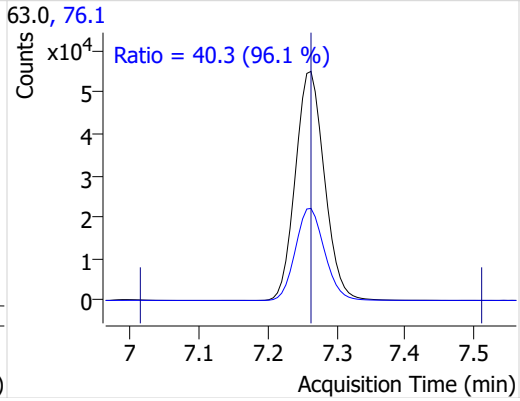


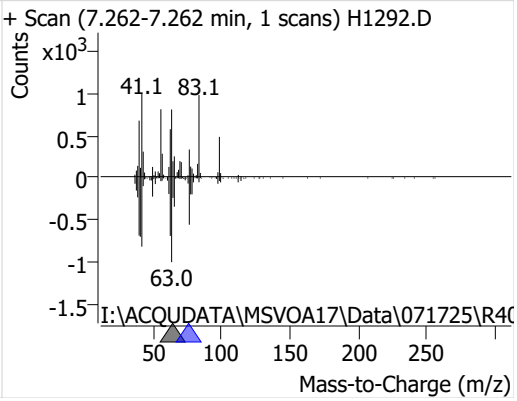




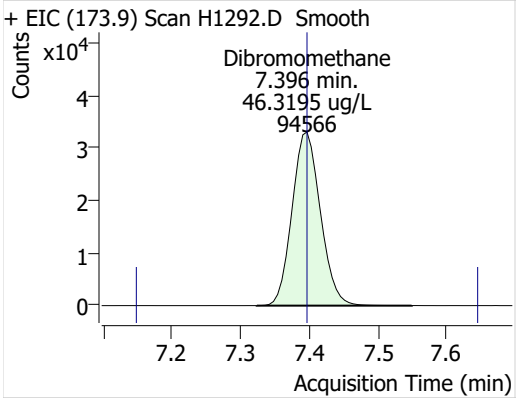
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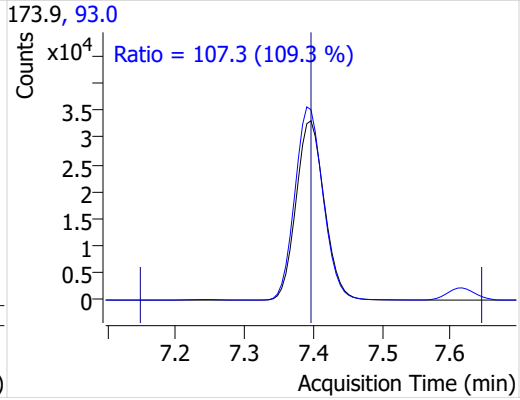


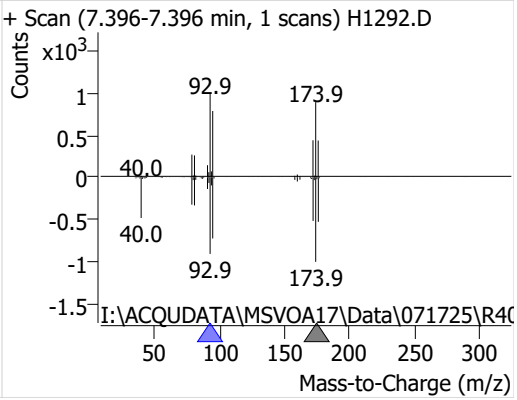




Dibromomethane

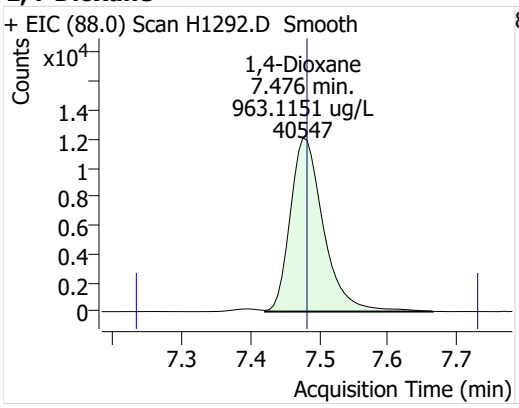


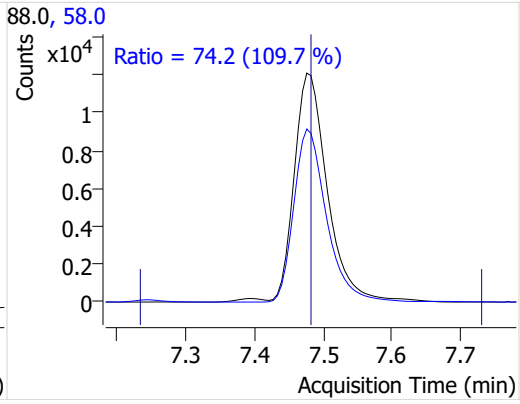


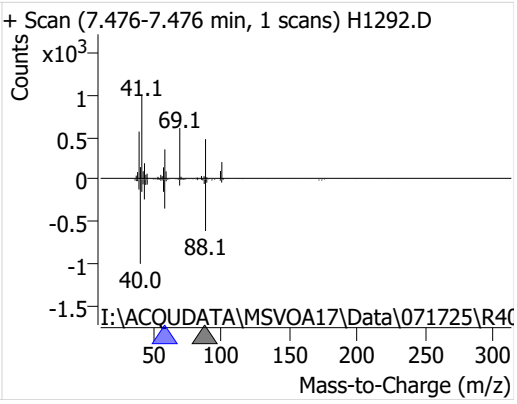


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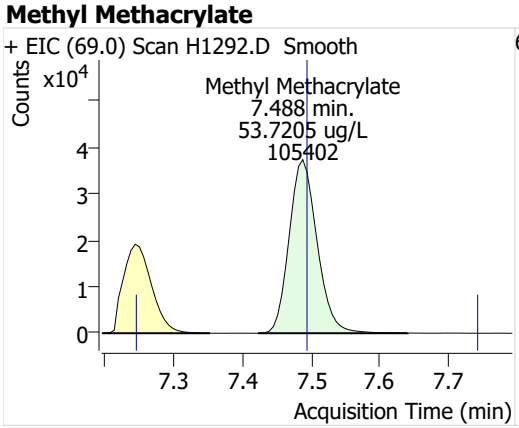
1,4-Dioxane

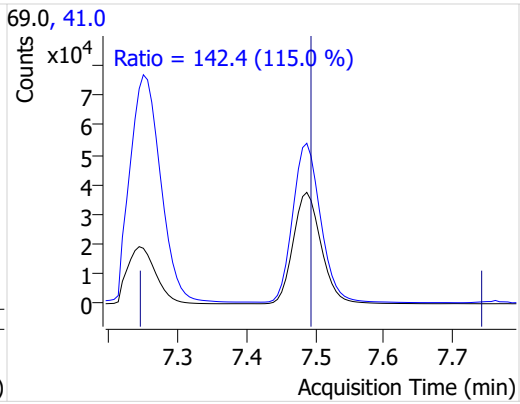


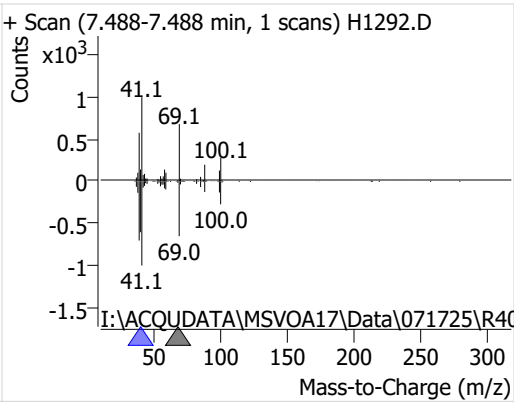




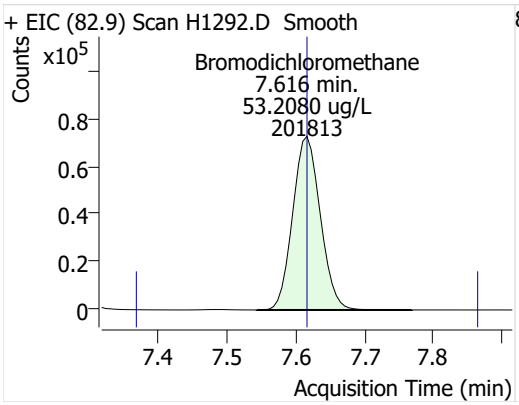
Methyl Methacrylate

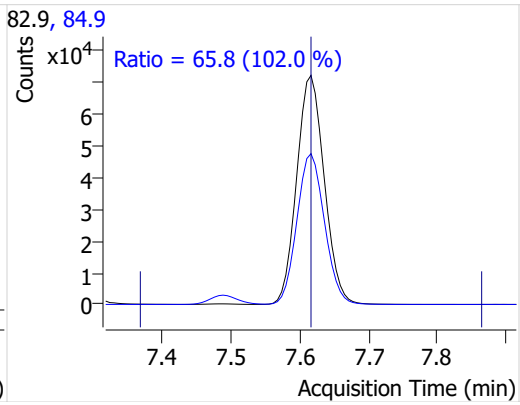


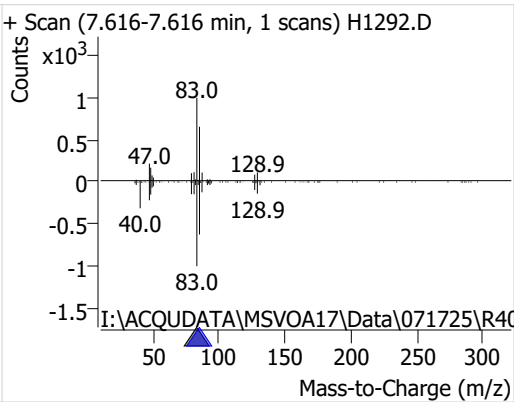




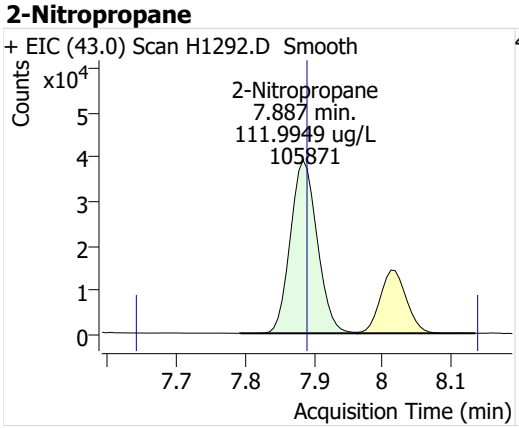
Bromodichloromethane

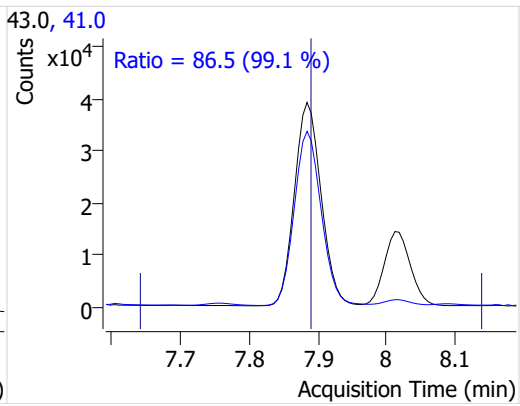


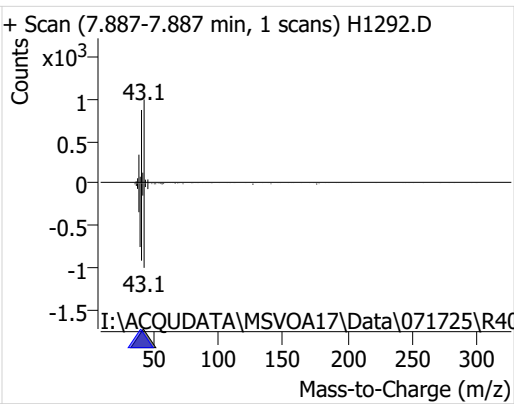




2-Nitropropane

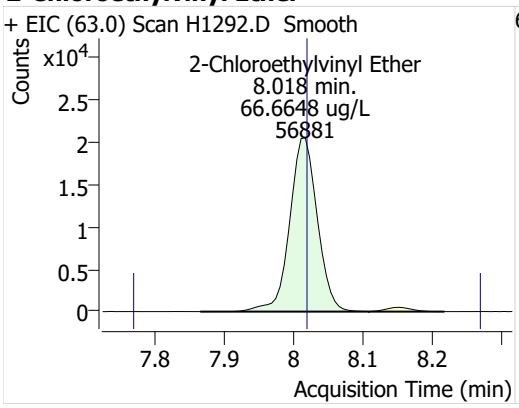


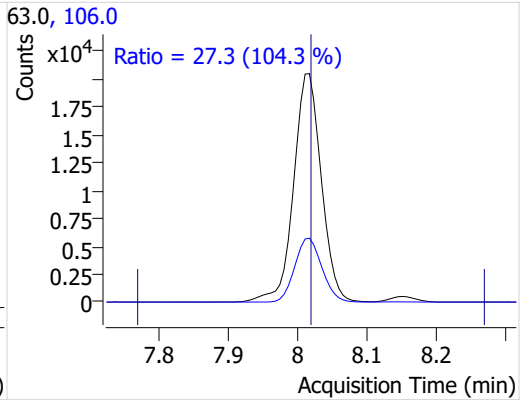


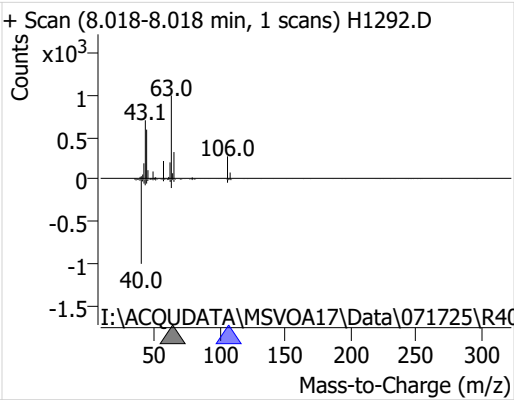


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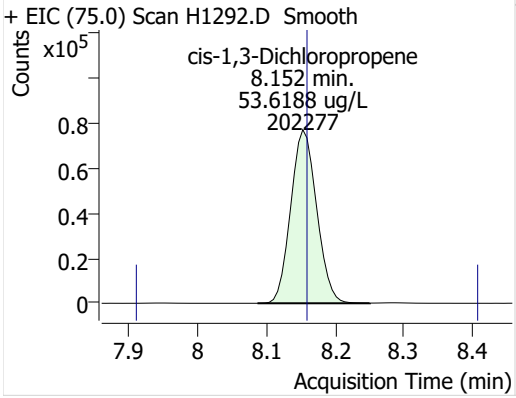
2-Chloroethylvinyl Ether

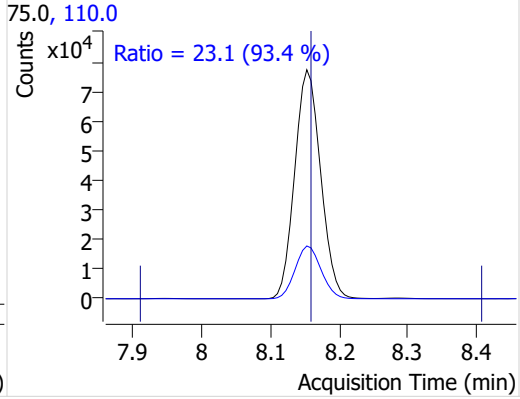


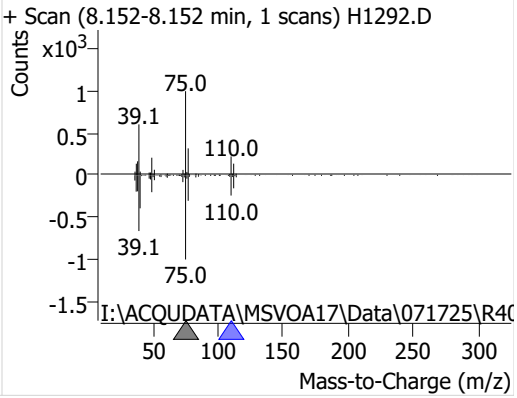




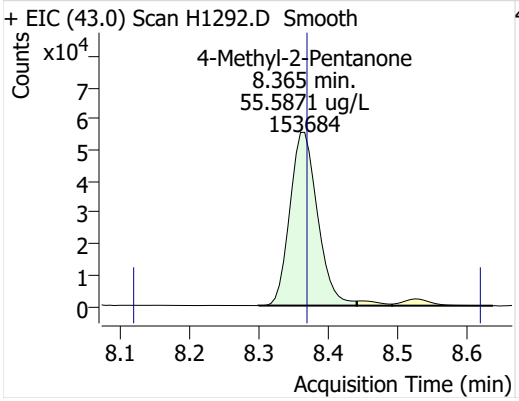
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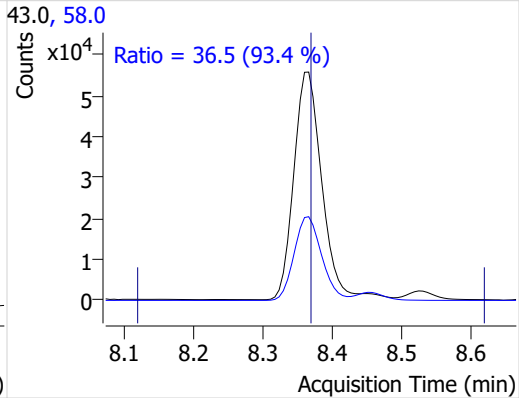


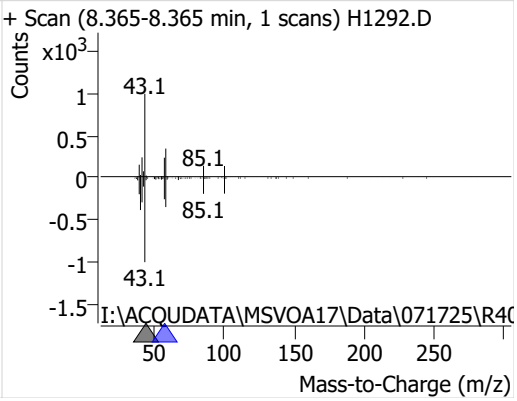




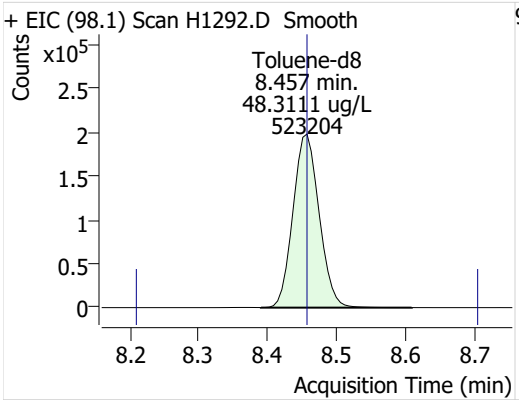
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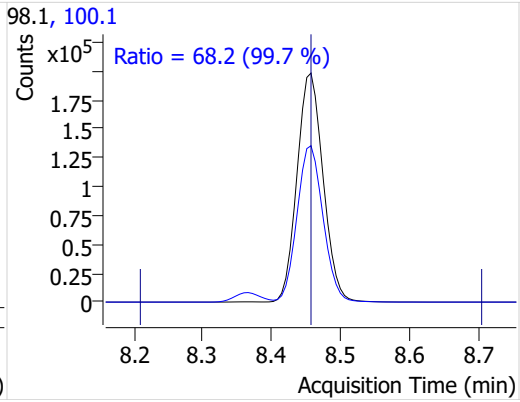


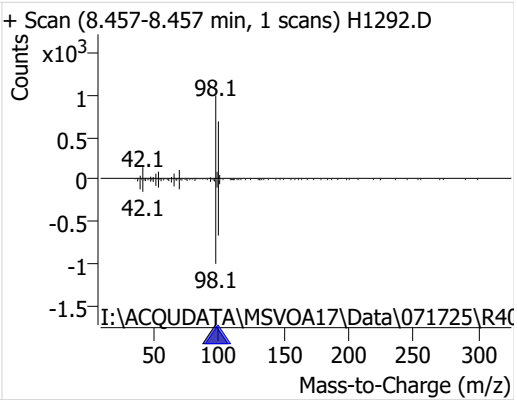




Toluene-d8

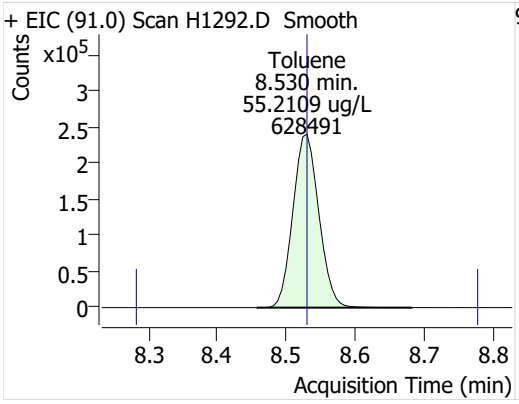


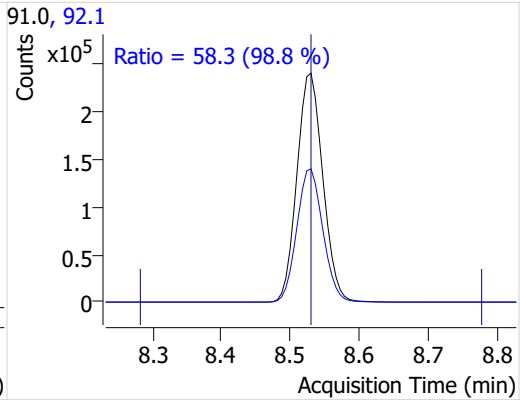


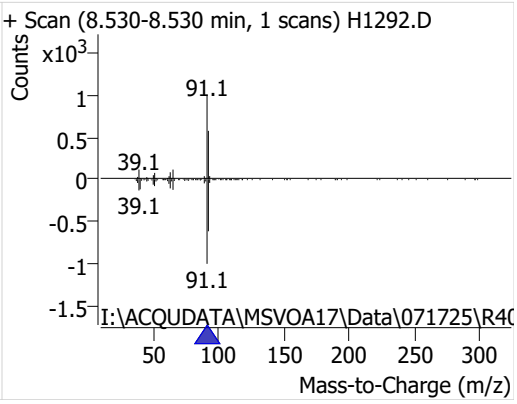


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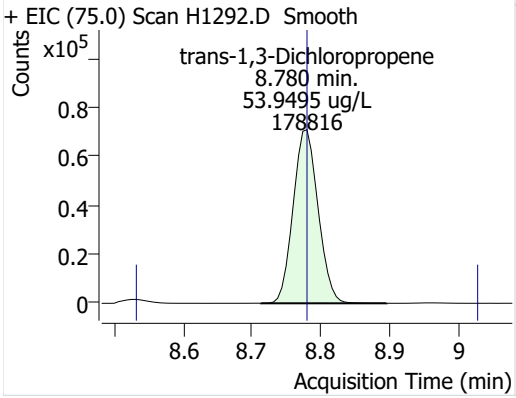
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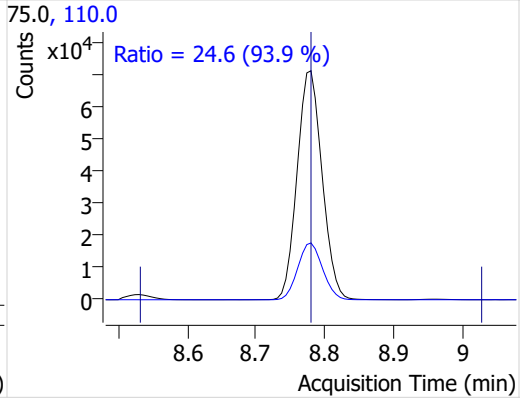


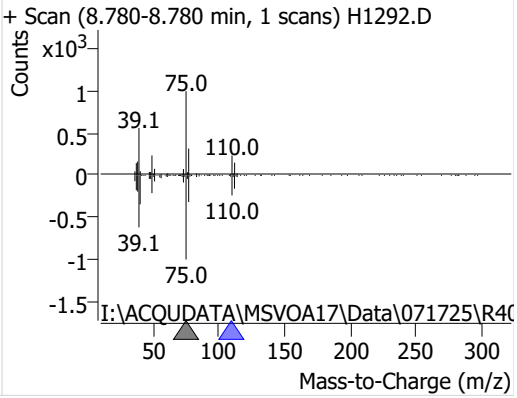




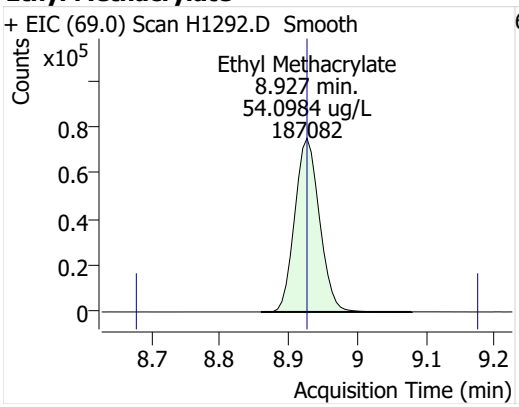
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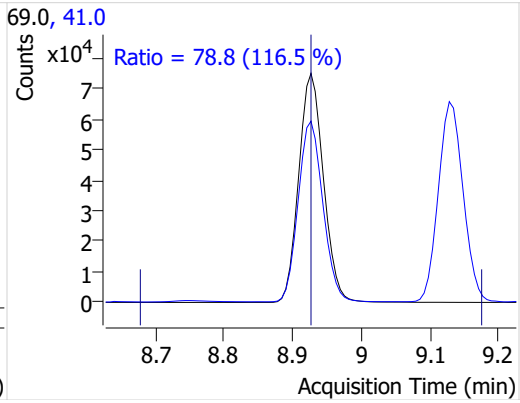


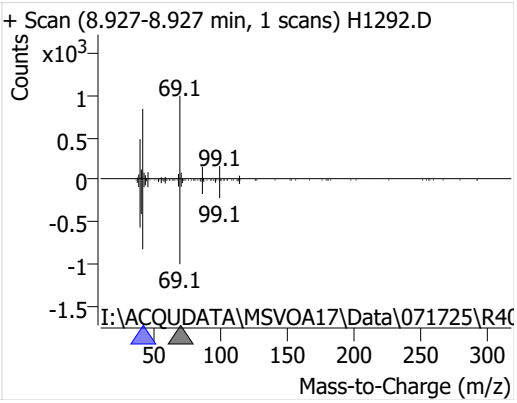




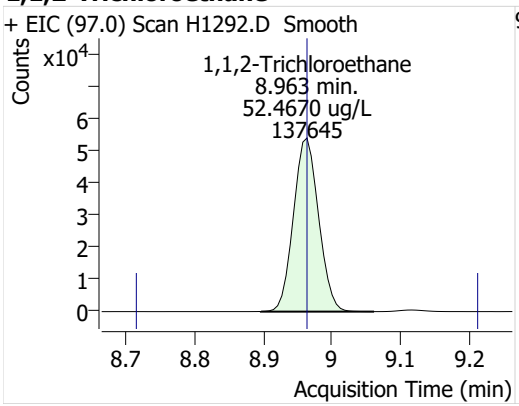
Ethyl Methacrylate

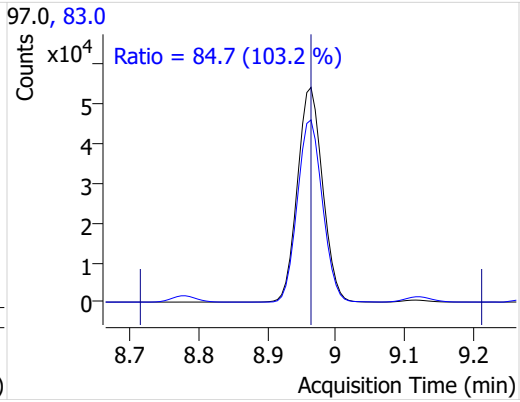


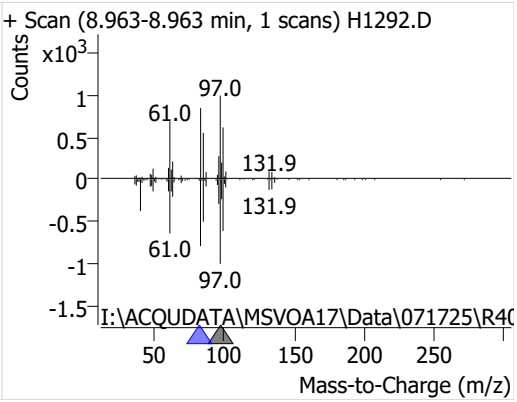




1,1,2-Trichloroethane

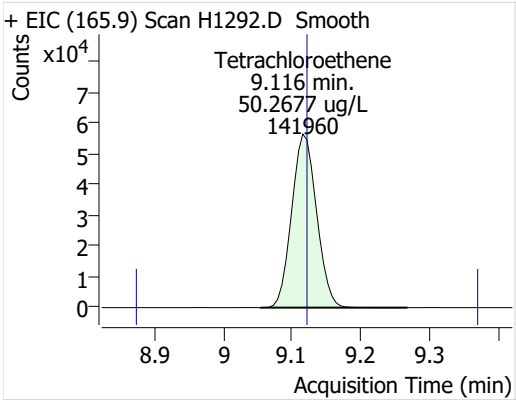


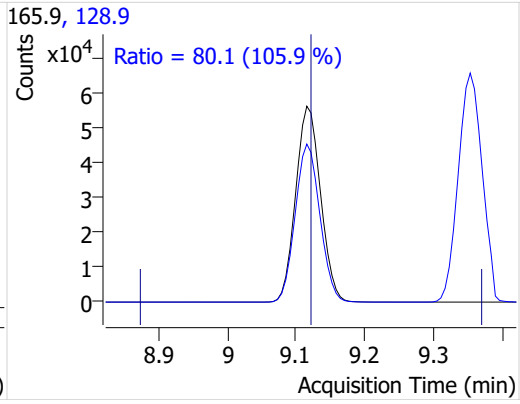


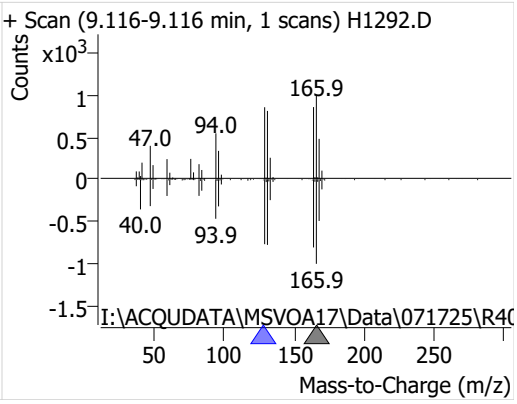


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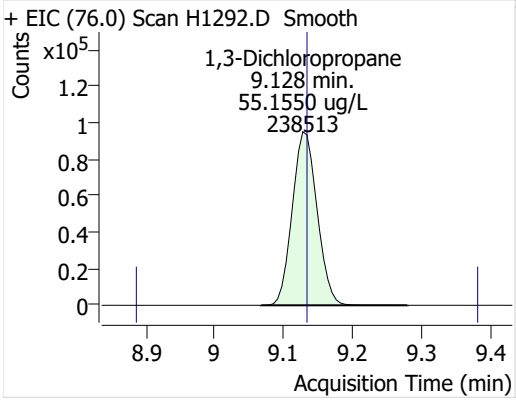
Tetrachloroethene

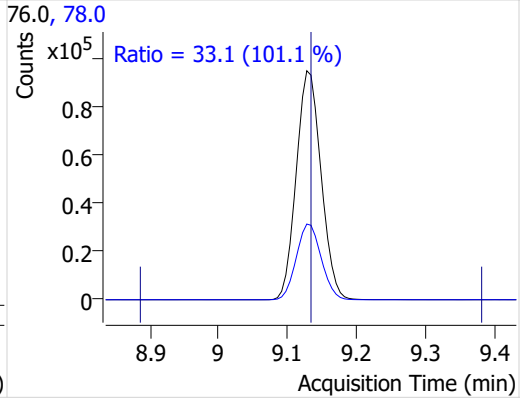


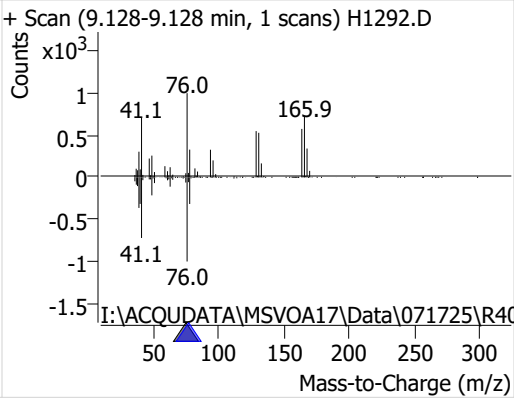




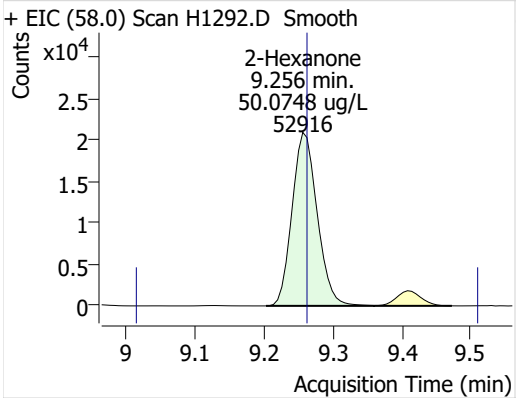
1,3-Dichloropropane

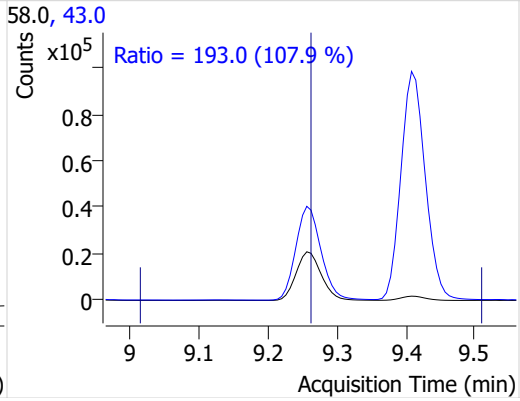


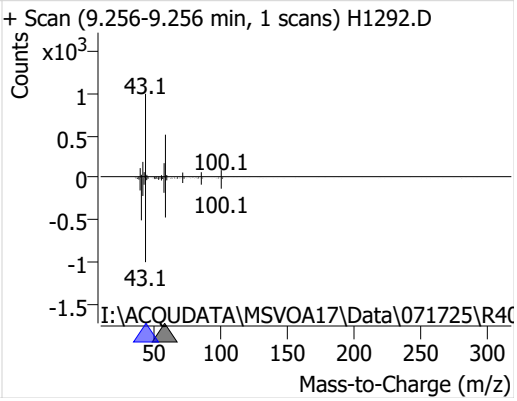




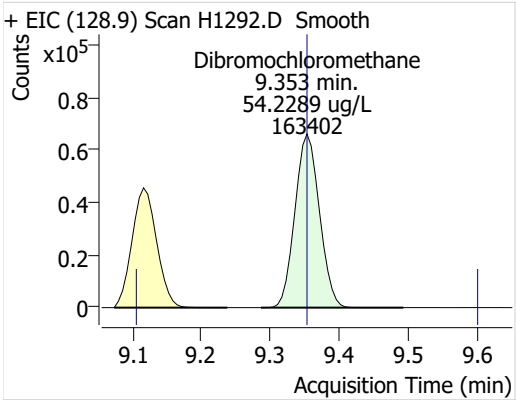
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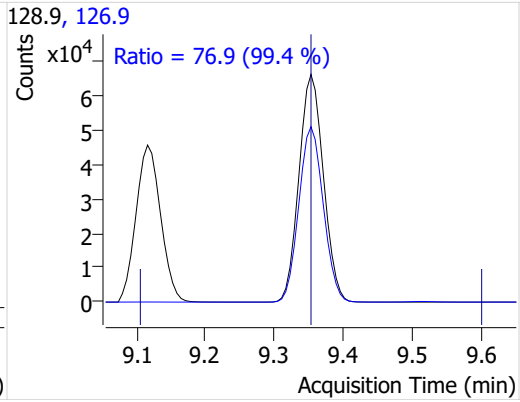


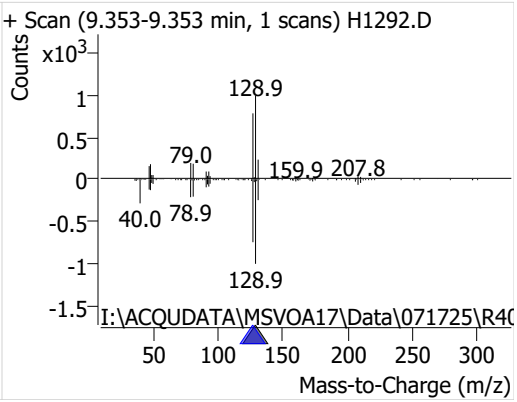




Dibromochloromethane

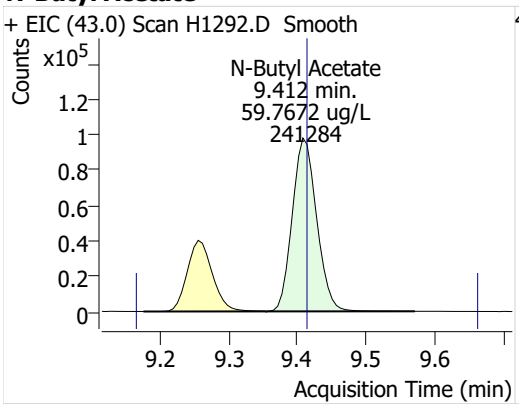


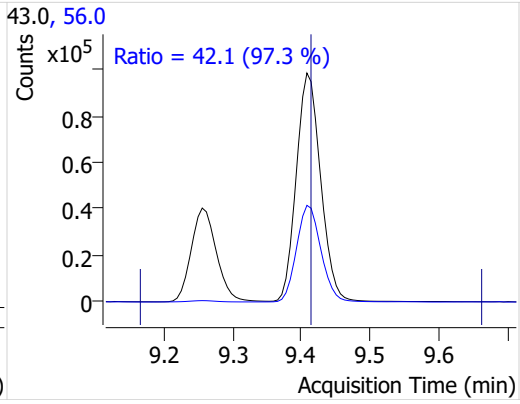


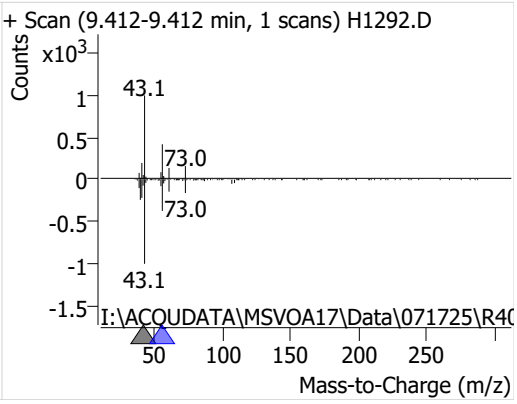


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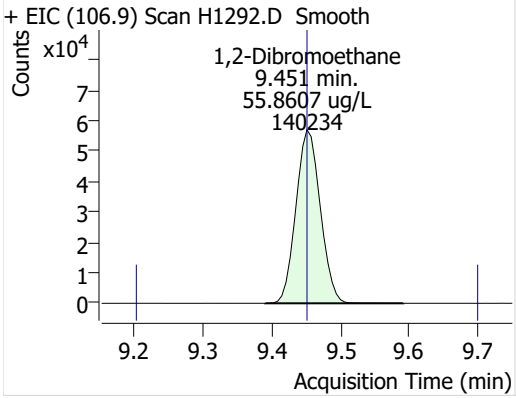
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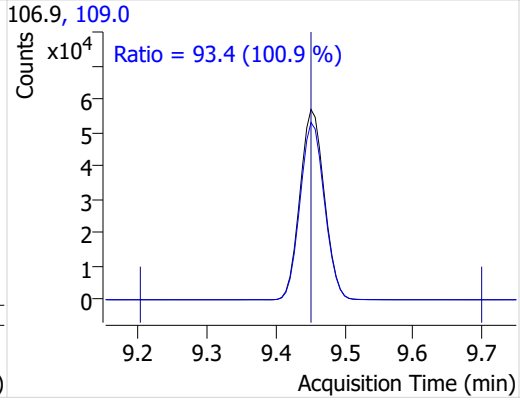


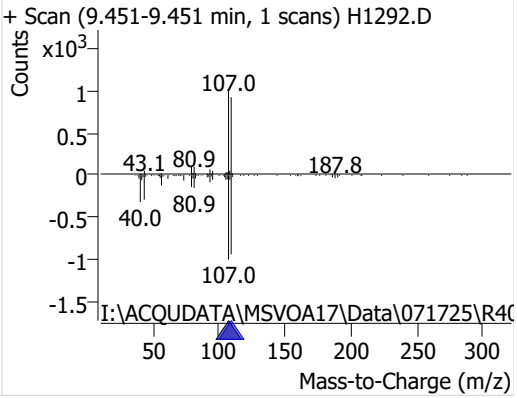




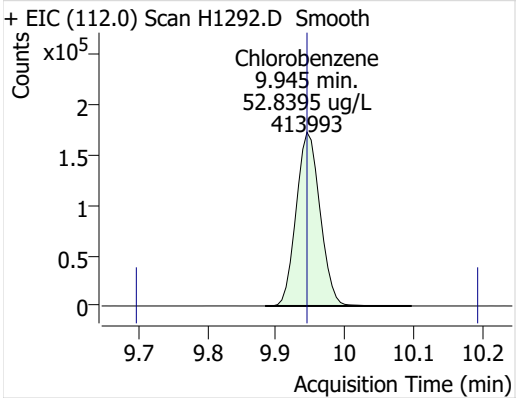
1,2-Dibromoethane

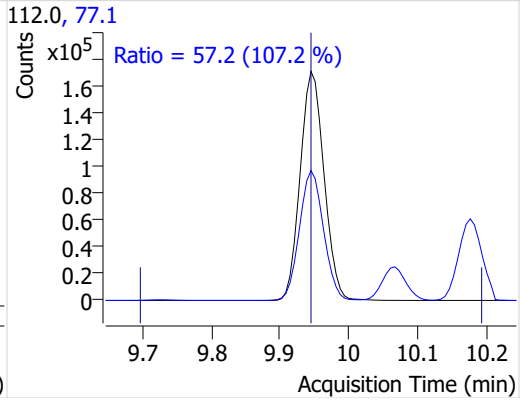


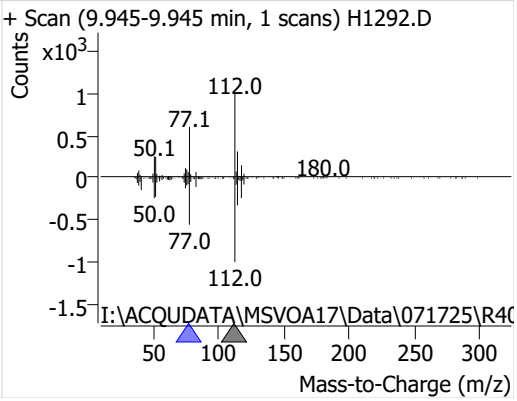




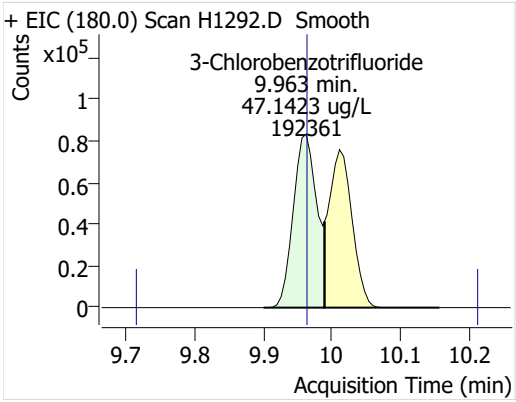
Chlorobenzene

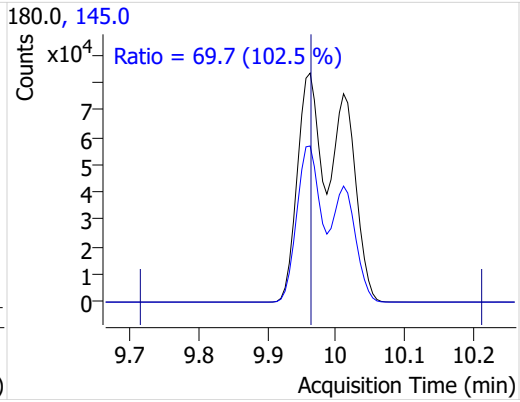


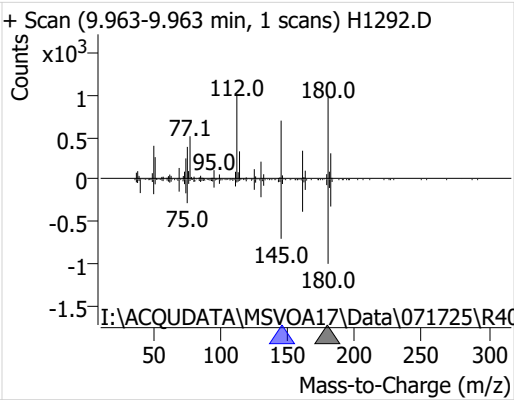




3-Chlorobenzotrifluoride

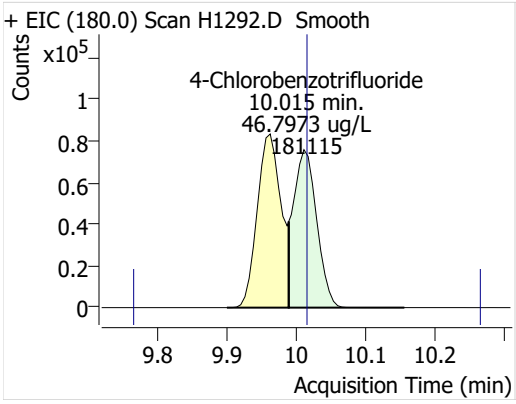


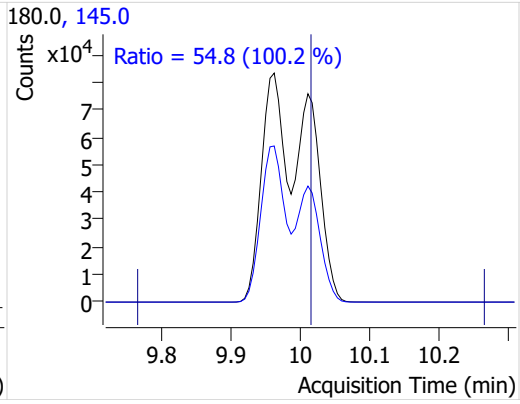


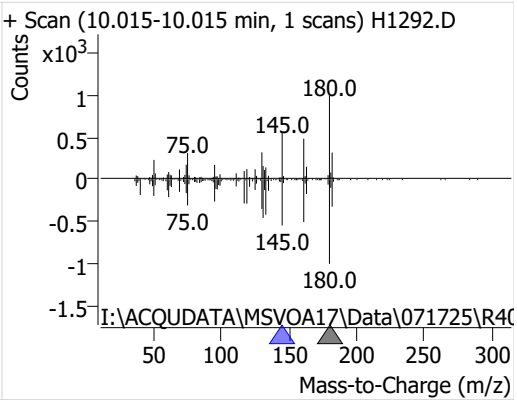


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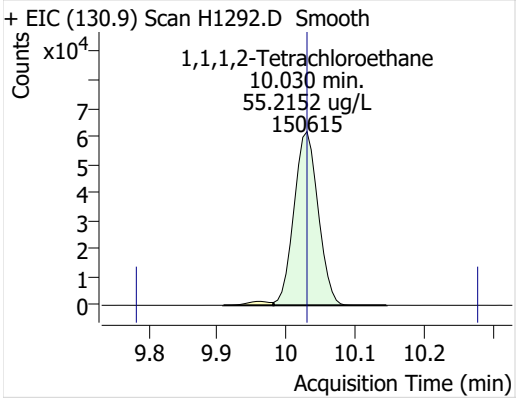
4-Chlorobenzotrifluoride

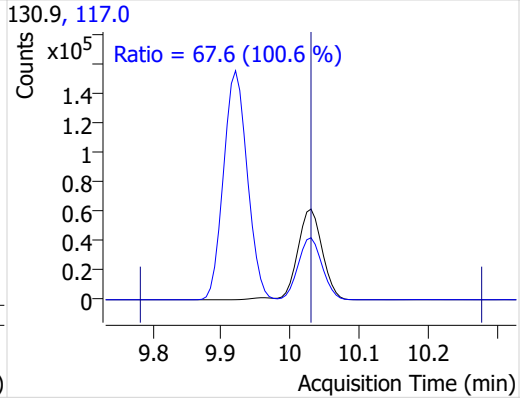


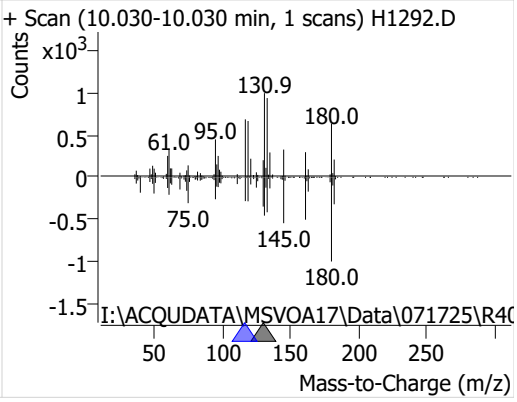




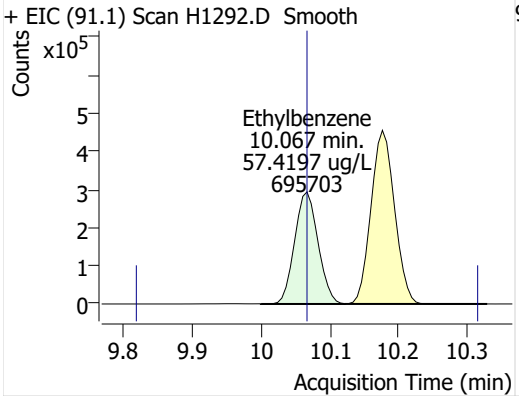
1,1,1,2-Tetrachloroethane

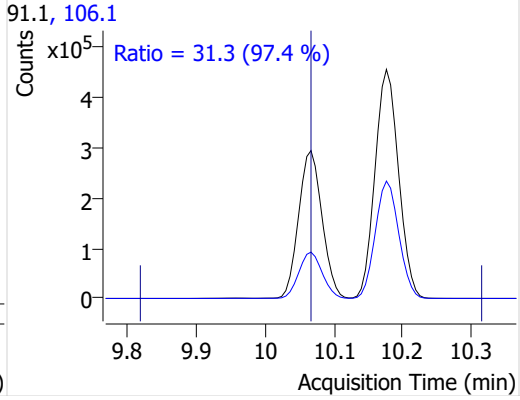


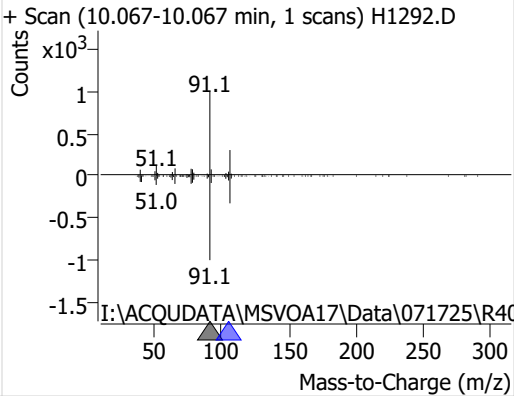




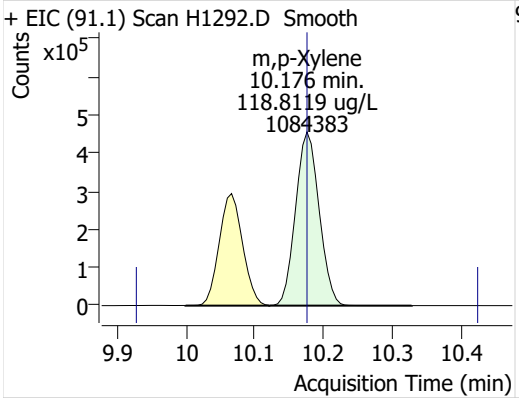
Ethylbenzene

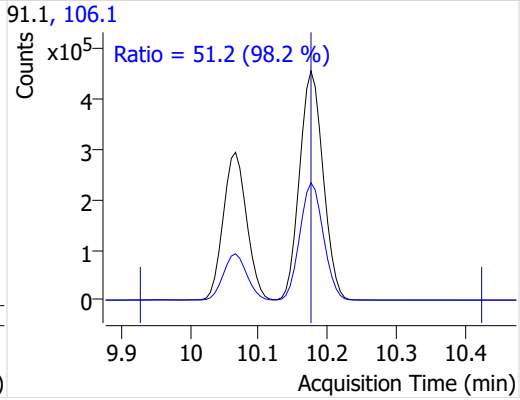


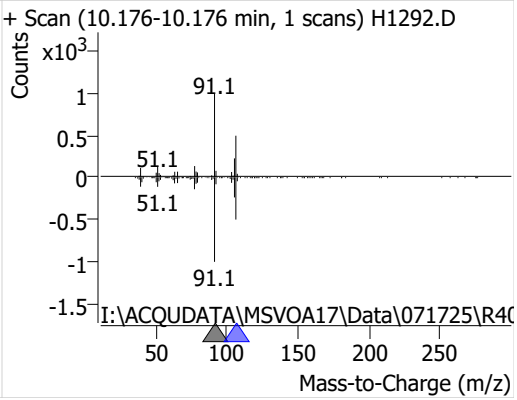




m,p-Xylene

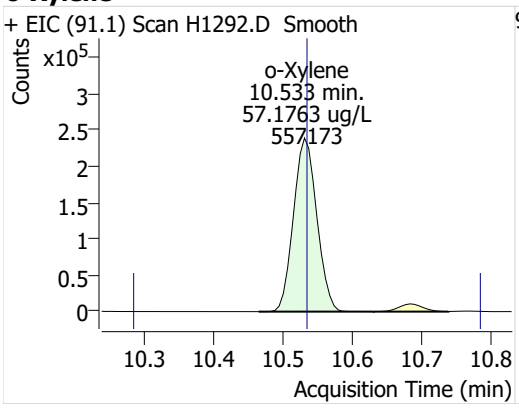


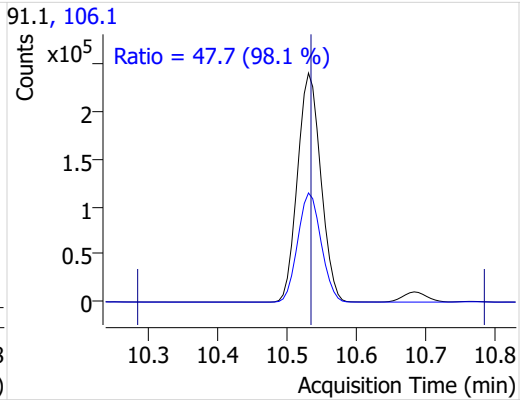


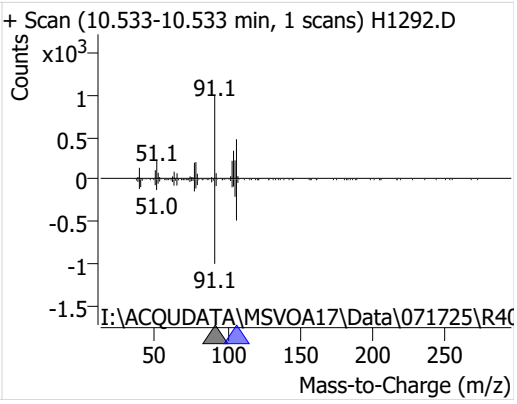


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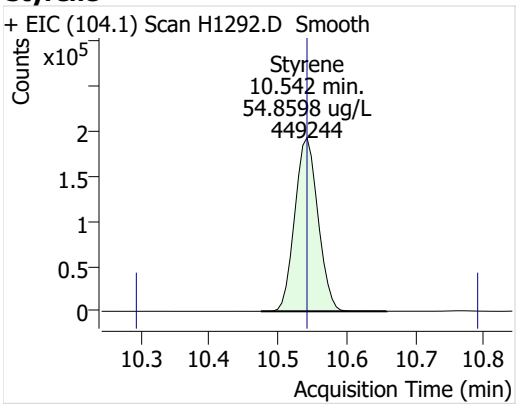
o-Xylene

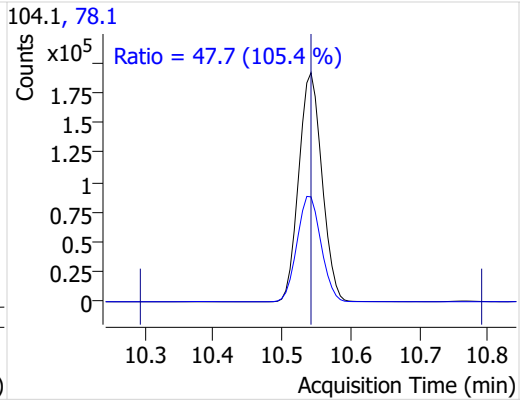


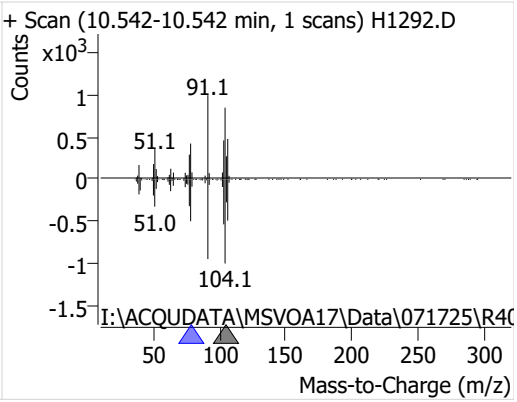




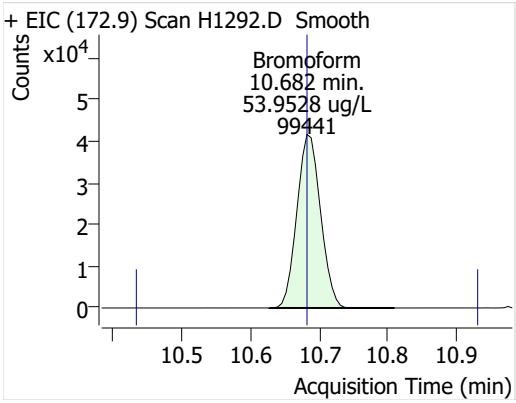
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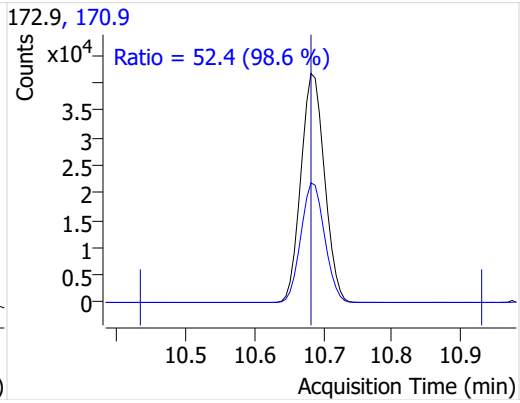


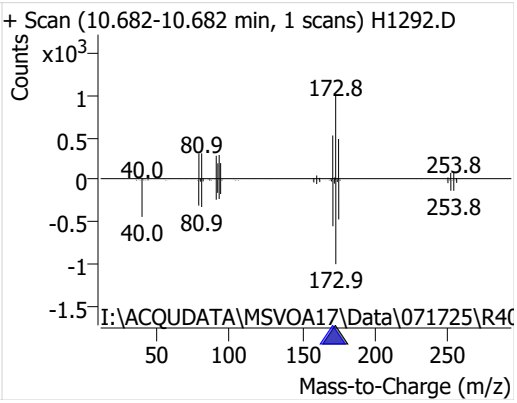




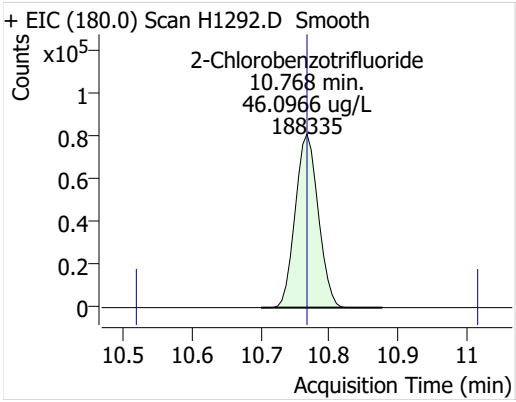
Bromoform

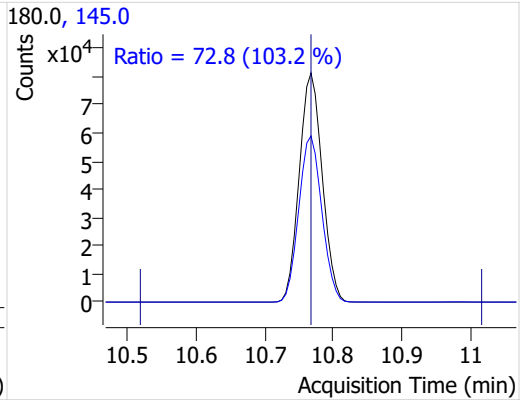


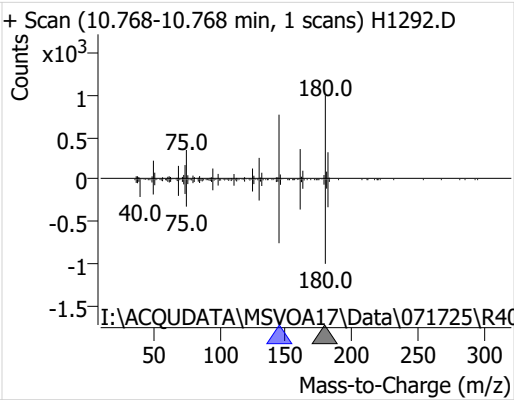




2-Chlorobenzotrifluoride

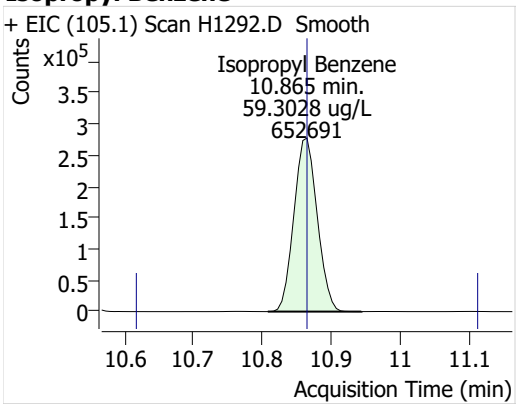


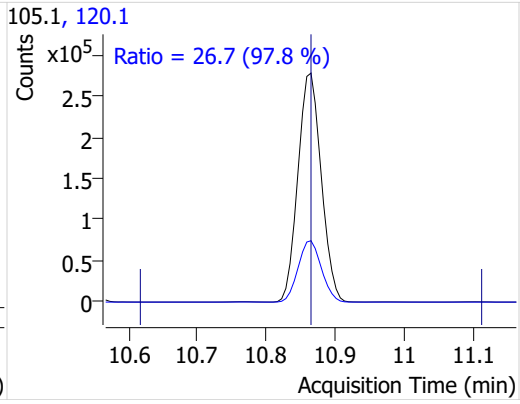


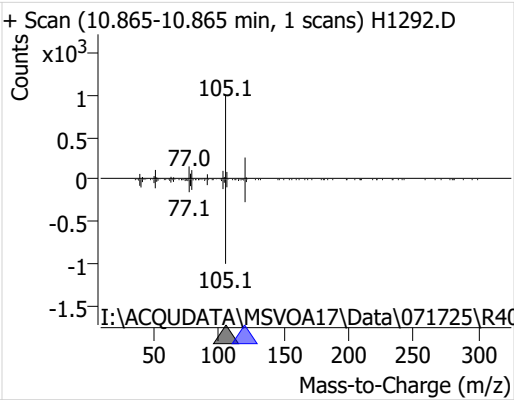


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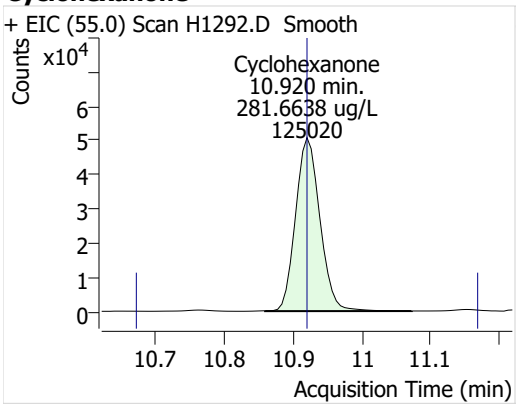
Isopropyl Benzene

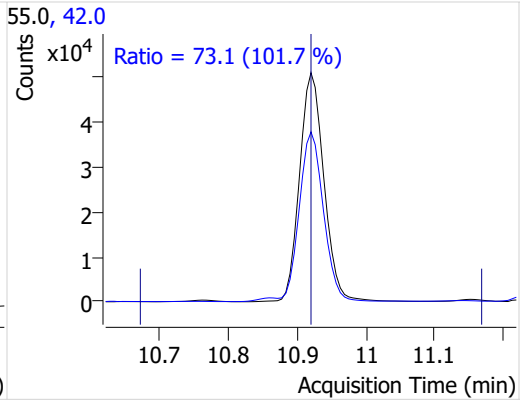


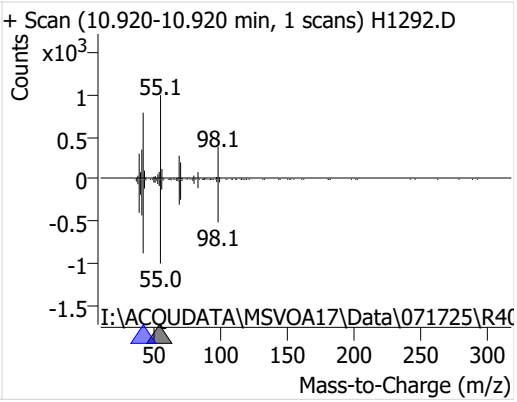




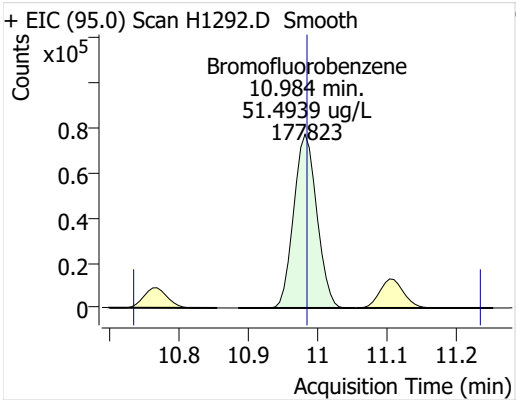
Cyclohexanone

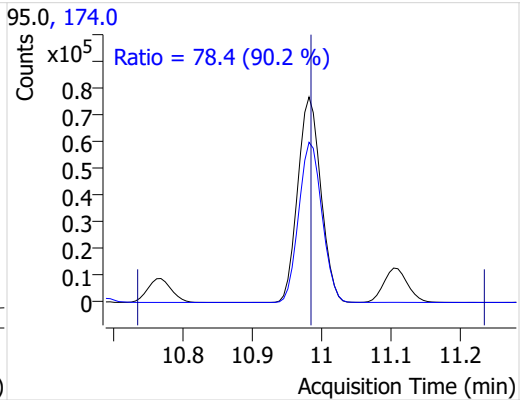


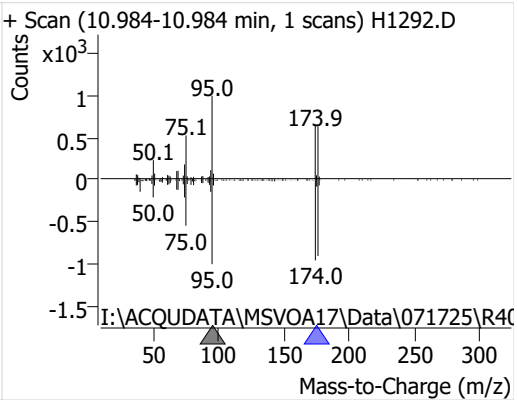




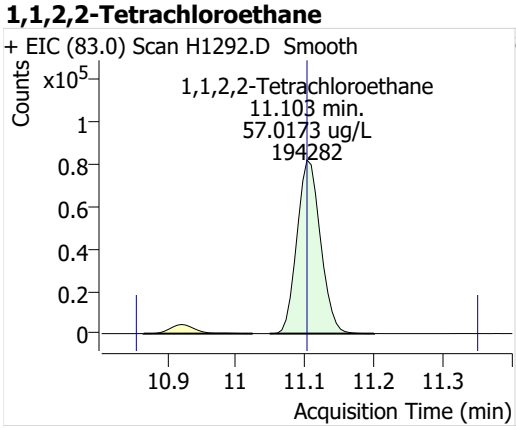
Bromofluorobenzene

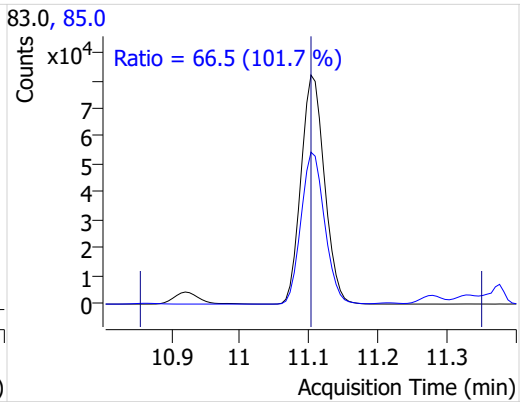


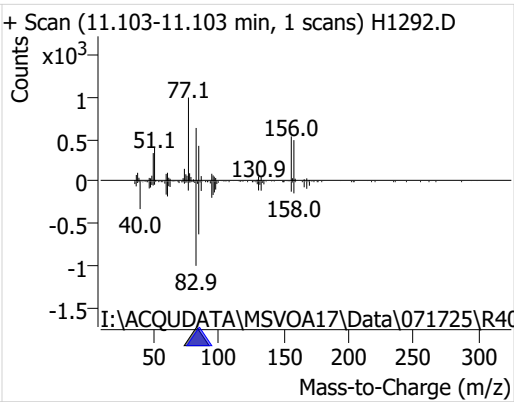




1,1,2,2-Tetrachloroethane

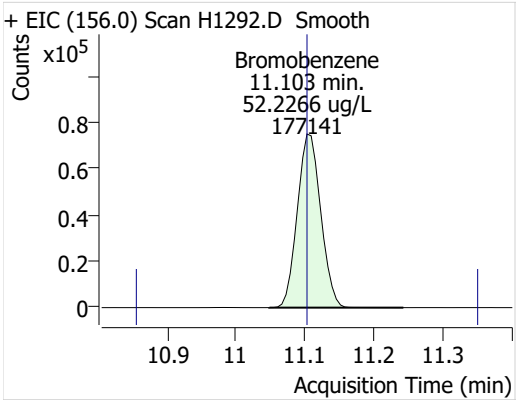


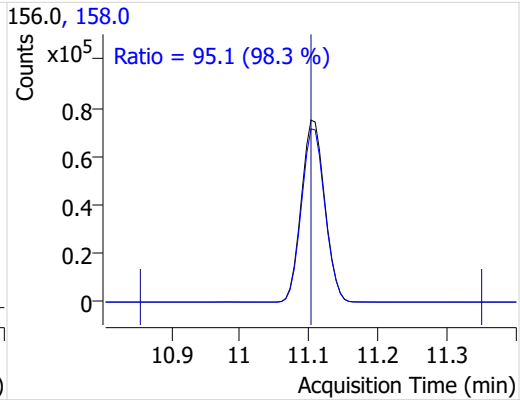


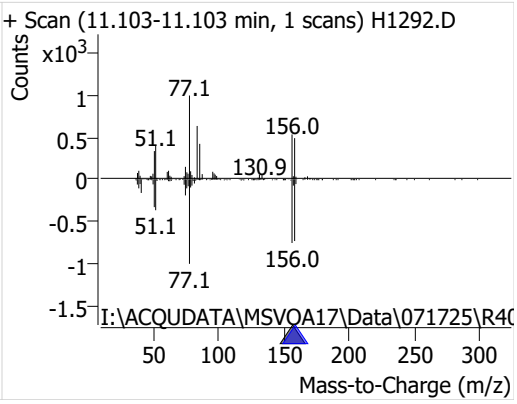


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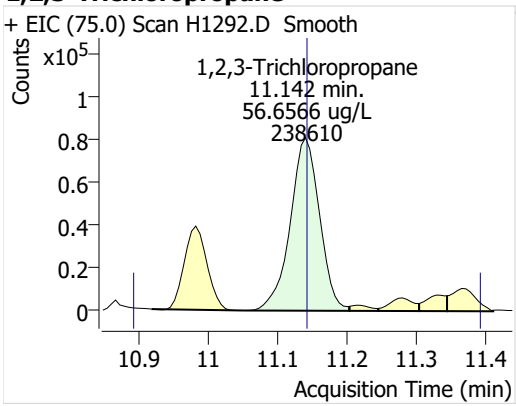
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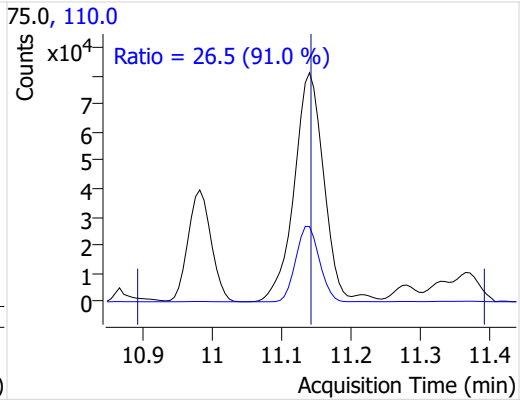


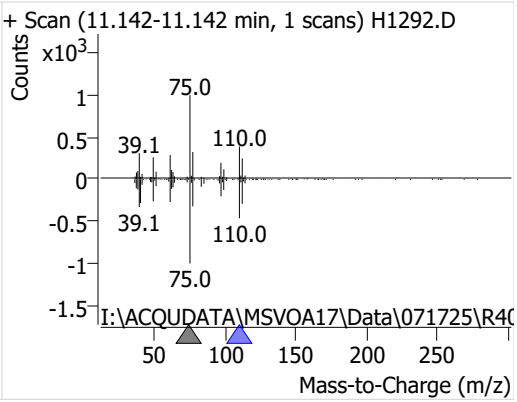




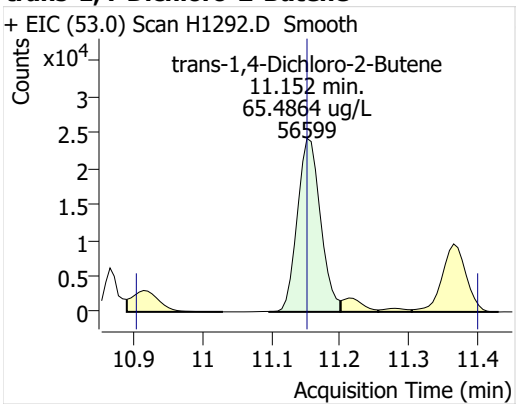
1,2,3-Trichloropropane

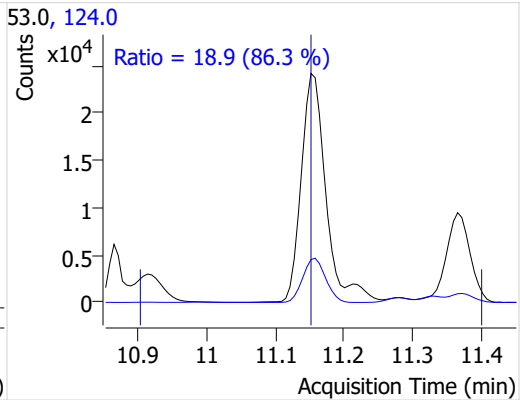


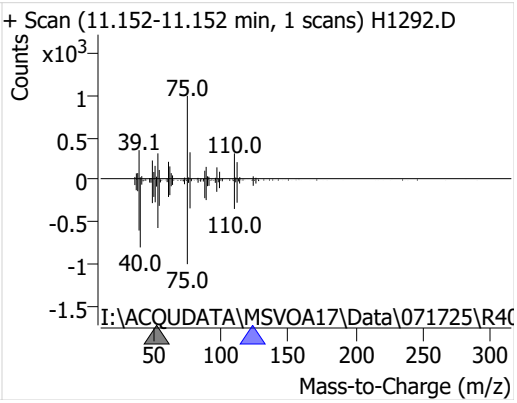




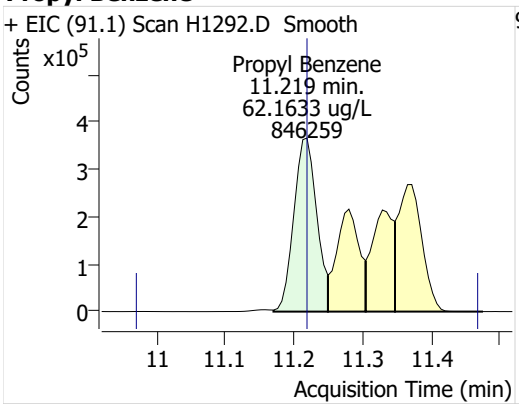
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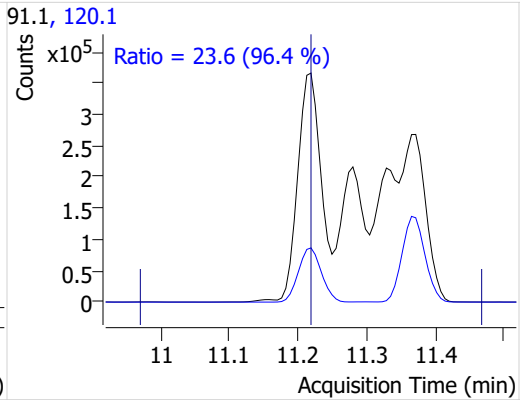


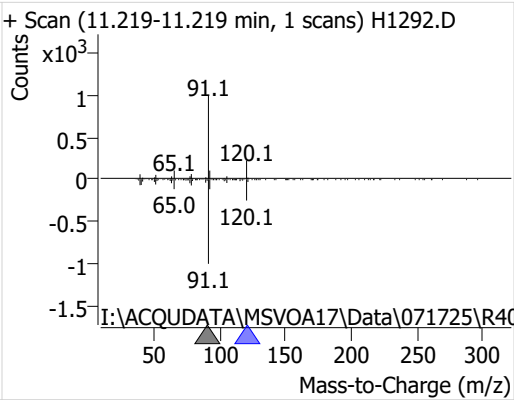




Propyl Benzene

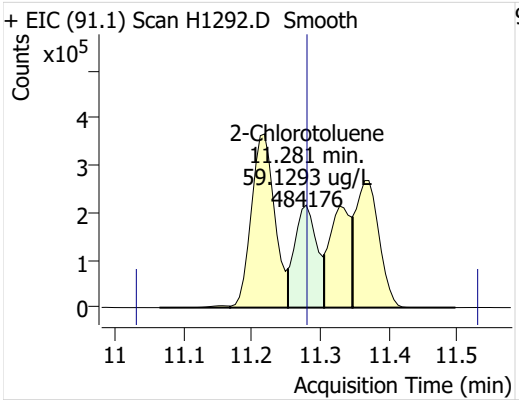


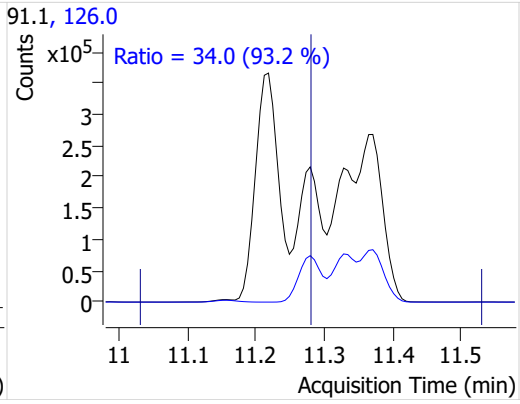


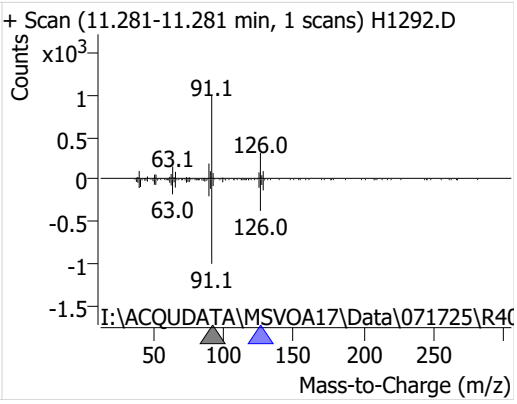


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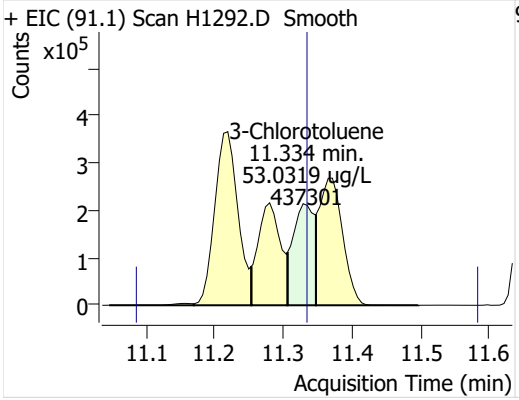
2-Chlorotoluene

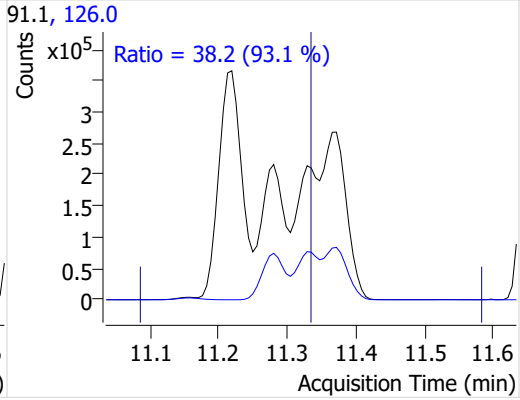


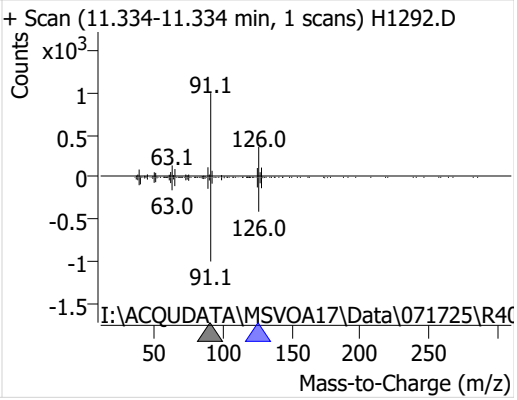




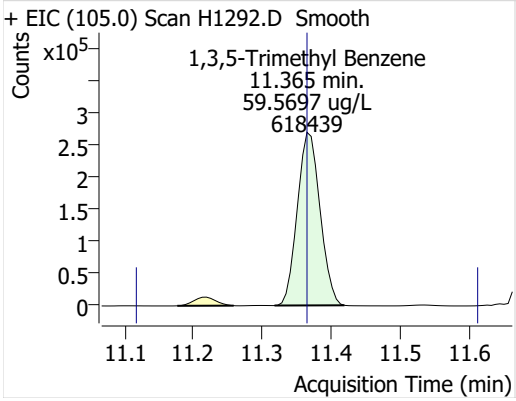
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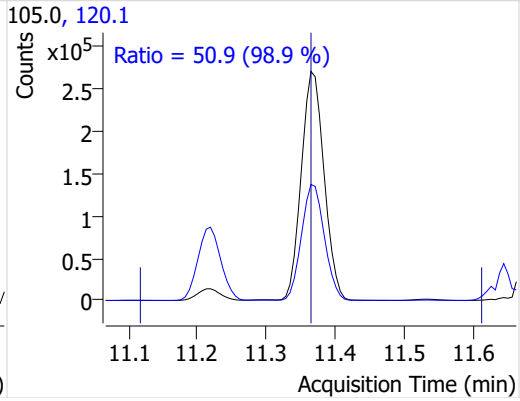


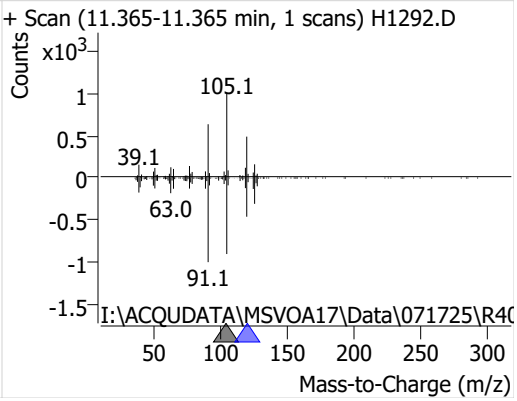




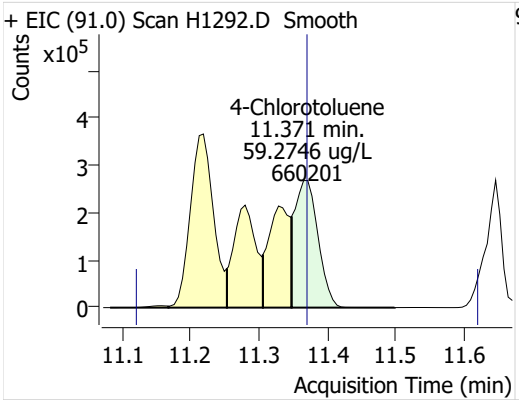
1,3,5-Trimethyl Benzene

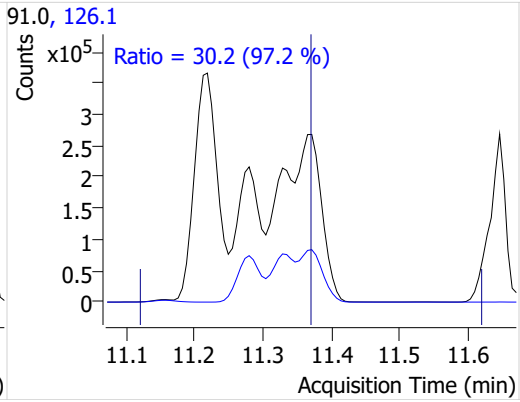


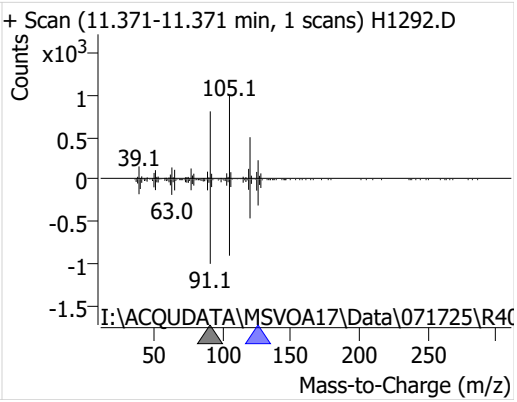




4-Chlorotoluene

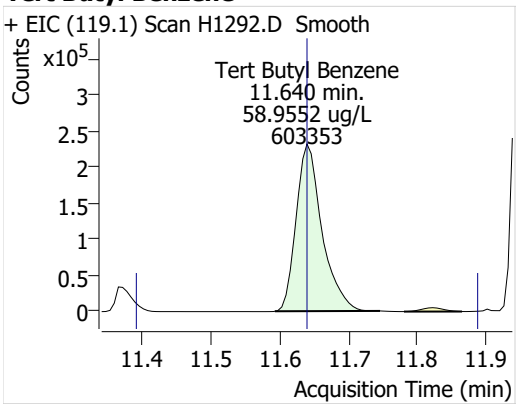


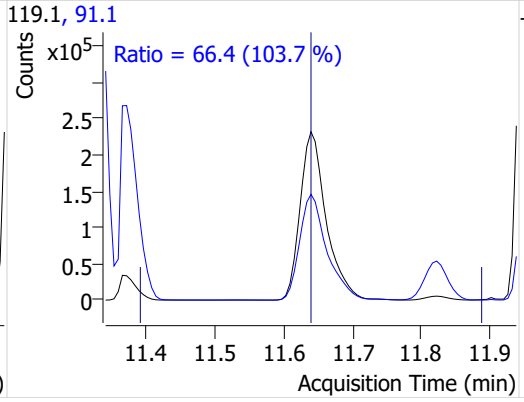


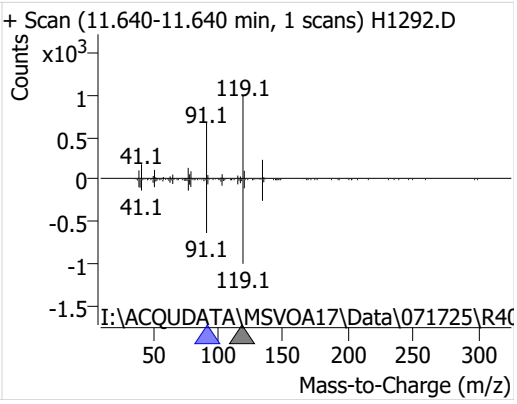


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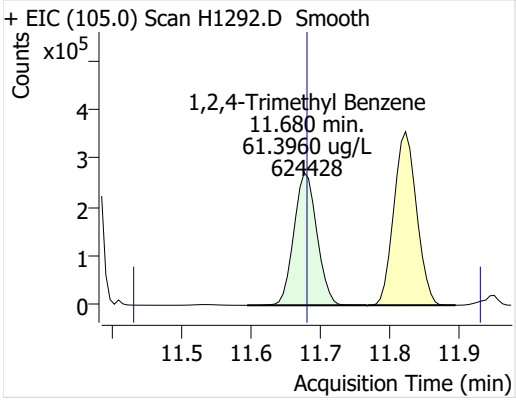
Tert Butyl Benzene

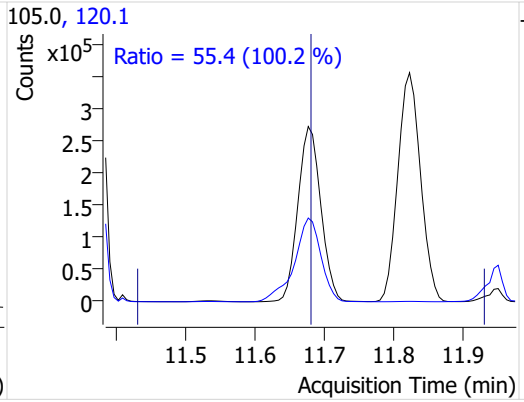


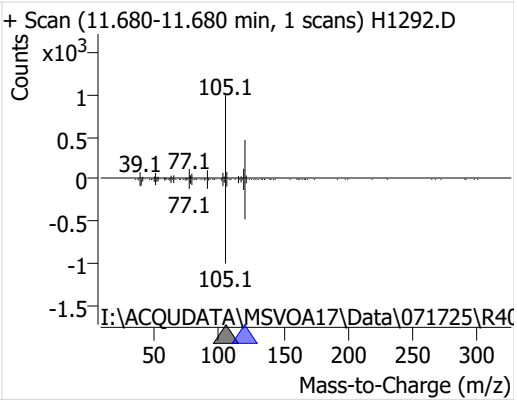




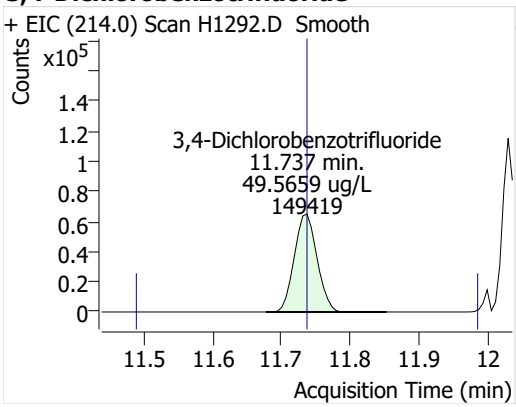
1,2,4-Trimethyl Benzene

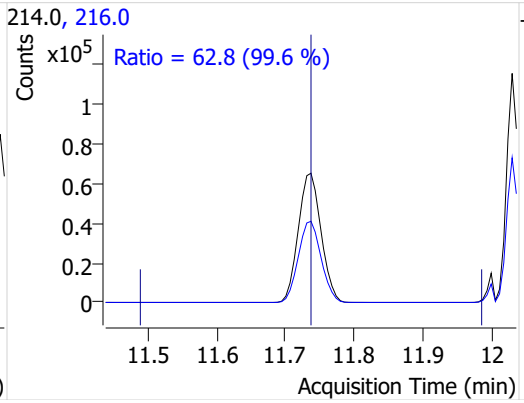


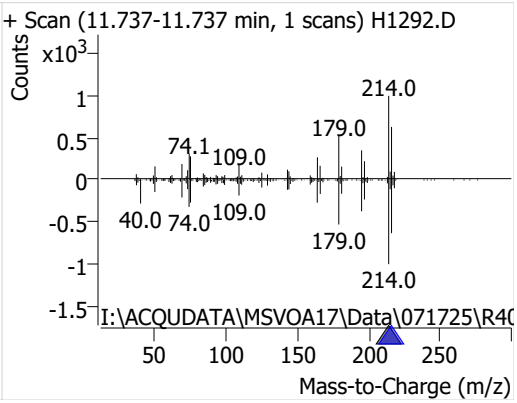




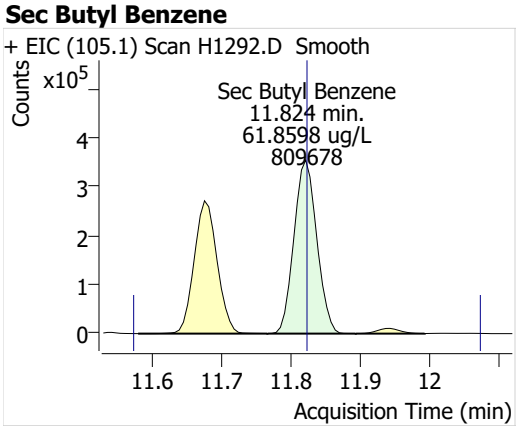
3,4-Dichlorobenzotrifluoride

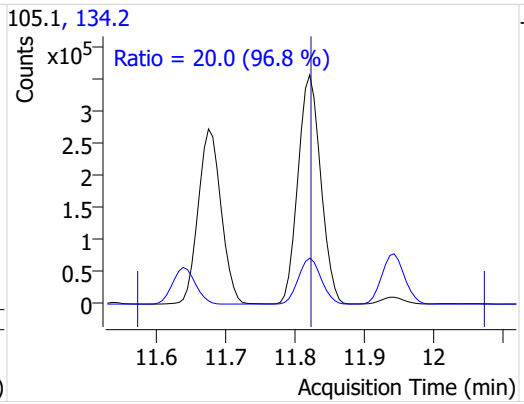


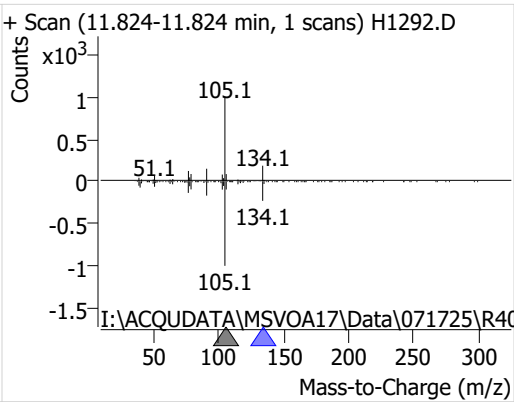




Sec Butyl Benzene

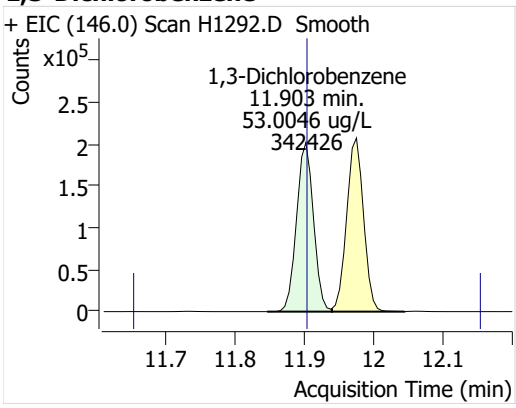


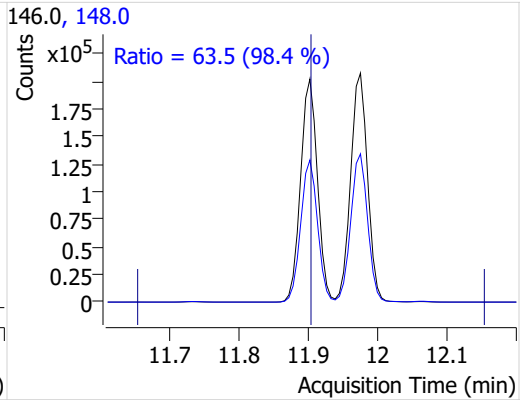


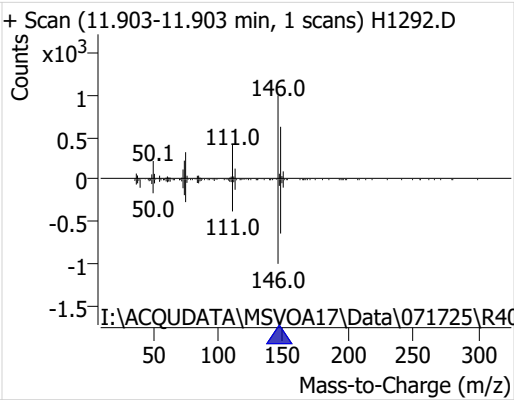


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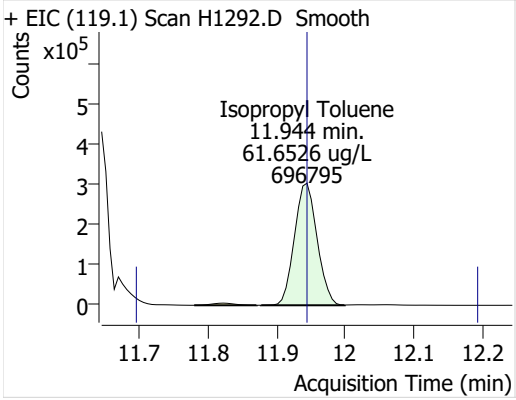
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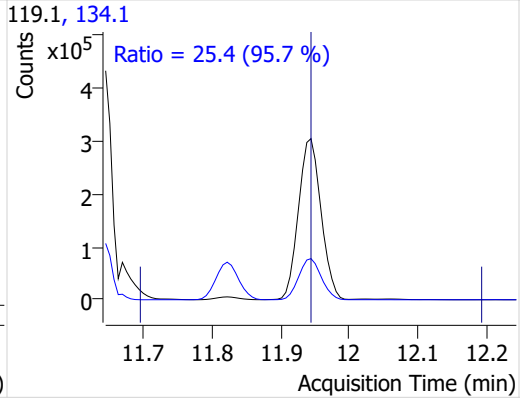


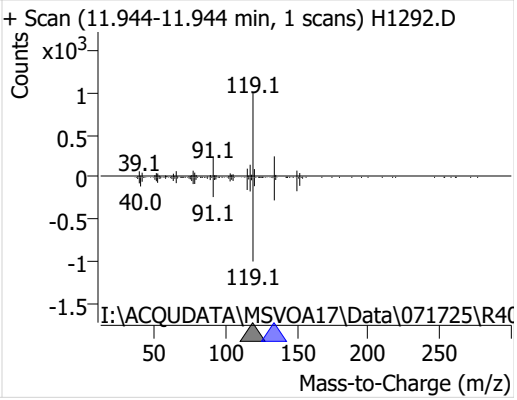




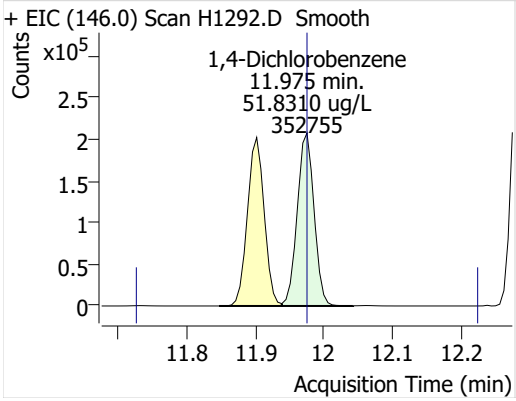
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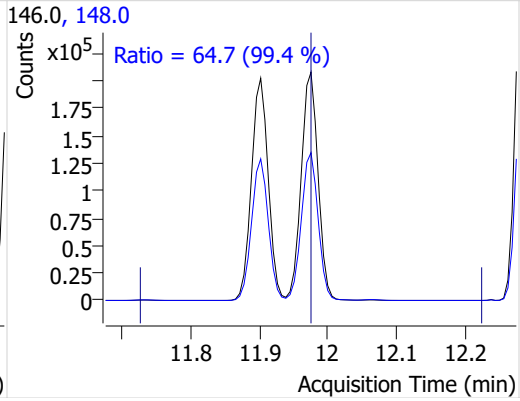


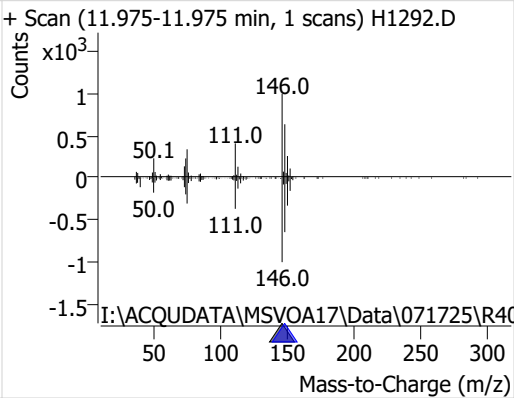




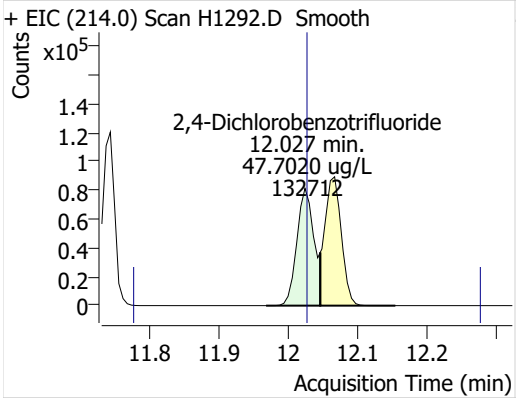
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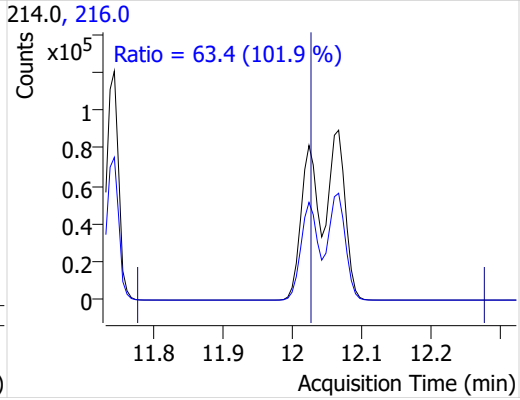


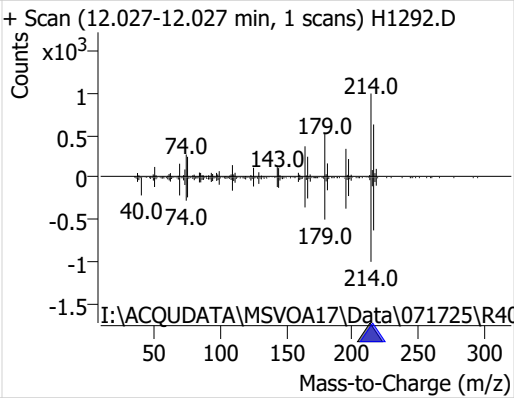




2,4-Dichlorobenzotrifluoride

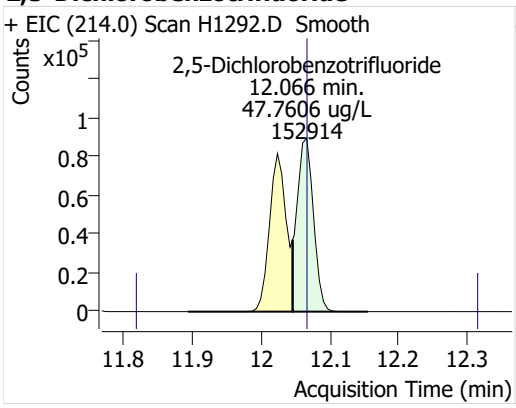


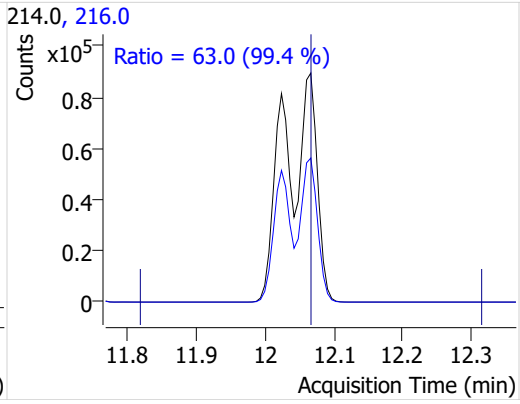


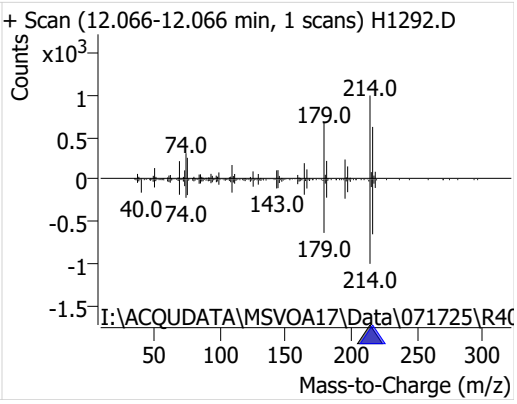


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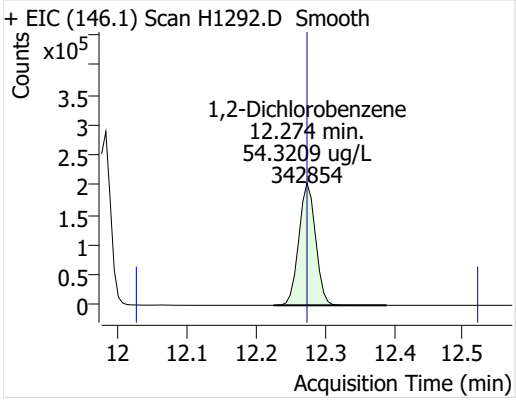
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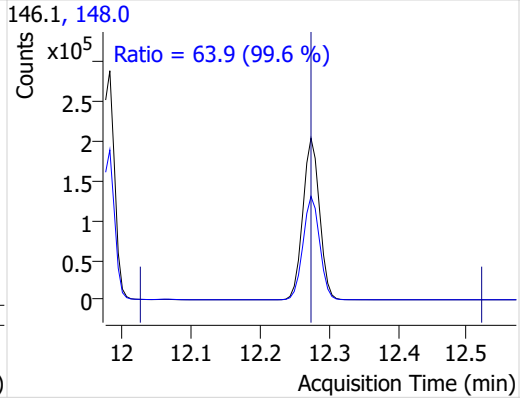


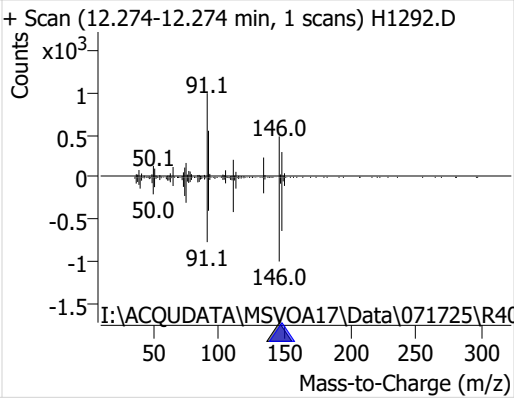




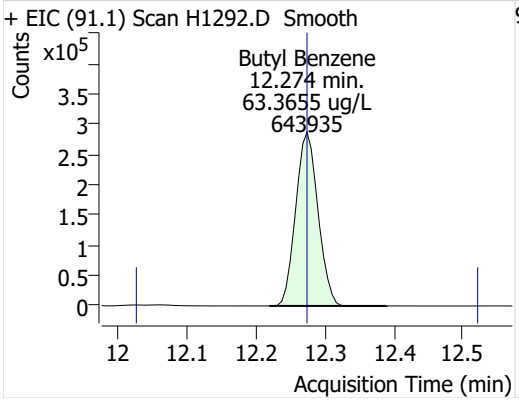
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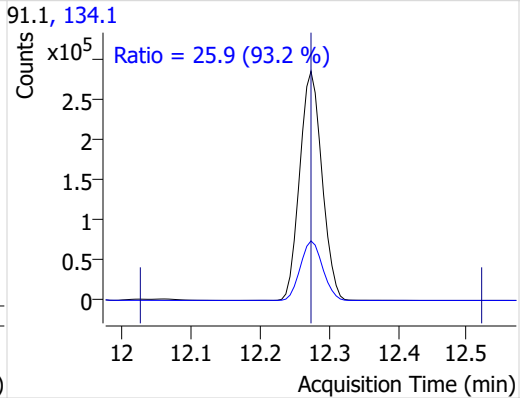


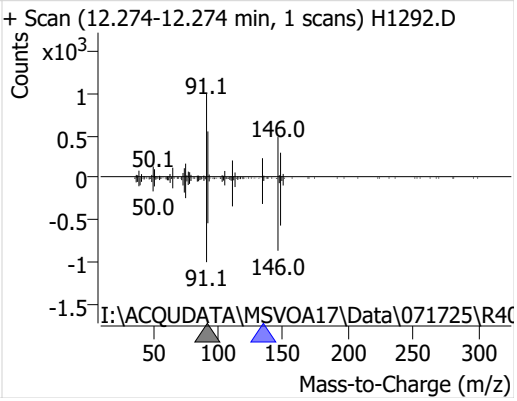




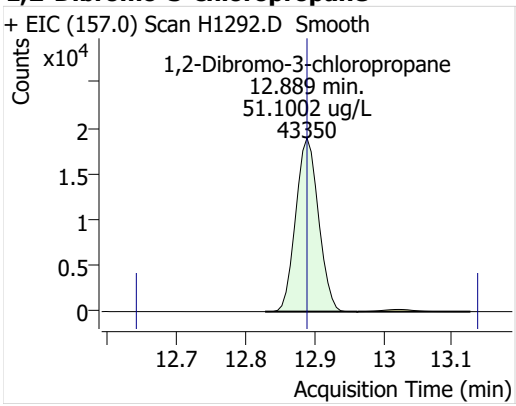
Butyl Benzene

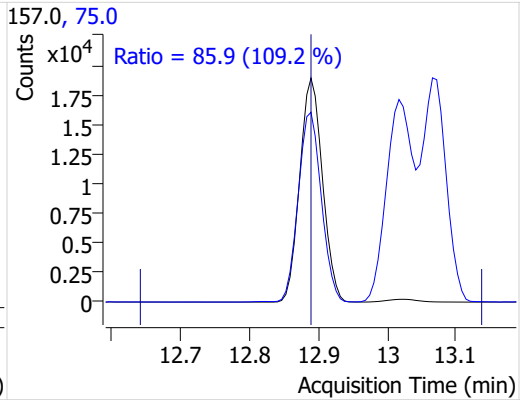


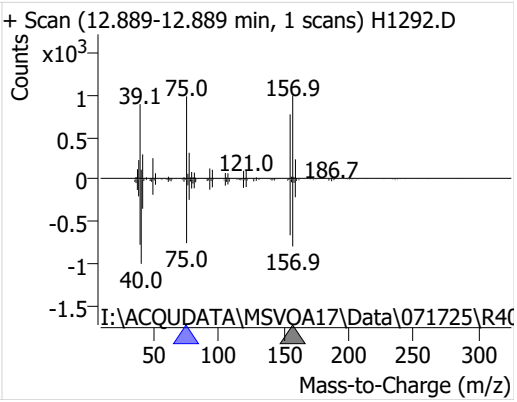




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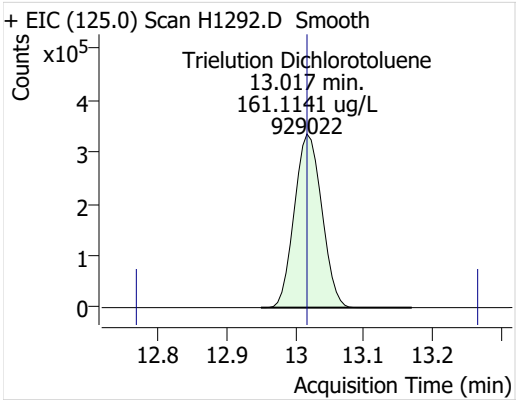


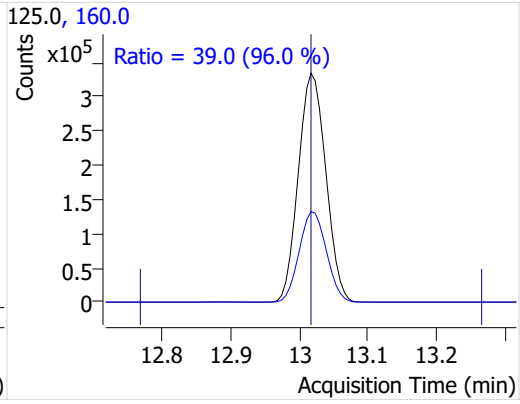


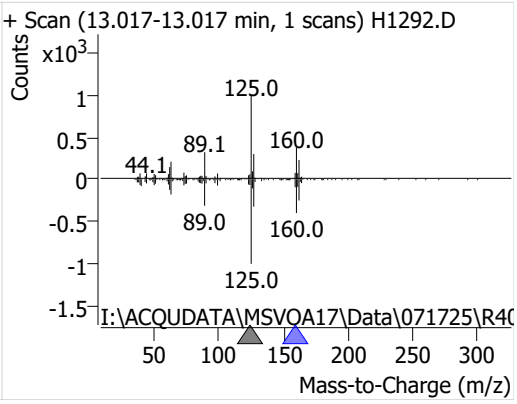


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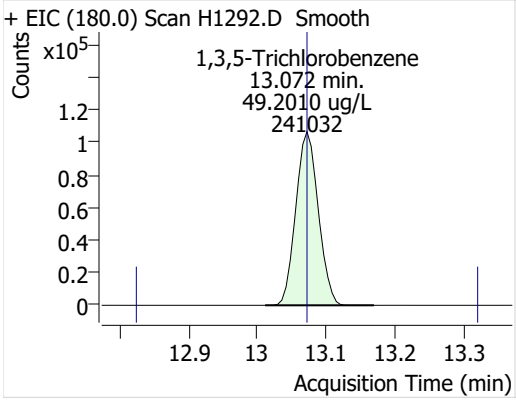
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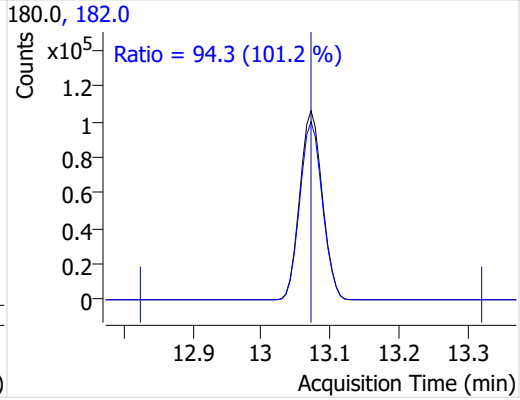


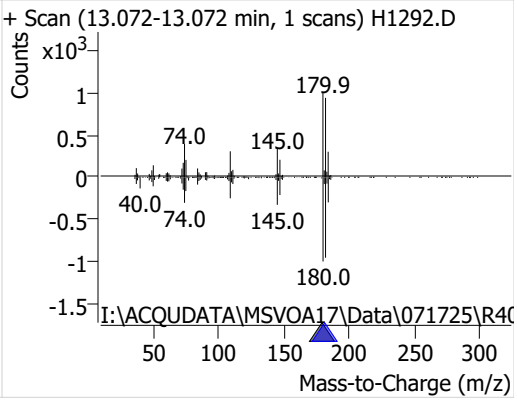




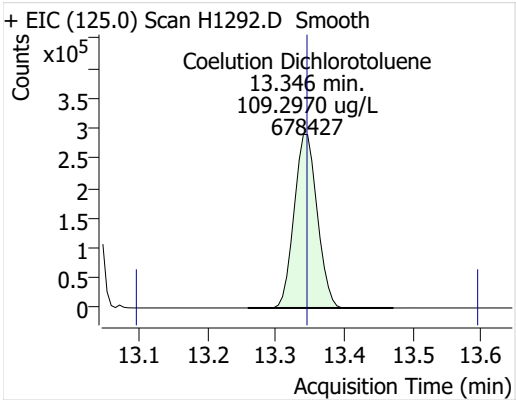
1,3,5-Trichlorobenzene

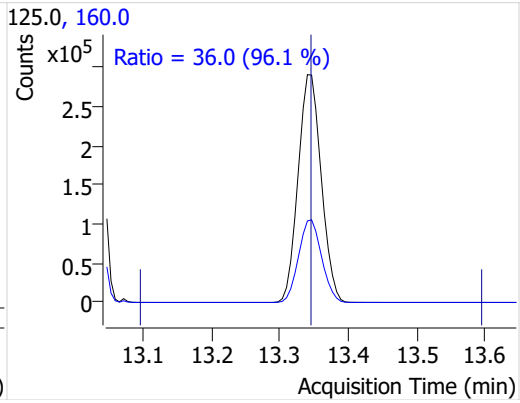


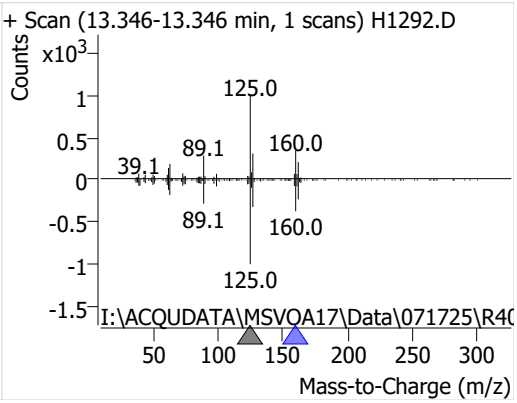




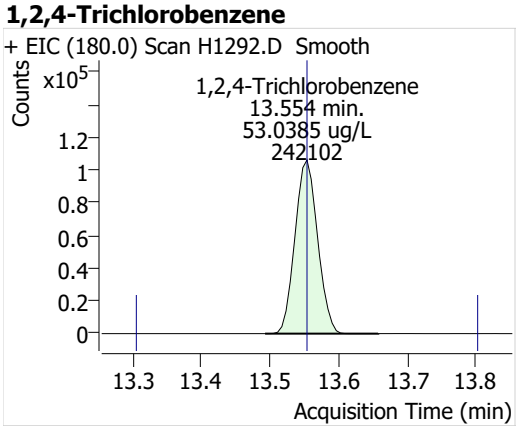
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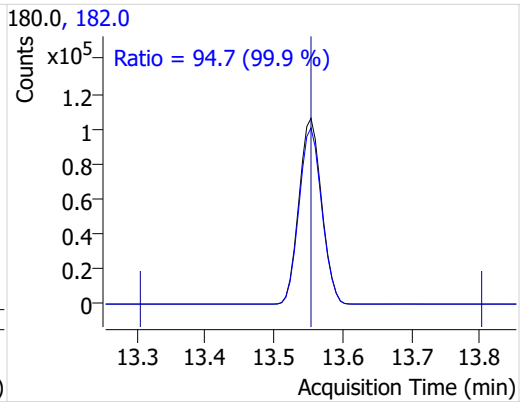


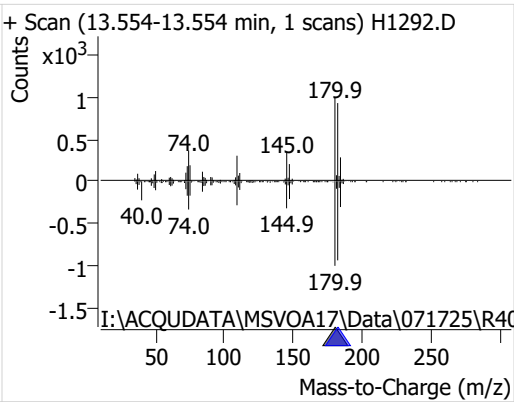




1,2,4-Trichlorobenzene

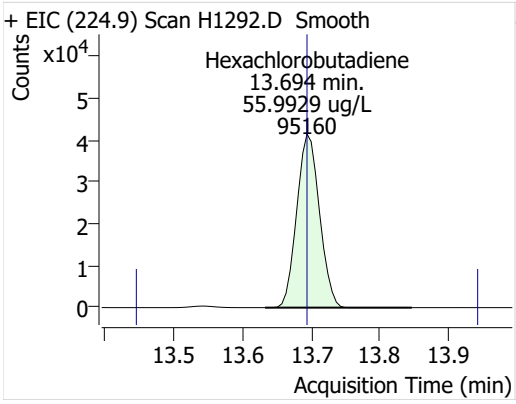


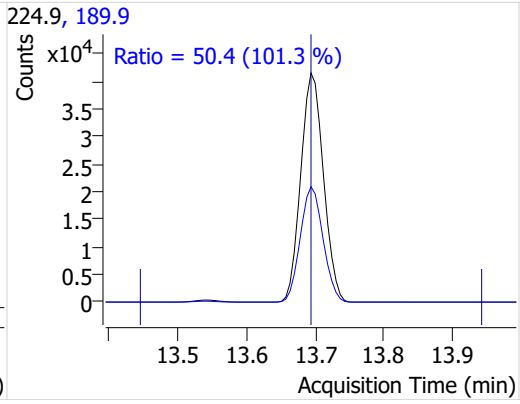


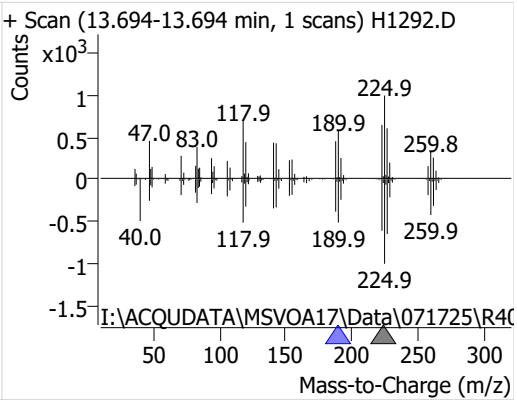


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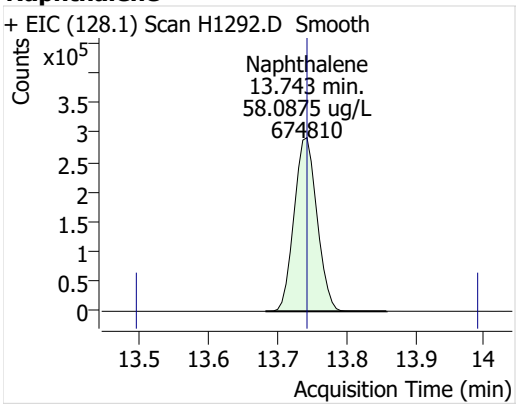
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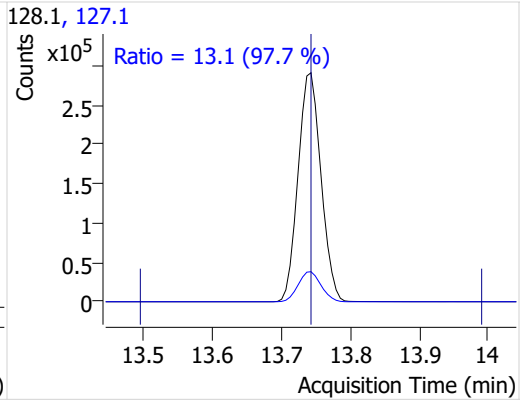


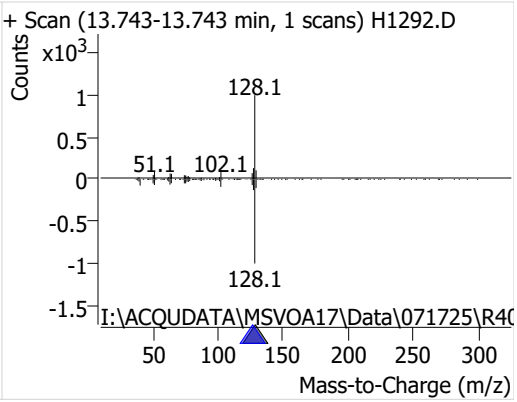




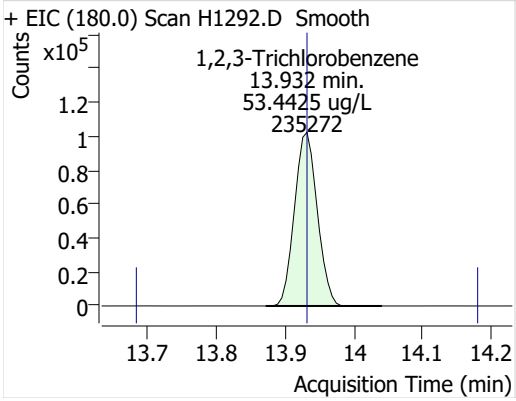
Naphthalene

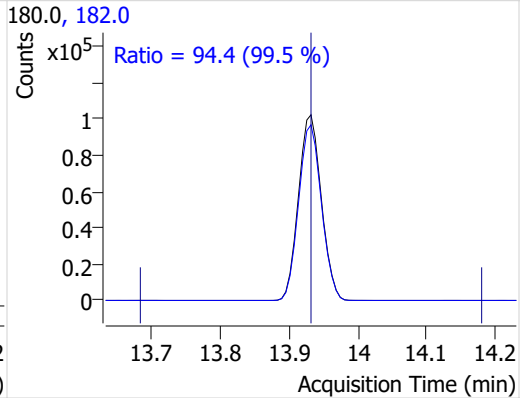


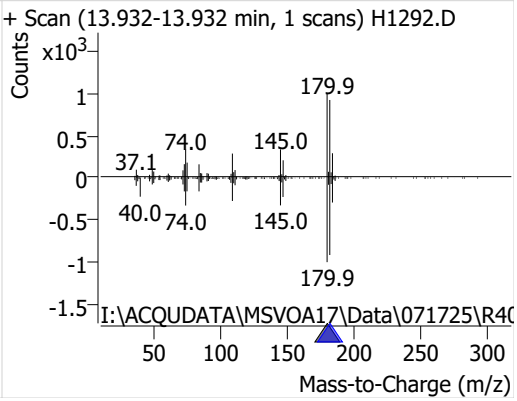




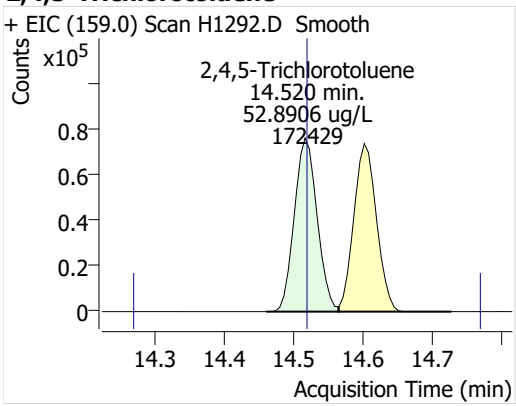
1,2,3-Trichlorobenzene

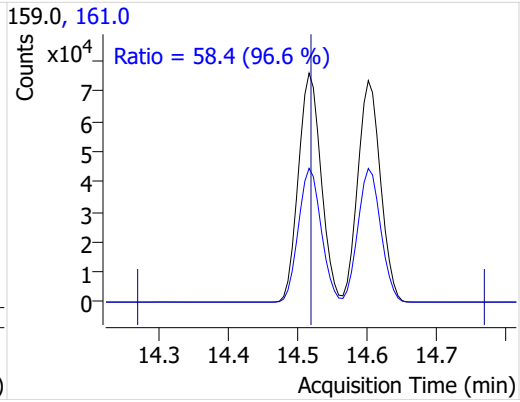


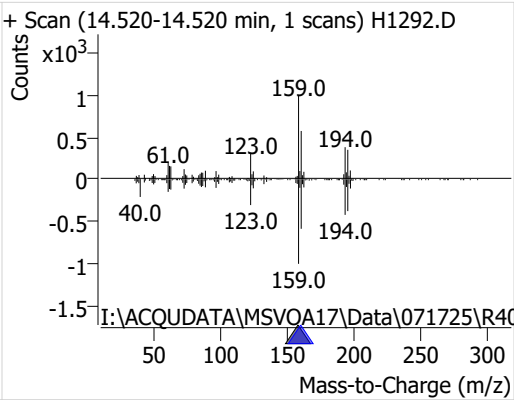




2,4,5-Trichlorotoluene

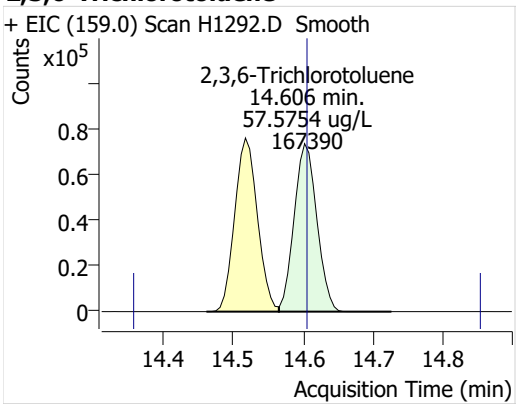


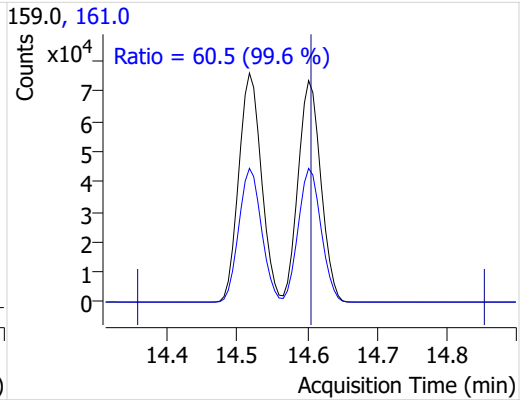


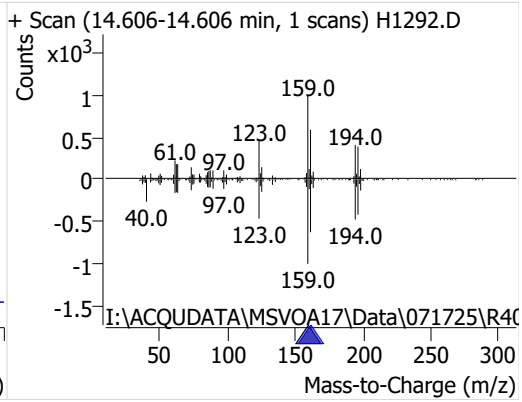


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File I:\ACQUDATA\MSVOA16\Data\090825\090825 ms16 ical.batch.bin
Daily CC I:\ACQUDATA\MSVOA16\Data\092325\H1292.D

Level name	Injection Time	Calibration Files
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2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
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50	9/8/2025 7:04:36 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	261140	119.96	M
1,4-Difluorobenzene	360674	354457	434625	122.62	M
Chlorobenzene-d5	314511	309932	374036	120.68	M
1,4-Dichlorobenzene D4	183727	183815	214615	116.76	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.668	50.00	54.48	-8.95	142.44	Avg RF
Chlorodifluoromethane	-	0.609	0.733	50.00	60.22	-20.44 #	158.91	Avg RF
Chloromethane	-	0.558	0.713	50.00	63.96	-27.93 #	166.72	Avg RF
Vinyl Chloride	-	0.653	0.724	50.00	55.41	-10.82	146.74	Avg RF
Bromomethane	-	0.9905	0.3983	50.00	40.04	19.92	118.46	Linear
Chloroethane	-	0.478	0.481	50.00	50.28	-0.55	147.03	Avg RF
Fluorodichloromethane	-	0.985	1.095	50.00	55.60	-11.20	148.78	Avg RF
Trichlorofluoromethane	-	0.892	0.953	50.00	53.44	-6.88	143.36	Avg RF
Freon 123a	-	0.531	0.535	50.00	50.38	-0.76	136.91	Avg RF
Diethyl Ether	-	0.458	0.508	50.00	55.46	-10.91	137.69	Avg RF
Freon 123	-	0.799	0.840	50.00	52.55	-5.10	143.90	Avg RF
Acrolein	-	0.032	0.083	250.00	646.49	-158.59 #	307.15	Avg RF
1,1-Dichloroethene	-	0.809	0.926	50.00	57.21	-14.43	151.42	Avg RF
Freon 113	-	0.557	0.580	50.00	52.07	-4.15	147.16	Avg RF
Acetone	-	0.224	0.218	50.00	48.71	2.57	124.84	Avg RF
Iodomethane	-	0.9960	0.6826	50.00	50.50	-0.99	126.79	Linear
2-Propanol	-	0.033	0.034	1000.00	1041.63	-4.16	143.54	Avg RF
Carbon Disulfide	-	1.356	1.492	50.00	55.04	-10.08	145.48	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.213	300.00	351.31	-17.10	159.54	Avg RF
Methyl Acetate	-	0.444	0.502	50.00	56.58	-13.15	156.89	Avg RF
Methylene Chloride	-	0.543	0.557	50.00	51.27	-2.53	131.62	Avg RF
TBA	-	0.051	0.050	1000.00	985.28	1.47	121.73	Avg RF
Acrylonitrile	-	0.230	0.271	250.00	294.12	-17.65	143.23	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.838	50.00	58.51	-17.02	153.23	Avg RF
MTBE	-	1.496	1.593	50.00	53.23	-6.46	127.71	Avg RF
1,1-Dichloroethane	-	0.918	1.036	50.00	56.45	-12.89	148.01	Avg RF
Vinyl Acetate	-	0.774	0.927	50.00	59.85	-19.71	144.20	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.481	50.00	55.81	-11.62	140.07	Avg RF
Diisopropyl ether	-	1.567	1.912	50.00	61.01	-22.02 #	152.05	Avg RF
ETBE	-	1.467	1.585	50.00	54.04	-8.07	131.93	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.607	50.00	53.07	-6.14	133.39	Avg RF
2,2-Dichloropropane	-	0.685	0.715	50.00	52.12	-4.23	136.02	Avg RF
2-Butanone	-	0.281	0.290	50.00	51.60	-3.20	133.57	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.102	250.00	289.74	-15.90	143.38	Avg RF
Bromochloromethane	-	0.402	0.397	50.00	49.35	1.31	123.27	Avg RF
Methylacrylonitrile	-	0.230	0.263	50.00	57.19	-14.38	134.38	Avg RF
Tetrahydrofuran	-	0.171	0.198	50.00	58.10	-16.20	145.38	Avg RF
Chloroform	-	0.944	0.998	50.00	52.88	-5.77	140.08	Avg RF
1,1,1-Trichloroethane	-	0.774	0.831	50.00	53.69	-7.38	140.80	Avg RF
TAME	-	1.361	1.400	50.00	51.44	-2.89	122.85	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.313	50.00	48.49	3.01	112.47	Avg RF
Cyclohexane	-	0.9954	0.5319	50.00	57.27	-14.55	146.54	Quadratic
Carbon Tetrachloride	-	0.428	0.459	50.00	53.66	-7.33	142.84	Avg RF
1,1-Dichloropropene	-	0.398	0.439	50.00	55.14	-10.28	150.99	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.405	50.00	54.42	-8.85	127.36	Avg RF
Benzene	-	1.197	1.306	50.00	54.58	-9.16	142.72	Avg RF
1,2-Dichloroethane	-	0.463	0.516	50.00	55.74	-11.47	137.62	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0139	1000.00	1162.30	-16.23	145.54	Quadratic
n-Heptane	-	0.9904	0.5789	50.00	68.32	-36.65 #	188.75	Quadratic
Trichloroethene	-	0.368	0.362	50.00	49.20	1.61	131.38	Avg RF
1-Butanol	-	0.008	0.009	2500.00	2729.30	-9.17	136.06	Avg RF
Methylcyclohexane	-	0.434	0.538	50.00	61.97	-23.93 #	167.08	Avg RF
1,2-Dichloropropane	-	0.329	0.372	50.00	56.54	-13.08	144.38	Avg RF
Dibromomethane	-	0.235	0.218	50.00	46.32	7.36	120.62	Avg RF
1,4-Dioxane	-	0.005	0.005	1000.00	963.12	3.69	123.58	Avg RF
Methyl Methacrylate	-	0.226	0.243	50.00	53.72	-7.44	131.23	Avg RF
Bromodichloromethane	-	0.436	0.464	50.00	53.21	-6.42	135.77	Avg RF
2-Nitropropane	-	0.9991	0.1218	100.00	111.99	-11.99	141.19	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.131	50.00	66.66	-33.33 #	156.28	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.465	50.00	53.62	-7.24	133.76	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.354	50.00	55.59	-11.17	147.87	Avg RF
Toluene-d8	-	1.246	1.204	50.00	48.31	3.38	114.03	Avg RF
Toluene	-	1.310	1.446	50.00	55.21	-10.42	144.60	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.411	50.00	53.95	-7.90	135.01	Avg RF
Ethyl Methacrylate	-	0.398	0.430	50.00	54.10	-8.20	129.95	Avg RF
1,1,2-Trichloroethane	-	0.302	0.317	50.00	52.47	-4.93	129.80	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.380	50.00	50.27	-0.54	135.40	Avg RF
1,3-Dichloropropane	-	0.578	0.638	50.00	55.15	-10.31	137.54	Avg RF
2-Hexanone	-	0.141	0.141	50.00	50.07	-0.15	132.23	Avg RF
Dibromochloromethane	-	0.403	0.437	50.00	54.23	-8.46	133.44	Avg RF
N-Butyl Acetate	-	0.540	0.645	50.00	59.77	-19.53	150.92	Avg RF
1,2-Dibromoethane	-	0.336	0.375	50.00	55.86	-11.72	138.75	Avg RF
Chlorobenzene	-	1.047	1.107	50.00	52.84	-5.68	136.79	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.514	50.00	47.14	5.72	129.75	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.484	50.00	46.80	6.41	128.34	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.403	50.00	55.22	-10.43	136.34	Avg RF
Ethylbenzene	-	1.620	1.860	50.00	57.42	-14.84	147.06	Avg RF
m,p-Xylene	-	1.220	1.450	100.00	118.81	-18.81	146.21	Avg RF
o-Xylene	-	1.303	1.490	50.00	57.18	-14.35	144.54	Avg RF
Styrene	-	1.095	1.201	50.00	54.86	-9.72	134.69	Avg RF
Bromoform	-	0.246	0.266	50.00	53.95	-7.91	133.24	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.504	50.00	46.10	7.81	126.81	Avg RF
Isopropyl Benzene	-	1.471	1.745	50.00	59.30	-18.61	148.33	Avg RF
Cyclohexanone	-	0.9999	0.0167	1000.00	281.66	71.83 #	30.34	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.151	50.00	65.49	-30.97 #	155.71	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

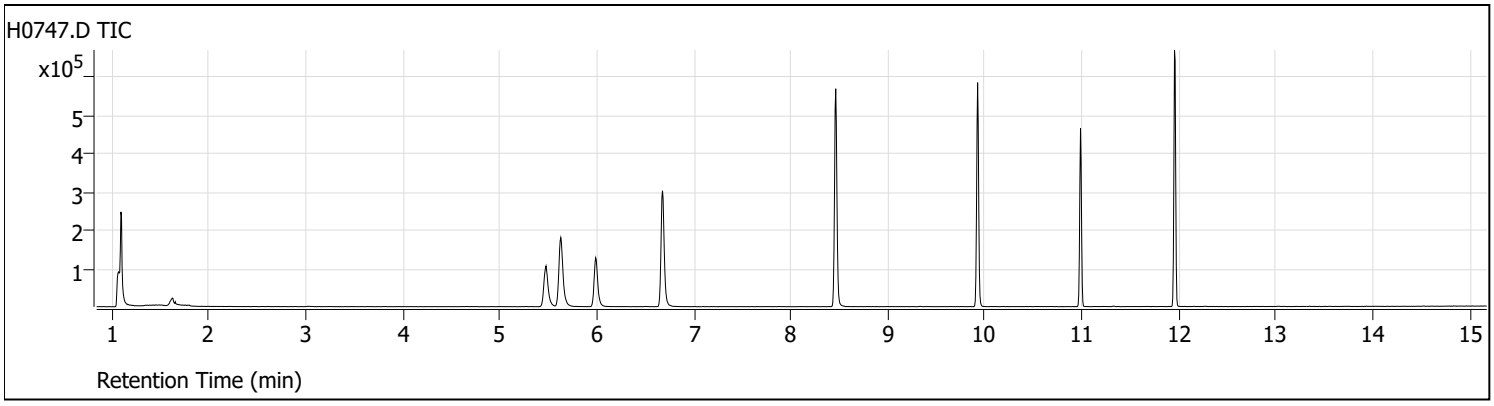
Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.829	50.00	51.49	-2.99	120.74	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.905	50.00	57.02	-14.03	137.73	Avg RF
Bromobenzene	-	0.790	0.825	50.00	52.23	-4.45	128.19	Avg RF
1,2,3-Trichloropropane	-	0.981	1.112	50.00	56.66	-13.31	141.39	Avg RF
Propyl Benzene	-	3.172	3.943	50.00	62.16	-24.33 #	150.38	Avg RF
2-Chlorotoluene	-	1.908	2.256	50.00	59.13	-18.26	149.08	Avg RF
3-Chlorotoluene	-	1.921	2.038	50.00	53.03	-6.06	134.72	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.882	50.00	59.57	-19.14	144.60	Avg RF
4-Chlorotoluene	-	2.595	3.076	50.00	59.27	-18.55	144.91	Avg RF
Tert Butyl Benzene	-	2.384	2.811	50.00	58.96	-17.91	147.48	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.910	50.00	61.40	-22.79 #	143.98	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.696	50.00	49.57	0.87	126.73	Avg RF
Sec Butyl Benzene	-	3.049	3.773	50.00	61.86	-23.72 #	151.74	Avg RF
1,3-Dichlorobenzene	-	1.505	1.596	50.00	53.00	-6.01	135.25	Avg RF
Isopropyl Toluene	-	2.633	3.247	50.00	61.65	-23.31 #	150.55	Avg RF
1,4-Dichlorobenzene	-	1.586	1.644	50.00	51.83	-3.66	132.51	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.618	50.00	47.70	4.60	125.59	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.713	50.00	47.76	4.48	126.26	Avg RF
1,2-Dichlorobenzene	-	1.470	1.598	50.00	54.32	-8.64	131.20	Avg RF
Butyl Benzene	-	2.368	3.000	50.00	63.37	-26.73 #	155.11	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.202	50.00	51.10	-2.20	128.24	Avg RF
Trielution Dichlorotoluene	-	1.343	1.443	150.00	161.11	-7.41	130.48	Avg RF
1,3,5-Trichlorobenzene	-	1.141	1.123	50.00	49.20	1.60	123.59	Avg RF
Coelution Dichlorotoluene	-	1.446	1.581	100.00	109.30	-9.30	129.39	Avg RF
1,2,4-Trichlorobenzene	-	1.063	1.128	50.00	53.04	-6.08	130.81	Avg RF
Hexachlorobutadiene	-	0.396	0.443	50.00	55.99	-11.99	143.31	Avg RF
Naphthalene	-	2.707	3.144	50.00	58.09	-16.18	130.94	Avg RF
1,2,3-Trichlorobenzene	-	1.026	1.096	50.00	53.44	-6.89	128.50	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.803	50.00	52.89	-5.78	119.30	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.780	50.00	57.58	-15.15	135.85	Avg RF

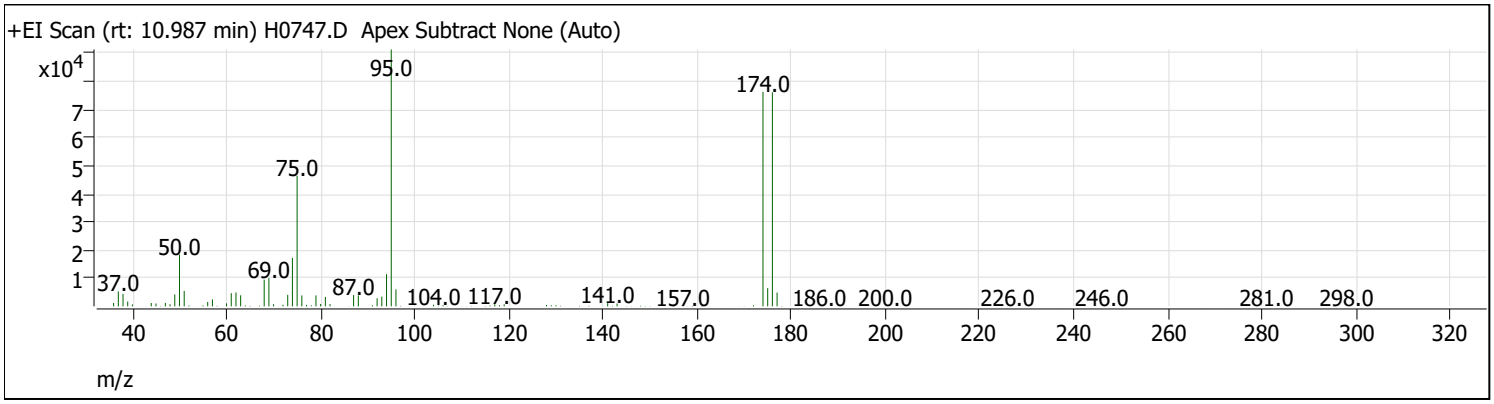
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 87% (101 of 115)

Tune Evaluation Report

1st 09/11/25
2nd 09/11/25

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Acq on: 9/8/2025 1:07:40 PM
Operator: K.Ruest
Sample: TUNE
Inst Name: GCMS
ALS Vial: 4
Method:





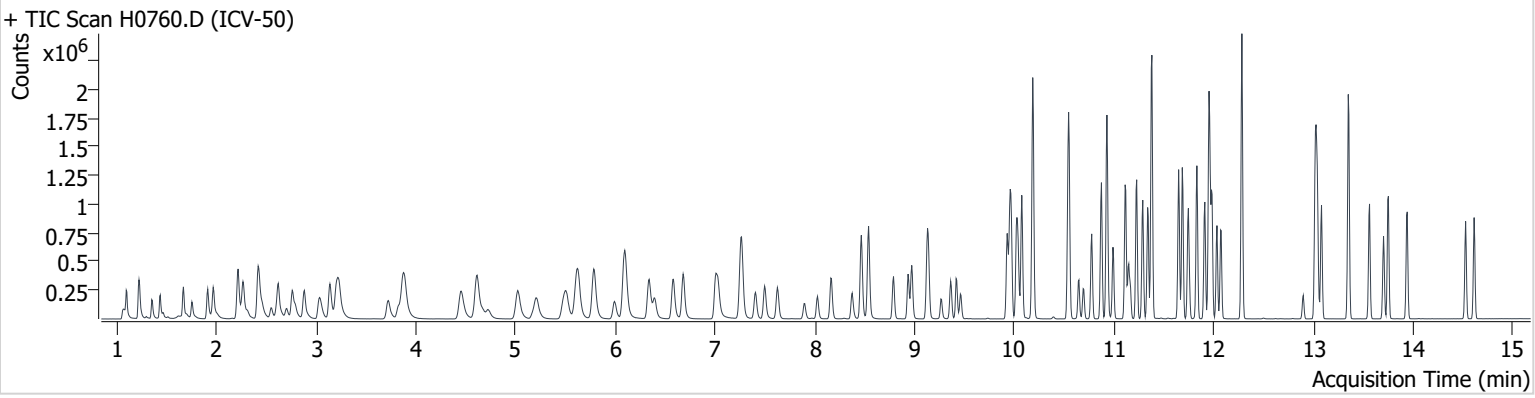
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	20.1	18392	Pass
75	95	30	60	50.8	46448	Pass
95	95	100	100	100.0	91344	Pass
96	95	5	9	6.6	6027	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	83.5	76304	Pass
175	174	5	9	8.5	6458	Pass
176	174	95	101	99.8	76128	Pass
177	176	5	9	6.4	4891	Pass

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\MSVOA16\Data\090825\H0760.D
Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0760.D

Acq. Date-Time	9/8/2025 7:04:36 PM	**Name**	ICV-50
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	242039	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	396411	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	342164	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	198418	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	125998	49.3026	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	477479	48.3393	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	155445	48.6886	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	146437	49.6446	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	176217	59.3939	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	172337	58.4820	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.002	135649	50.2433	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	172173	54.4665	ug/L
Bromomethane	94.000	0.296	0.001	1.663	0.007	144413	60.1525	ug/L
Chloroethane	64.000	0.311	0.001	1.751	0.004	109389	47.2292	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.002	236760	49.6678	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	231644	53.6663	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.002	132899	51.6617	ug/L
Diethyl Ether	59.000	0.394	0.000	2.215	0.001	110055	49.6825	ug/L
Freon 123	83.000	0.402	0.000	2.263	0.002	197165	50.9725	ug/L
Acrolein	56.000	0.411	0.000	2.311	0.001	18333	117.5537	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	213337	54.4616	ug/L
Freon 113	101.000	0.431	0.000	2.424	0.002	138039	51.2339	ug/L
Acetone	43.000	0.437	0.000	2.455	0.001	54642	50.4772	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	123920	38.3867	ug/L
2-Propanol	45.000	0.464	0.000	2.608	0.001	182473	1150.5740	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	344259	52.4631	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.003	287855 LT	326.7014	ug/L
Methyl Acetate	43.000	0.495	0.000	2.786	0.000	110076	51.2622	ug/L

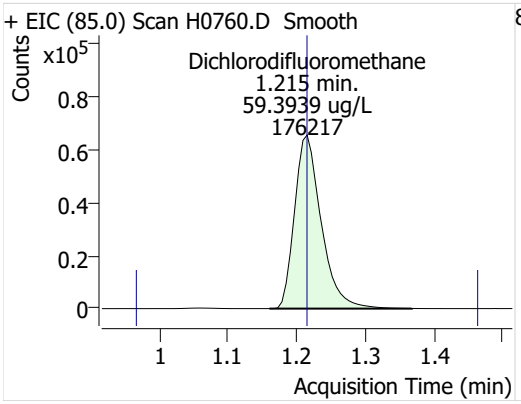
Masshunter Quantitative Analysis Sample Report

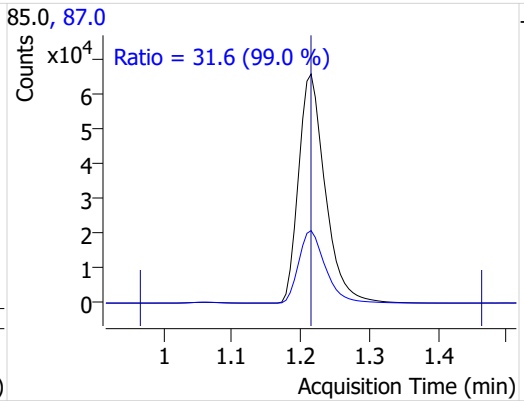
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	133907	50.9141	ug/L
TBA	59.000	0.539	0.001	3.032	0.003	306814	1253.3785	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	304403	273.3918	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	173070	49.9214	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	394924	54.5173	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	236525	53.2508	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	192339	51.3150	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	121969	58.4710	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	376311	49.6012	ug/L
ETBE	59.000	0.791	0.000	4.449	0.001	378358	53.2927	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.001	159171	57.4529	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.611	0.003	197877	59.6318	ug/L
2-Butanone	43.000	0.831	0.000	4.672	0.001	70582	51.8132	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	119932	280.2827	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	101204	51.9965	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.001	62712	56.2648	ug/L
Tetrahydrofuran	42.000	0.919	0.000	5.170	0.002	44320	53.6351	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	233078	51.0178	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	210327	56.1122	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	200163	54.3951	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	188923 BA	55.7366	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	177105	56.1652	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	511998	53.9669	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	193895	52.8459	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.099	0.001	114802	1204.9793	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	363938	55.2395	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	189532	57.2943	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	157176	53.9006	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	193254	2959.8579	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	178092	51.7768	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.263	0.000	140525	53.8631	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	96304	51.7182	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	41126	1071.0369	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	101336	56.6269	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	178682	51.6510	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	96089	111.5191	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.000	86869	111.6260	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	195691	56.8736	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.369	0.001	146864	58.2409	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	574451	55.3284	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.781	0.000	172094	56.9268	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	176533	55.9692	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	129710	54.2088	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	147121	56.9480	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	208496	52.7047	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	56842	58.8000	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	149179	54.1202	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	213382	57.7792	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	124024	54.0054	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	384711	53.6758	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.965	0.000	189655	50.8087	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.017	0.000	182774	51.6250	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	140524	56.3143	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	637709	57.5359	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	999625	119.7275	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	503461	56.4769	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	433941	57.9272	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	98340	58.3257	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	189338	50.6588	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.866	0.000	637306	63.2987	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	571480	1196.7612	ug/L

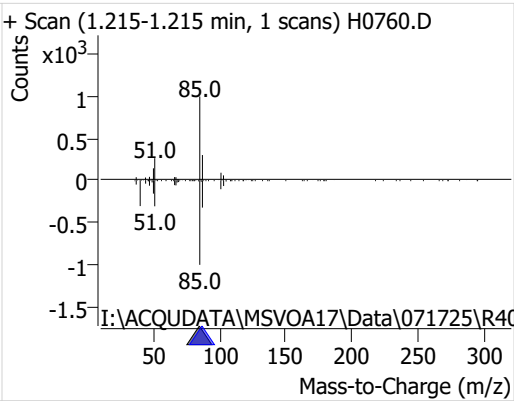
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	174452	55.3771	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	169906	54.1829	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.143	0.001	211015	54.1943	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	42593 BA	53.8728	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	729237 BA	57.9402	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	430168	56.8221	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.335	0.001	385946	50.6247	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	569584	59.3426	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	595351	57.8157	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	570924	60.3405	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.681	0.000	574958	61.1468	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	149179	53.5260	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.001	733854	60.6437	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.001	324482	54.3271	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.945	0.000	664450	63.5899	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	334841	53.2150	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	131158	50.9919	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	151852	51.3005	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	315043	53.9891	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	585565	62.3255	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	44630	56.9032	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.018	0.000	865149	162.2850	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	232461	51.3249	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	629536	109.6999	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	232347	55.0566	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	93259	59.3539	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	683782	63.6646	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	224307	55.1111	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	176163	58.4472	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	164382	61.1563	ug/L

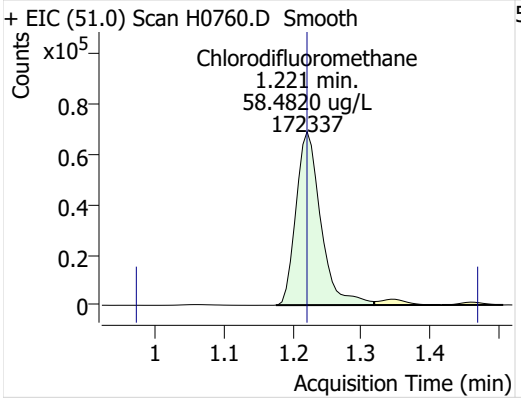
Dichlorodifluoromethane

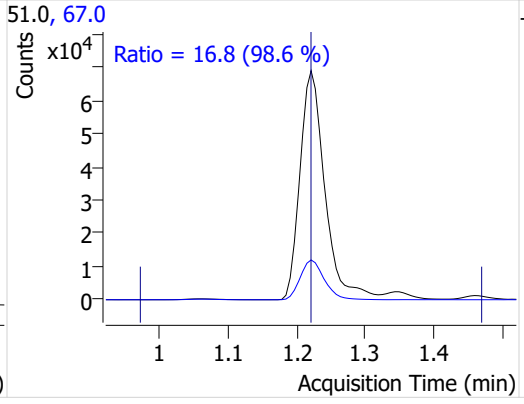


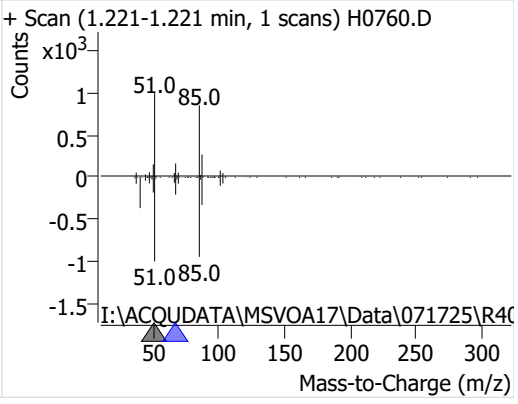




Chlorodifluoromethane

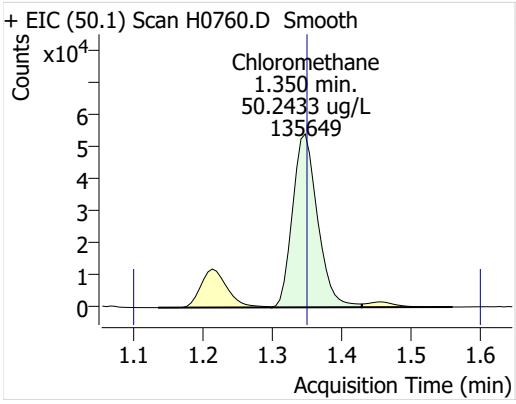


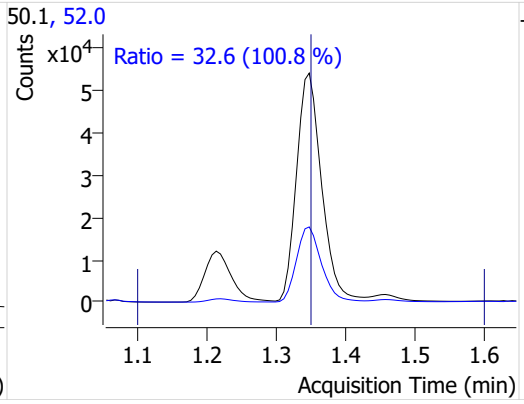


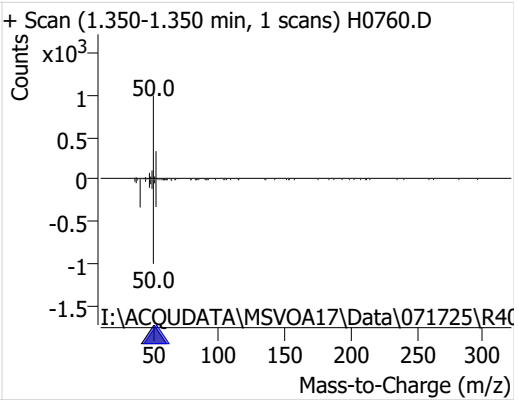


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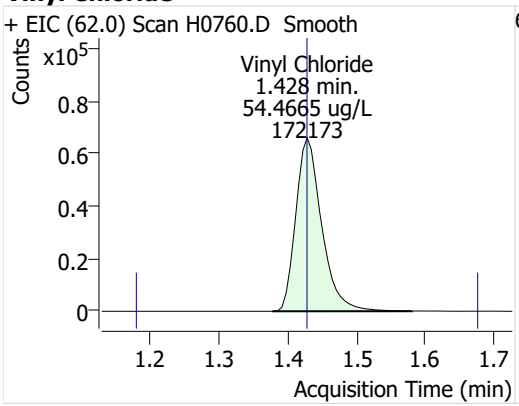
Chloromethane

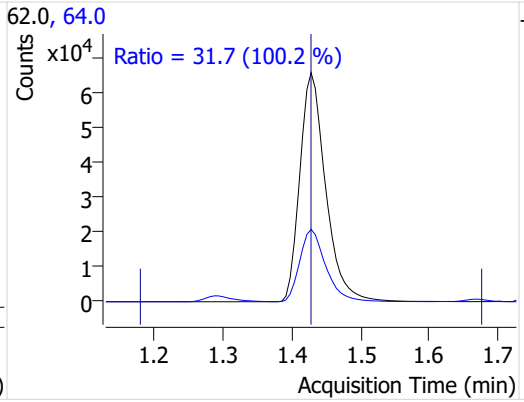


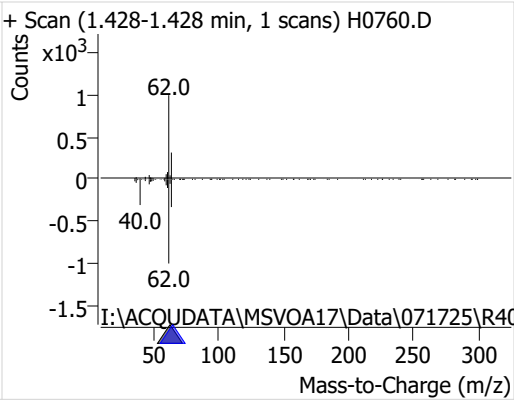




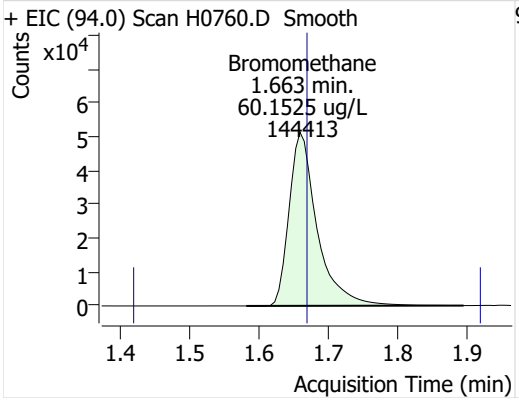
Vinyl Chloride

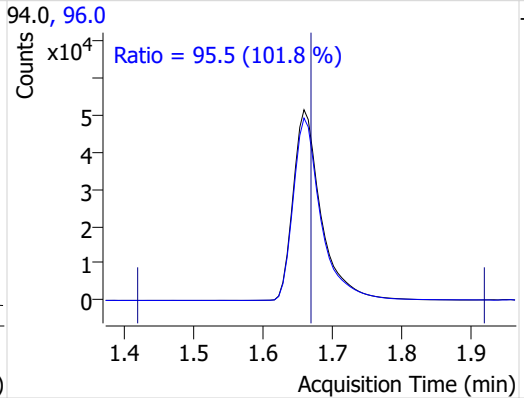


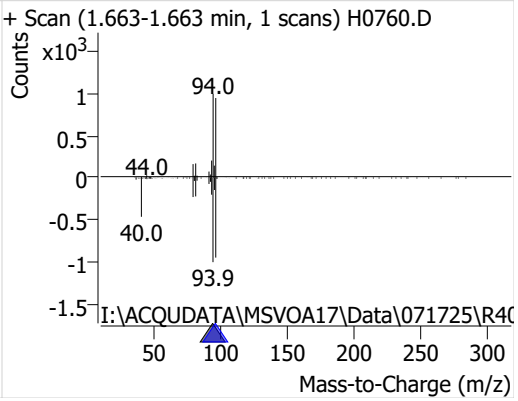




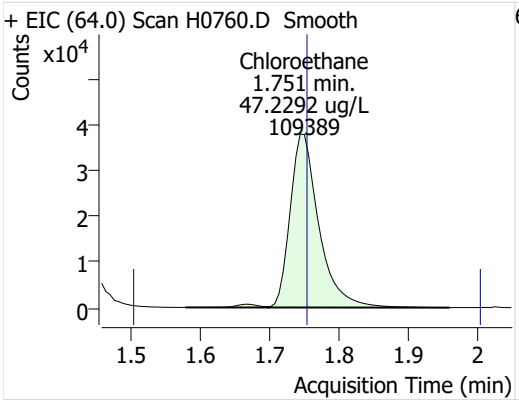
Bromomethane

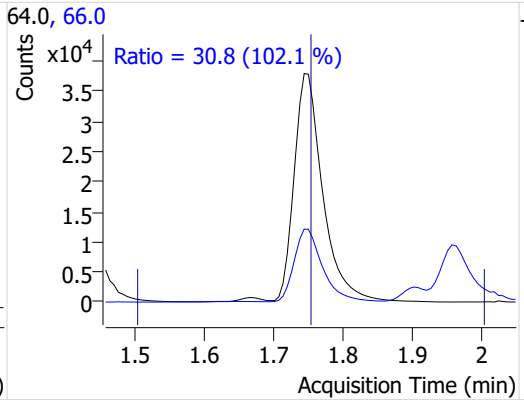


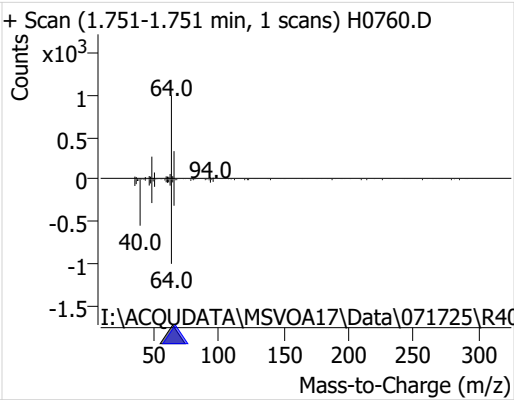




Chloroethane

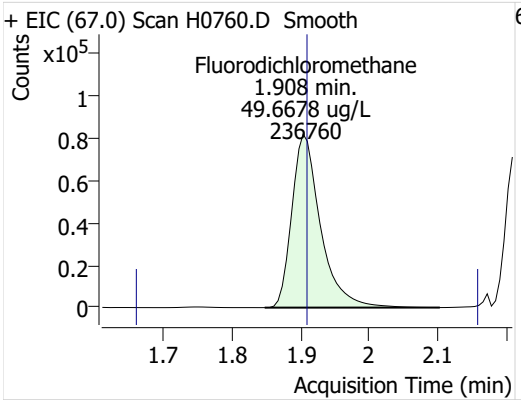


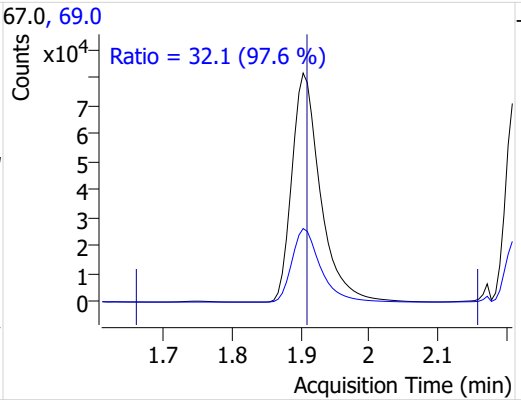


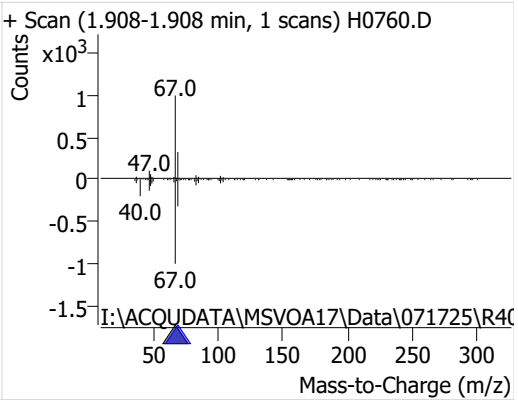


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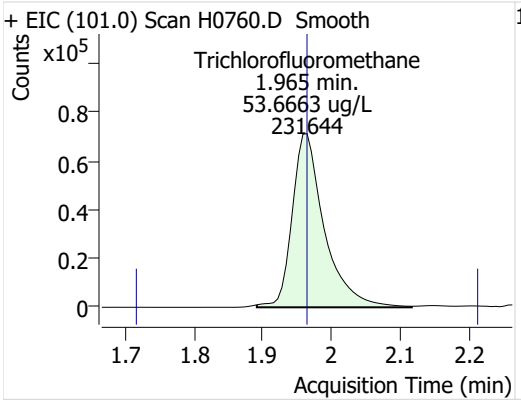
Fluorodichloromethane

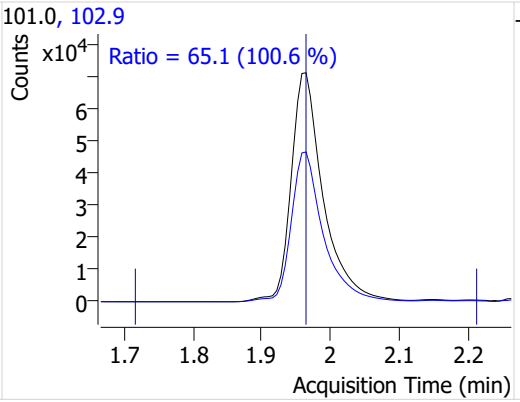


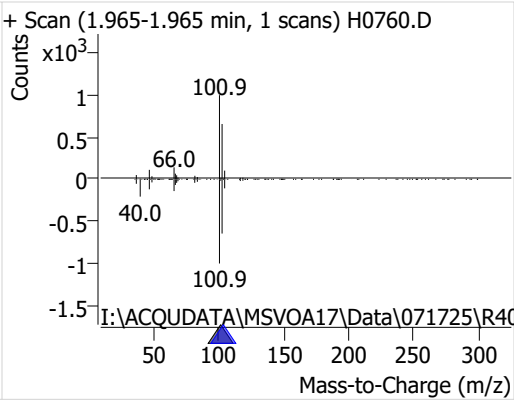




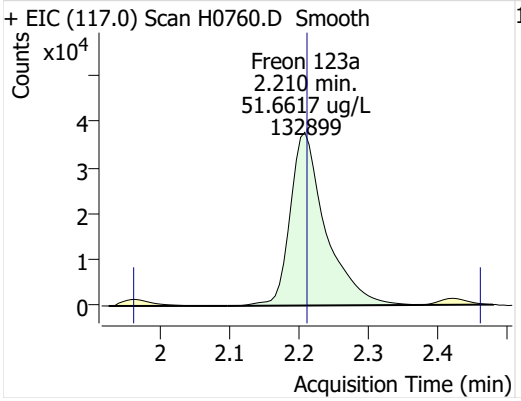
Trichlorofluoromethane

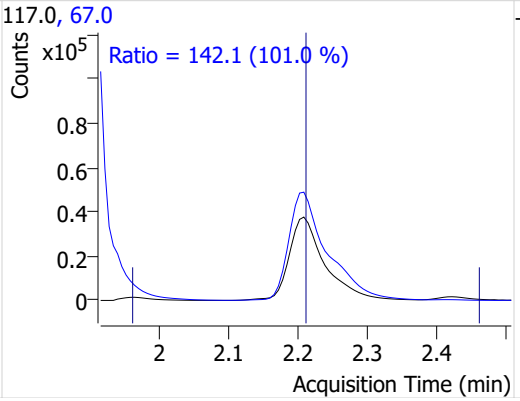


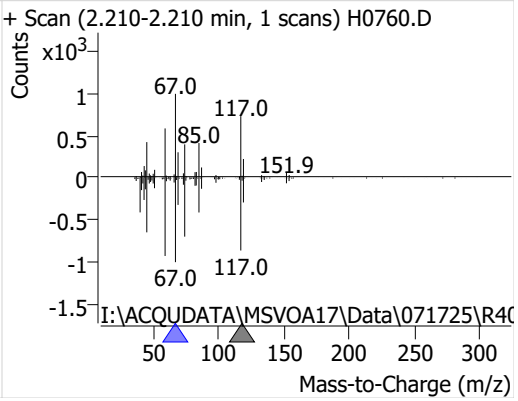




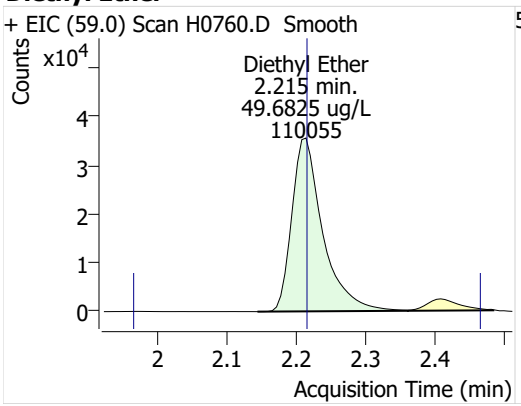
Freon 123a

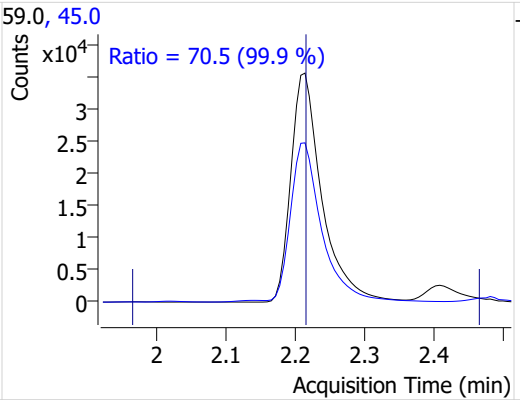


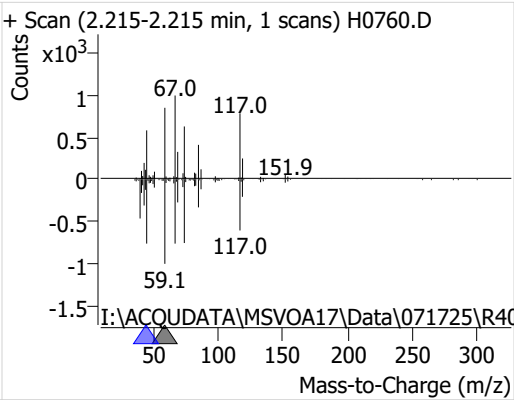




Diethyl Ether

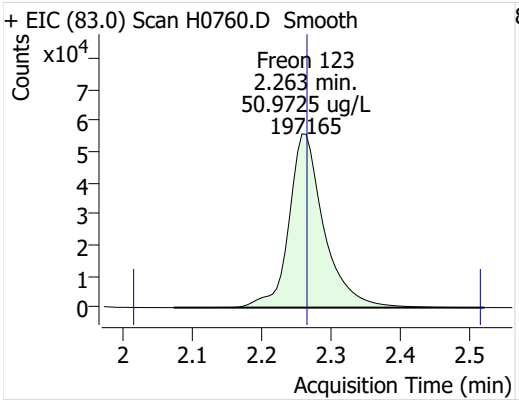


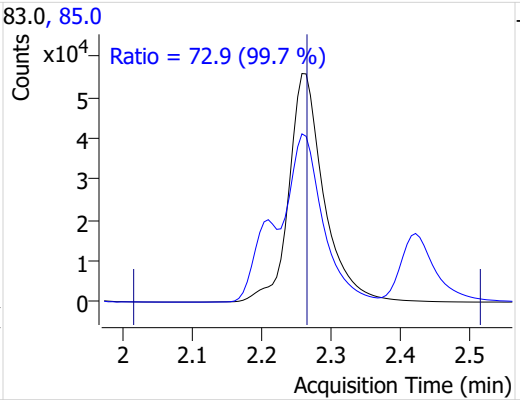


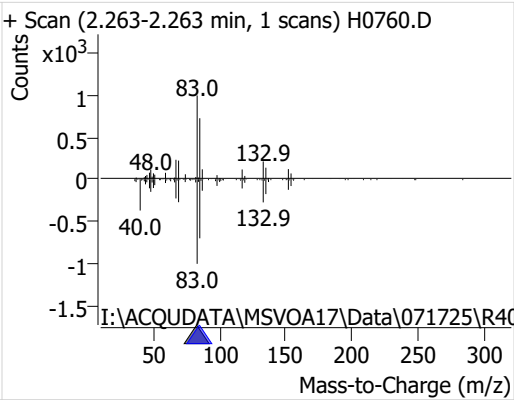


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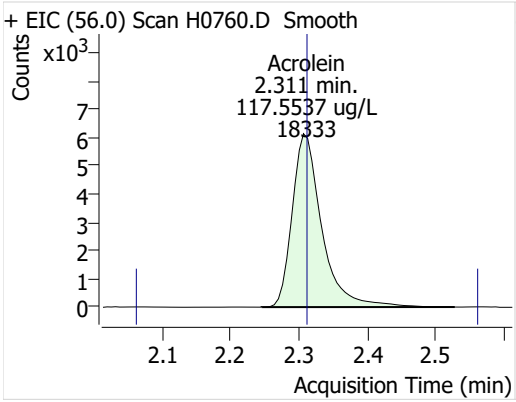
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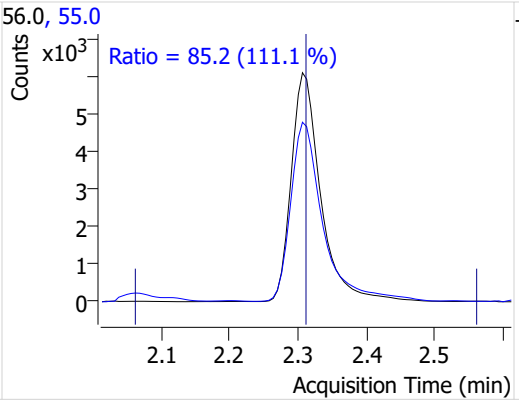


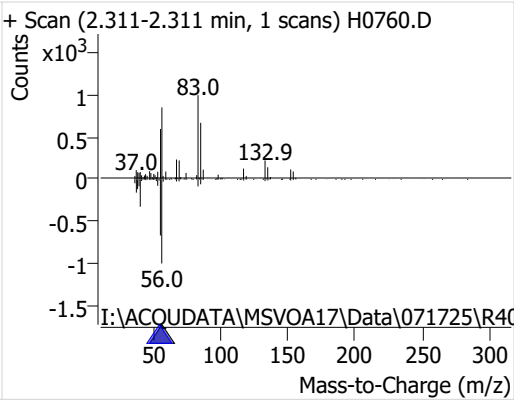




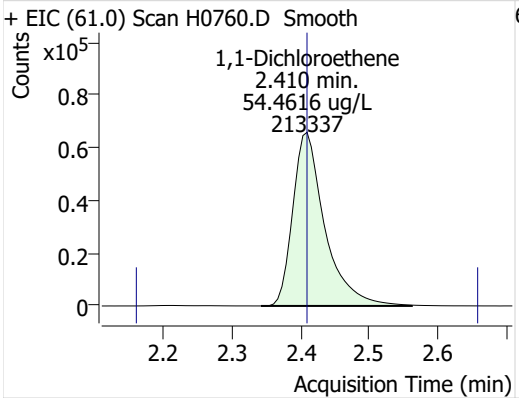
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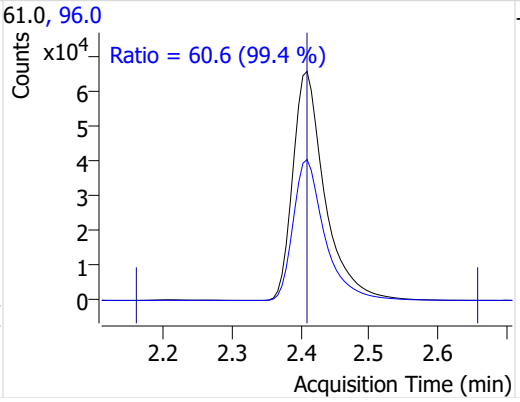


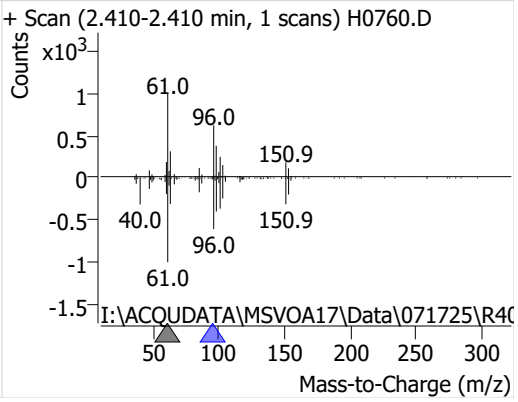




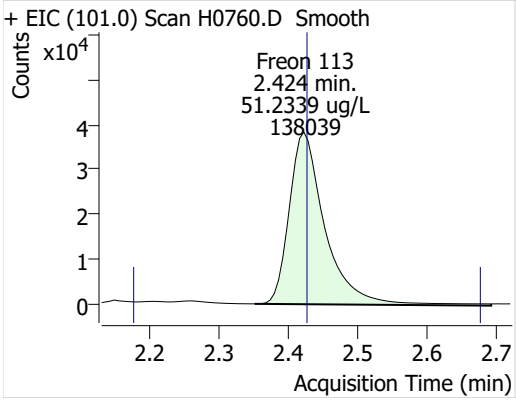
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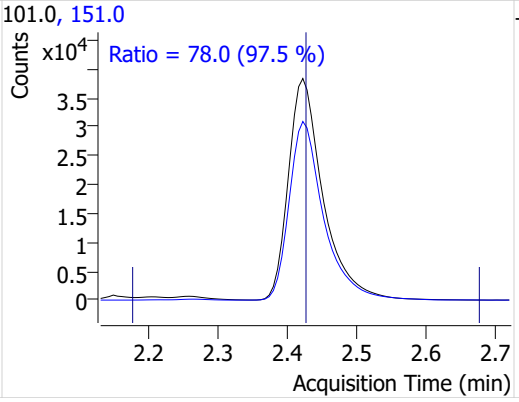


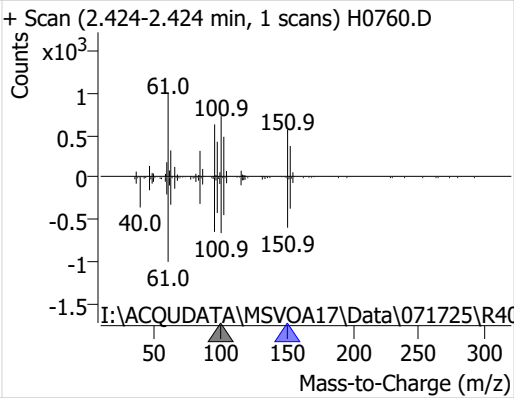




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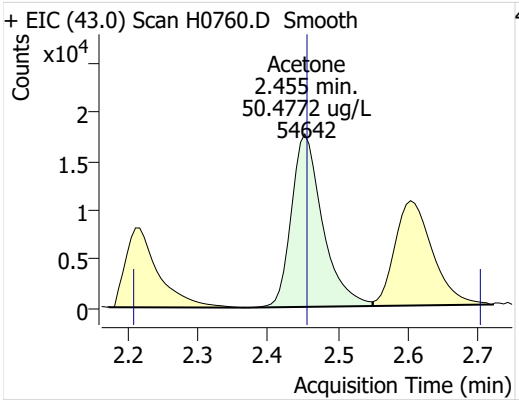


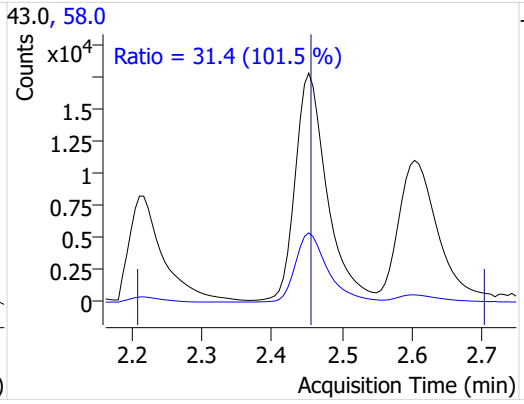


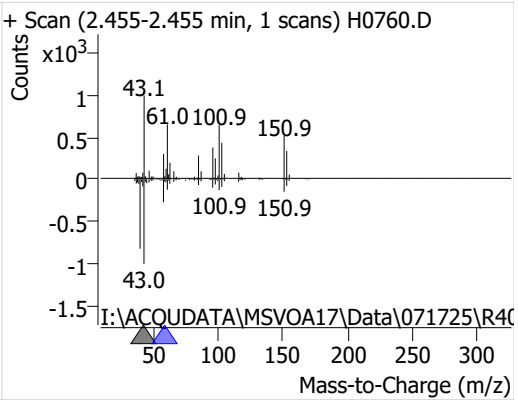


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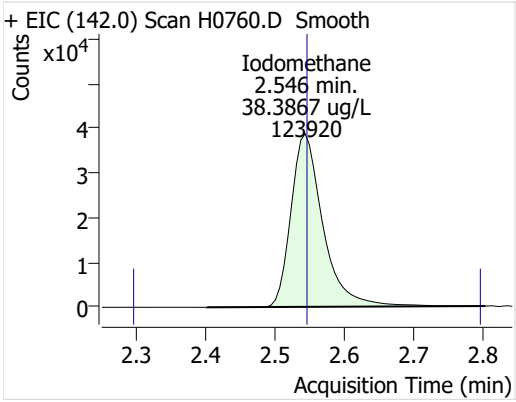
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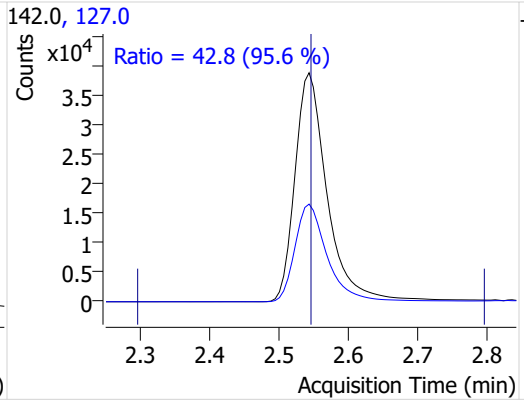


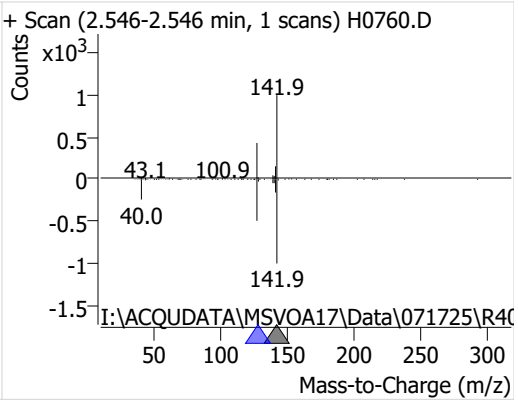




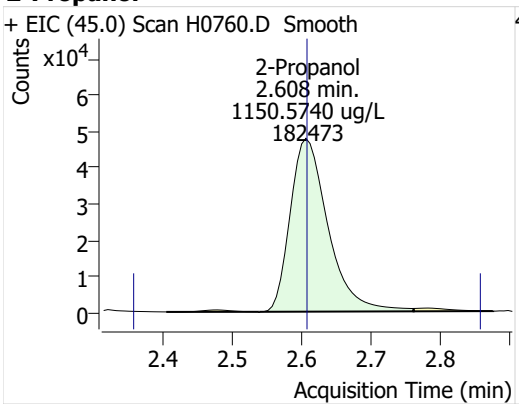
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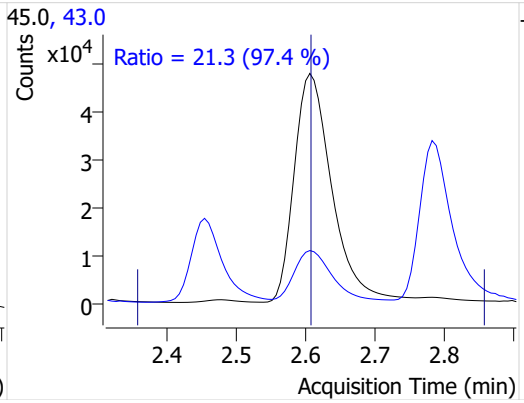


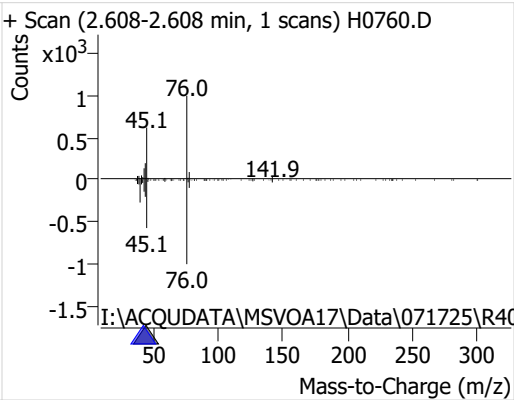




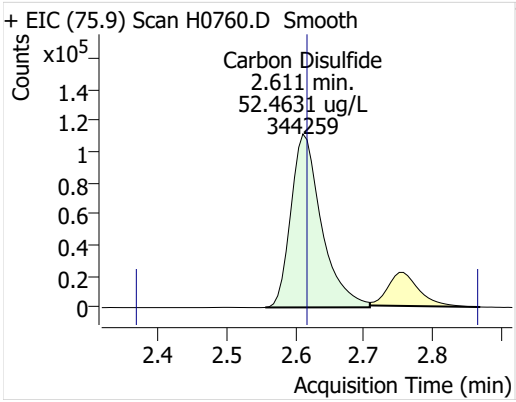
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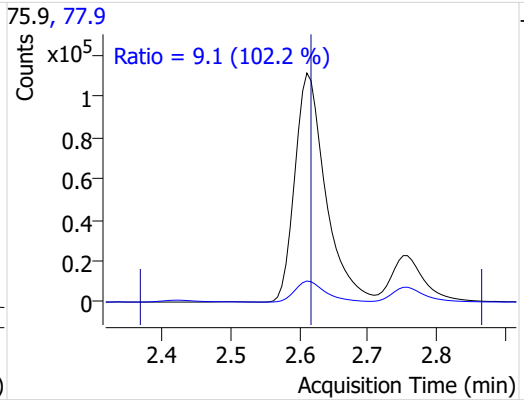


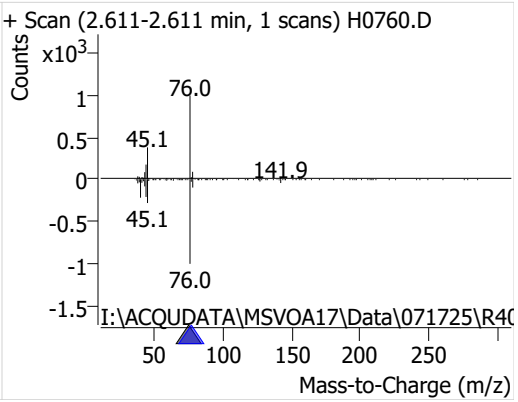




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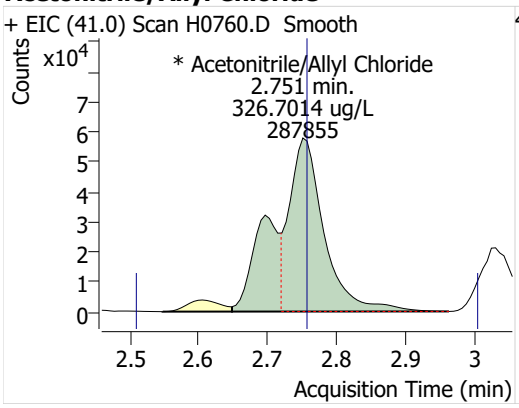


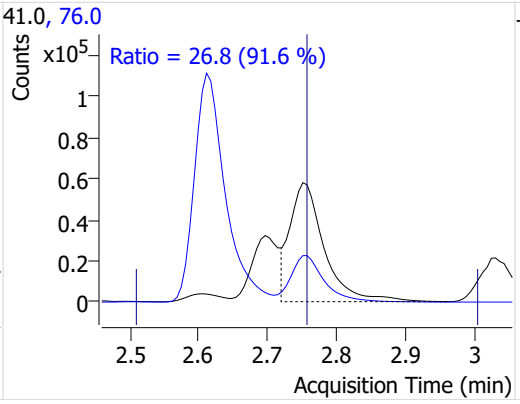


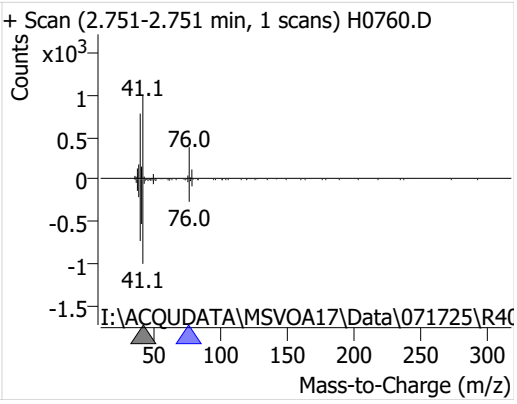


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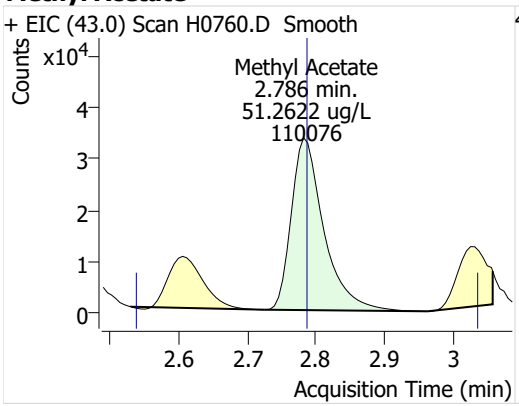
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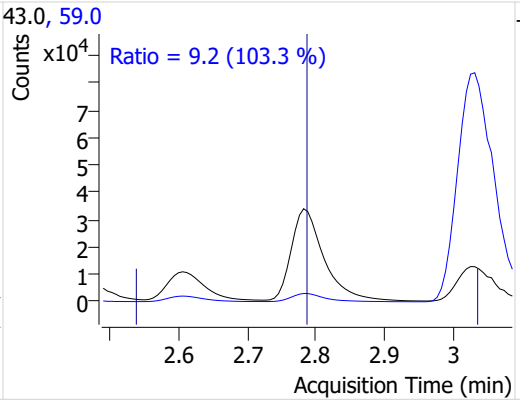


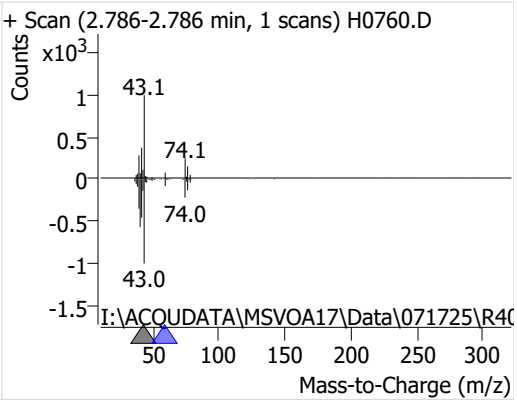




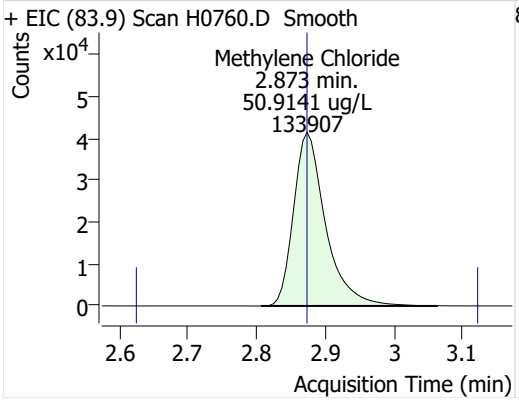
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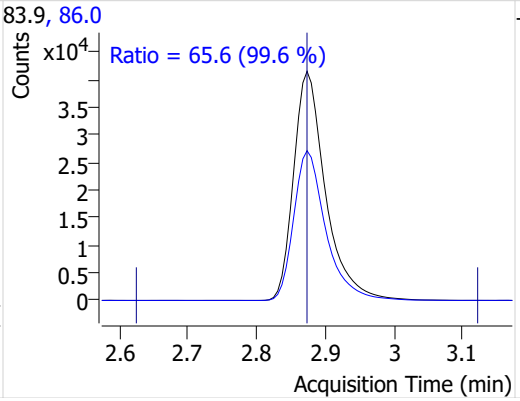


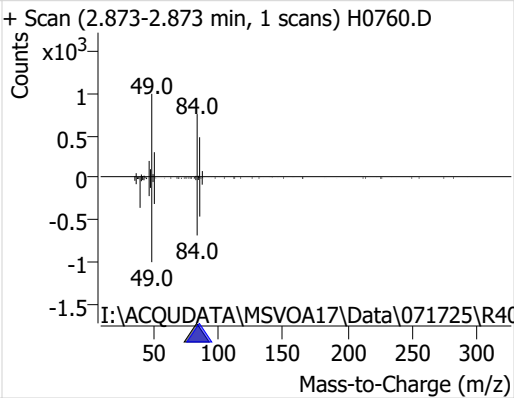




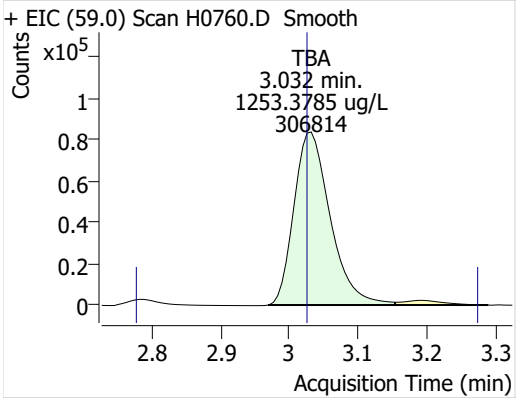
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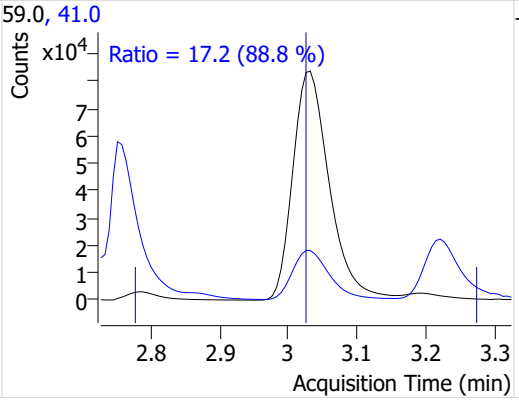


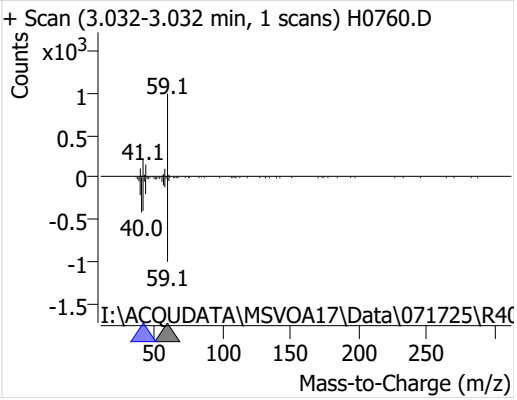




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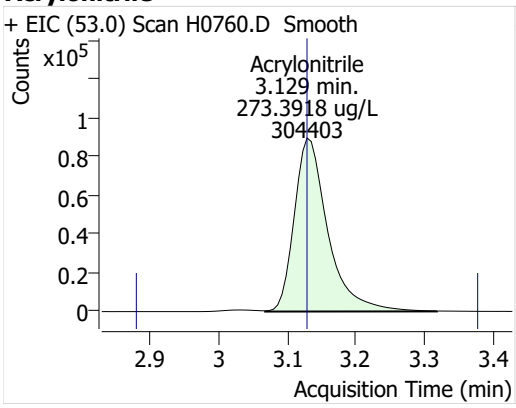


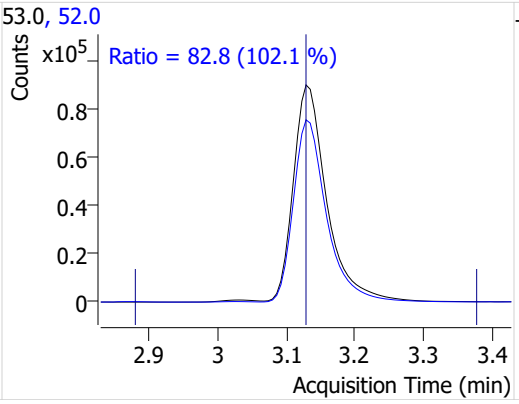


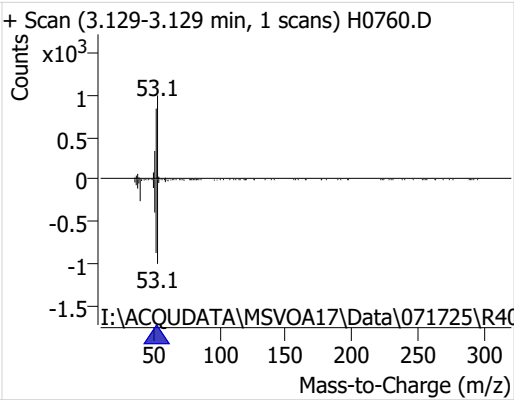


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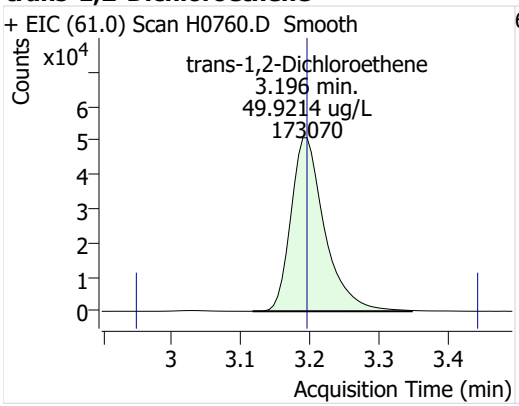
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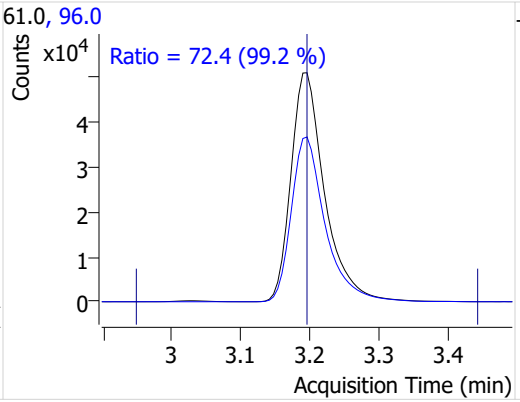


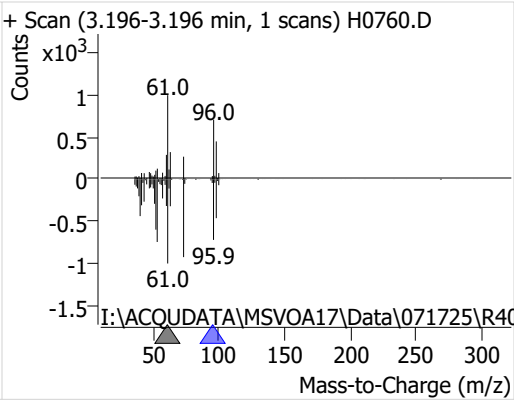




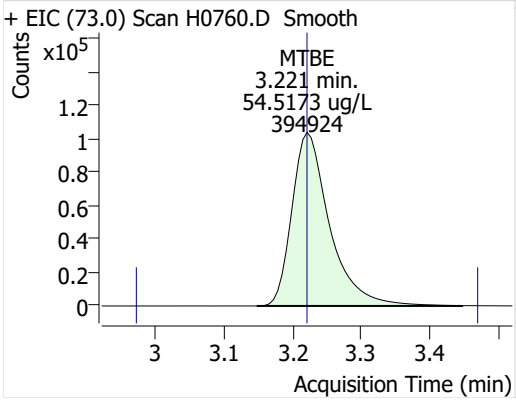
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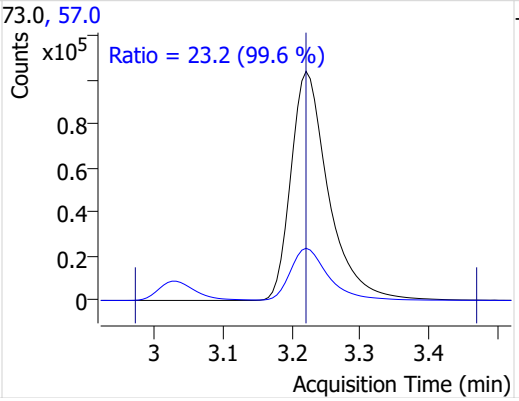


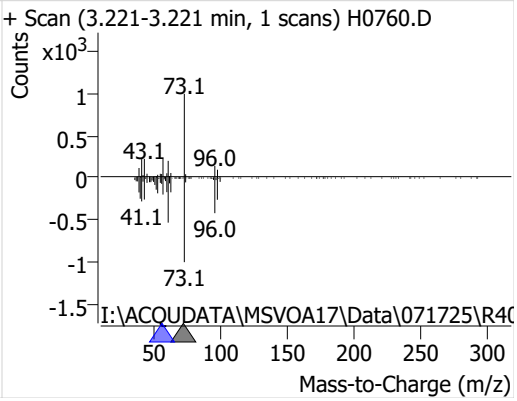




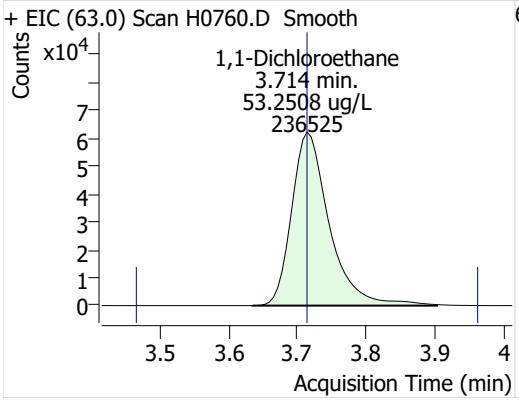
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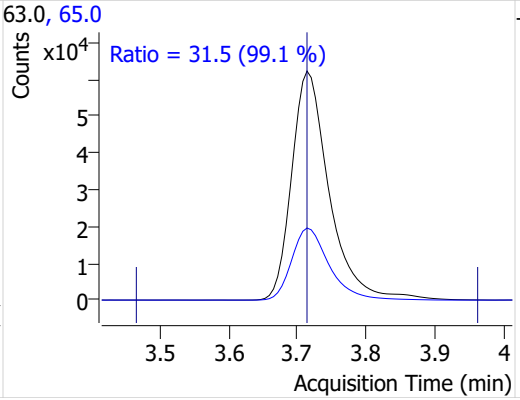


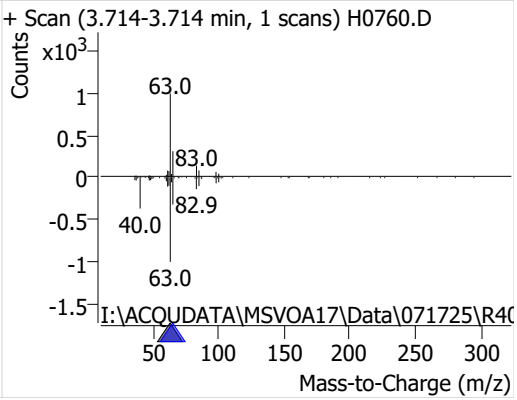




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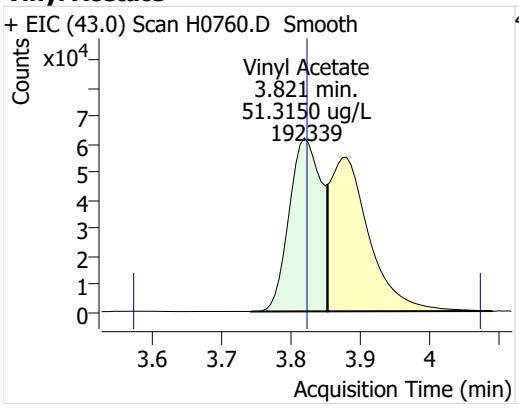


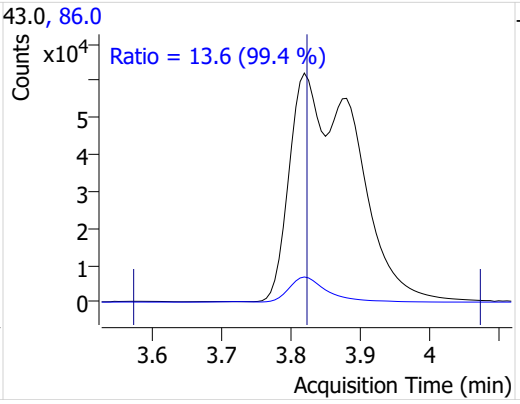


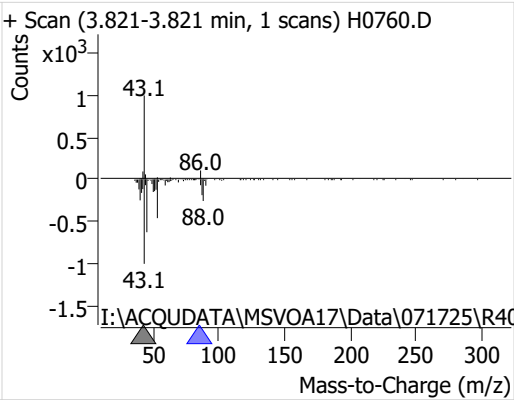


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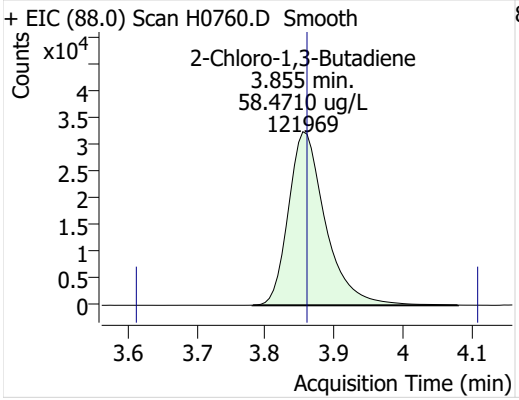
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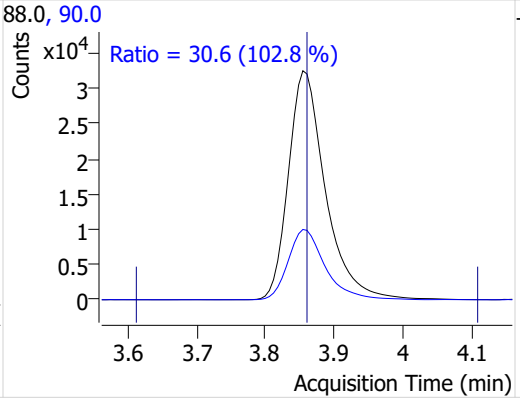


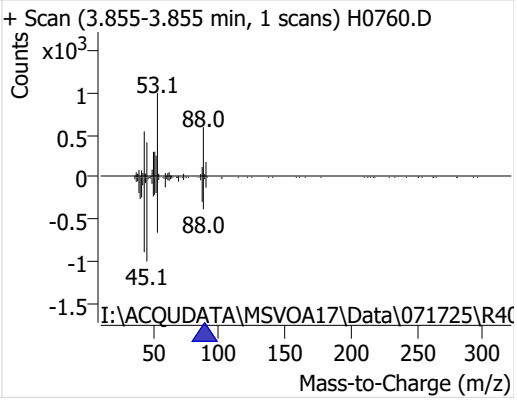




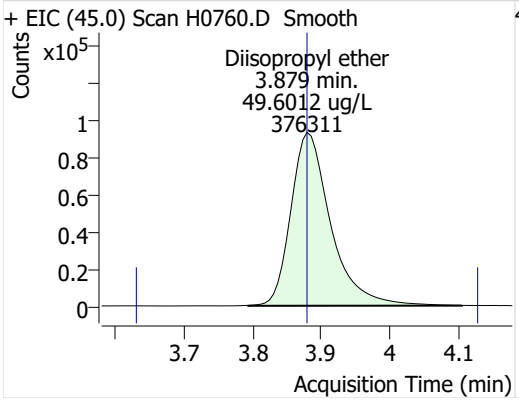
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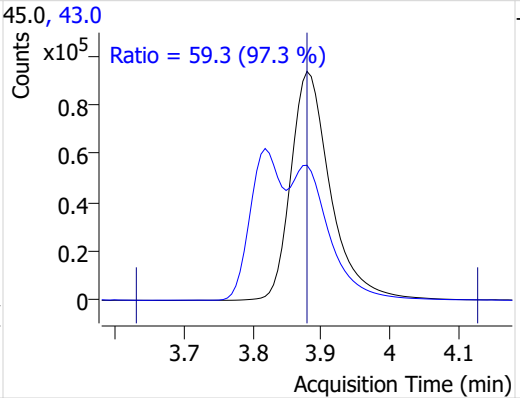


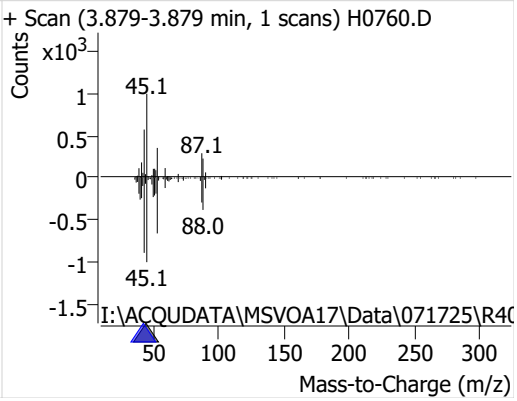




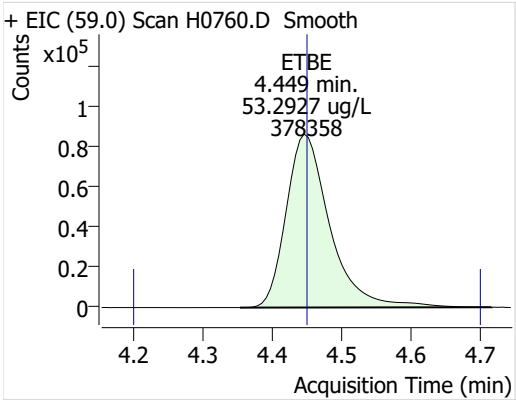
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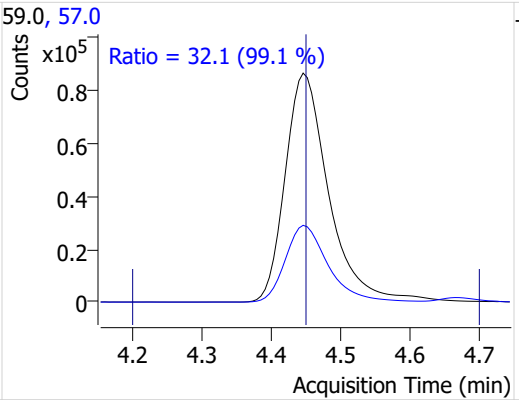


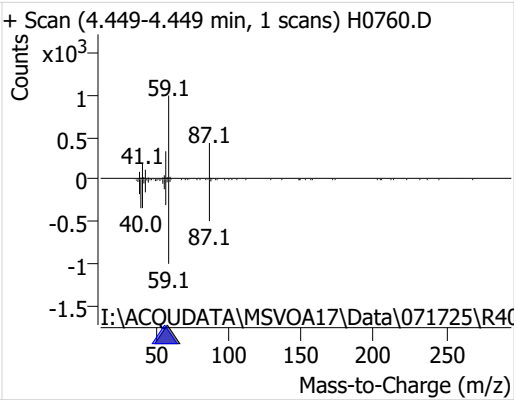




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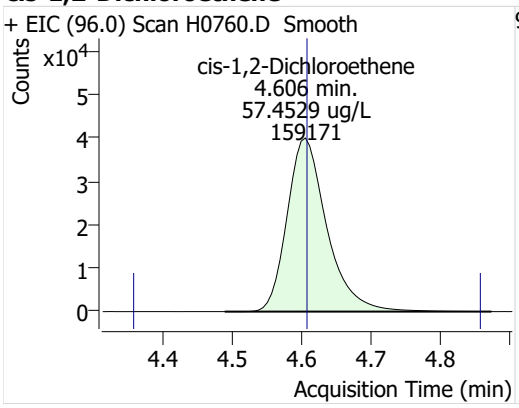


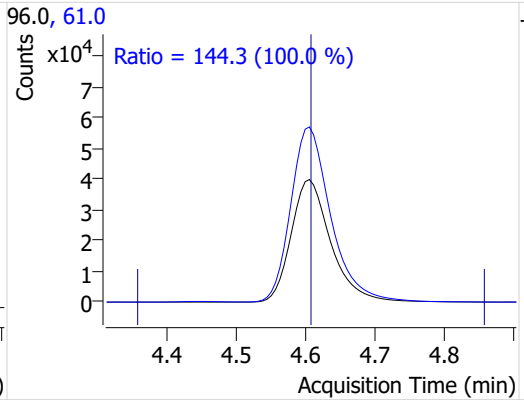


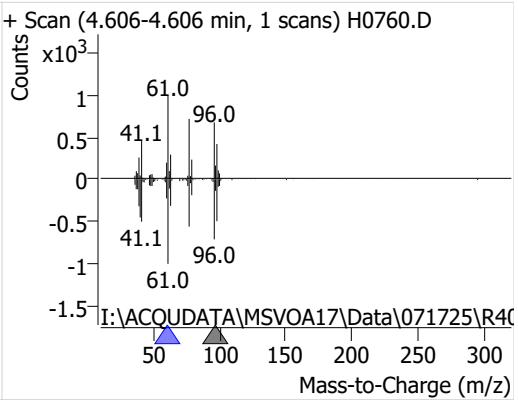


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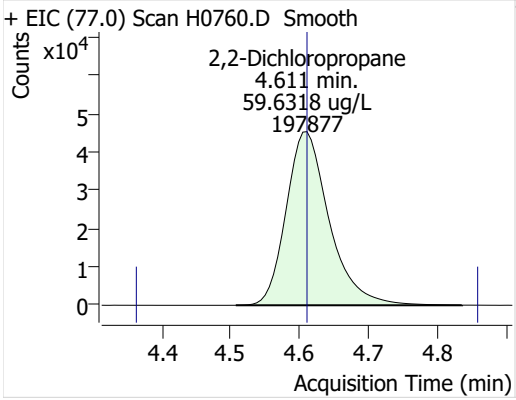
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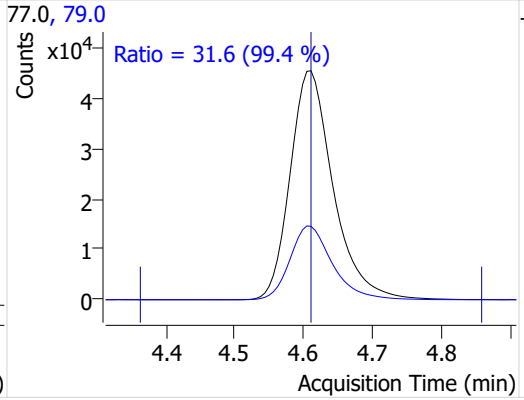


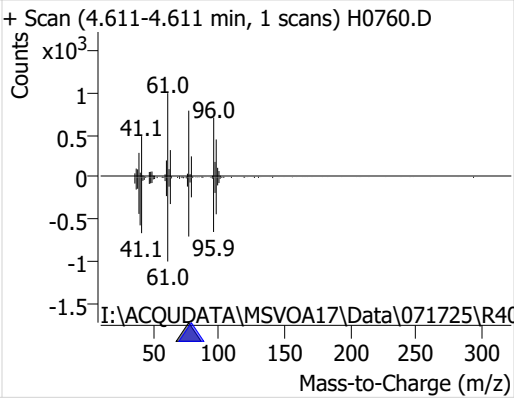




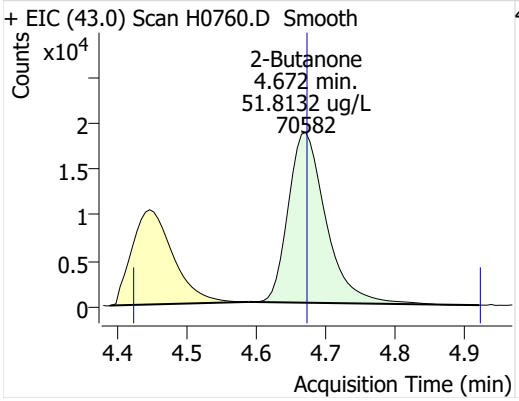
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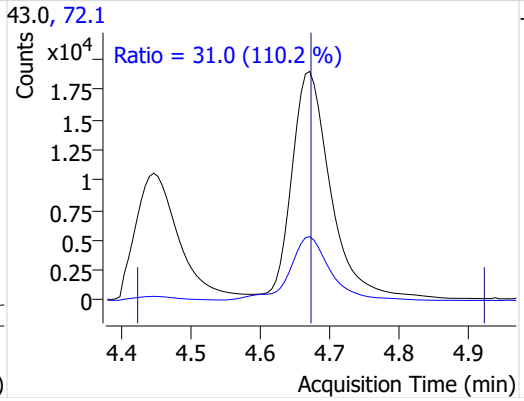


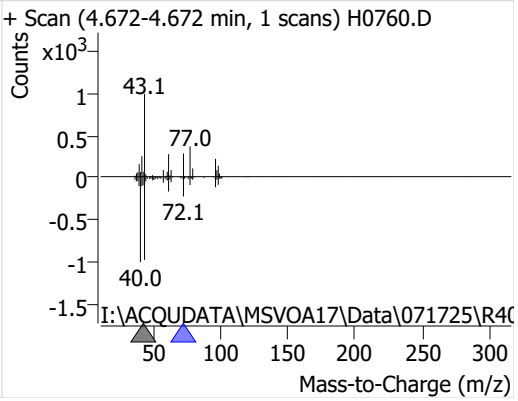




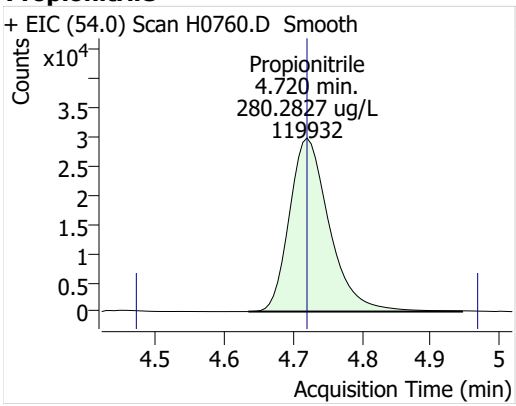
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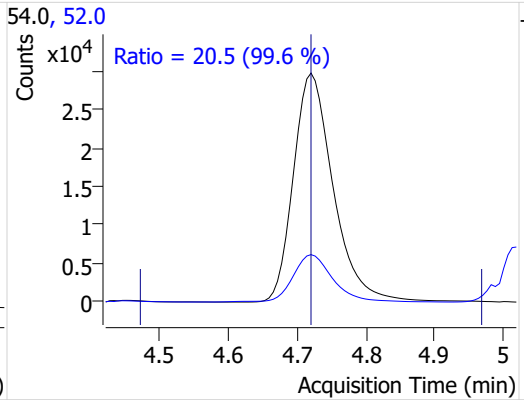


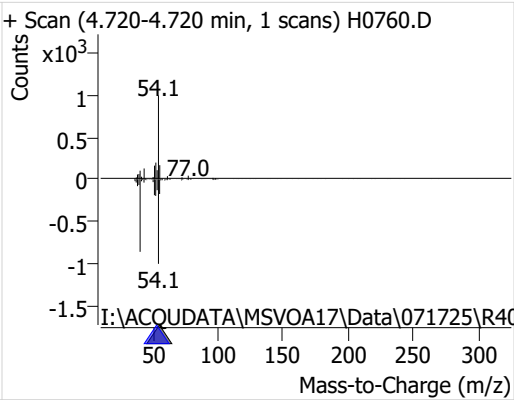




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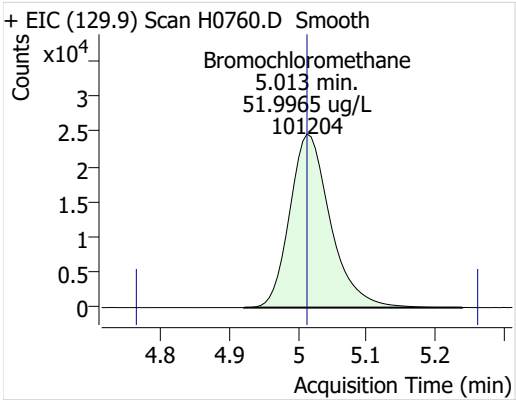


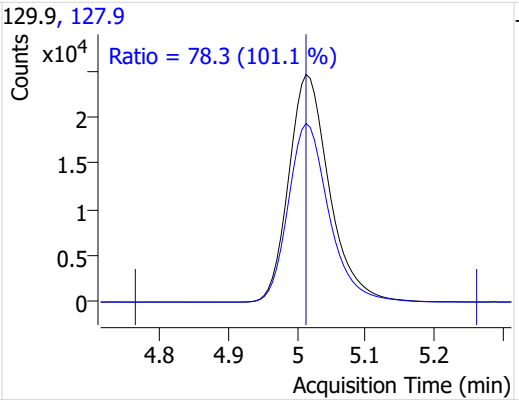


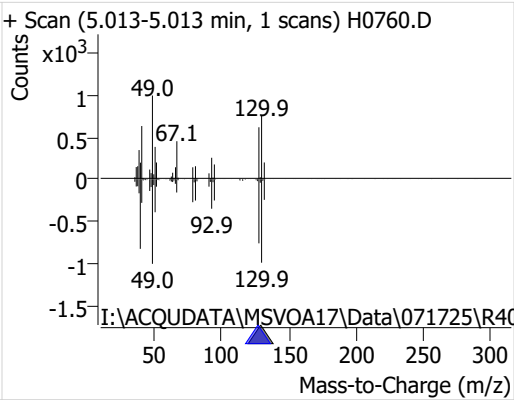


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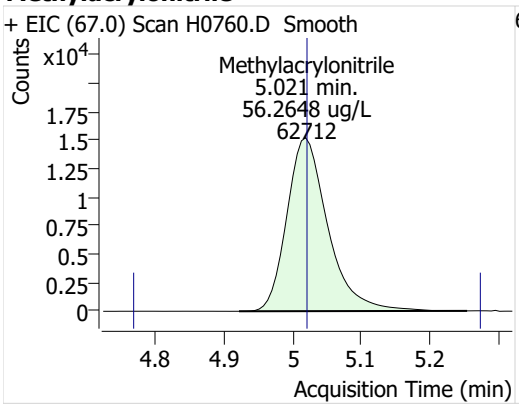
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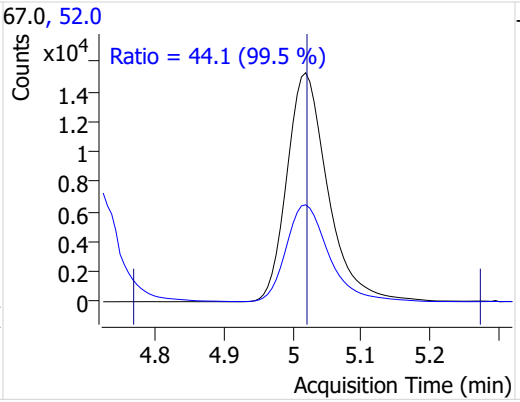


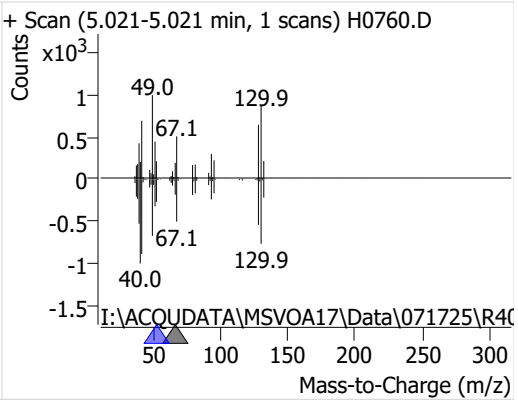




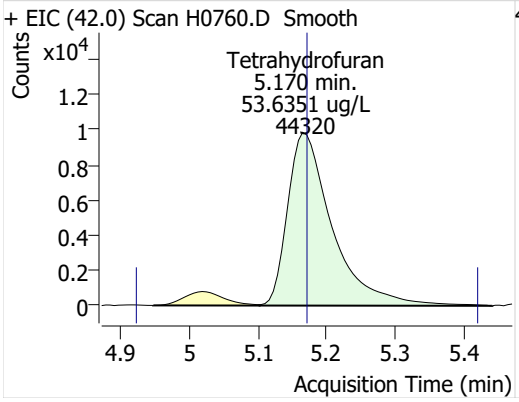
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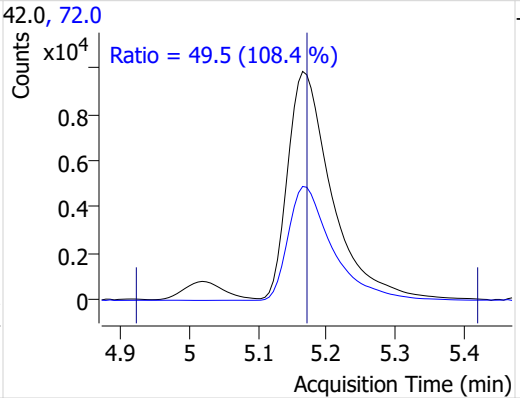


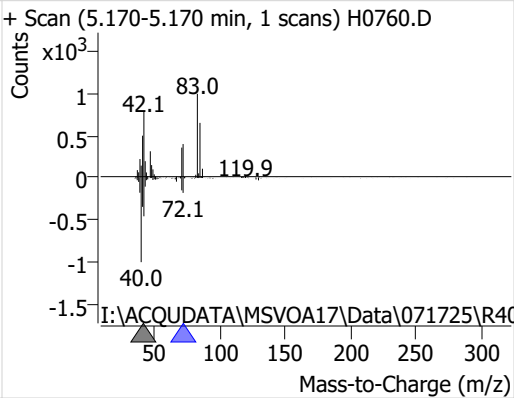




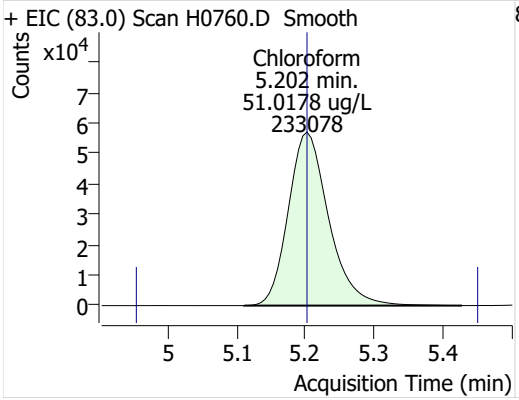
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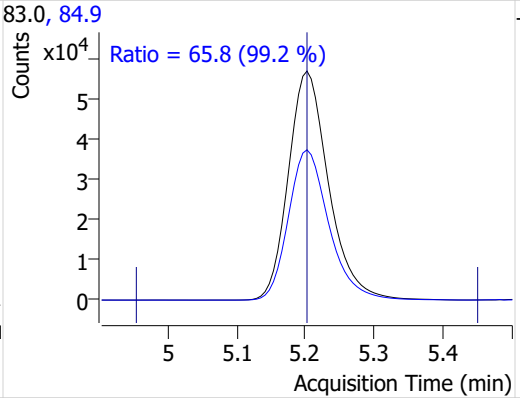


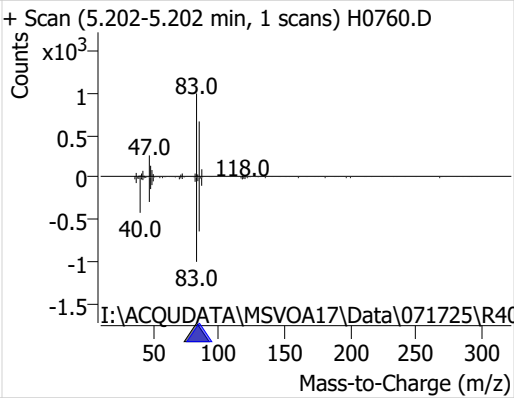




Chloroform

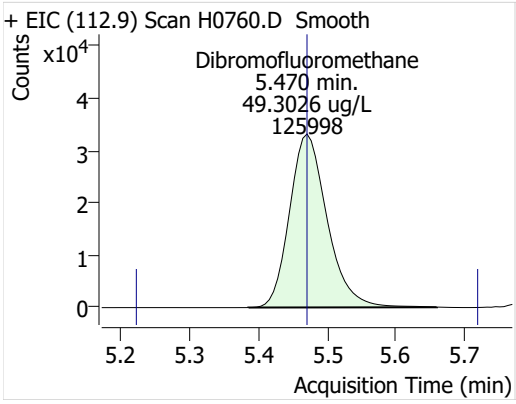


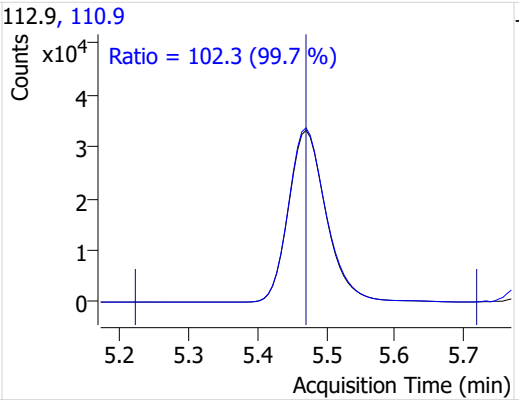


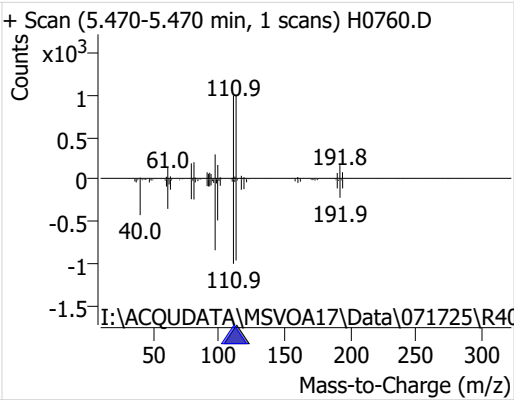


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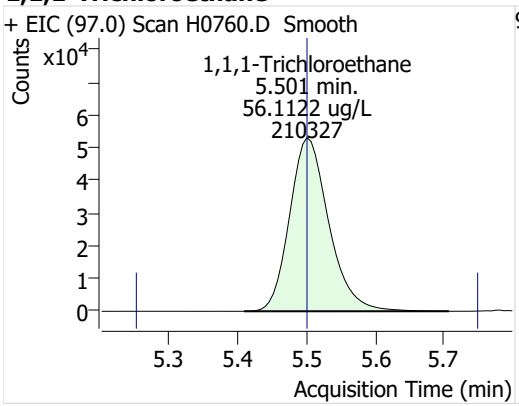
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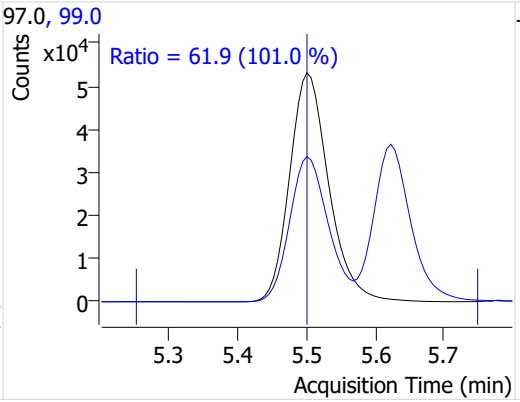


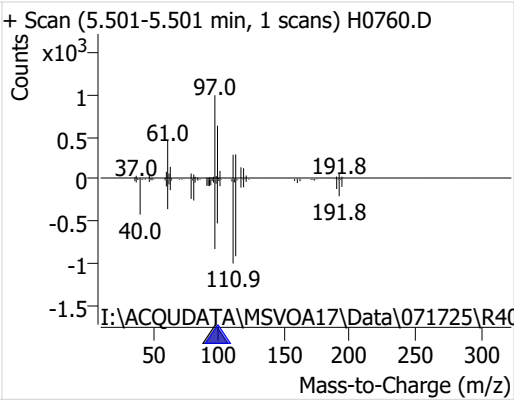




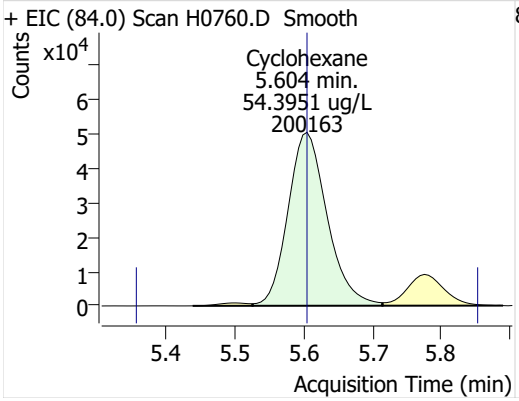
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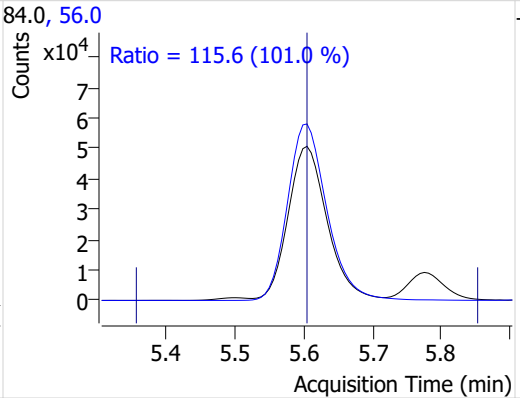


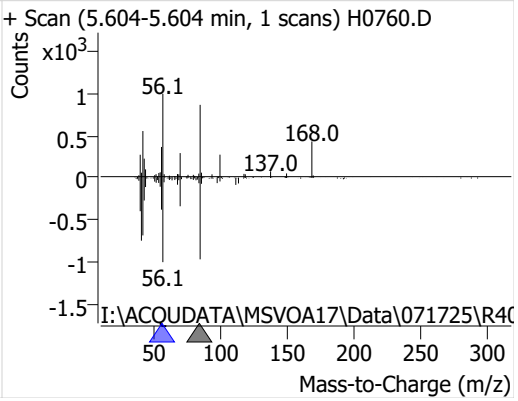




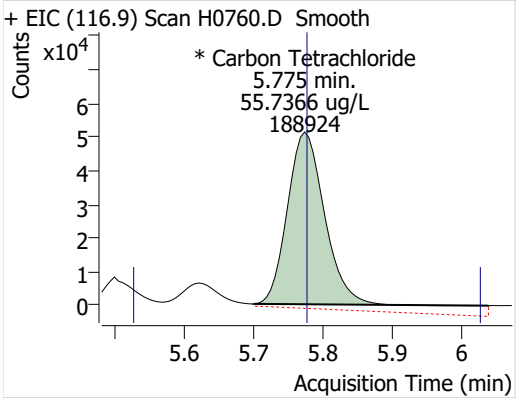
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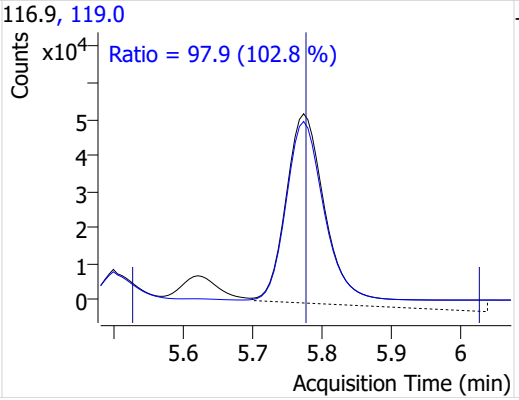


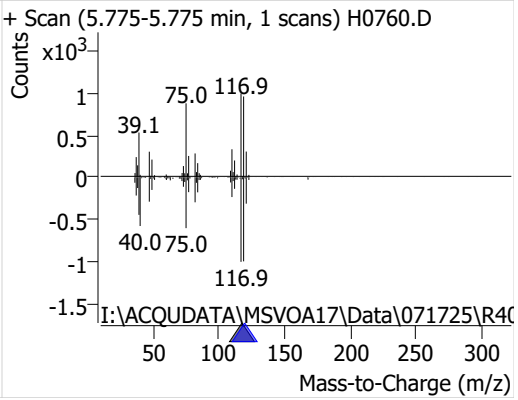




Carbon Tetrachloride

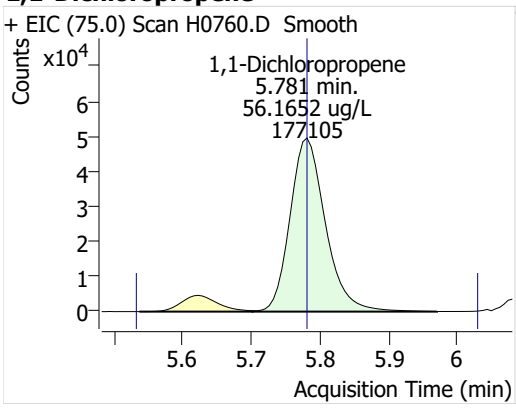


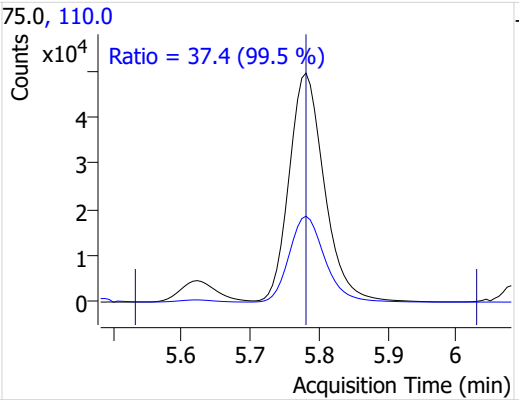


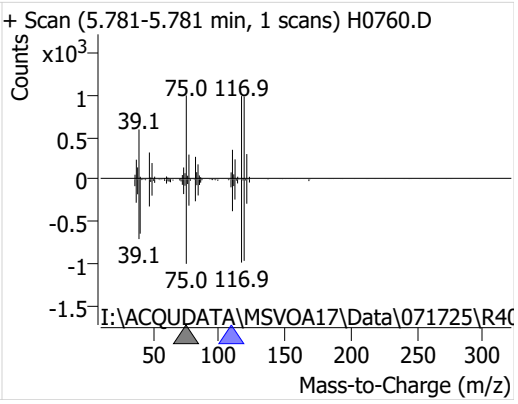


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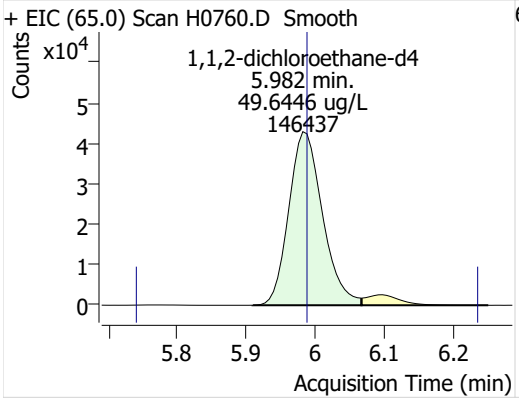
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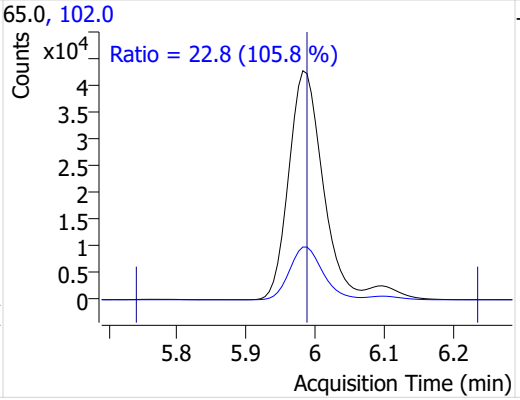


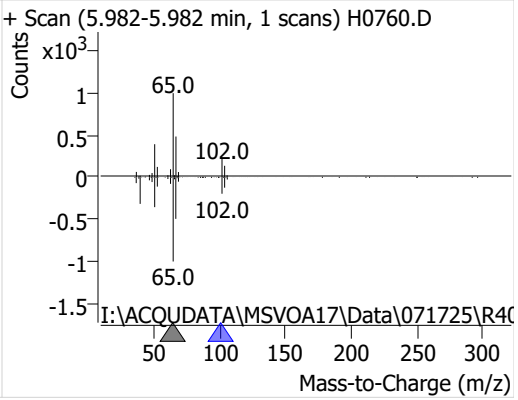




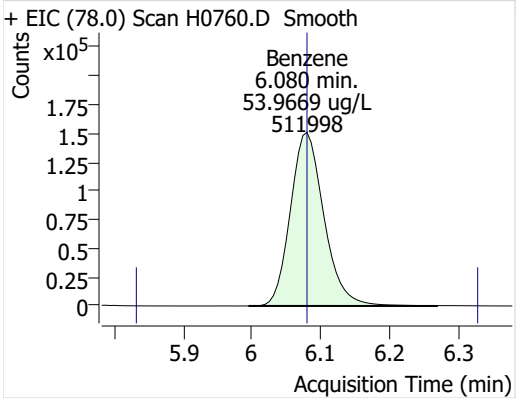
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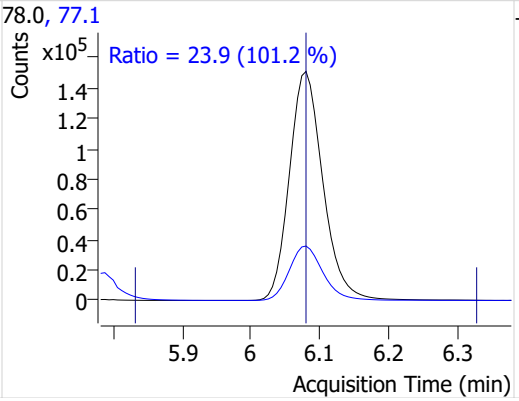


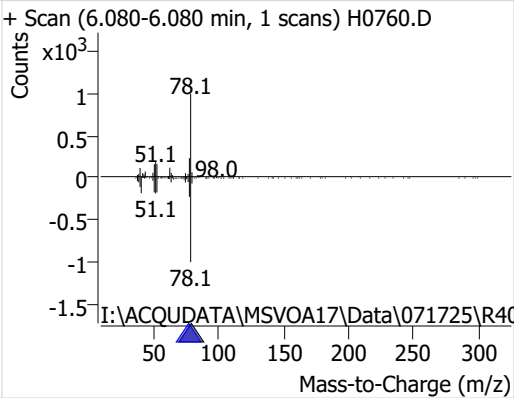




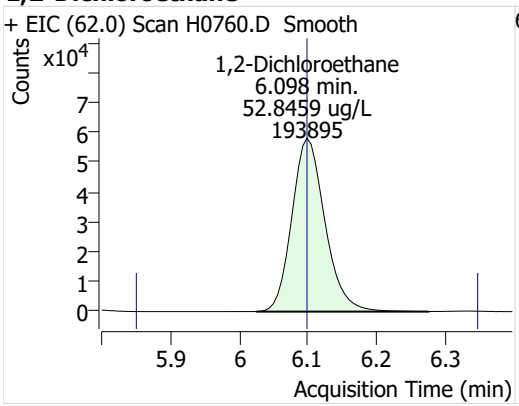
Benzene

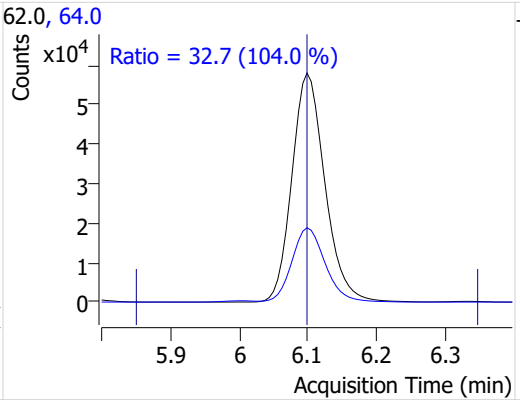


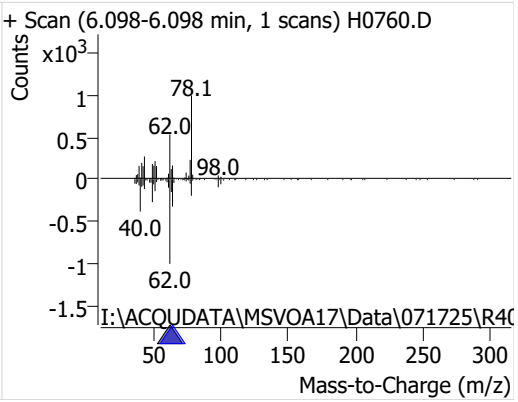




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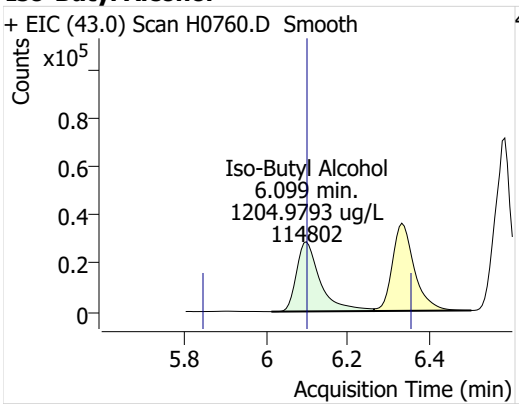


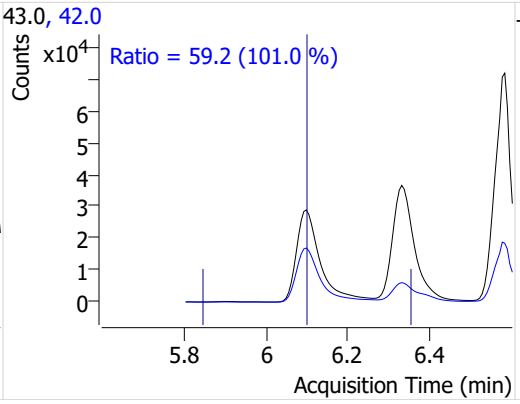


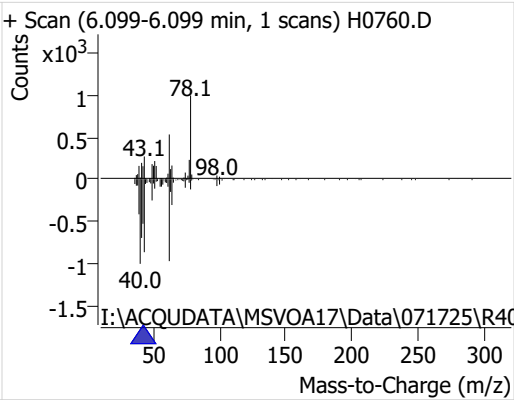


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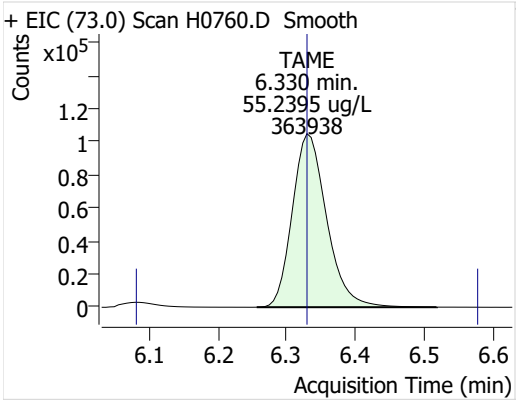
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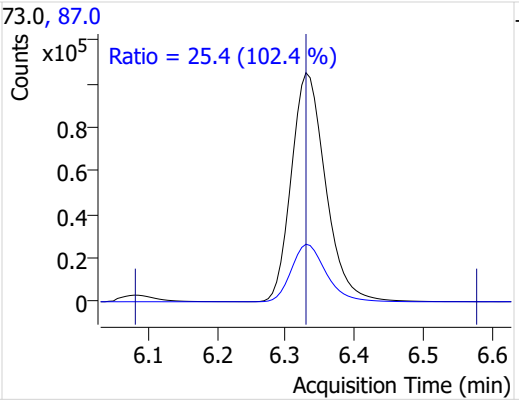


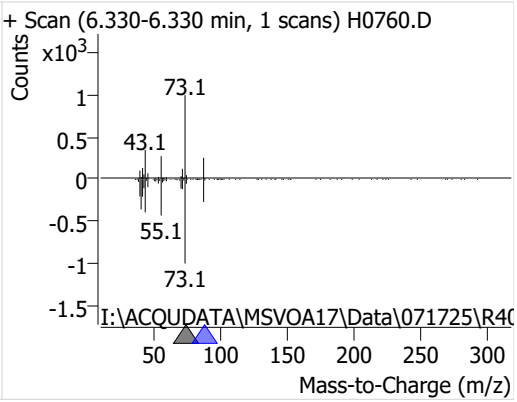




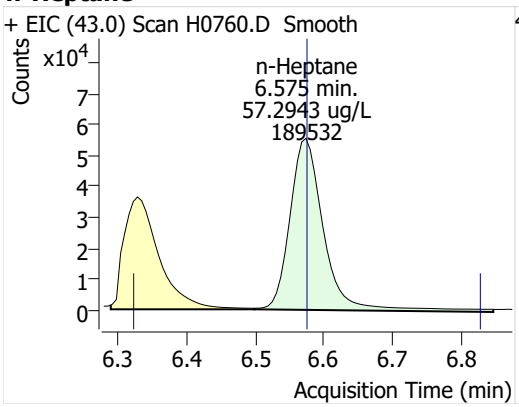
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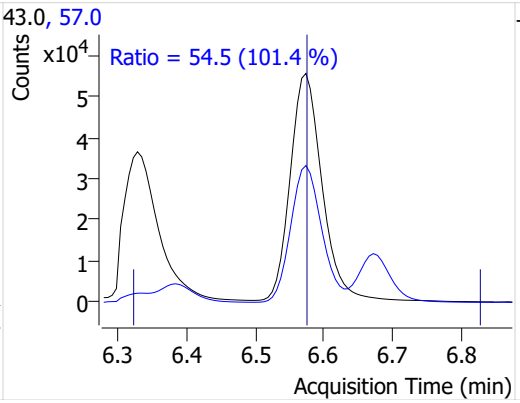


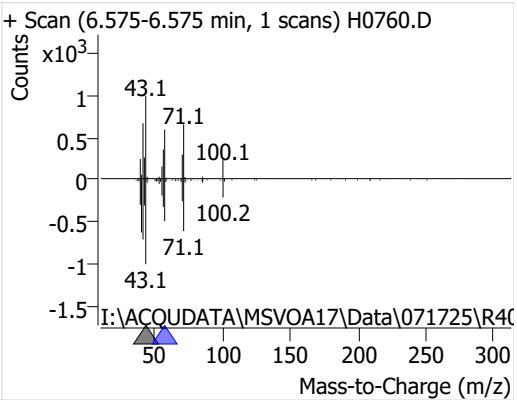




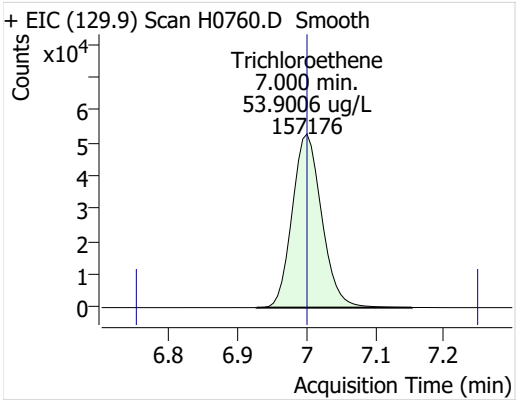
n-Heptane

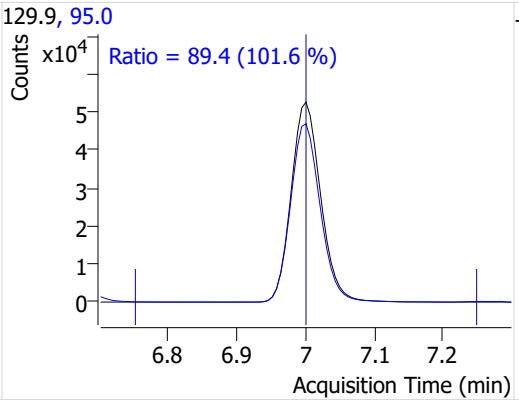


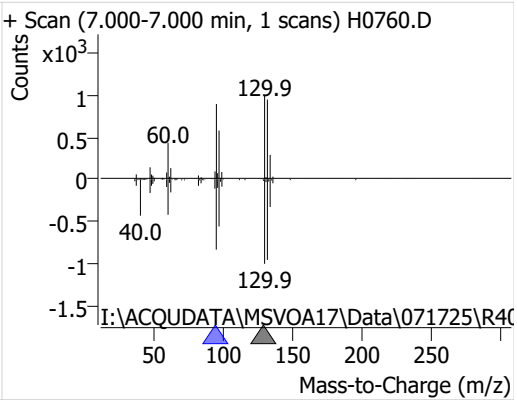




Trichloroethene

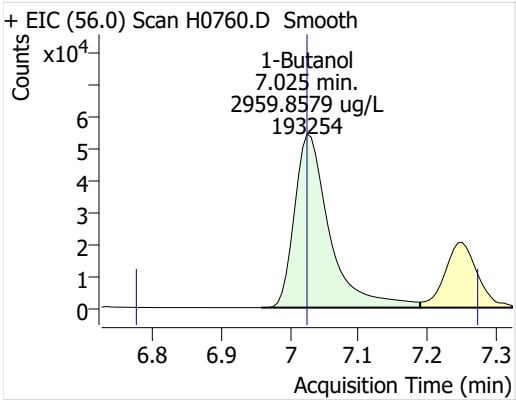


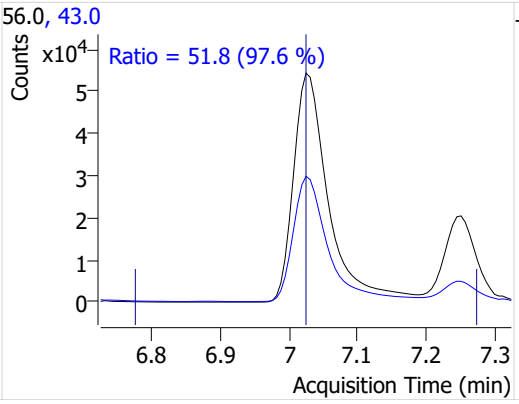


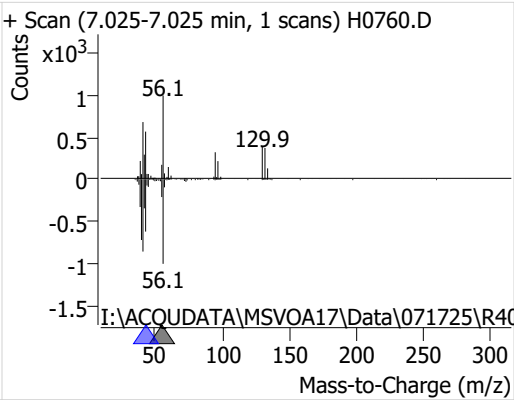


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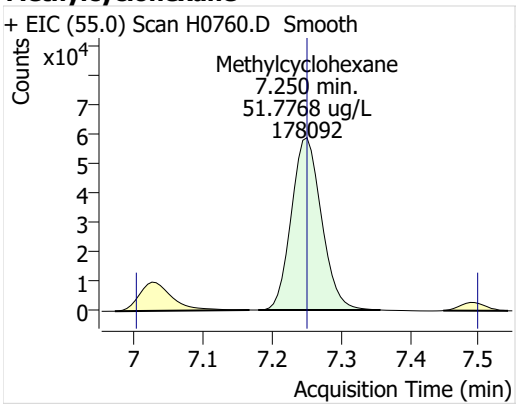
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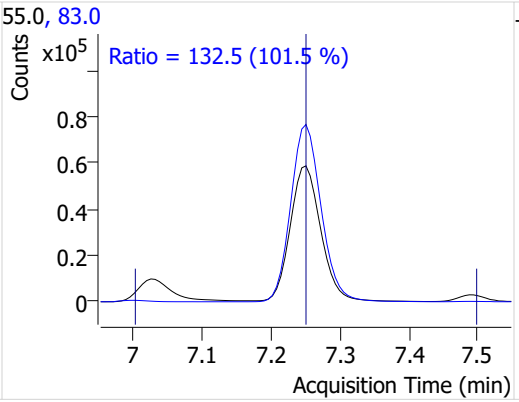


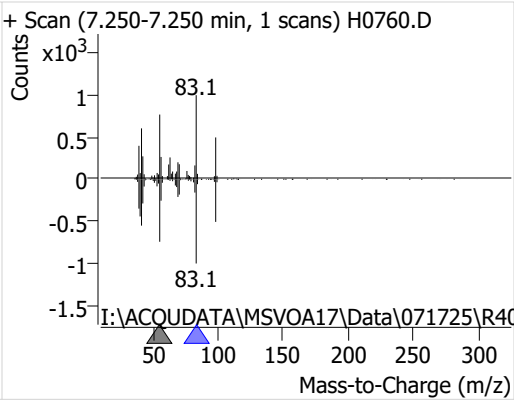




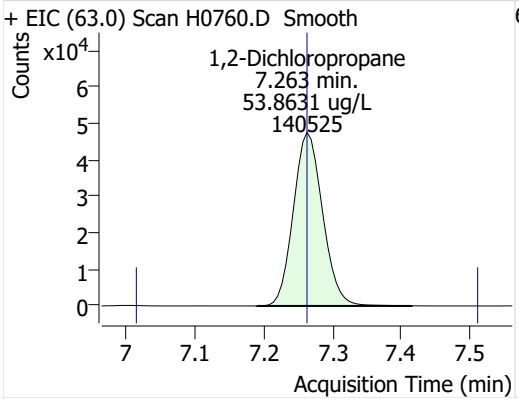
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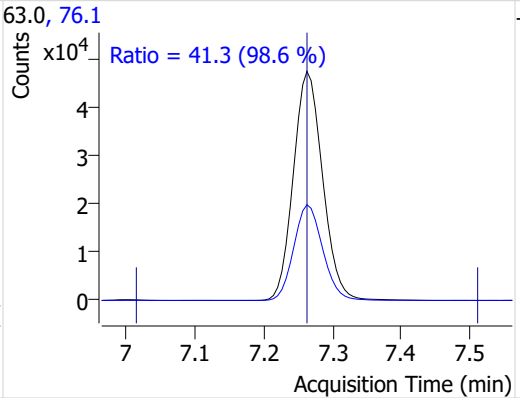


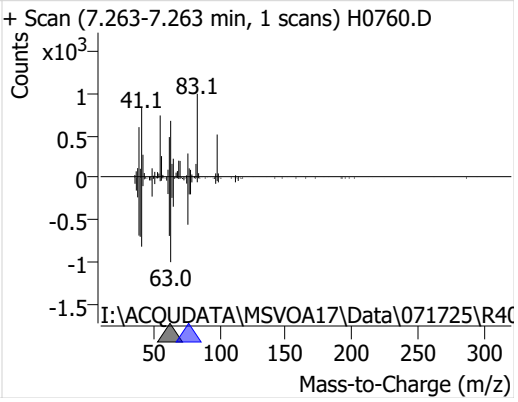




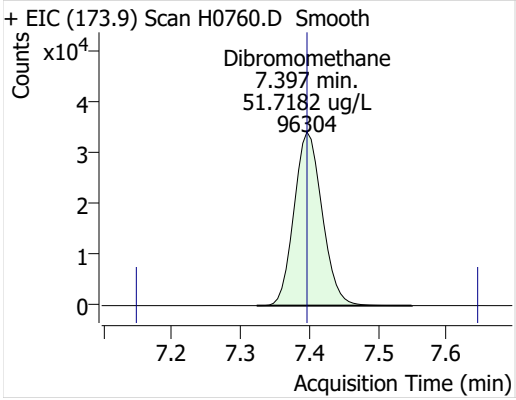
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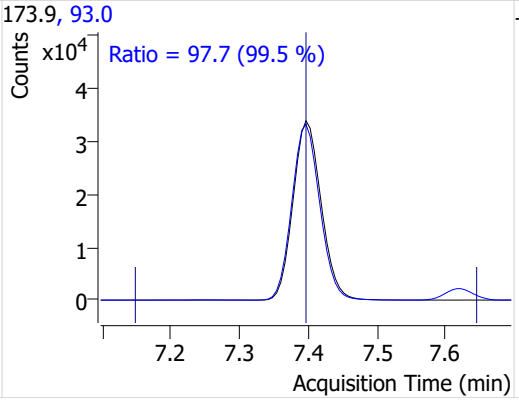


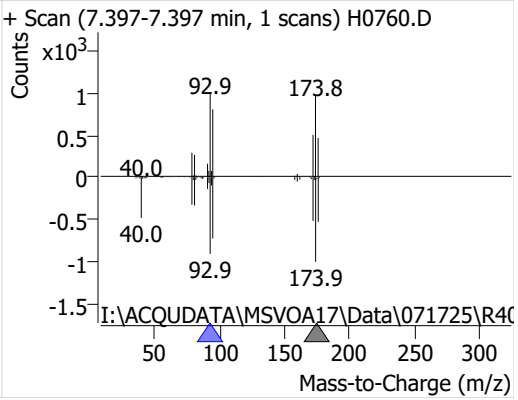




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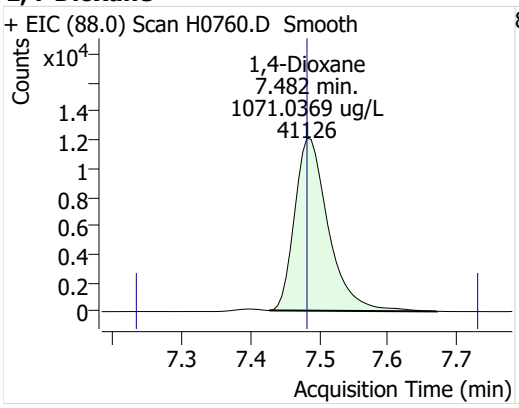


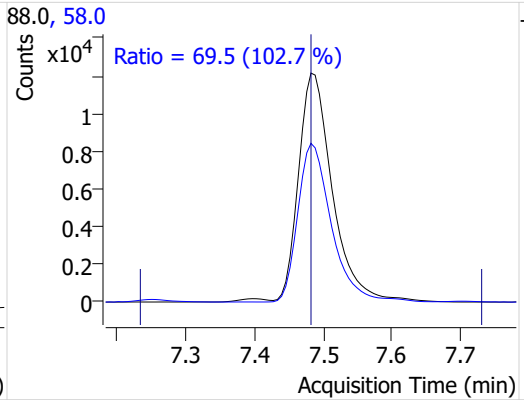


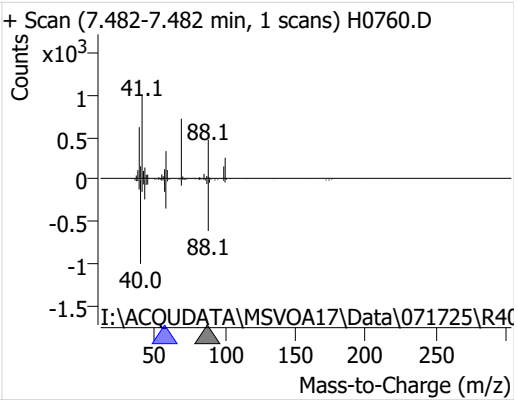


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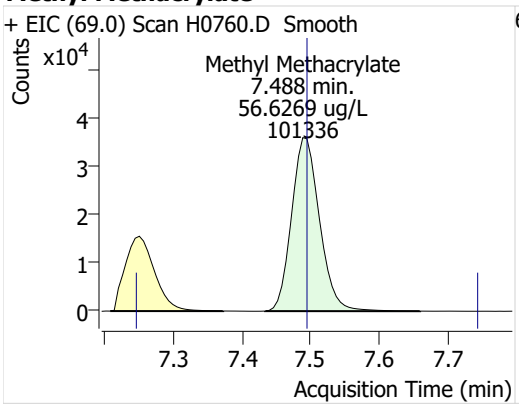
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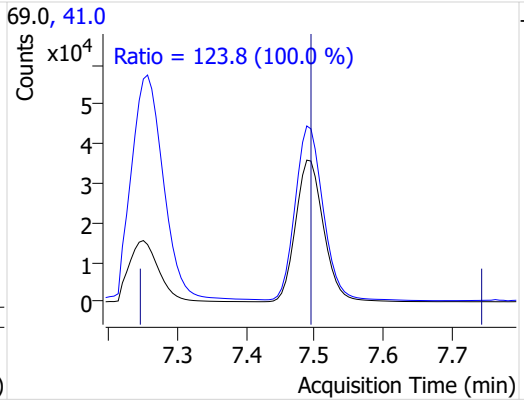


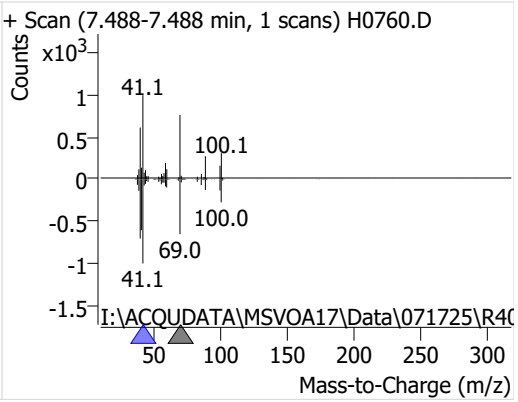




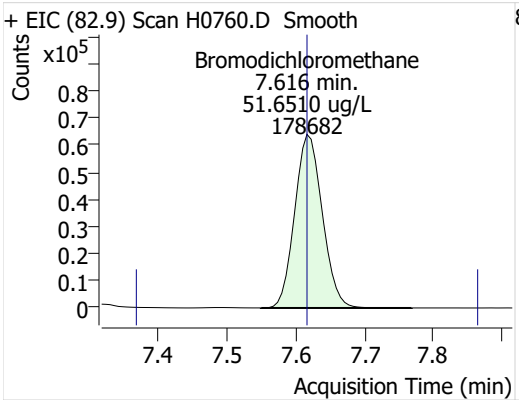
Methyl Methacrylate

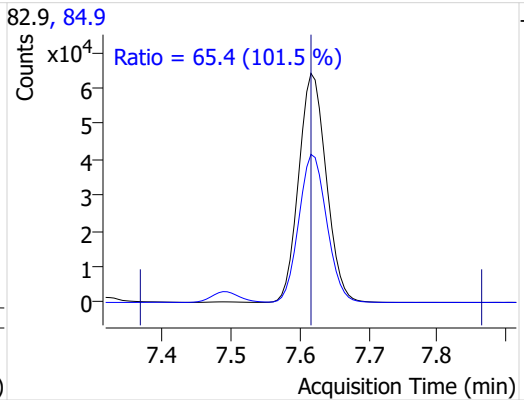


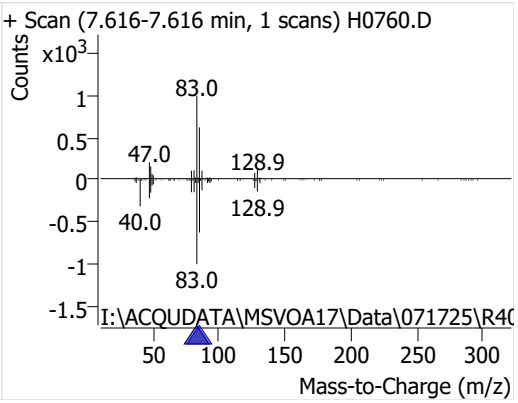




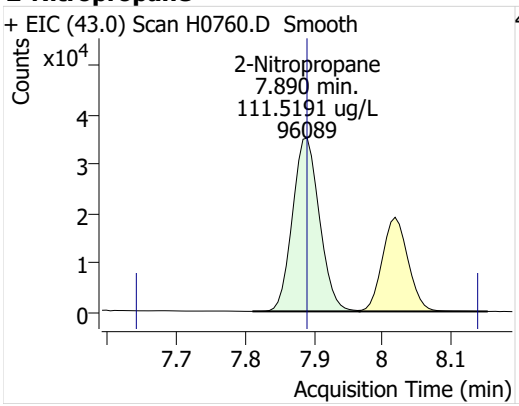
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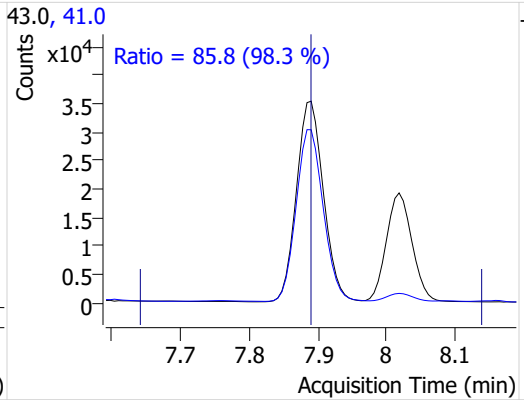


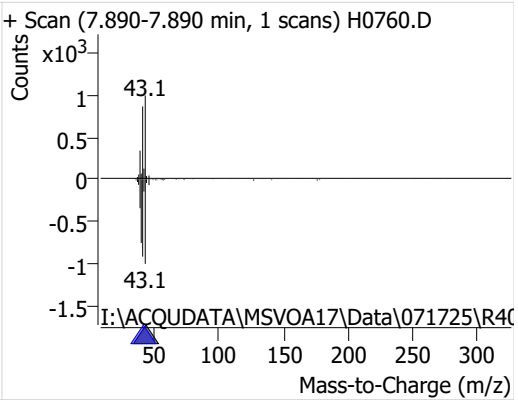




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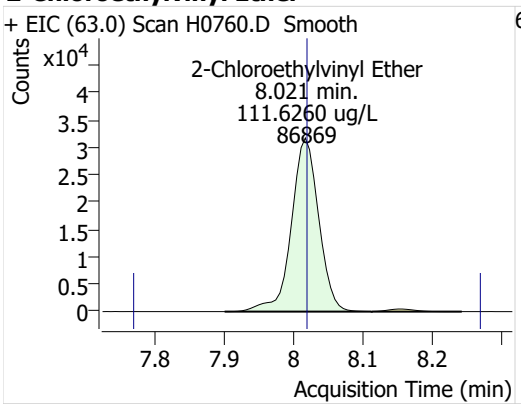


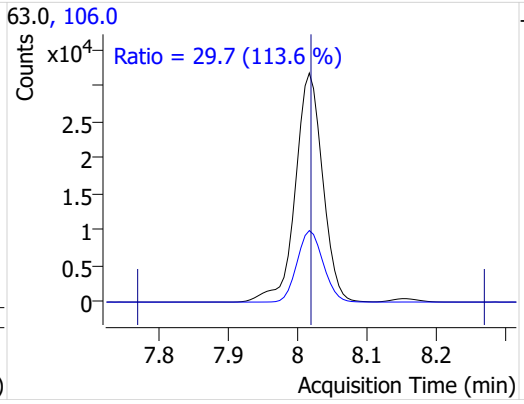


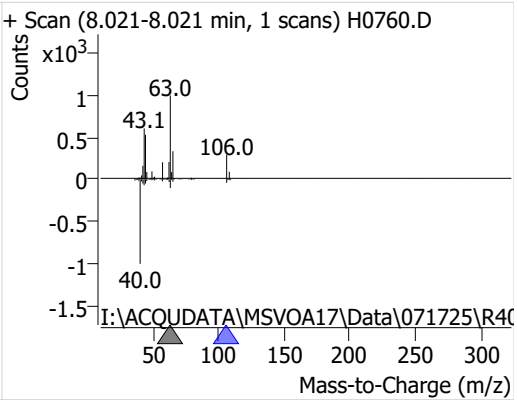


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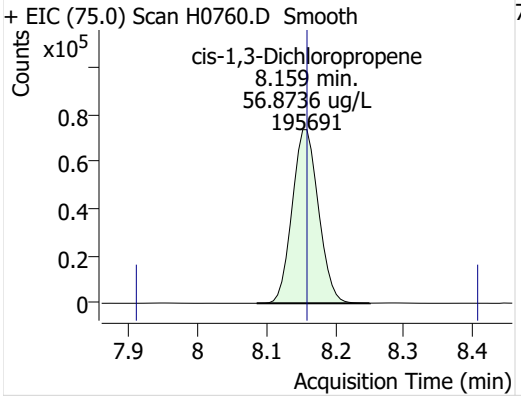
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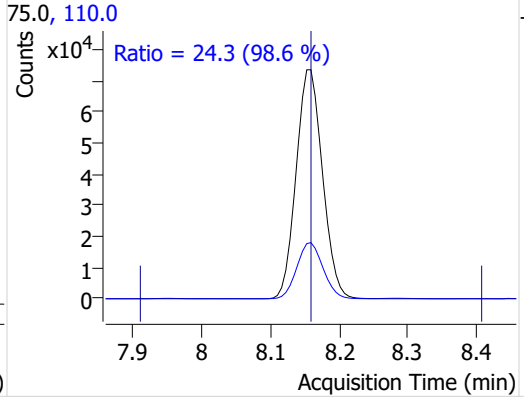


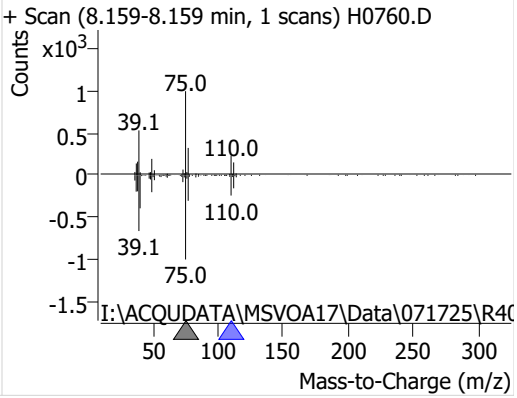




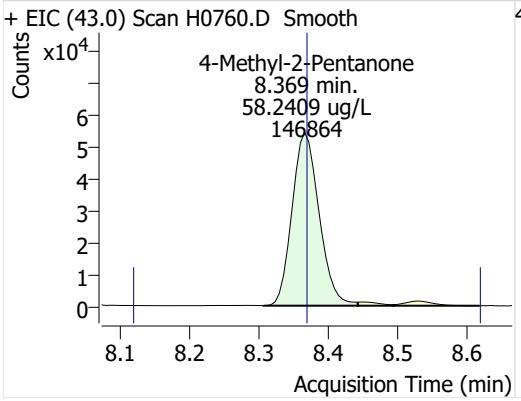
cis-1,3-Dichloropropene

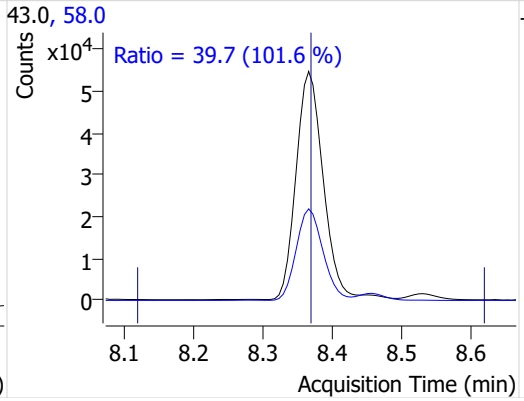


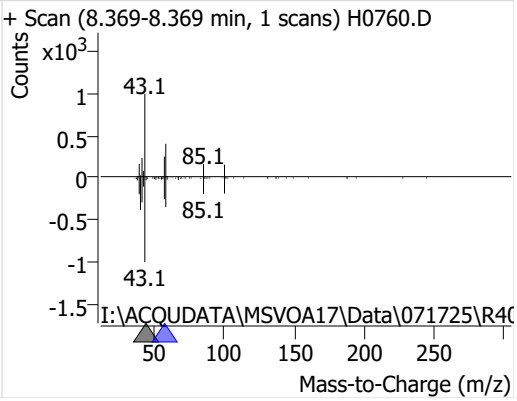




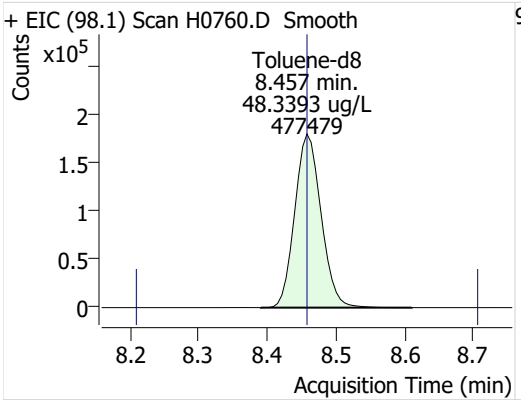
4-Methyl-2-Pentanone

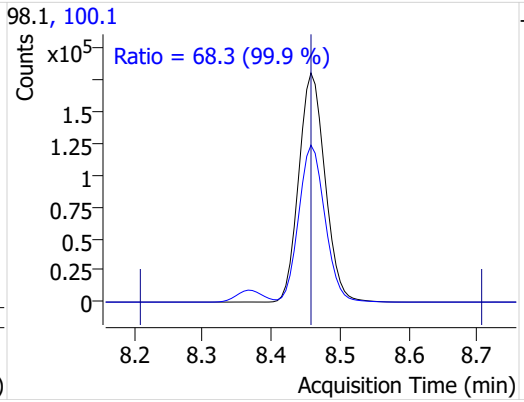


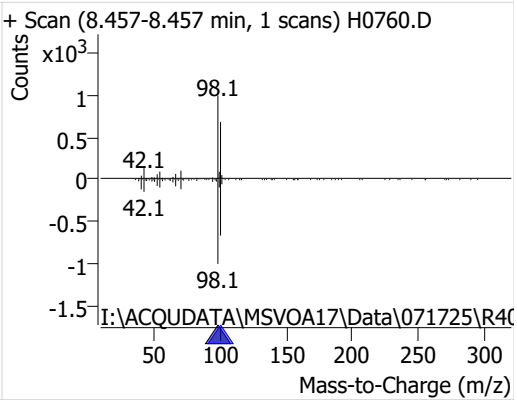




Toluene-d8

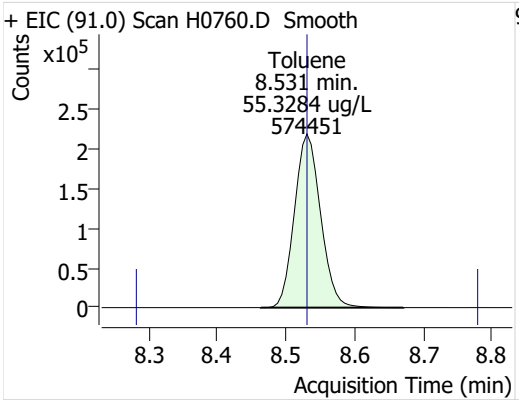


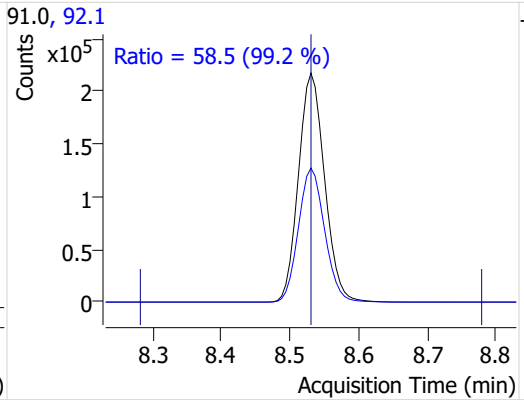


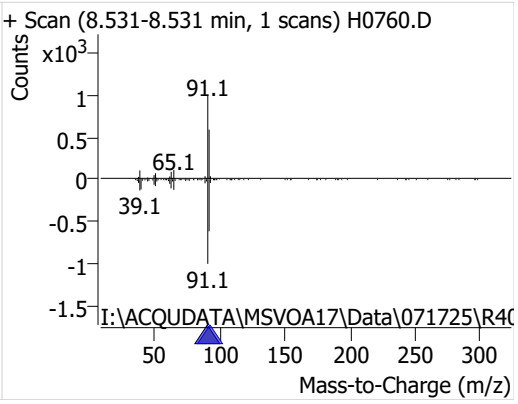


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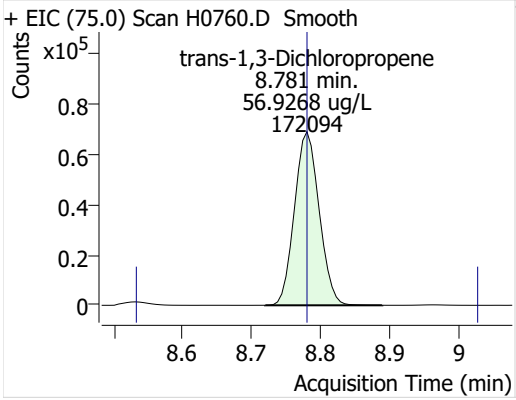
Toluene

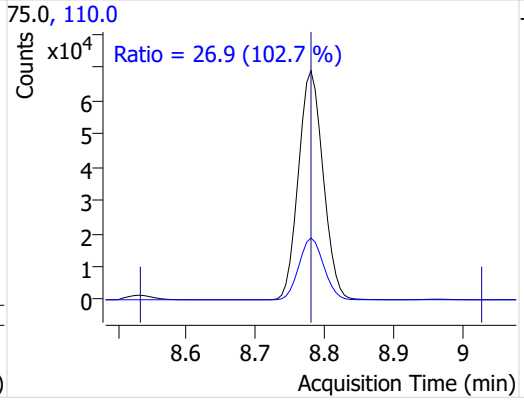


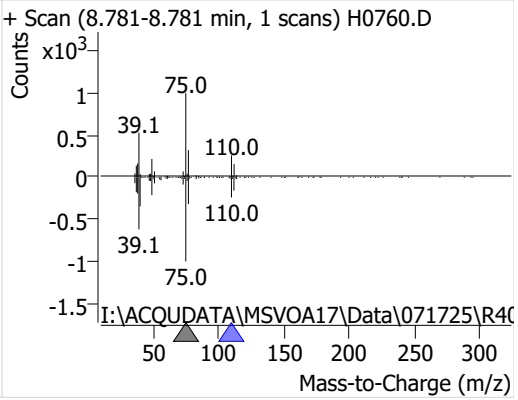




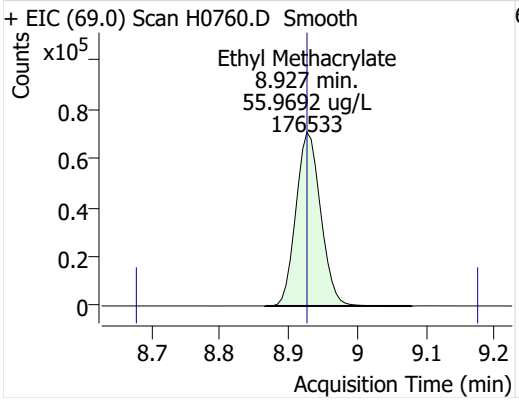
trans-1,3-Dichloropropene

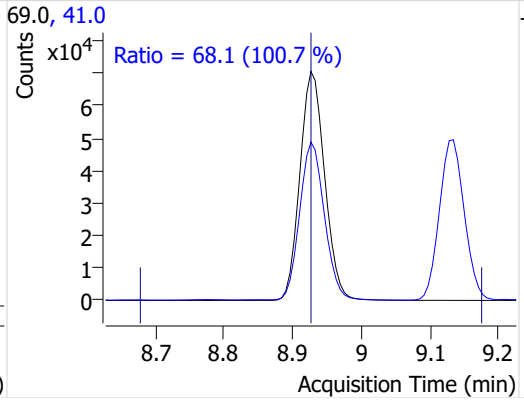


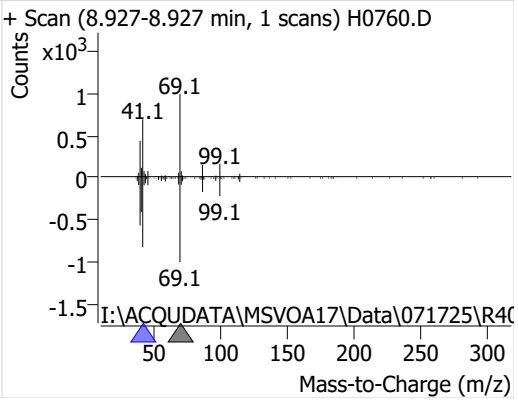




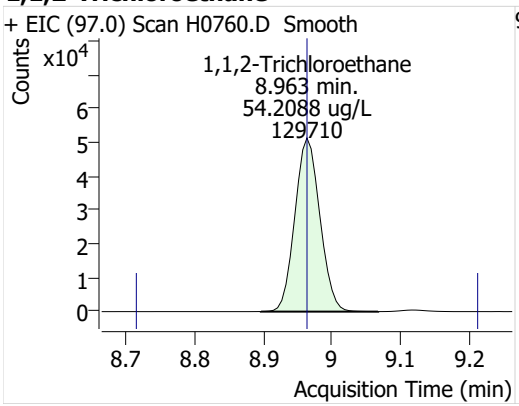
Ethyl Methacrylate

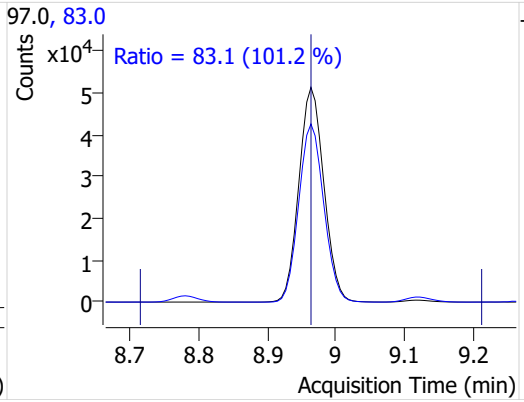


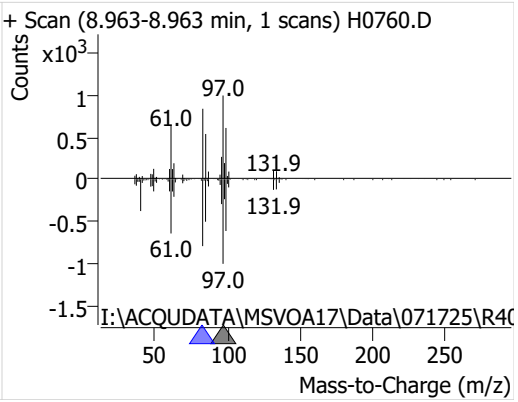




1,1,2-Trichloroethane

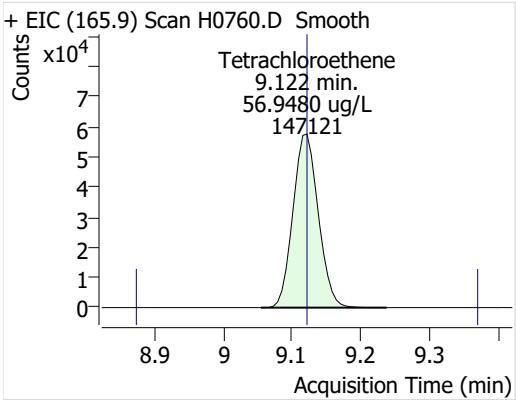


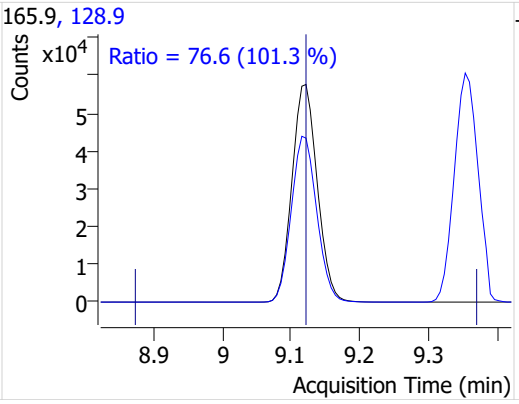


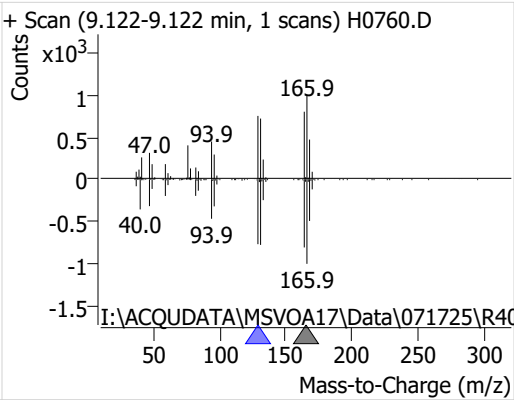


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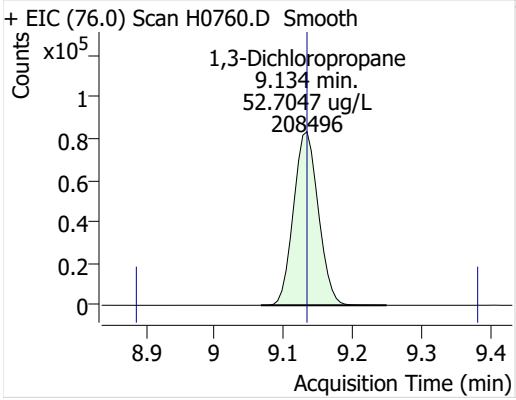
Tetrachloroethene

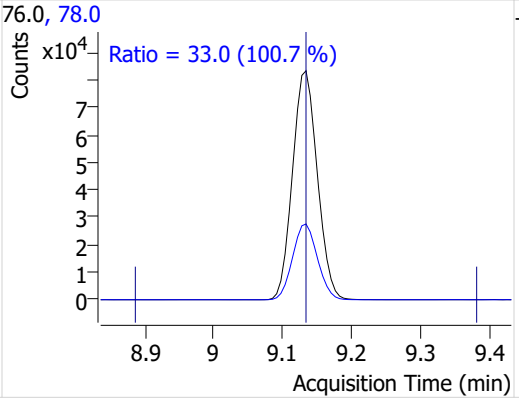


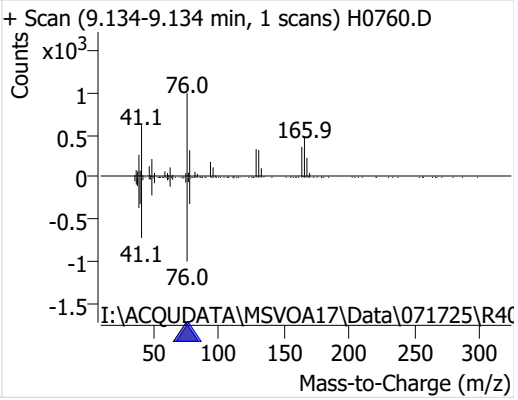




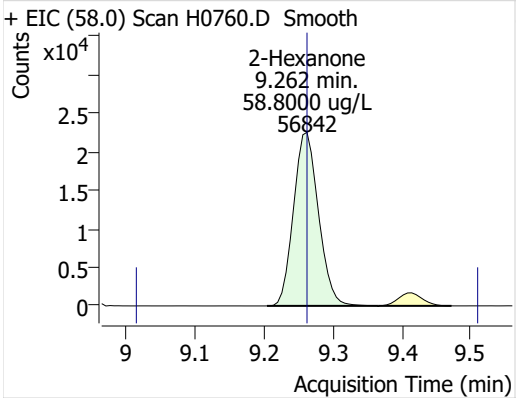
1,3-Dichloropropane

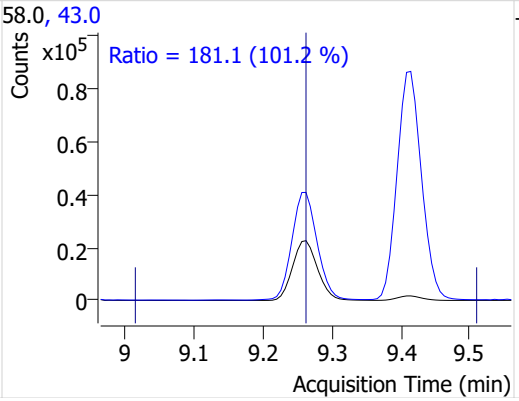


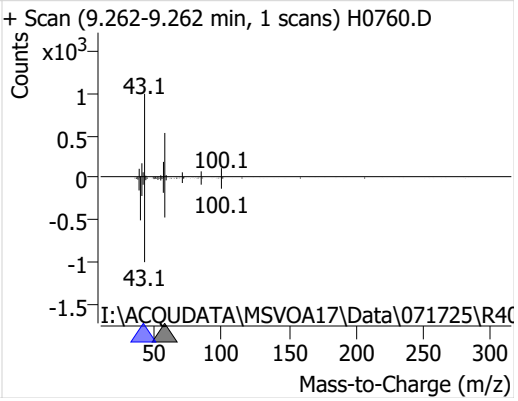




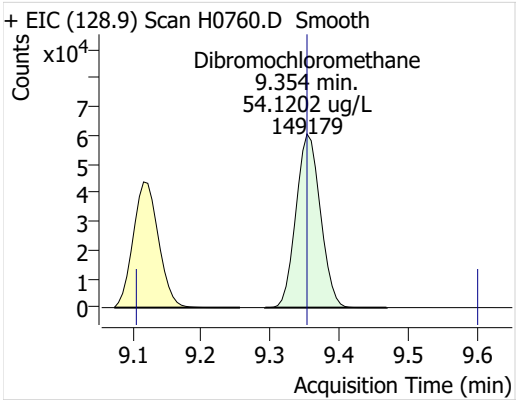
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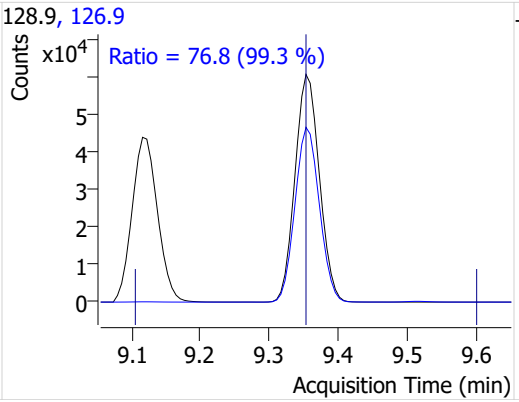


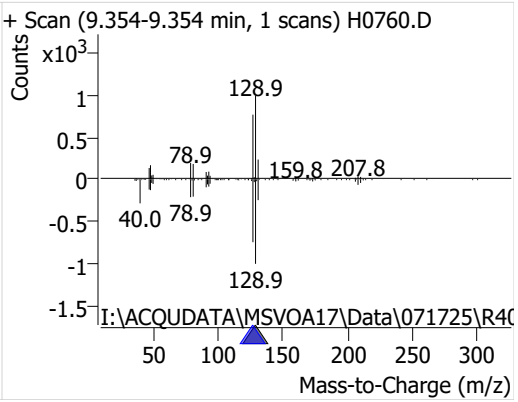




Dibromochloromethane

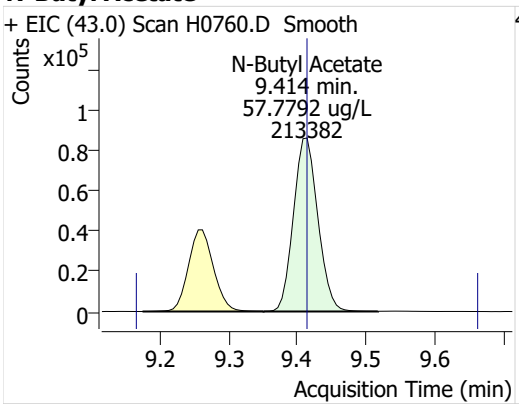


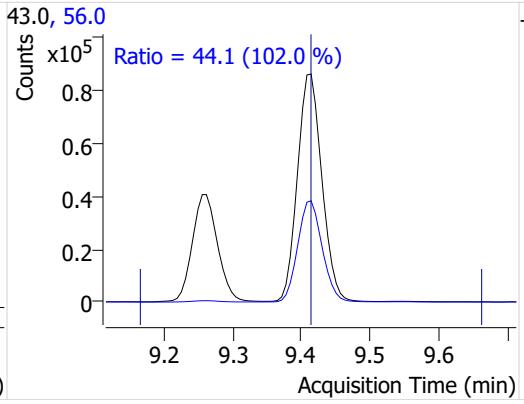


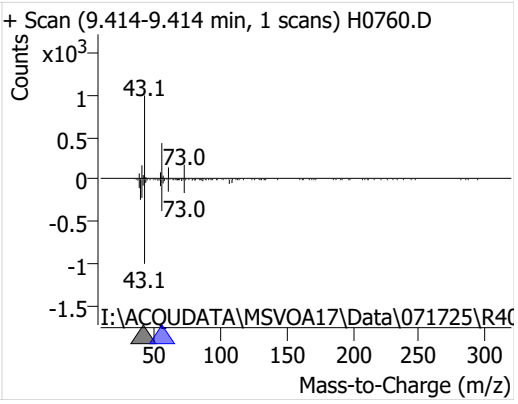


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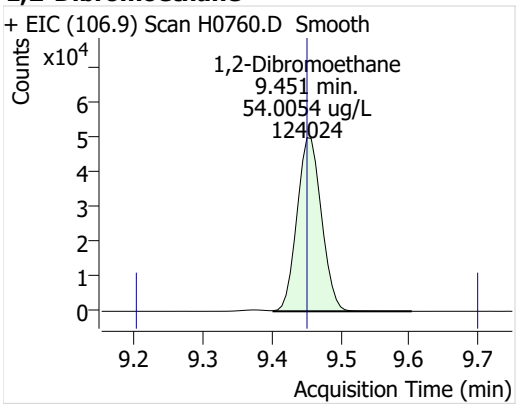
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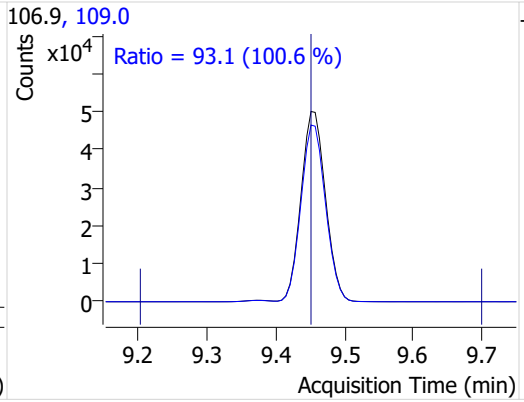


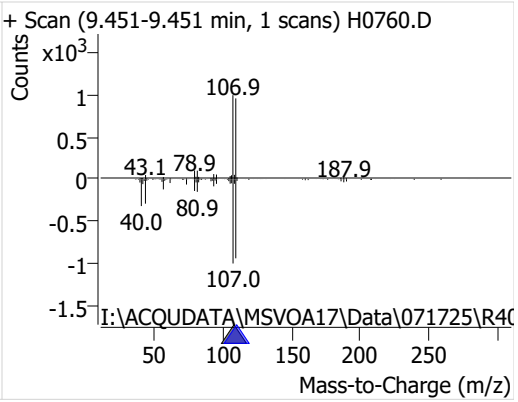




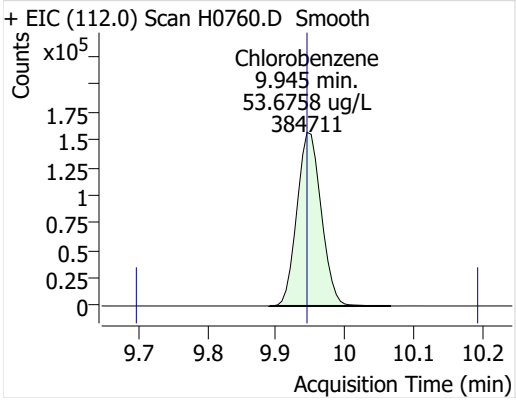
1,2-Dibromoethane

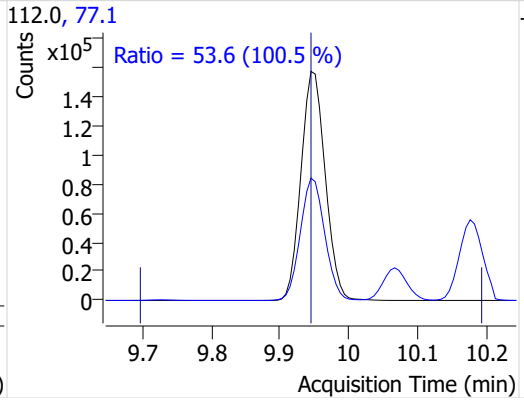


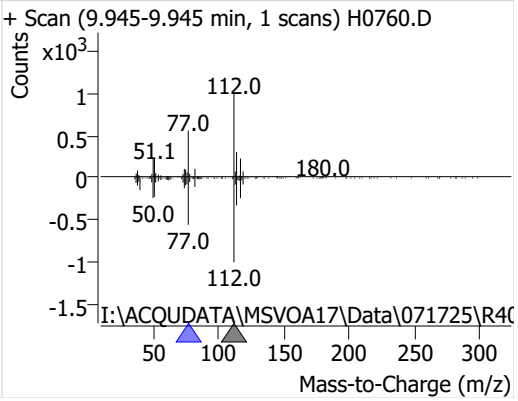




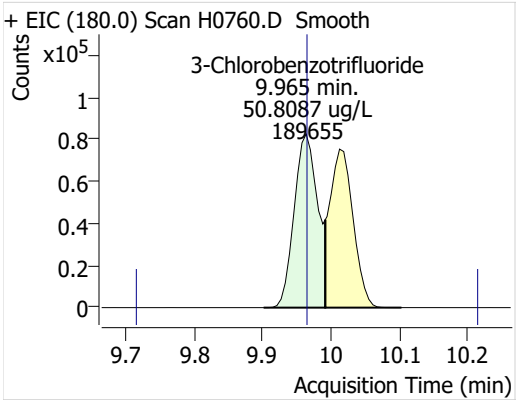
Chlorobenzene

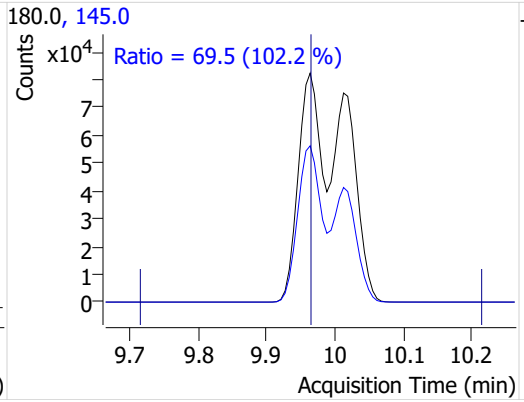


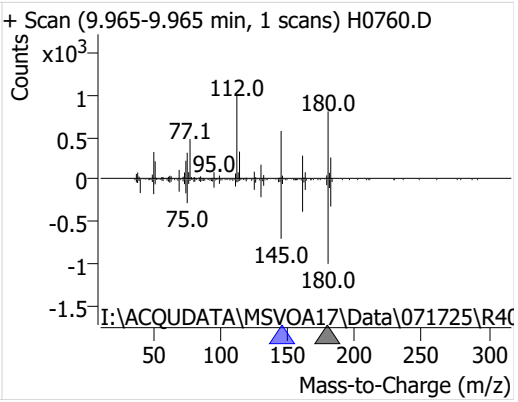




3-Chlorobenzotrifluoride

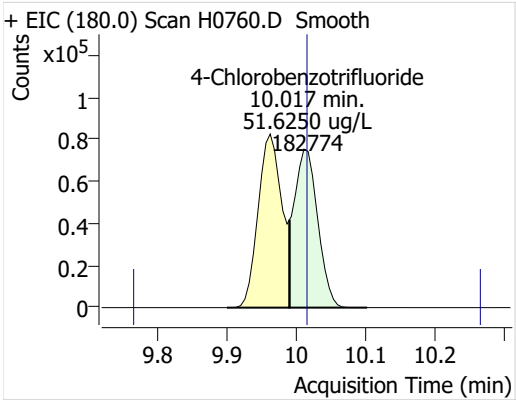


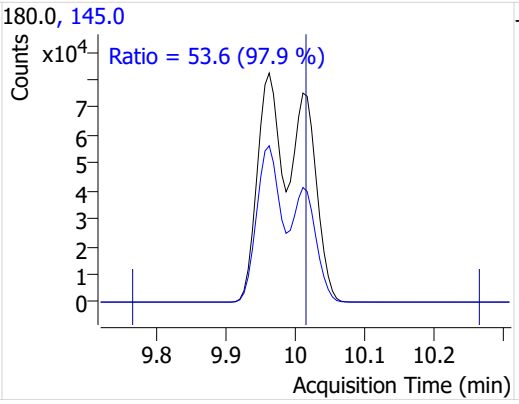


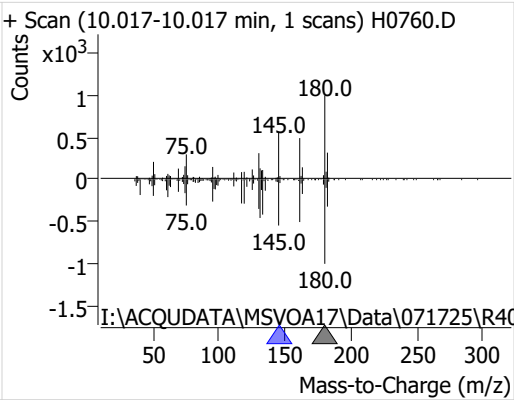


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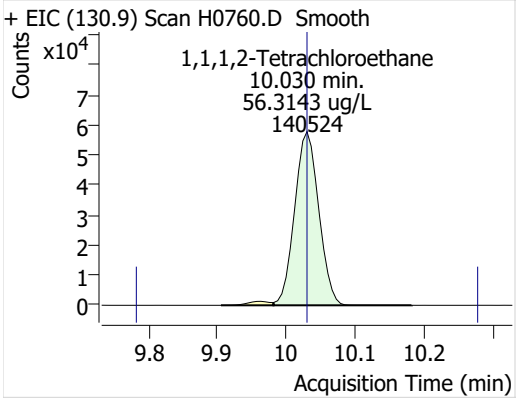
4-Chlorobenzotrifluoride

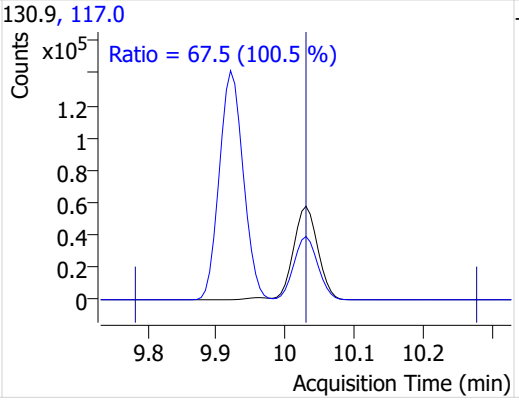


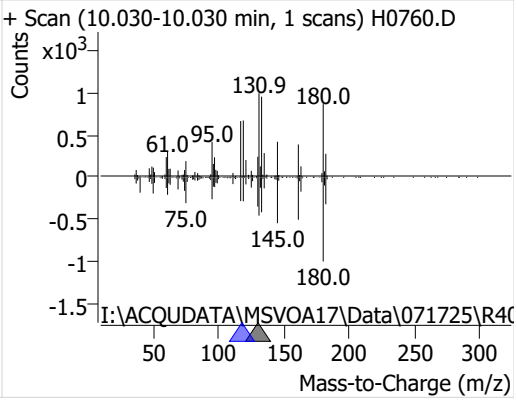




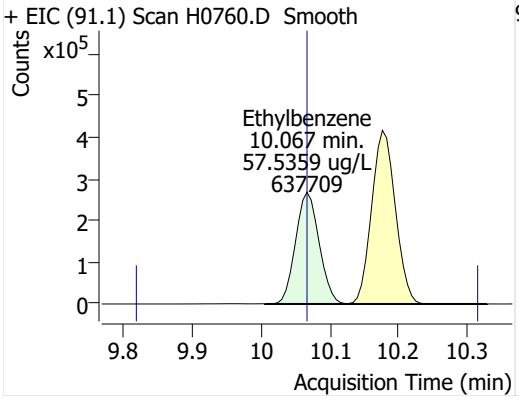
1,1,1,2-Tetrachloroethane

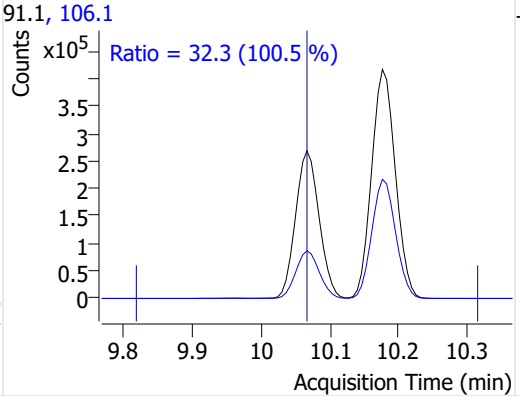


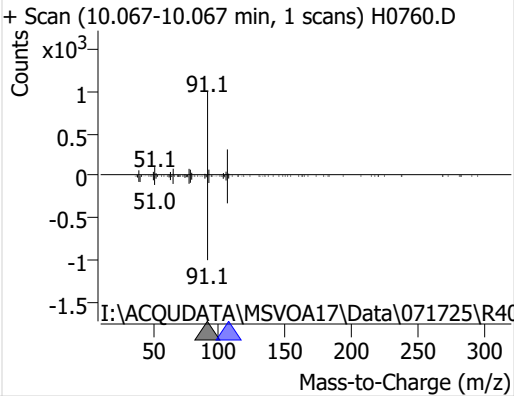




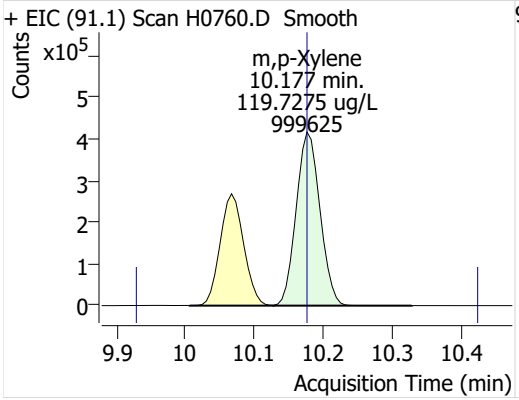
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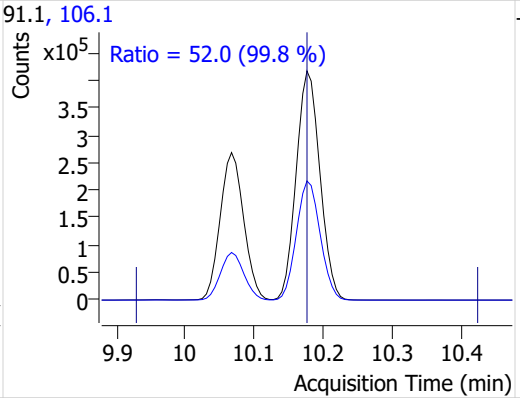


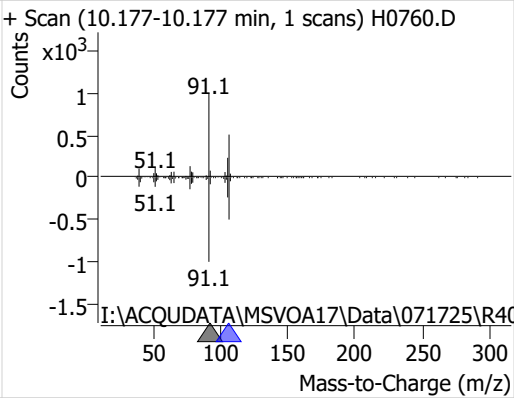




m,p-Xylene

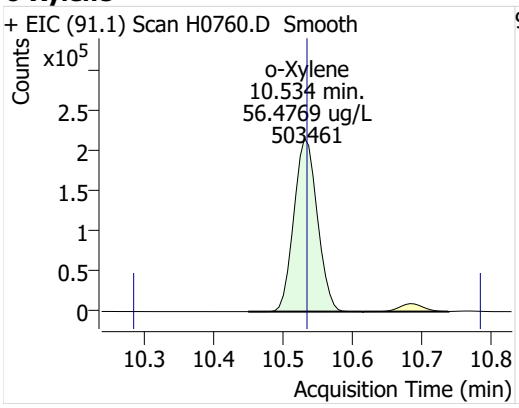


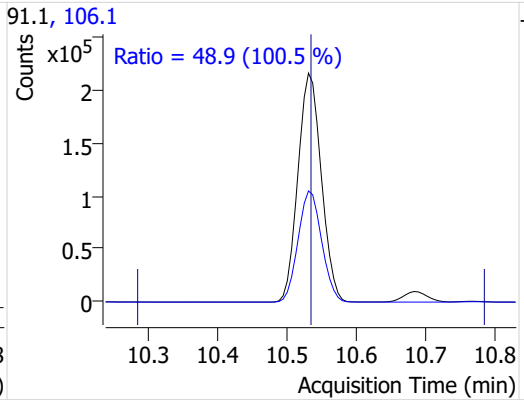


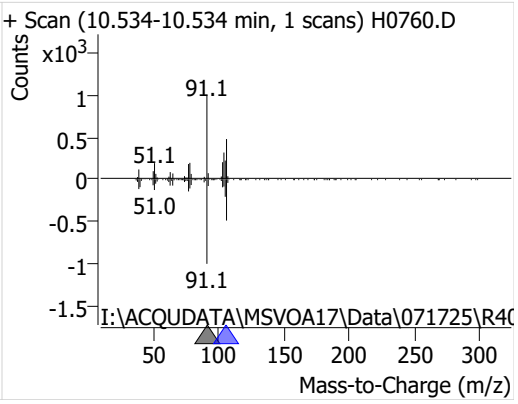


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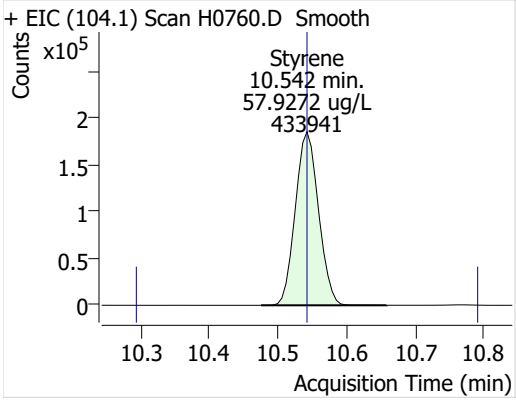
o-Xylene

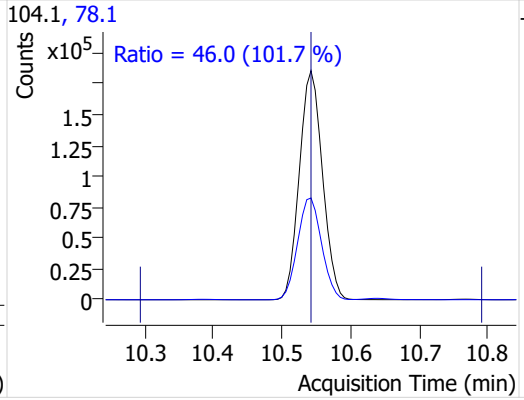


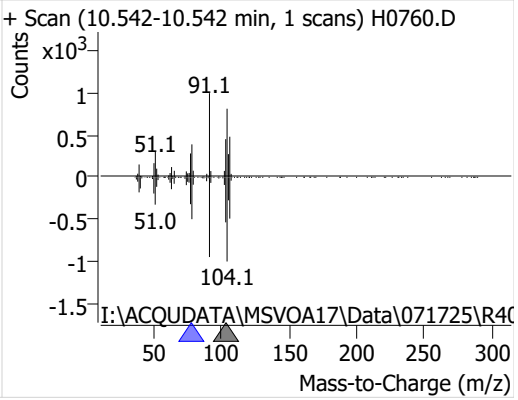




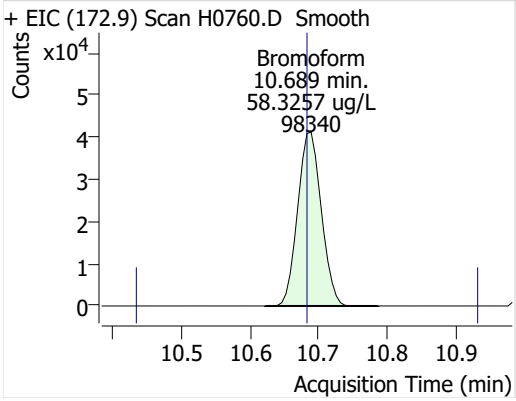
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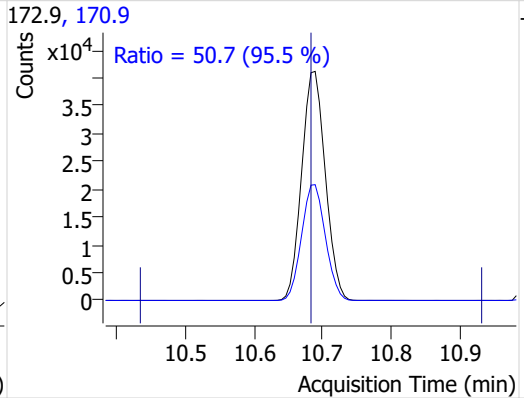


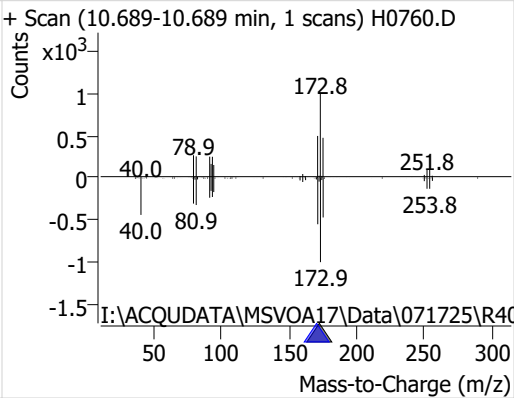




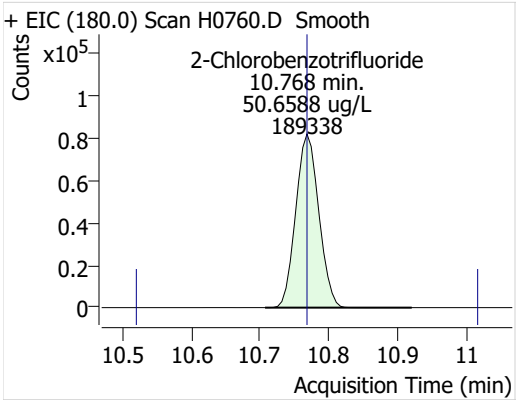
Bromoform

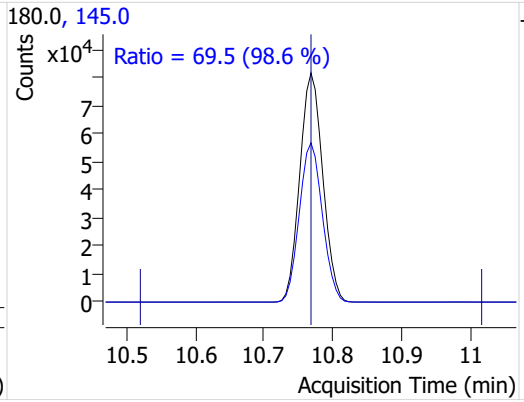


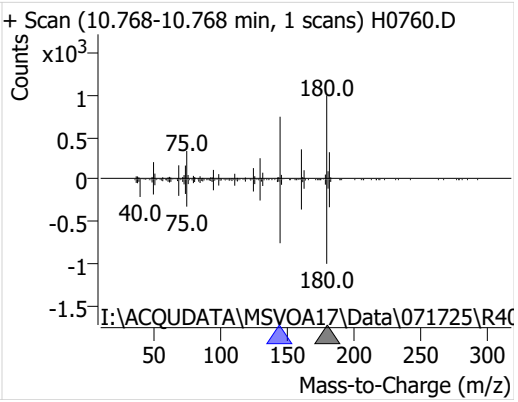




2-Chlorobenzotrifluoride

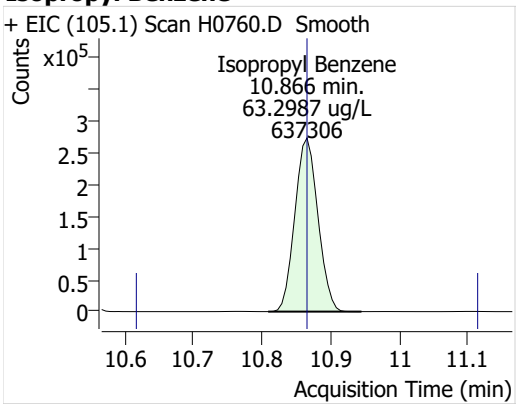


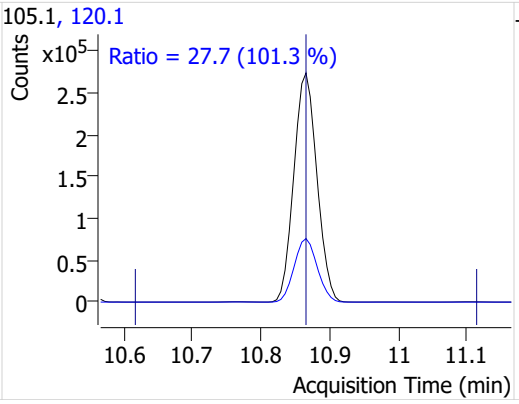


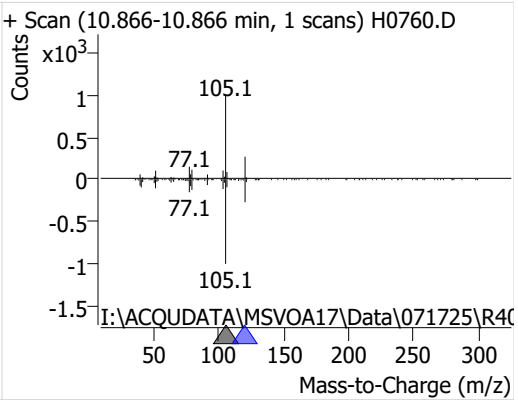


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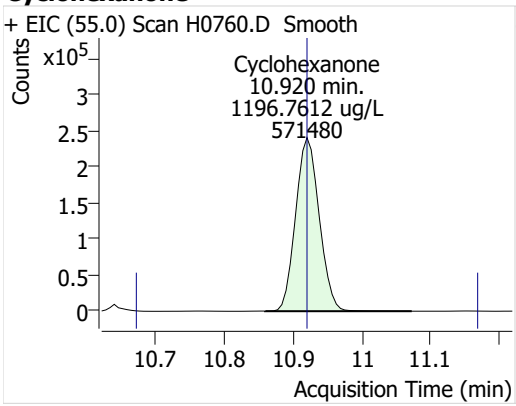
Isopropyl Benzene

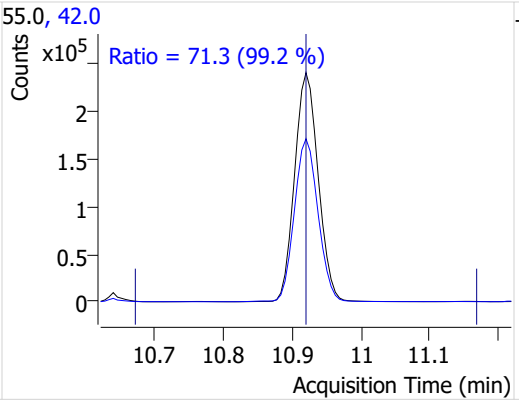


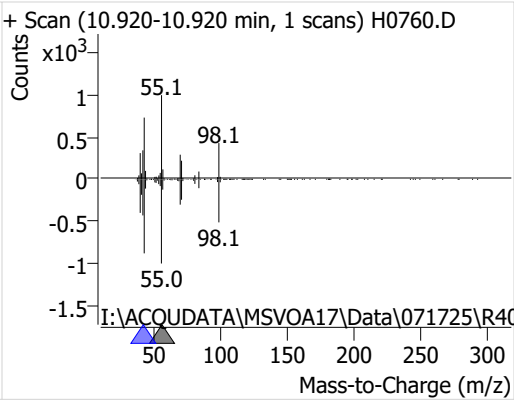




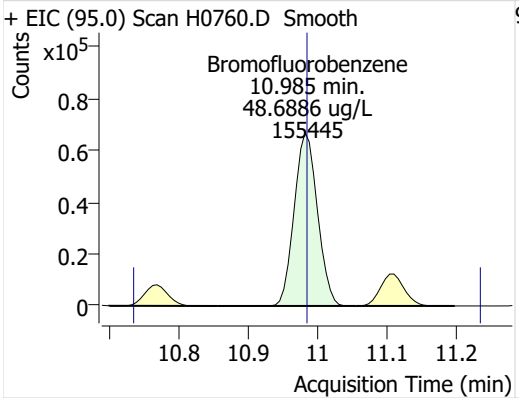
Cyclohexanone

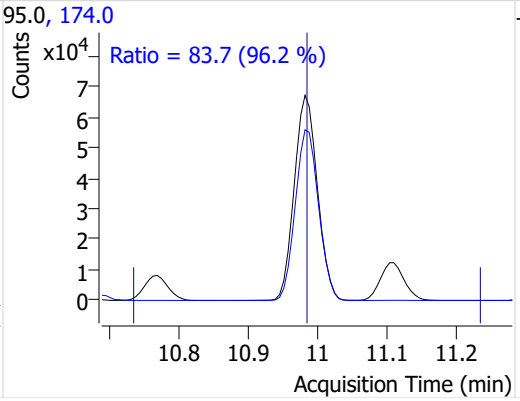


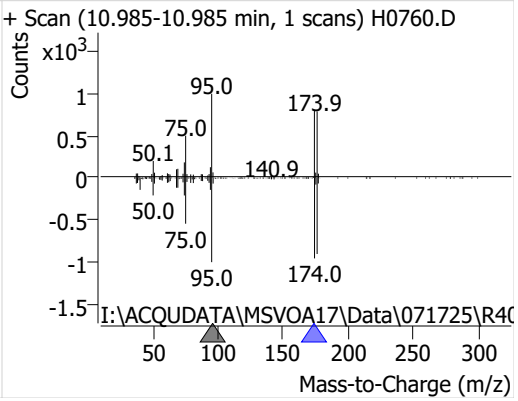




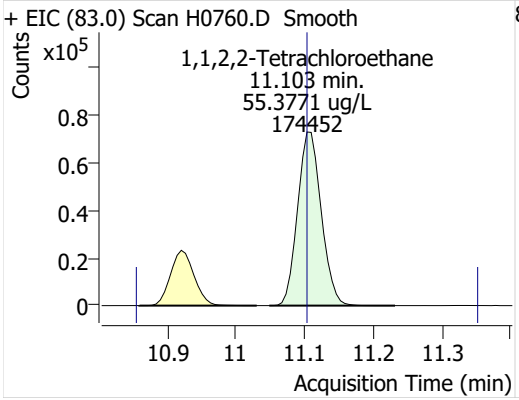
Bromofluorobenzene

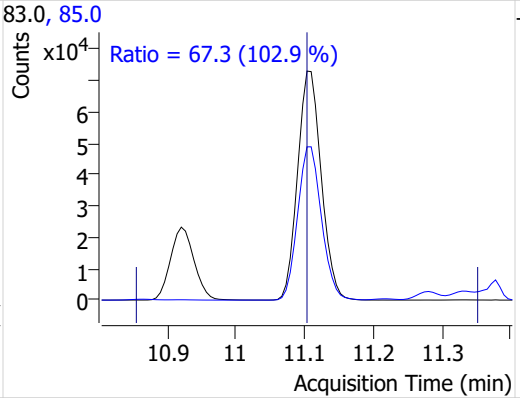


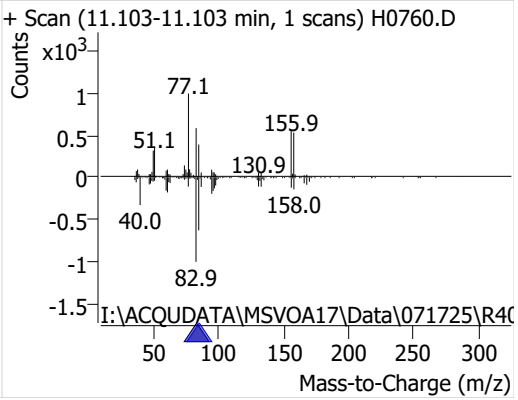




1,1,2,2-Tetrachloroethane

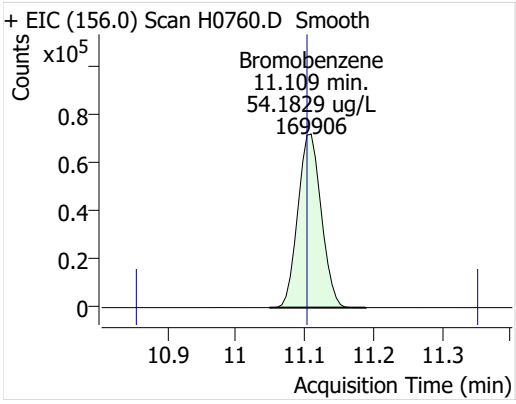


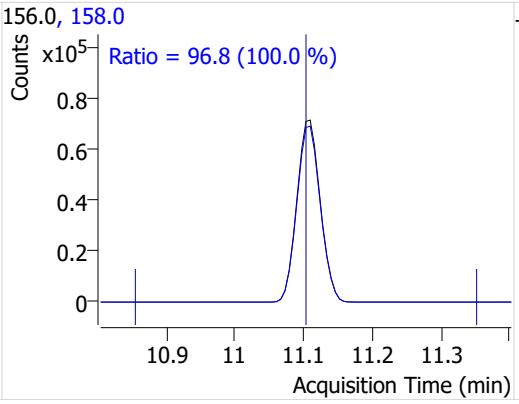


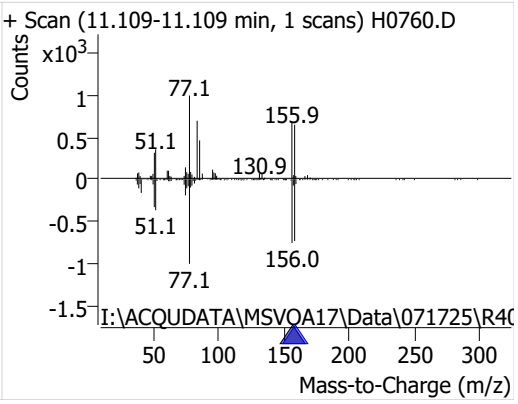


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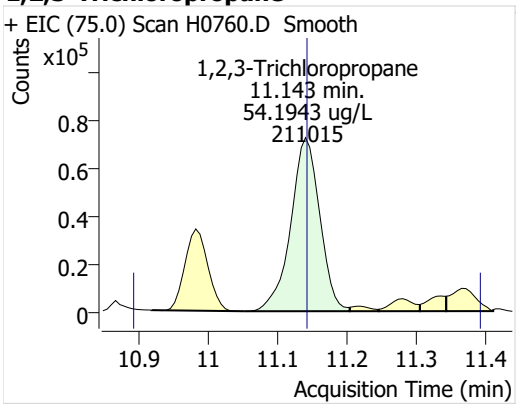
Bromobenzene

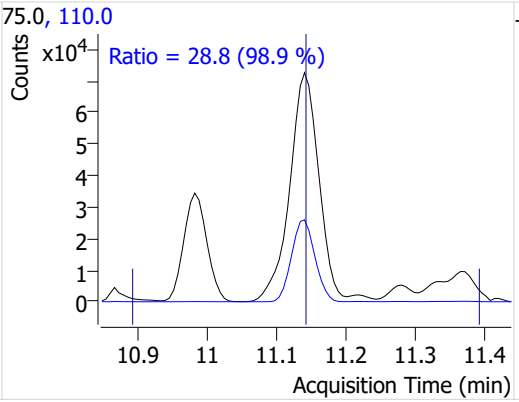


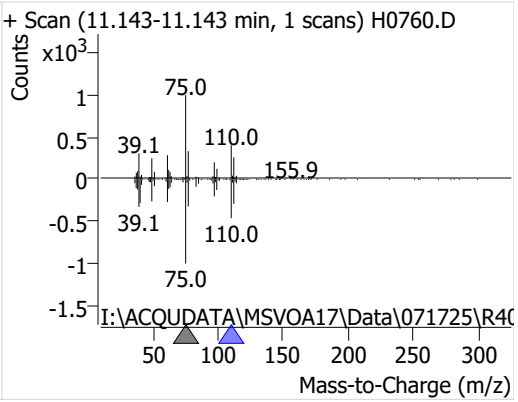




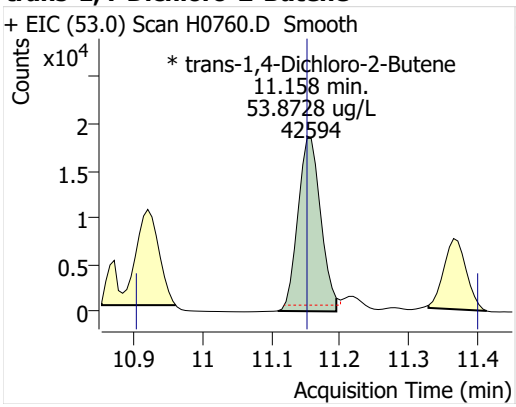
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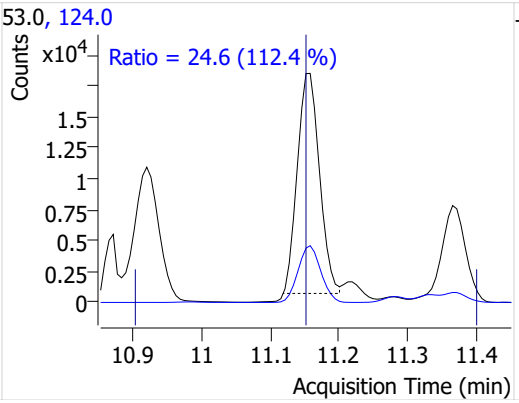


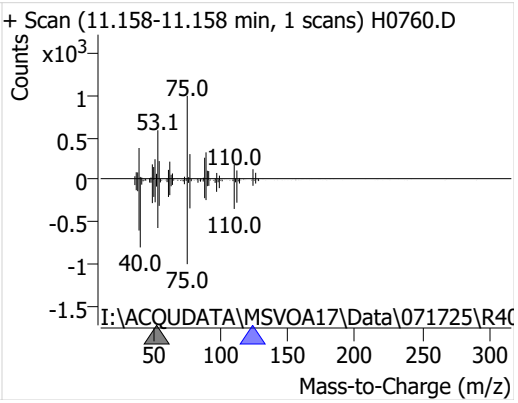




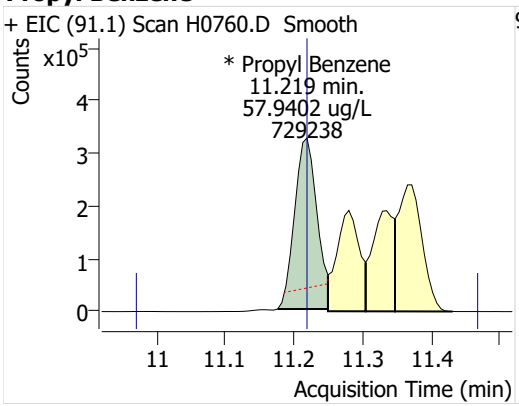
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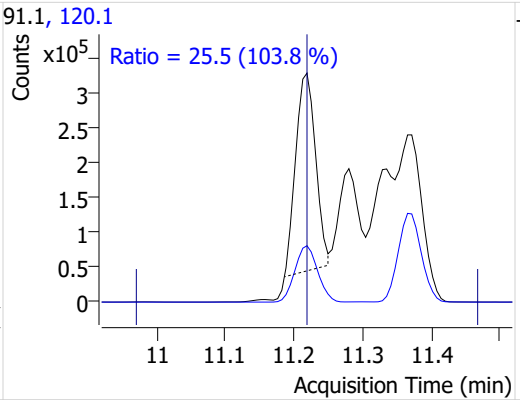


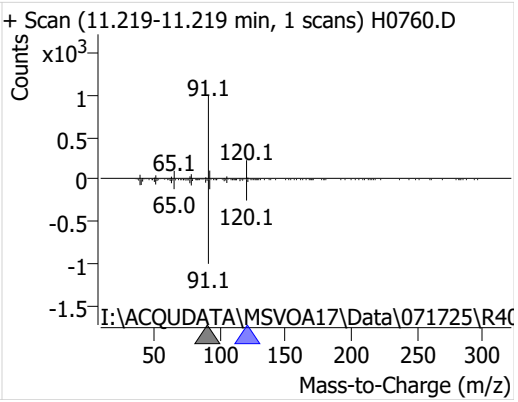




Propyl Benzene

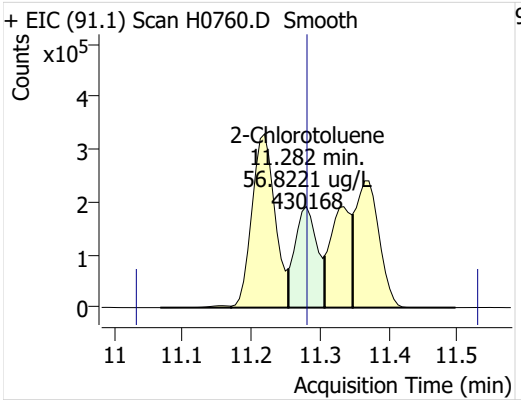


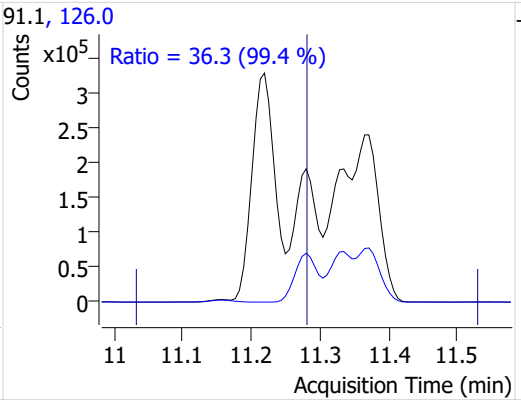


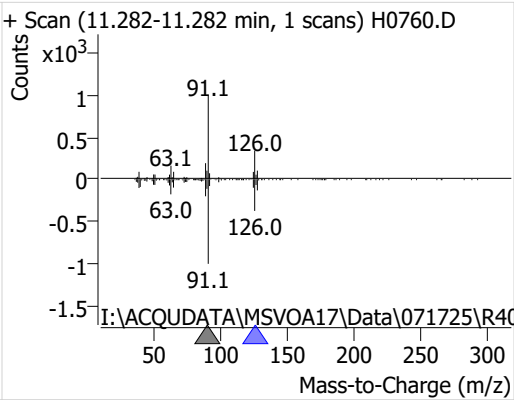


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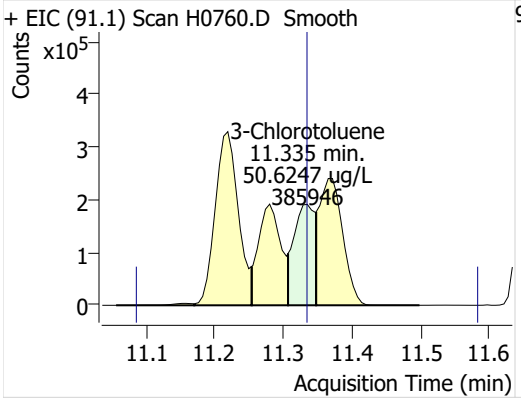
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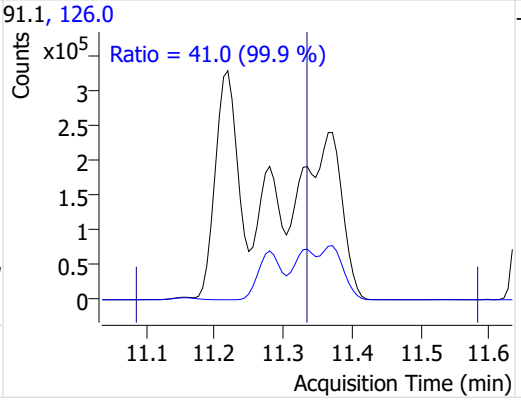


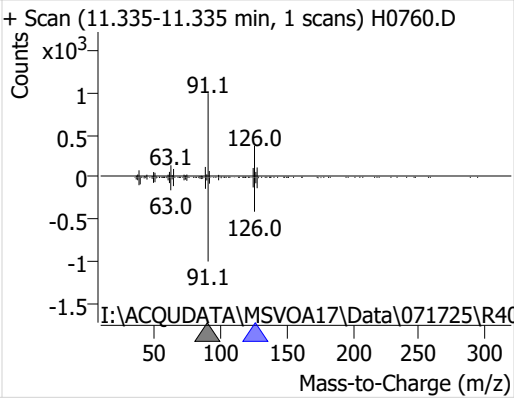




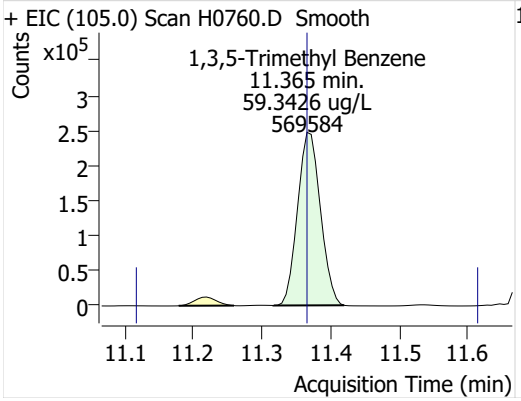
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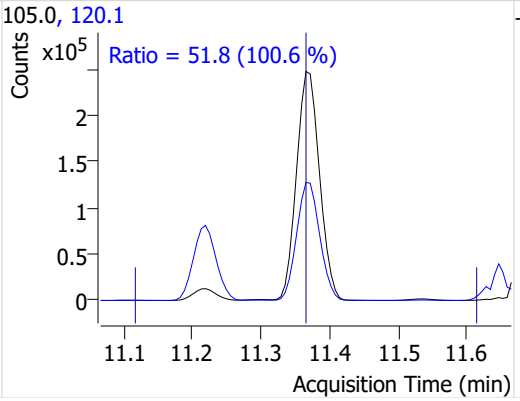


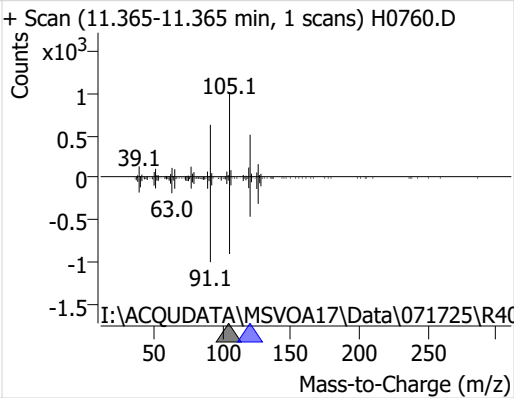




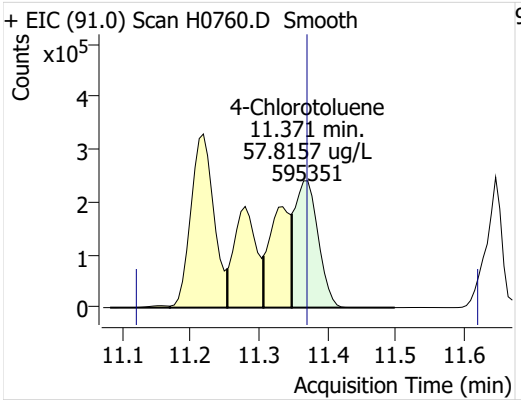
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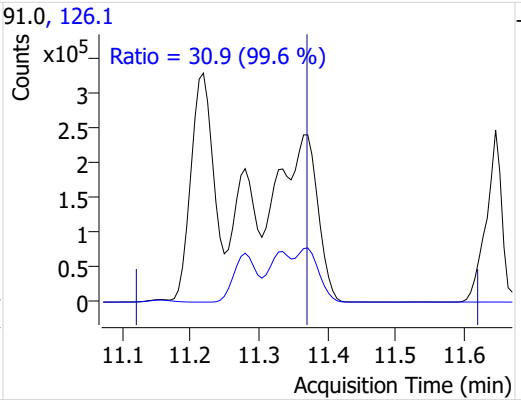


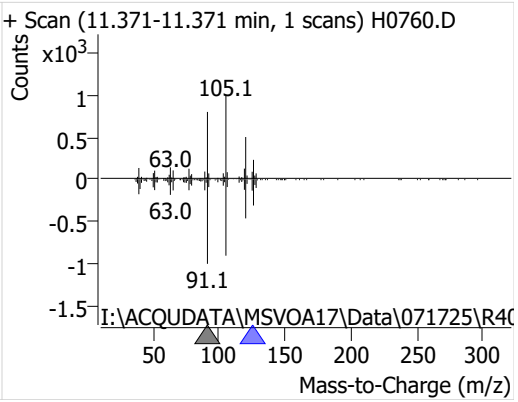




4-Chlorotoluene

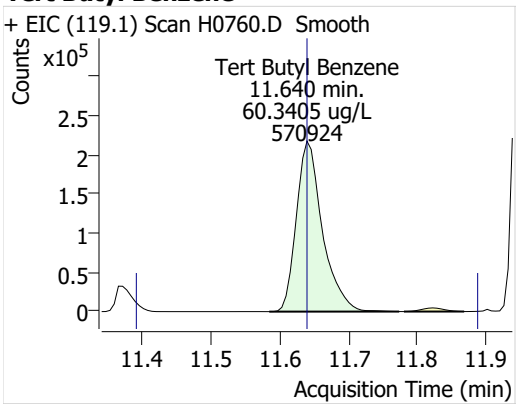


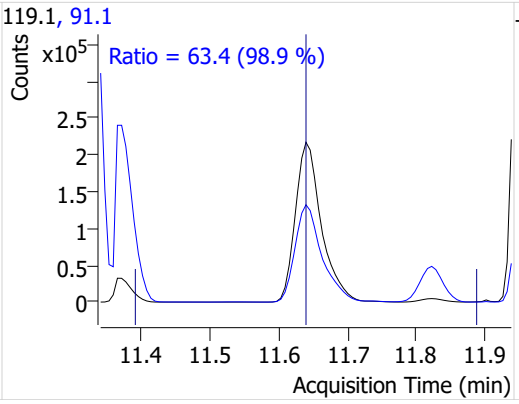


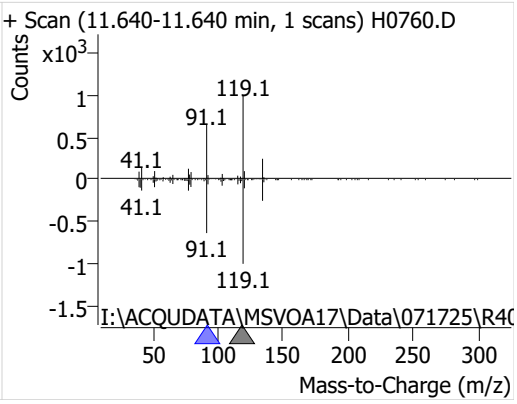


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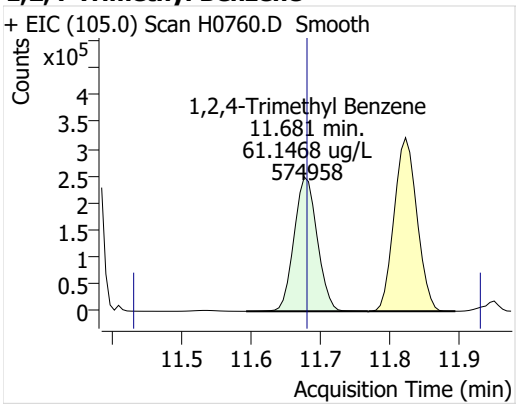
Tert Butyl Benzene

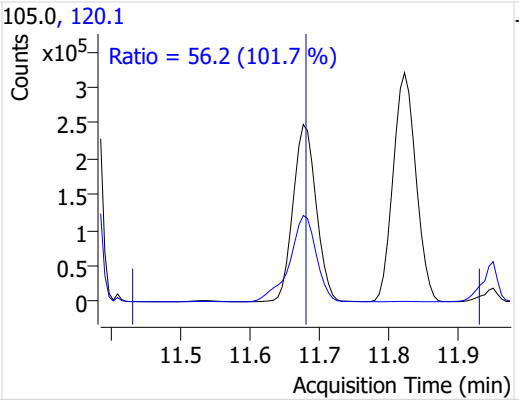


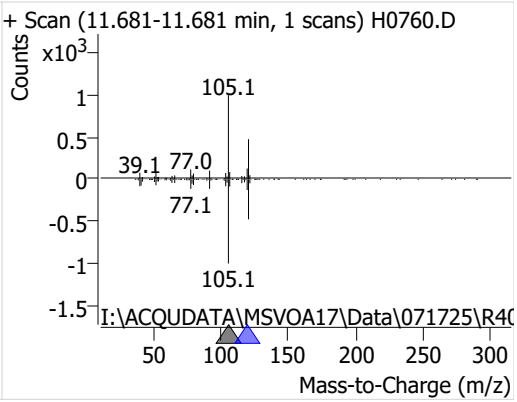




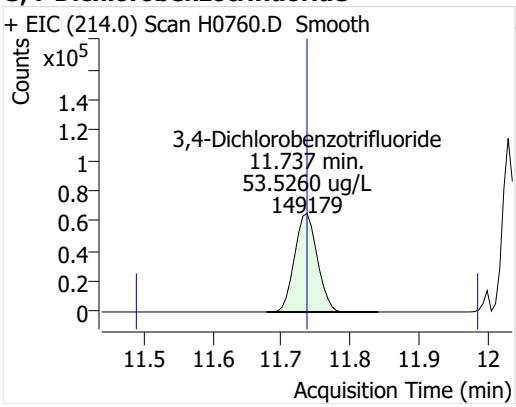
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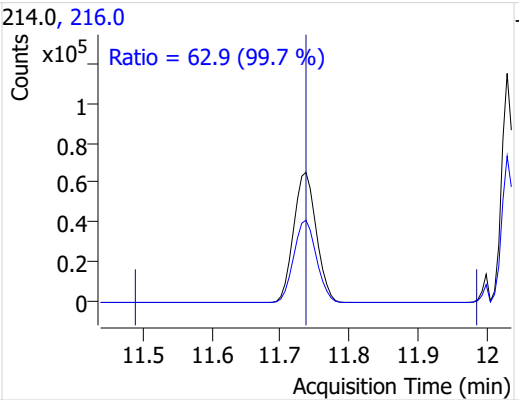


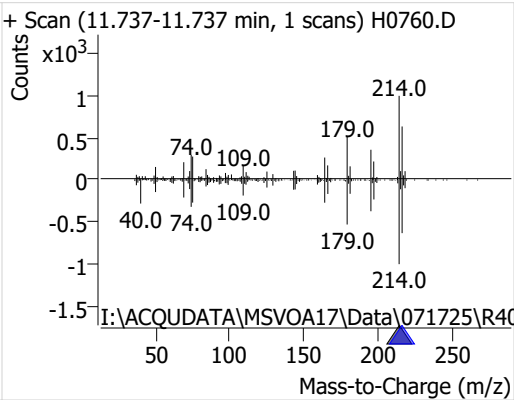




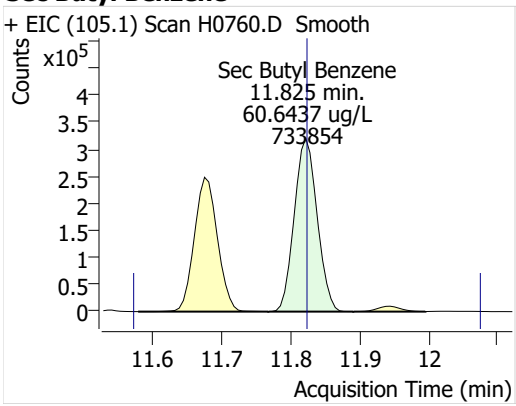
3,4-Dichlorobenzotrifluoride

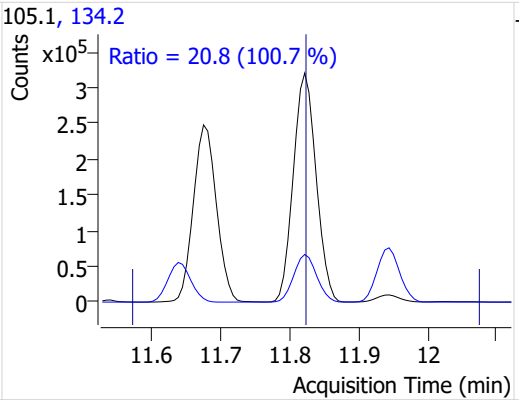


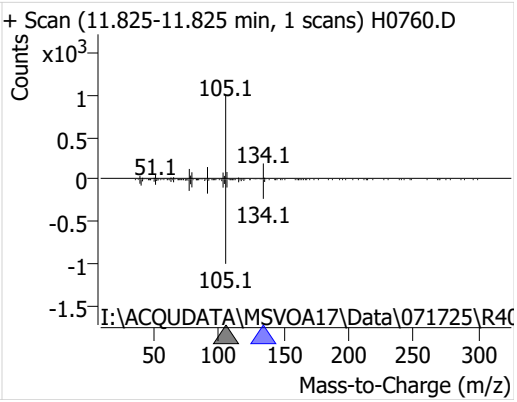




Sec Butyl Benzene

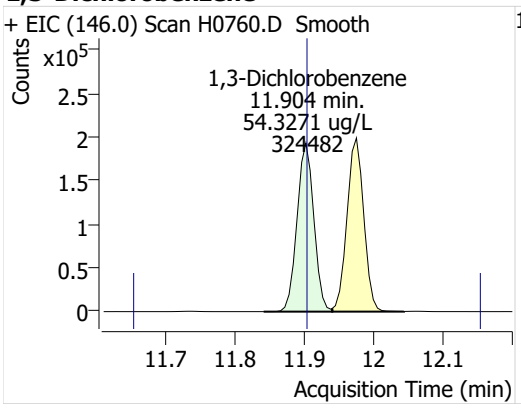


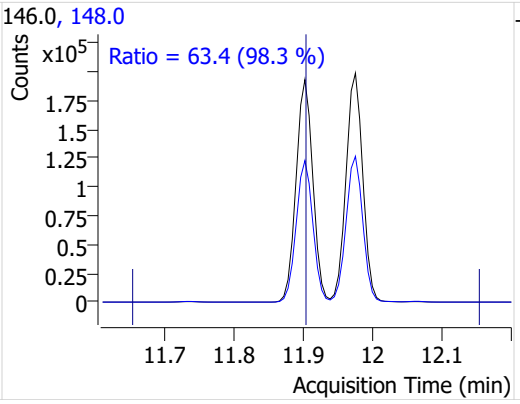


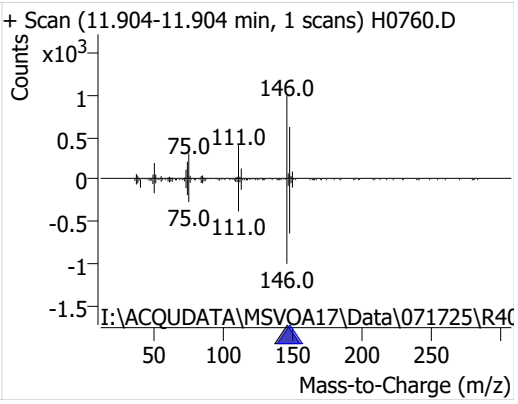


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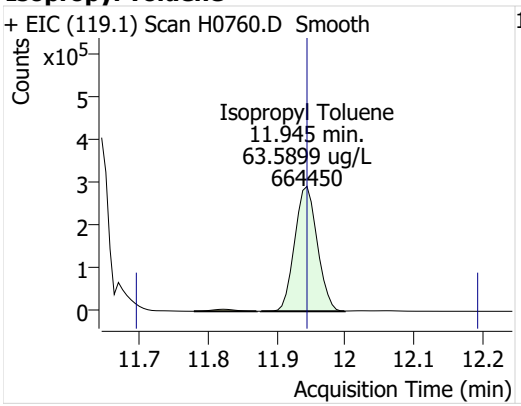
1,3-Dichlorobenzene

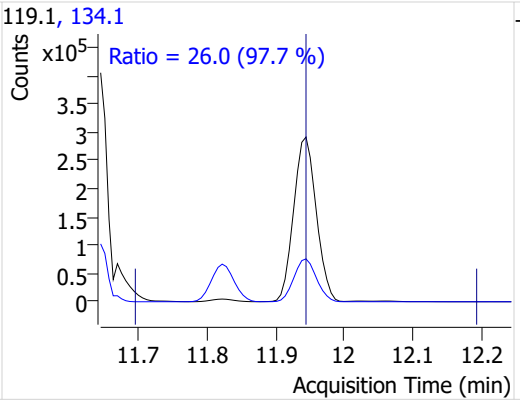


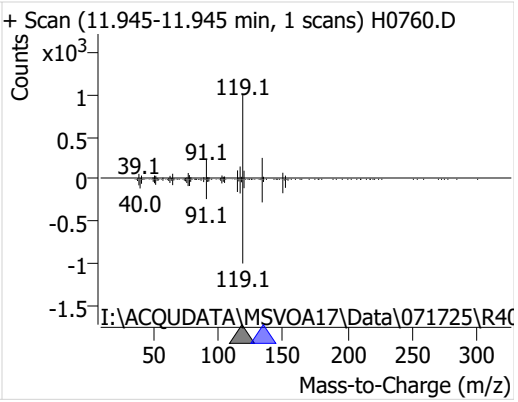




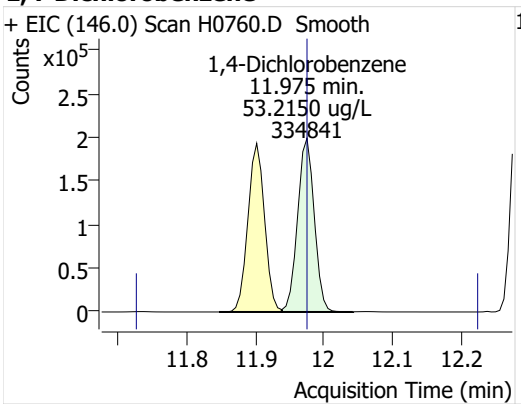
Isopropyl Toluene

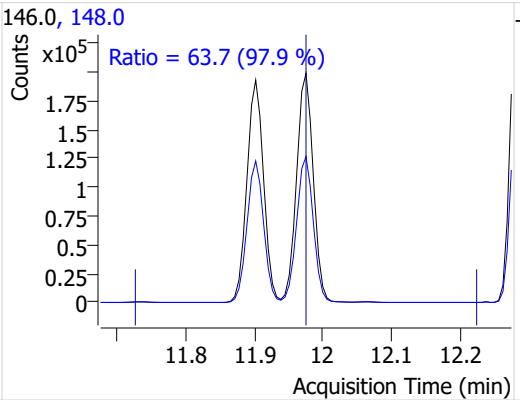


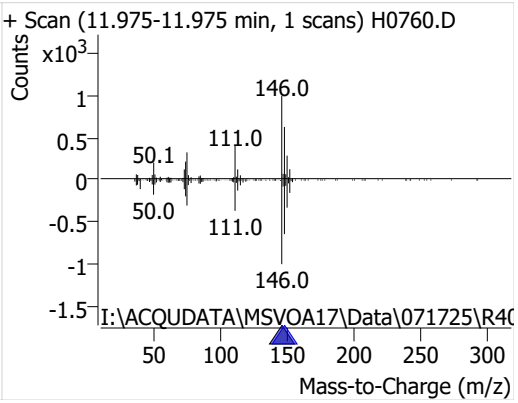




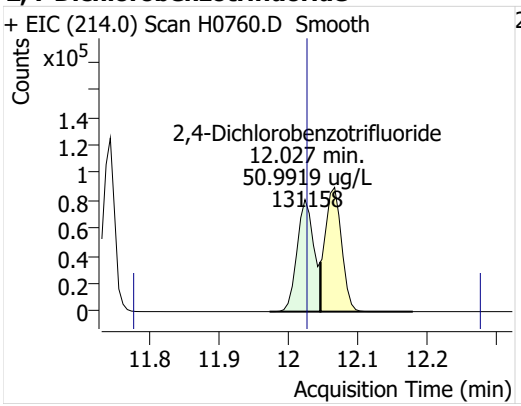
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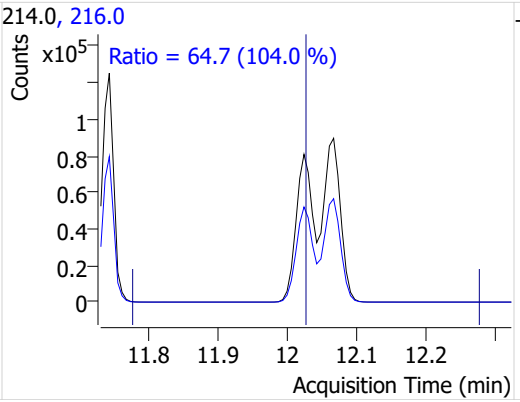


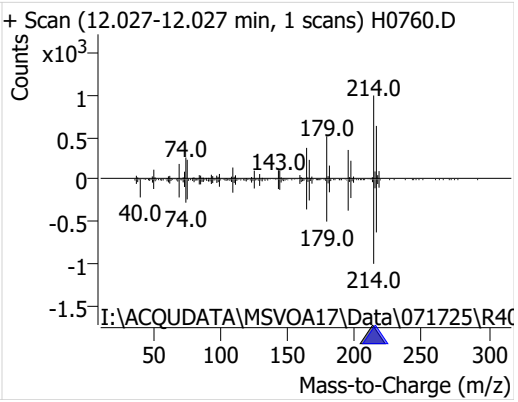




2,4-Dichlorobenzotrifluoride

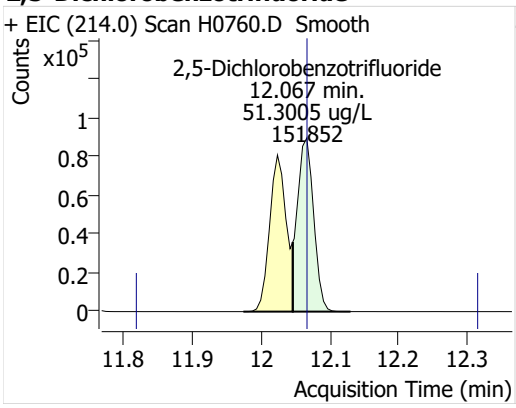


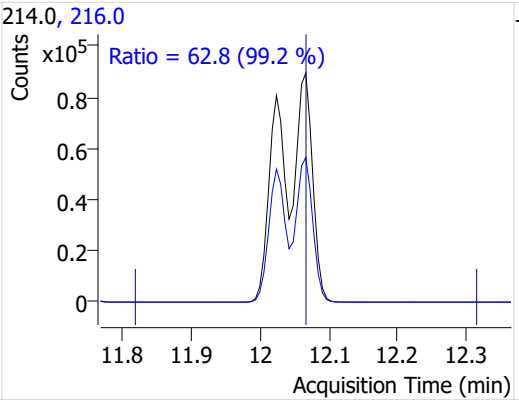


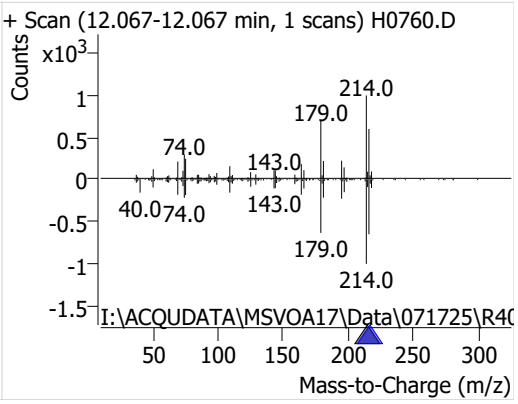


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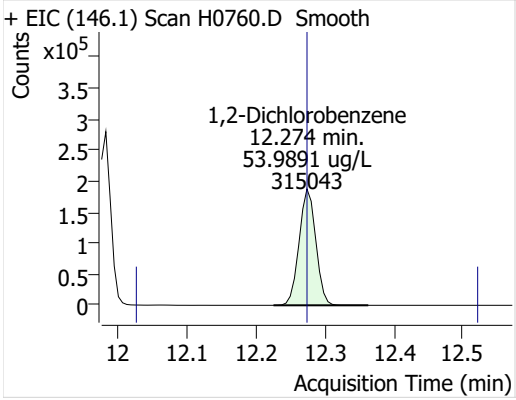
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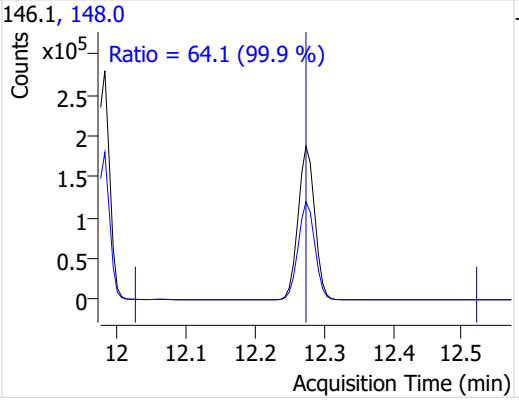


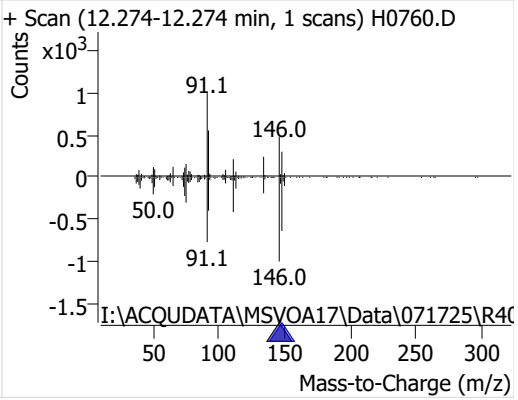




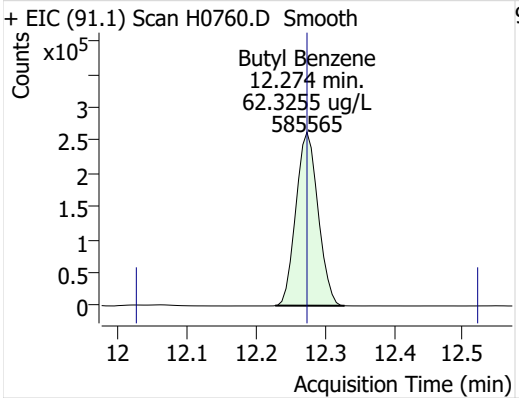
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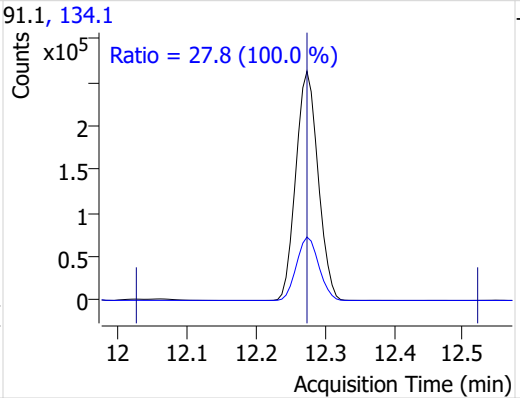


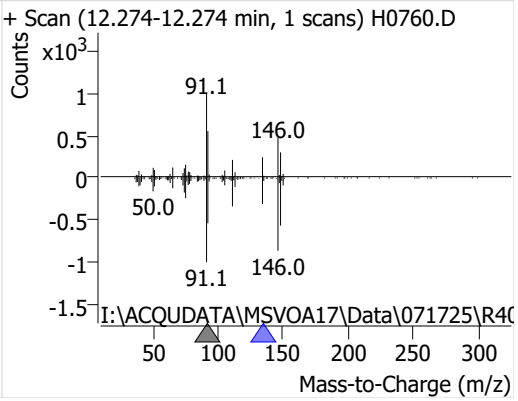




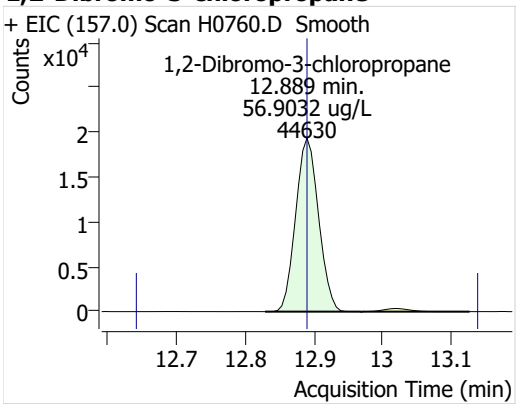
Butyl Benzene

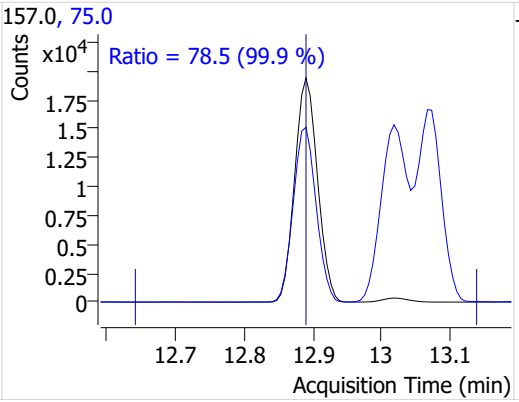


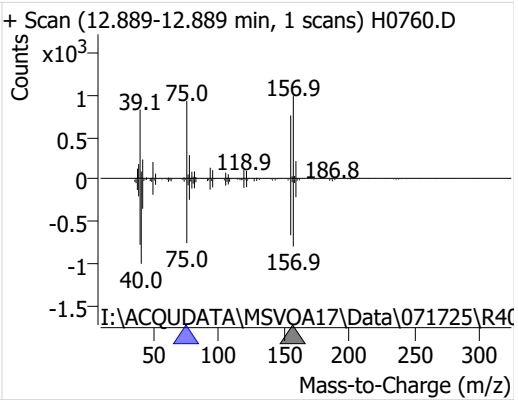




1,2-Dibromo-3-chloropropane

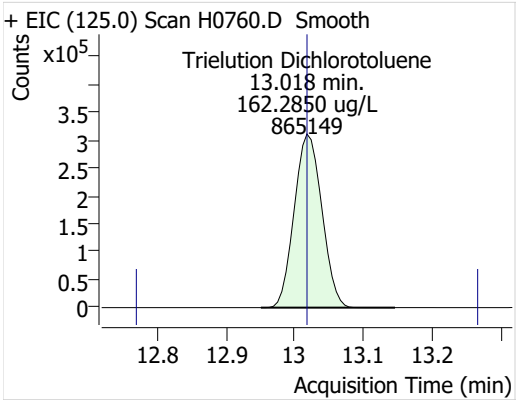


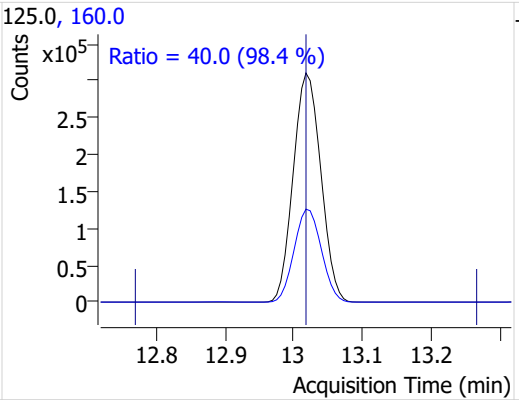


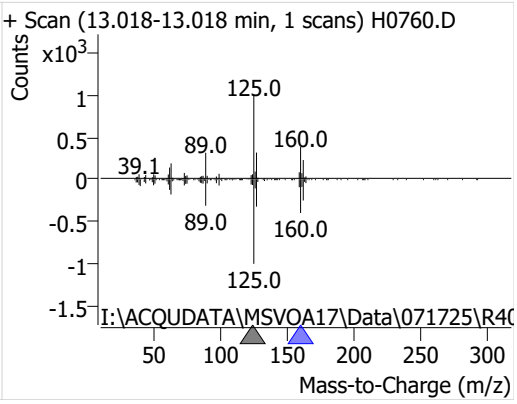


Masshunter Quantitative Analysis Sample Report

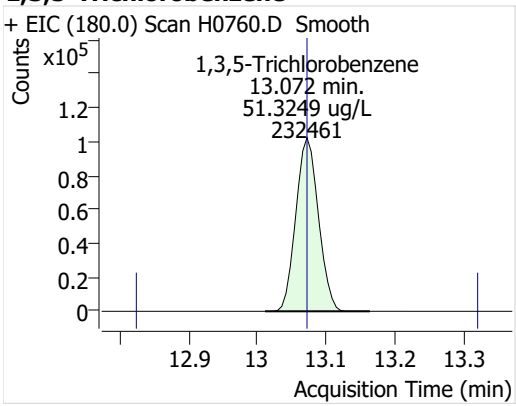
Trielution Dichlorotoluene

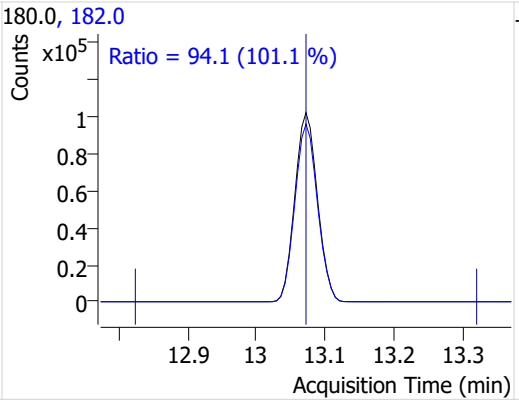


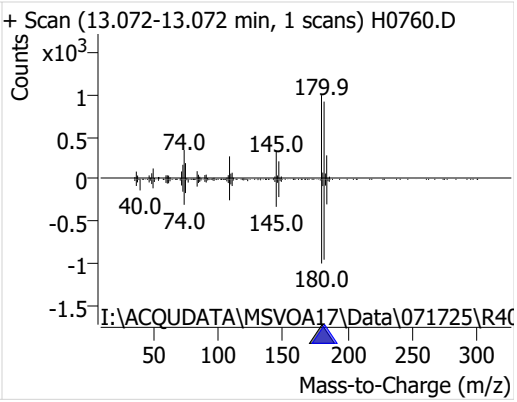




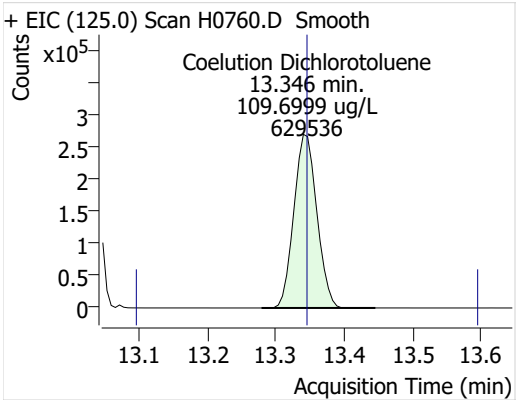
1,3,5-Trichlorobenzene

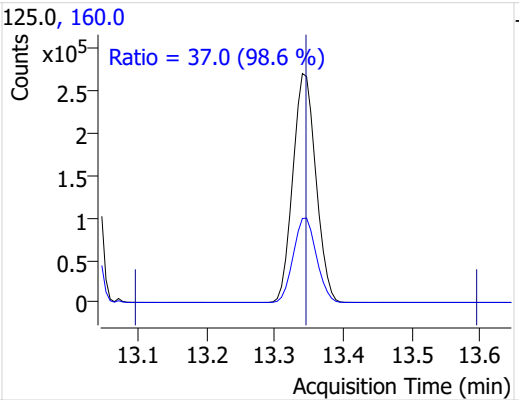


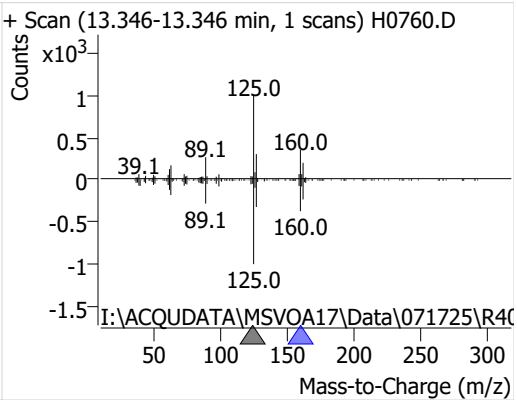




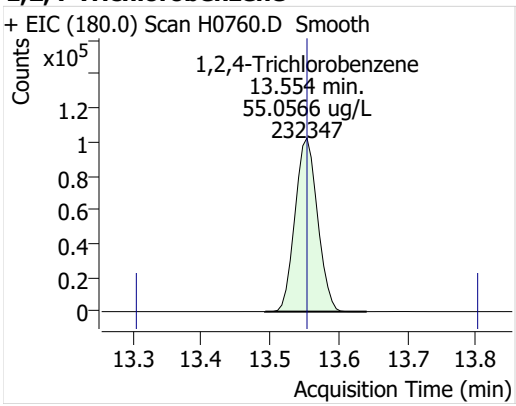
Coelution Dichlorotoluene

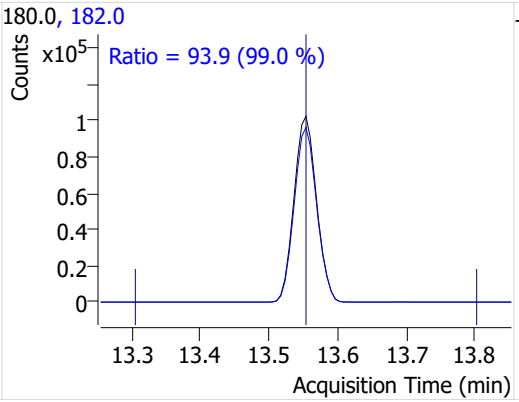


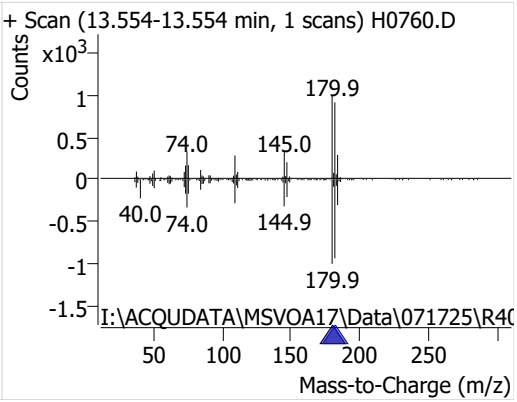




1,2,4-Trichlorobenzene

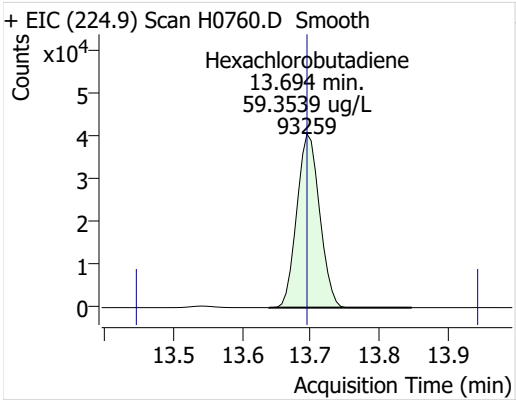


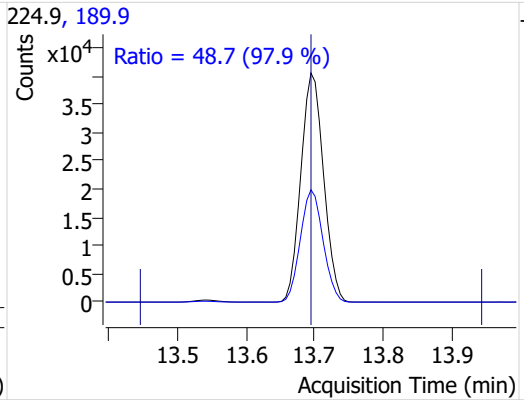


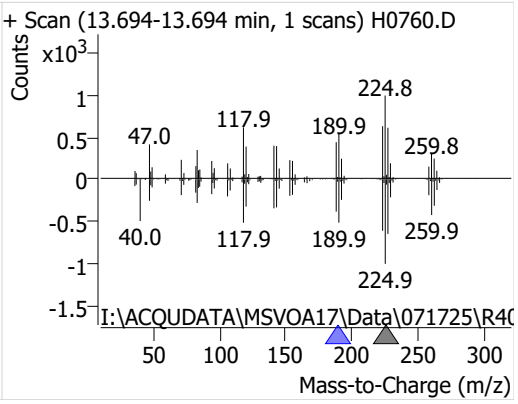


Masshunter Quantitative Analysis Sample Report

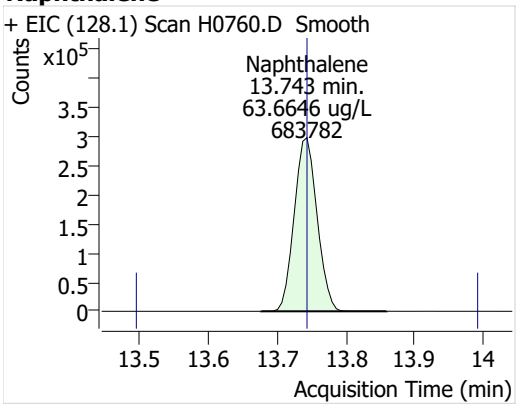
Hexachlorobutadiene

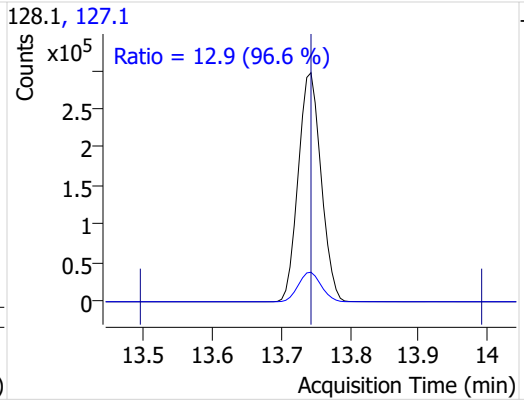


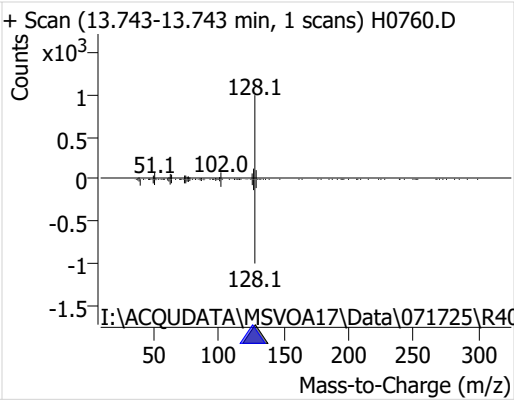




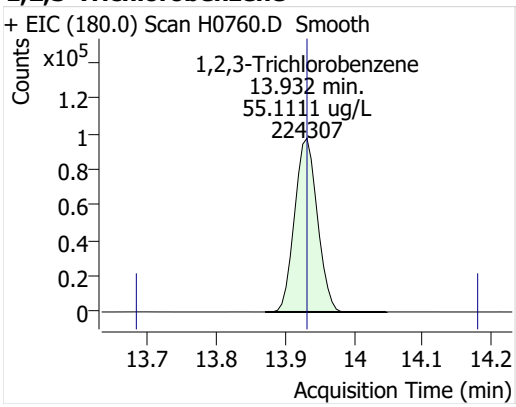
Naphthalene

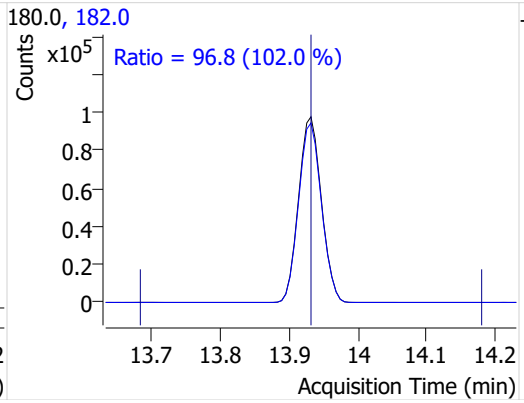


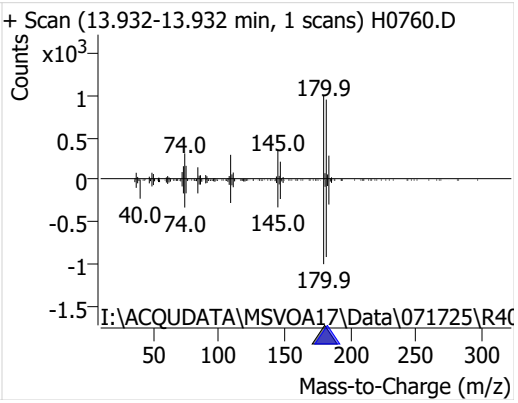




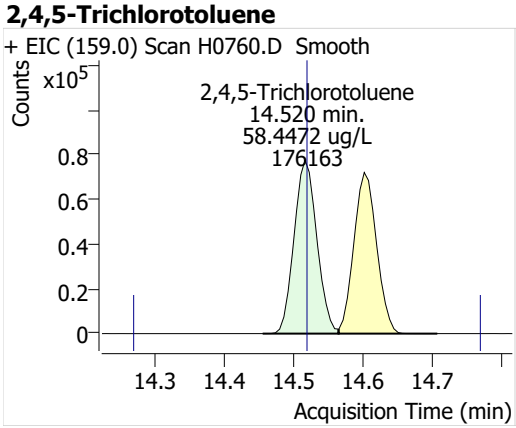
1,2,3-Trichlorobenzene

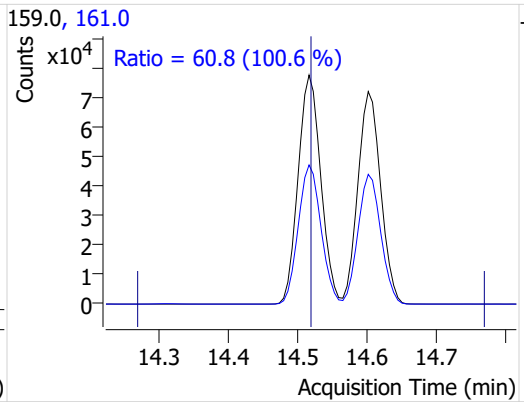


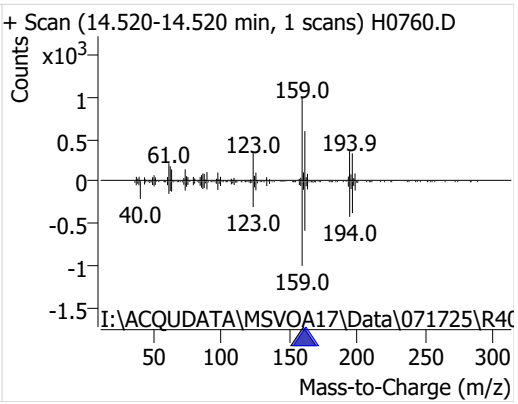




2,4,5-Trichlorotoluene

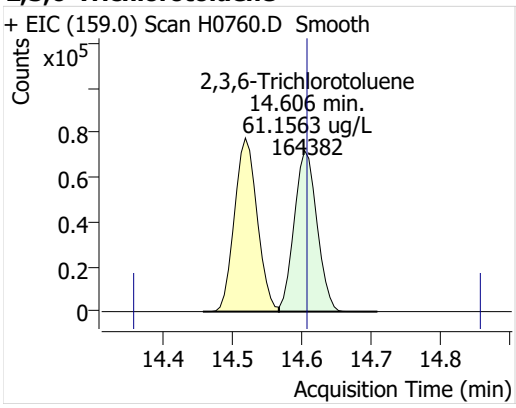


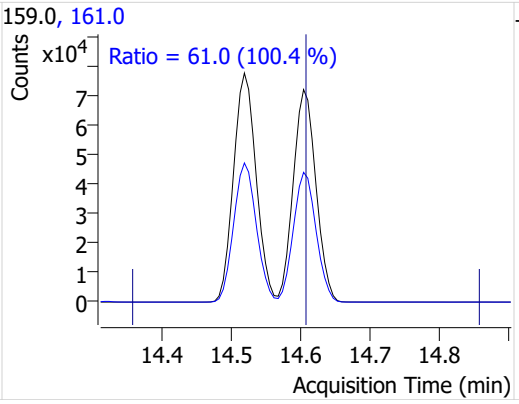


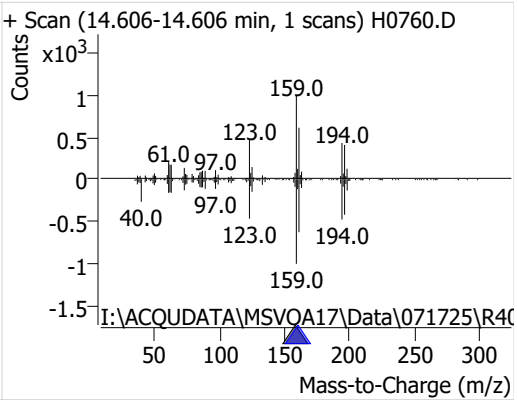


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

Batch Name I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin
Method File
Daily CC I:\ACQUDATA\MSVOA16\Data\090825\H0760.D

Level name	Injection Time	Calibration Files
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1	9/8/2025 3:16:37 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D
2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	242039	111.18	M
1,4-Difluorobenzene	360674	354457	396411	111.84	M
Chlorobenzene-d5	314511	309932	342164	110.40	M
1,4-Dichlorobenzene D4	183727	183815	198418	107.94	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.728	50.00	59.39	-18.79	143.94	Avg RF
Chlorodifluoromethane	-	0.609	0.712	50.00	58.48	-16.96	143.04	Avg RF
Chloromethane	-	0.558	0.560	50.00	50.24	-0.49	121.38	Avg RF
Vinyl Chloride	-	0.653	0.711	50.00	54.47	-8.93	133.69	Avg RF
Bromomethane	-	0.9905	0.5967	50.00	60.15	-20.31 #	164.46	Linear
Chloroethane	-	0.478	0.452	50.00	47.23	5.54	128.02	Avg RF
Fluorodichloromethane	-	0.985	0.978	50.00	49.67	0.66	123.19	Avg RF
Trichlorofluoromethane	-	0.892	0.957	50.00	53.67	-7.33	133.44	Avg RF
Freon 123a	-	0.531	0.549	50.00	51.66	-3.32	130.12	Avg RF
Diethyl Ether	-	0.458	0.455	50.00	49.68	0.63	114.33	Avg RF
Freon 123	-	0.799	0.815	50.00	50.97	-1.95	129.36	Avg RF
Acrolein	-	0.032	0.015	250.00	117.55	52.98 #	51.76	Avg RF
1,1-Dichloroethene	-	0.809	0.881	50.00	54.46	-8.92	133.59	Avg RF
Freon 113	-	0.557	0.570	50.00	51.23	-2.47	134.19	Avg RF
Acetone	-	0.224	0.226	50.00	50.48	-0.95	119.90	Avg RF
Iodomethane	-	0.9960	0.5120	50.00	38.39	23.23 #	88.14	Linear
2-Propanol	-	0.033	0.038	1000.00	1150.57	-15.06	146.96	Avg RF
Carbon Disulfide	-	1.356	1.422	50.00	52.46	-4.93	128.52	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.198	300.00	326.70	-8.90	137.51	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.26	-2.52	131.76	Avg RF
Methylene Chloride	-	0.543	0.553	50.00	50.91	-1.83	121.15	Avg RF
TBA	-	0.051	0.063	1000.00	1253.38	-25.34 #	143.52	Avg RF
Acrylonitrile	-	0.230	0.252	250.00	273.39	-9.36	123.40	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.715	50.00	49.92	0.16	121.17	Avg RF
MTBE	-	1.496	1.632	50.00	54.52	-9.03	121.23	Avg RF
1,1-Dichloroethane	-	0.918	0.977	50.00	53.25	-6.50	129.42	Avg RF
Vinyl Acetate	-	0.774	0.795	50.00	51.32	-2.63	114.59	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.504	50.00	58.47	-16.94	136.01	Avg RF
Diisopropyl ether	-	1.567	1.555	50.00	49.60	0.80	114.57	Avg RF
ETBE	-	1.467	1.563	50.00	53.29	-6.59	120.60	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.658	50.00	57.45	-14.91	133.85	Avg RF
2,2-Dichloropropane	-	0.685	0.818	50.00	59.63	-19.26	144.25	Avg RF
2-Butanone	-	0.281	0.292	50.00	51.81	-3.63	124.31	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.099	250.00	280.28	-12.11	128.56	Avg RF
Bromochloromethane	-	0.402	0.418	50.00	52.00	-3.99	120.39	Avg RF
Methylacrylonitrile	-	0.230	0.259	50.00	56.26	-12.53	122.54	Avg RF
Tetrahydrofuran	-	0.171	0.183	50.00	53.64	-7.27	124.39	Avg RF
Chloroform	-	0.944	0.963	50.00	51.02	-2.04	125.26	Avg RF
1,1,1-Trichloroethane	-	0.774	0.869	50.00	56.11	-12.22	136.39	Avg RF
TAME	-	1.361	1.504	50.00	55.24	-10.48	122.27	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.318	50.00	49.30	1.39	104.29	Avg RF
Cyclohexane	-	0.9954	0.5049	50.00	54.40	-8.79	126.87	Quadratic
Carbon Tetrachloride	-	0.428	0.477	50.00	55.74	-11.47	135.31	Avg RF
1,1-Dichloropropene	-	0.398	0.447	50.00	56.17	-12.33	140.27	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.369	50.00	49.64	0.71	105.97	Avg RF
Benzene	-	1.197	1.292	50.00	53.97	-7.93	128.71	Avg RF
1,2-Dichloroethane	-	0.463	0.489	50.00	52.85	-5.69	119.01	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0145	1000.00	1204.98	-20.50 #	138.61	Quadratic
n-Heptane	-	0.9904	0.4781	50.00	57.29	-14.59	142.17	Quadratic
Trichloroethene	-	0.368	0.396	50.00	53.90	-7.80	131.29	Avg RF
1-Butanol	-	0.008	0.010	2500.00	2959.86	-18.39	134.58	Avg RF
Methylcyclohexane	-	0.434	0.449	50.00	51.78	-3.55	127.33	Avg RF
1,2-Dichloropropane	-	0.329	0.354	50.00	53.86	-7.73	125.45	Avg RF
Dibromomethane	-	0.235	0.243	50.00	51.72	-3.44	122.84	Avg RF
1,4-Dioxane	-	0.005	0.005	1000.00	1071.04	-7.10	125.35	Avg RF
Methyl Methacrylate	-	0.226	0.256	50.00	56.63	-13.25	126.16	Avg RF
Bromodichloromethane	-	0.436	0.451	50.00	51.65	-3.30	120.21	Avg RF
2-Nitropropane	-	0.9991	0.1212	100.00	111.52	-11.52	128.15	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.219	50.00	111.63	-123.25 #	238.67	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.494	50.00	56.87	-13.75	129.40	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.370	50.00	58.24	-16.48	141.31	Avg RF
Toluene-d8	-	1.246	1.205	50.00	48.34	3.32	104.07	Avg RF
Toluene	-	1.310	1.449	50.00	55.33	-10.66	132.17	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.434	50.00	56.93	-13.85	129.94	Avg RF
Ethyl Methacrylate	-	0.398	0.445	50.00	55.97	-11.94	122.62	Avg RF
1,1,2-Trichloroethane	-	0.302	0.327	50.00	54.21	-8.42	122.32	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.430	50.00	56.95	-13.90	140.32	Avg RF
1,3-Dichloropropane	-	0.578	0.609	50.00	52.70	-5.41	120.23	Avg RF
2-Hexanone	-	0.141	0.166	50.00	58.80	-17.60	142.04	Avg RF
Dibromochloromethane	-	0.403	0.436	50.00	54.12	-8.24	121.83	Avg RF
N-Butyl Acetate	-	0.540	0.624	50.00	57.78	-15.56	133.47	Avg RF
1,2-Dibromoethane	-	0.336	0.362	50.00	54.01	-8.01	122.71	Avg RF
Chlorobenzene	-	1.047	1.124	50.00	53.68	-7.35	127.11	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.554	50.00	50.81	-1.62	127.92	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.534	50.00	51.63	-3.25	129.52	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.411	50.00	56.31	-12.63	127.20	Avg RF
Ethylbenzene	-	1.620	1.864	50.00	57.54	-15.07	134.80	Avg RF
m,p-Xylene	-	1.220	1.461	100.00	119.73	-19.73	134.78	Avg RF
o-Xylene	-	1.303	1.471	50.00	56.48	-12.95	130.61	Avg RF
Styrene	-	1.095	1.268	50.00	57.93	-15.85	130.10	Avg RF
Bromoform	-	0.246	0.287	50.00	58.33	-16.65	131.76	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.553	50.00	50.66	-1.32	127.49	Avg RF
Isopropyl Benzene	-	1.471	1.863	50.00	63.30	-26.60 #	144.83	Avg RF
Cyclohexanone	-	0.9999	0.0835	1000.00	1196.76	-19.68	138.69	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.124	50.00	53.87	-7.75	117.18	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

1st 09/11/25
2nd 09/11/25

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.783	50.00	48.69	2.62	105.55	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.879	50.00	55.38	-10.75	123.67	Avg RF
Bromobenzene	-	0.790	0.856	50.00	54.18	-8.37	122.95	Avg RF
1,2,3-Trichloropropane	-	0.981	1.063	50.00	54.19	-8.39	125.03	Avg RF
Propyl Benzene	-	3.172	3.675	50.00	57.94	-15.88	129.59	Avg RF
2-Chlorotoluene	-	1.908	2.168	50.00	56.82	-13.64	132.45	Avg RF
3-Chlorotoluene	-	1.921	1.945	50.00	50.62	-1.25	118.90	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.871	50.00	59.34	-18.69	133.17	Avg RF
4-Chlorotoluene	-	2.595	3.000	50.00	57.82	-15.63	130.68	Avg RF
Tert Butyl Benzene	-	2.384	2.877	50.00	60.34	-20.68 #	139.55	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.898	50.00	61.15	-22.29 #	132.57	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.752	50.00	53.53	-7.05	126.52	Avg RF
Sec Butyl Benzene	-	3.049	3.699	50.00	60.64	-21.29 #	137.53	Avg RF
1,3-Dichlorobenzene	-	1.505	1.635	50.00	54.33	-8.65	128.16	Avg RF
Isopropyl Toluene	-	2.633	3.349	50.00	63.59	-27.18 #	143.56	Avg RF
1,4-Dichlorobenzene	-	1.586	1.688	50.00	53.22	-6.43	125.78	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.661	50.00	50.99	-1.98	124.12	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.765	50.00	51.30	-2.60	125.38	Avg RF
1,2-Dichlorobenzene	-	1.470	1.588	50.00	53.99	-7.98	120.56	Avg RF
Butyl Benzene	-	2.368	2.951	50.00	62.33	-24.65 #	141.05	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.225	50.00	56.90	-13.81	132.02	Avg RF
Trielution Dichlorotoluene	-	1.343	1.453	150.00	162.28	-8.19	121.51	Avg RF
1,3,5-Trichlorobenzene	-	1.141	1.172	50.00	51.32	-2.65	119.19	Avg RF
Coelution Dichlorotoluene	-	1.446	1.586	100.00	109.70	-9.70	120.07	Avg RF
1,2,4-Trichlorobenzene	-	1.063	1.171	50.00	55.06	-10.11	125.54	Avg RF
Hexachlorobutadiene	-	0.396	0.470	50.00	59.35	-18.71	140.45	Avg RF
Naphthalene	-	2.707	3.446	50.00	63.66	-27.33 #	132.68	Avg RF
1,2,3-Trichlorobenzene	-	1.026	1.130	50.00	55.11	-10.22	122.51	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.888	50.00	58.45	-16.89	121.88	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.828	50.00	61.16	-22.31 #	133.41	Avg RF

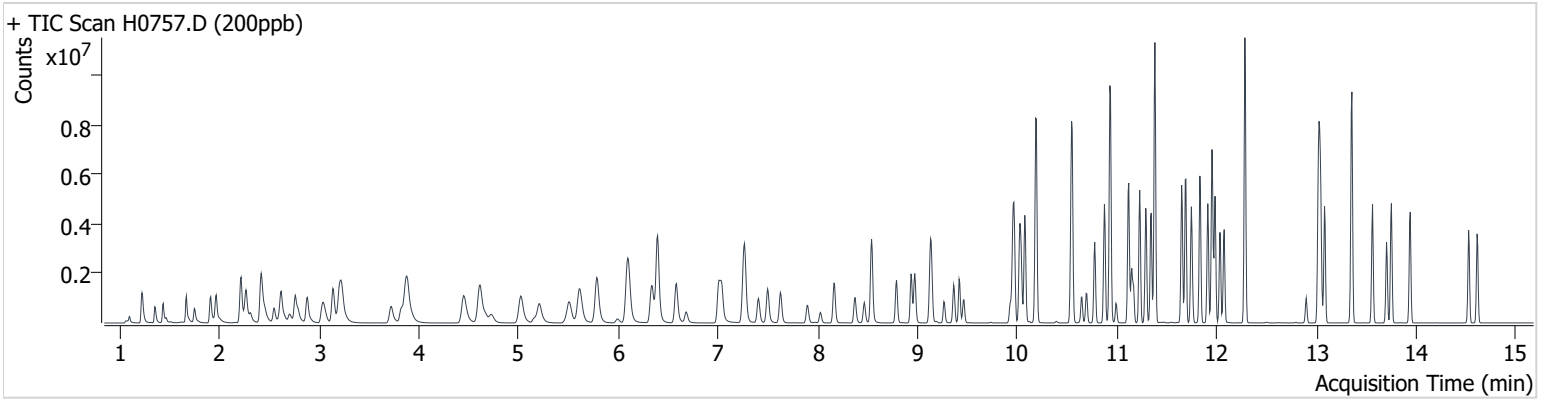
ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 87% (101 of 115)

Masshunter Quantitative Analysis Sample Report

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H0757.D

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Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	262035	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	435581	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	371157	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	228447	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	137180	48.8510	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	532707	49.0807	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.986	0.002	199891	54.3796	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	157124	48.4774	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	648986	202.0482	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	622938	195.2611	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	554902	189.8474	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	667510	195.0511	ug/L
Bromomethane	94.000	0.296	0.001	1.663	0.007	552307	213.4055	ug/L
Chloroethane	64.000	0.311	0.002	1.746	0.009	476165	189.8982	ug/L
Fluorodichloromethane	67.000	0.339	0.001	1.906	0.003	1005456	194.8297	ug/L
Trichlorofluoromethane	101.000	0.348	0.001	1.959	0.006	947706	202.8059	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.003	531837	190.9646	ug/L
Diethyl Ether	59.000	0.394	0.000	2.213	0.003	510606	212.9157	ug/L
Freon 123	83.000	0.402	0.000	2.262	0.003	799948	191.0272	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.002	174988	1036.4223	ug/L
1,1-Dichloroethene	61.000	0.428	0.001	2.404	0.003	882756	208.1573	ug/L
Freon 113	101.000	0.431	0.001	2.422	0.004	580522	199.0227	ug/L
Acetone	43.000	0.436	0.001	2.453	0.003	258682	220.7293	ug/L
Iodomethane	142.000	0.452	0.000	2.544	0.003	735139	201.1273	ug/L
2-Propanol	45.000	0.465	0.001	2.612	0.006	864368	5034.3136	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	1422437	200.2294	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.004	1263961 LT	1325.0647	ug/L
Methyl Acetate	43.000	0.495	0.001	2.783	0.003	499769	214.9818	ug/L

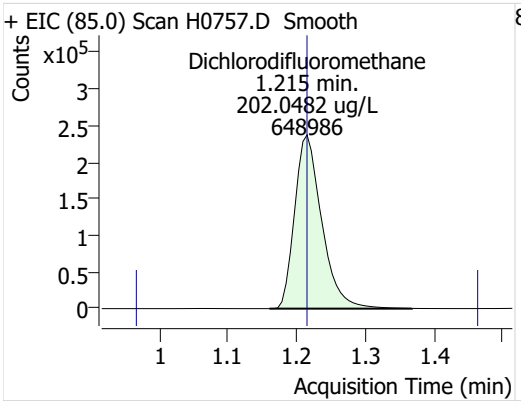
Masshunter Quantitative Analysis Sample Report

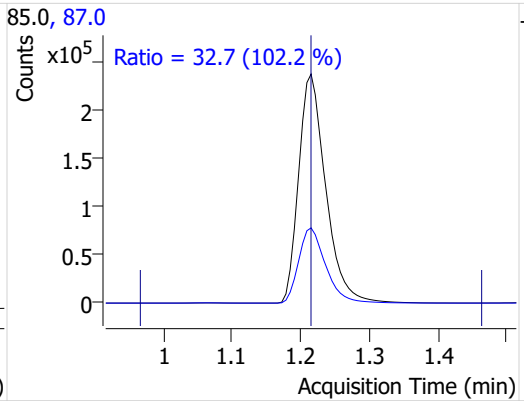
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	554283	194.6673	ug/L
TBA	59.000	0.539	0.001	3.032	0.006	1515700	5719.3499	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	1370959	1137.3333	ug/L
trans-1,2-Dichloroethene	61.000	0.567	0.001	3.190	0.006	805967	214.7378	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	1841679	234.8345	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	991951	206.2837	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	1096389	270.1895	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	516109	228.5380	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	1793516	218.3620	ug/L
ETBE	59.000	0.791	0.001	4.447	0.003	1740013	226.3827	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.001	627321	209.1535	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	839447	233.6702	ug/L
2-Butanone	43.000	0.830	0.001	4.666	0.007	343523	232.9323	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	540159	1166.0275	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	423132	200.8064	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.020	0.001	288824	239.3583	ug/L
Tetrahydrofuran	42.000	0.917	0.003	5.155	0.016	205319	229.5116	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	985287	199.2096	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	880603	217.0040	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	850988	194.1694	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	820083 BA	220.1856	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	716482	206.7842	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	2101026	201.5426	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	837962	207.8483	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.100	0.000	606391	3977.5652	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	1670851	234.2535	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	817069	190.3964	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	639128	199.4675	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	1054918	14704.0537	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	818461	216.5541	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	611172	213.1953	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	406726	198.7823	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	199733	4733.8313	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	488171	248.2611	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	799683	210.3742	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	518375	394.2615	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.000	200969	235.0207	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	880492	232.8854	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	667200	240.7942	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	2414805	211.6674	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	808848	243.4976	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	866426	249.9949	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	559679	212.8688	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	602156	214.8766	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	919232	214.2172	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	267294	254.9028	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	688768	230.3574	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	1051077	262.3769	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	539881	216.7238	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	1647705	211.9342	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.966	0.001	812996	200.7883	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.018	0.001	762658	198.5883	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	614391	226.9812	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	2575209	214.1933	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.003	3856598	425.8315	ug/L
o-Xylene	91.100	1.062	0.000	10.535	0.002	2238242	231.4669	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	1946471	239.5390	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	444881	243.2484	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	817509	201.6447	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	2533857	232.0096	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	3059425	4007.9568	ug/L

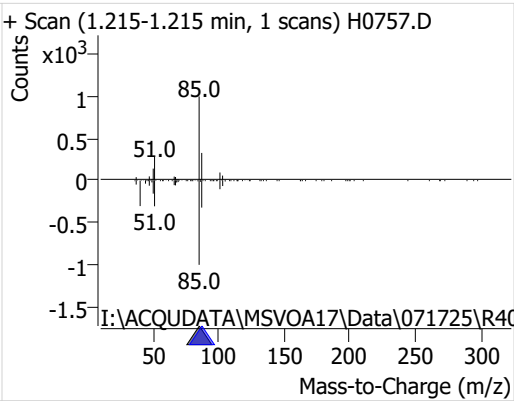
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	848213	233.8586	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	762976	211.3282	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.144	0.001	1020137	227.5591	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	221927	258.7686	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	3194816	220.4707	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.284	0.003	1916682	219.8993	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.337	0.003	1737118	197.9064	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	2523649	228.3660	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.373	0.002	2714737	228.9784	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	2437678	223.7695	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.682	0.002	2544480	235.0340	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	675061	210.3747	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.827	0.003	3069869	220.3381	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.906	0.002	1445029	210.1343	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	2784229	231.4328	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	1517438	209.4597	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.028	0.002	605142	204.3423	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.002	682888	200.3756	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	1462649	217.7063	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	2586353	239.0959	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	213797	236.7594	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.024	0.006	3983107	648.9379	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	1076884	206.5101	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.348	0.002	2839584	429.7678	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	1064457	219.0758	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	411712	227.5871	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	2821154	228.1401	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	1026736	219.1031	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.000	14.522	0.002	783578	225.8006	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.607	0.001	688606	222.5119	ug/L

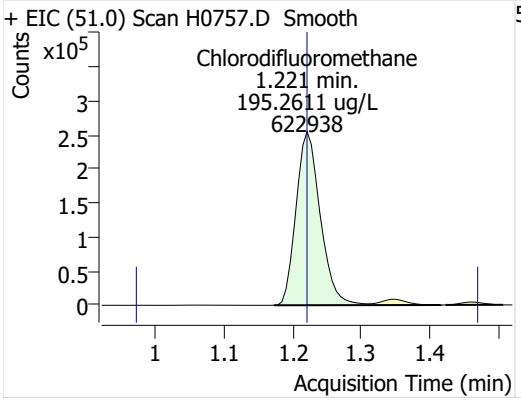
Dichlorodifluoromethane

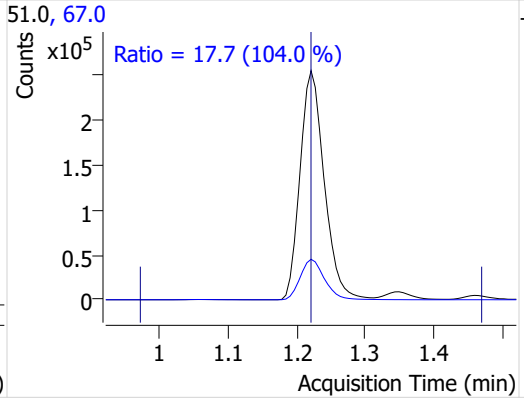


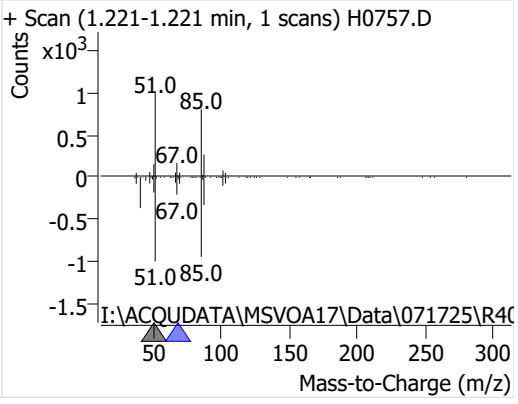




Chlorodifluoromethane

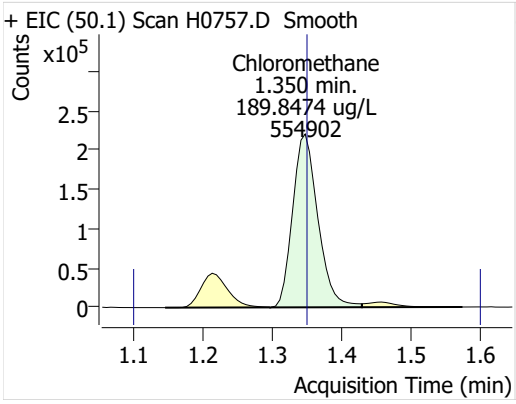


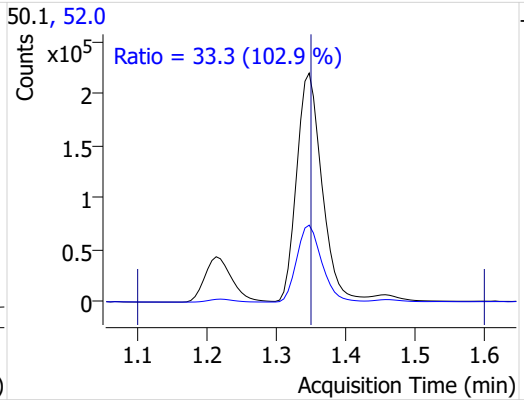


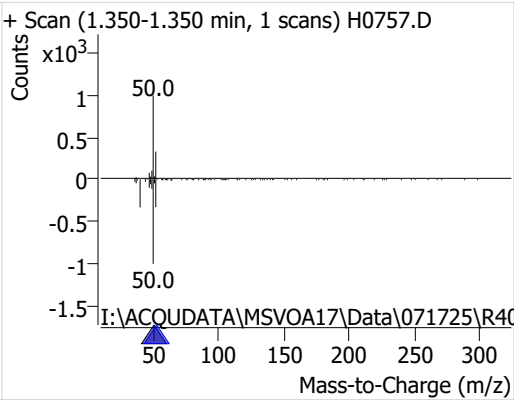


Masshunter Quantitative Analysis Sample Report

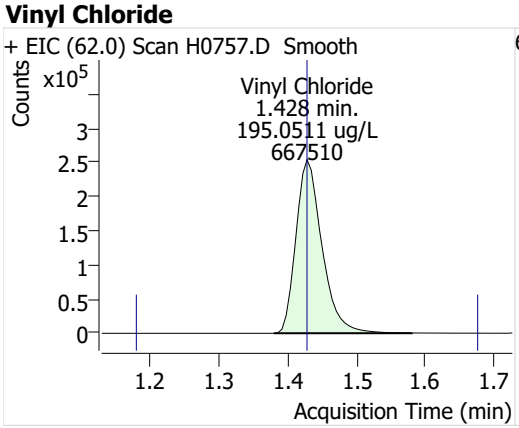
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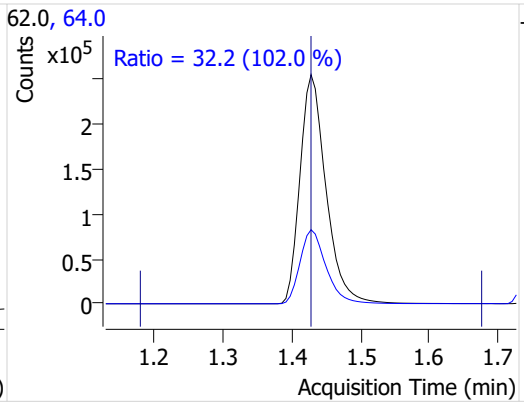


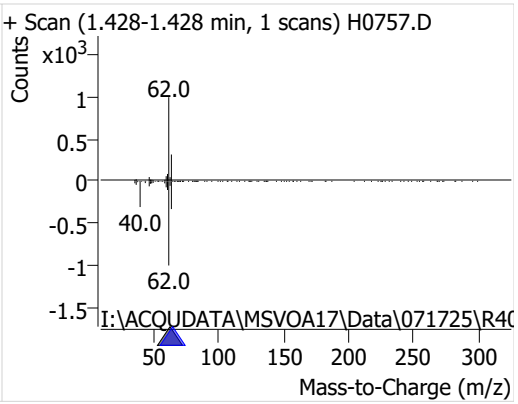




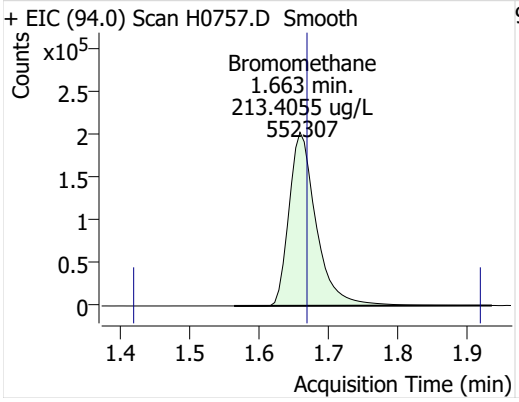
Vinyl Chloride

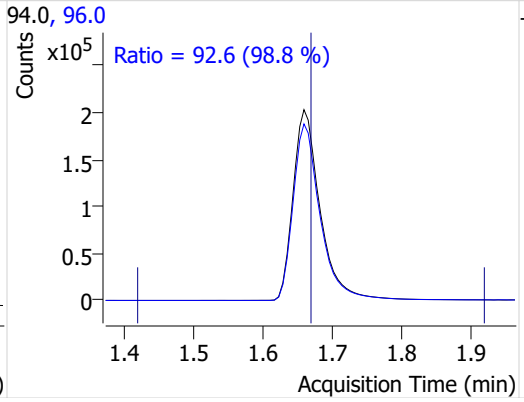


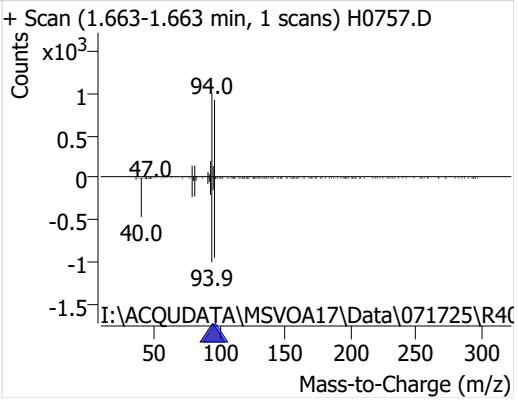




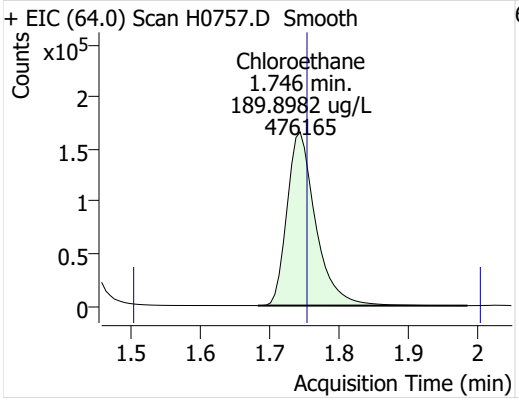
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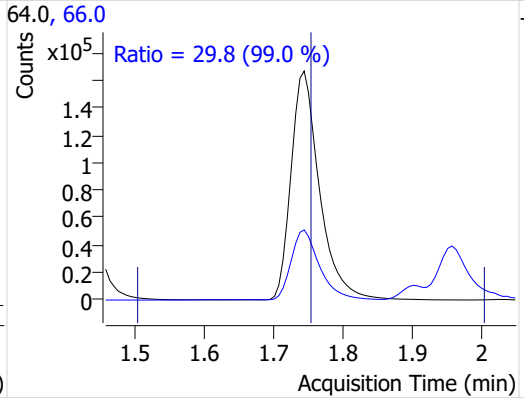


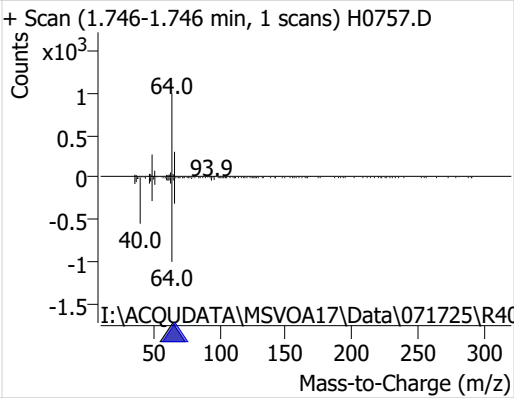




Chloroethane

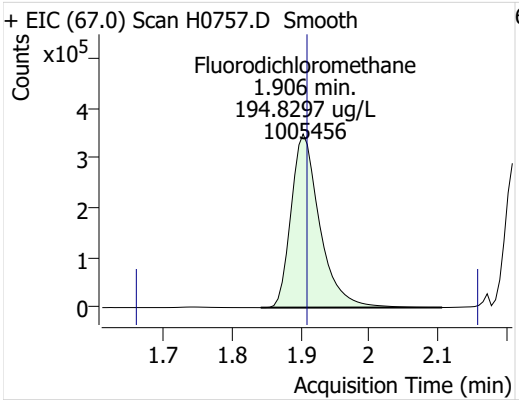


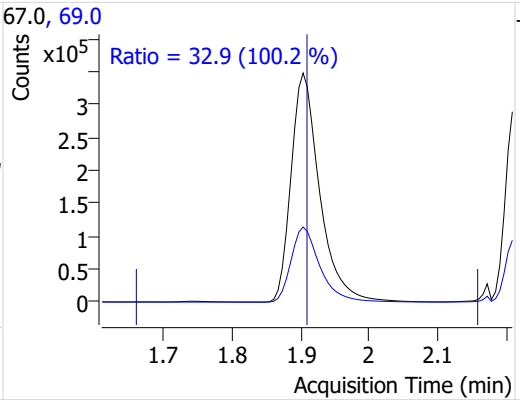


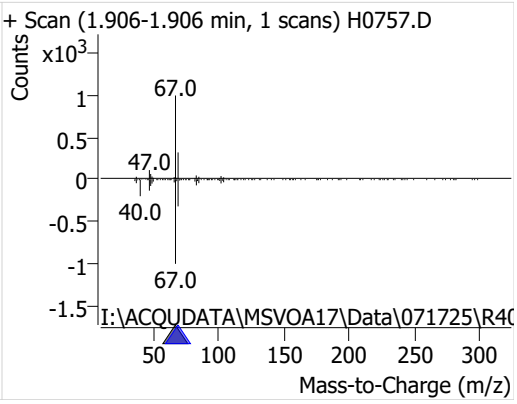


Masshunter Quantitative Analysis Sample Report

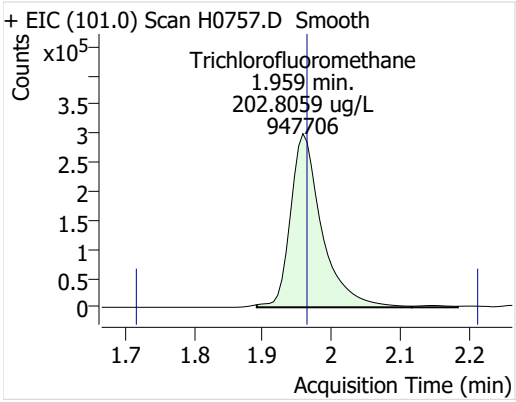
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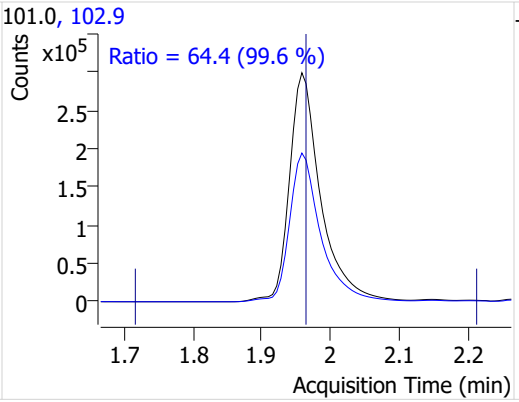


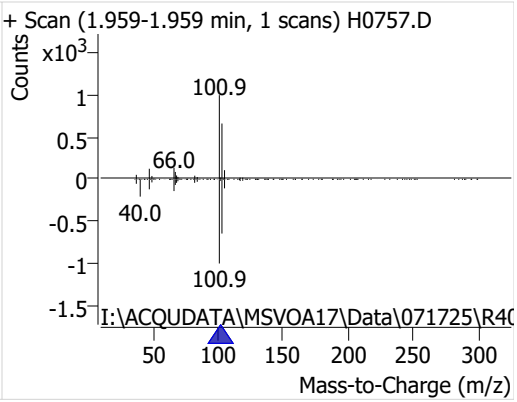




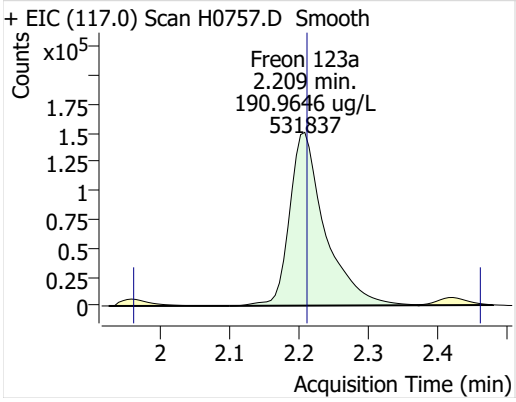
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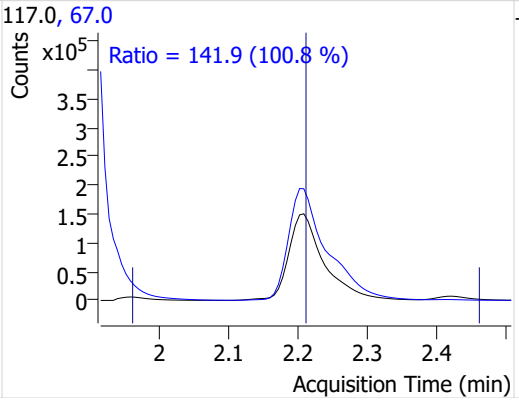


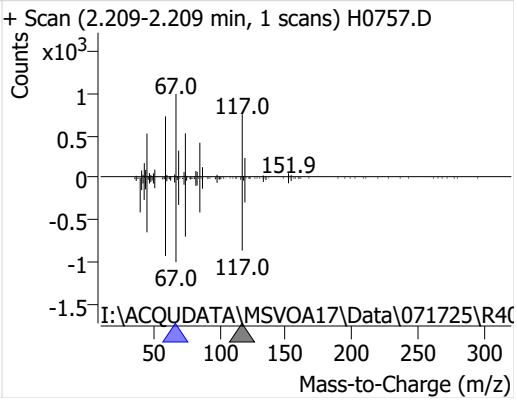




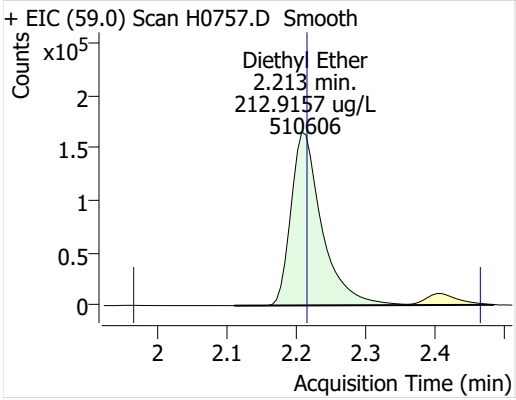
Freon 123a

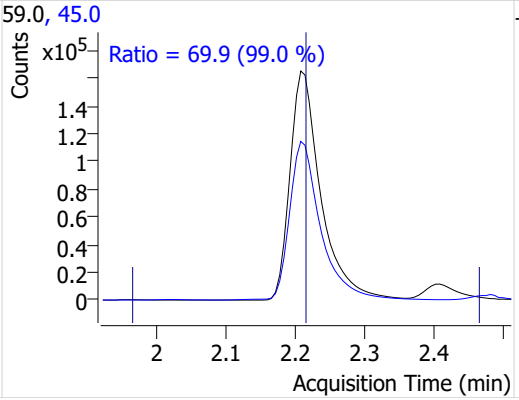


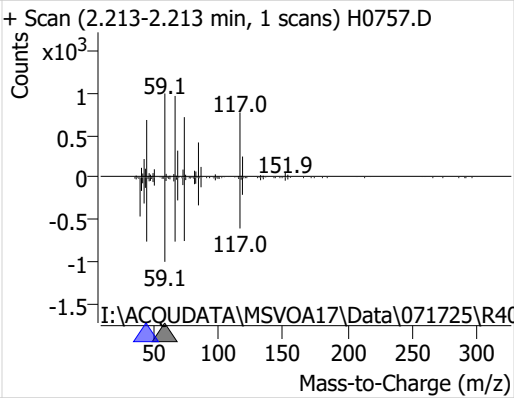




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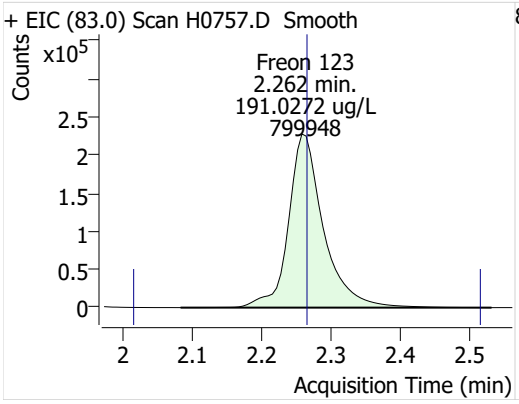


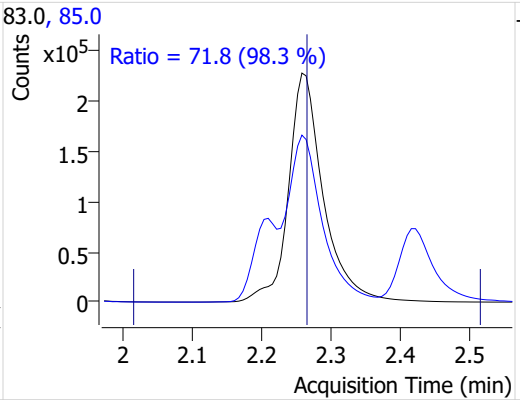


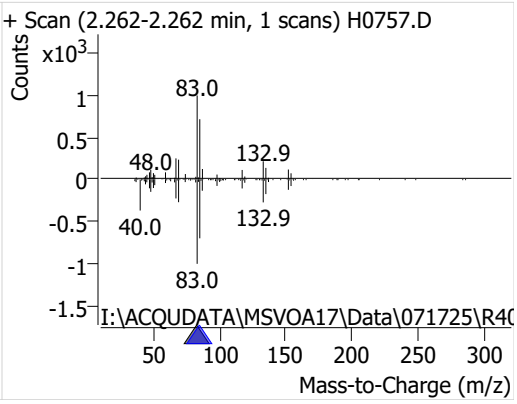


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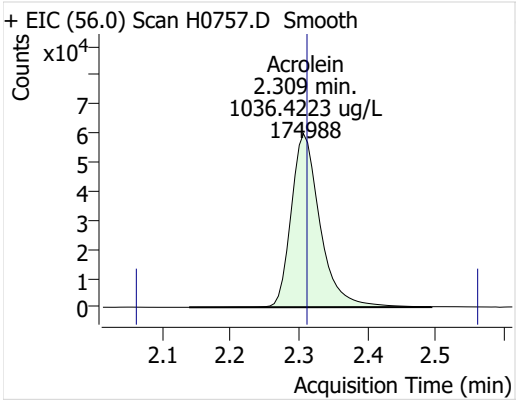
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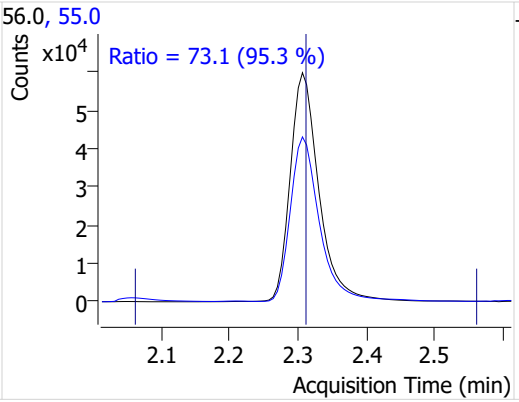


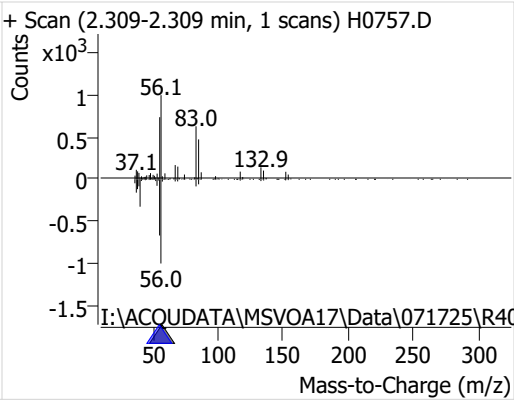




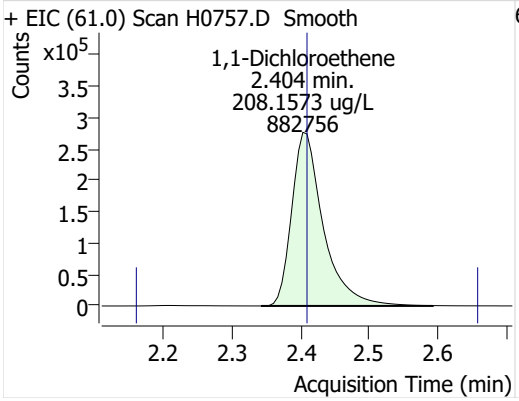
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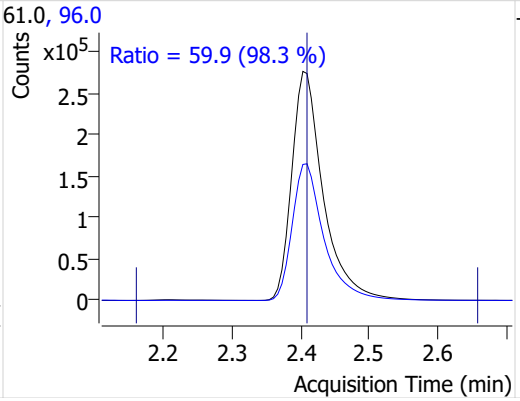


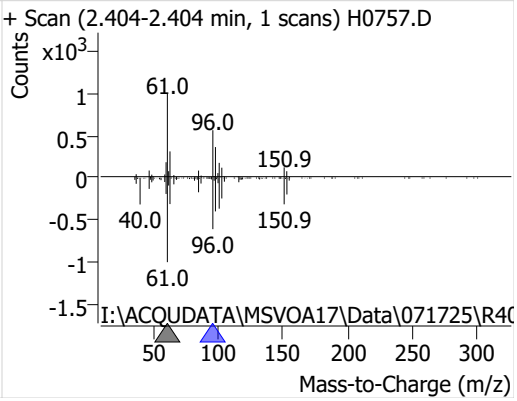




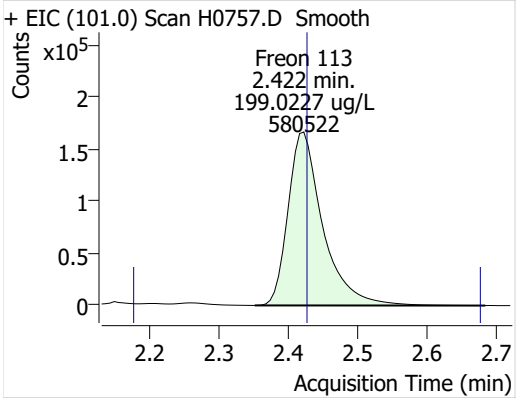
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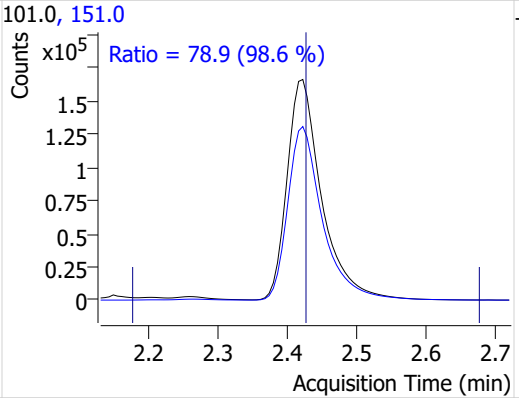


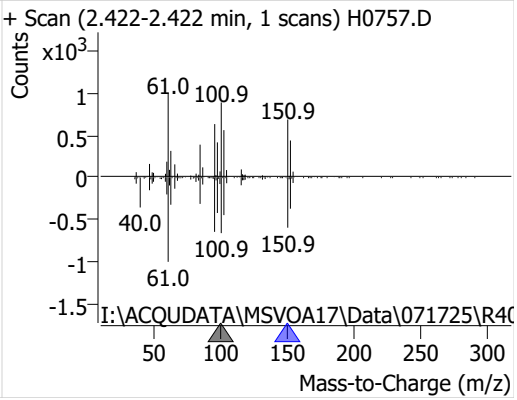




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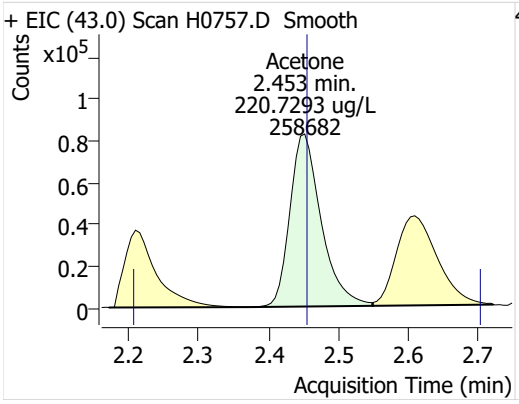


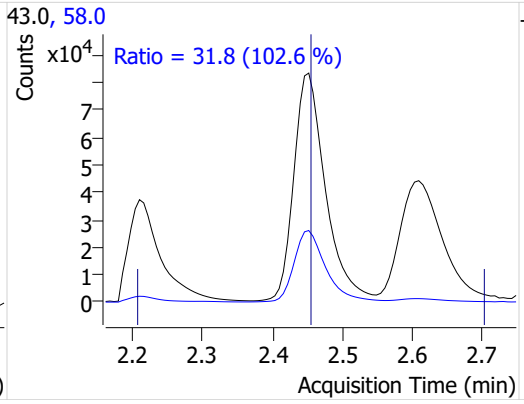


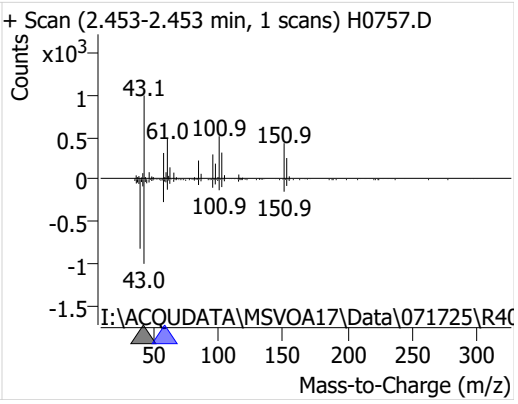


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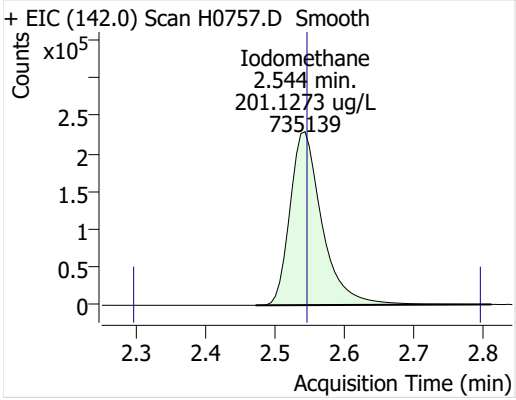
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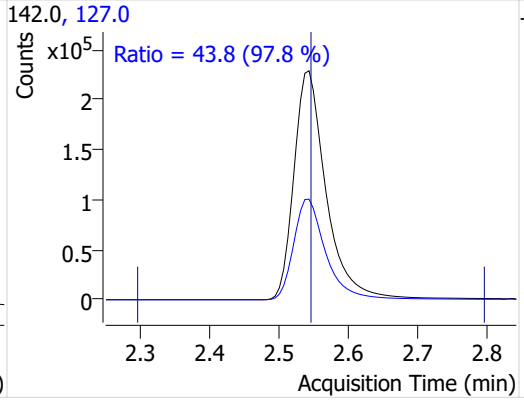


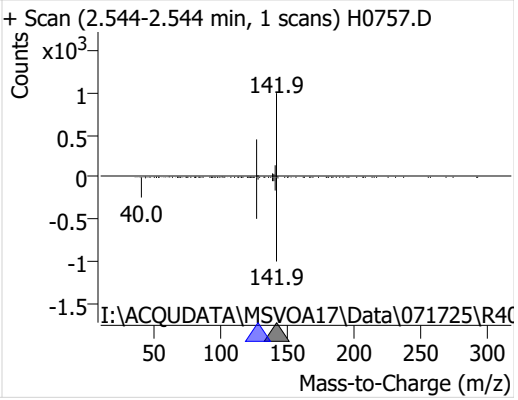




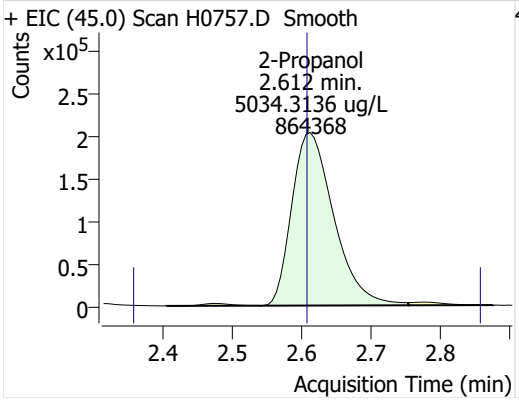
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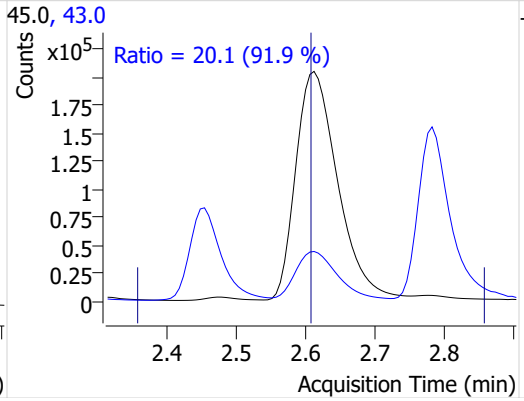


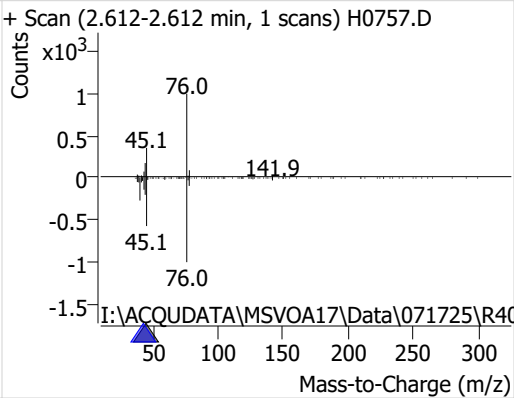




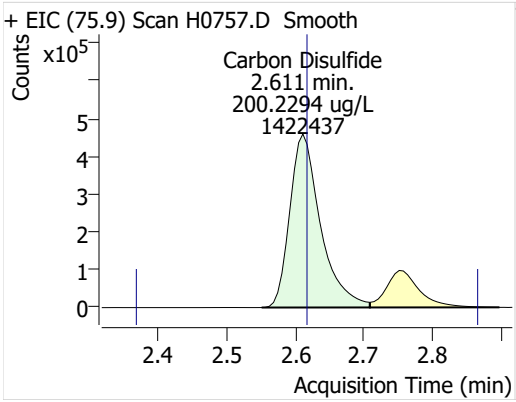
2-Propanol

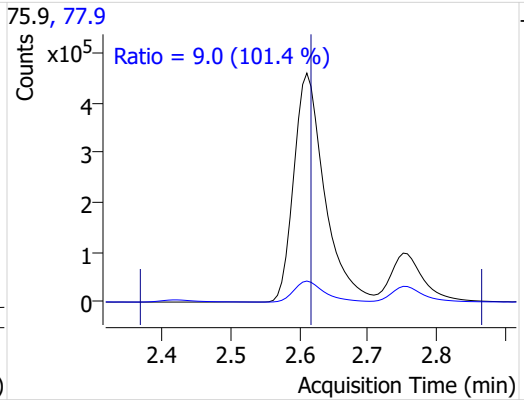


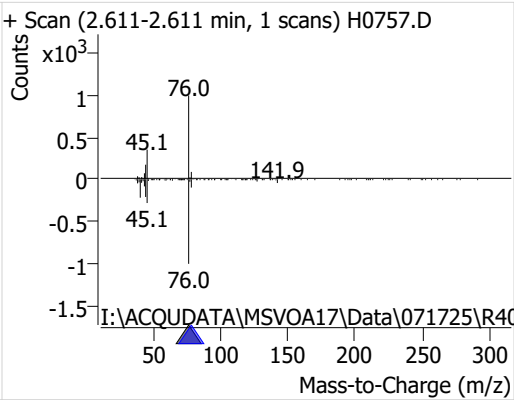




Carbon Disulfide

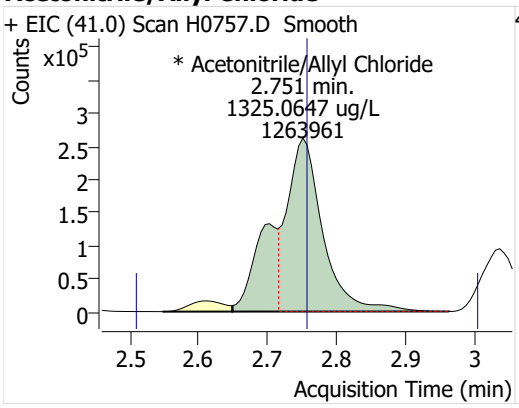


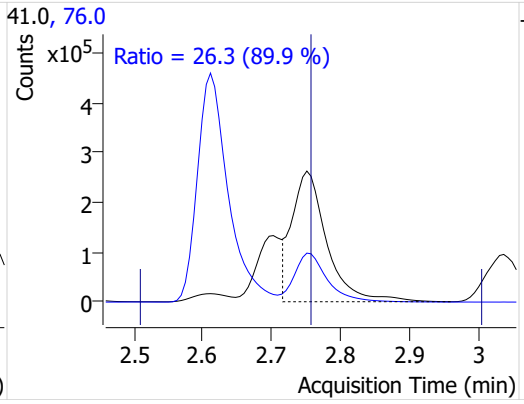


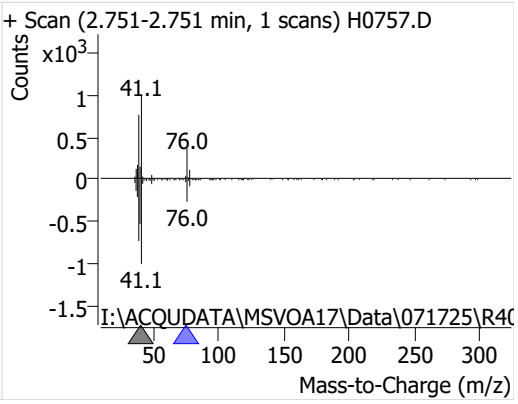


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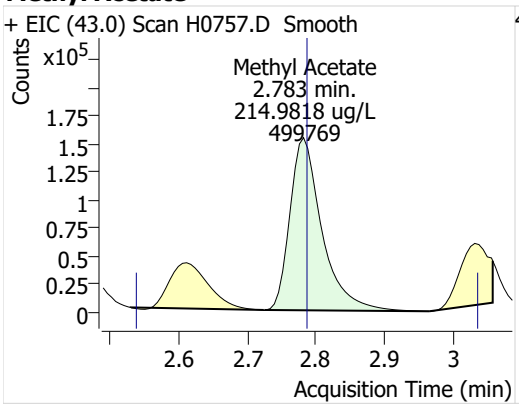
Acetonitrile/Allyl Chloride

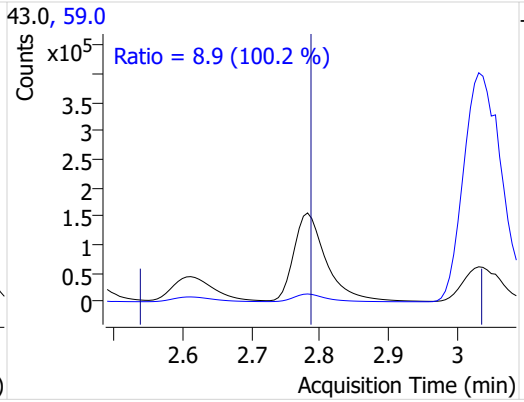


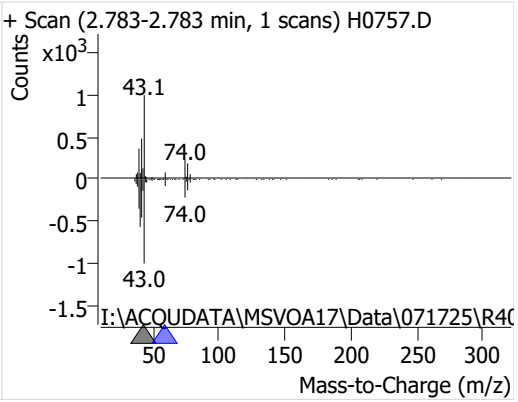




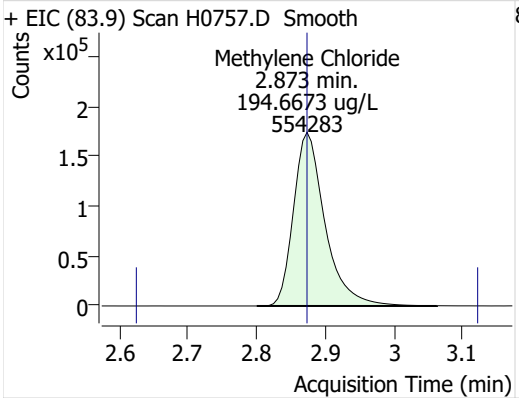
Methyl Acetate

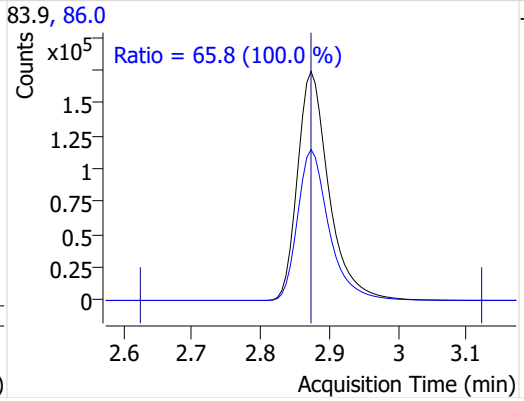


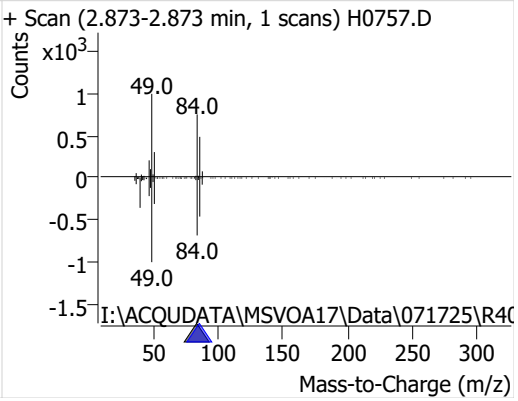




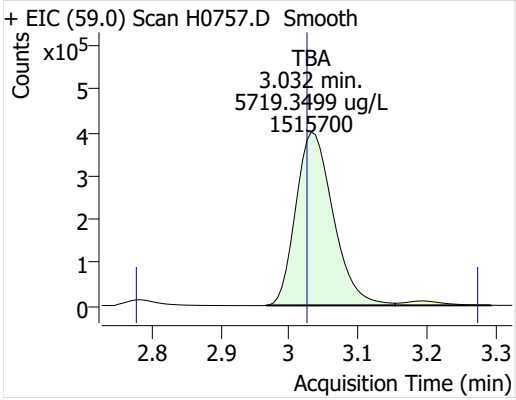
Methylene Chloride

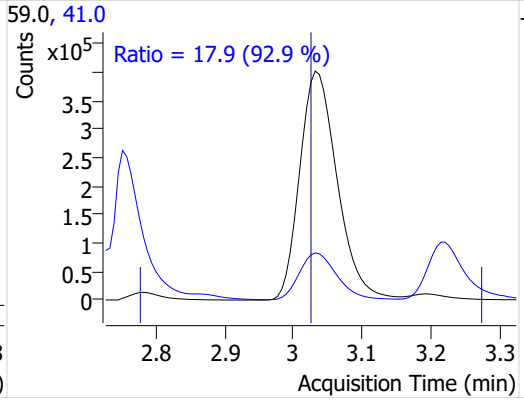


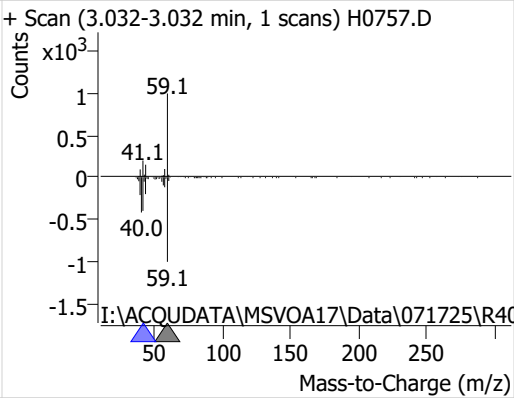




TBA

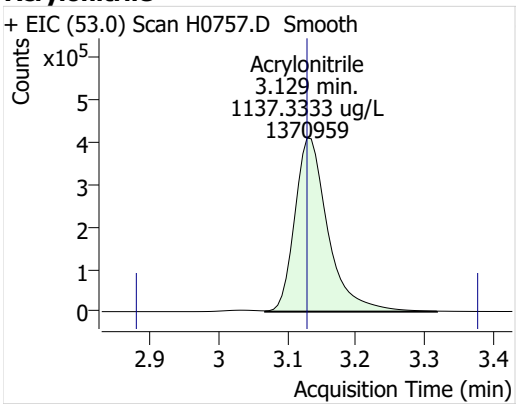


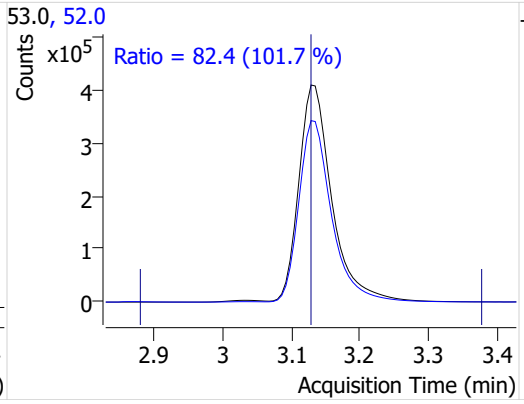


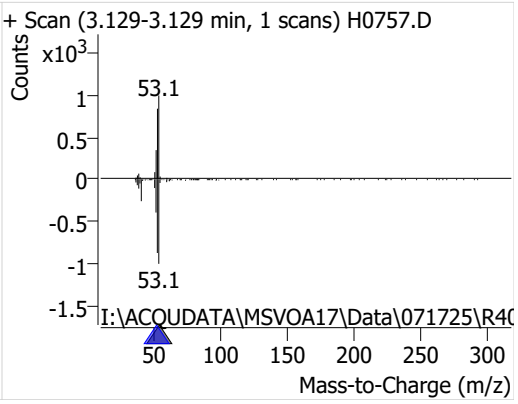


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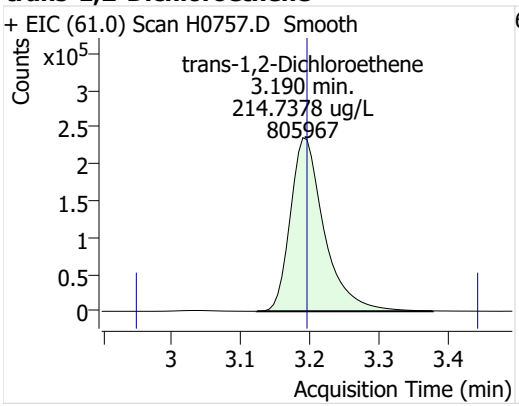
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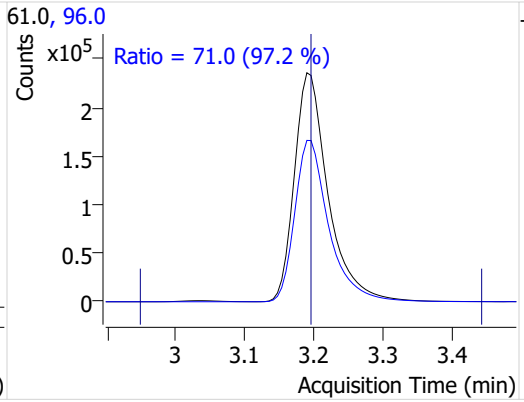


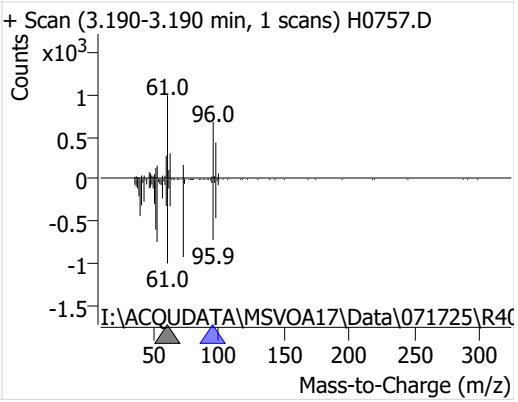




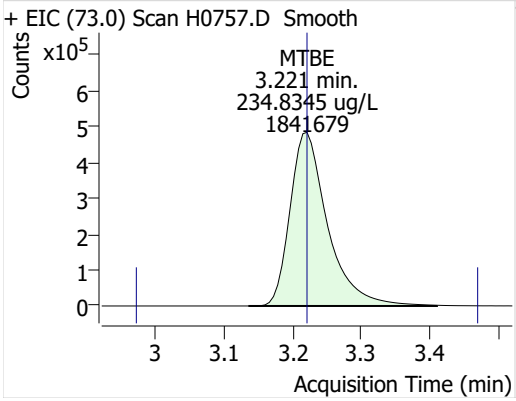
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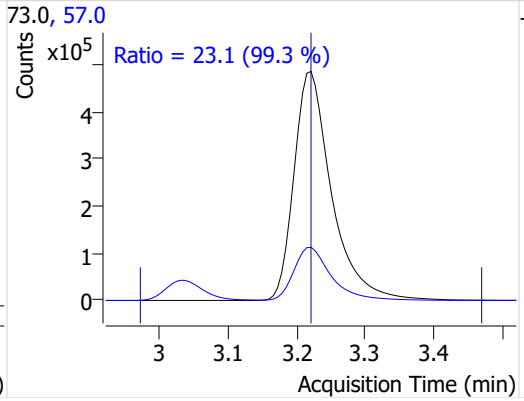


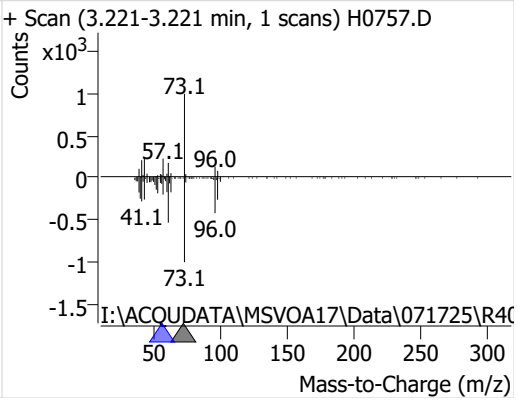




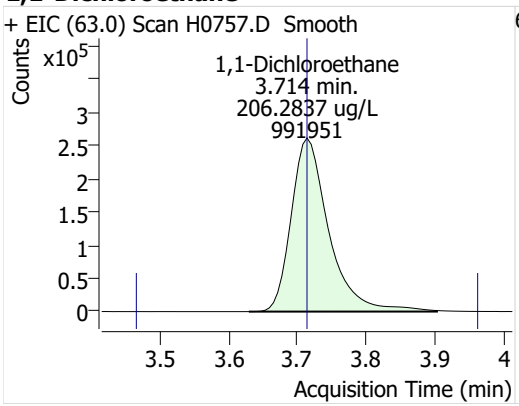
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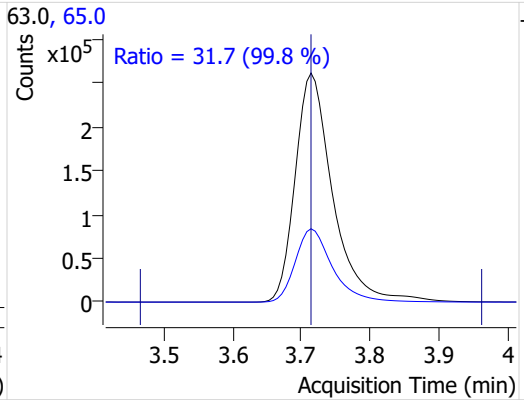


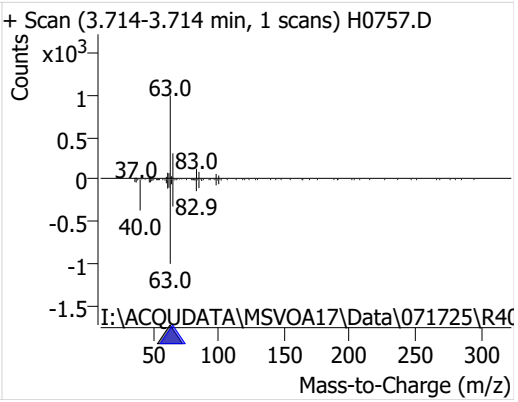




1,1-Dichloroethane

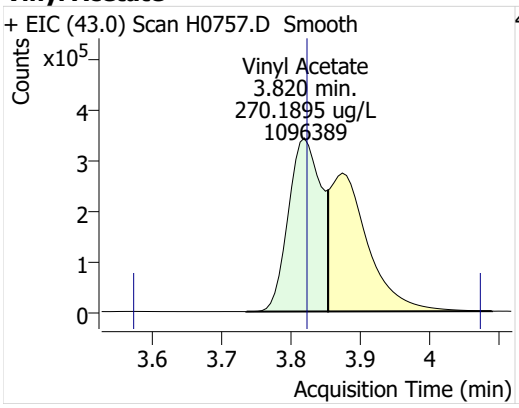


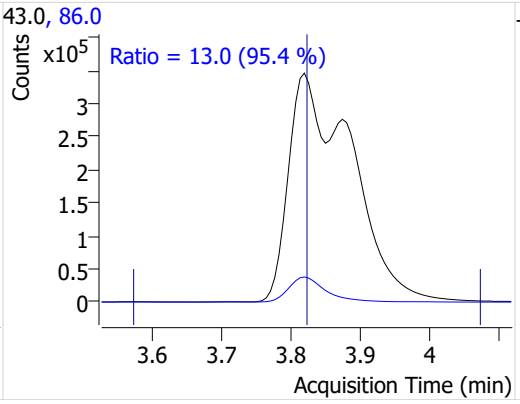


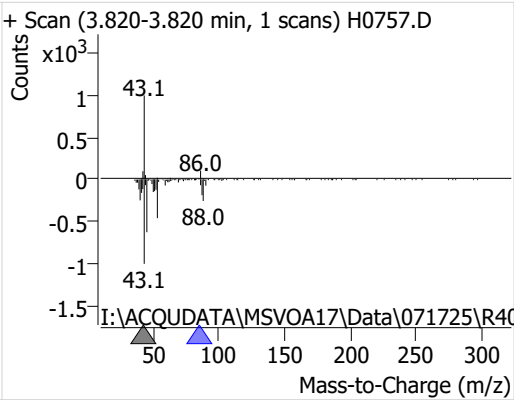


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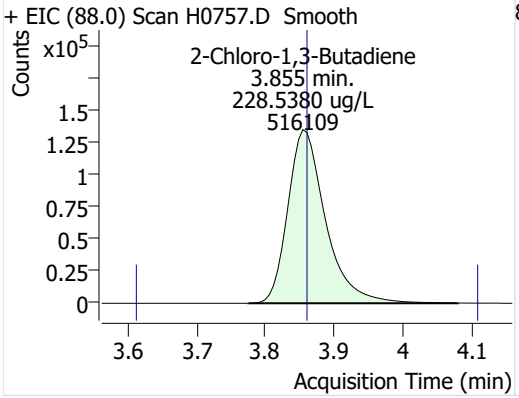
Vinyl Acetate

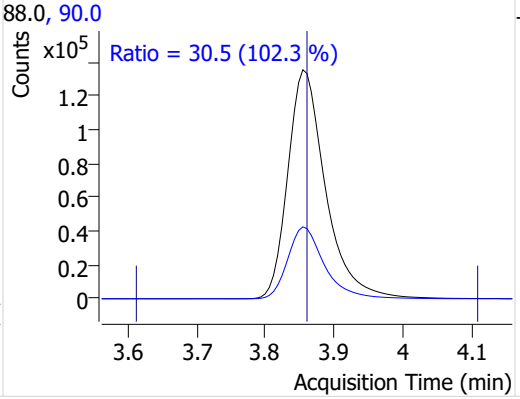


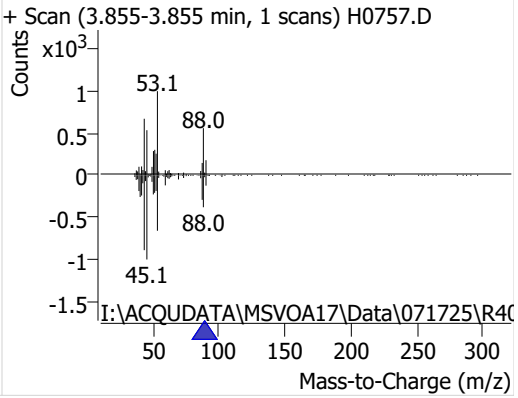




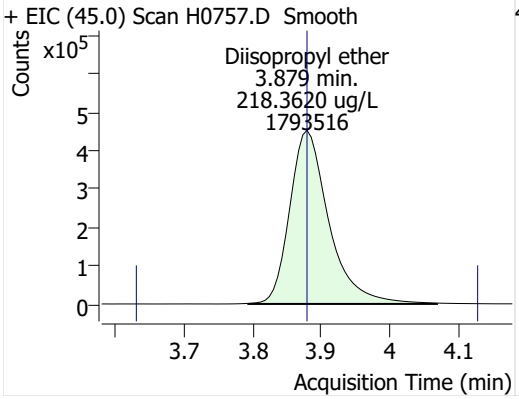
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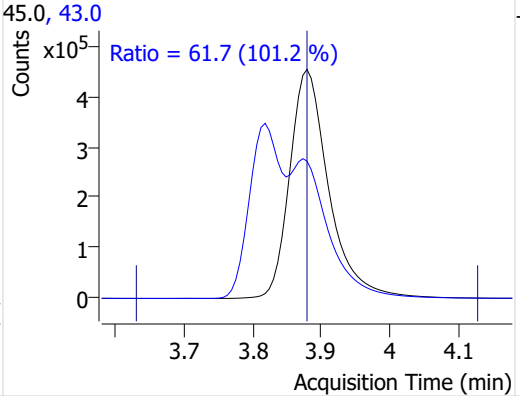


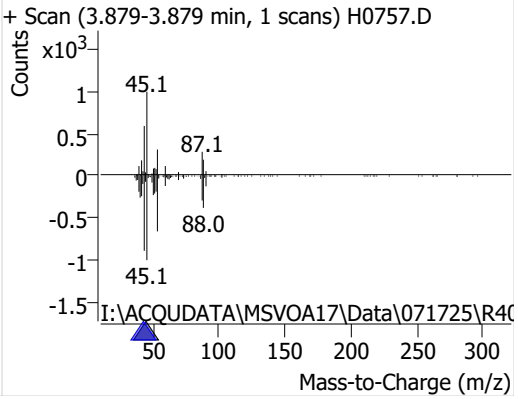




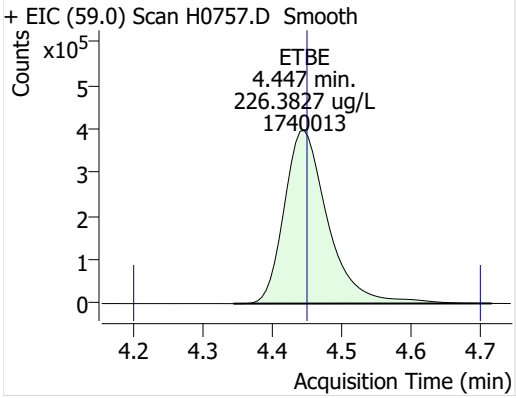
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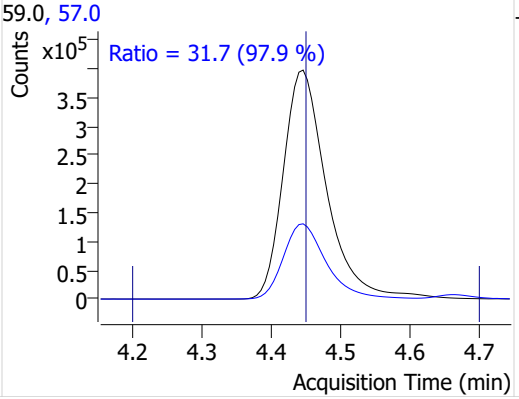


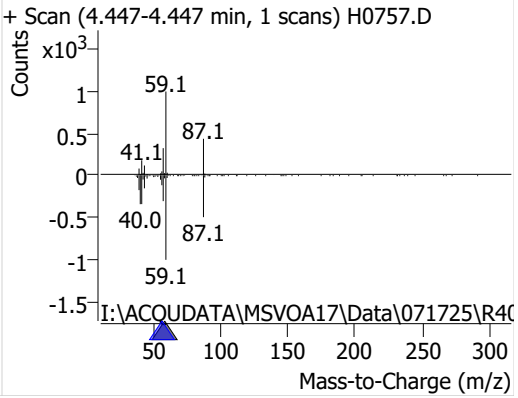




ETBE

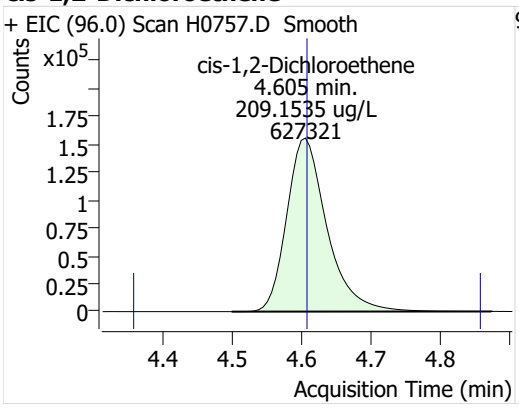


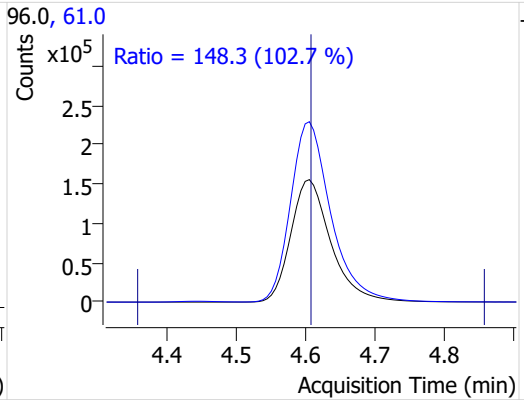


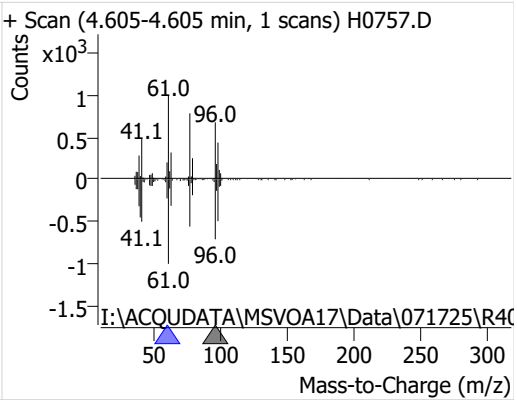


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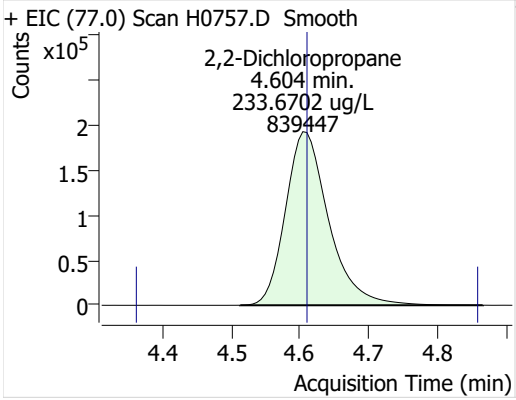
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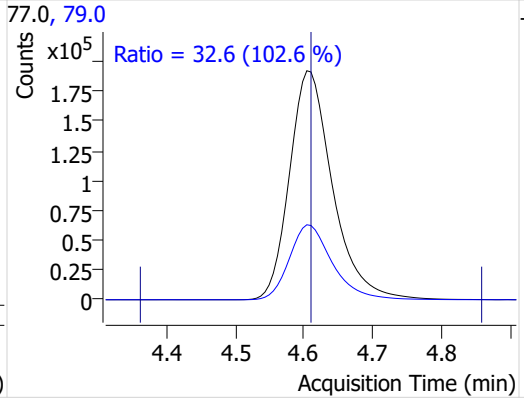


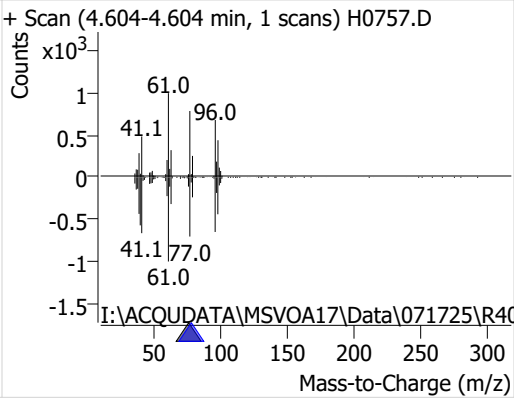




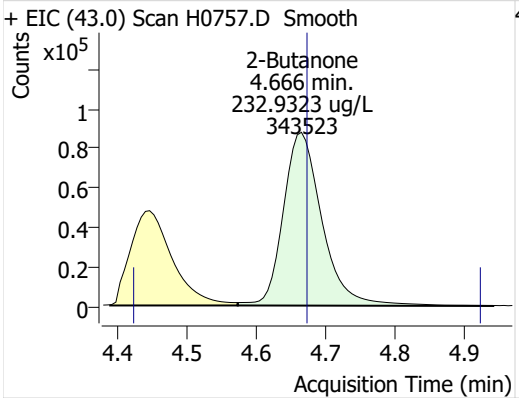
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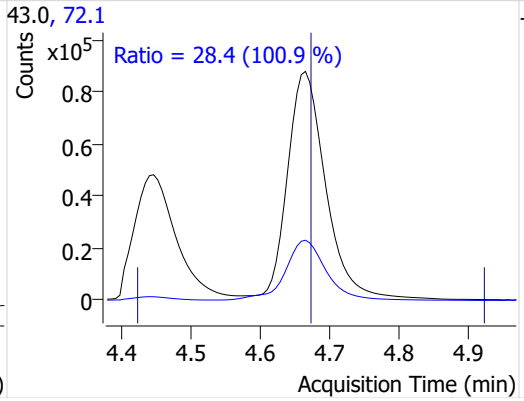


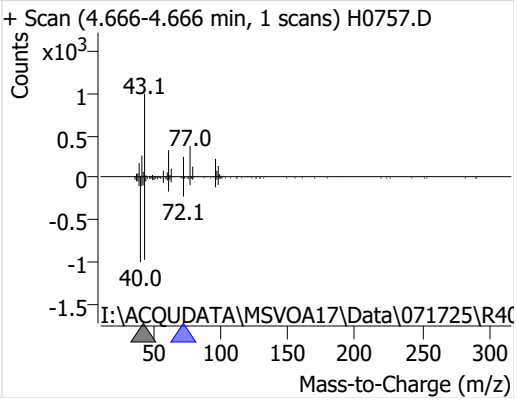




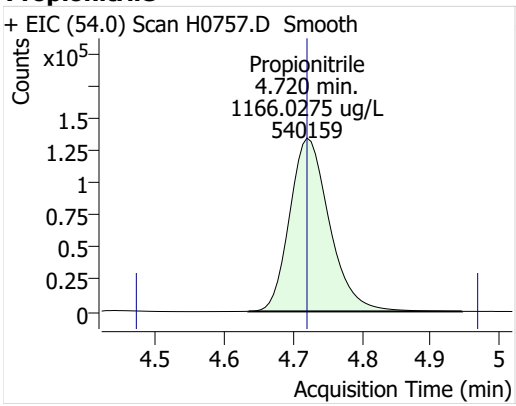
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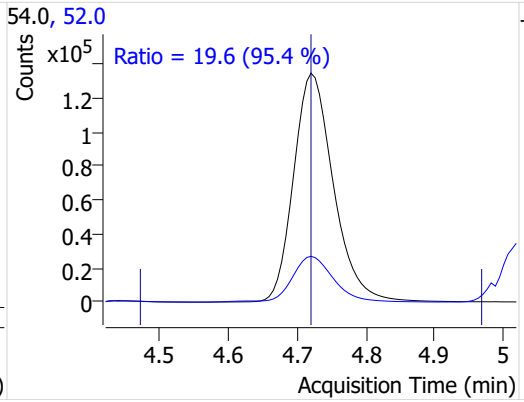


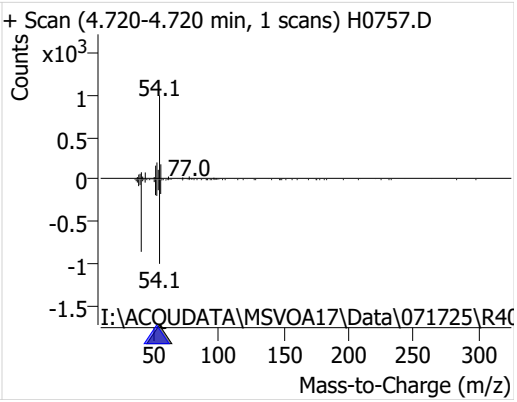




Propionitrile

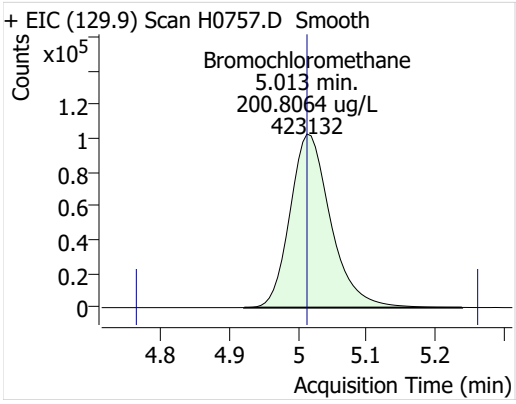


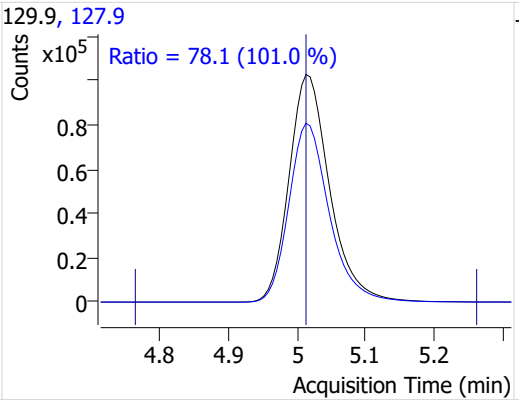


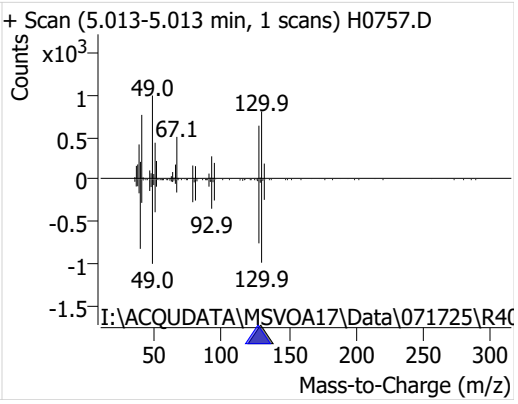


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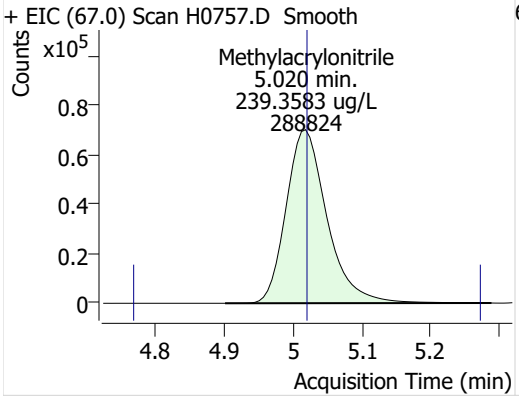
Bromochloromethane

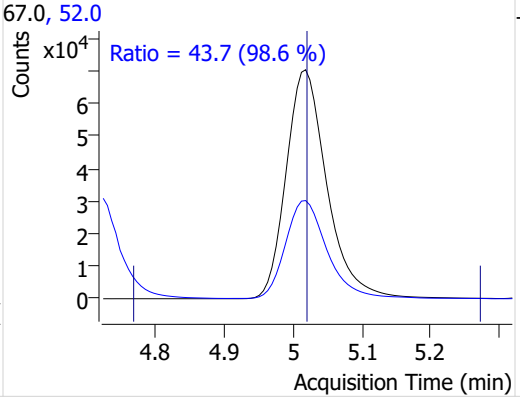


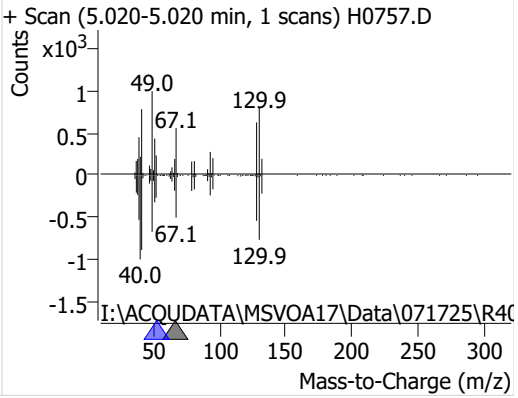




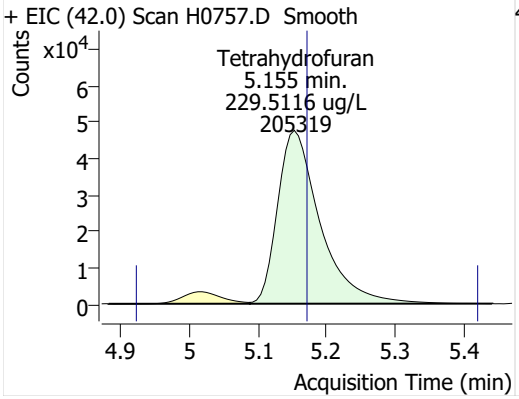
Methylacrylonitrile

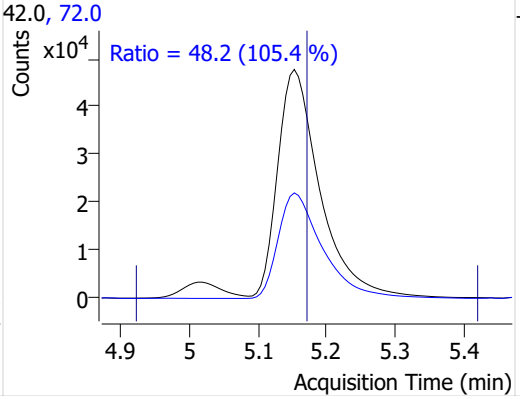


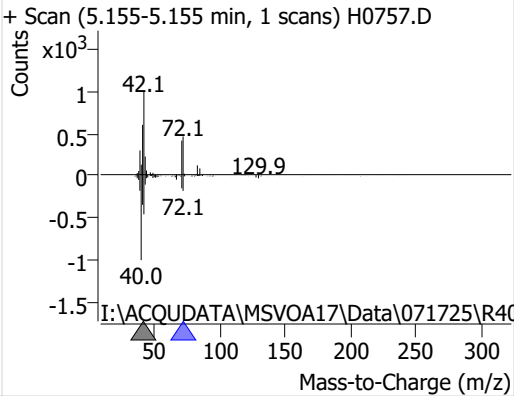




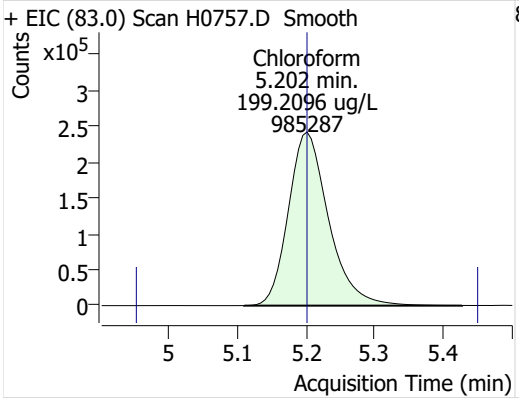
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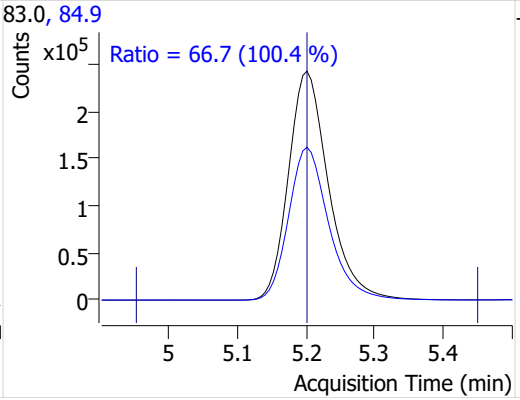


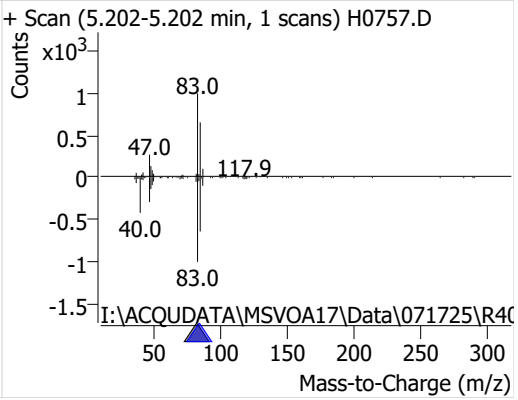




Chloroform

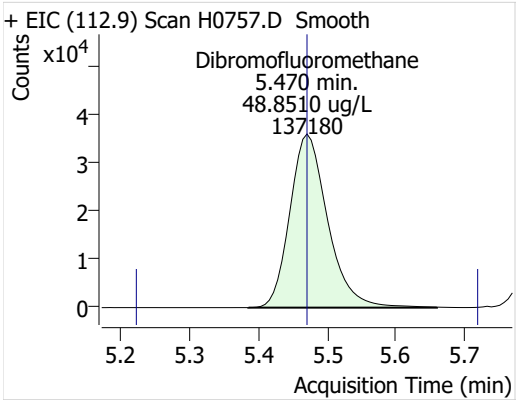


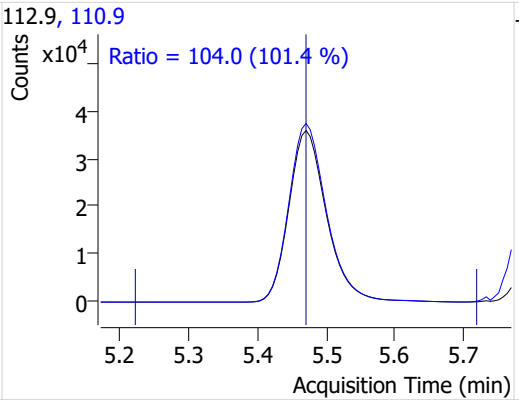


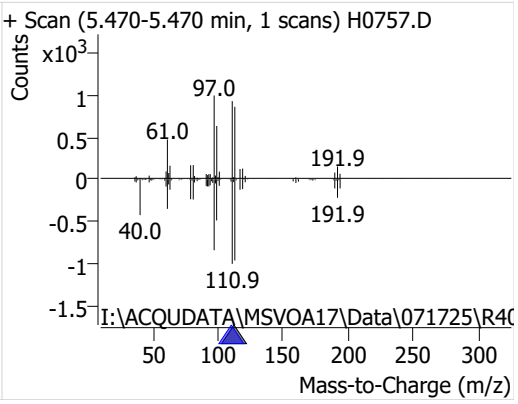


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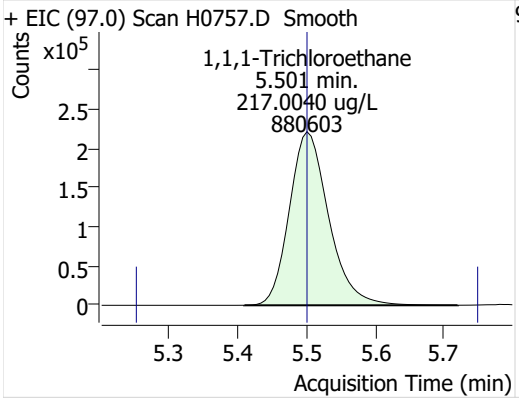
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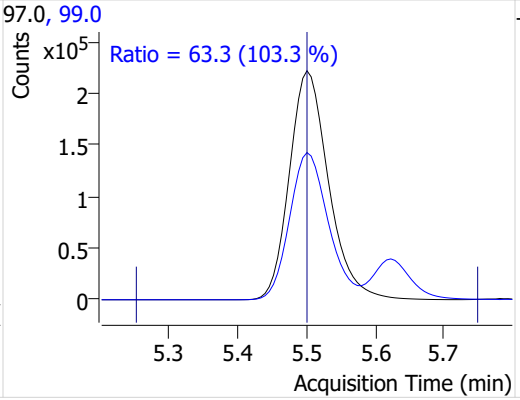


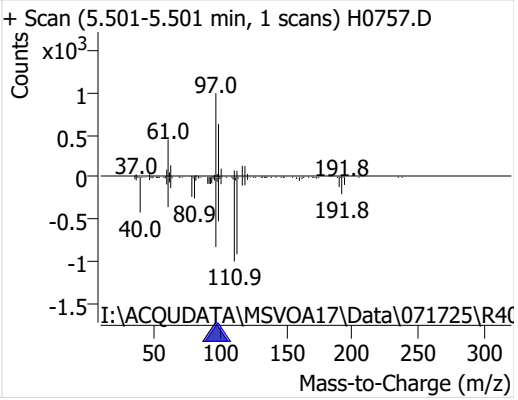




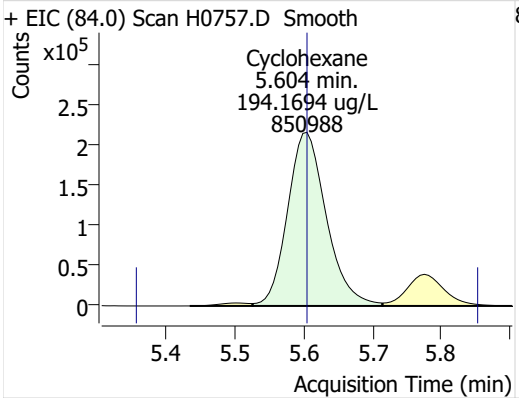
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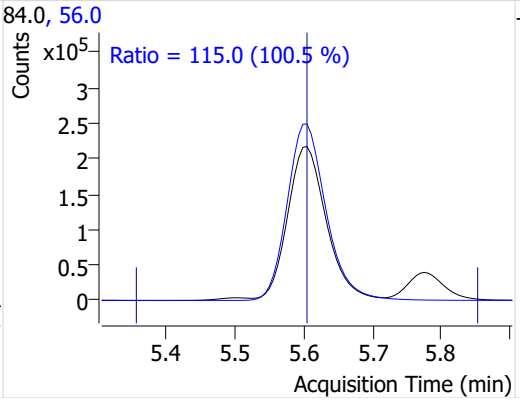


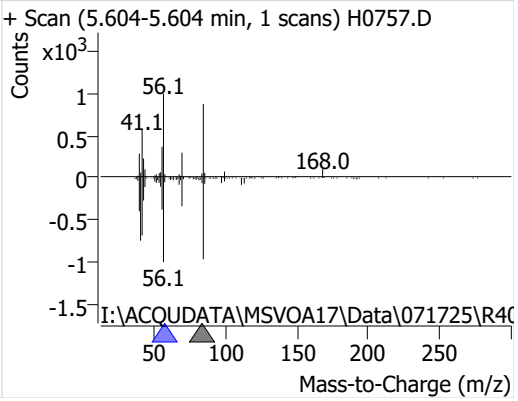




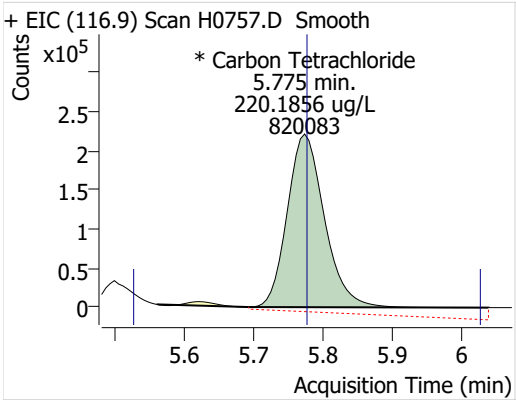
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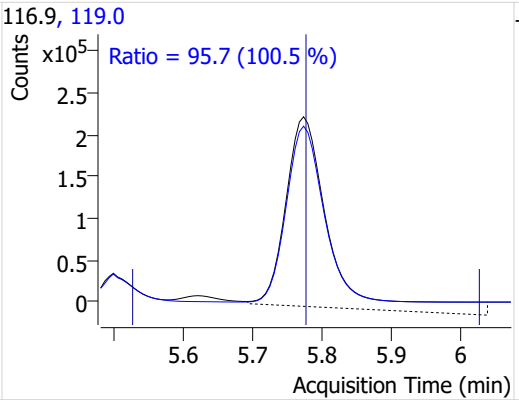


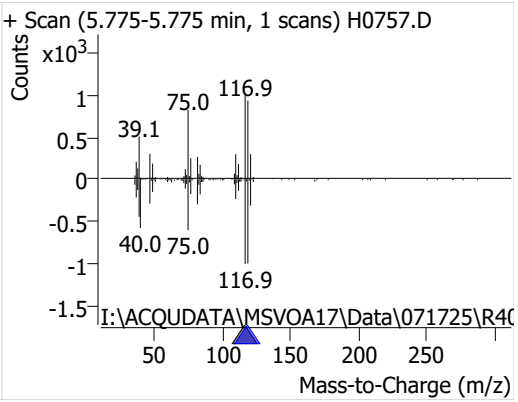




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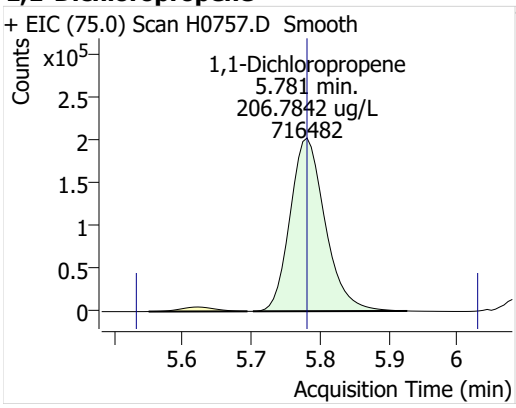


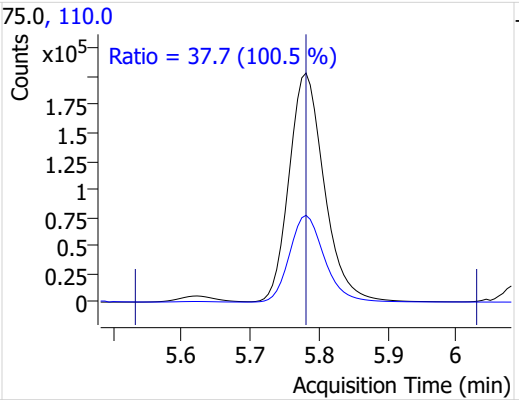


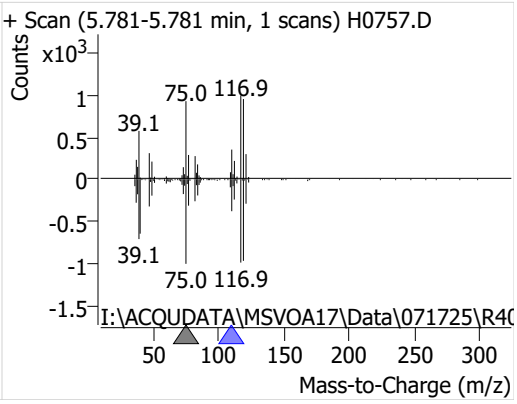


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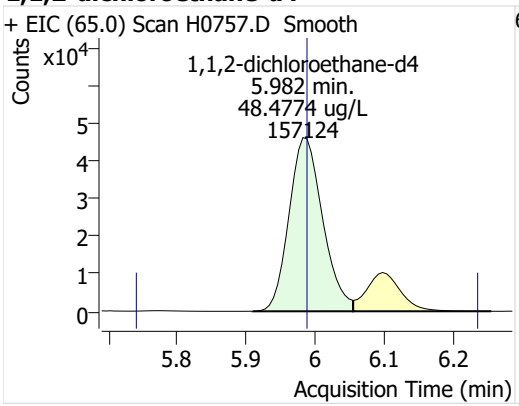
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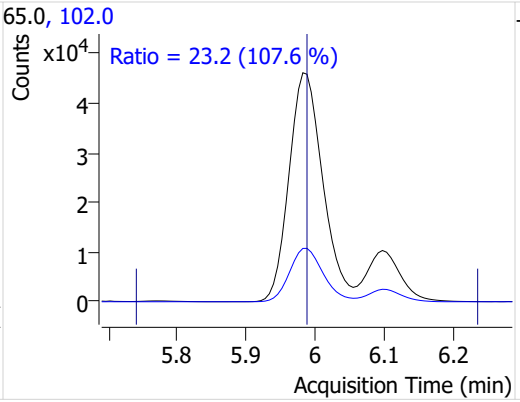


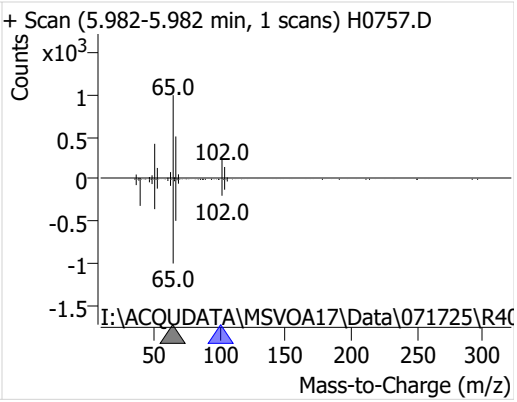




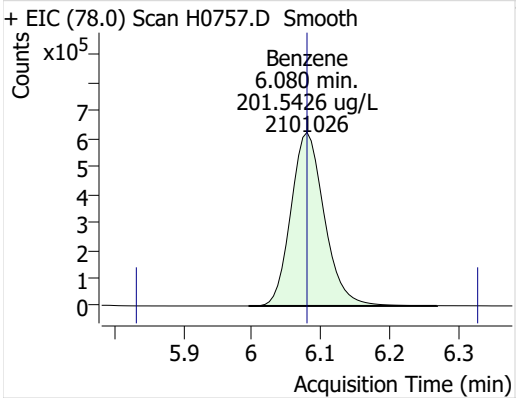
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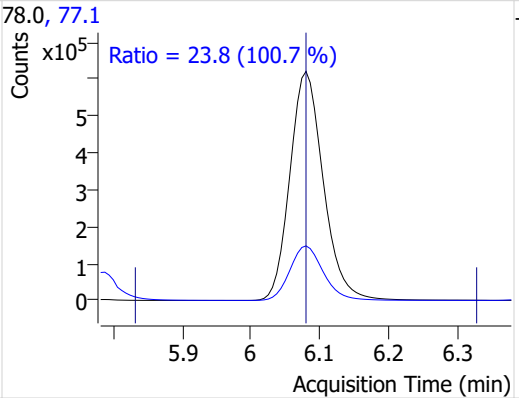


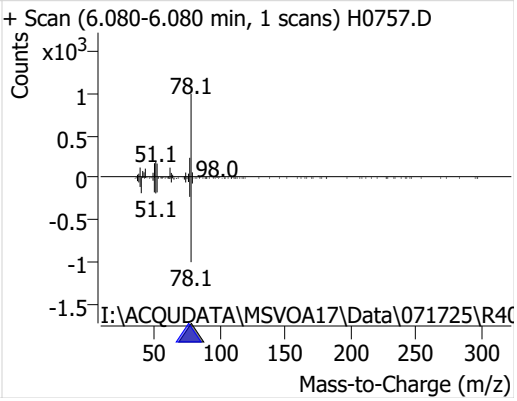




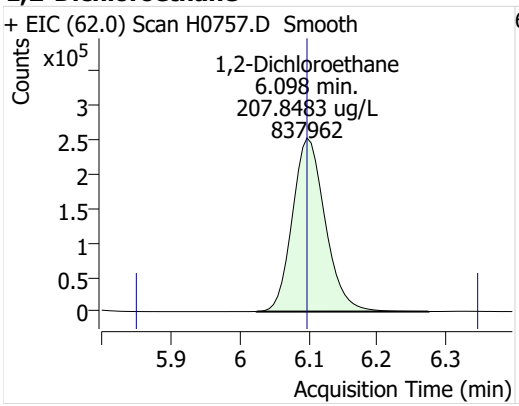
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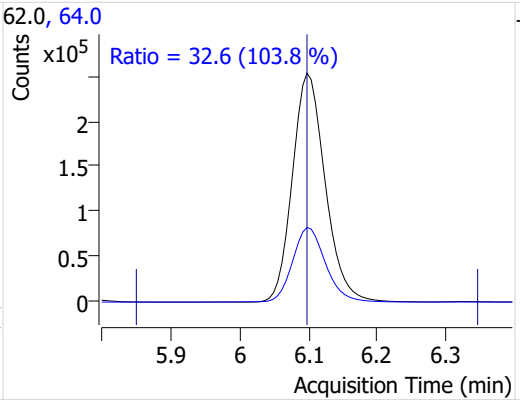


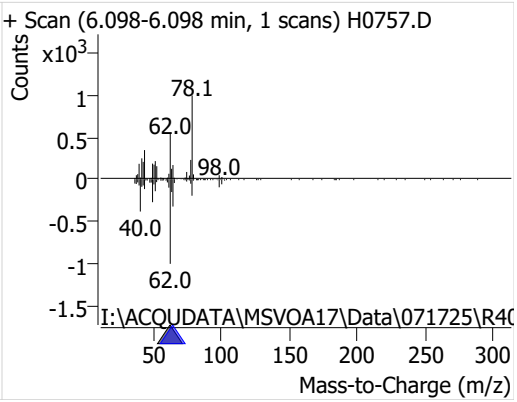




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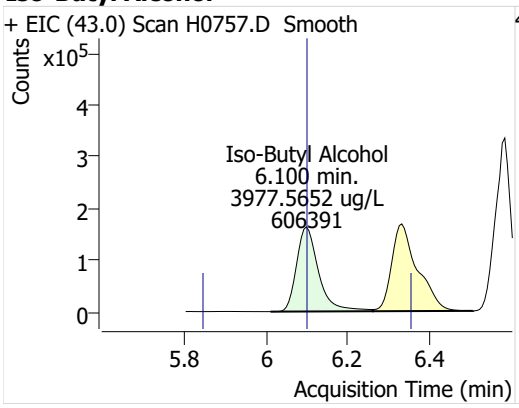


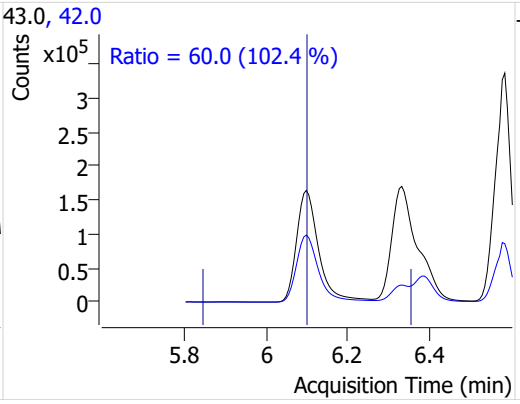


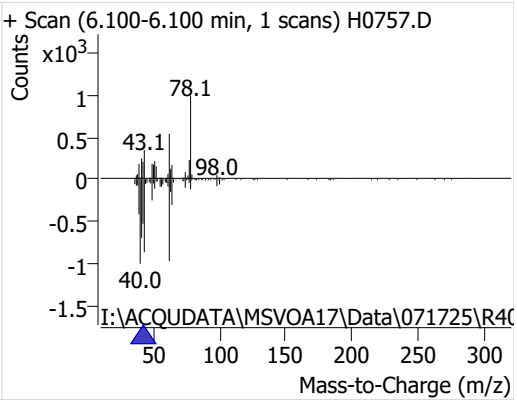


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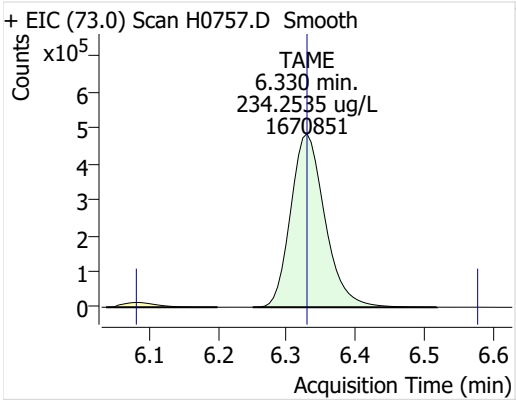
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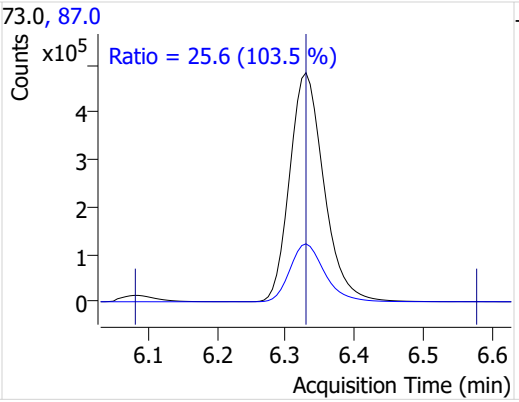


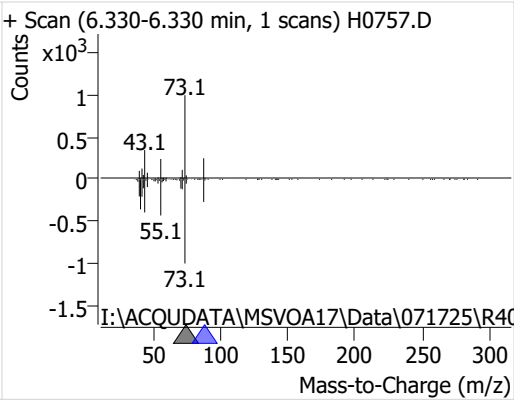




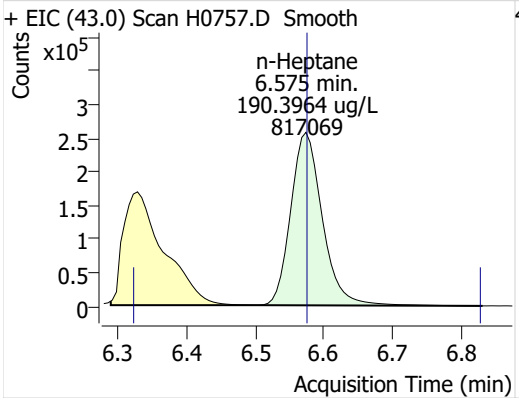
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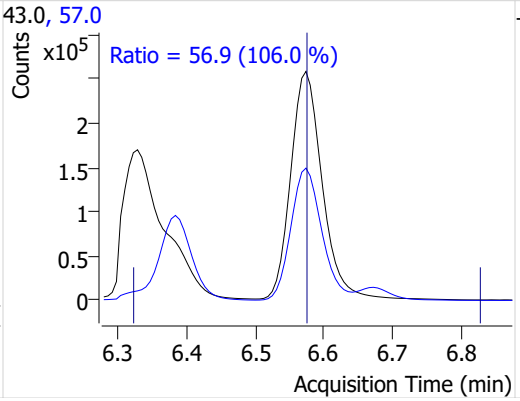


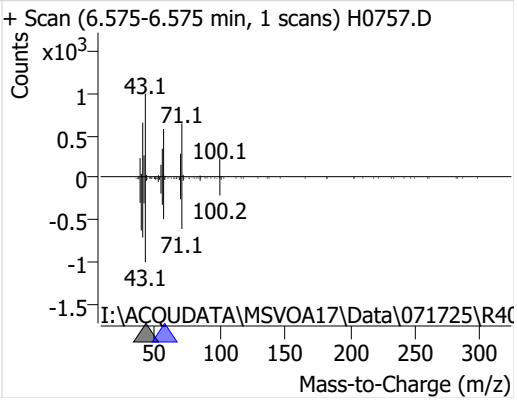




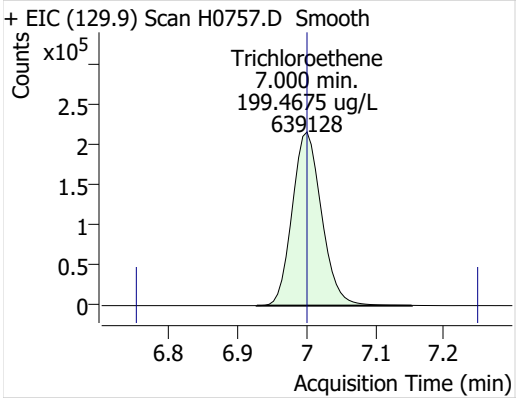
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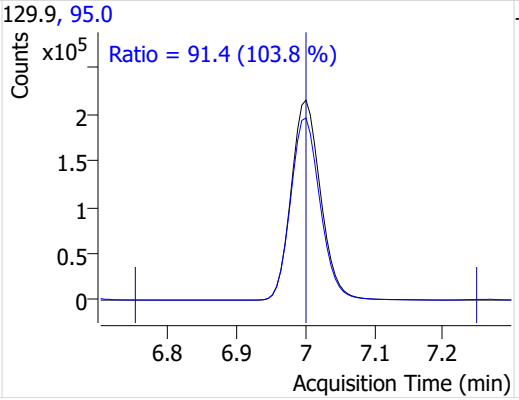


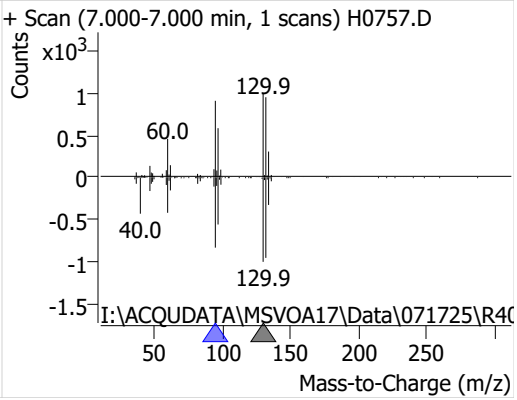




Trichloroethene

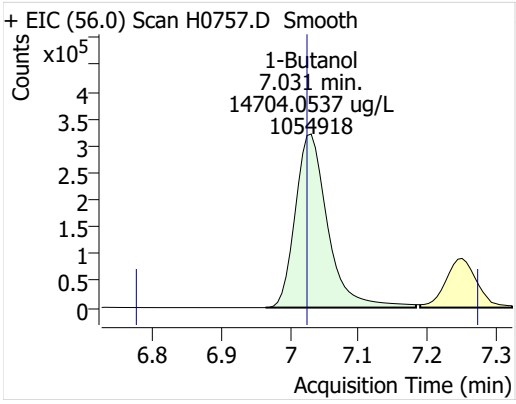


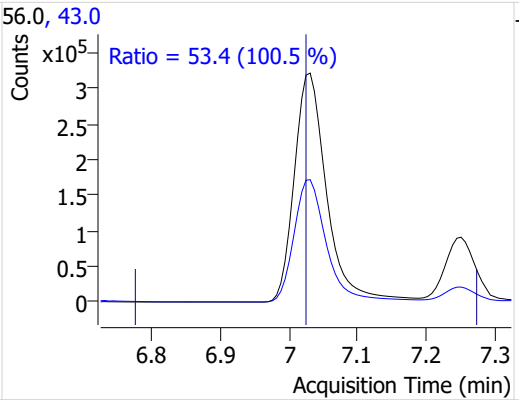


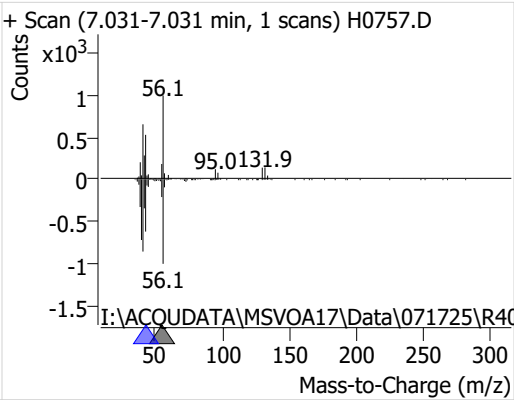


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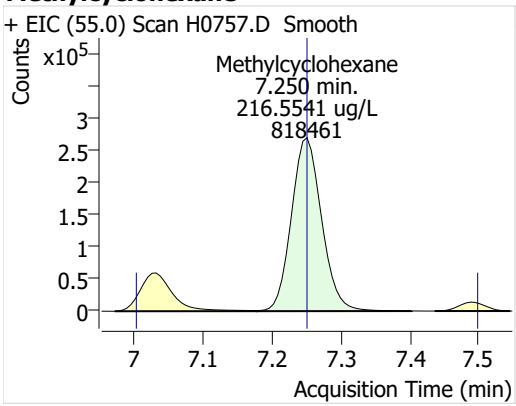
1-Butanol

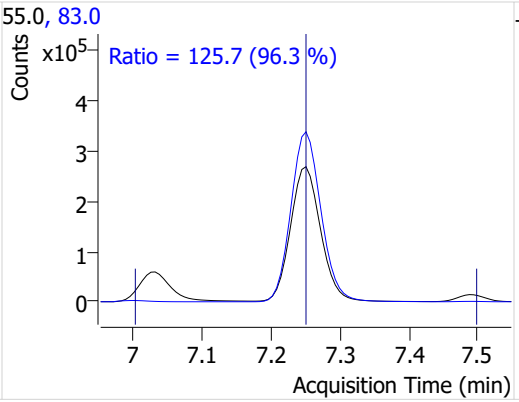


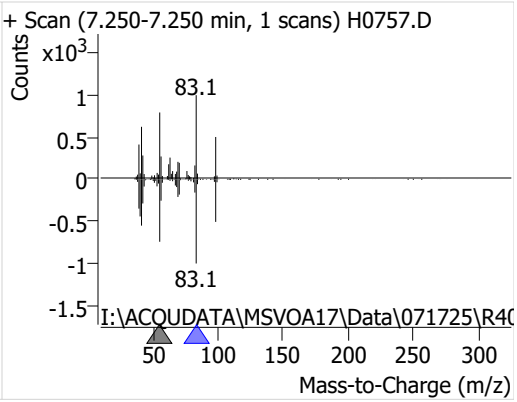




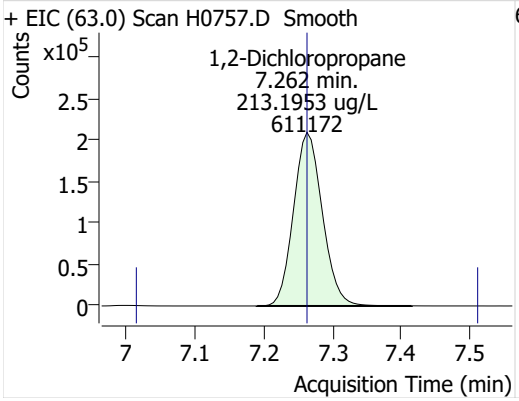
Methylcyclohexane

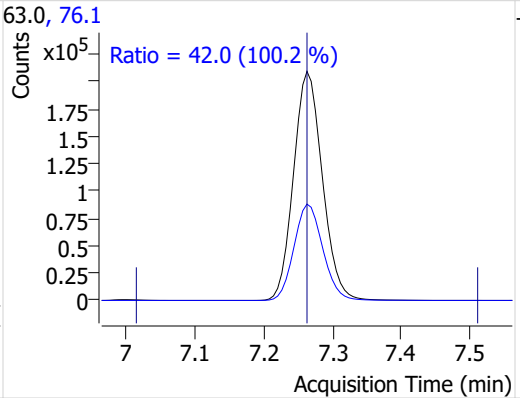


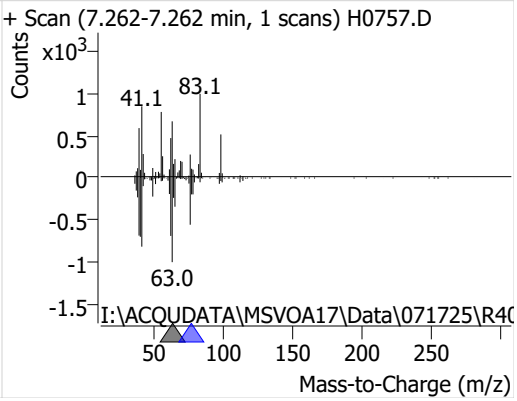




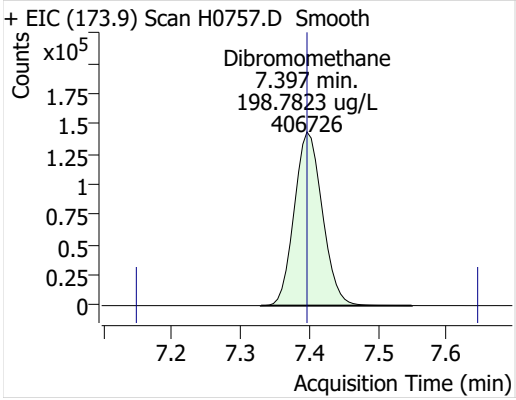
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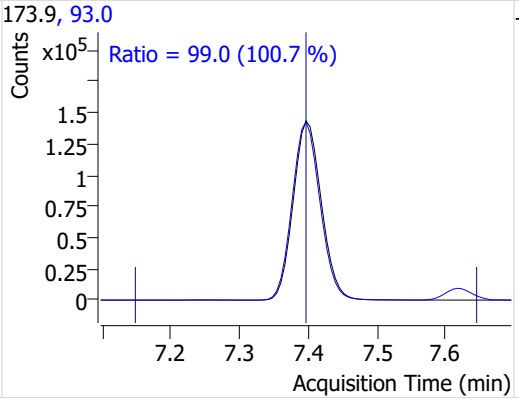


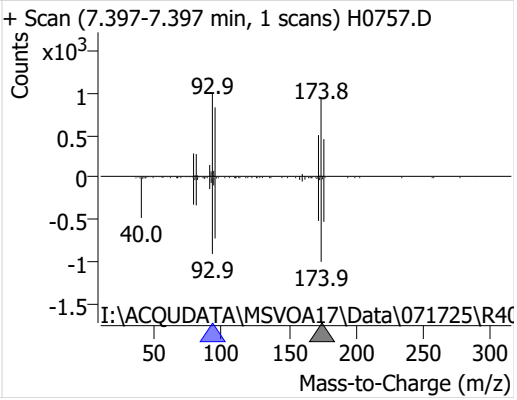




Dibromomethane

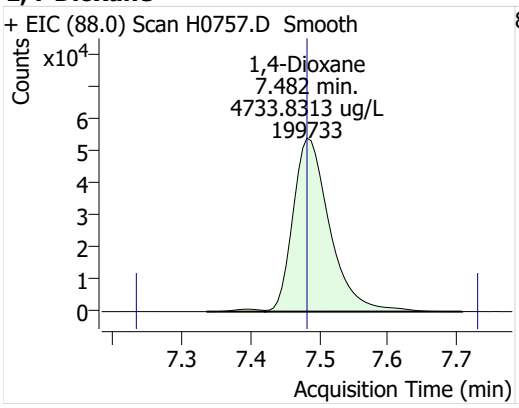


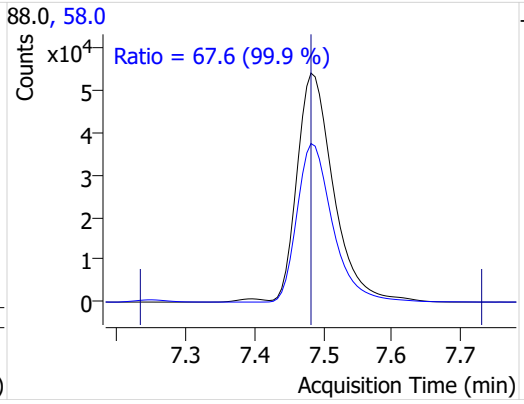


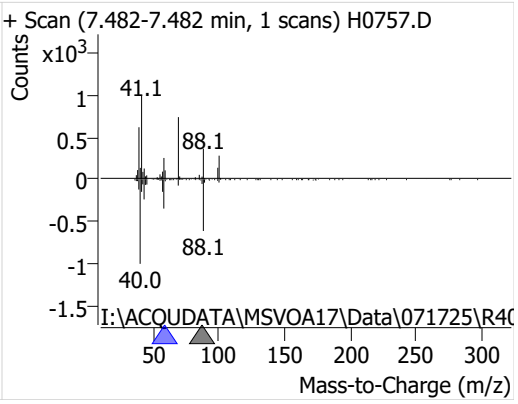


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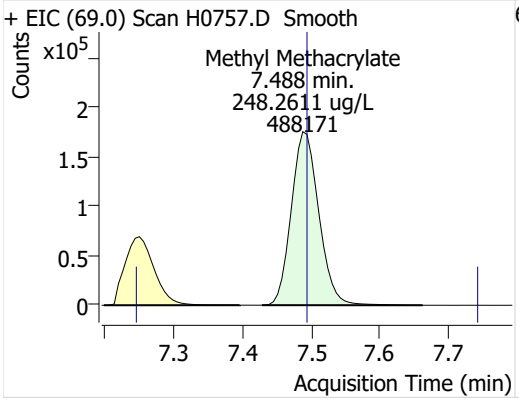
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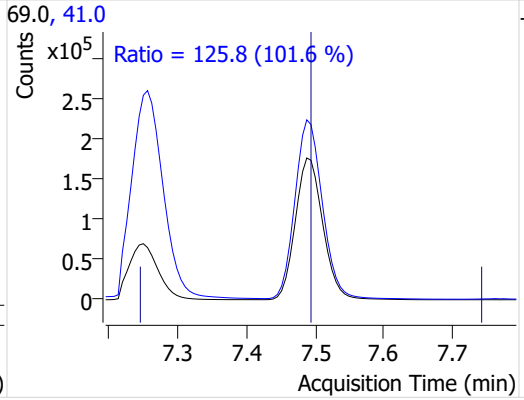


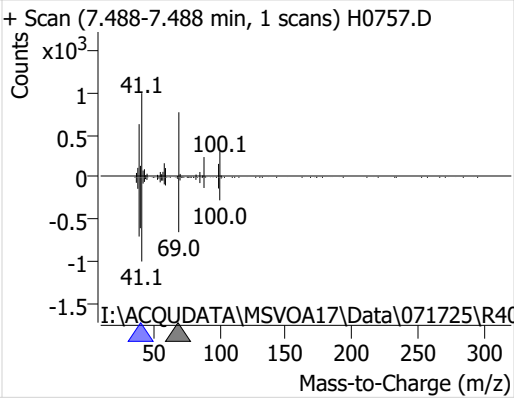




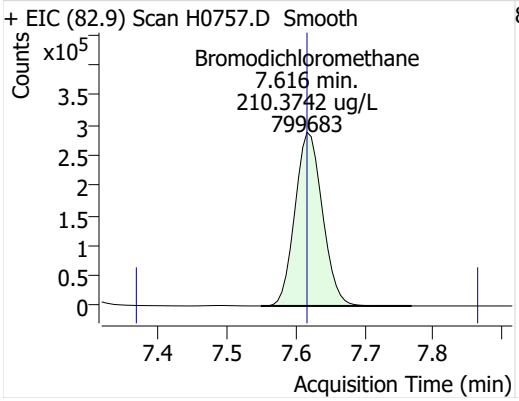
Methyl Methacrylate

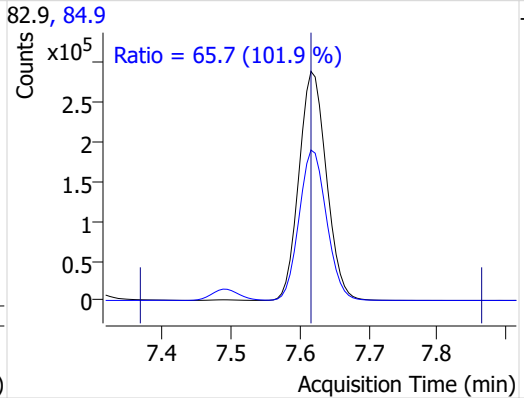


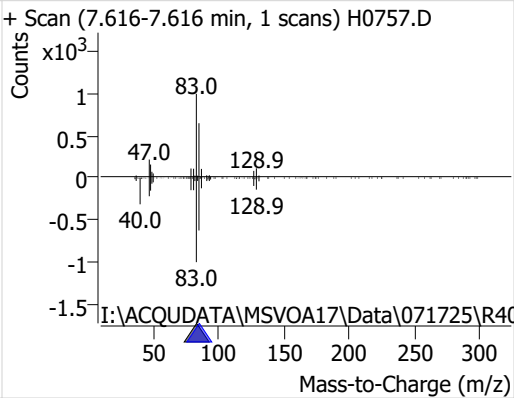




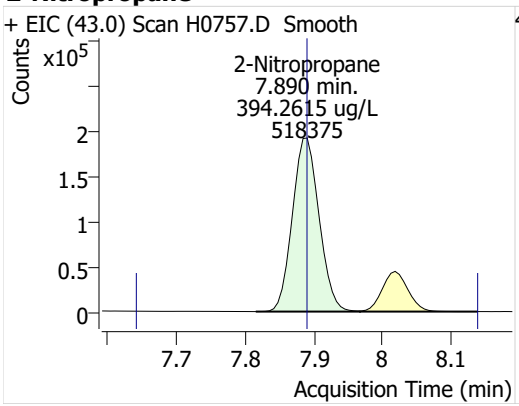
Bromodichloromethane

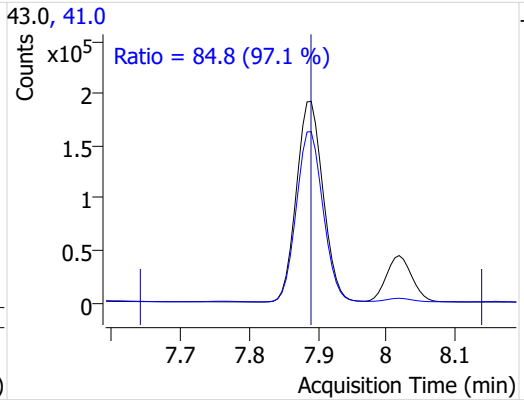


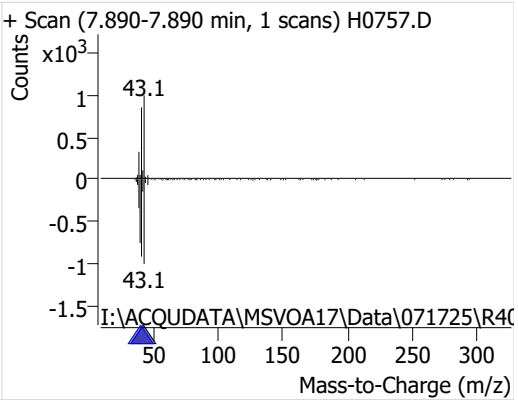




2-Nitropropane

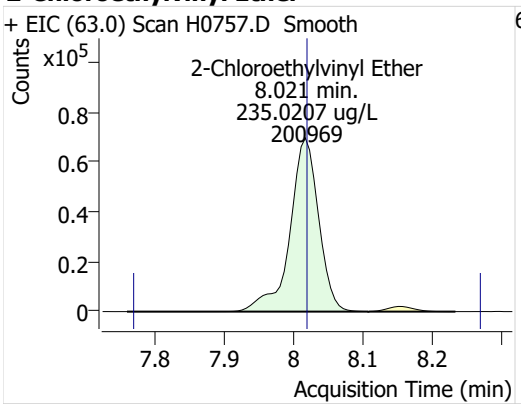


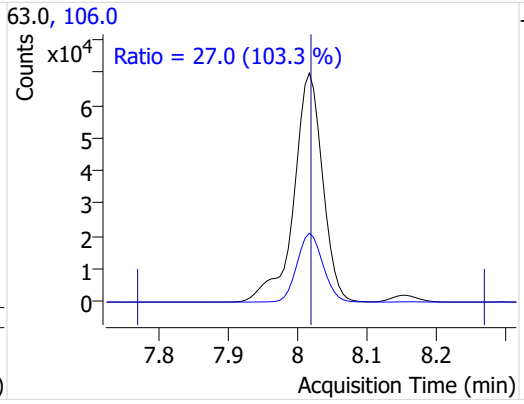


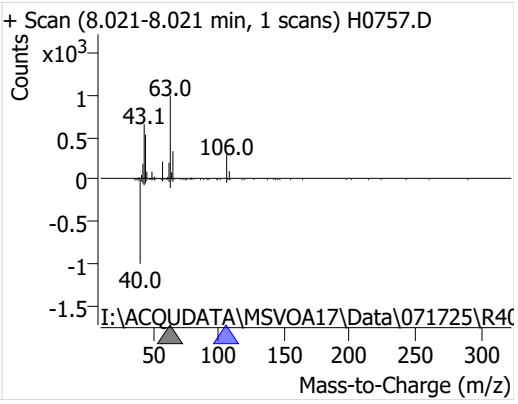


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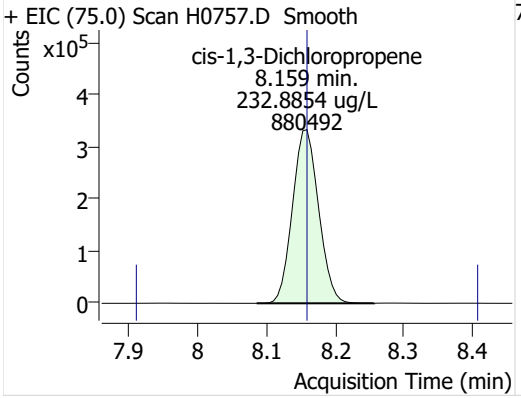
2-Chloroethylvinyl Ether

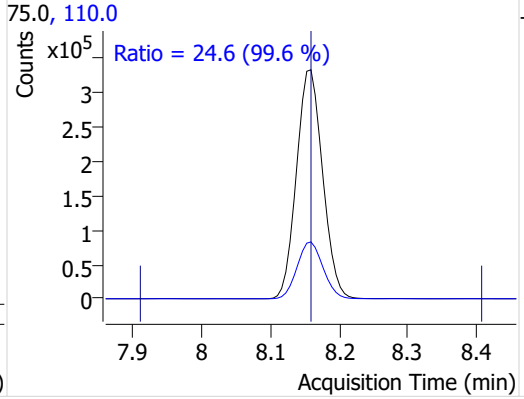


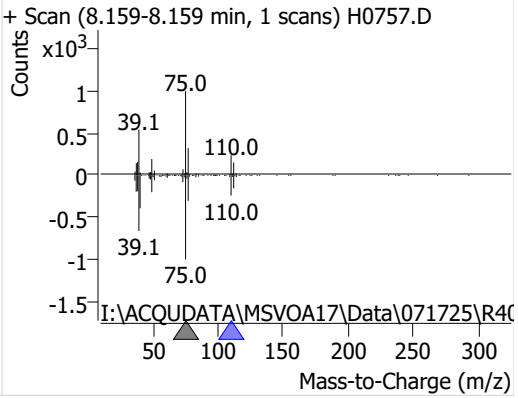




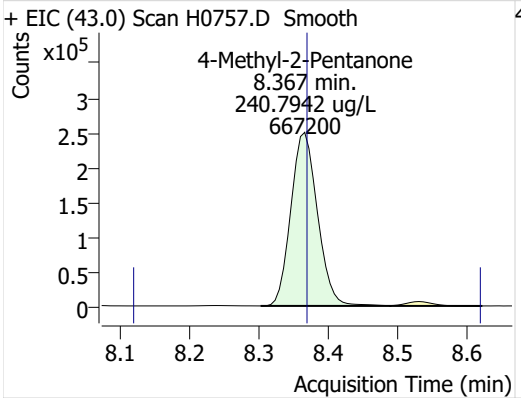
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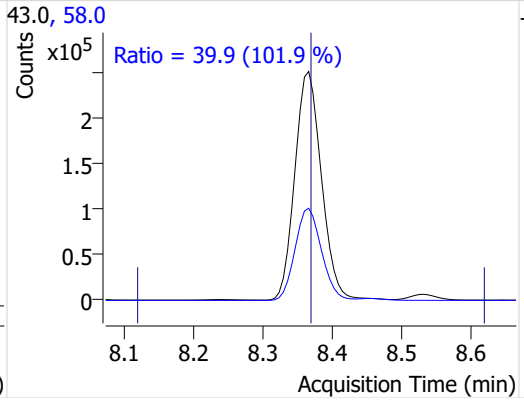


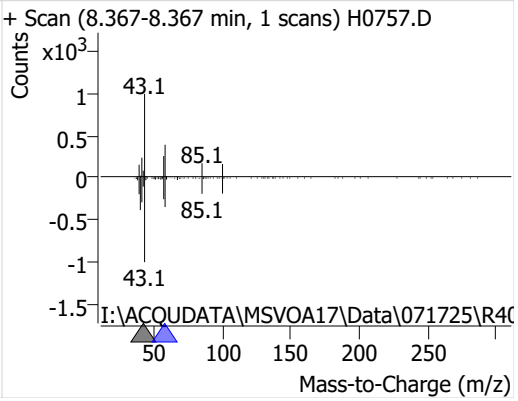




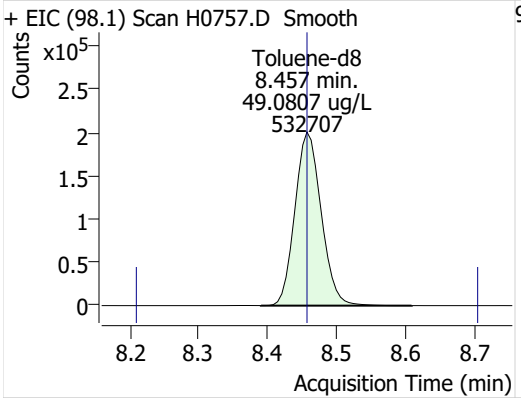
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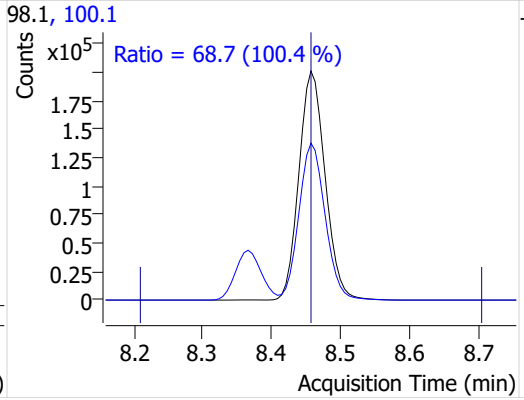


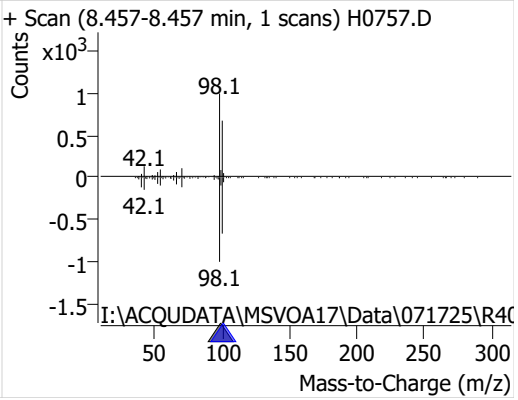




Toluene-d8

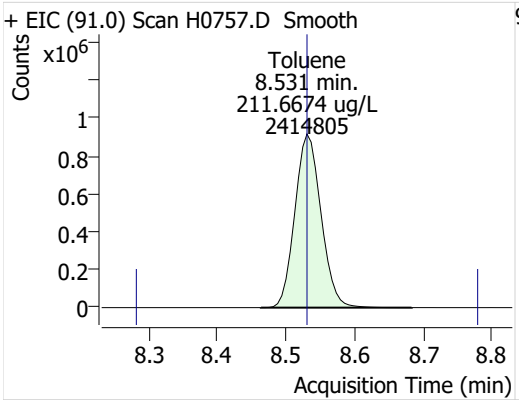


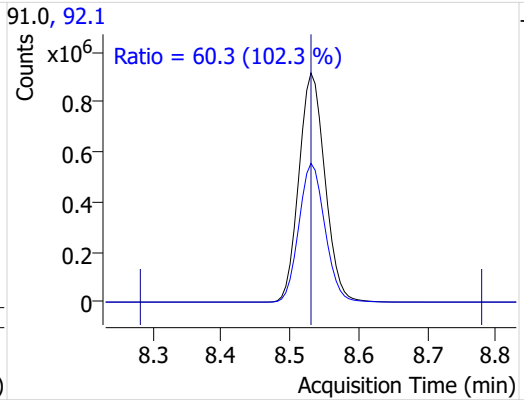


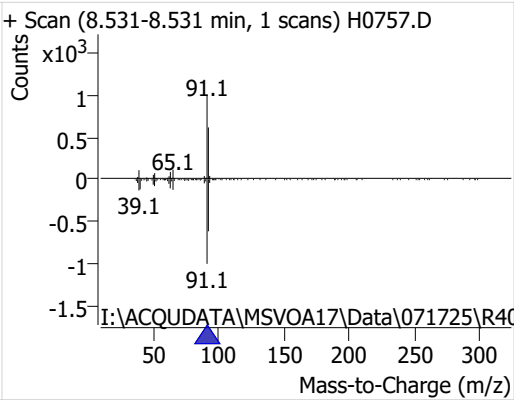


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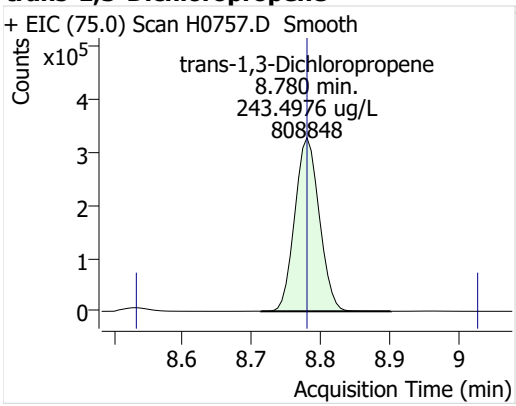
Toluene

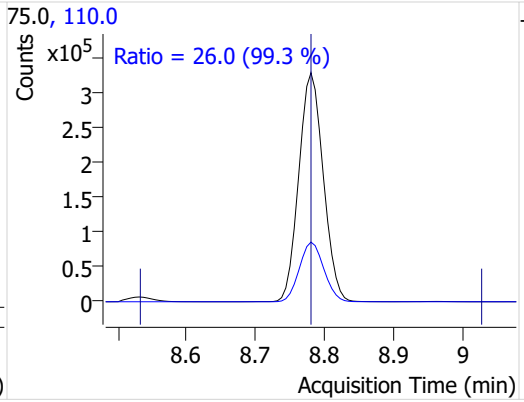


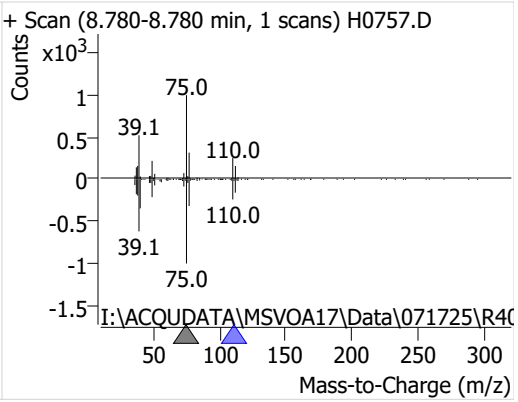




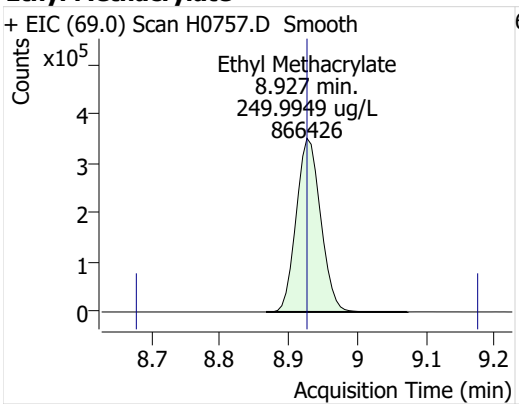
trans-1,3-Dichloropropene

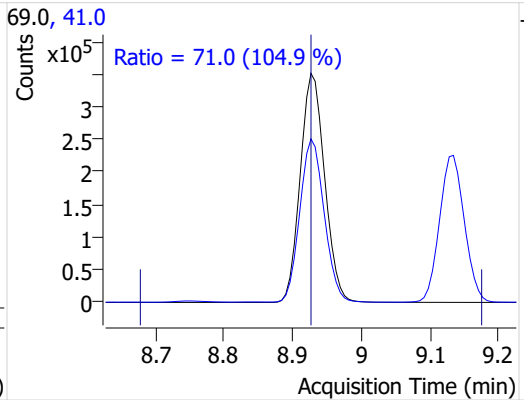


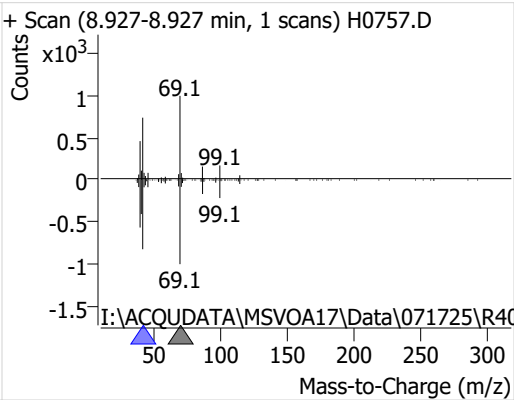




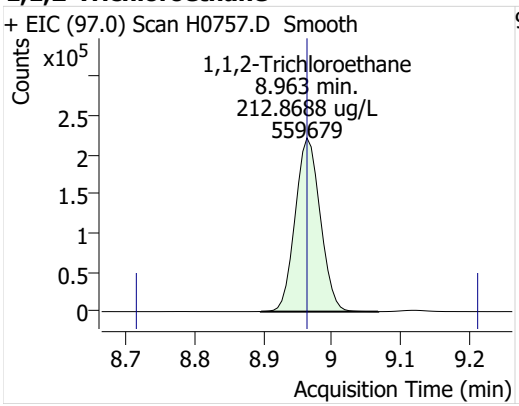
Ethyl Methacrylate

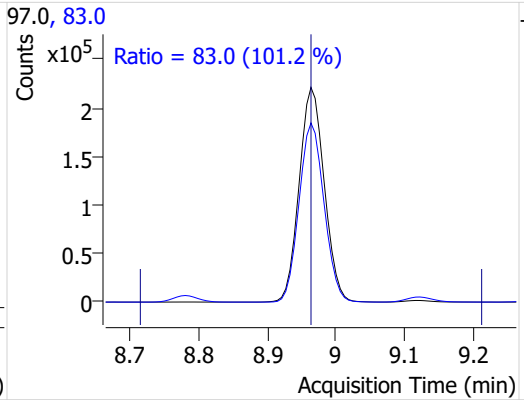


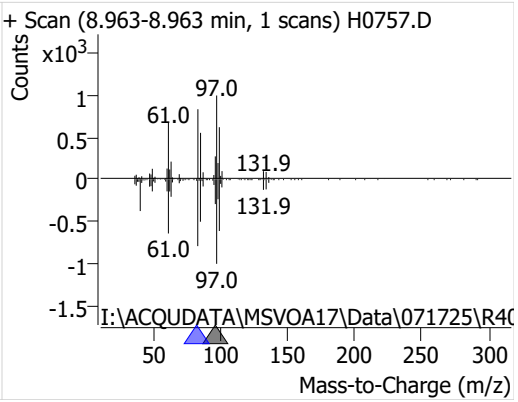




1,1,2-Trichloroethane

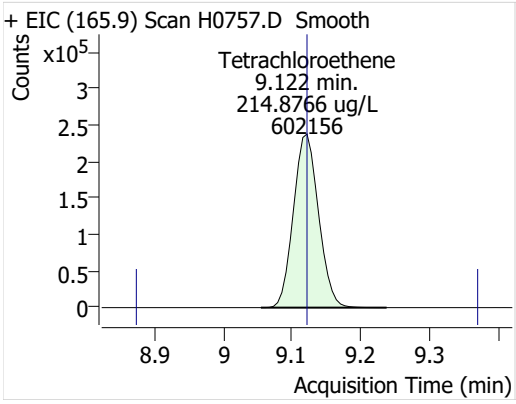


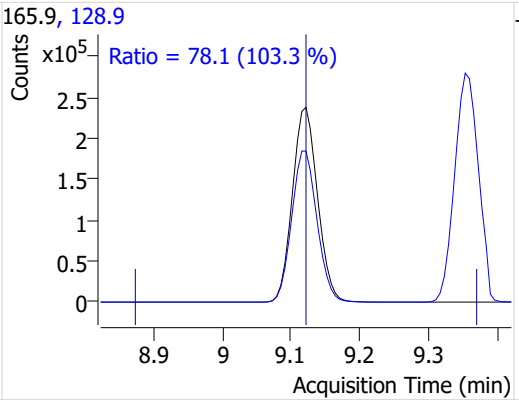


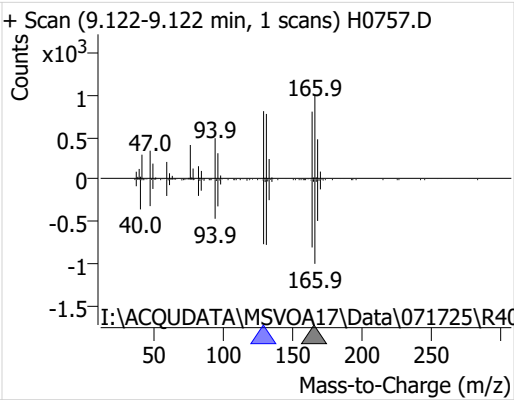


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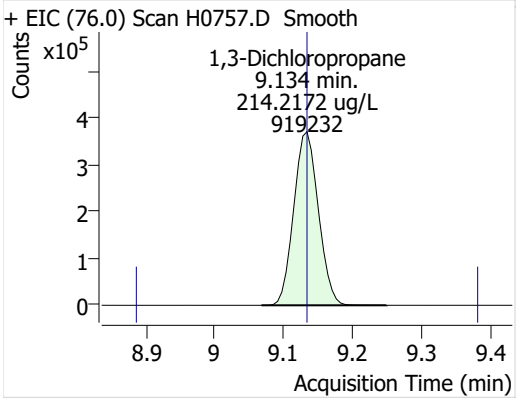
Tetrachloroethene

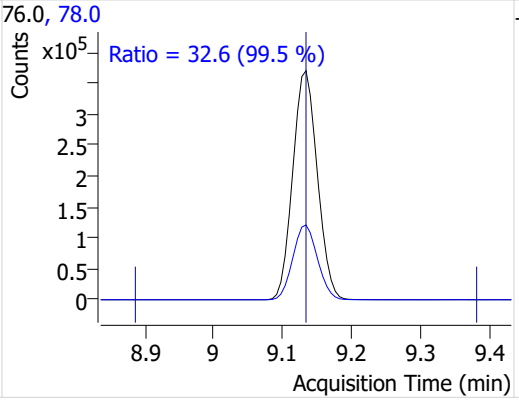


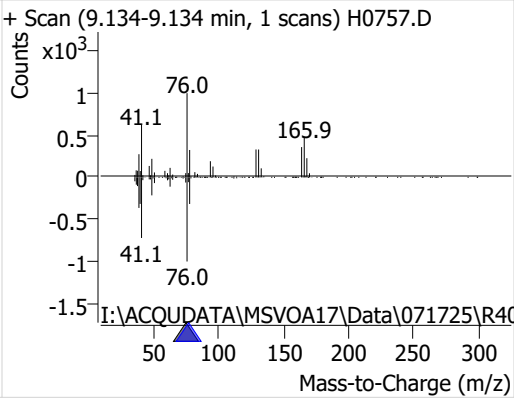




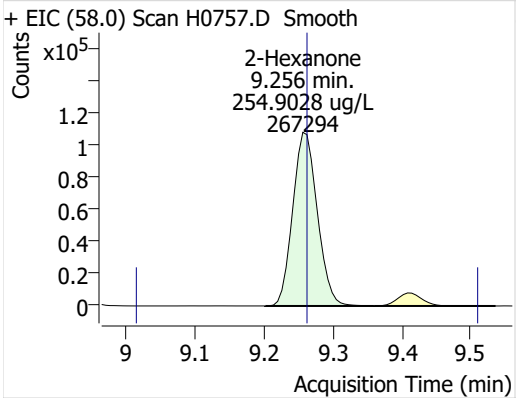
1,3-Dichloropropane

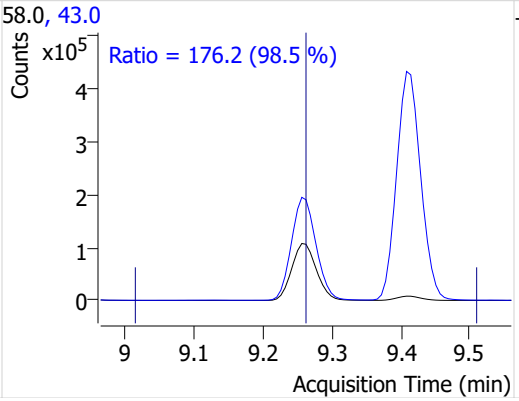


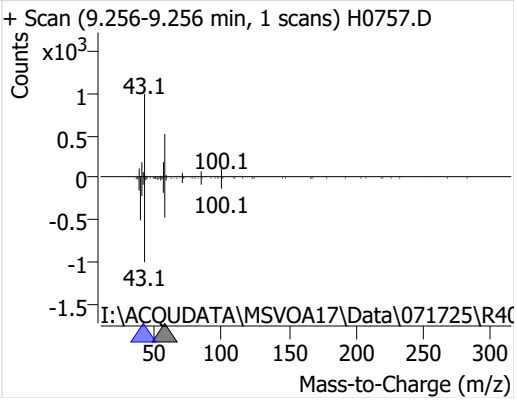




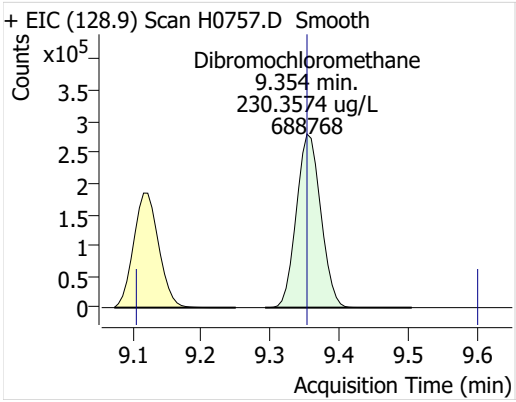
2-Hexanone

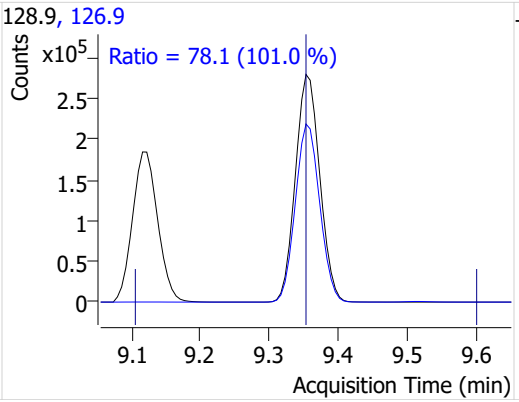


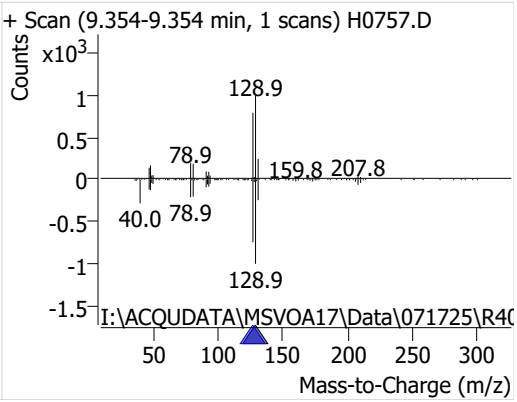




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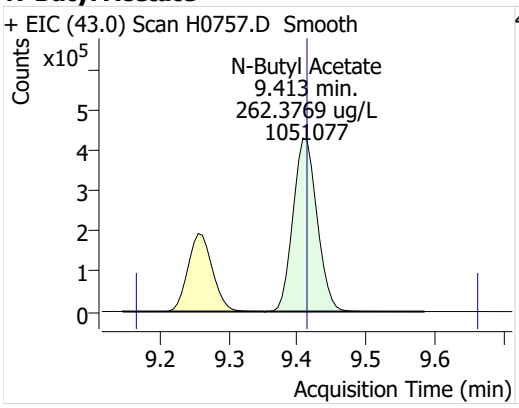


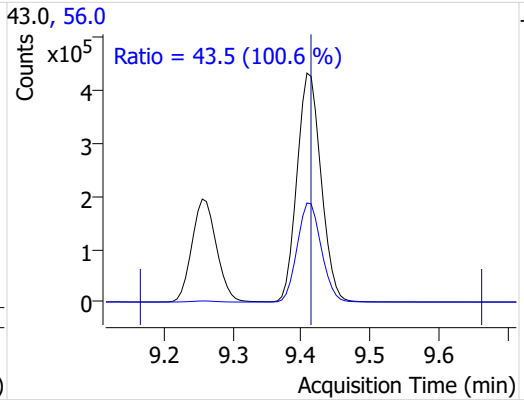


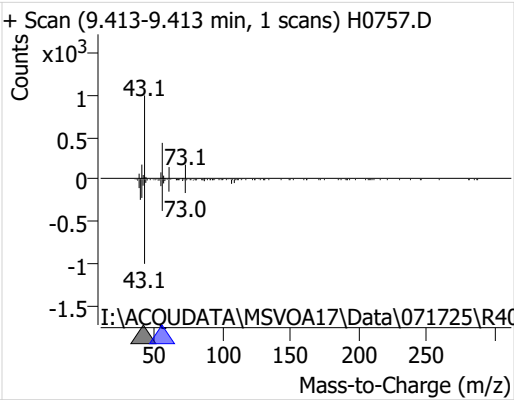


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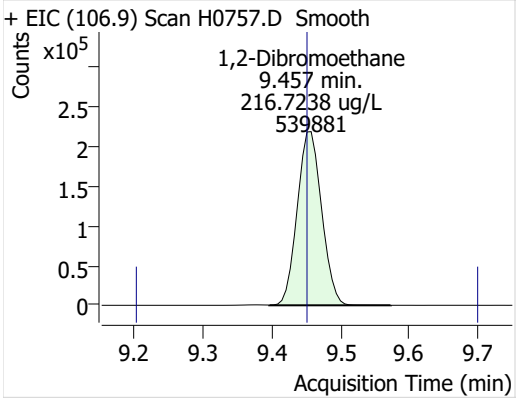
N-Butyl Acetate

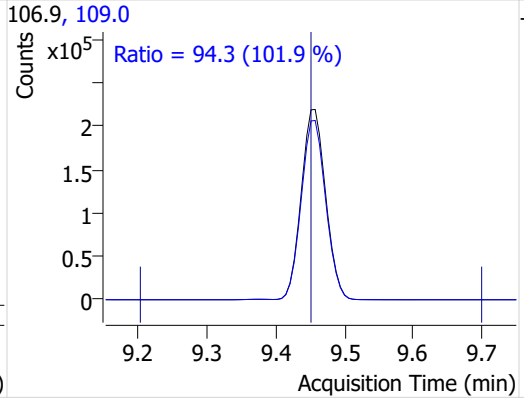


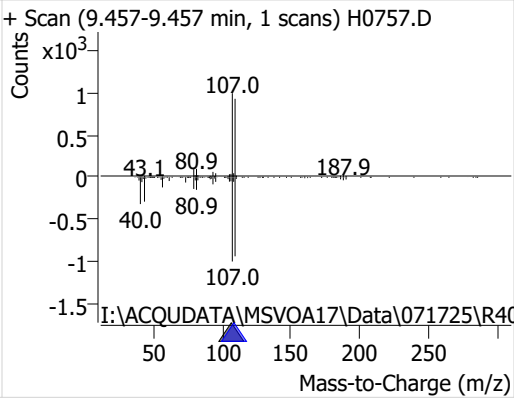




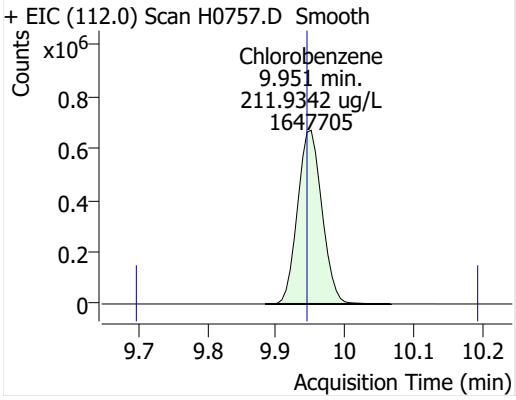
1,2-Dibromoethane

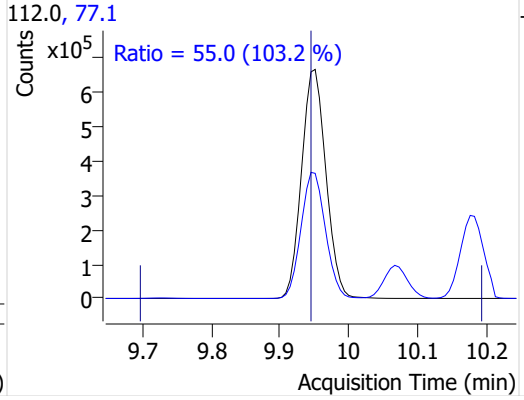


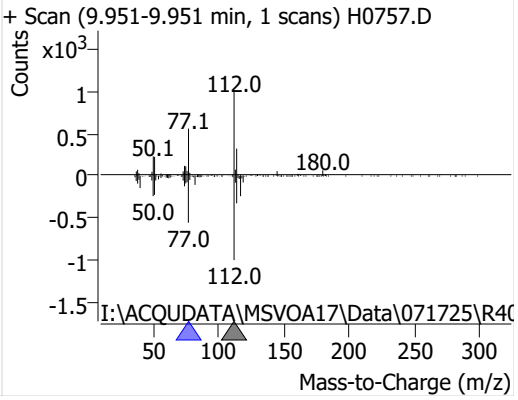




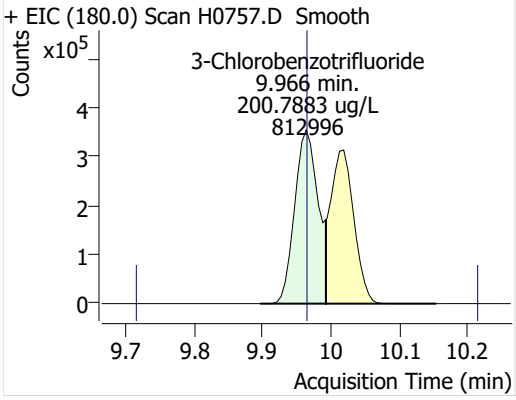
Chlorobenzene

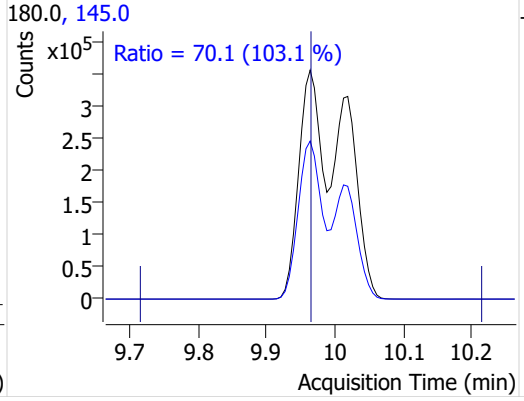


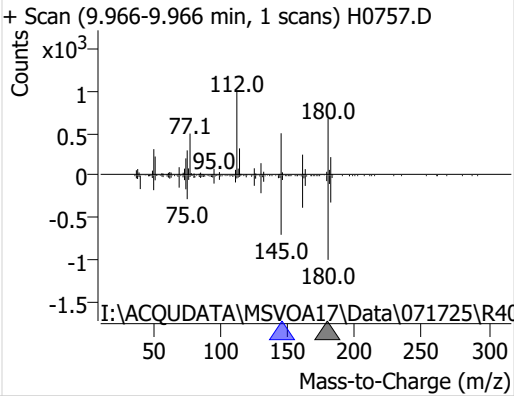




3-Chlorobenzotrifluoride

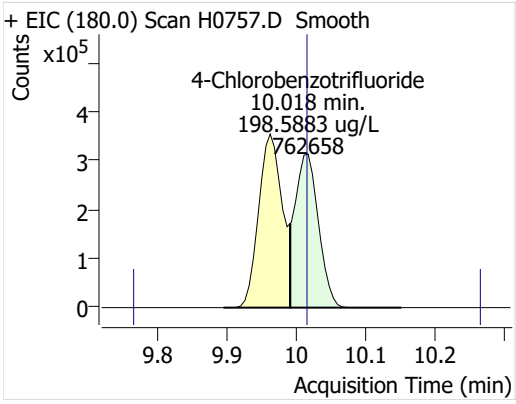


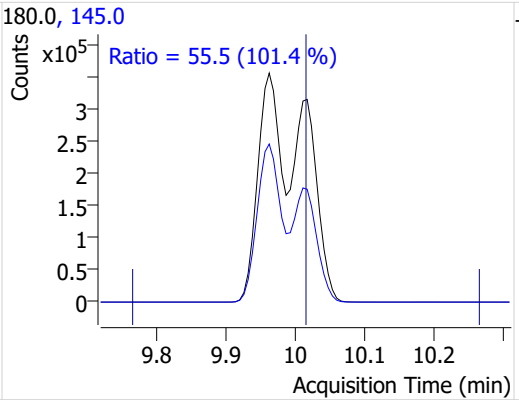


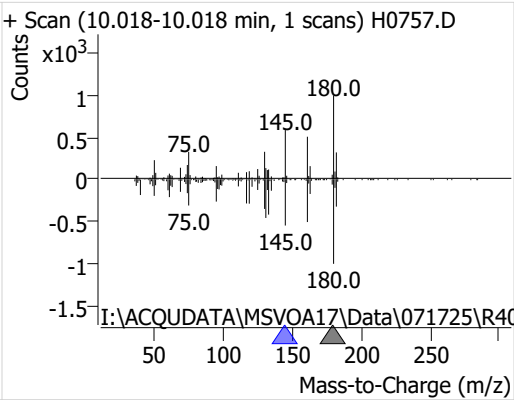


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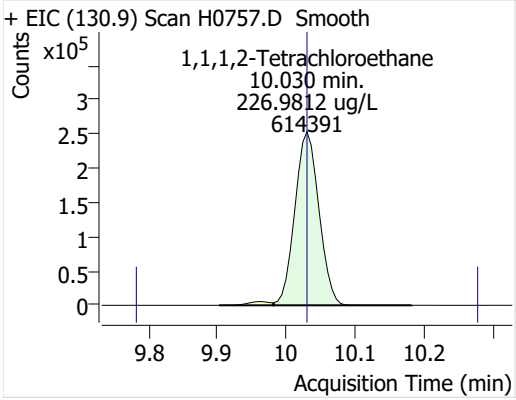
4-Chlorobenzotrifluoride

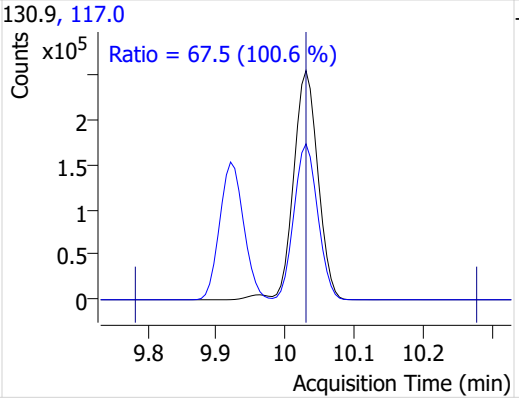


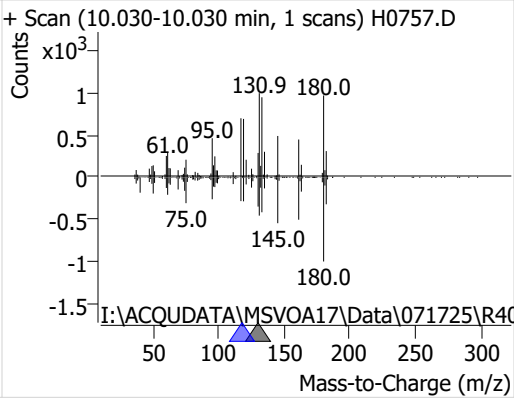




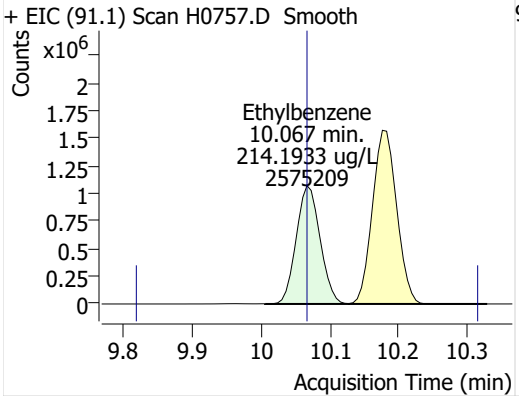
1,1,1,2-Tetrachloroethane

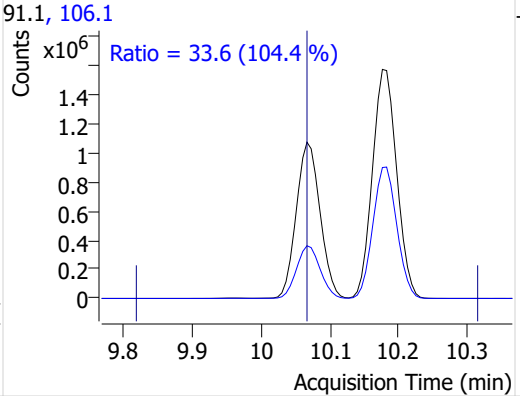


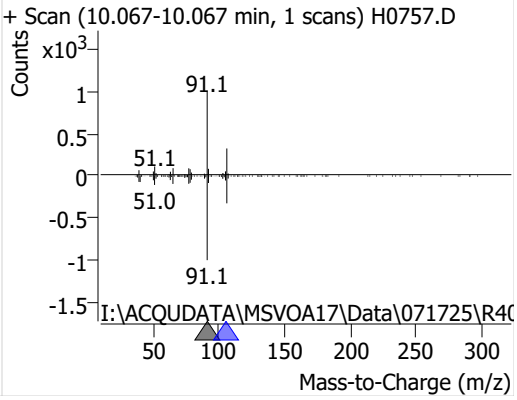




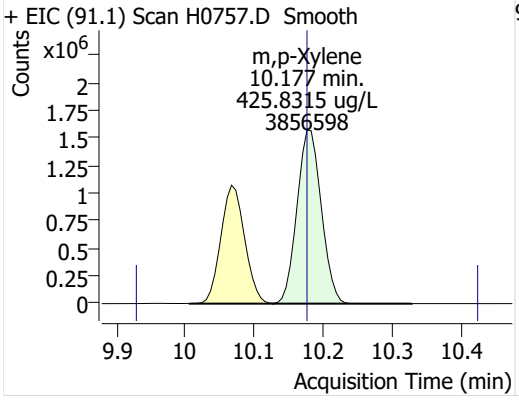
Ethylbenzene

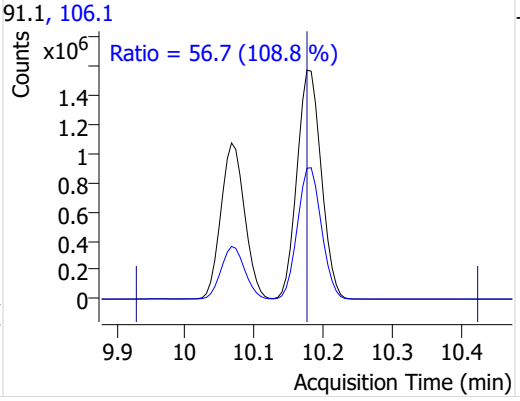


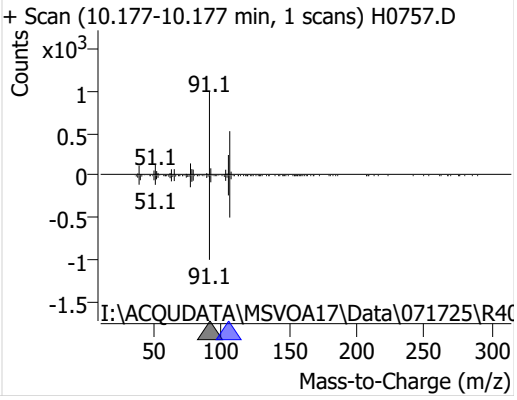




m,p-Xylene

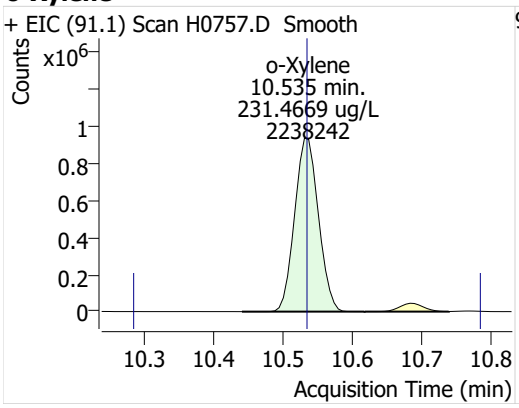


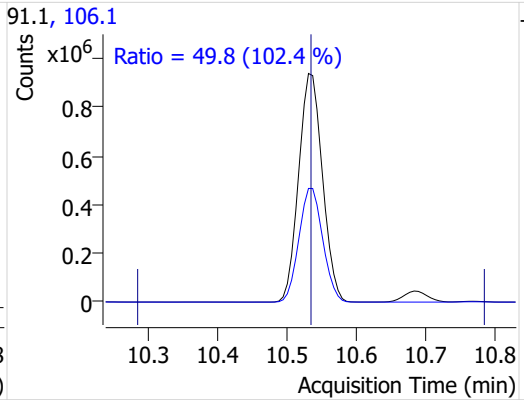


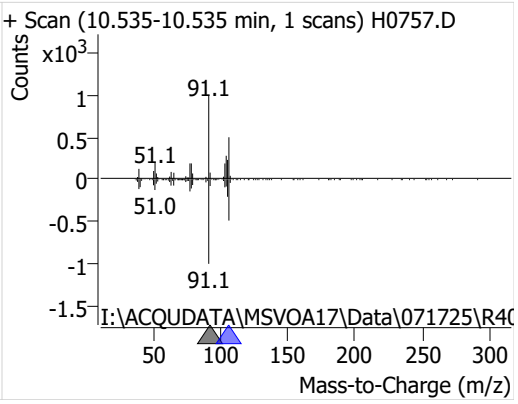


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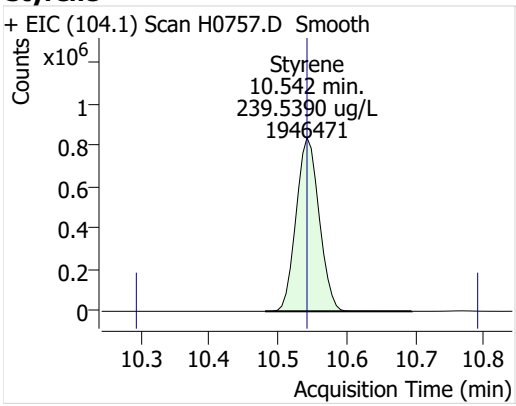
o-Xylene

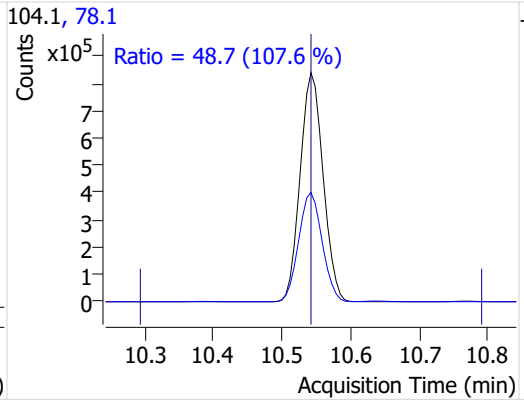


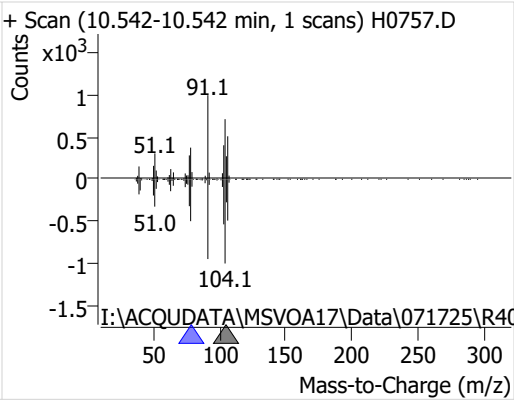




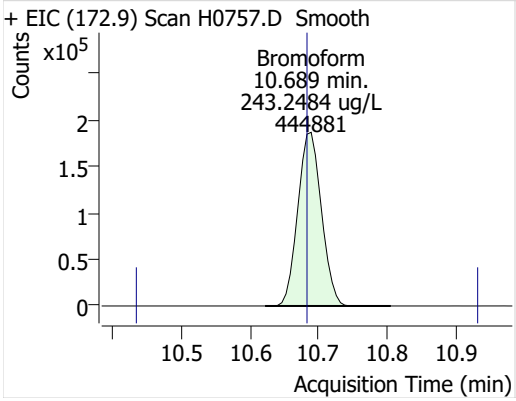
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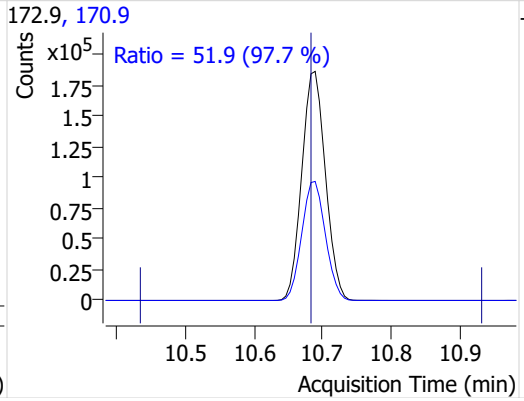


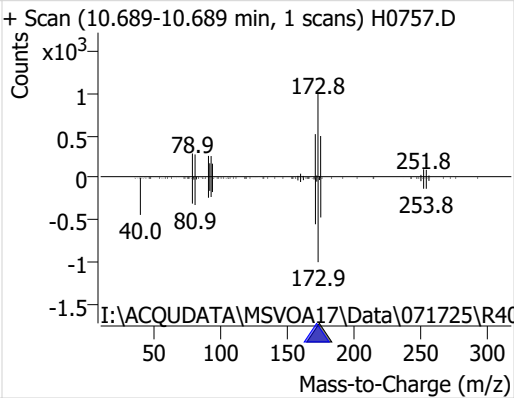




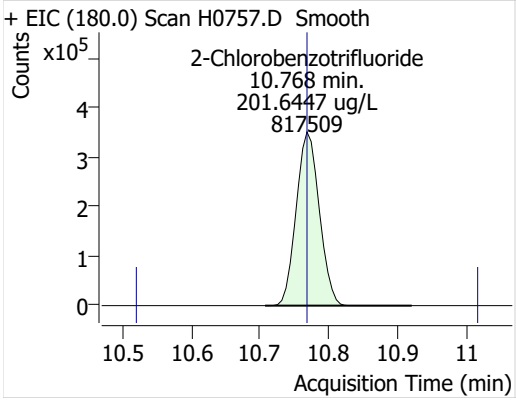
Bromoform

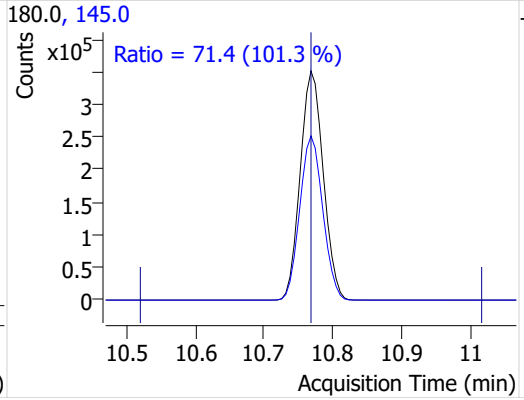


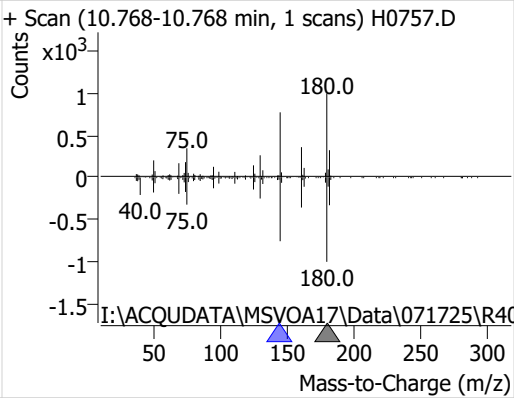




2-Chlorobenzotrifluoride

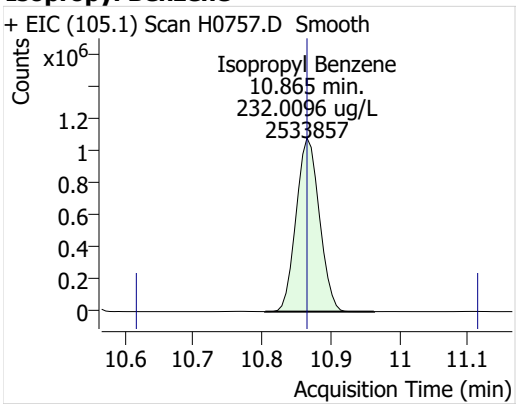


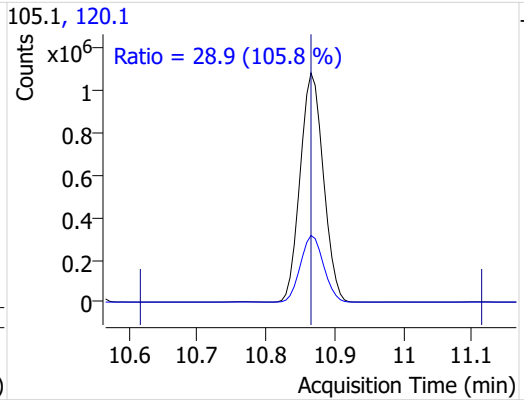


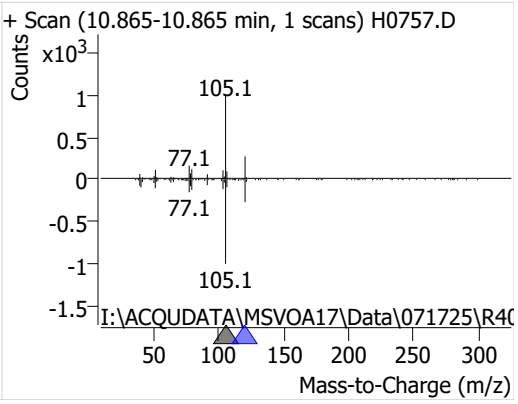


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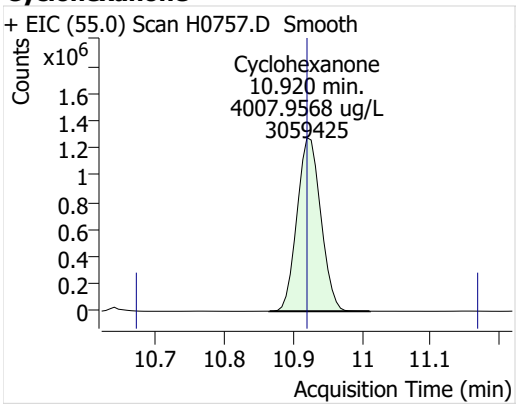
Isopropyl Benzene

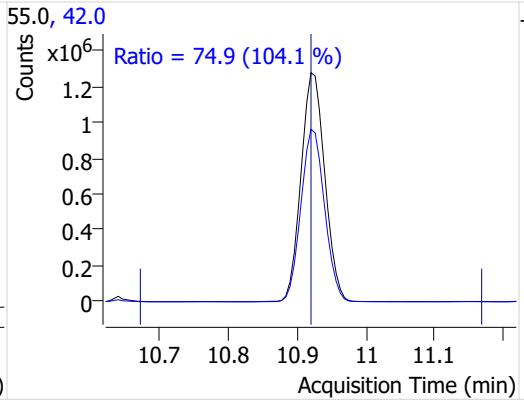


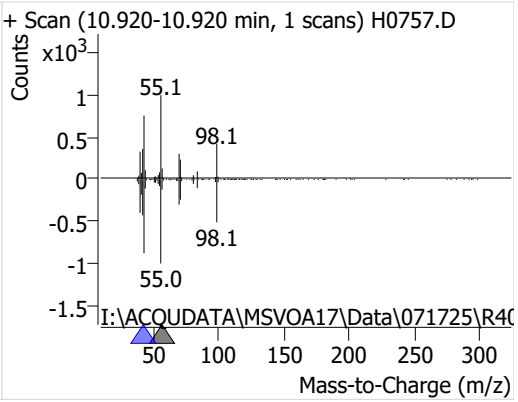




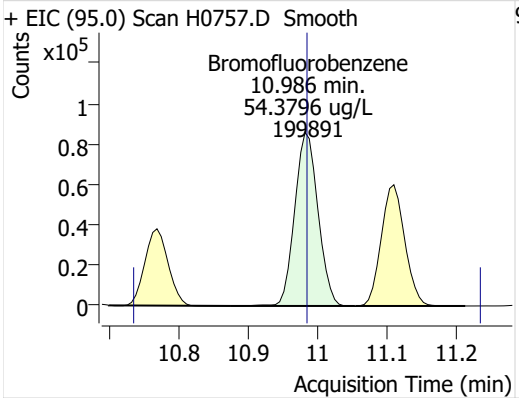
Cyclohexanone

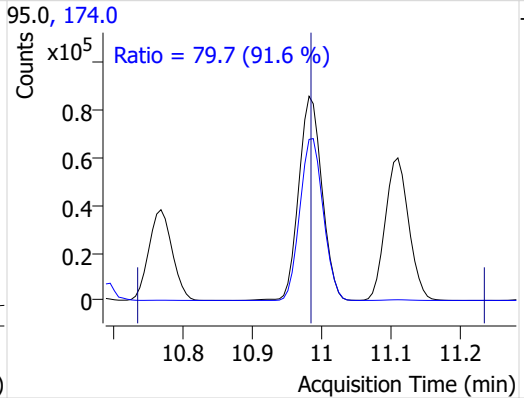


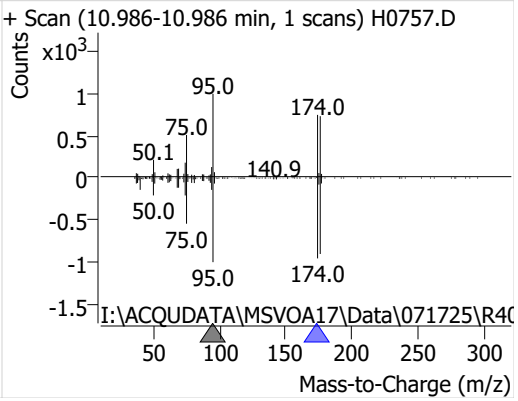




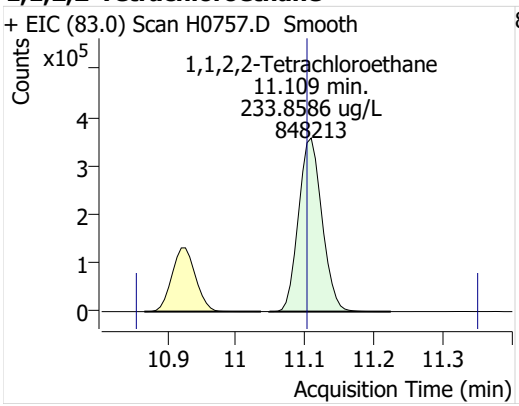
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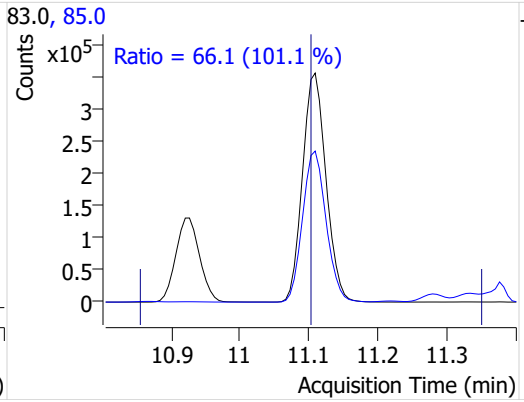


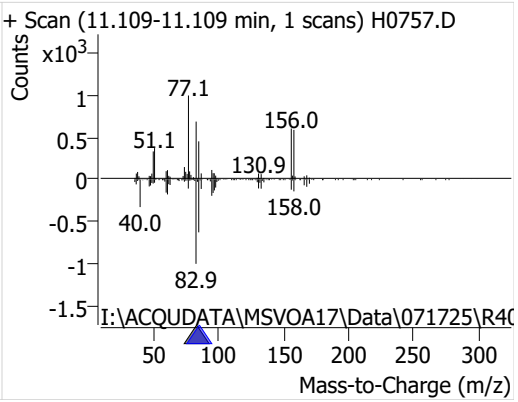




1,1,2,2-Tetrachloroethane

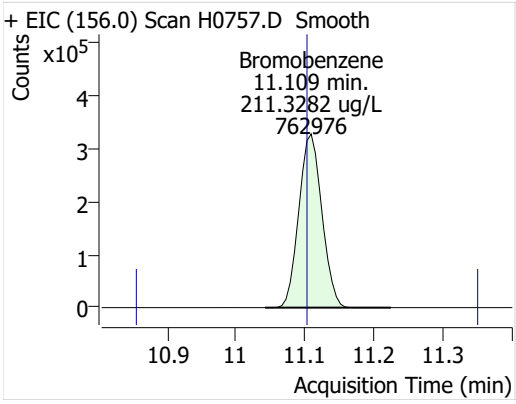


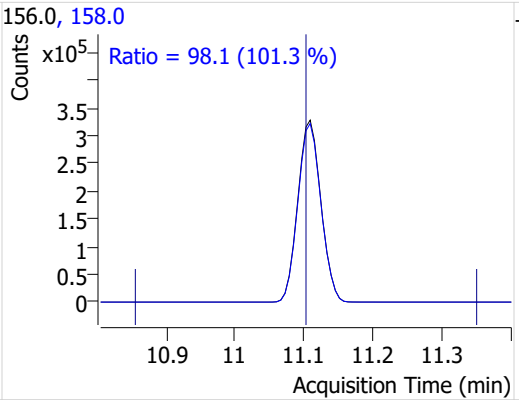


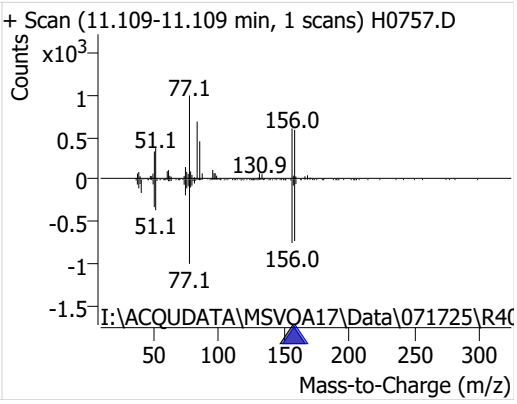


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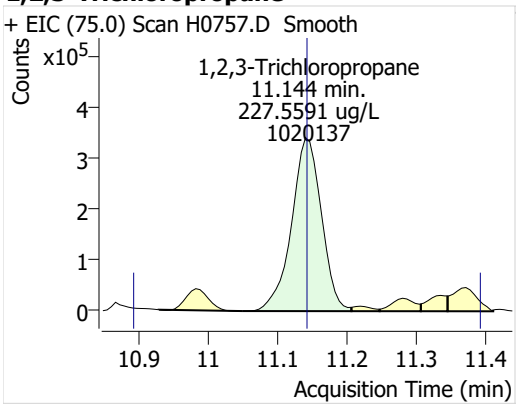
Bromobenzene

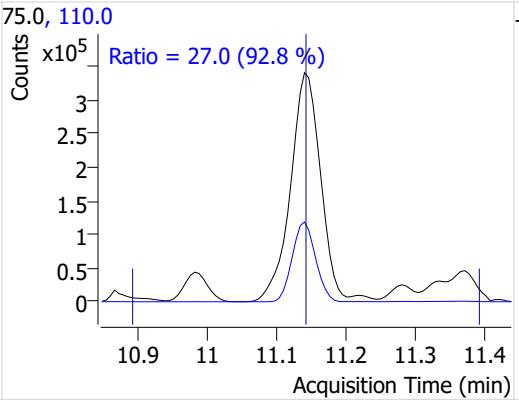


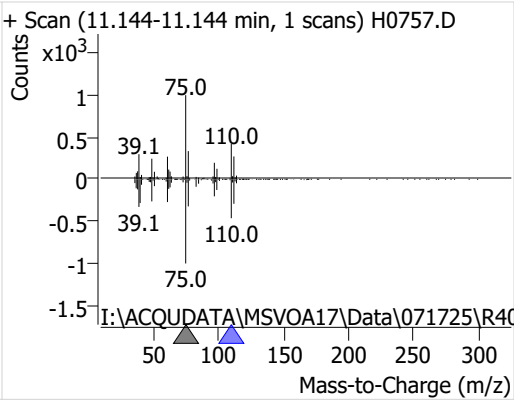




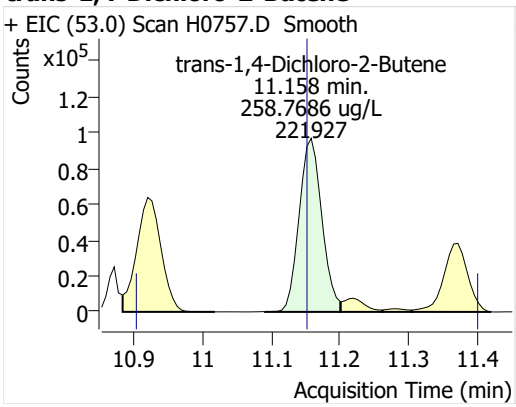
1,2,3-Trichloropropane

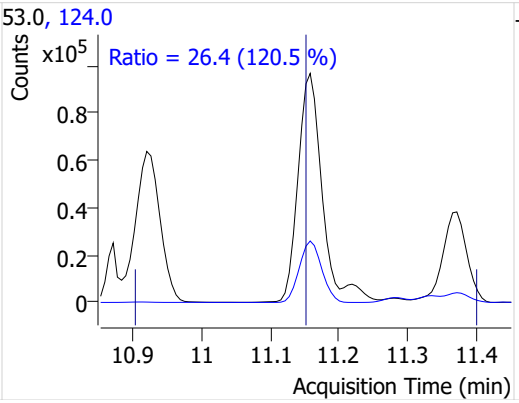


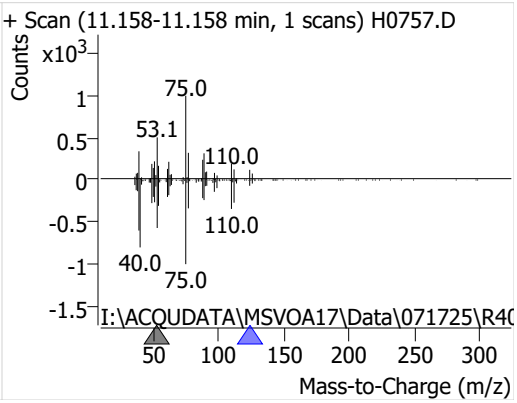




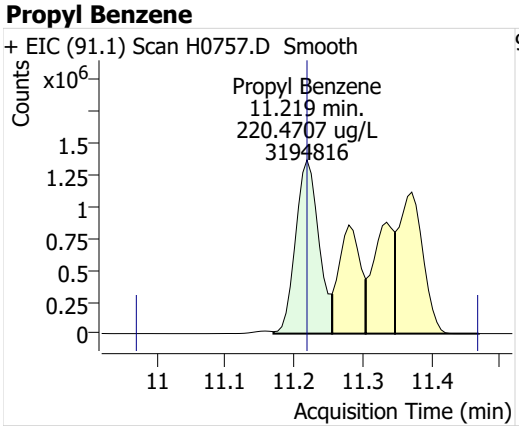
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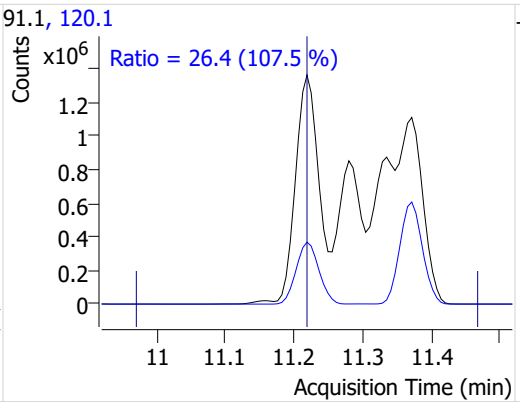


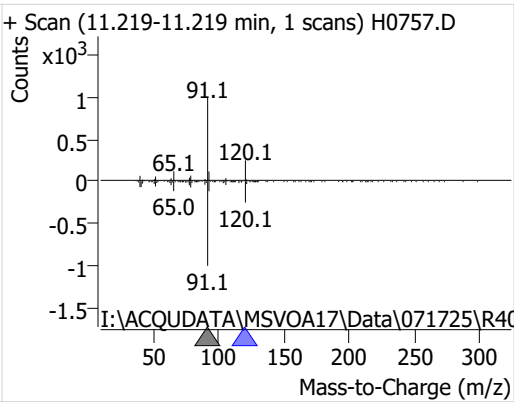




Propyl Benzene

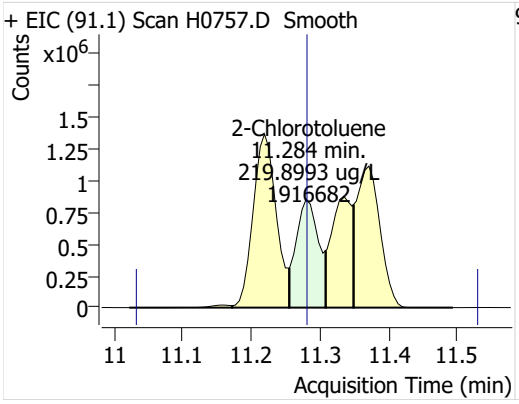


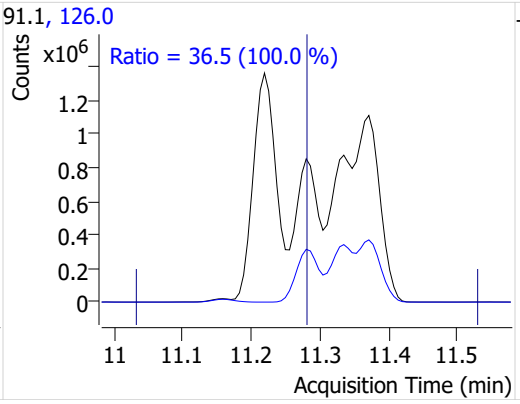


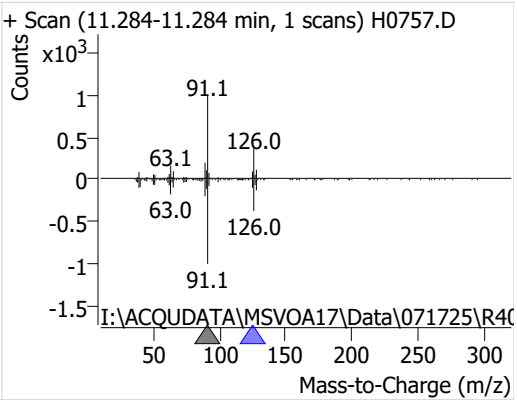


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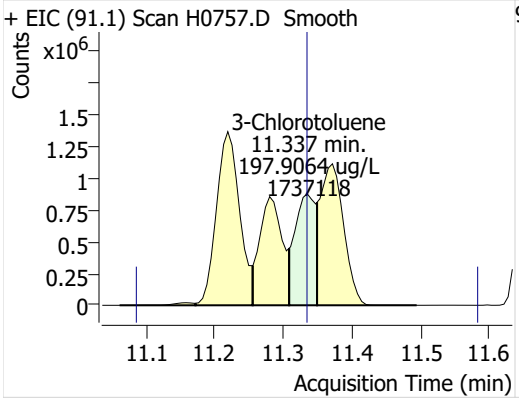
2-Chlorotoluene

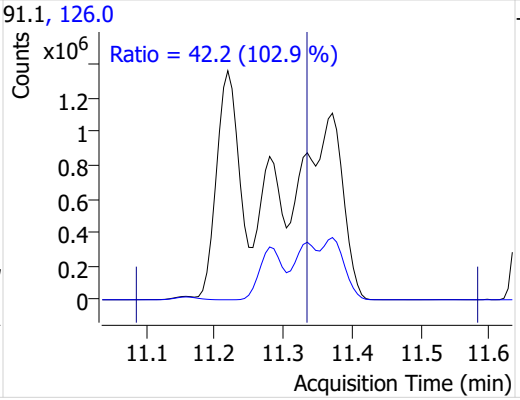


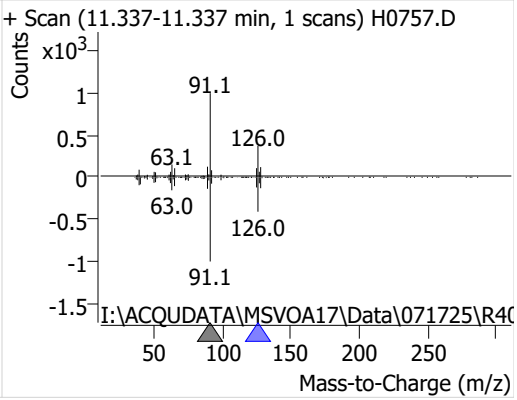




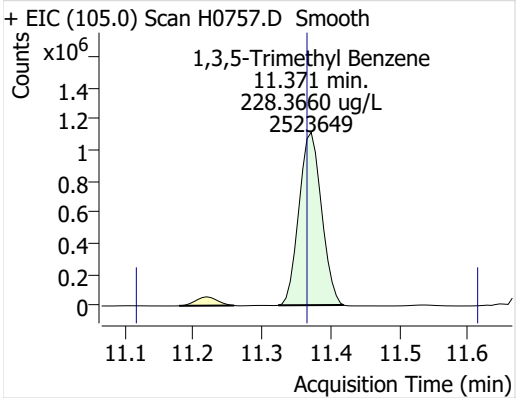
3-Chlorotoluene

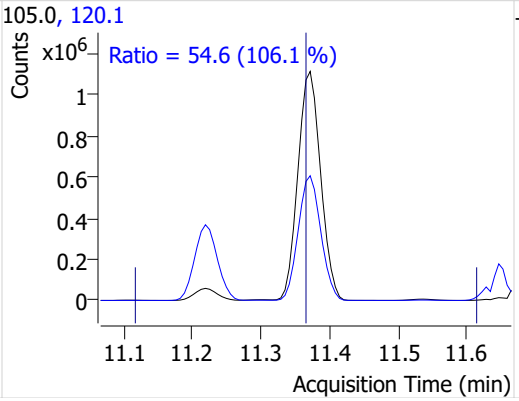


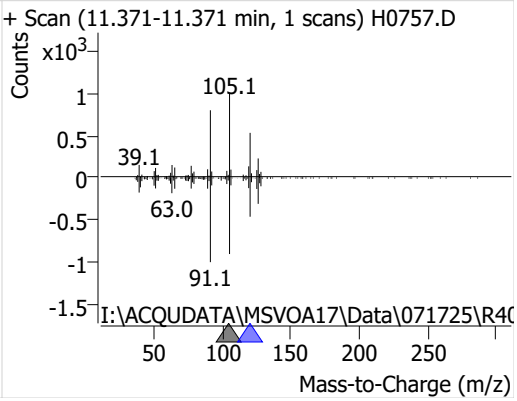




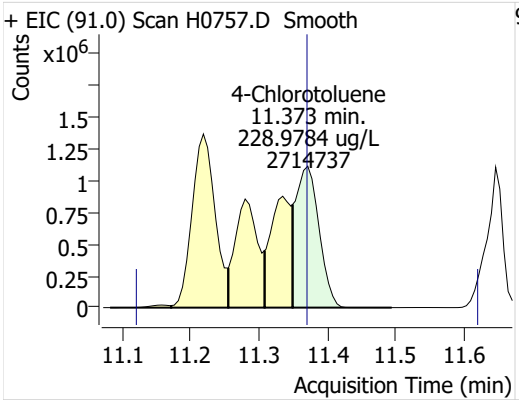
1,3,5-Trimethyl Benzene

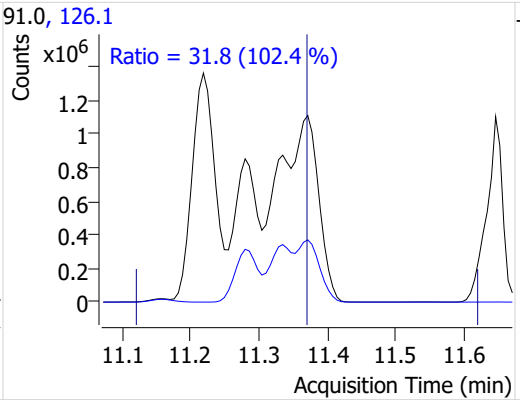


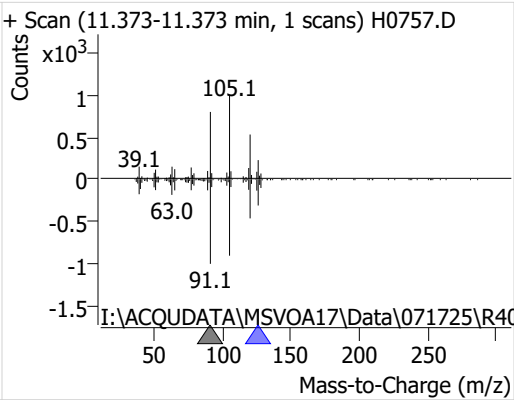




4-Chlorotoluene

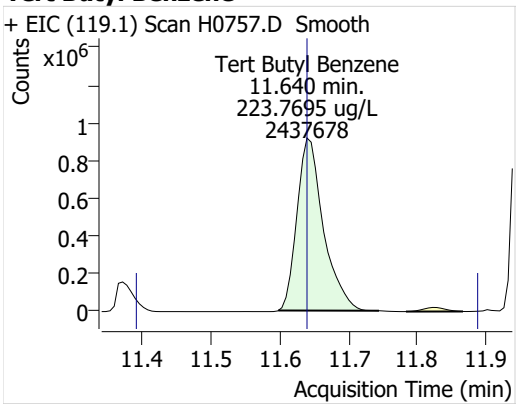


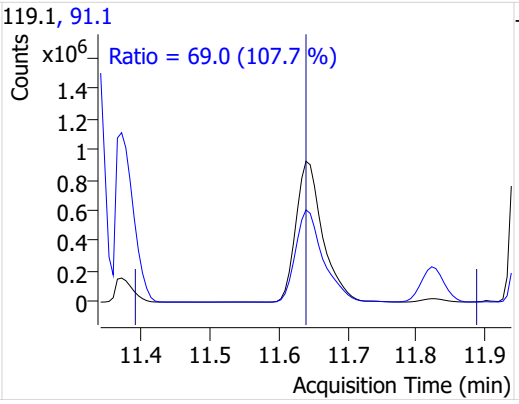


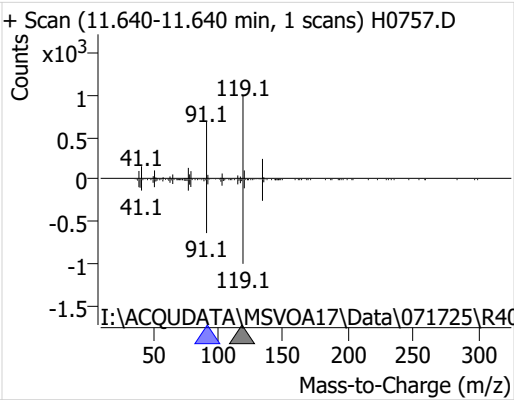


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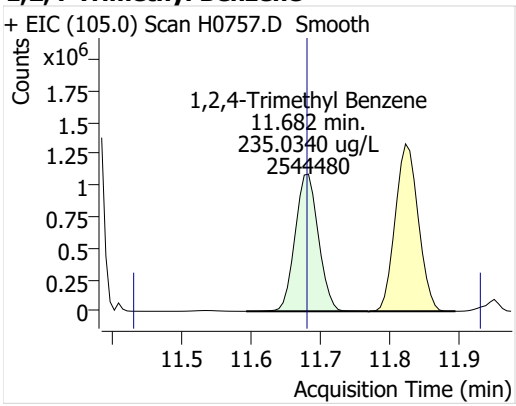
Tert Butyl Benzene

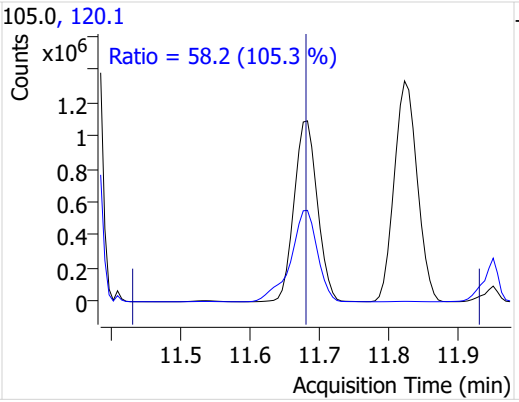


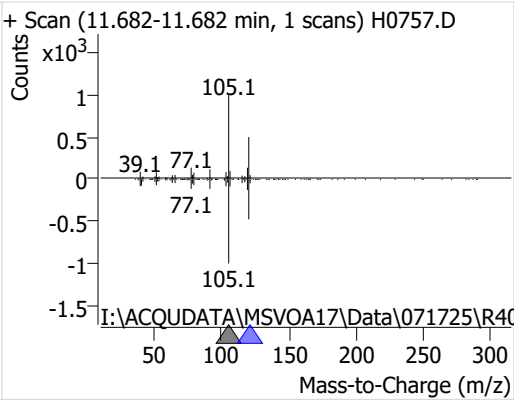




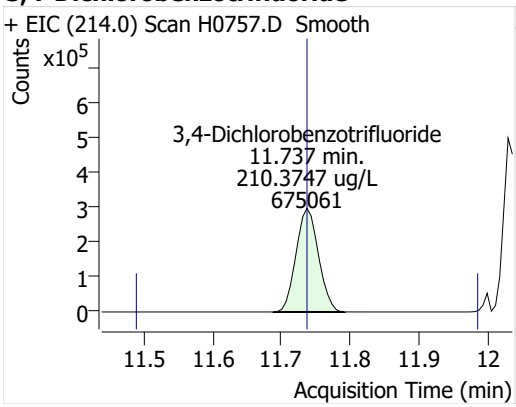
1,2,4-Trimethyl Benzene

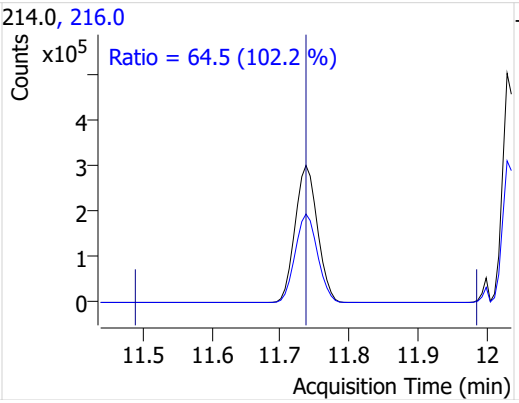


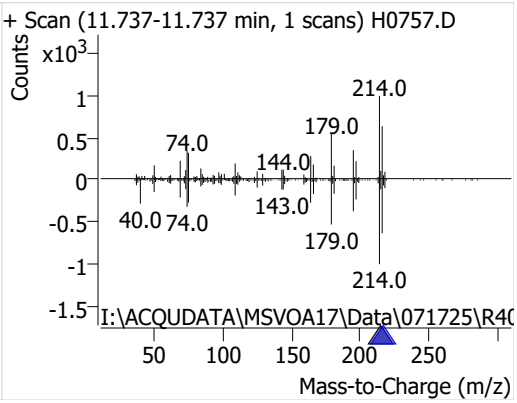




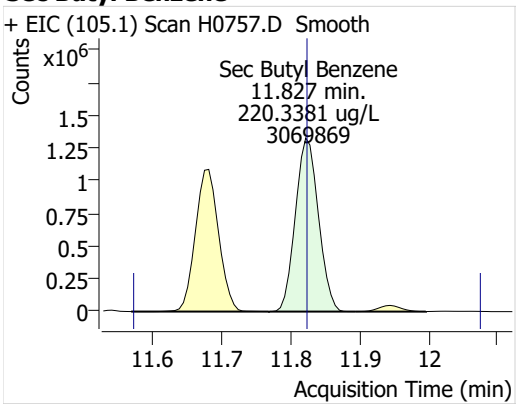
3,4-Dichlorobenzotrifluoride

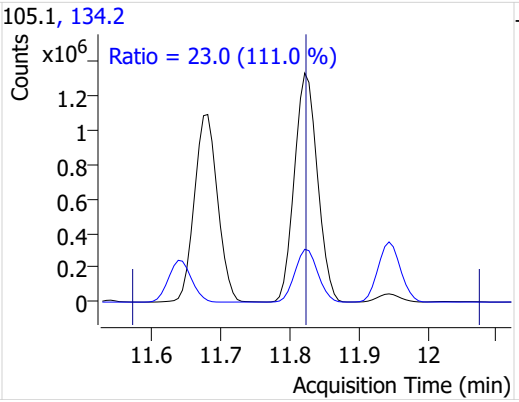


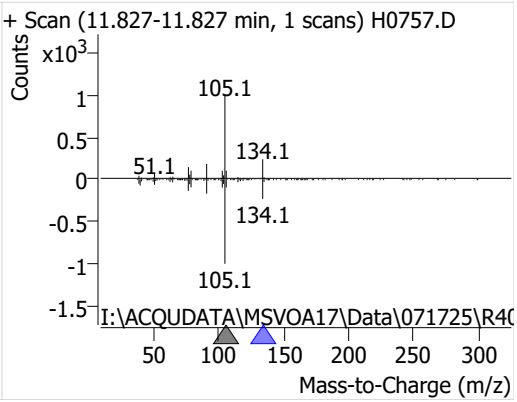




Sec Butyl Benzene

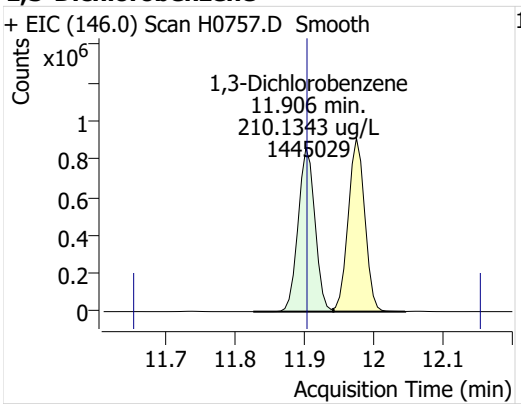


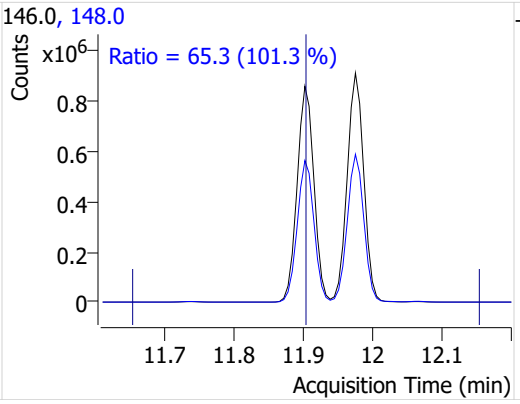


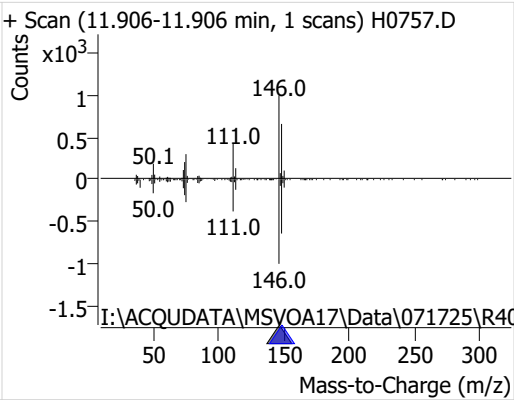


Masshunter Quantitative Analysis Sample Report

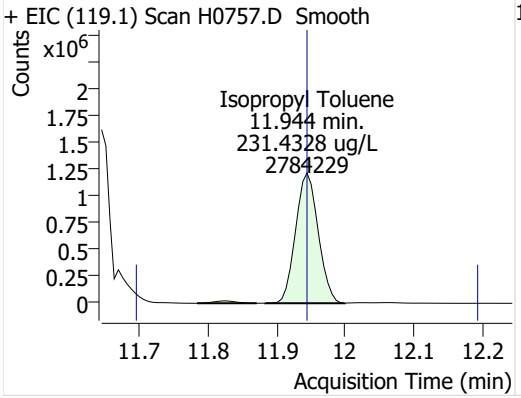
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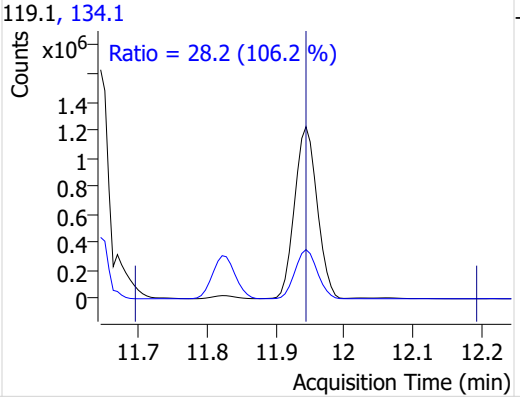


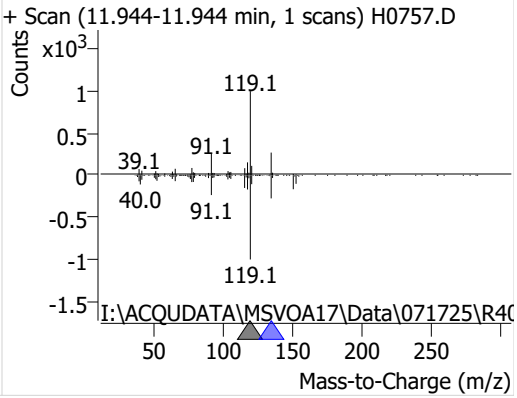




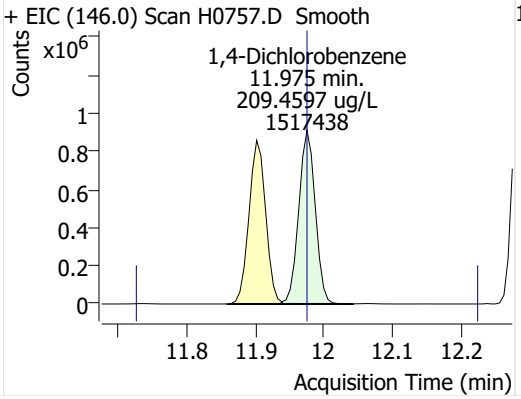
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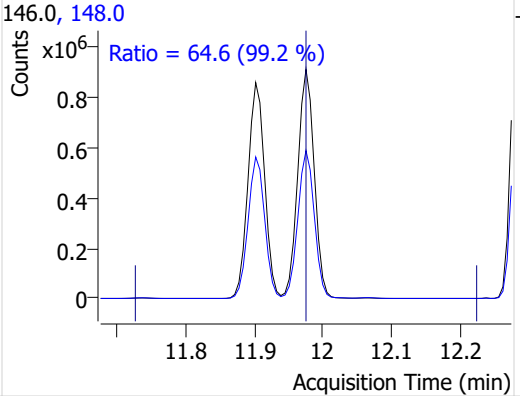


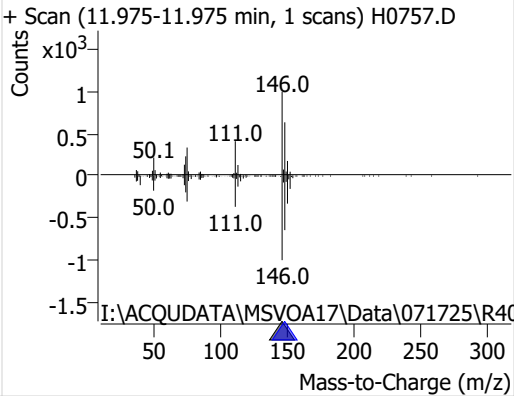




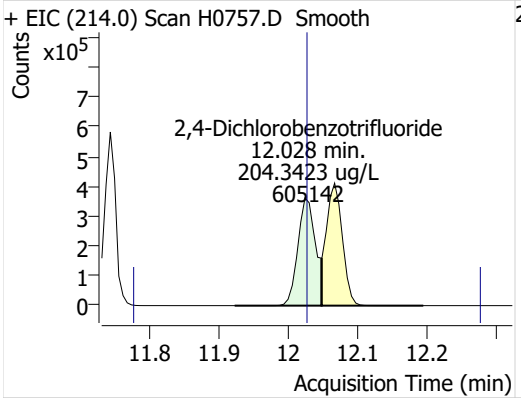
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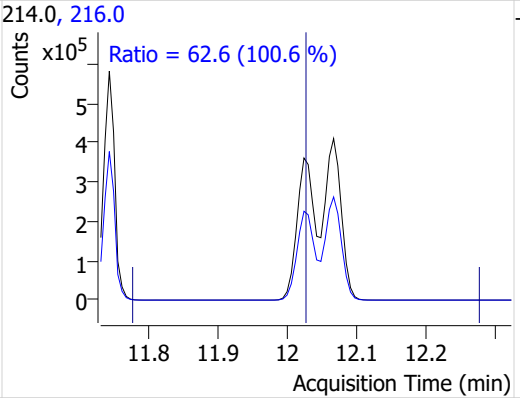


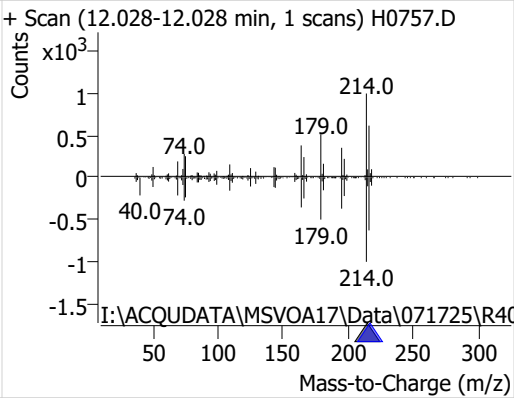




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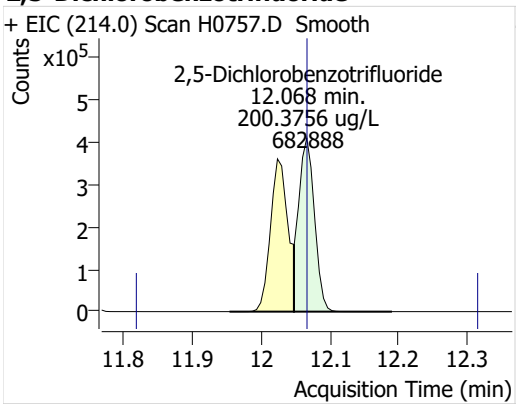


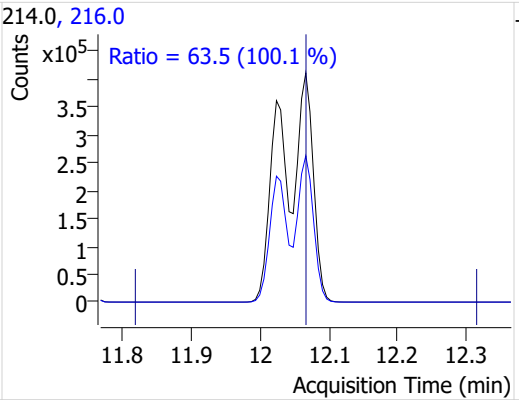


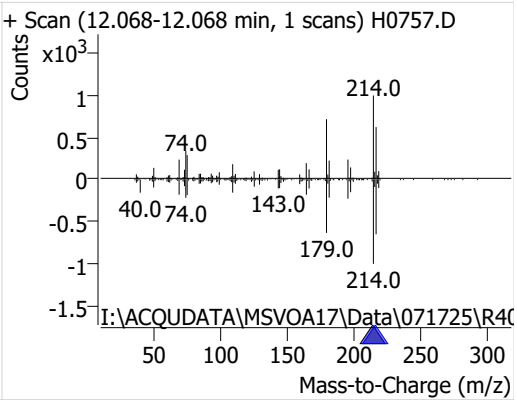


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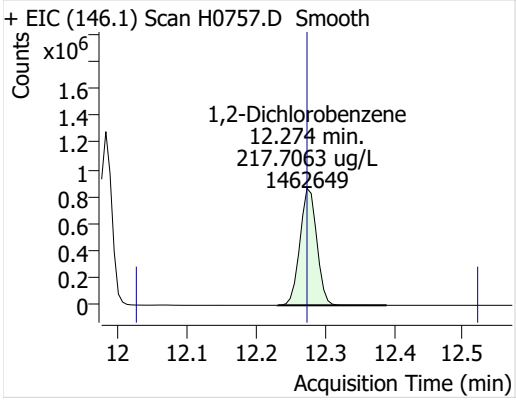
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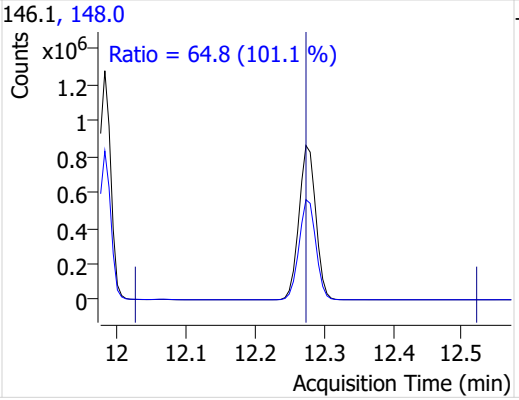


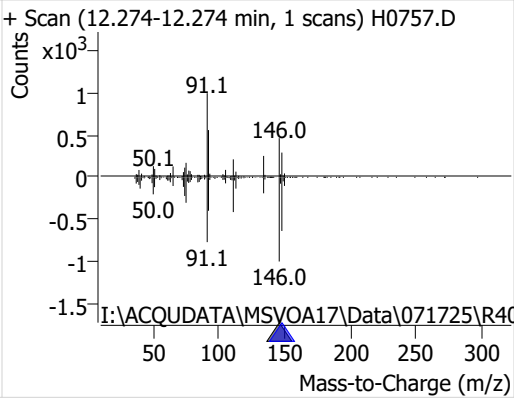




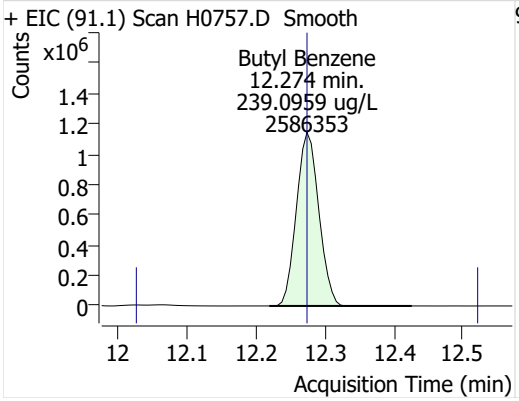
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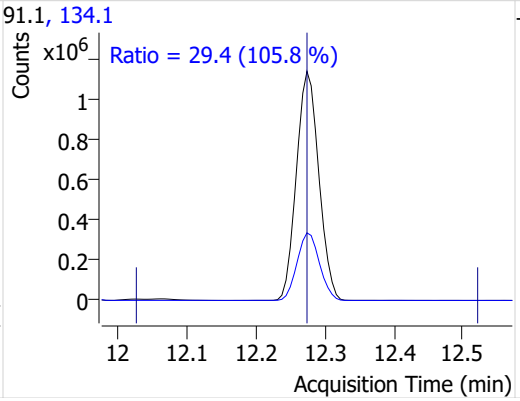


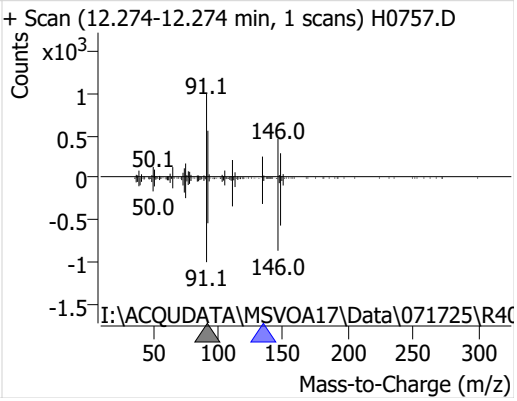




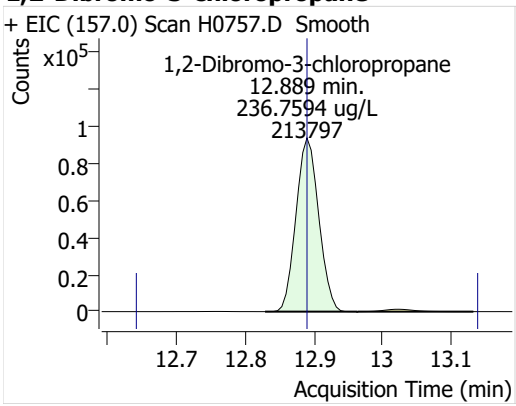
Butyl Benzene

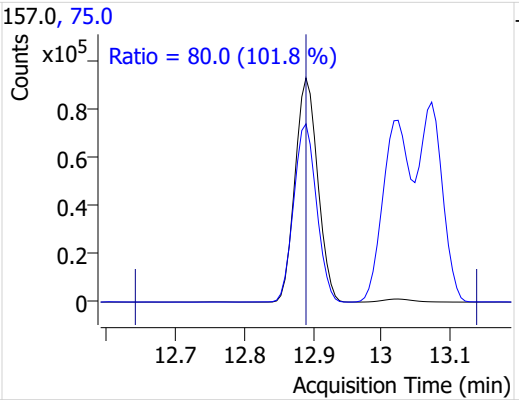


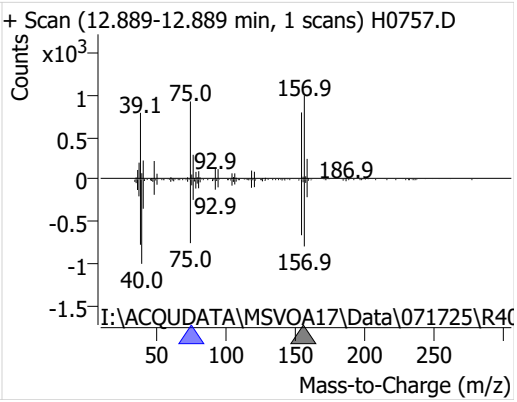




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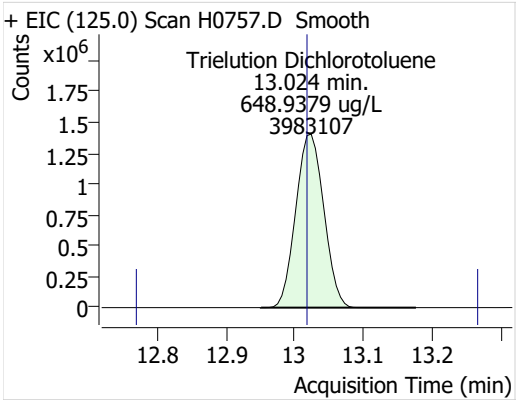


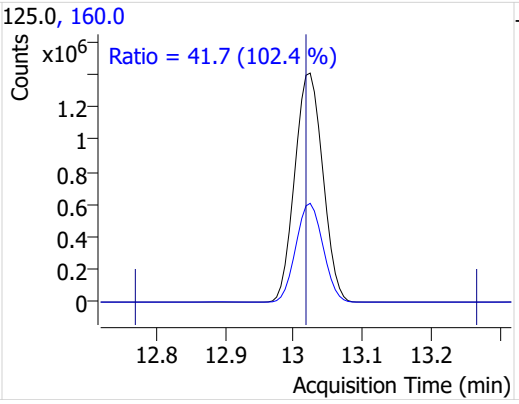


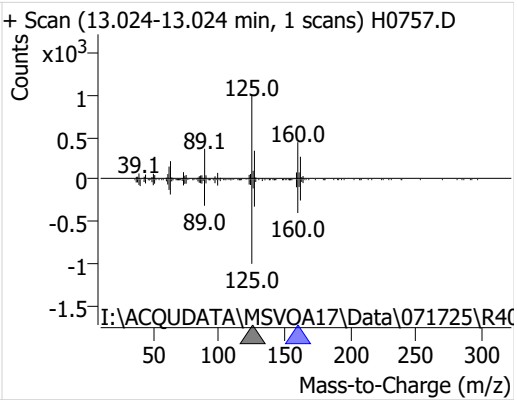


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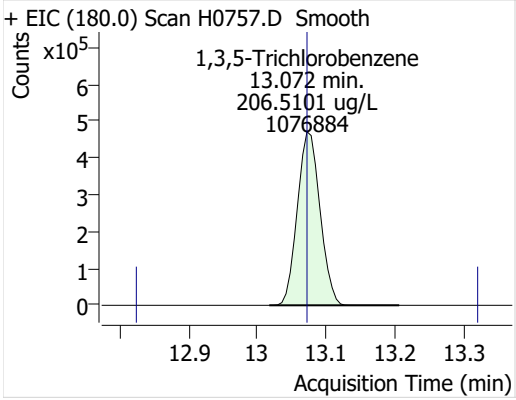
Trielution Dichlorotoluene

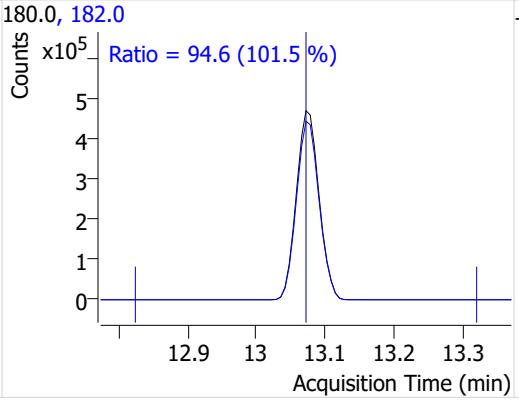


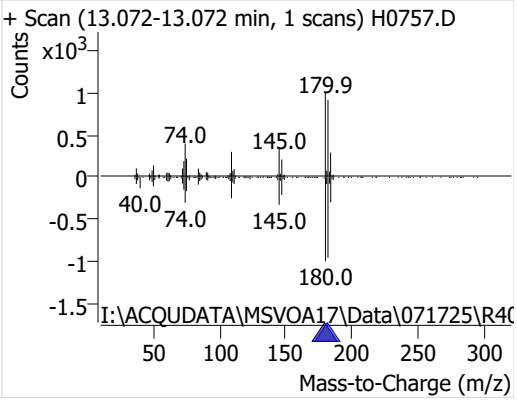




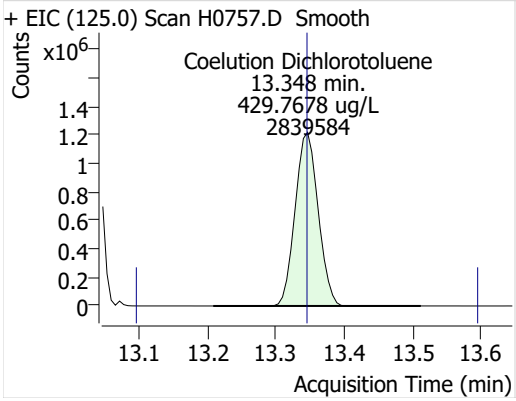
1,3,5-Trichlorobenzene

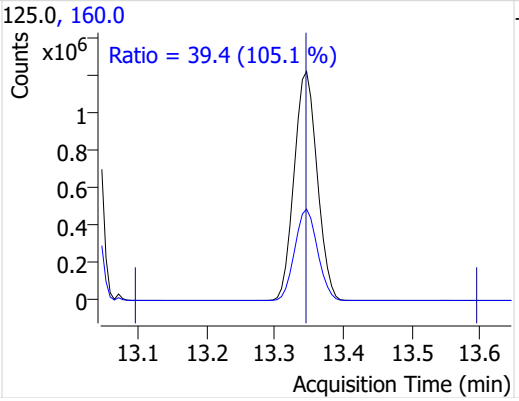


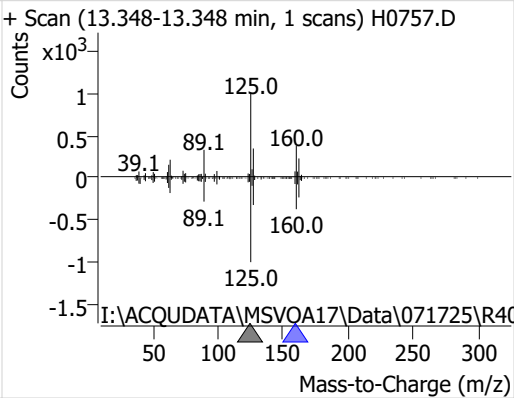




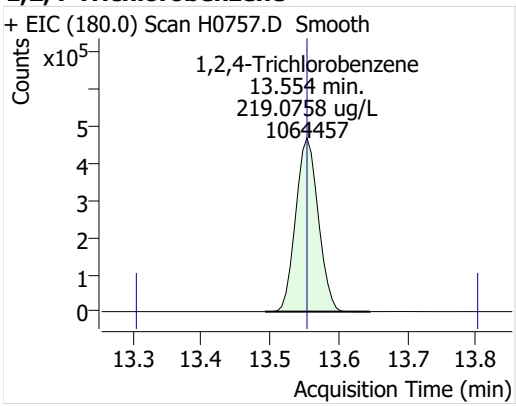
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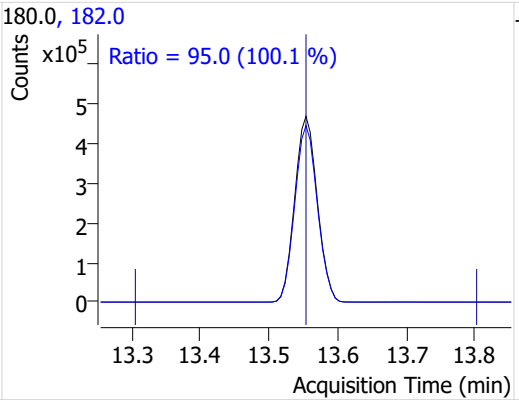


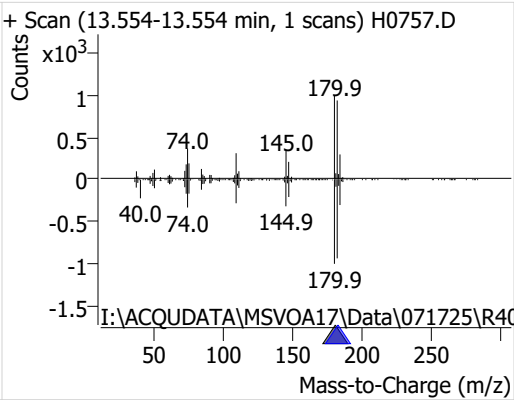




1,2,4-Trichlorobenzene

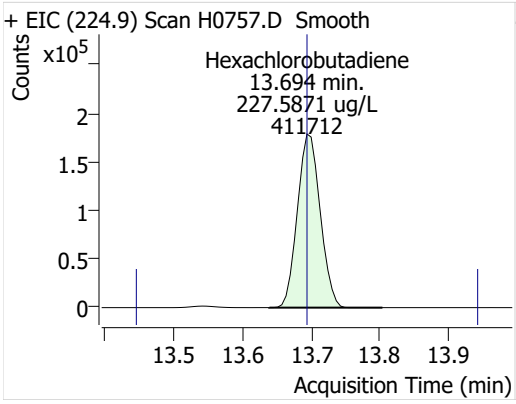


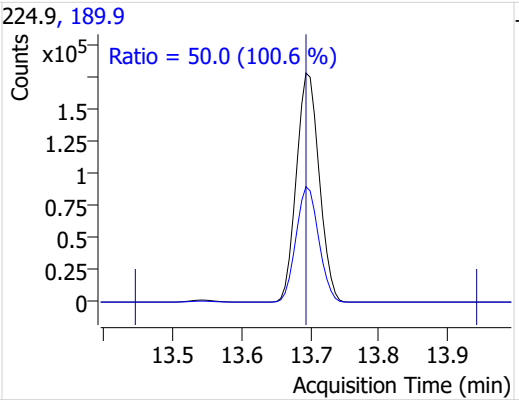


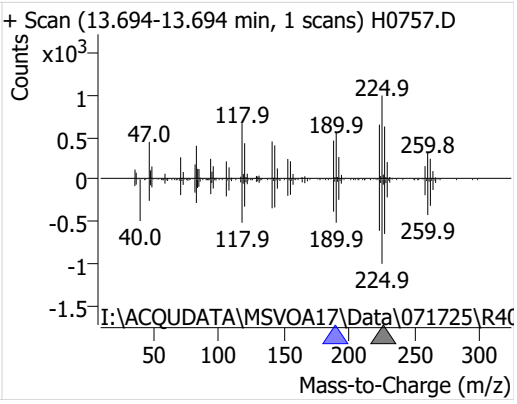


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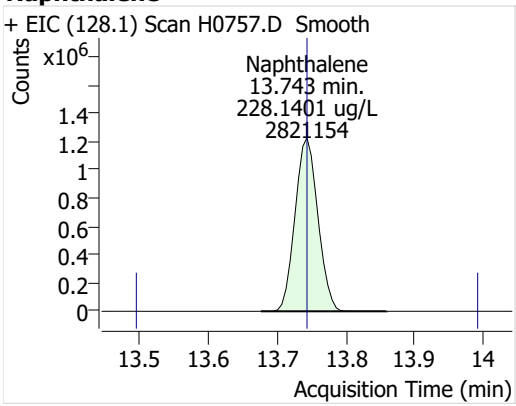
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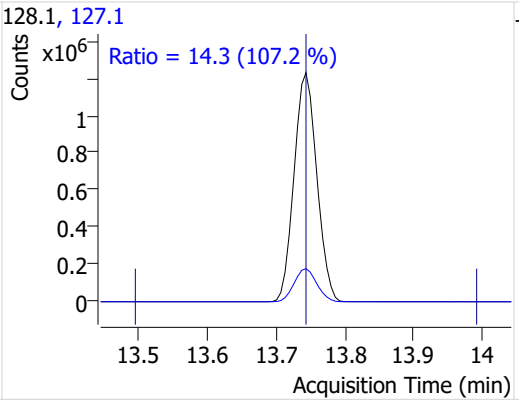


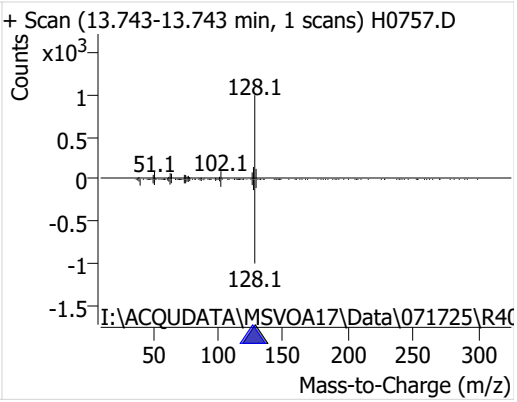




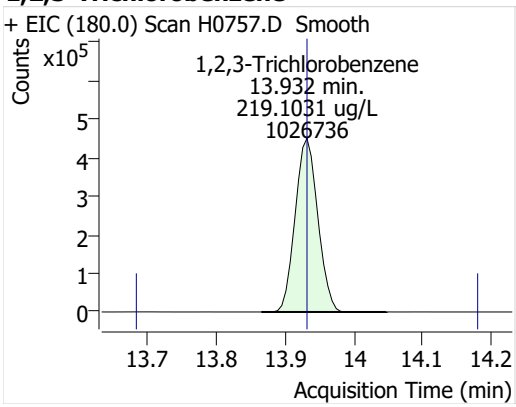
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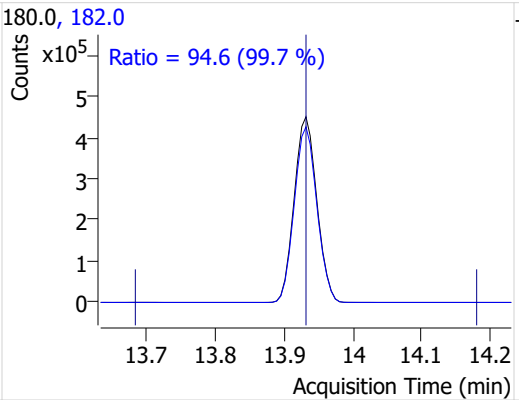


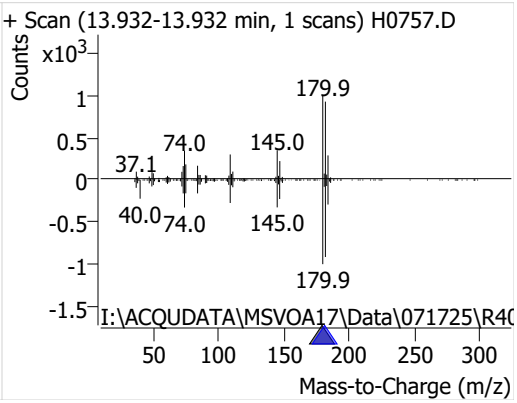




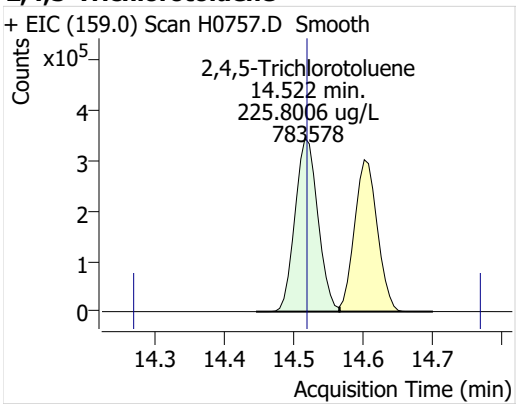
1,2,3-Trichlorobenzene

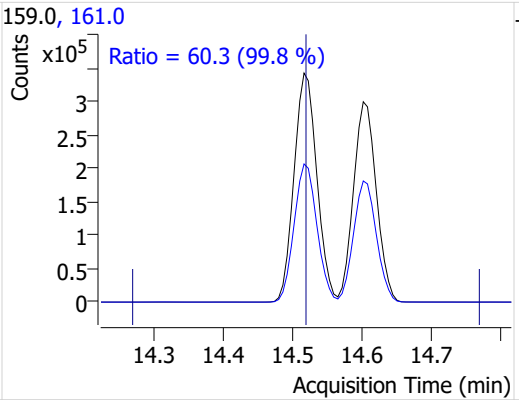


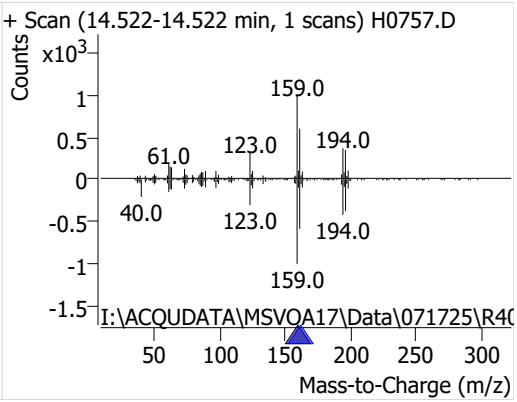




2,4,5-Trichlorotoluene

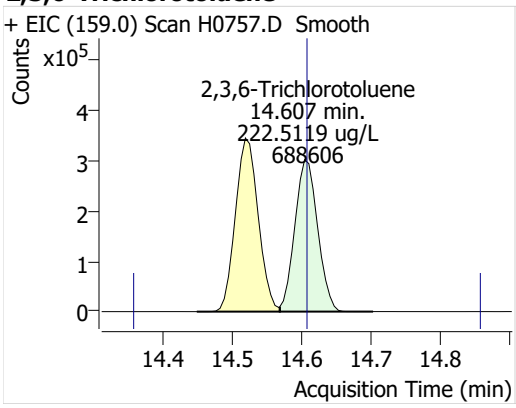


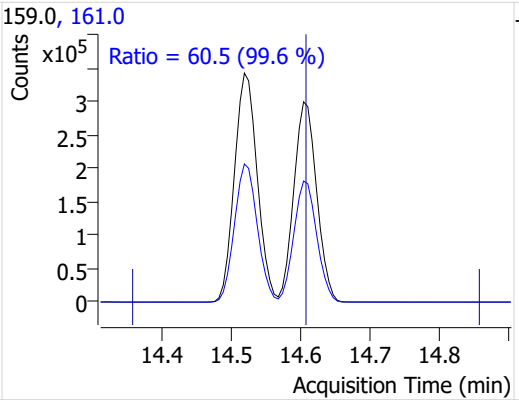


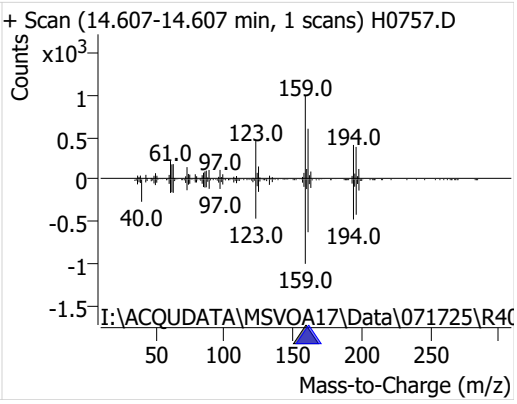


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2,3,6-Trichlorotoluene





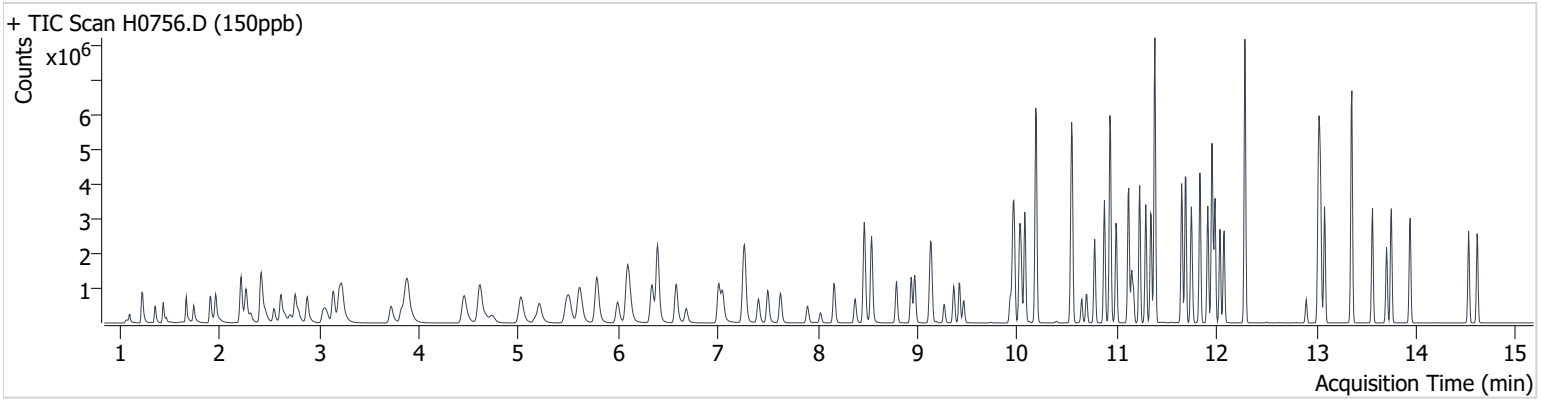


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Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
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Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	245408	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	406261	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	355420	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	221907	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	498419	190.3015	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	1893296	187.0270	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.986	0.002	741265	207.6019	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	574555	190.0608	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	473876	157.5268	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	449625	150.4845	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.001	409142	149.4626	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	484044	151.0241	ug/L
Bromomethane	94.000	0.296	0.001	1.662	0.008	344781	142.1261	ug/L
Chloroethane	64.000	0.309	0.003	1.739	0.016	378728	161.2728	ug/L
Fluorodichloromethane	67.000	0.339	0.001	1.905	0.004	743679	153.8679	ug/L
Trichlorofluoromethane	101.000	0.348	0.001	1.959	0.006	701583	160.3086	ug/L
Freon 123a	117.000	0.393	0.000	2.209	0.003	377251	144.6357	ug/L
Diethyl Ether	59.000	0.394	0.000	2.215	0.001	358268	159.5143	ug/L
Freon 123	83.000	0.403	0.000	2.263	0.002	584884	149.1329	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.001	122114	772.2615	ug/L
1,1-Dichloroethene	61.000	0.428	0.001	2.404	0.006	642149	161.6802	ug/L
Freon 113	101.000	0.431	0.001	2.421	0.005	434350	158.9987	ug/L
Acetone	43.000	0.437	0.000	2.458	0.003	166316	151.5301	ug/L
Iodomethane	142.000	0.452	0.001	2.544	0.003	496272	145.5490	ug/L
2-Propanol	45.000	0.468	0.005	2.632	0.025	570947	3550.6507	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	945000	142.0355	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.753	0.002	929509	1040.4646	ug/L
Methyl Acetate	43.000	0.496	0.000	2.786	0.001	341352	156.7850	ug/L

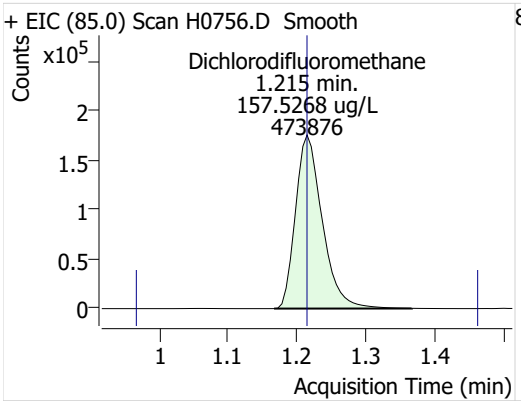
Masshunter Quantitative Analysis Sample Report

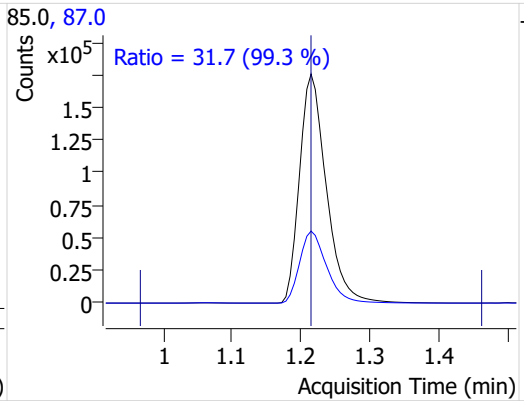
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	398290	149.3590	ug/L
TBA	59.000	0.542	0.004	3.050	0.024	982388	3958.1015	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	943752	835.9715	ug/L
trans-1,2-Dichloroethene	61.000	0.567	0.001	3.190	0.006	579041	164.7292	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	1276181	173.7524	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	709243	157.4855	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	746883	196.5291	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	357843	169.1919	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	1296839	168.5886	ug/L
ETBE	59.000	0.791	0.000	4.449	0.001	1236825	171.8183	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.606	0.001	450849	160.5005	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	596783	177.3767	ug/L
2-Butanone	43.000	0.831	0.000	4.674	0.001	212063	153.5360	ug/L
Propionitrile	54.000	0.841	0.001	4.726	0.006	368448	849.2474	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	302044	153.0532	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.023	0.002	198902	176.0054	ug/L
Tetrahydrofuran	42.000	0.918	0.002	5.162	0.009	137883	164.5716	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	702919	151.7481	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	630385	165.8686	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.003	616512	154.8244	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	589205 BA	169.6137	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	514582	159.2319	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	1520360	156.3671	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	589763	156.8425	ug/L
Iso-Butyl Alcohol	43.000	0.916	0.002	6.112	0.013	387521	3044.9489	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	1180647	176.7416	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.000	619383	160.2439	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	461732	154.5032	ug/L
1-Butanol	56.000	1.055	0.002	7.037	0.012	669638	10007.4158	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	592639	168.1212	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	431395	161.3442	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	285482	149.5953	ug/L
1,4-Dioxane	88.000	1.122	0.001	7.488	0.006	133479	3391.8728	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	328213	178.9599	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	565677	159.5537	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	346520	308.6704	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	136551	171.2135	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	616233	174.7533	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.368	0.001	442064	171.0561	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	1771367	166.4731	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	555749	179.3783	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	580120	179.4655	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	389928	159.0085	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	435294	162.2101	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	641013	155.9952	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	170901	170.1946	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	478639	167.1677	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	703000	183.2575	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	371653	155.7978	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	1194300	160.4169	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.965	0.001	601015	155.0067	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.018	0.001	564592	153.5229	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	436162	168.2705	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	1889591	164.1256	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	2933062	338.1971	ug/L
o-Xylene	91.100	1.062	0.000	10.535	0.001	1599113	172.6937	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	1383769	177.8309	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.006	301509	172.1561	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	599792	154.4937	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	1864452	178.2749	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	1921998	2980.0632	ug/L

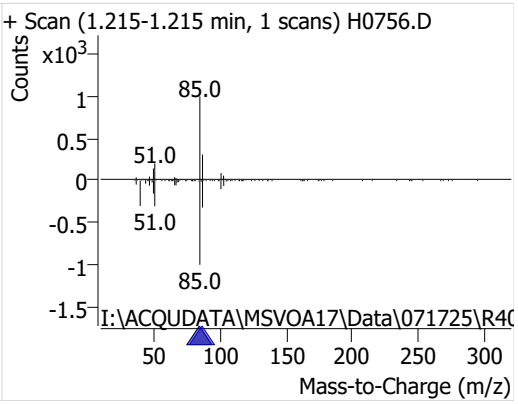
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Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	573169	162.6844	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	546789	155.9127	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.144	0.001	700785	160.9294	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	147851 BA	180.0293	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	2357368	167.4739	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.283	0.002	1385007	163.5839	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.336	0.002	1285201	150.7359	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	1871445	174.3390	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.372	0.002	1979125	171.8521	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	1780878	168.2959	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.682	0.002	1862364	177.0970	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	493052	158.1824	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.826	0.002	2311048	170.7629	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.905	0.002	1034878	154.9260	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	2061115	176.3750	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	1072731	152.4387	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.028	0.001	436508	151.7427	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.001	502171	151.6917	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	1034880	158.5753	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	1885453	179.4383	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	141967	161.8483	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.024	0.006	2912579	488.5104	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	767595	151.5373	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.347	0.002	2099877	327.1810	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	750941	159.1062	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	281115	159.9751	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	2041276	169.9384	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	717105	157.5389	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.521	0.001	546265	162.0545	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.607	0.001	489151	162.7196	ug/L

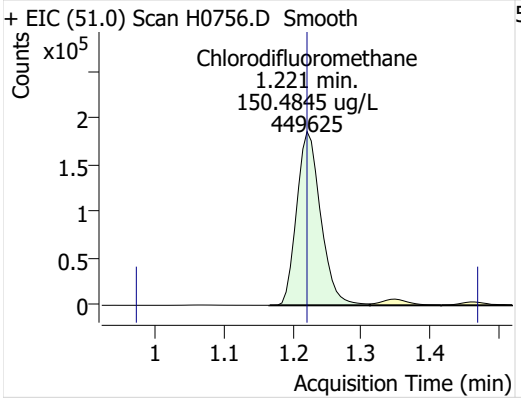
Dichlorodifluoromethane

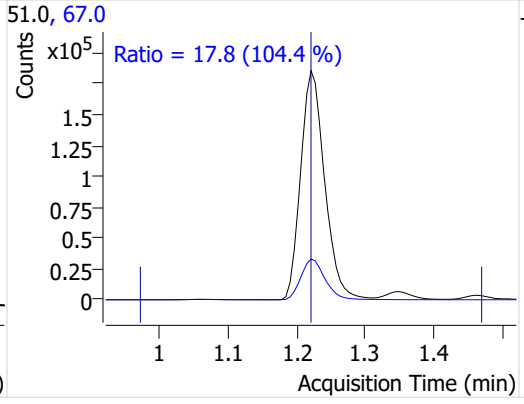


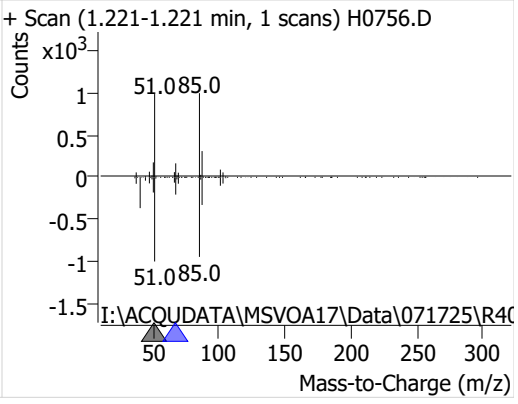




Chlorodifluoromethane

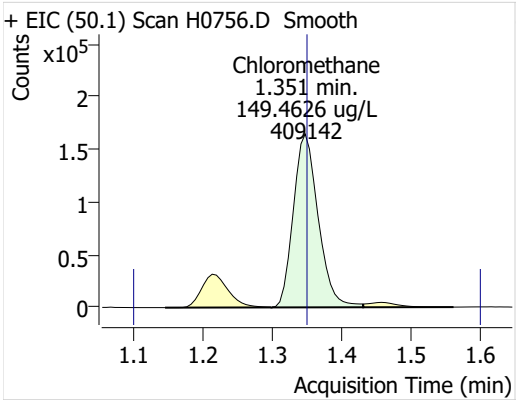


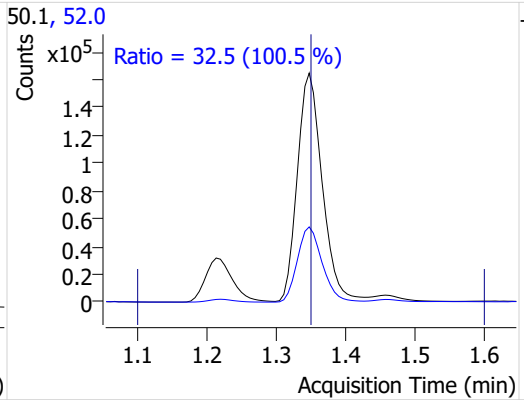


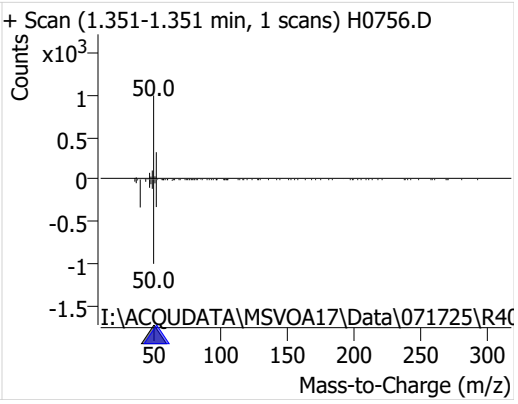


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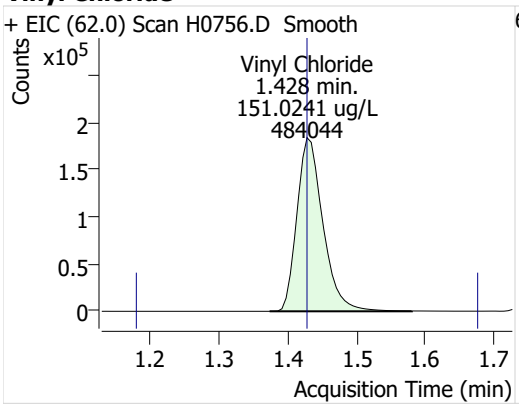
Chloromethane

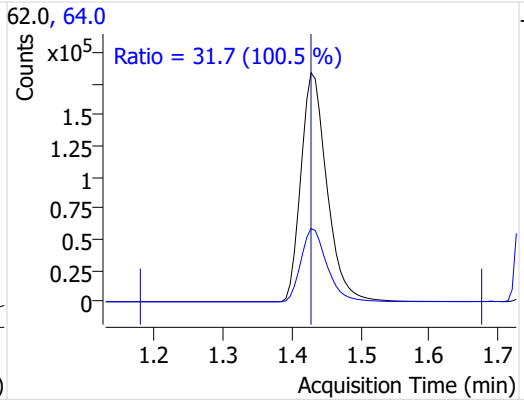


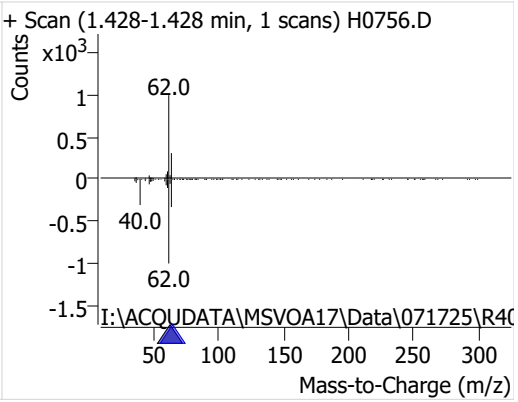




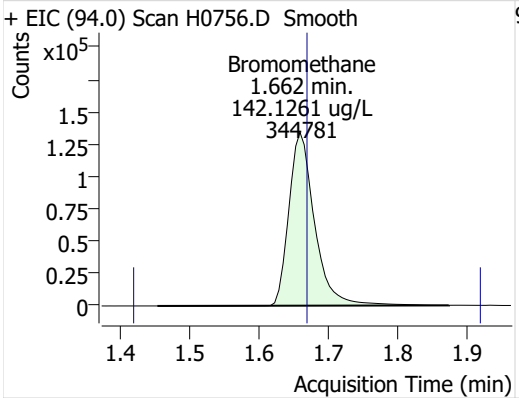
Vinyl Chloride

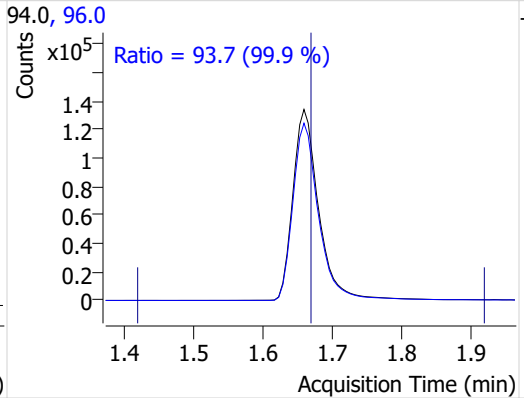


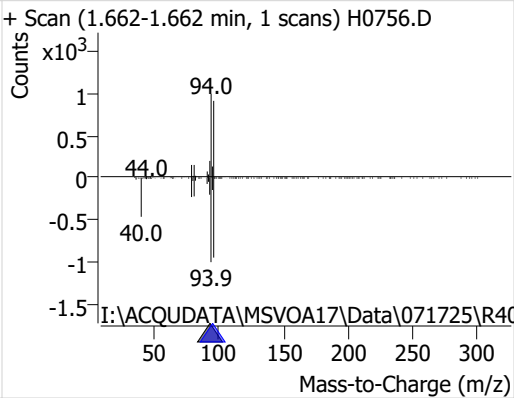




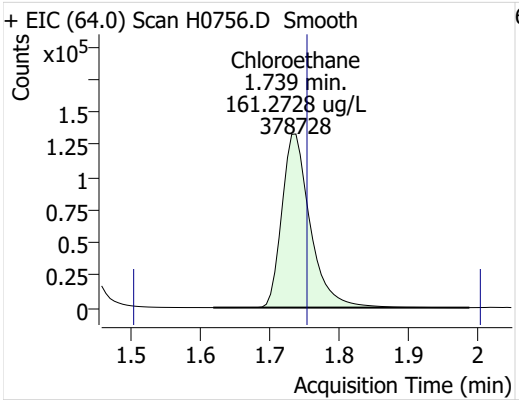
Bromomethane

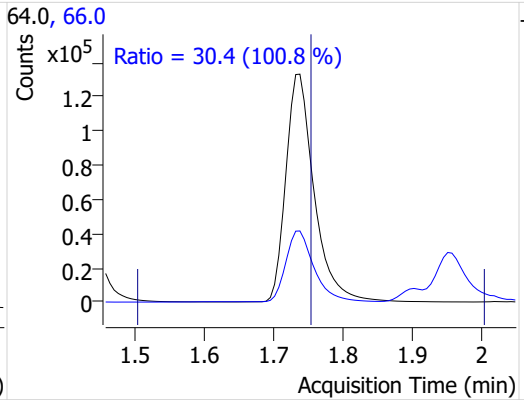


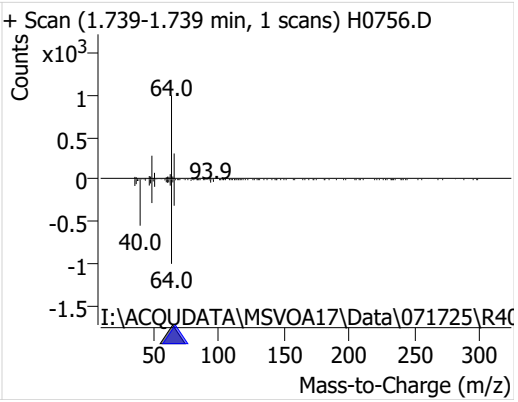




Chloroethane

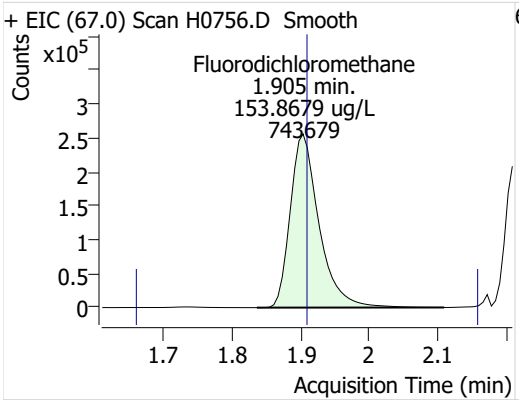


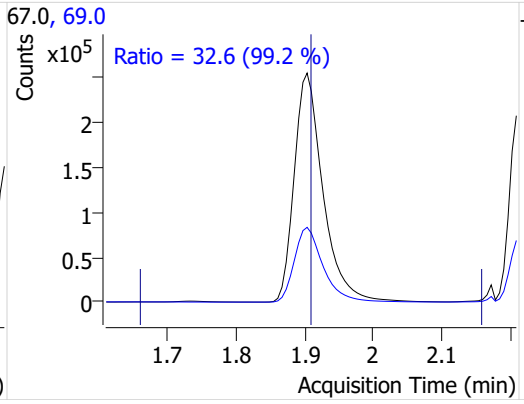


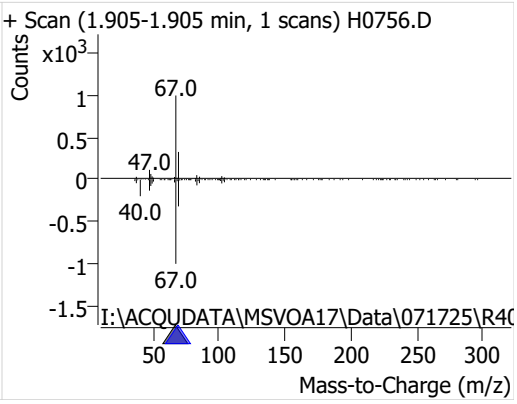


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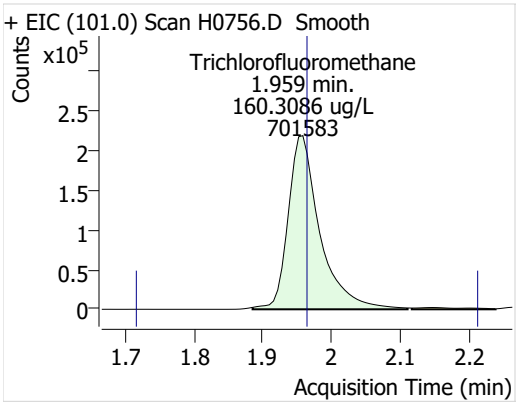
Fluorodichloromethane

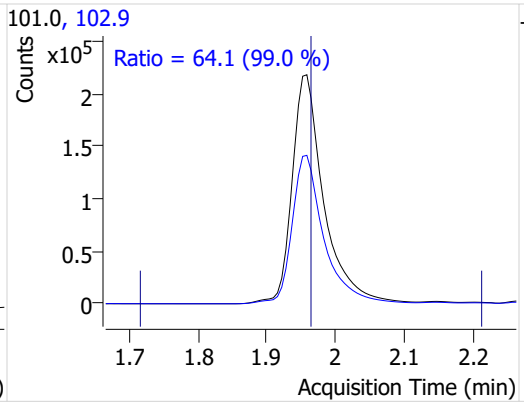


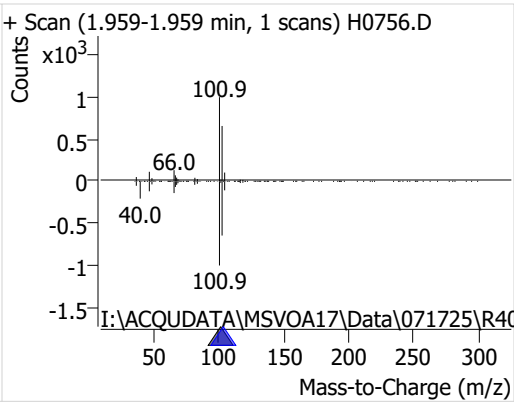




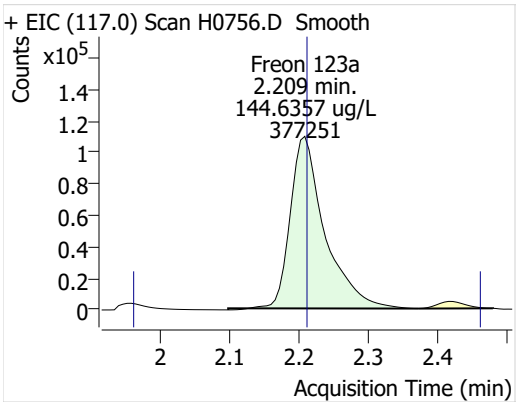
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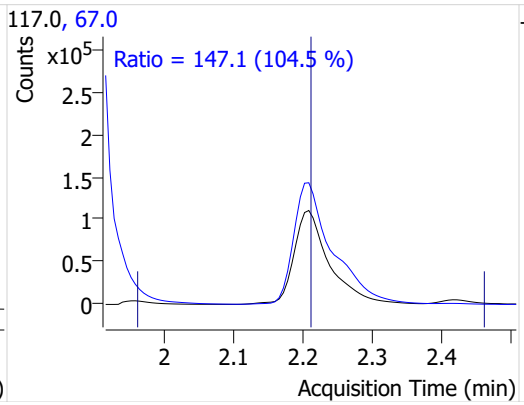


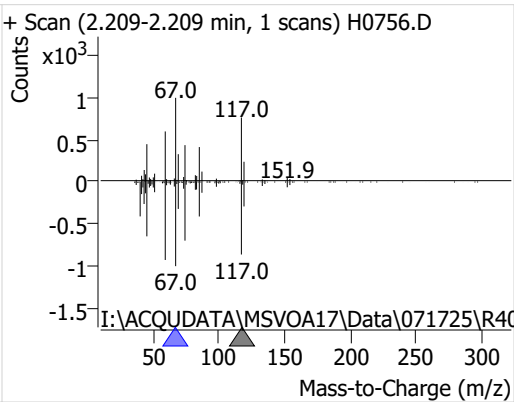




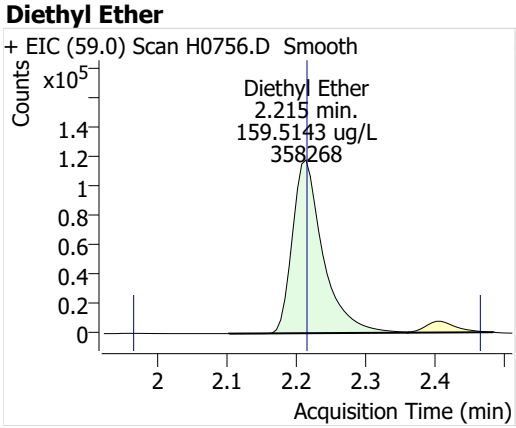
Freon 123a

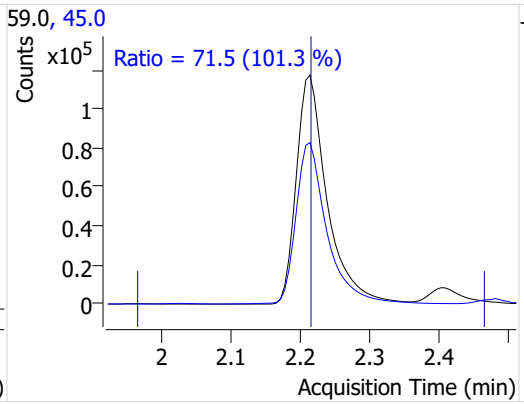


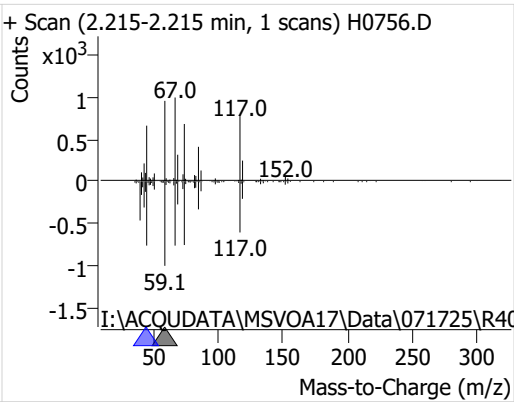




Diethyl Ether

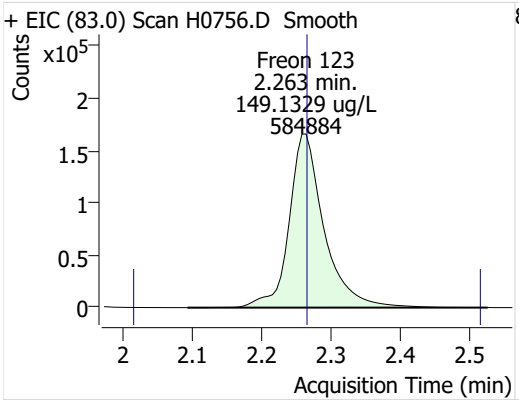


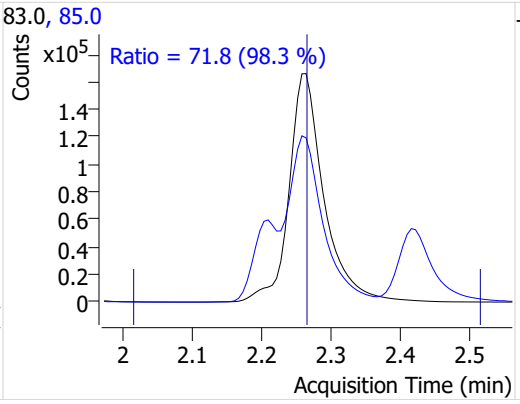


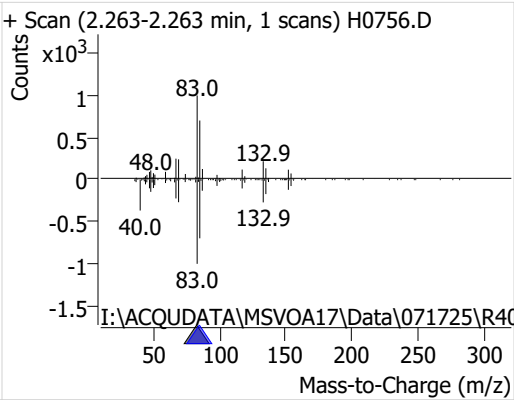


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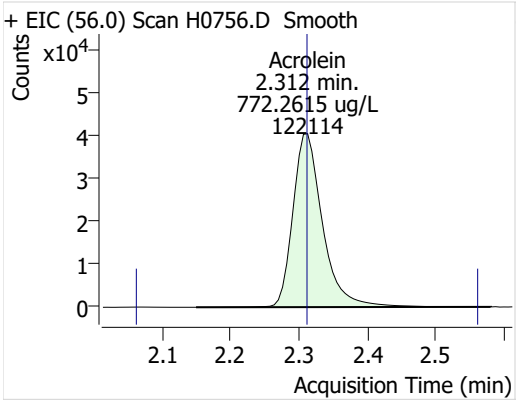
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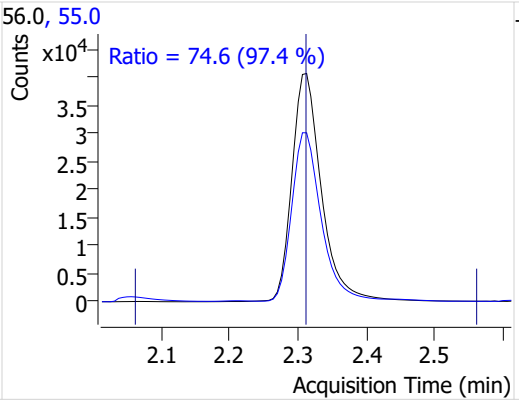


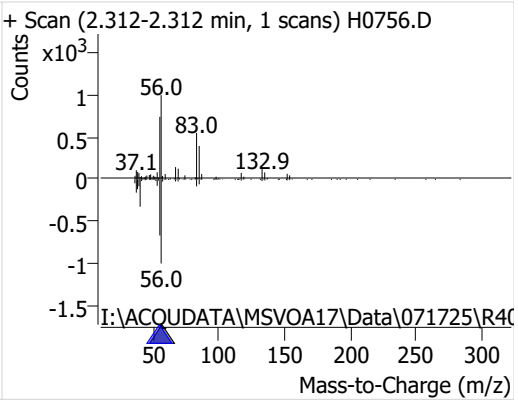




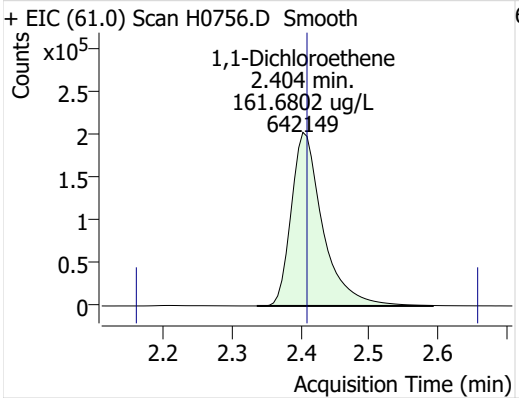
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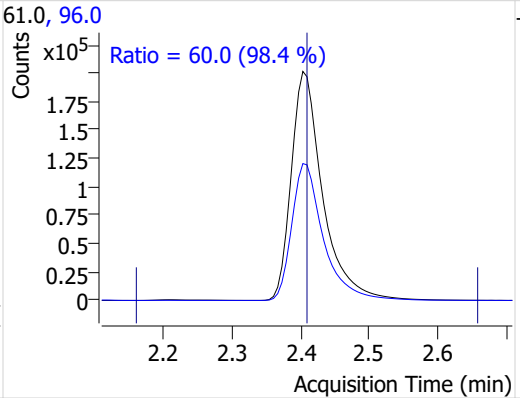


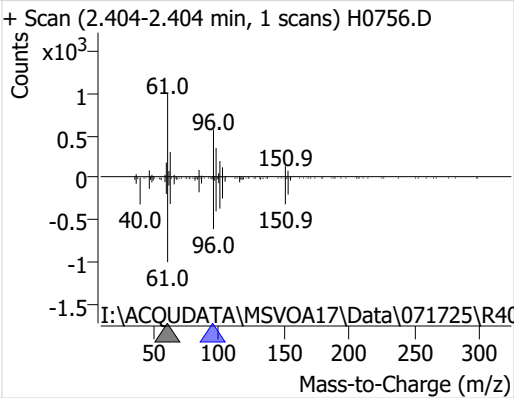




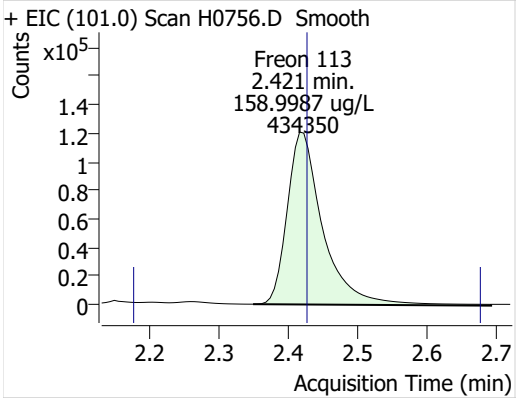
1,1-Dichloroethene

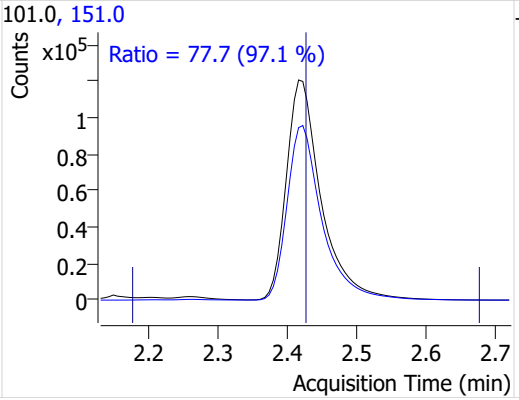


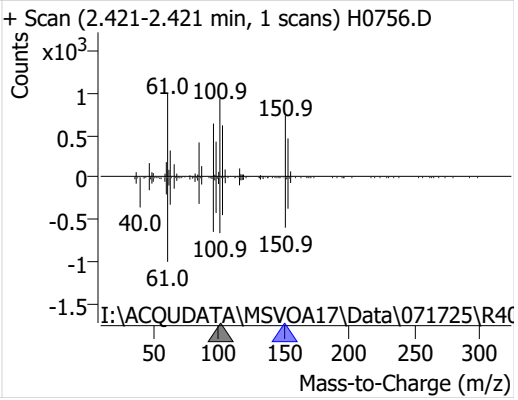




Freon 113

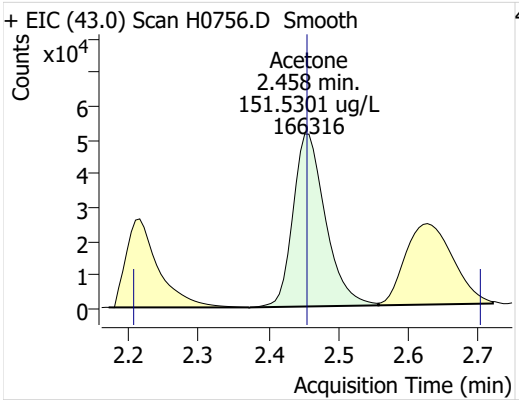


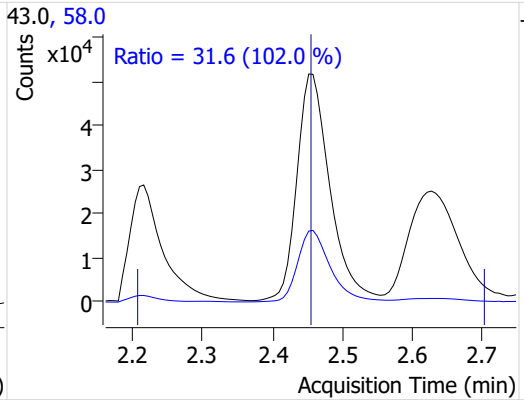


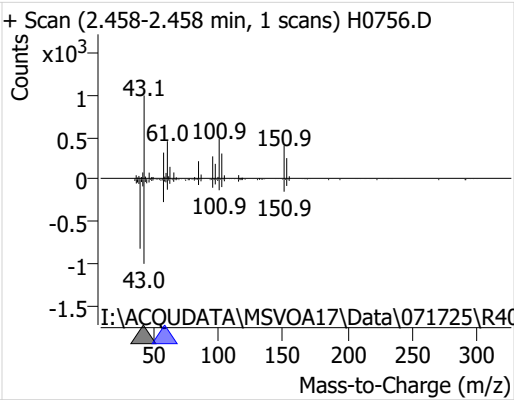


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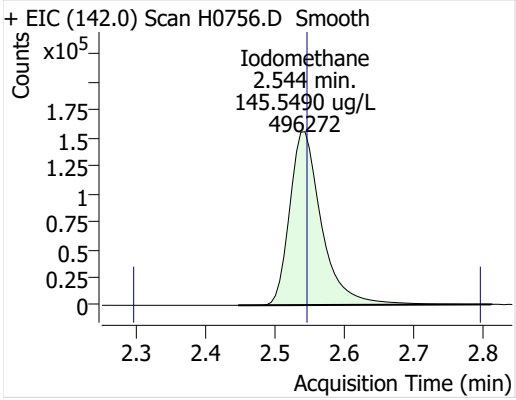
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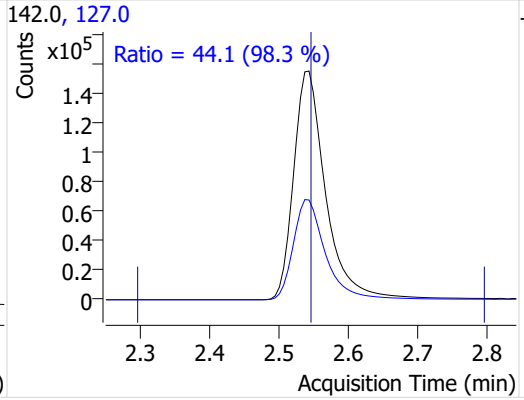


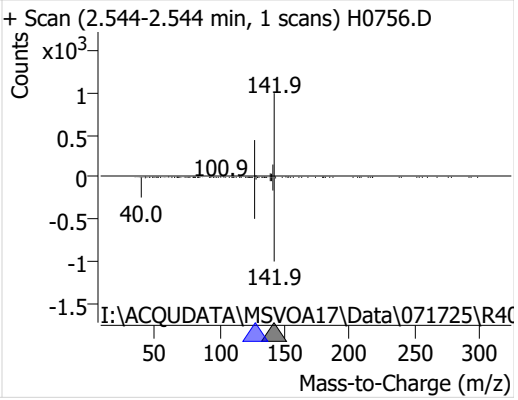




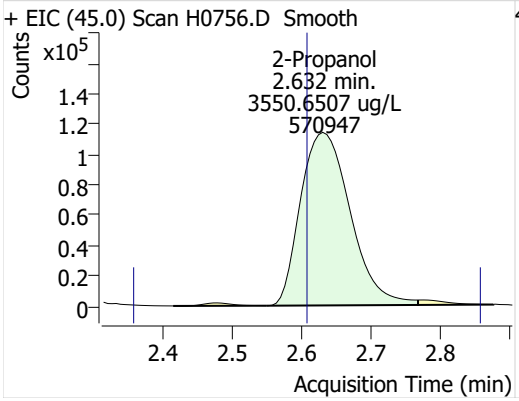
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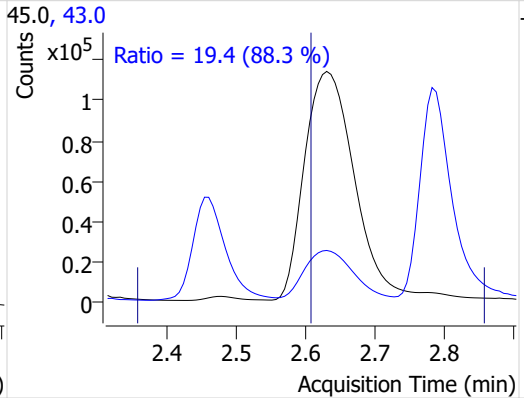


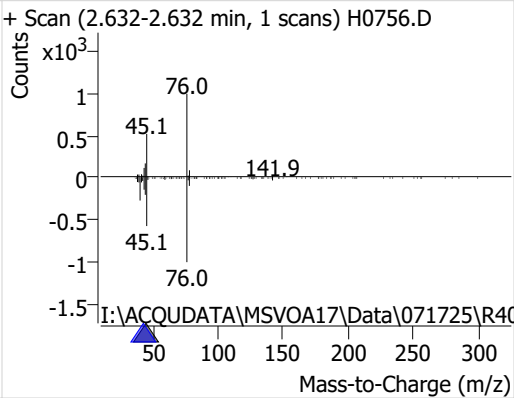




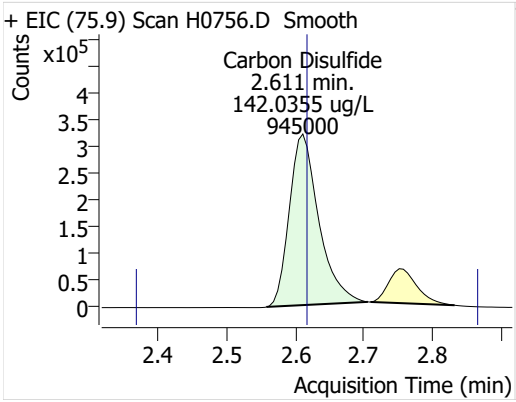
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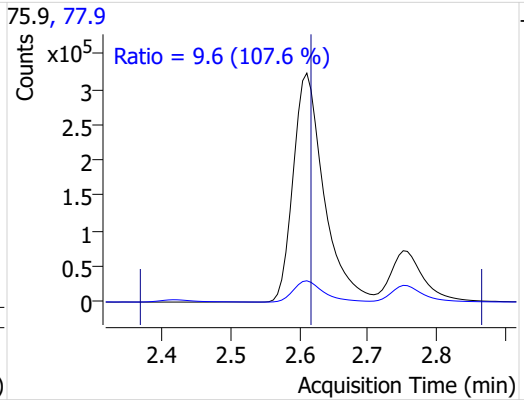


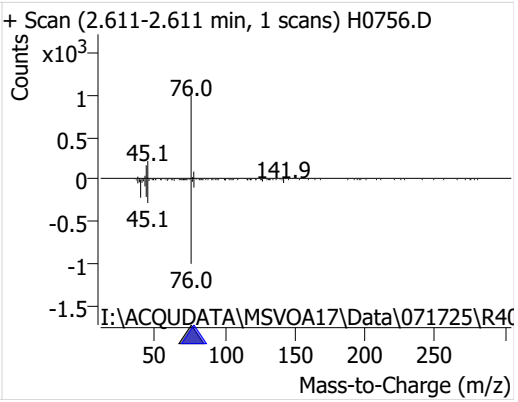




Carbon Disulfide

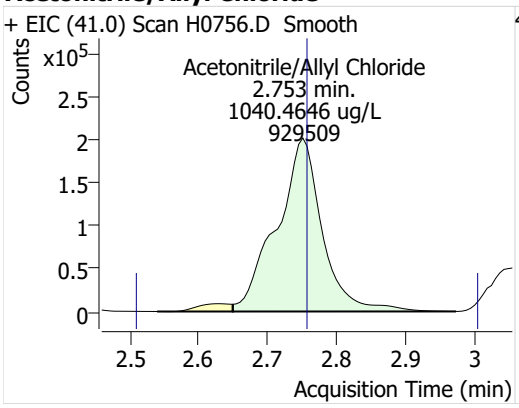


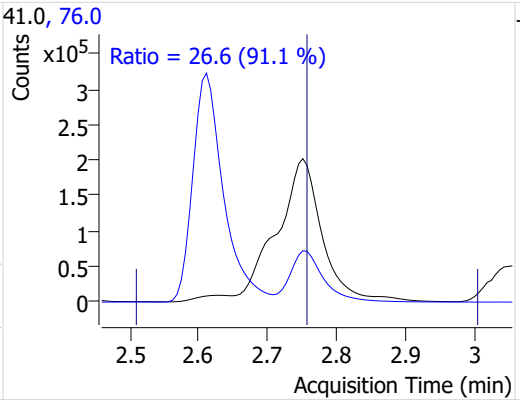


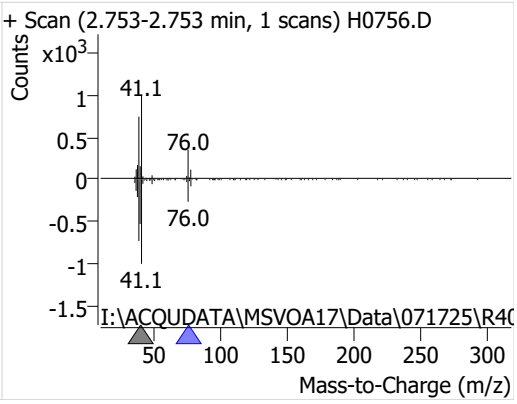


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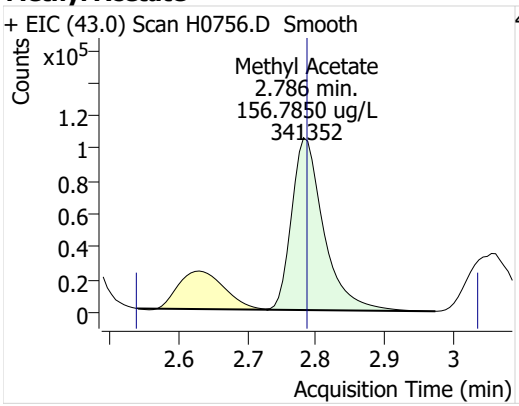
Acetonitrile/Allyl Chloride

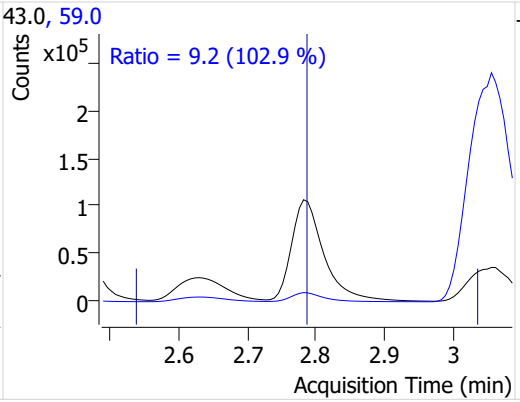


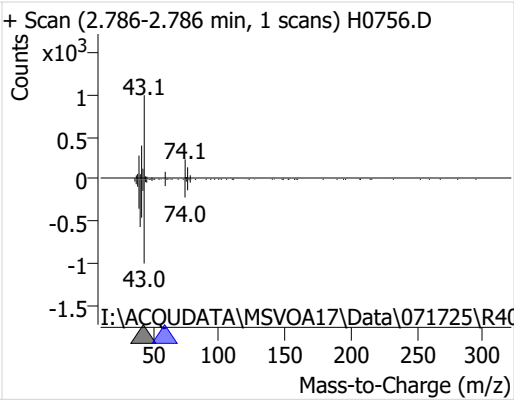




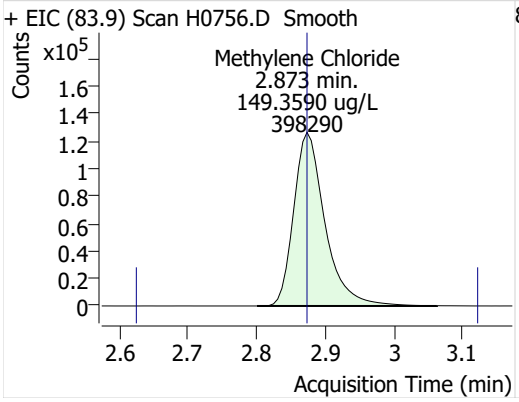
Methyl Acetate

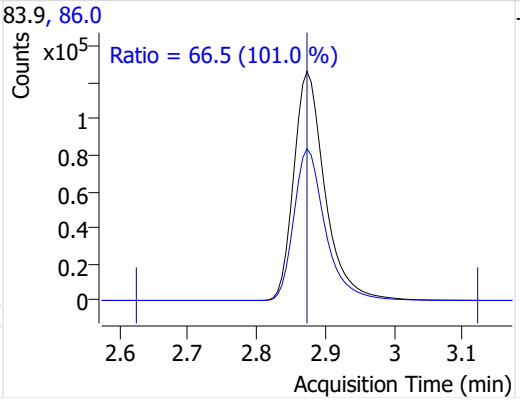


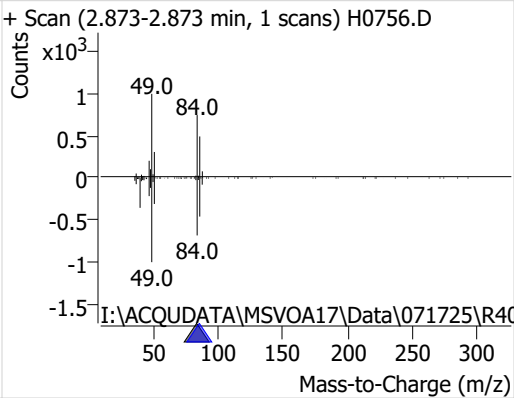




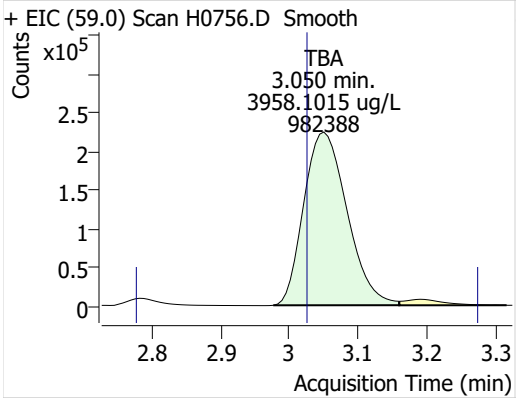
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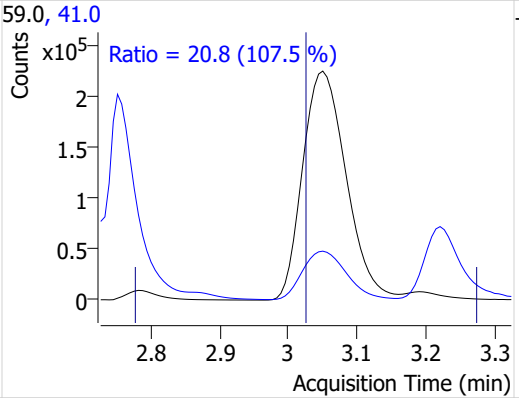


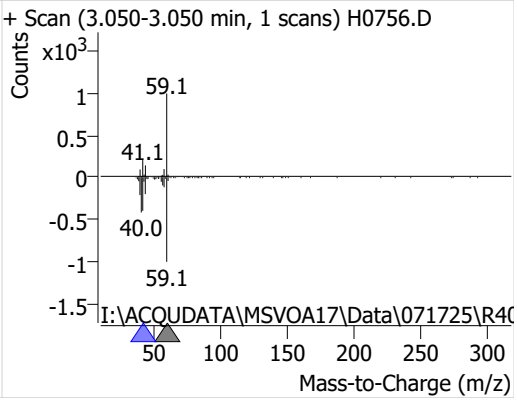




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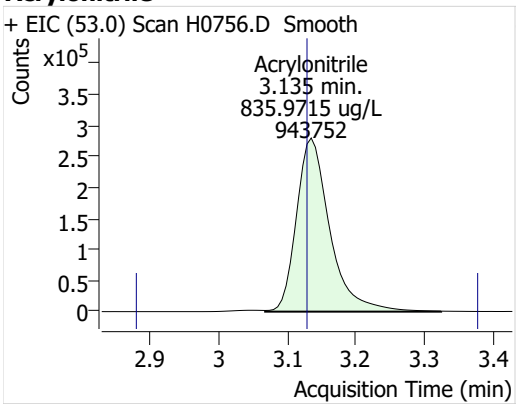


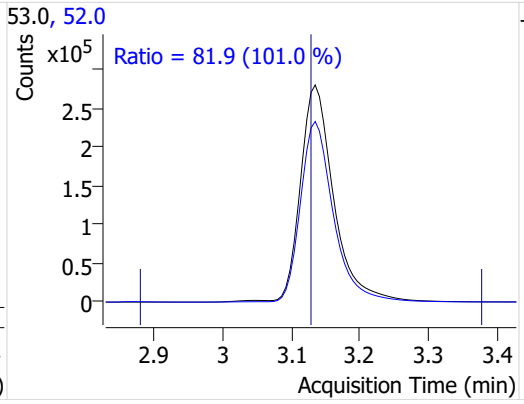


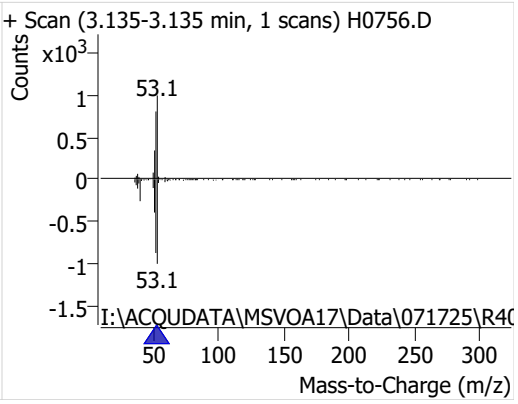


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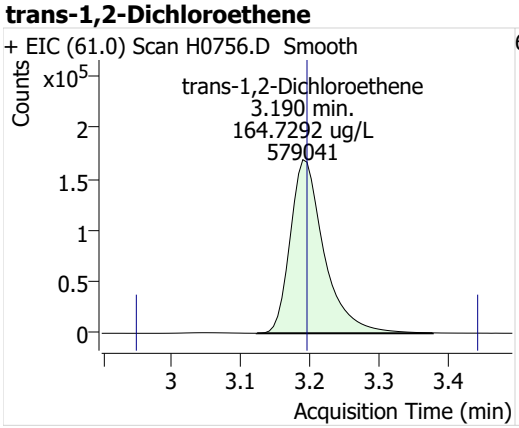
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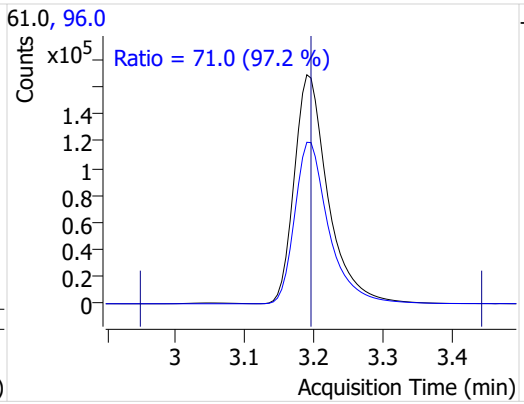


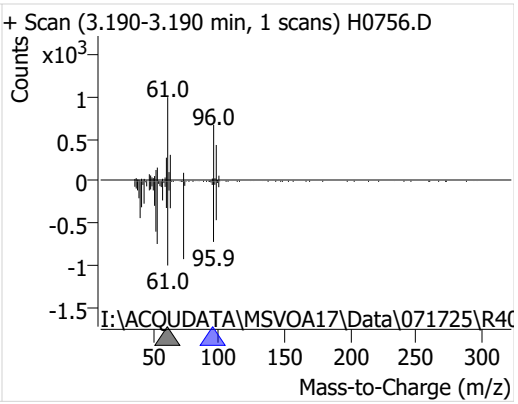




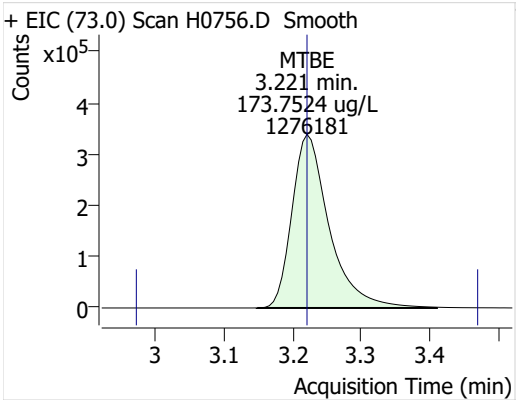
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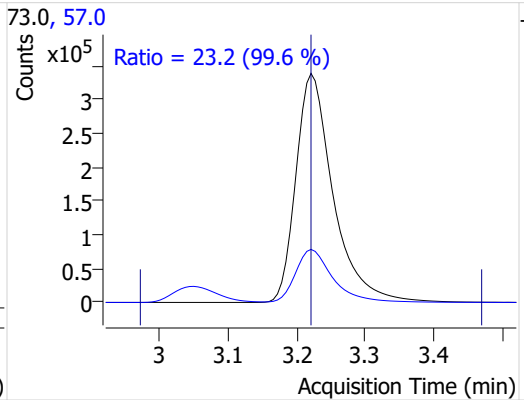


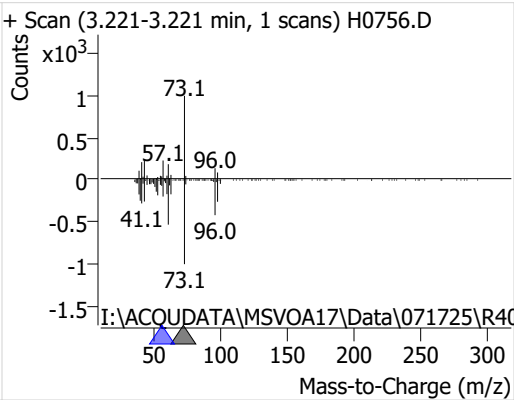




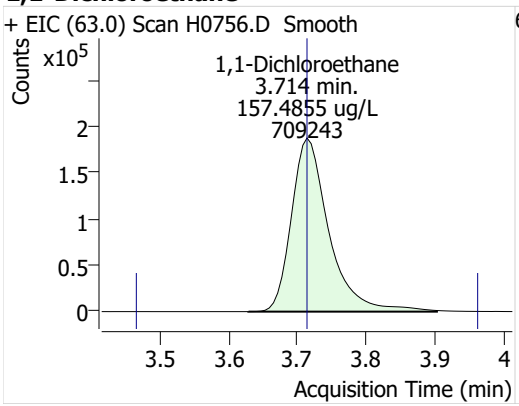
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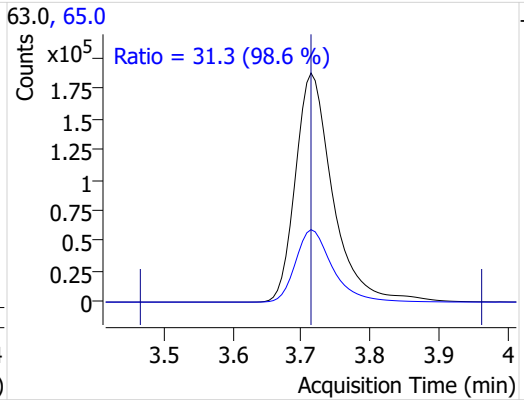


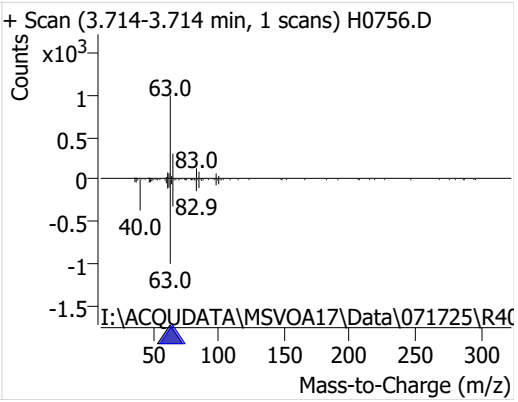




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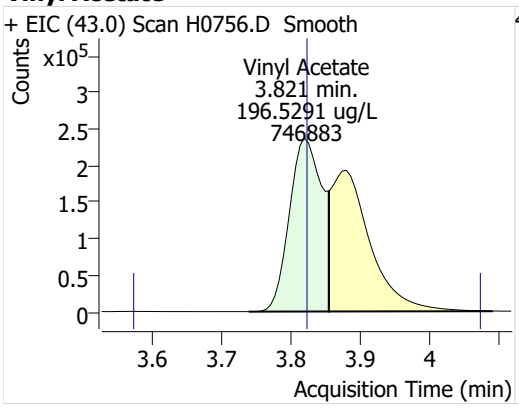


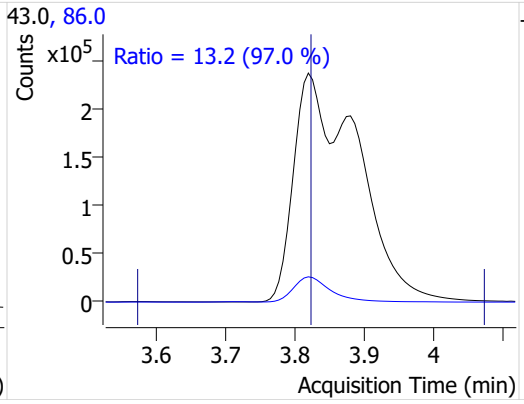


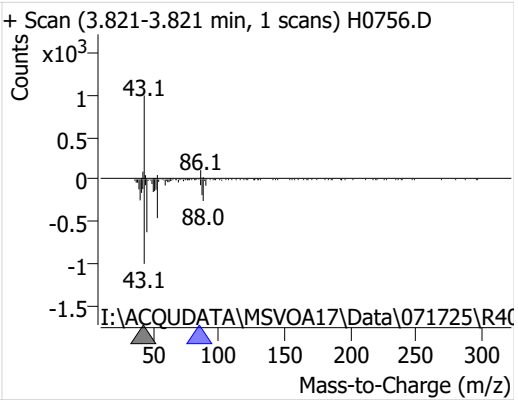


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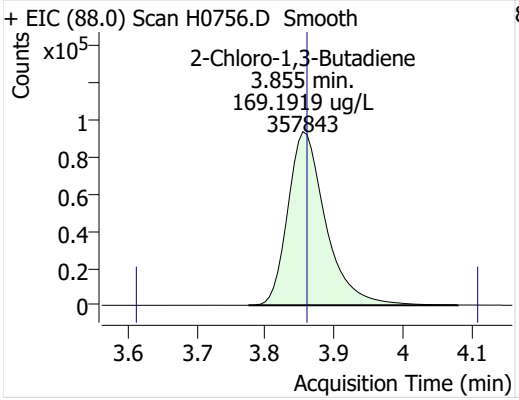
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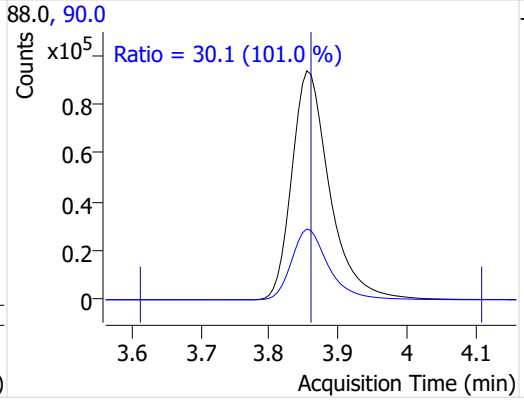


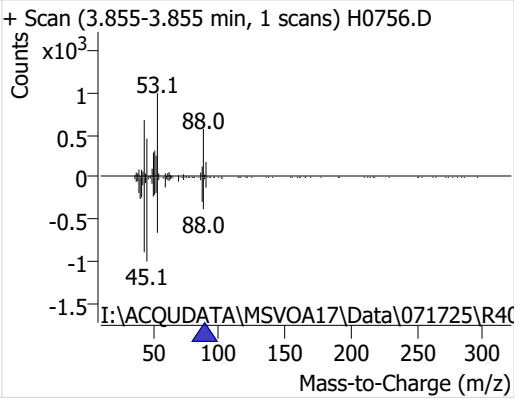




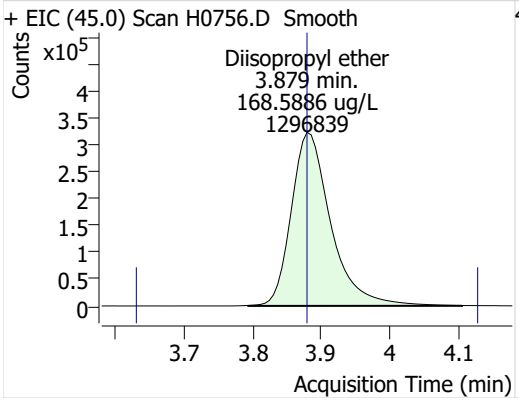
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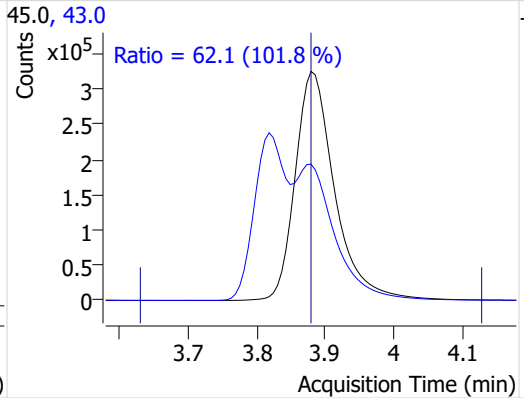


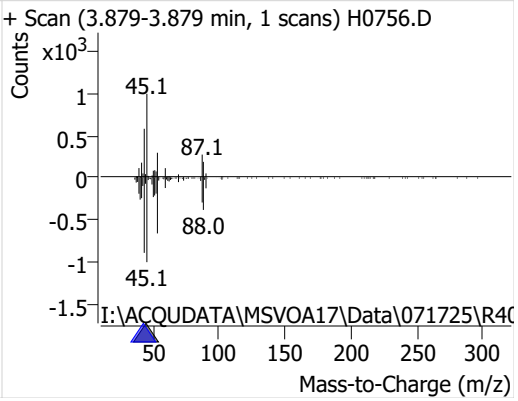




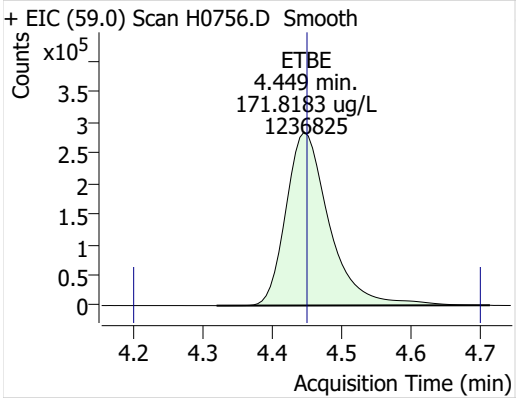
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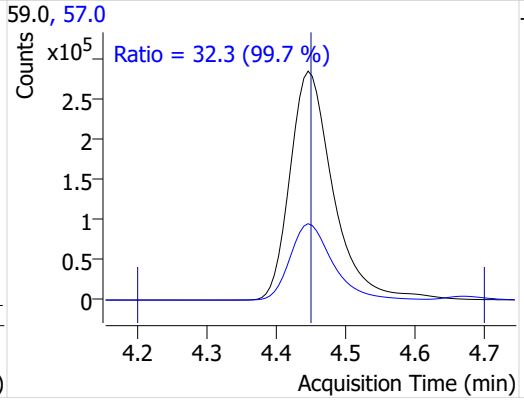


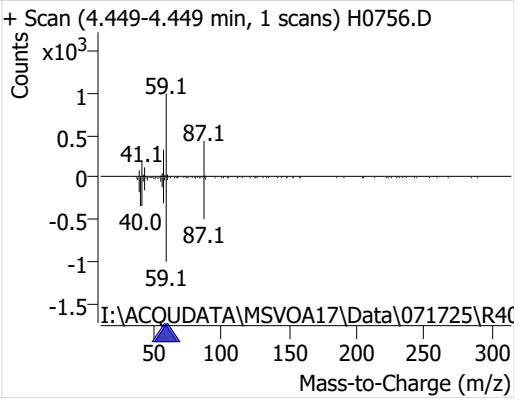




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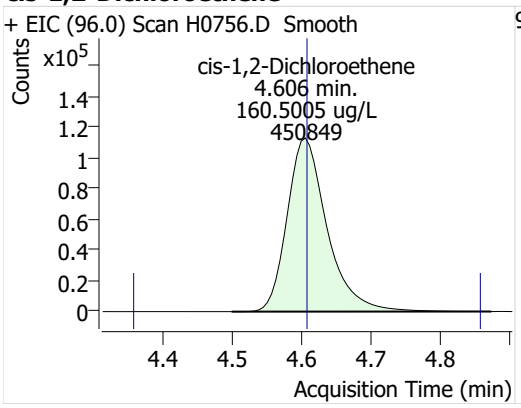


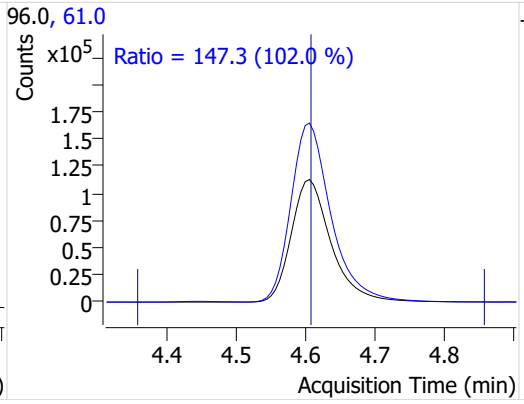


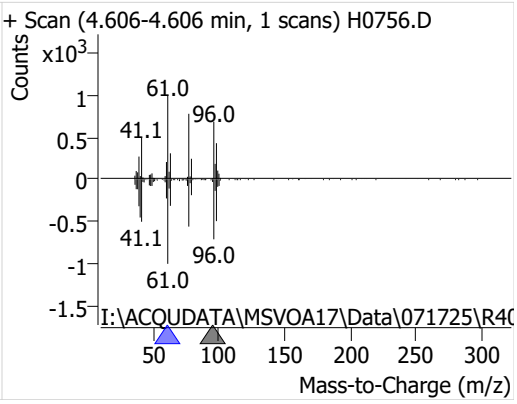


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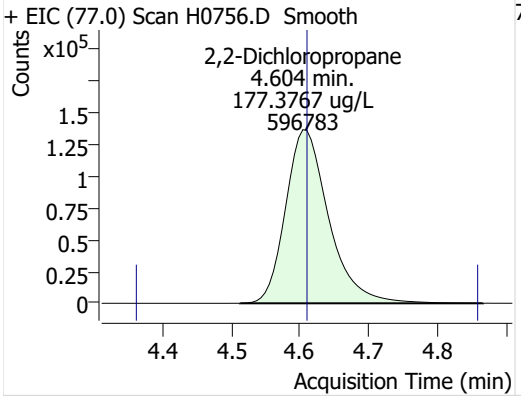
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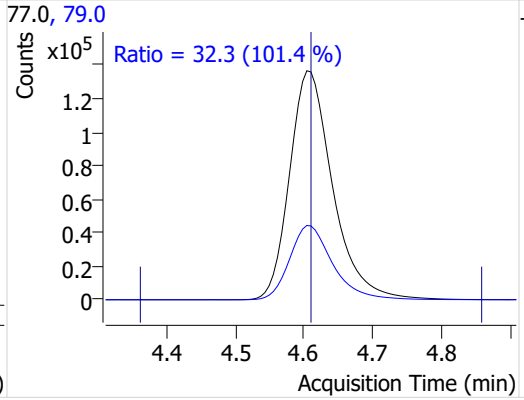


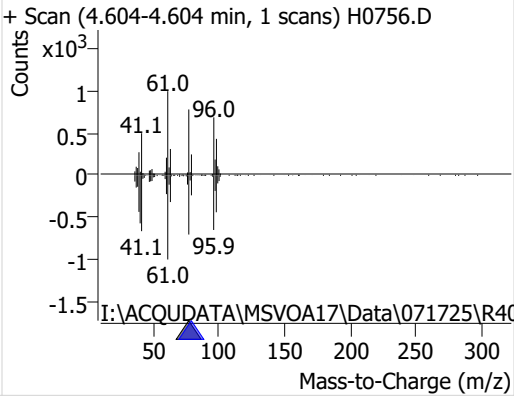




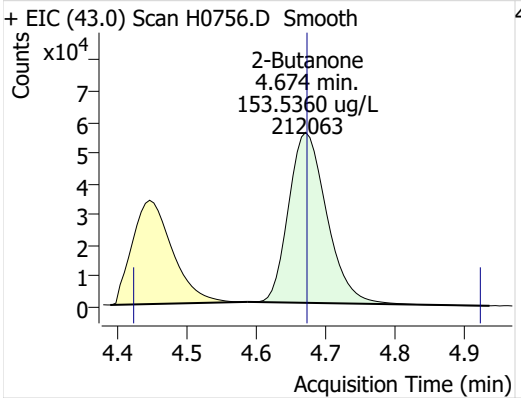
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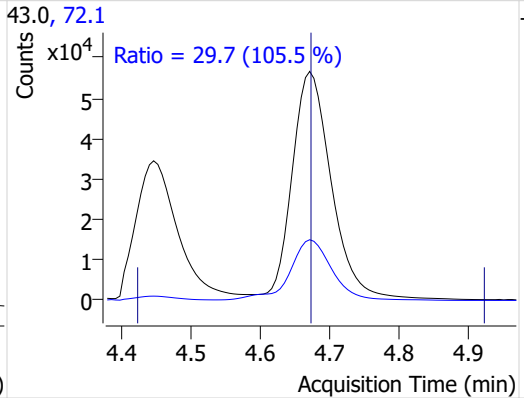


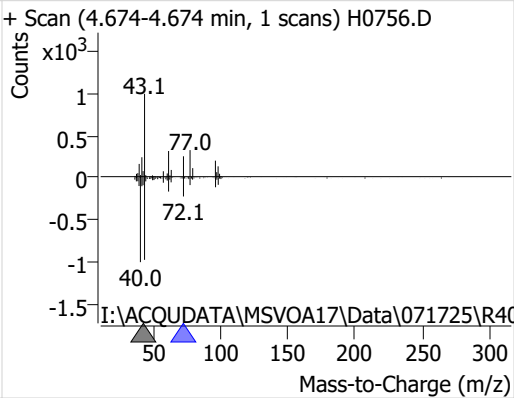




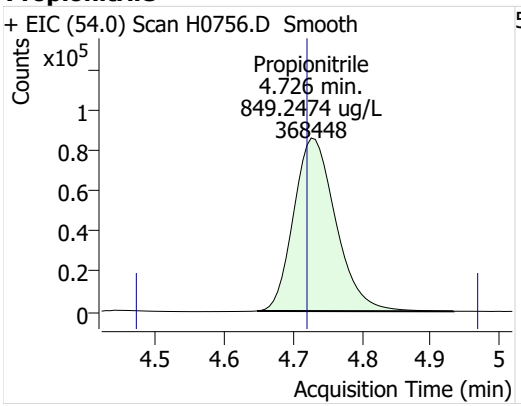
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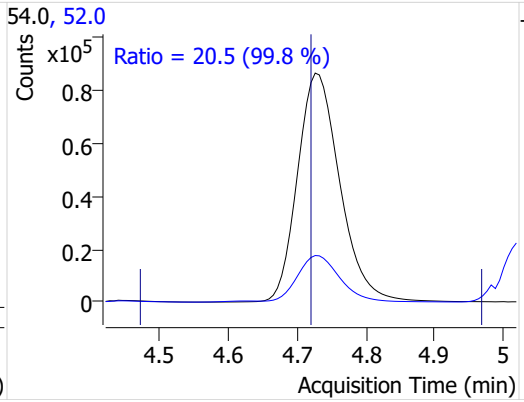


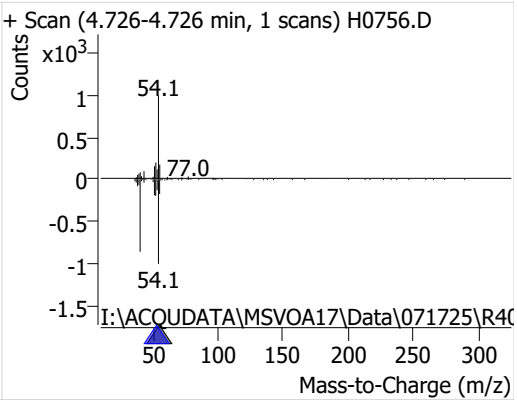




Propionitrile

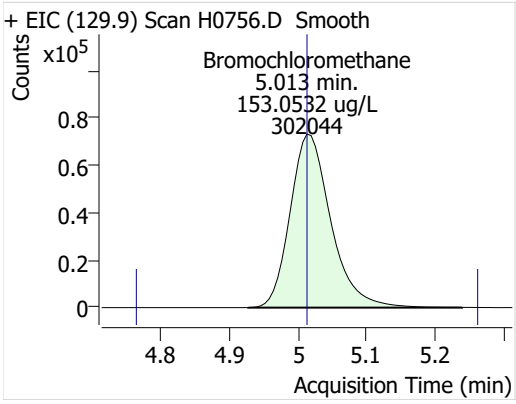


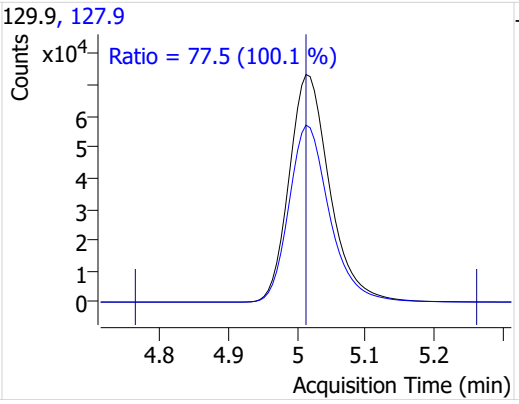


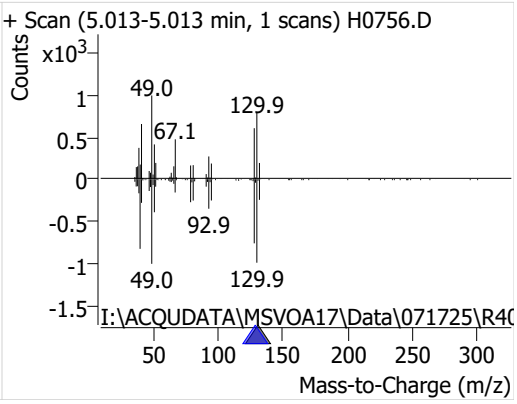


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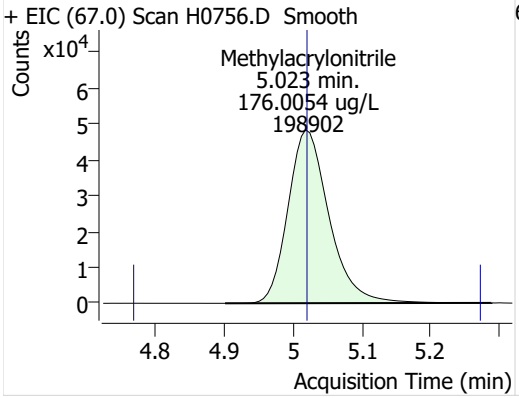
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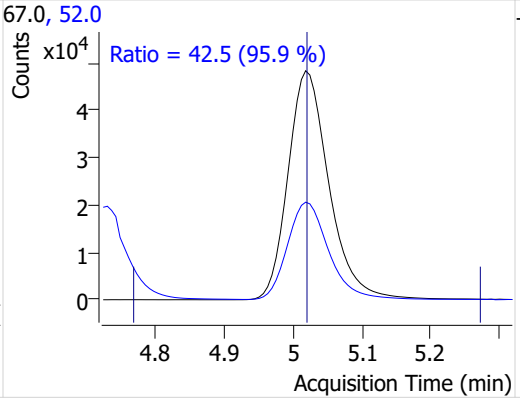


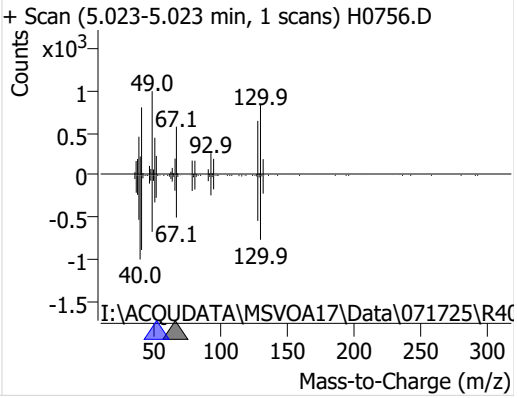




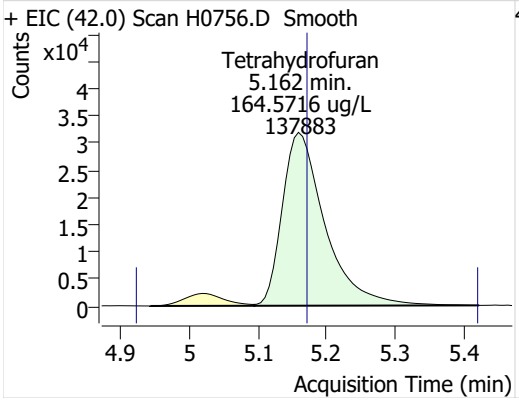
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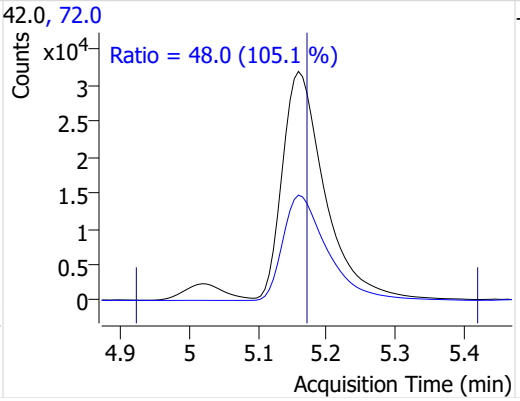


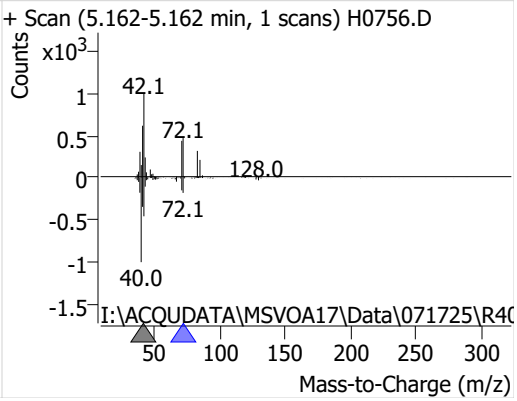




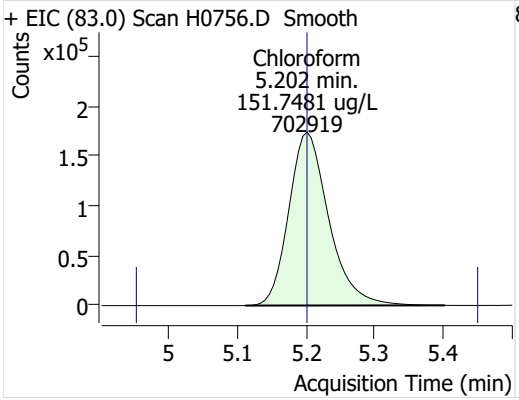
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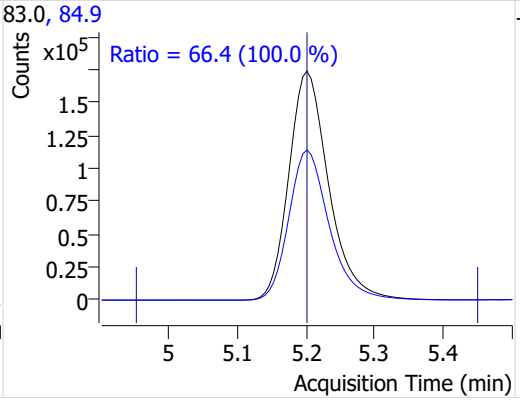


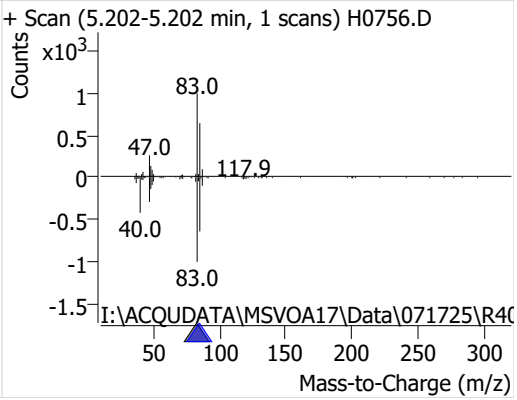




Chloroform

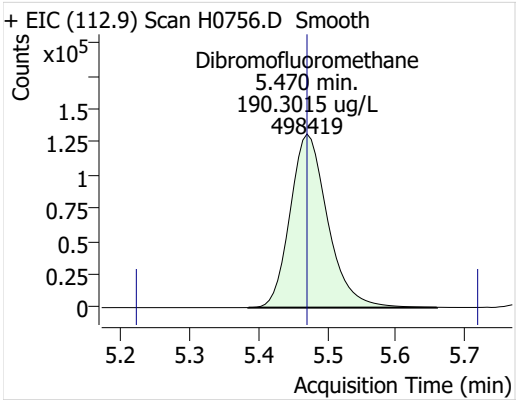


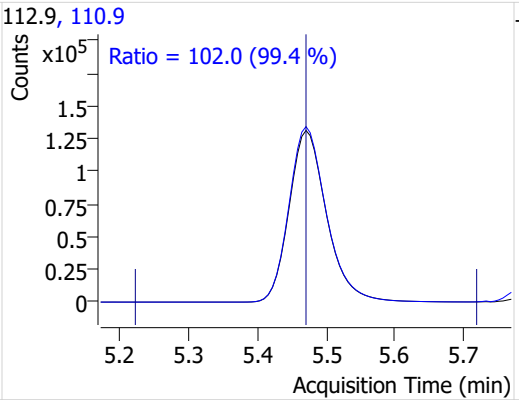


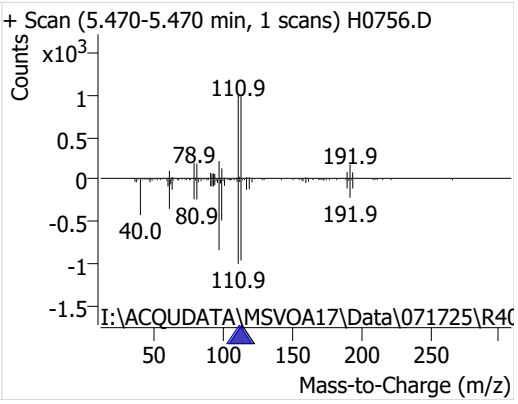


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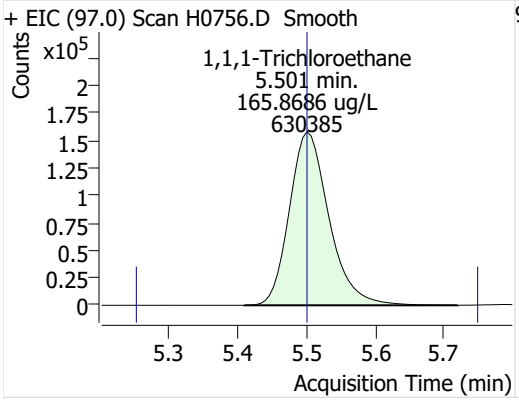
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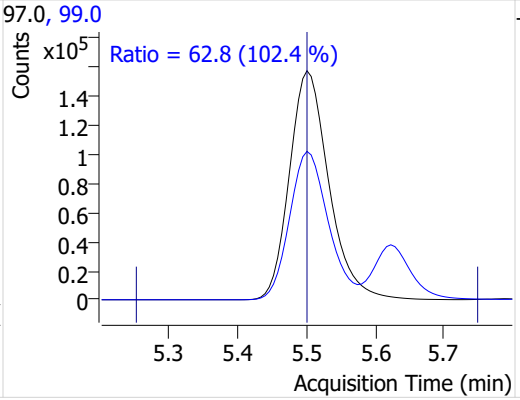


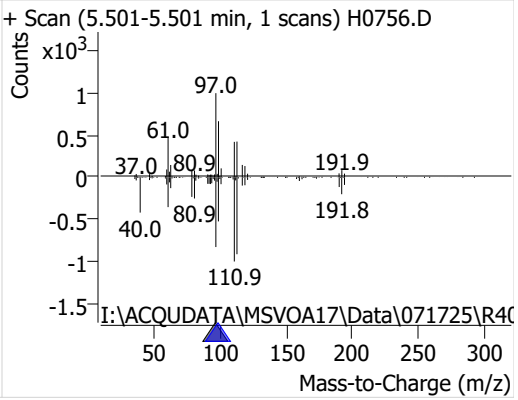




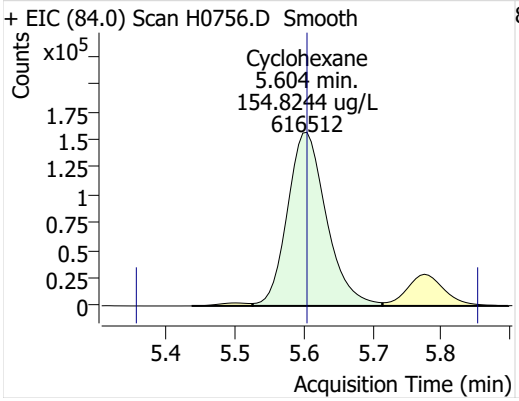
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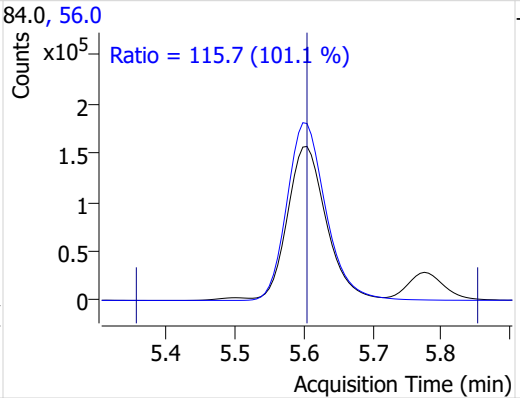


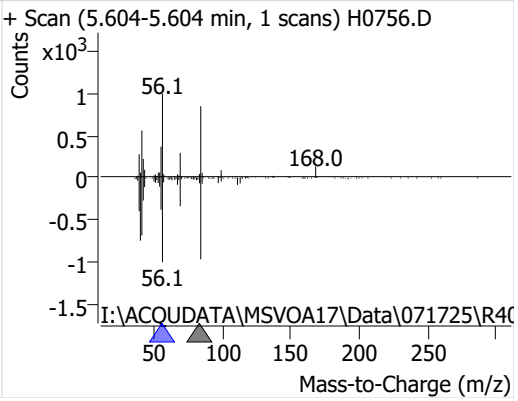




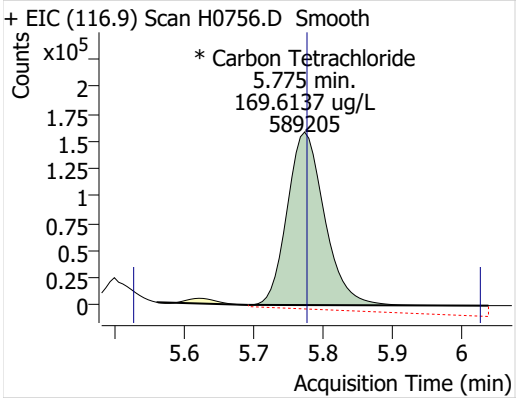
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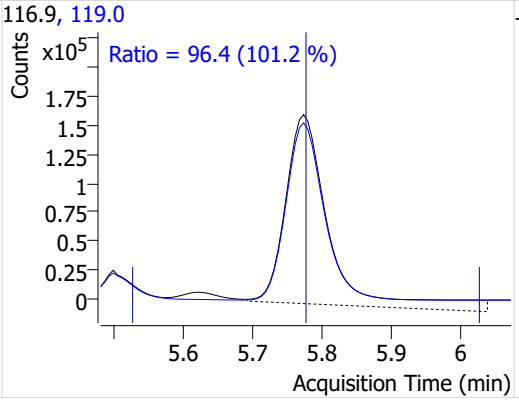


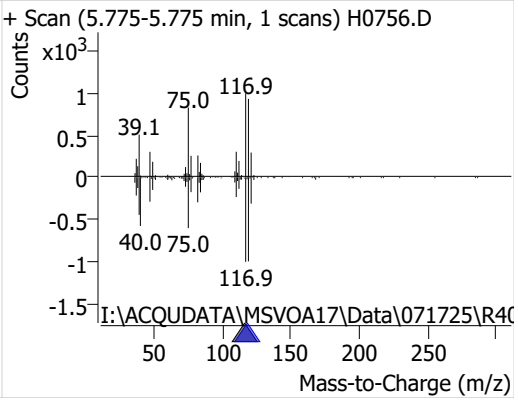




Carbon Tetrachloride

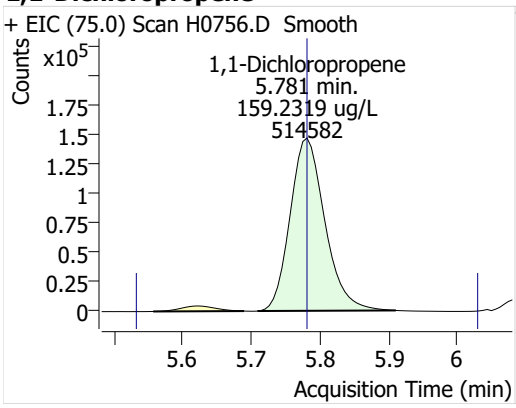


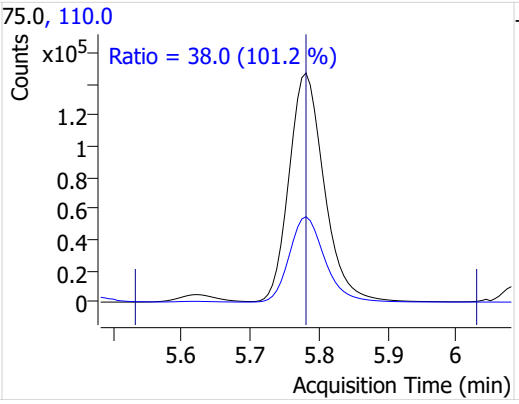


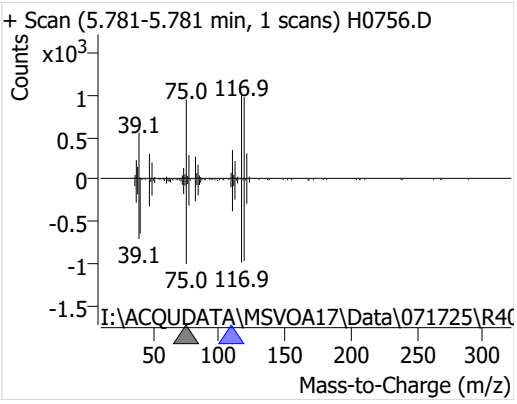


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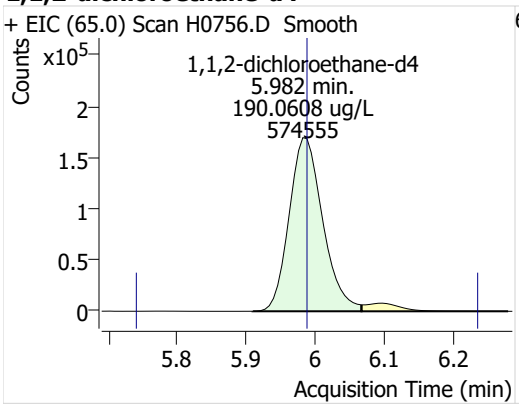
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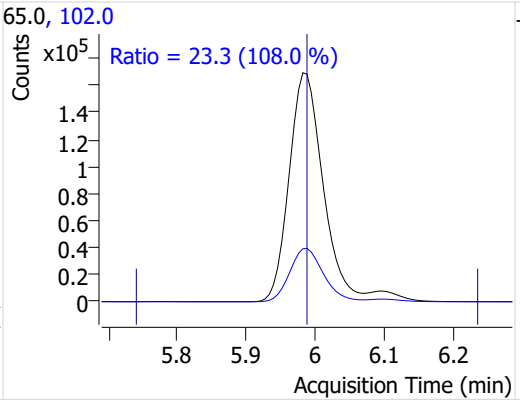


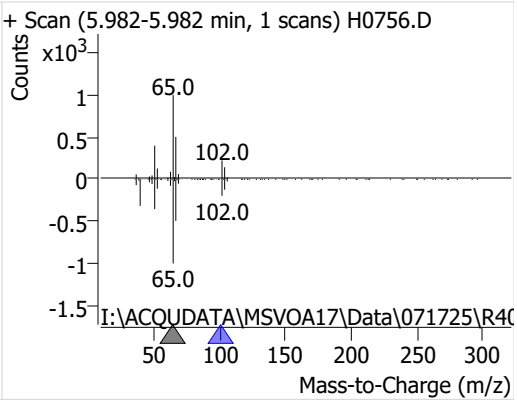




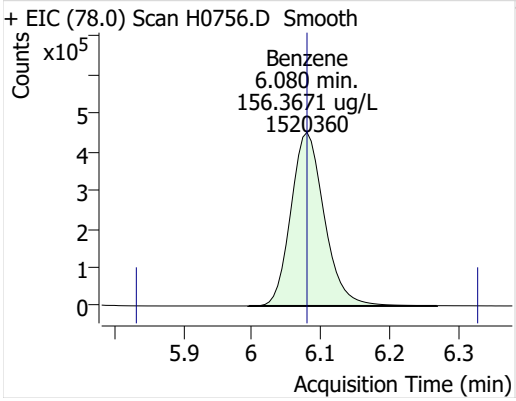
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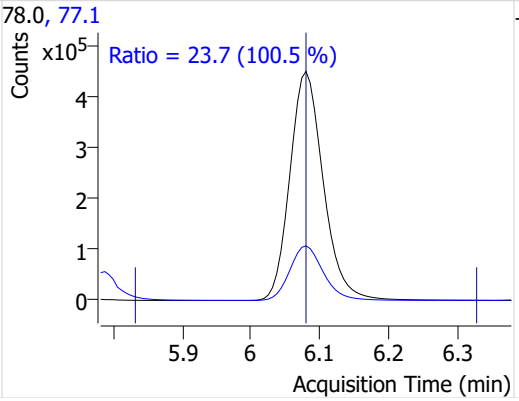


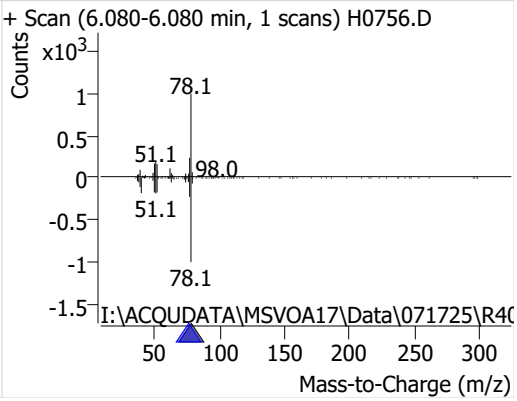




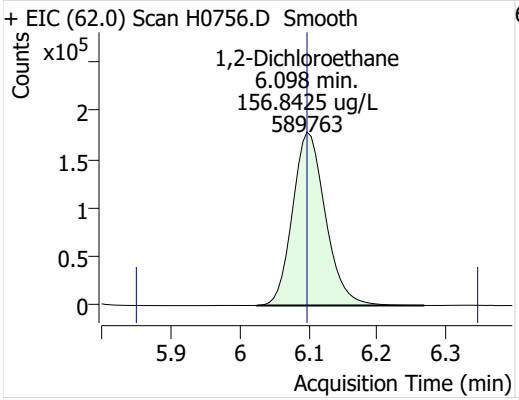
Benzene

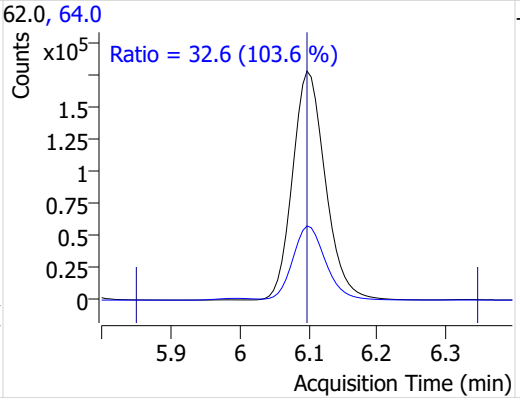


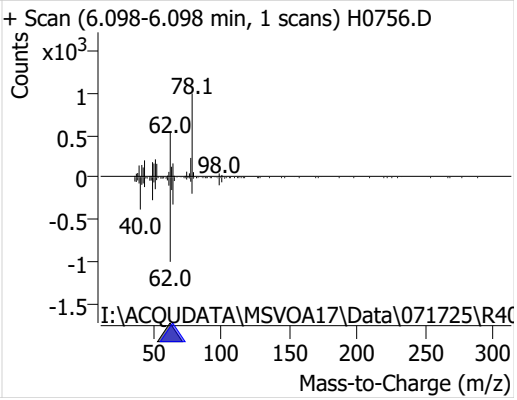




1,2-Dichloroethane

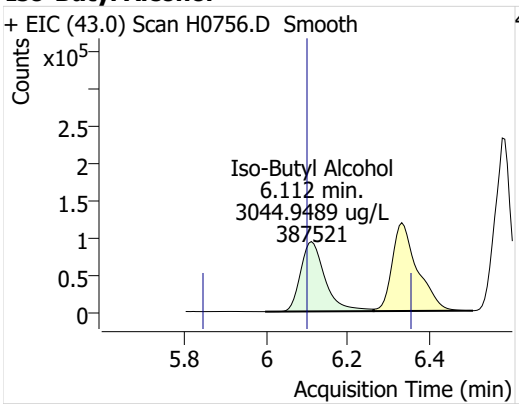


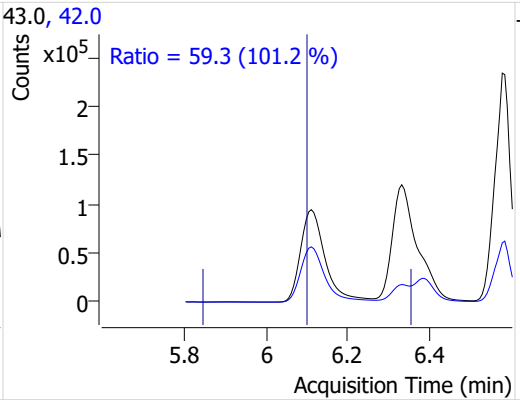


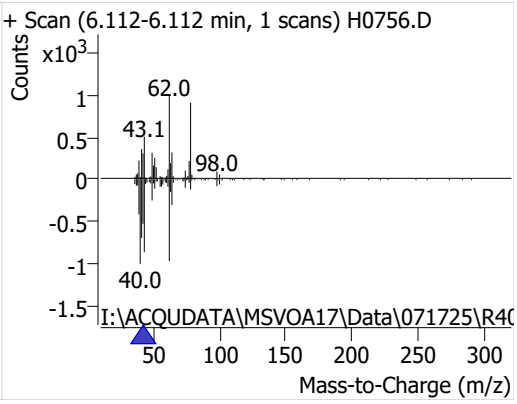


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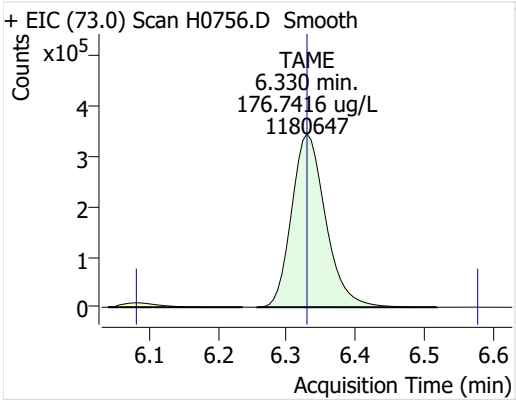
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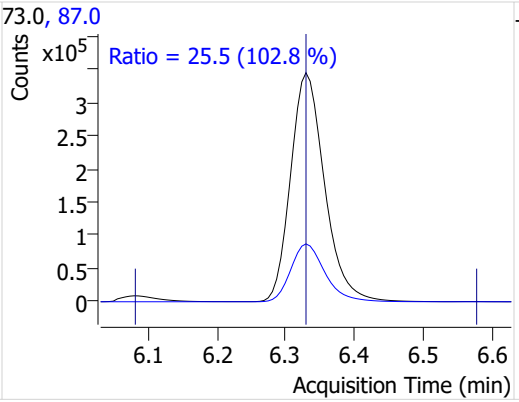


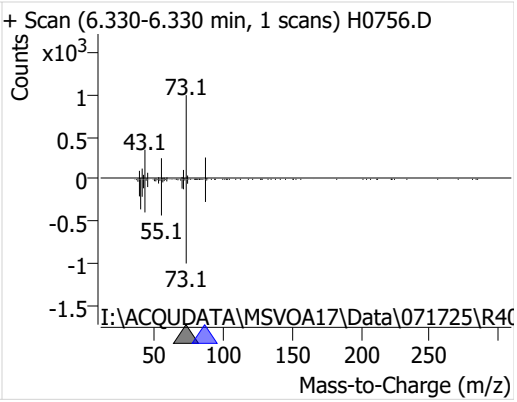




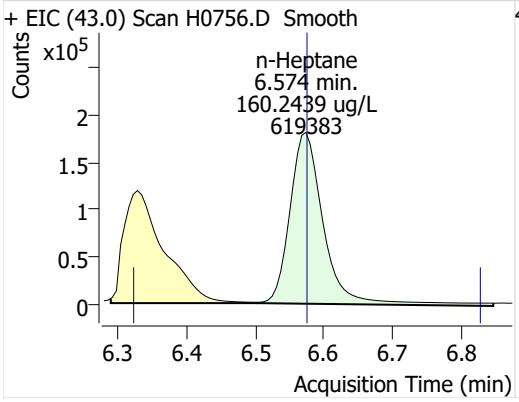
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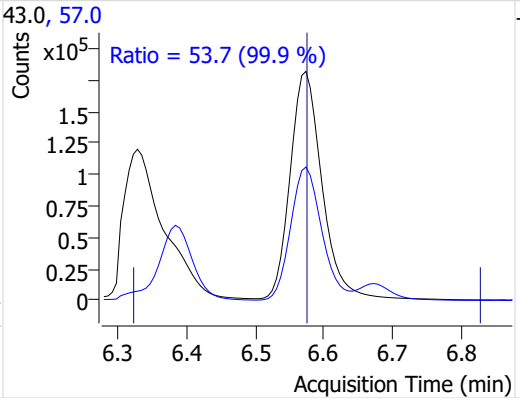


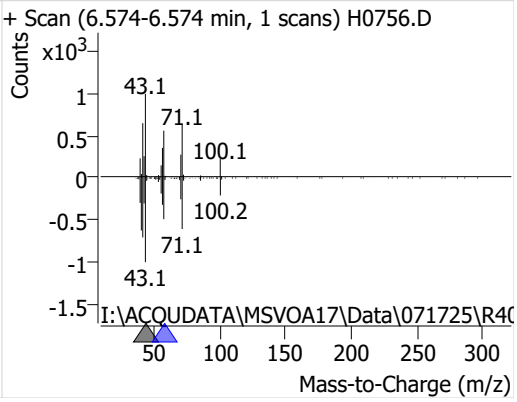




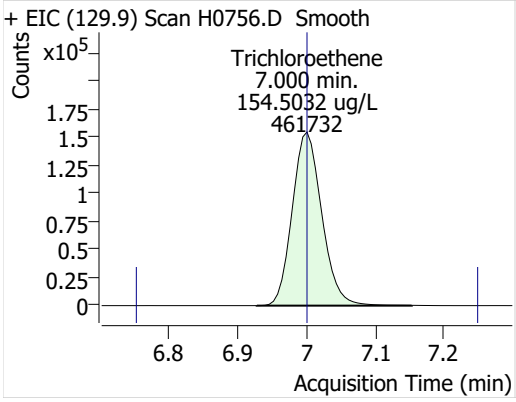
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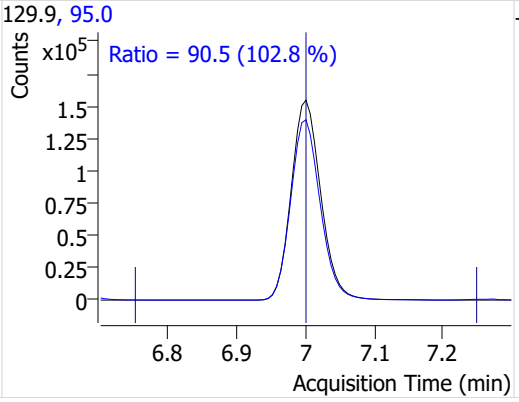


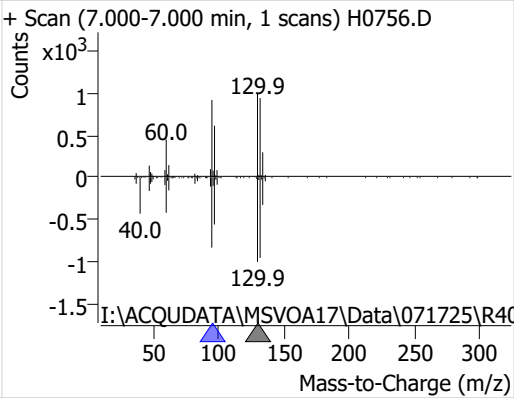




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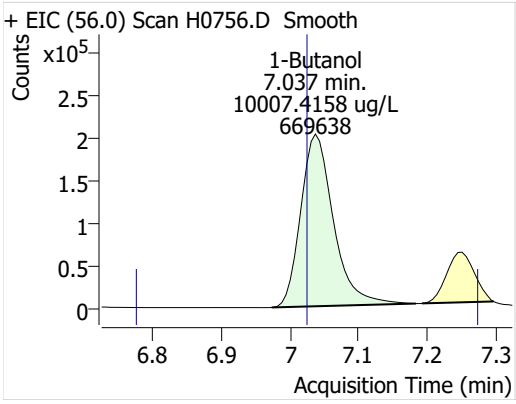


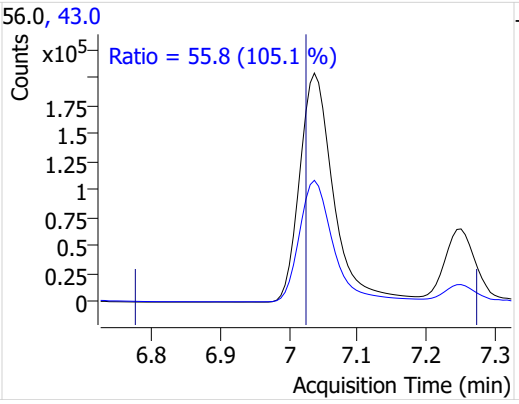


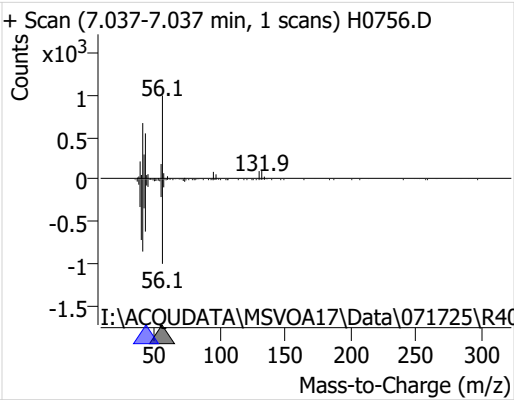


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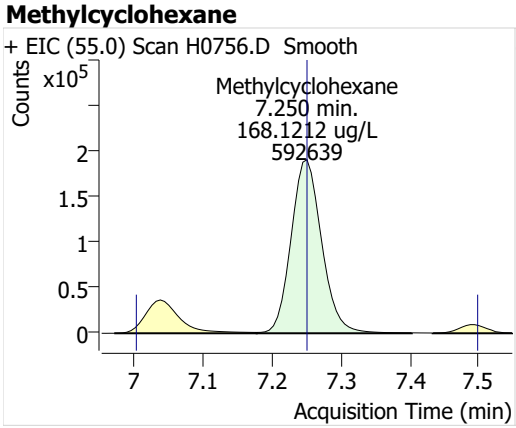
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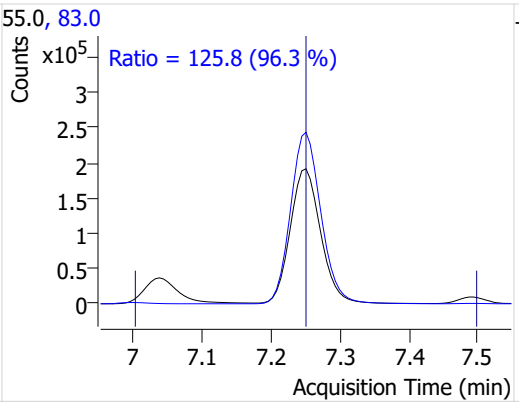


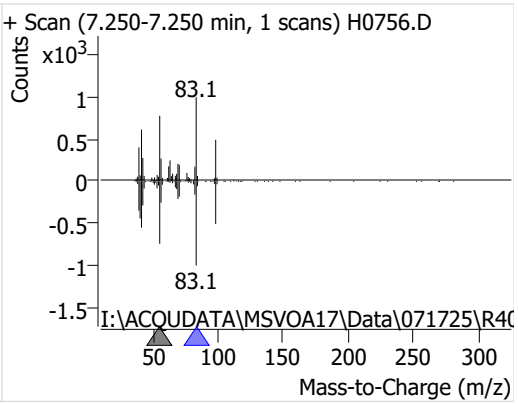




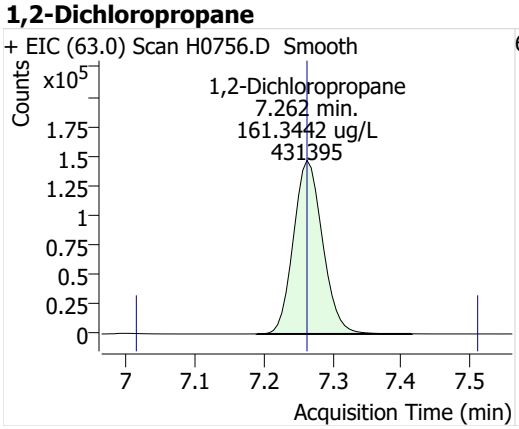
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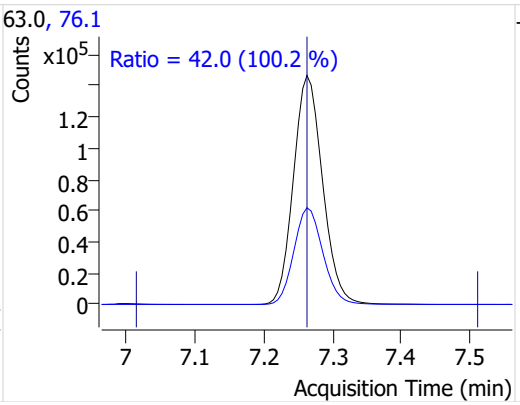


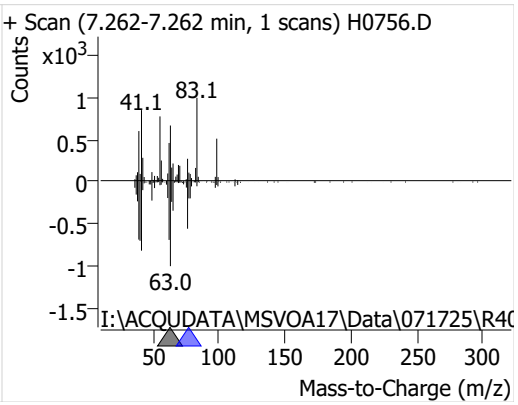




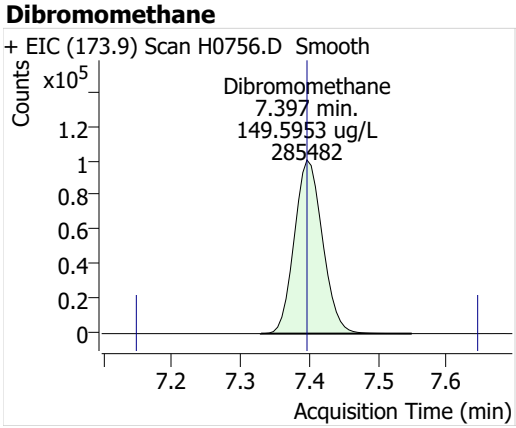
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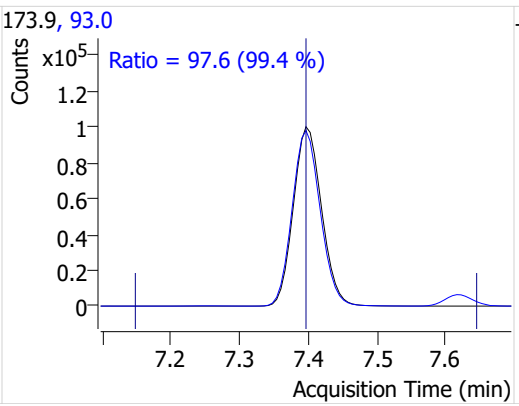


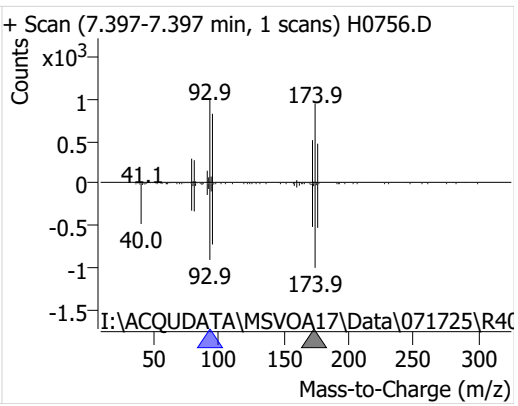




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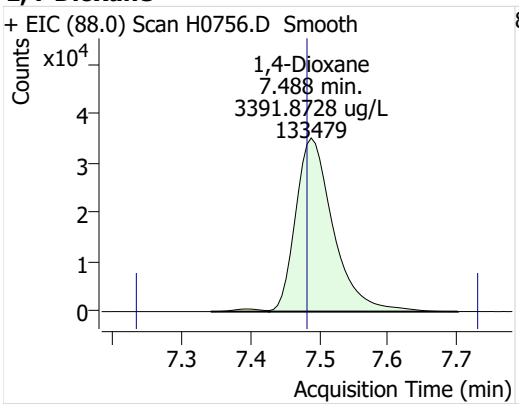


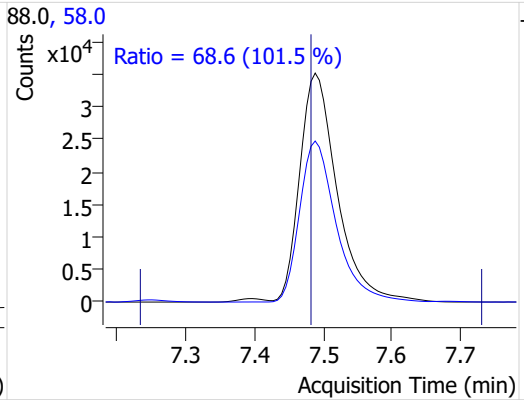


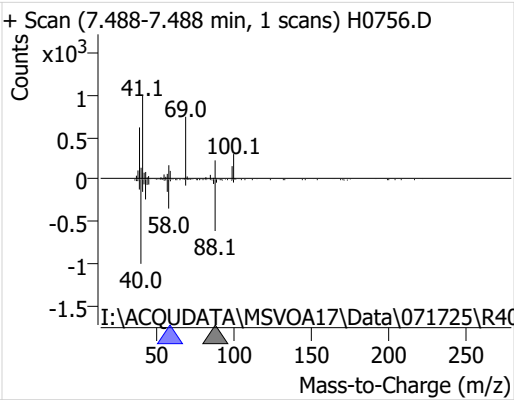


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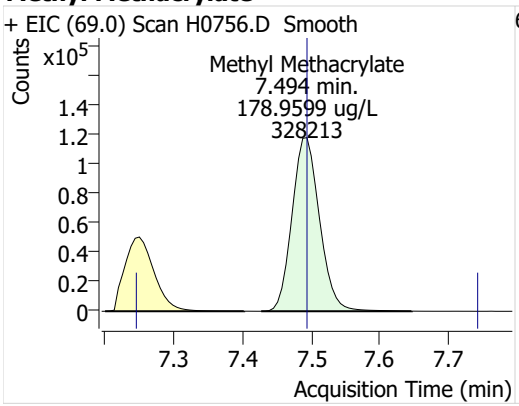
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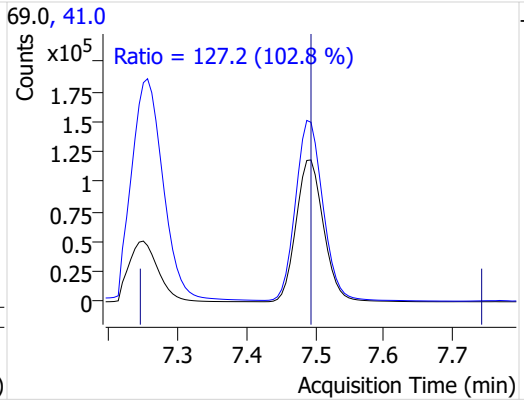


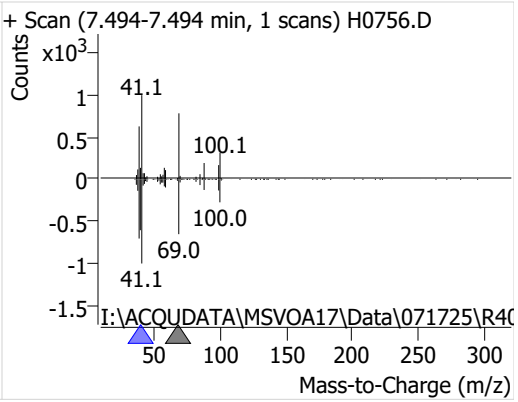




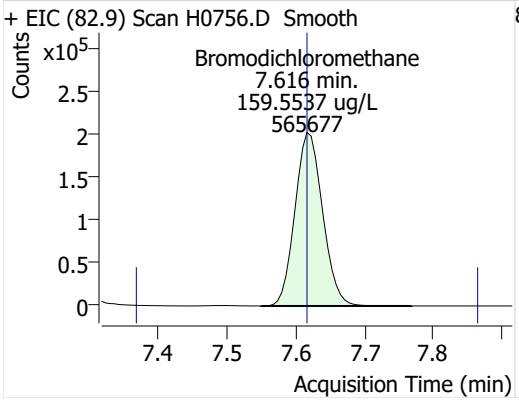
Methyl Methacrylate

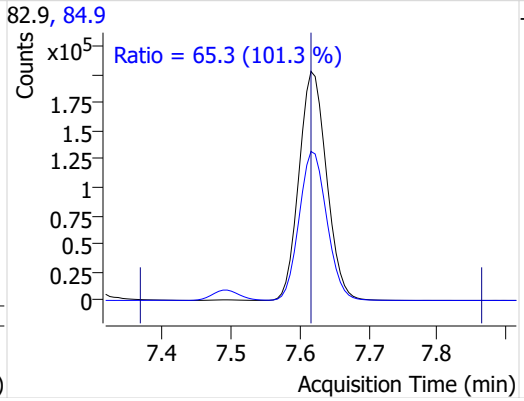


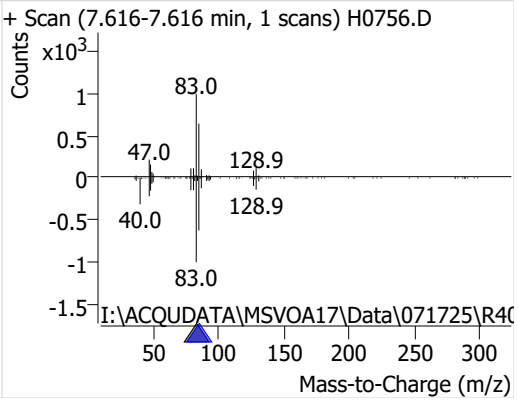




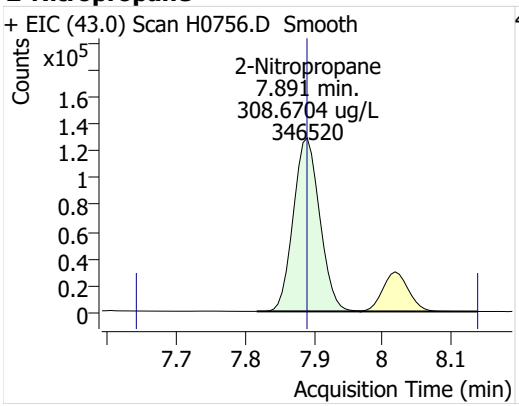
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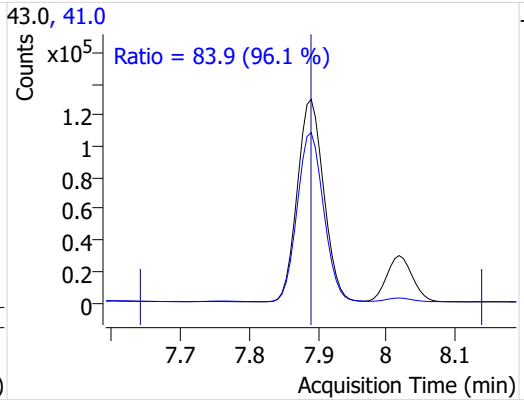


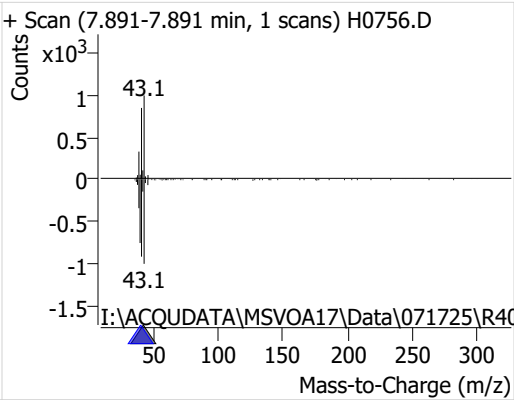




2-Nitropropane

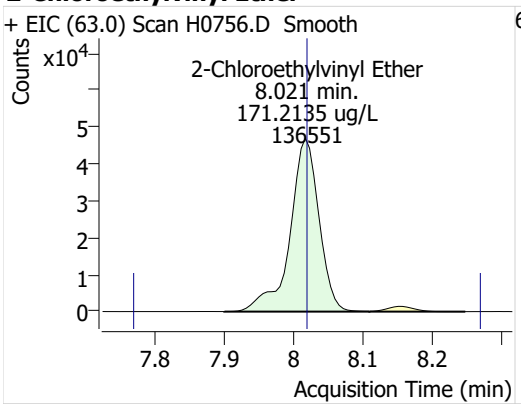


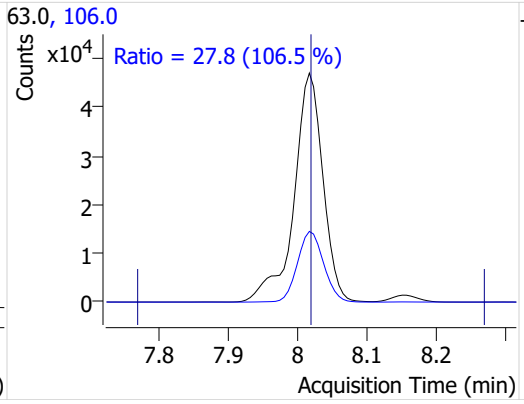


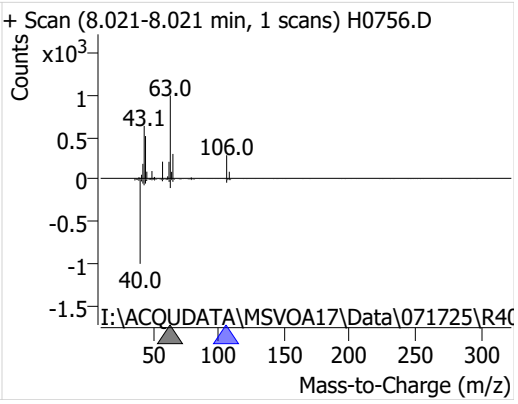


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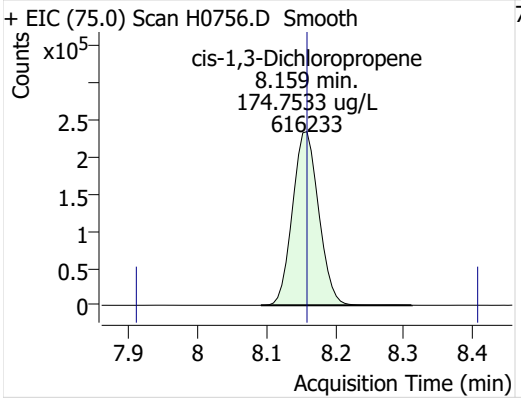
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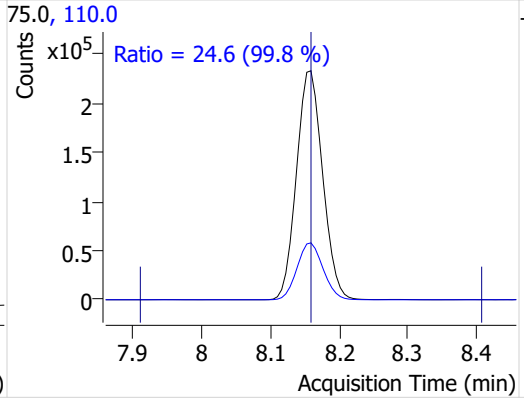


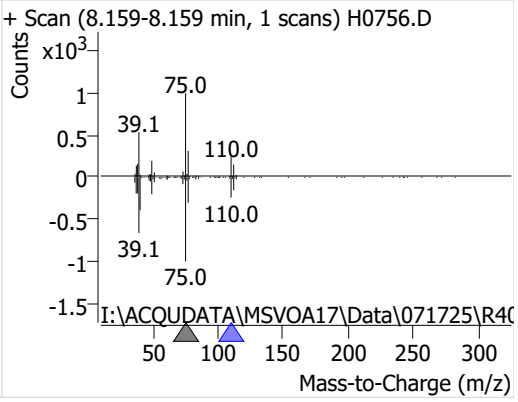




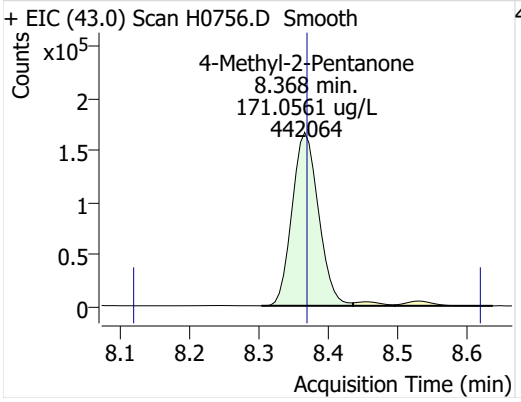
cis-1,3-Dichloropropene

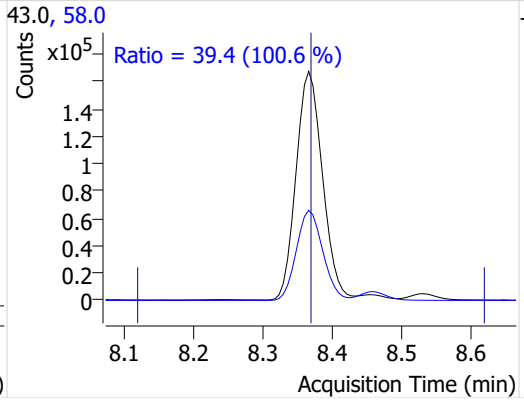


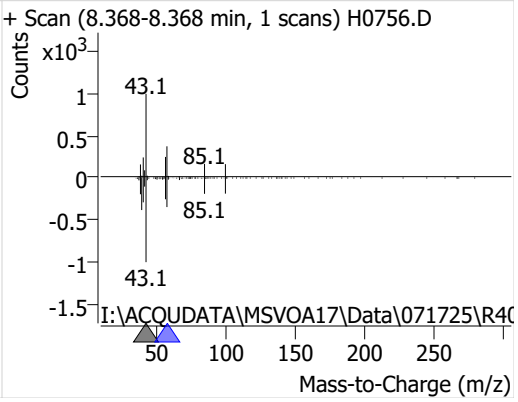




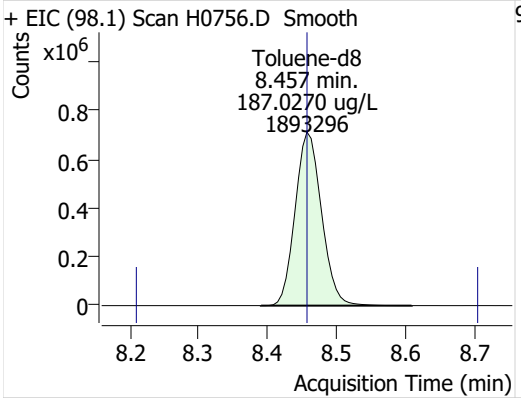
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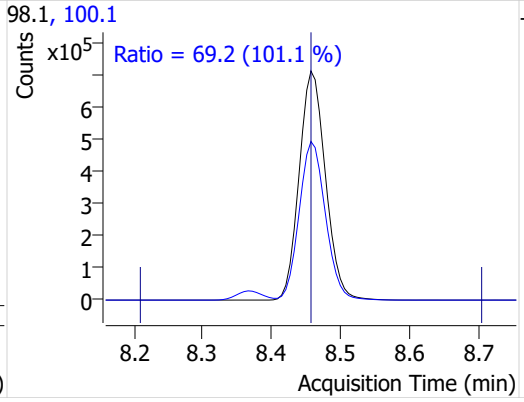


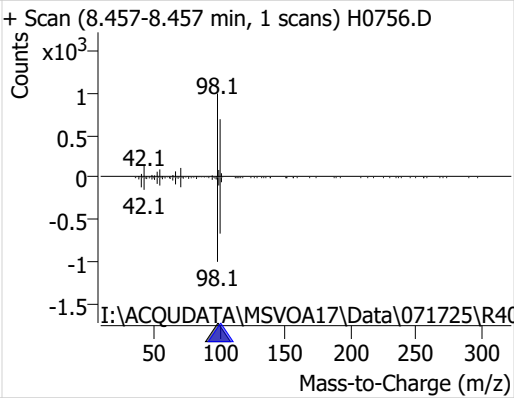




Toluene-d8

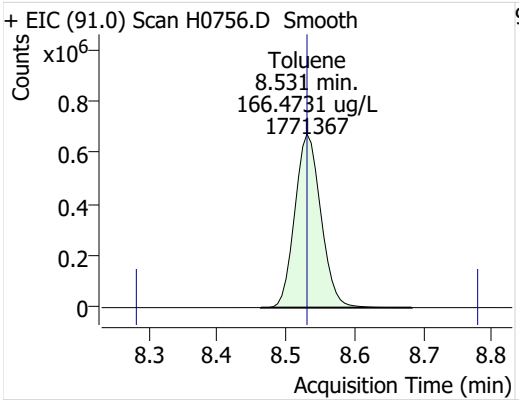


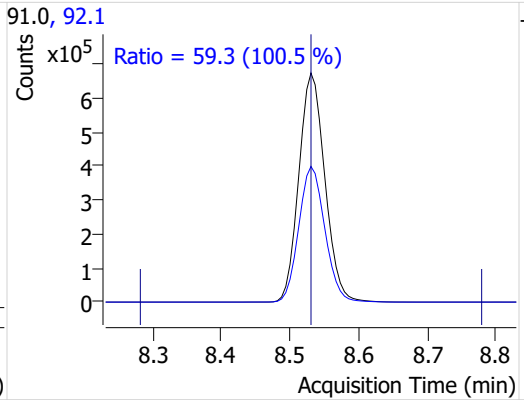


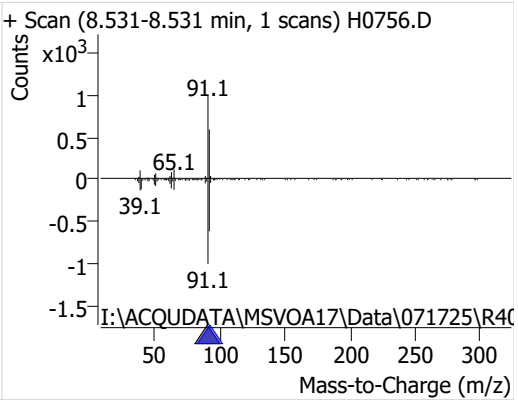


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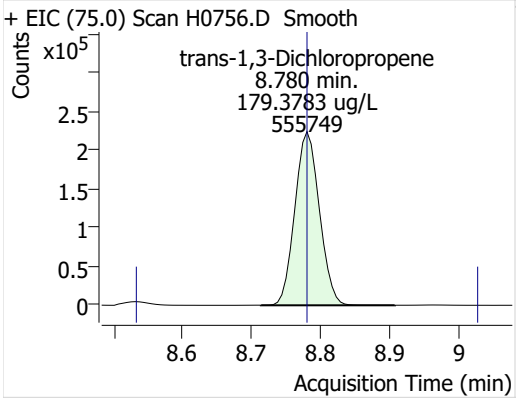
Toluene

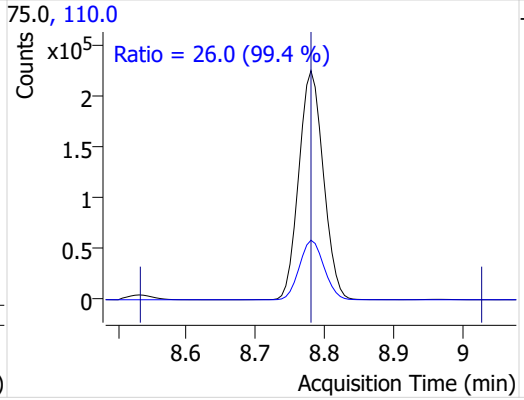


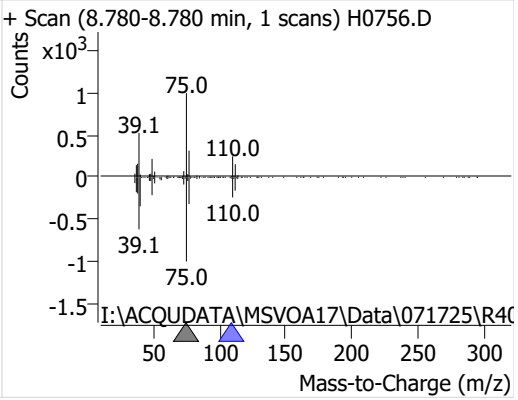




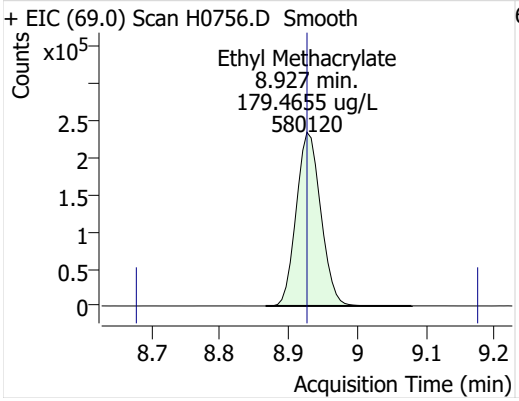
trans-1,3-Dichloropropene

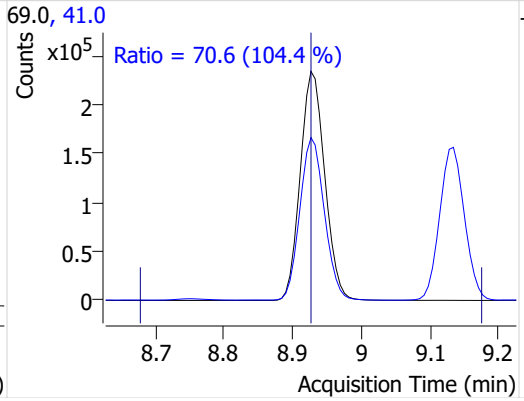


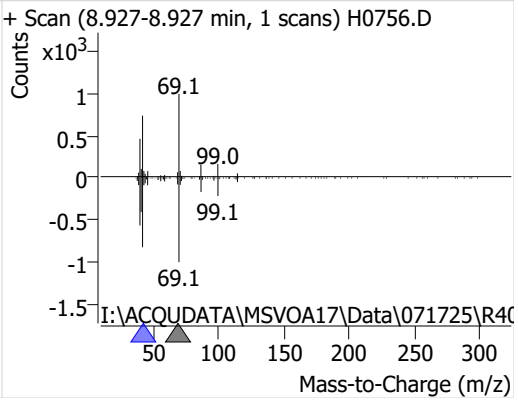




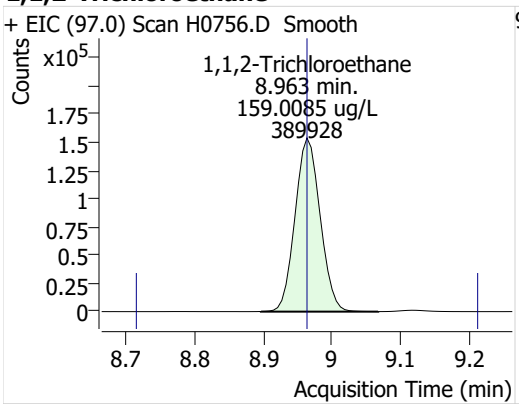
Ethyl Methacrylate

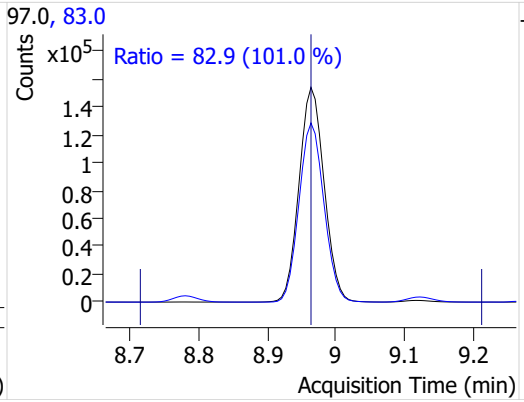


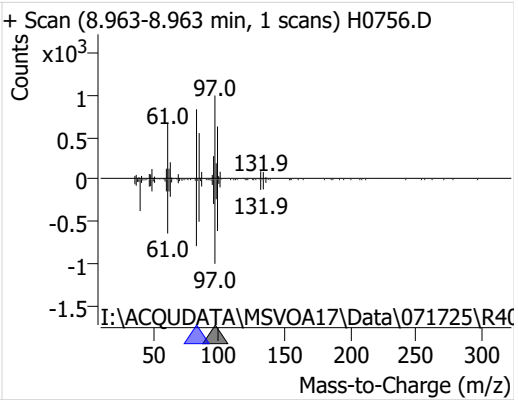




1,1,2-Trichloroethane

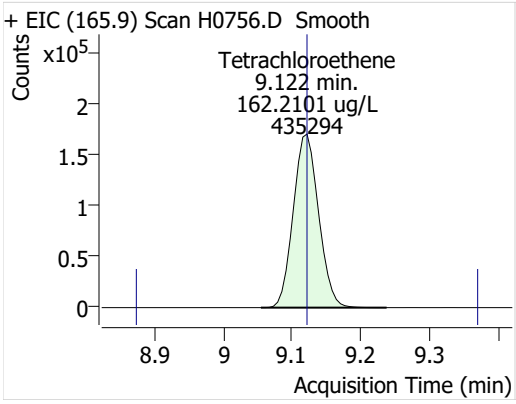


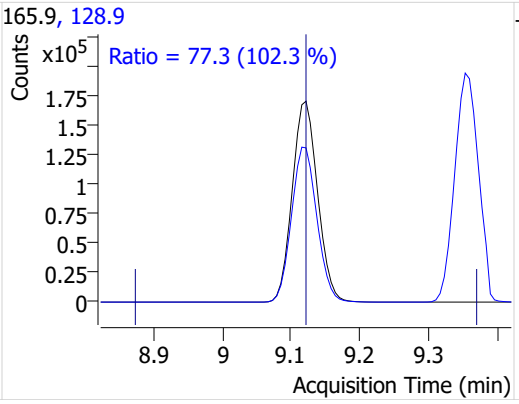


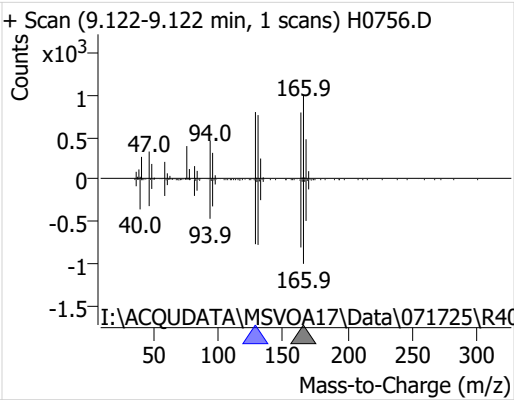


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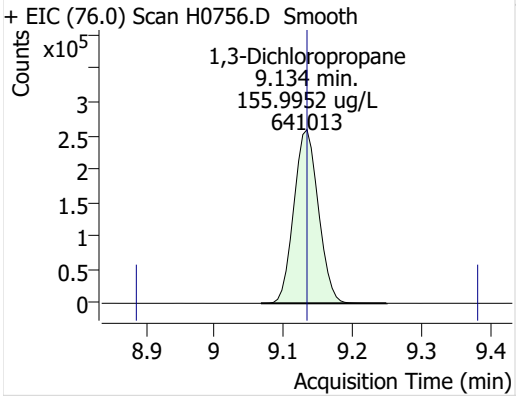
Tetrachloroethene

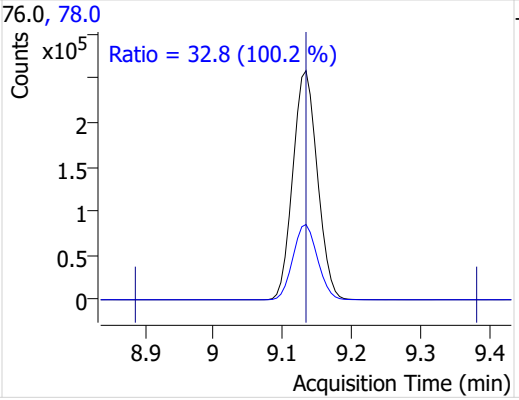


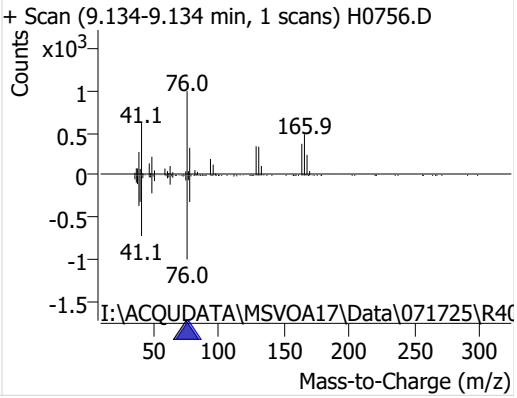




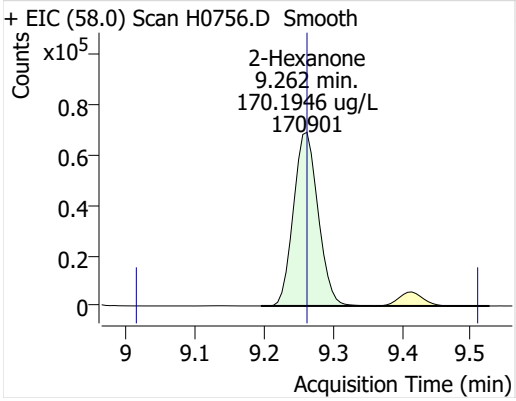
1,3-Dichloropropane

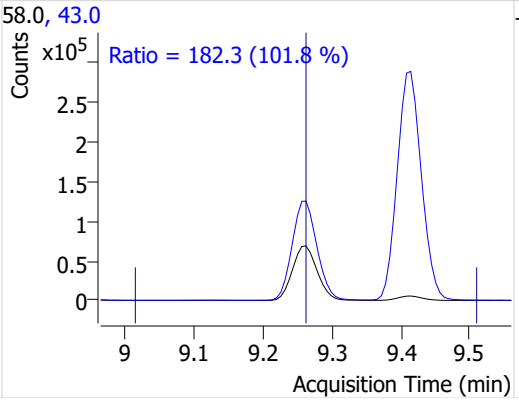


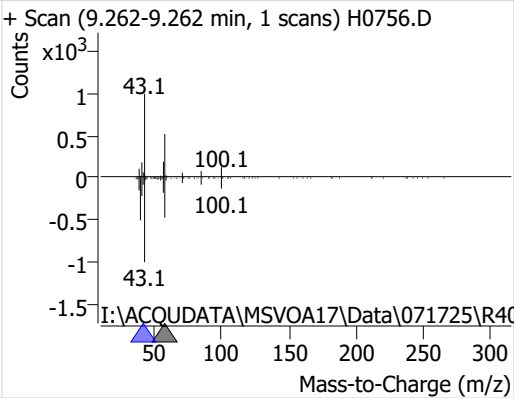




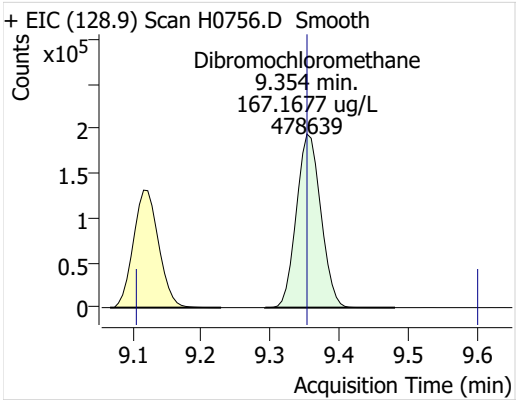
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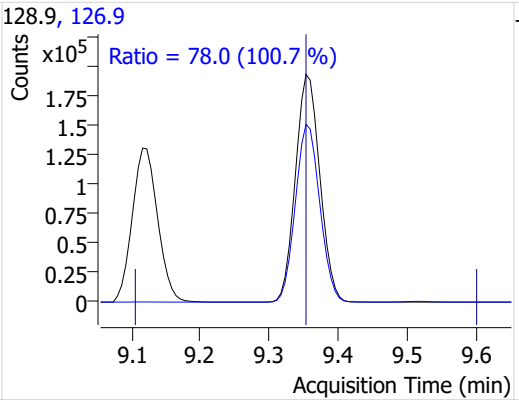


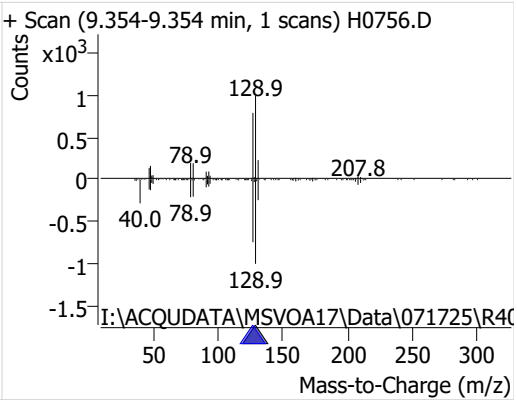




Dibromochloromethane

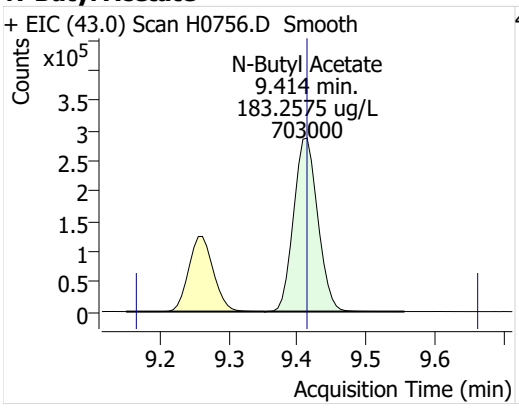


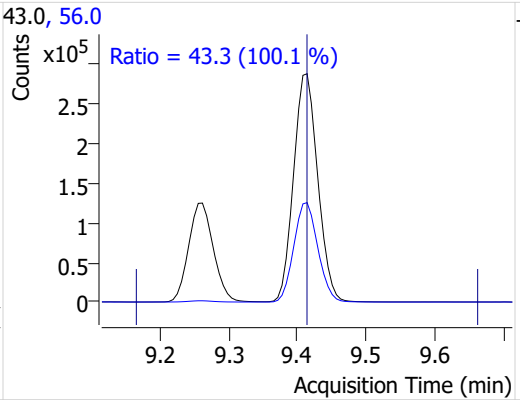


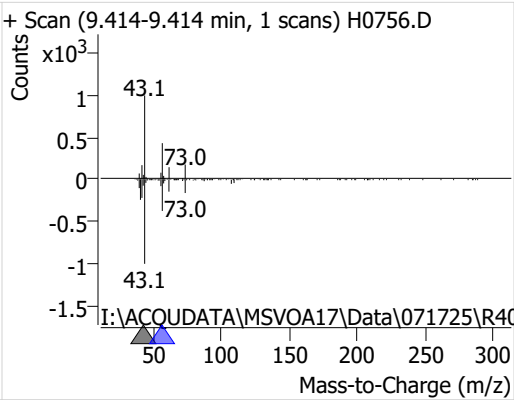


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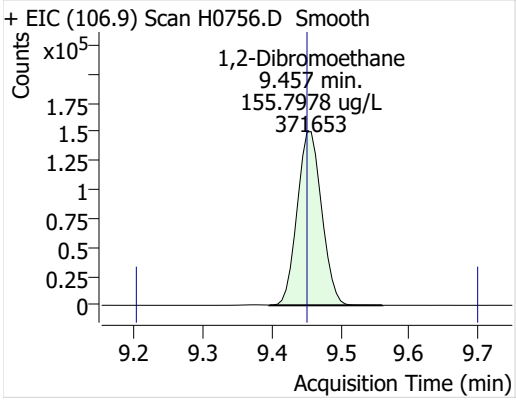
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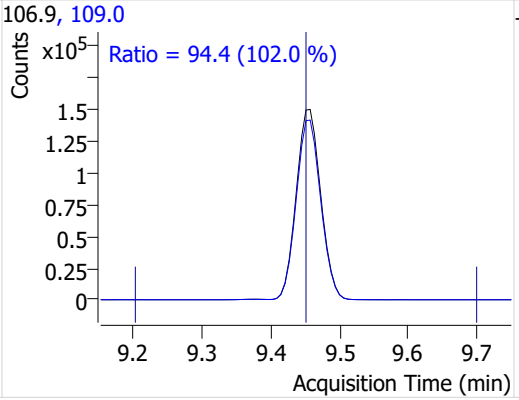


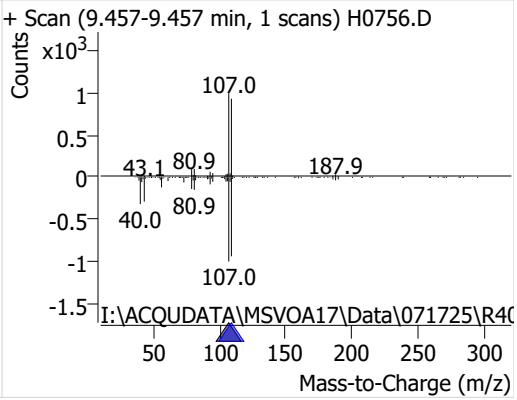




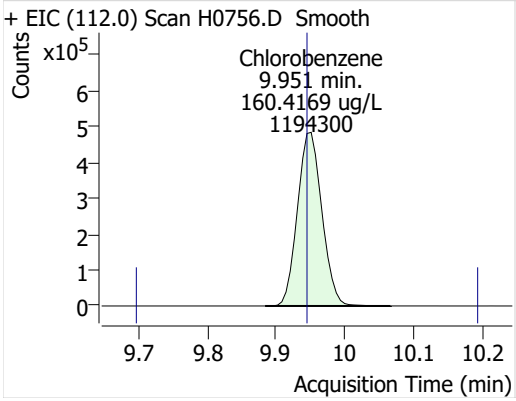
1,2-Dibromoethane

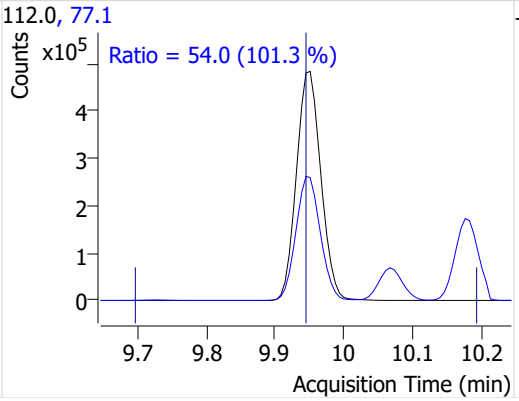


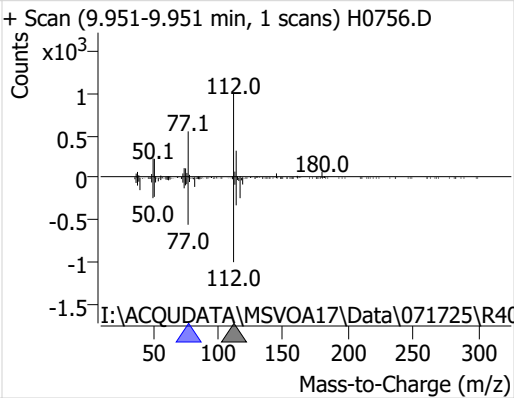




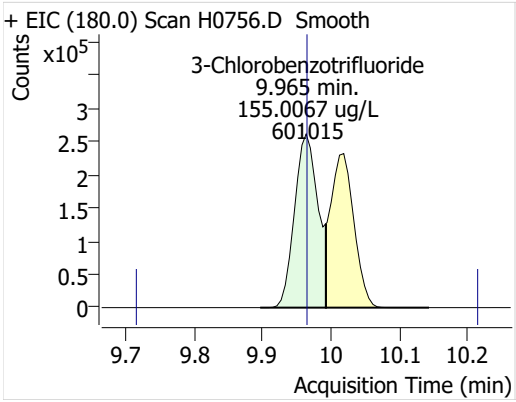
Chlorobenzene

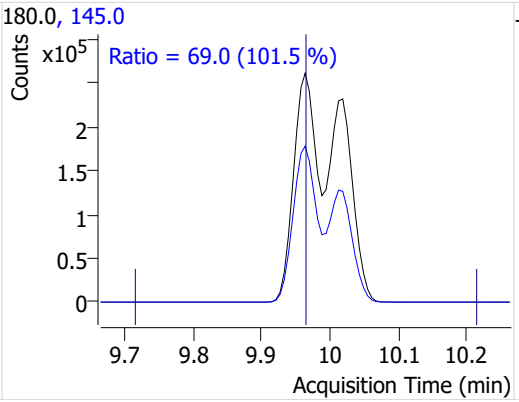


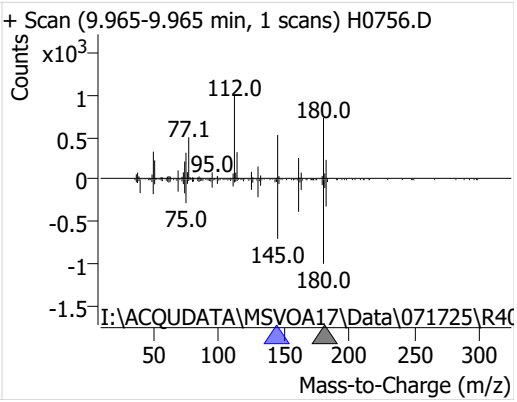




3-Chlorobenzotrifluoride

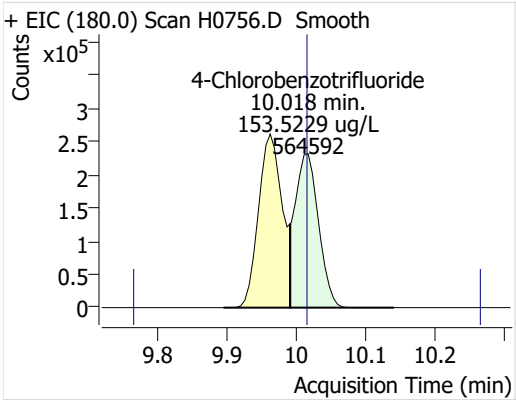


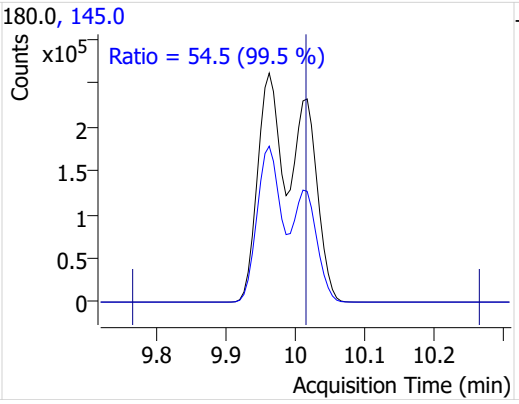


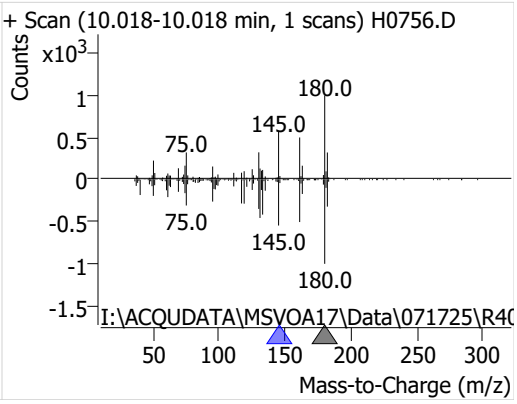


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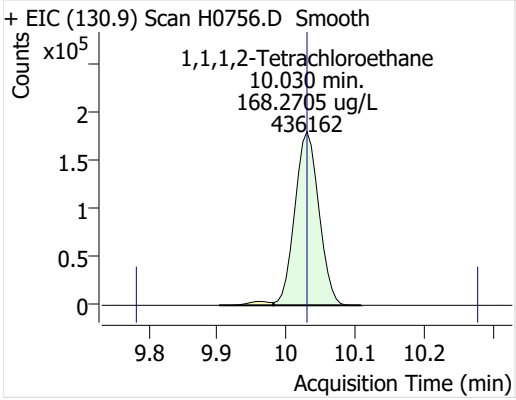
4-Chlorobenzotrifluoride

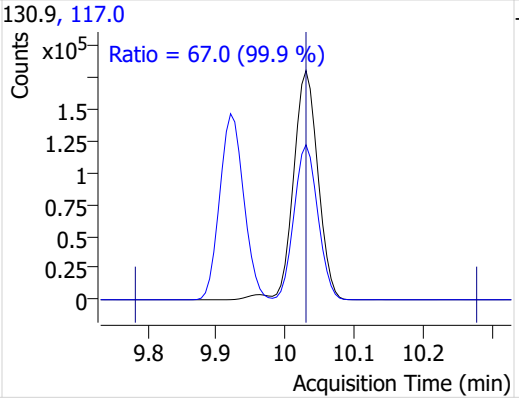


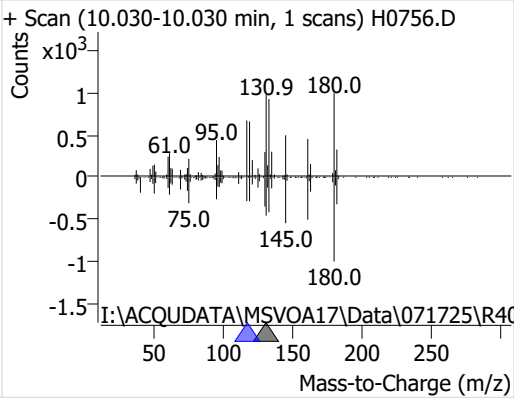




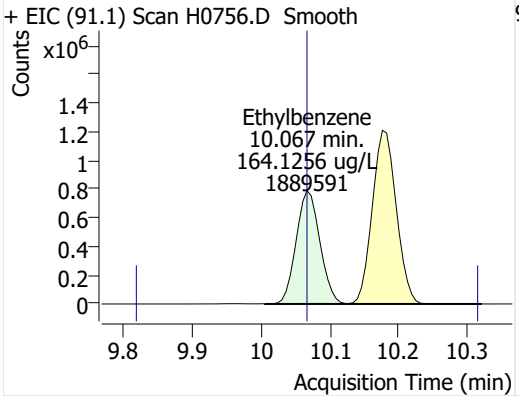
1,1,1,2-Tetrachloroethane

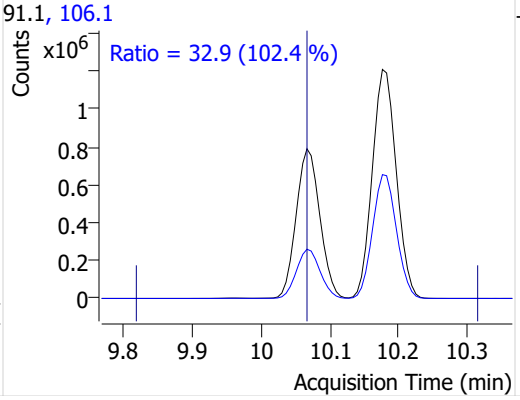


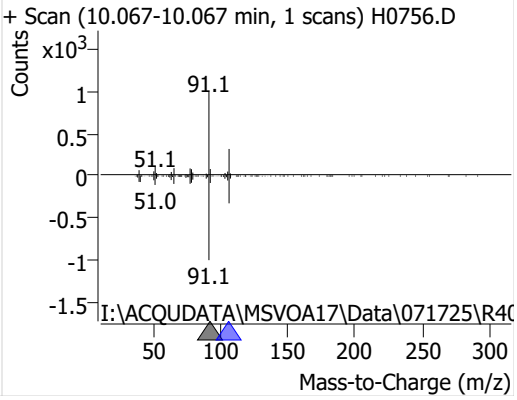




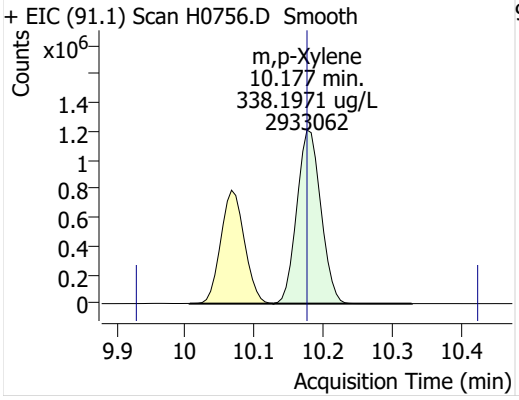
Ethylbenzene

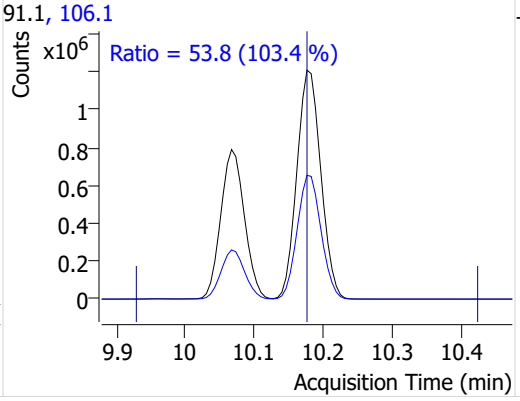


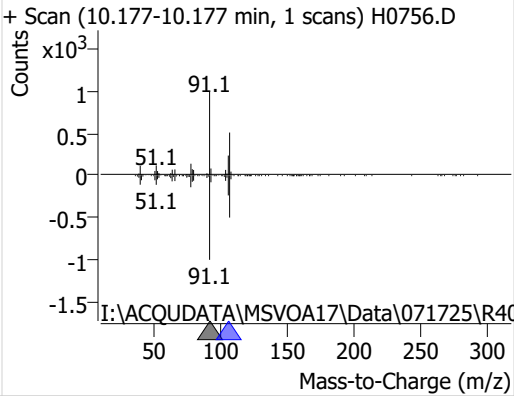




m,p-Xylene

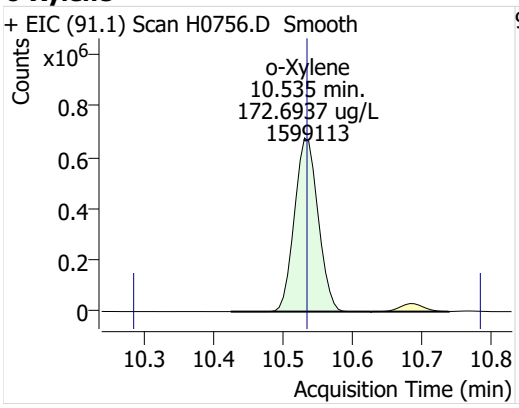


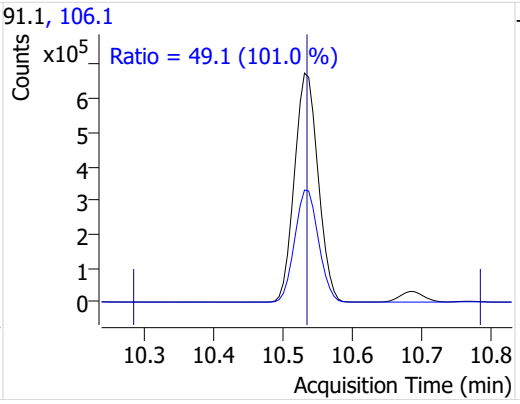


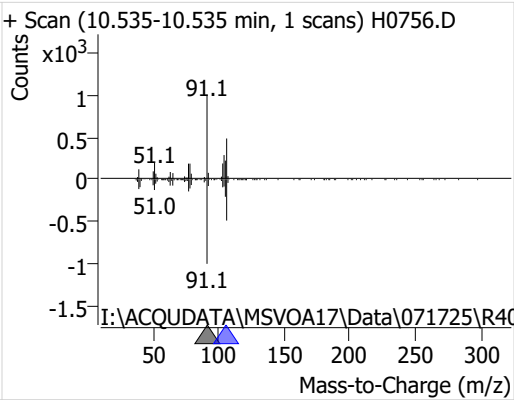


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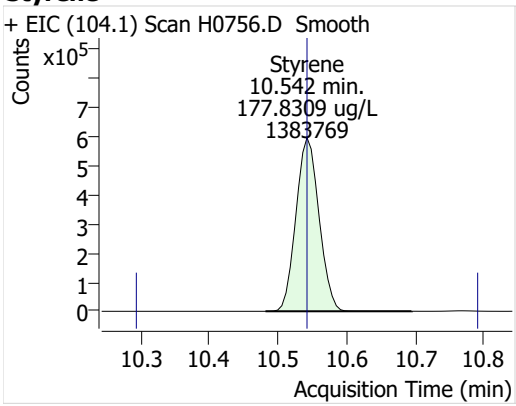
o-Xylene

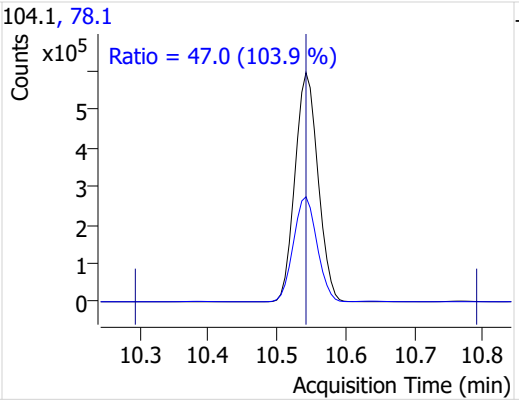


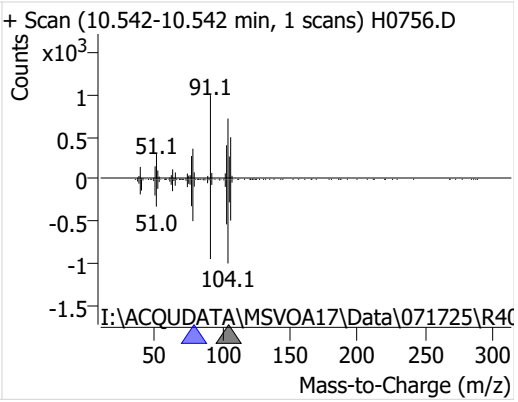




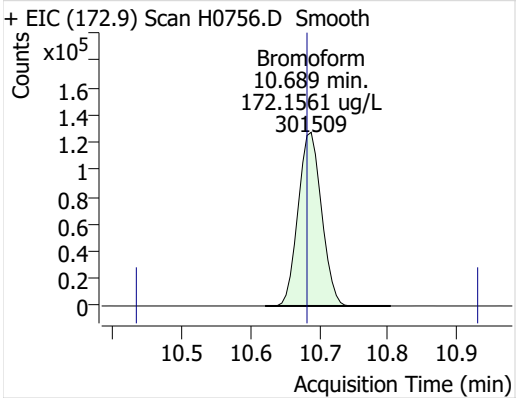
Styrene

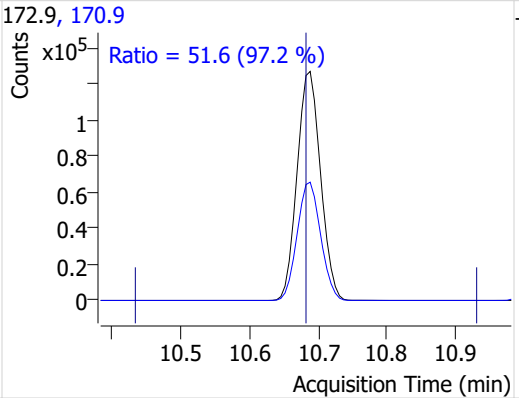


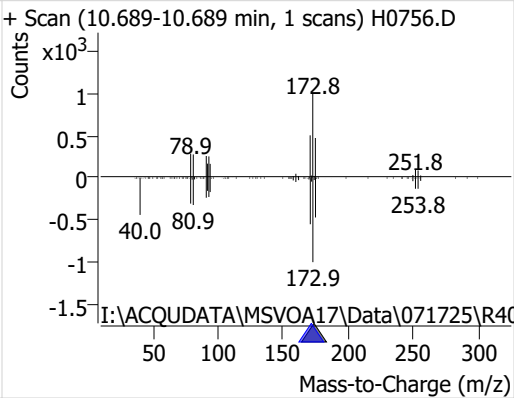




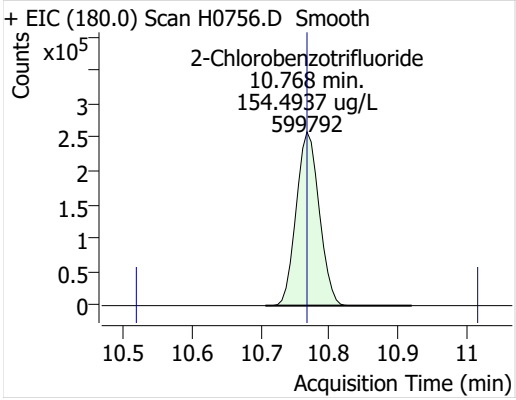
Bromoform

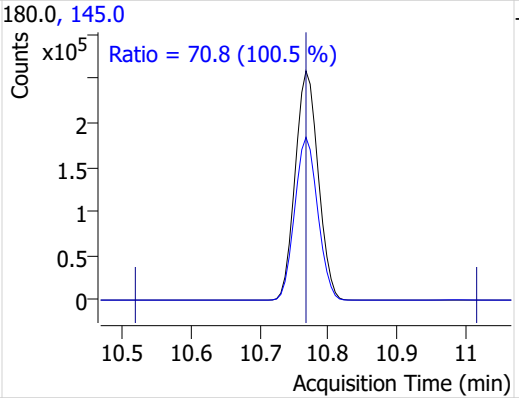


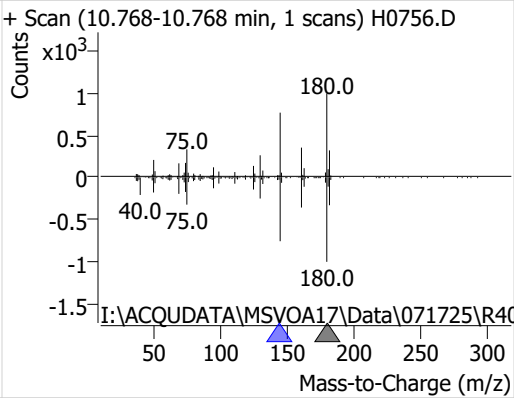




2-Chlorobenzotrifluoride

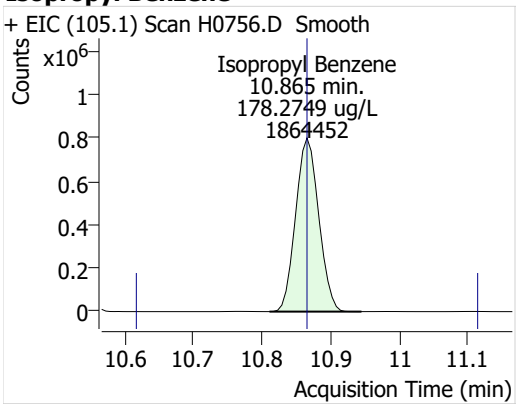


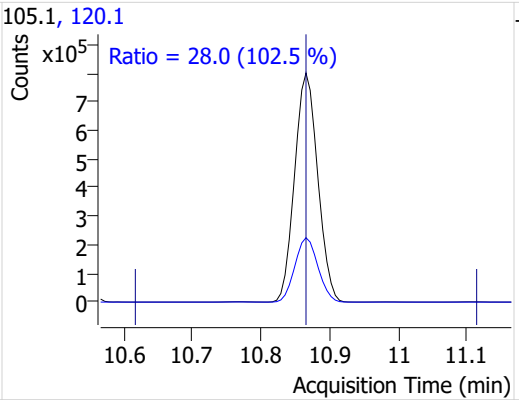


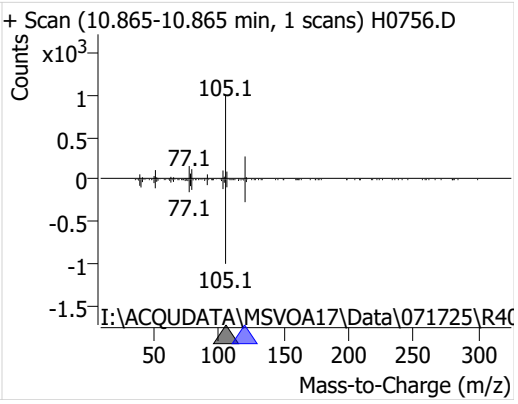


Masshunter Quantitative Analysis Sample Report

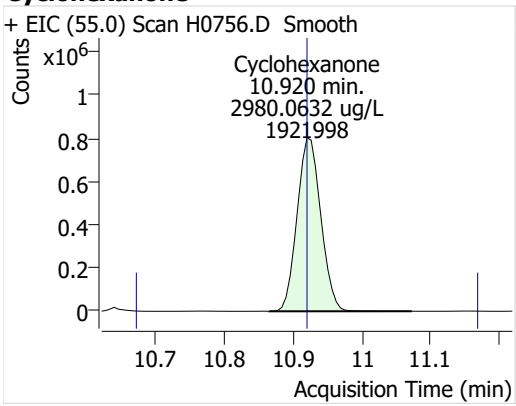
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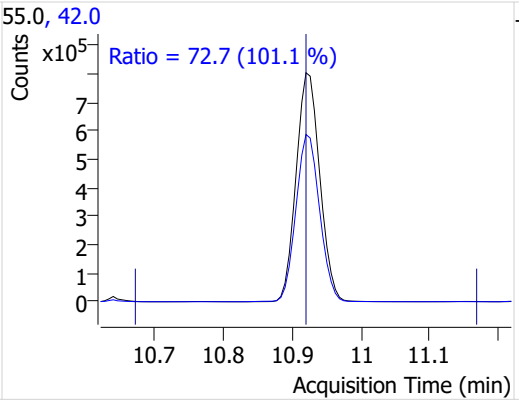


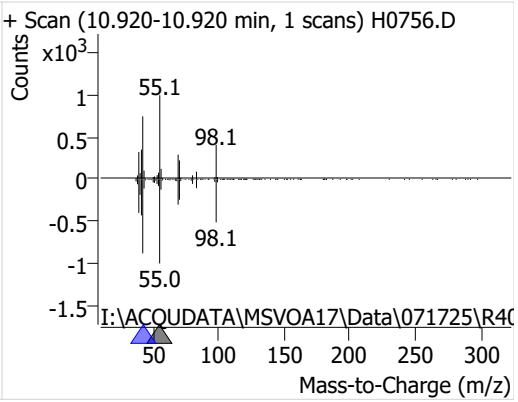




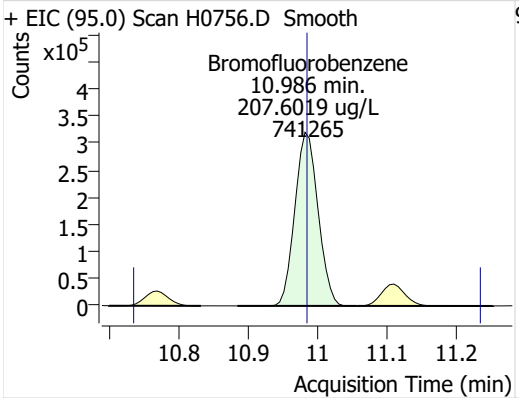
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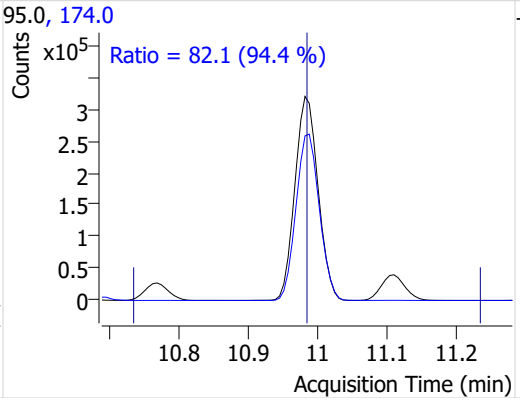


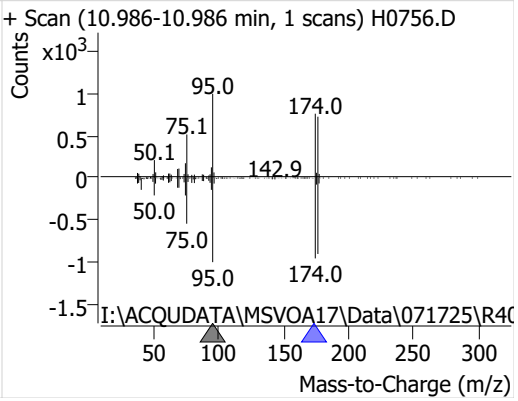




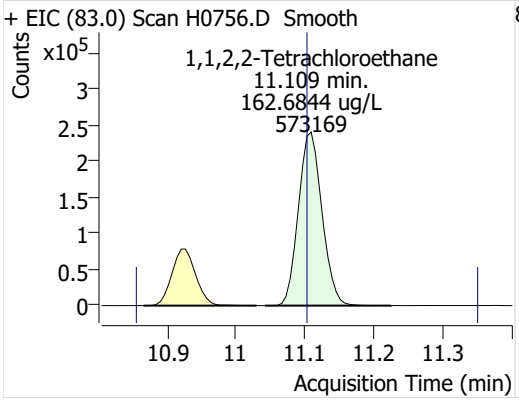
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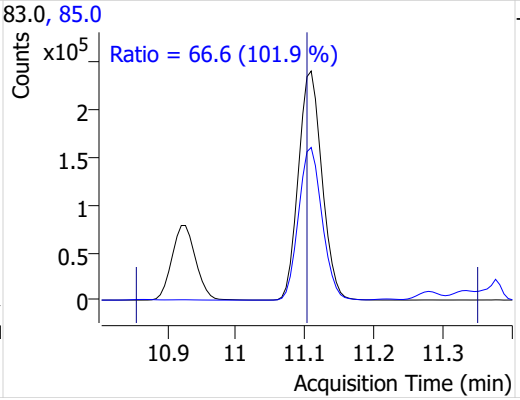


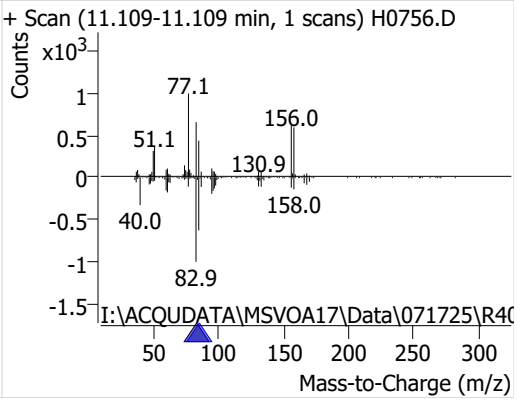




1,1,2,2-Tetrachloroethane

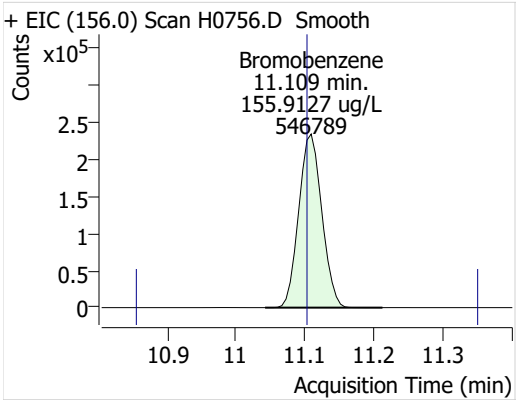


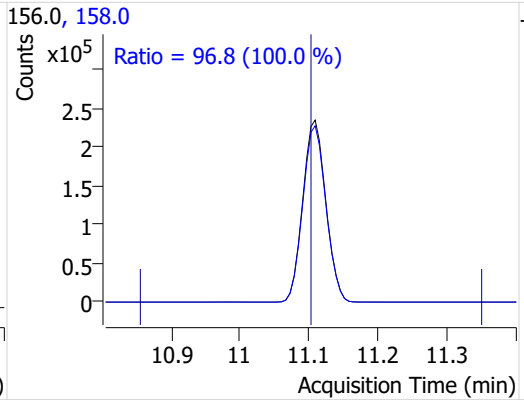


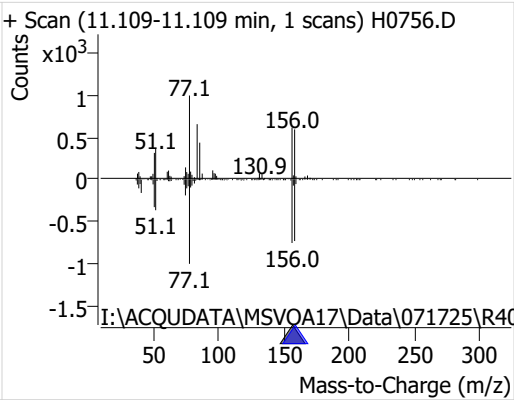


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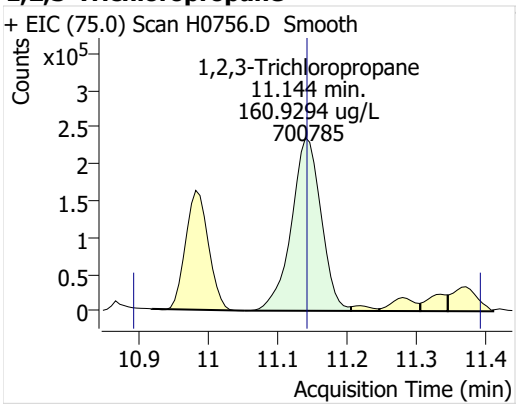
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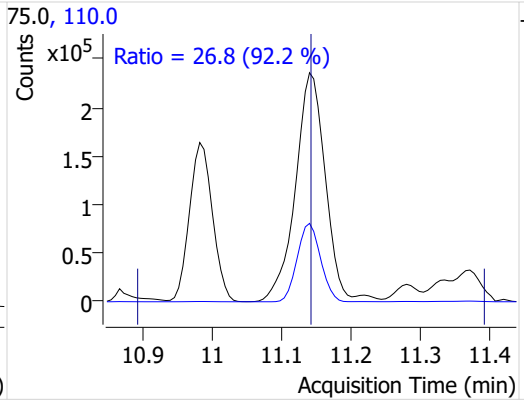


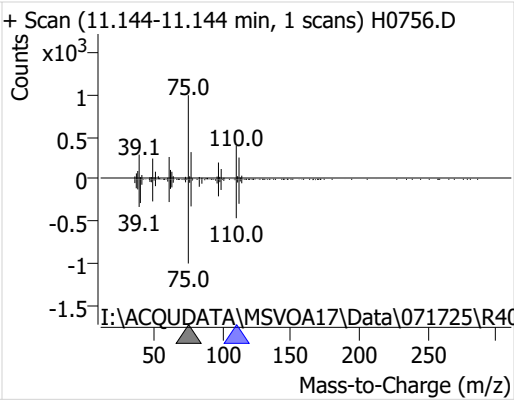




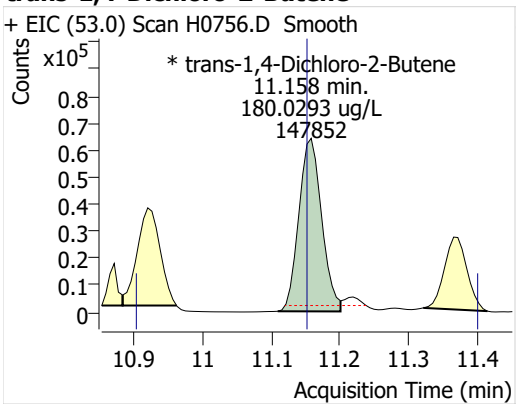
1,2,3-Trichloropropane

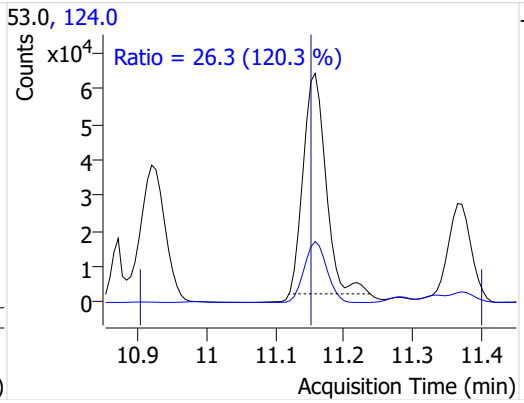


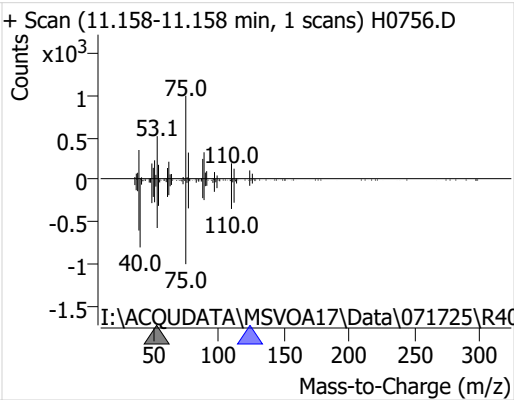




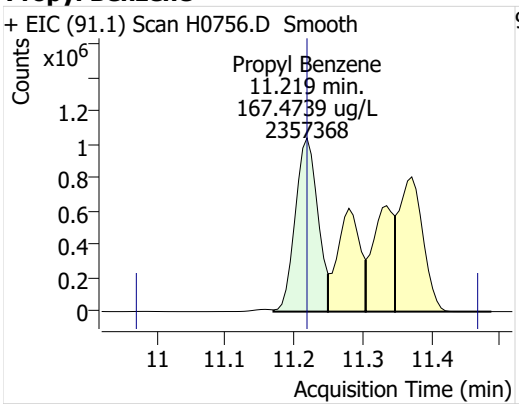
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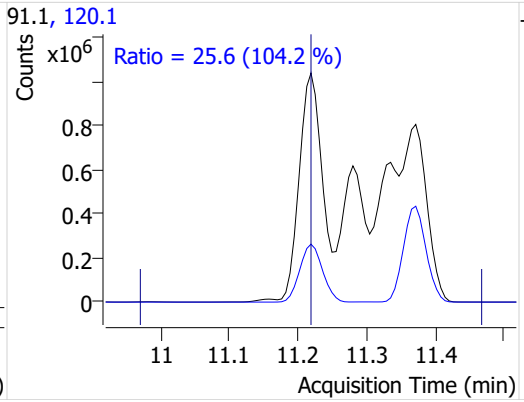


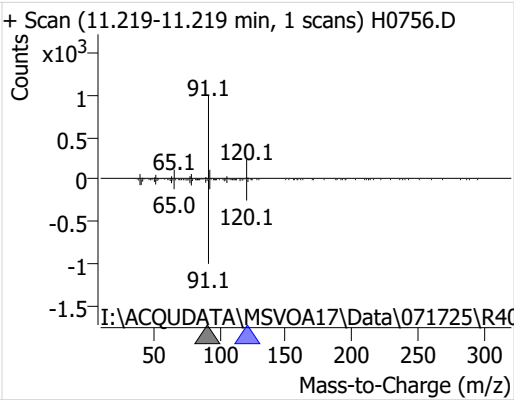




Propyl Benzene

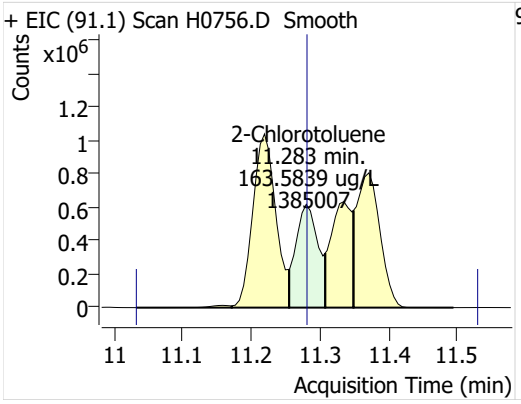


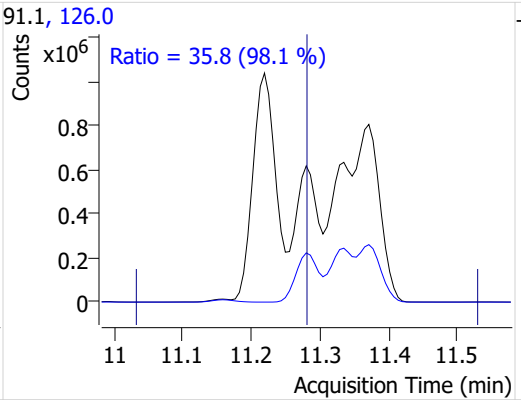


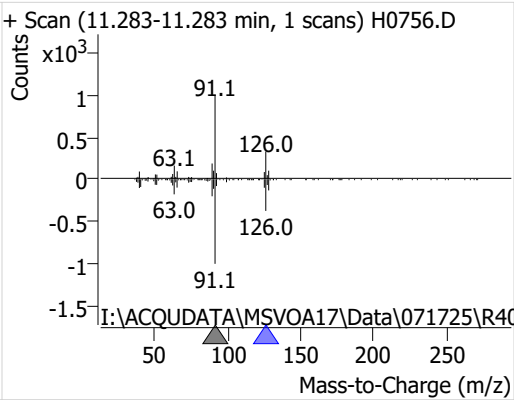


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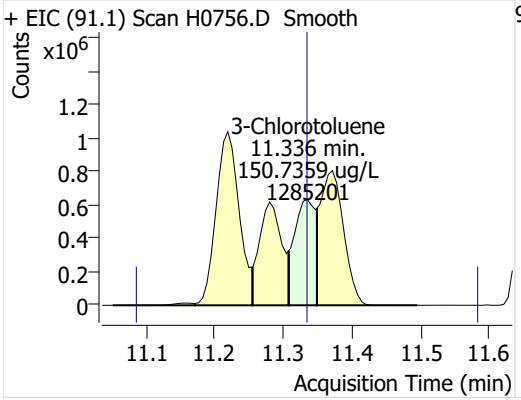
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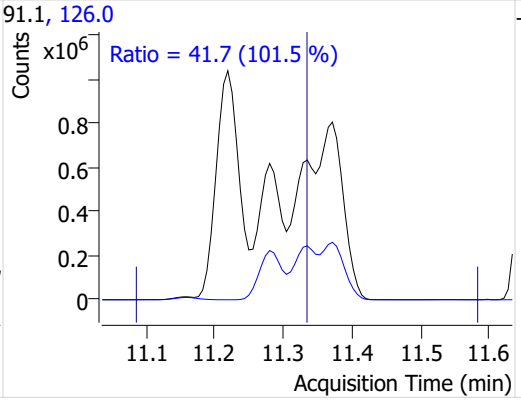


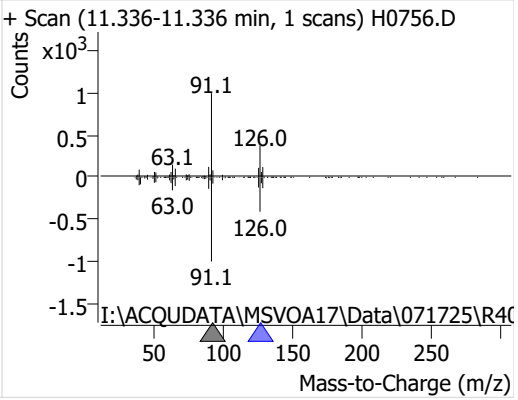




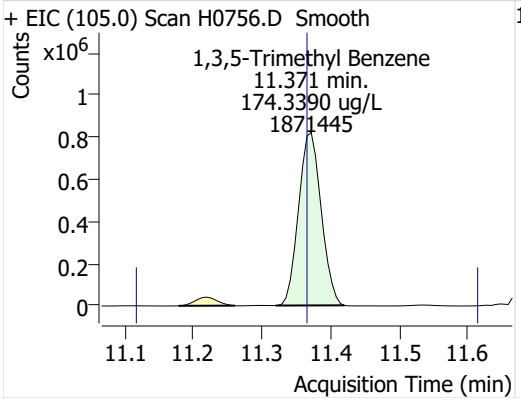
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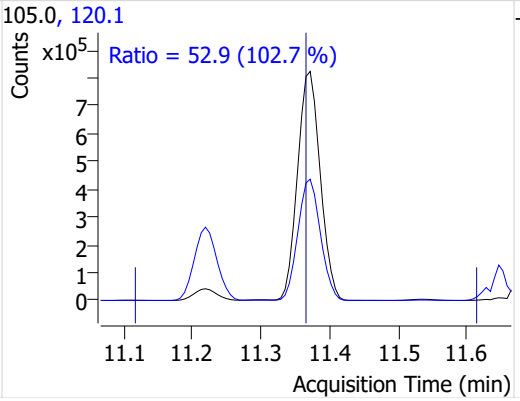


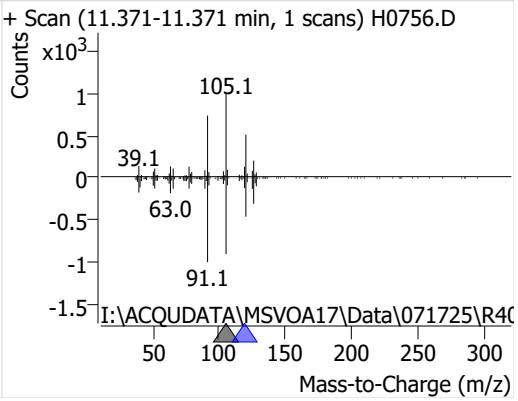




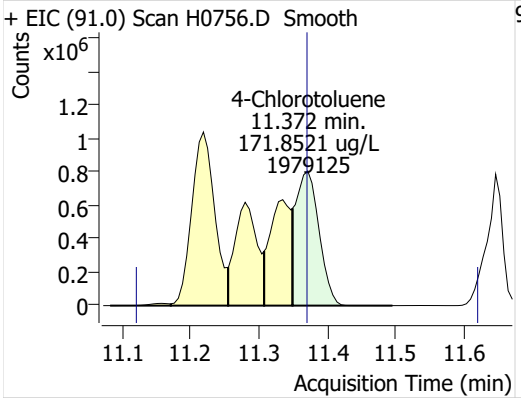
1,3,5-Trimethyl Benzene

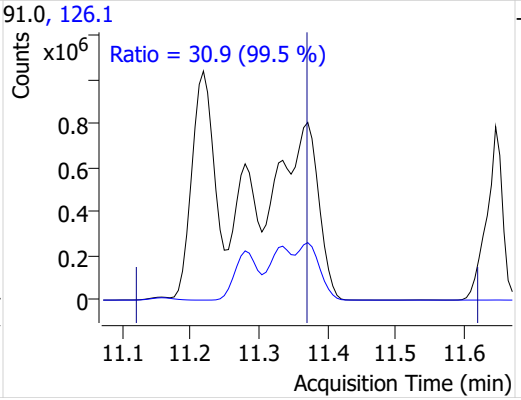


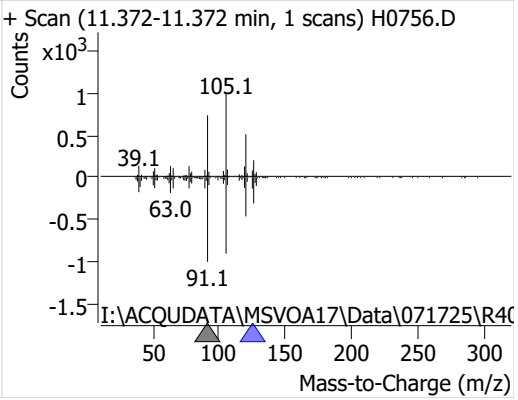




4-Chlorotoluene

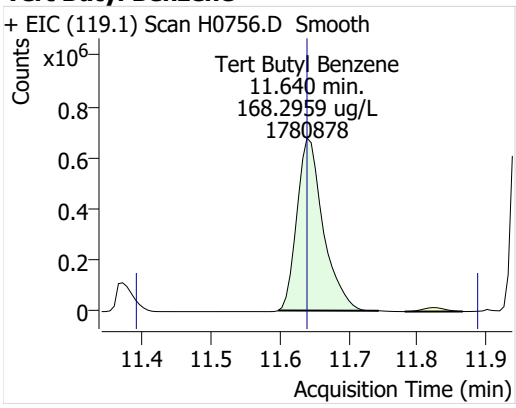


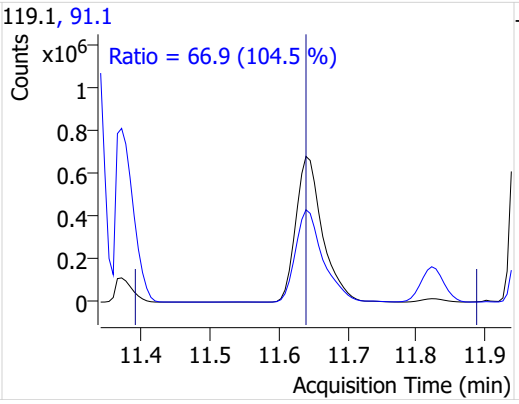


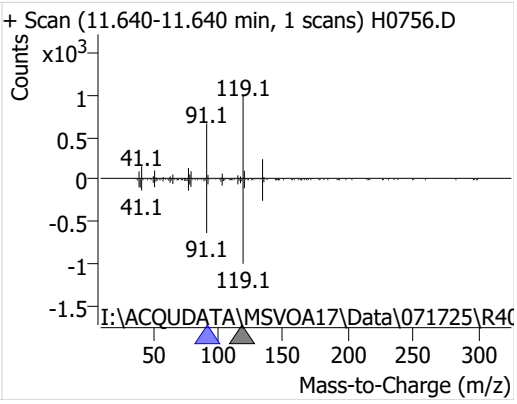


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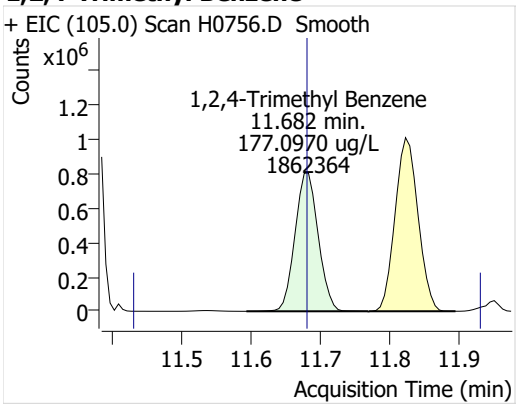
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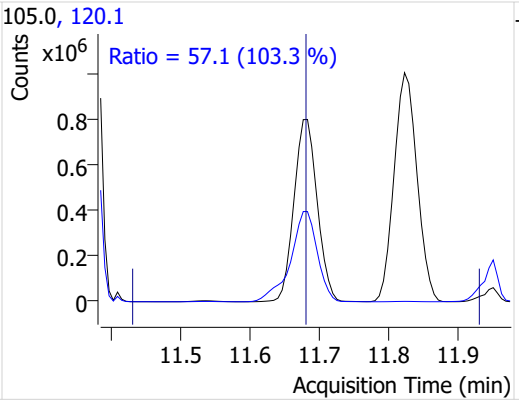


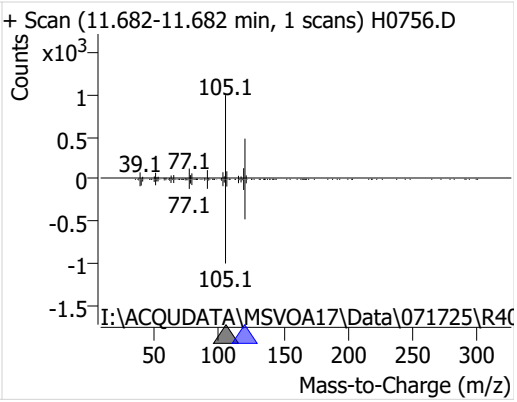




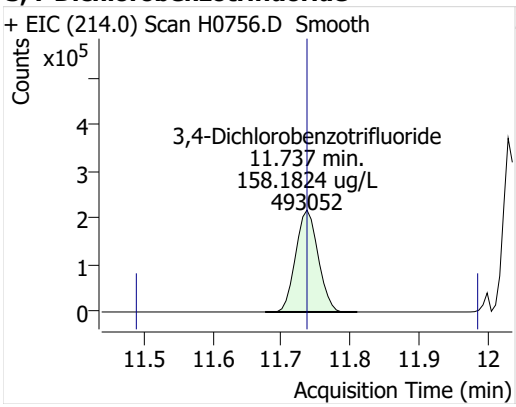
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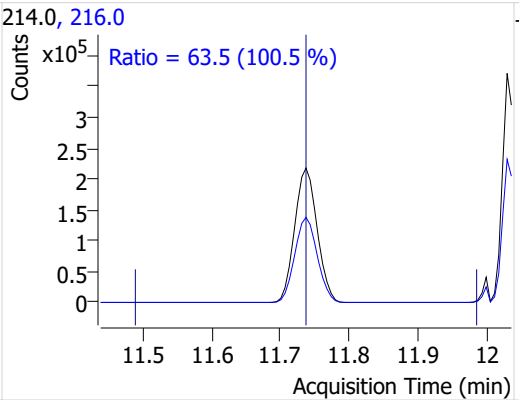


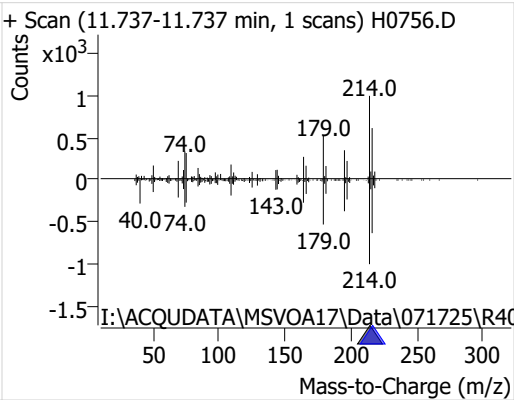




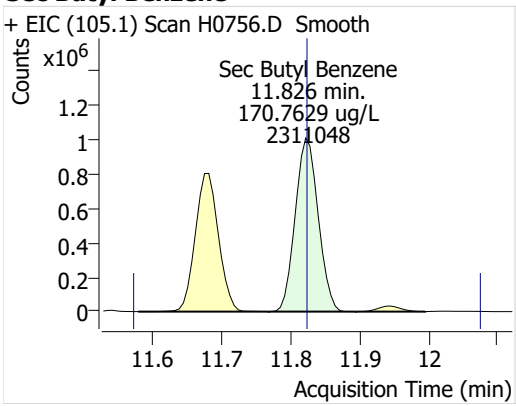
3,4-Dichlorobenzotrifluoride

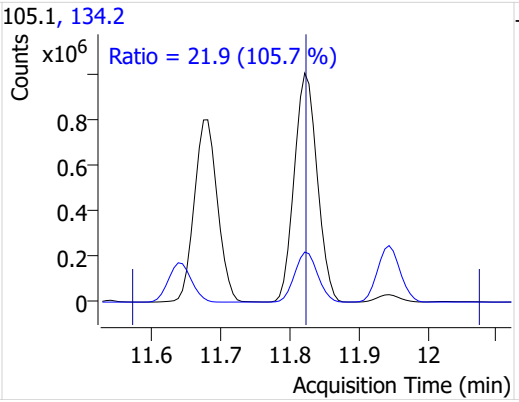


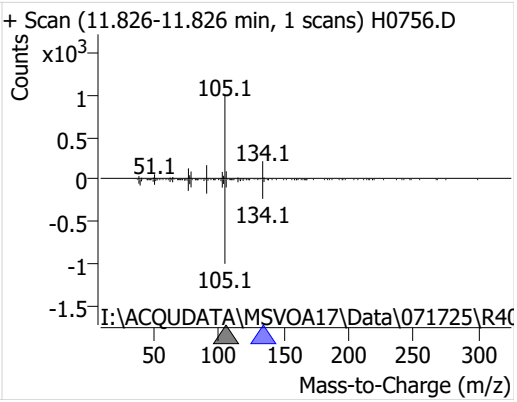




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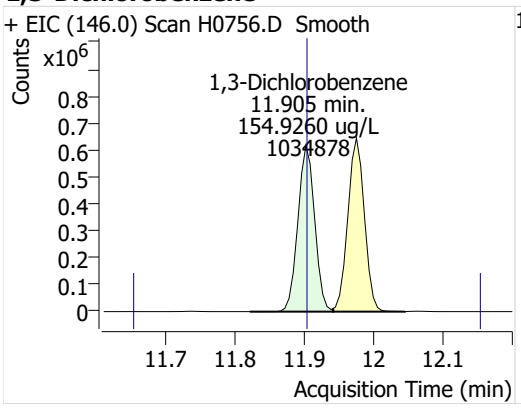


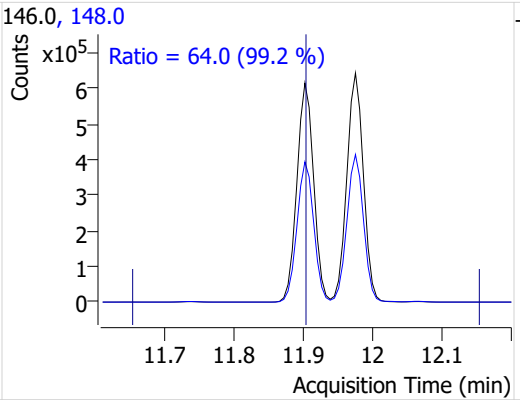


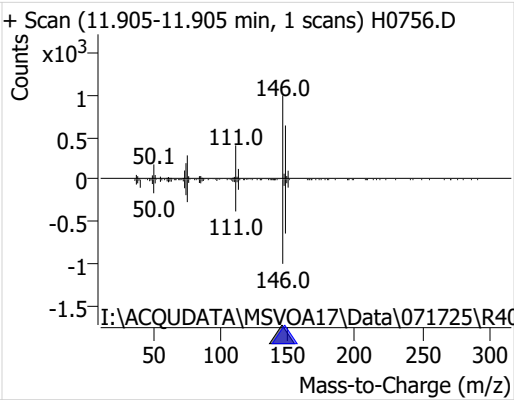


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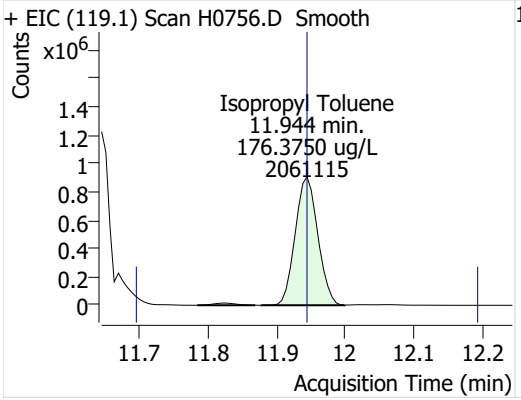
1,3-Dichlorobenzene

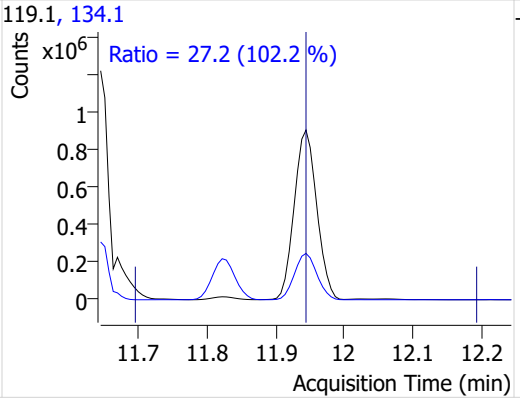


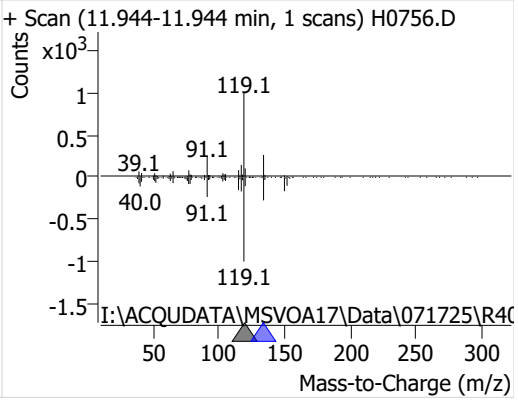




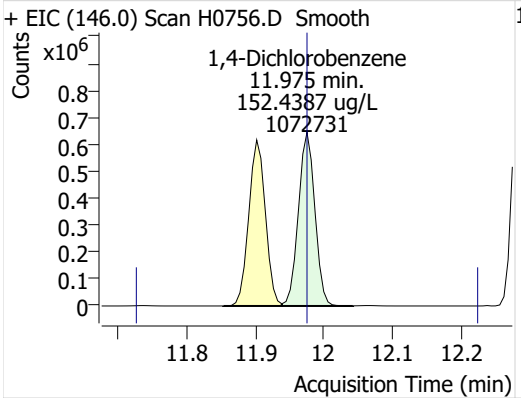
Isopropyl Toluene

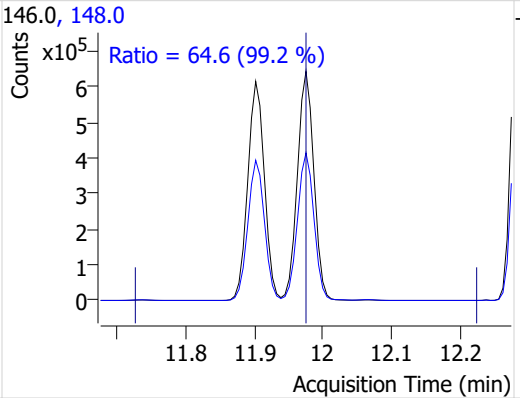


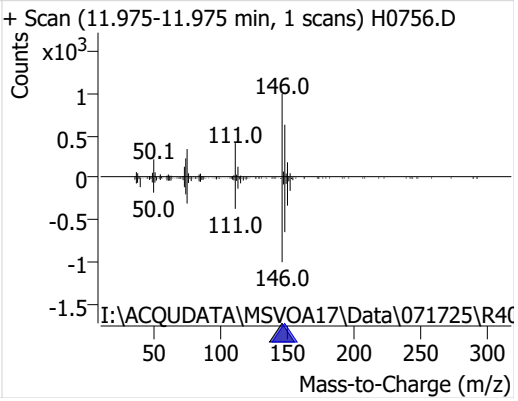




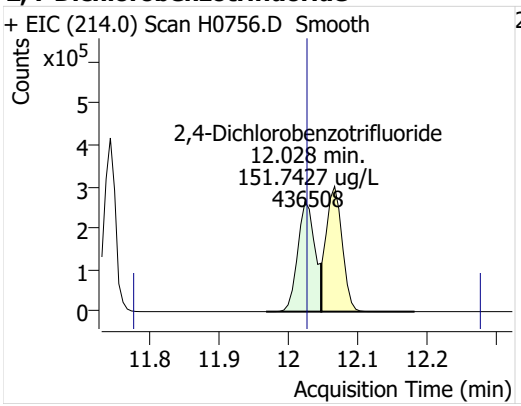
1,4-Dichlorobenzene

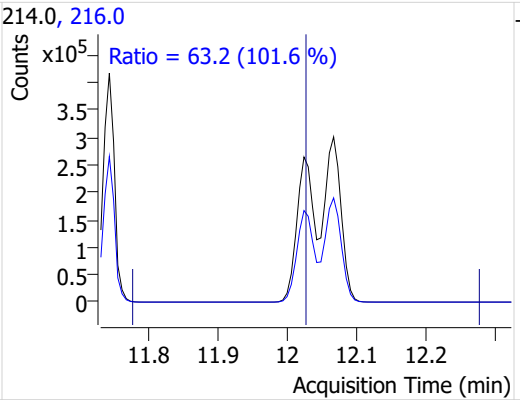


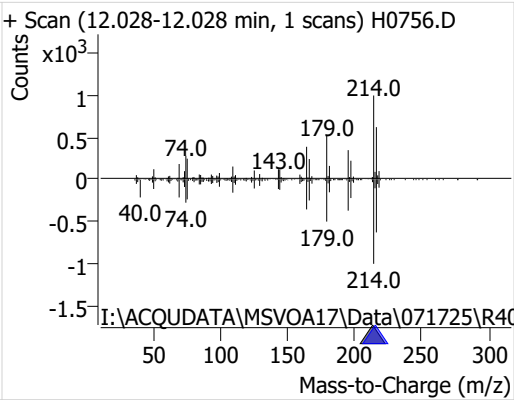




2,4-Dichlorobenzotrifluoride

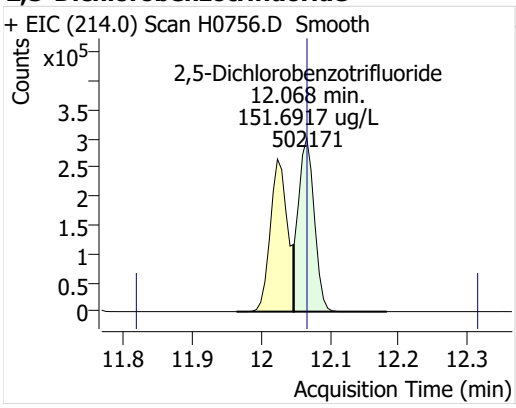


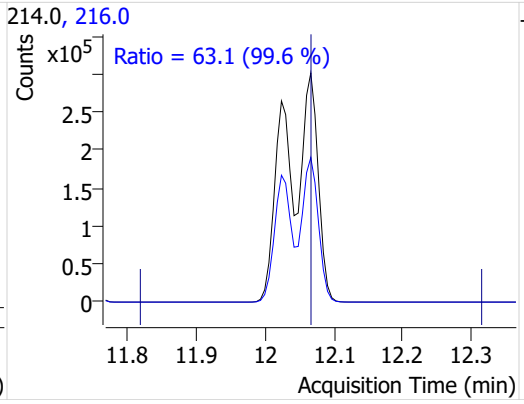


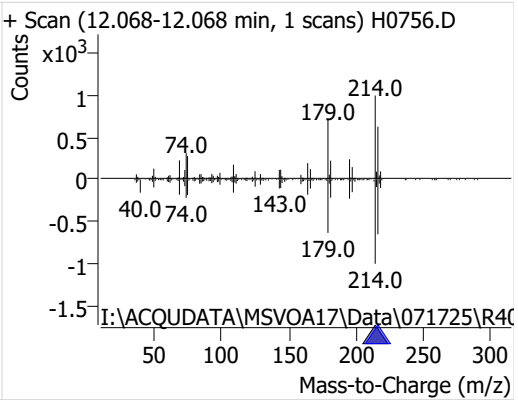


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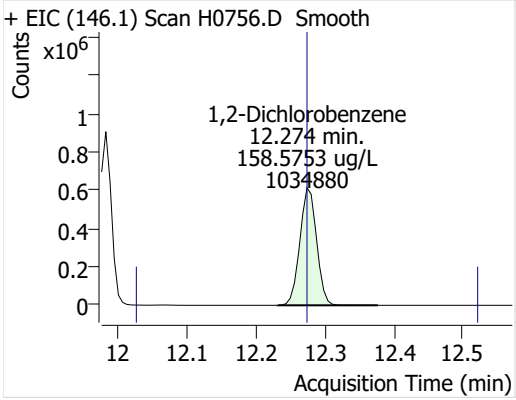
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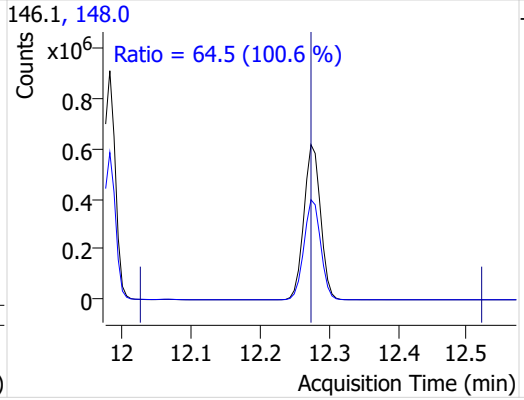


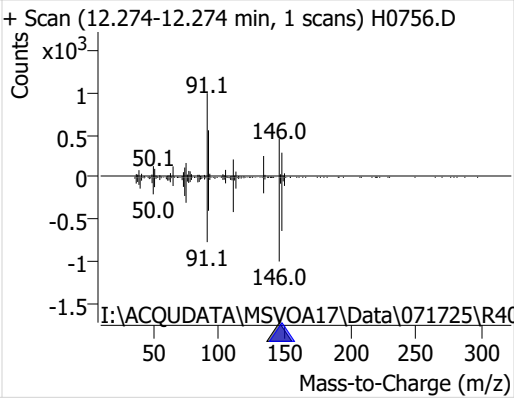




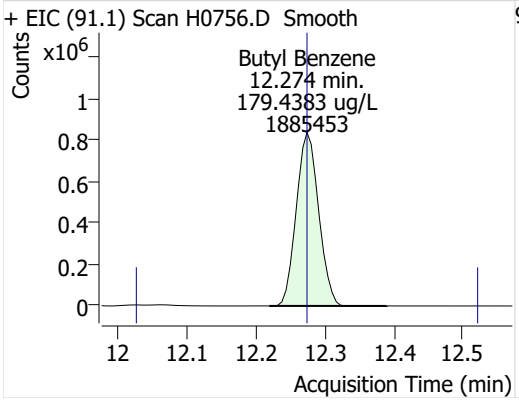
1,2-Dichlorobenzene

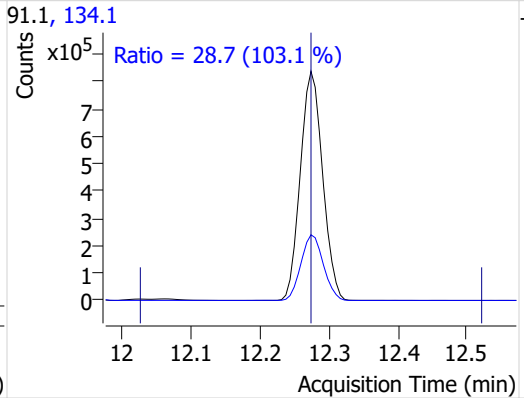


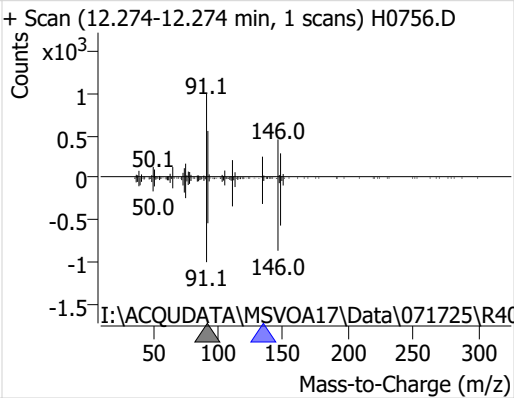




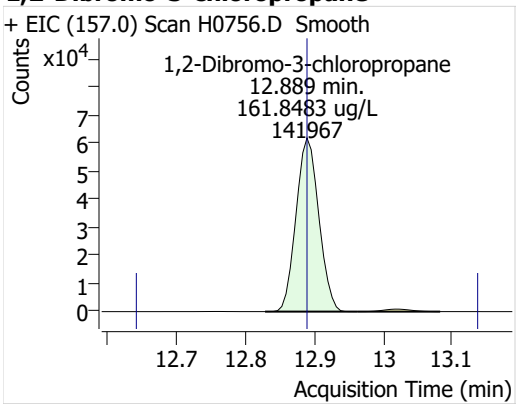
Butyl Benzene

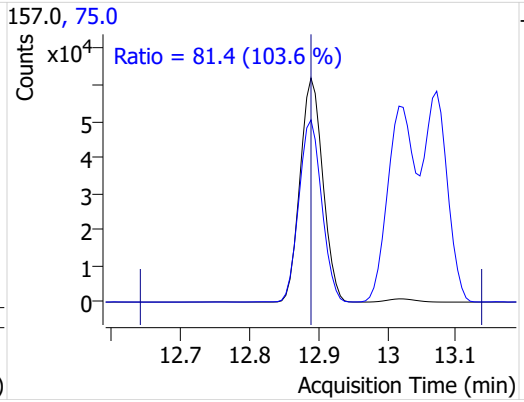


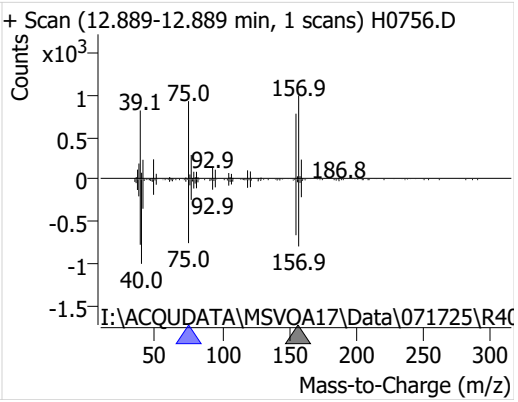




1,2-Dibromo-3-chloropropane

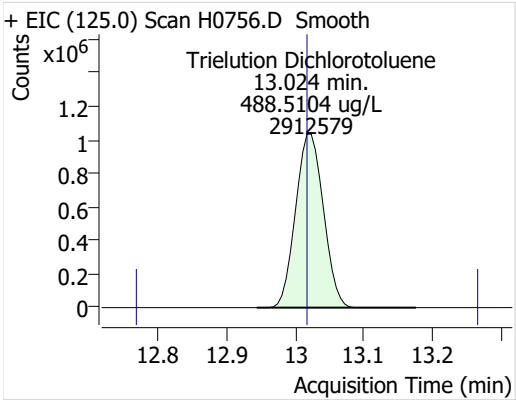


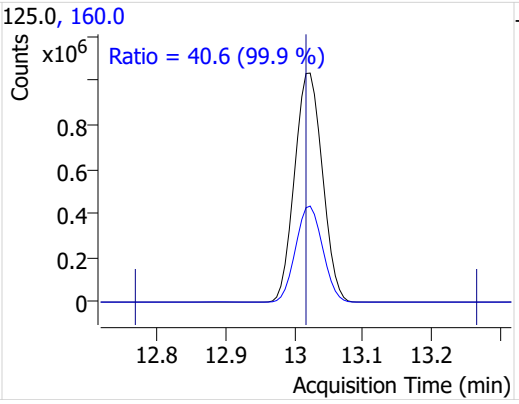


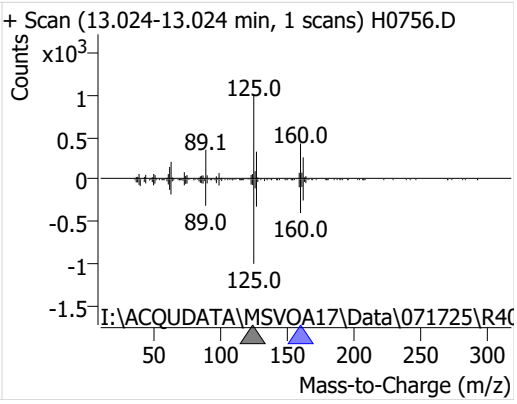


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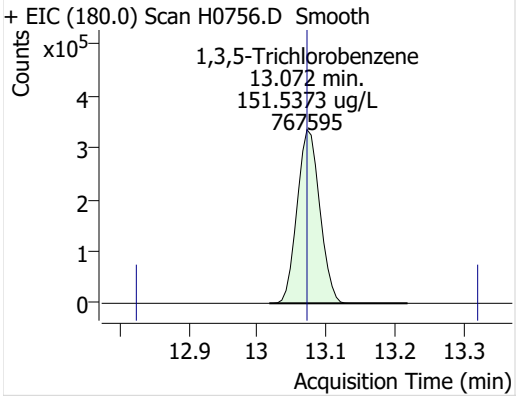
Trielution Dichlorotoluene

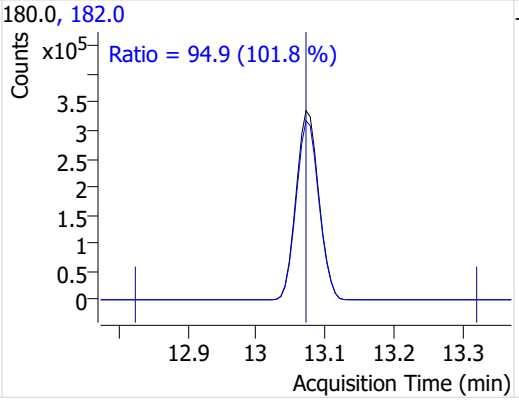


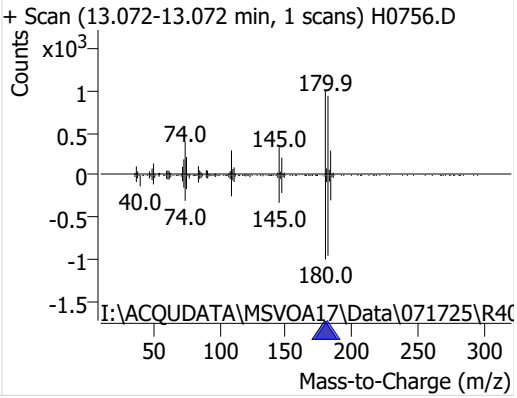




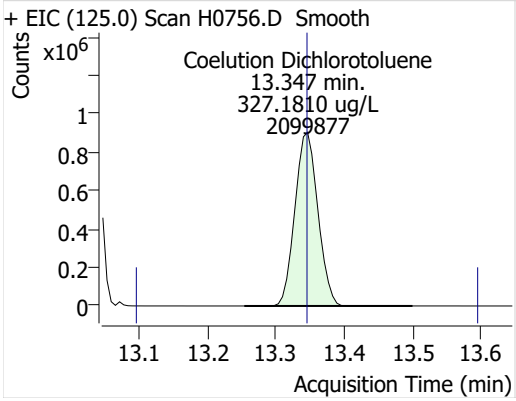
1,3,5-Trichlorobenzene

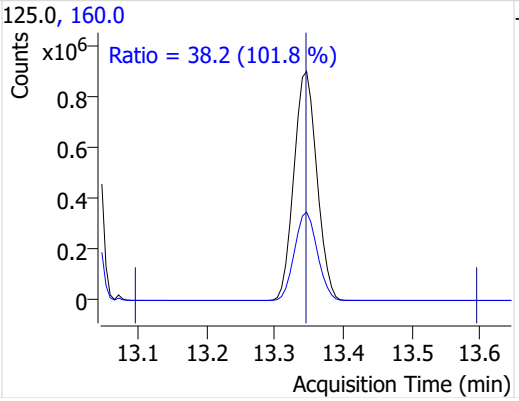


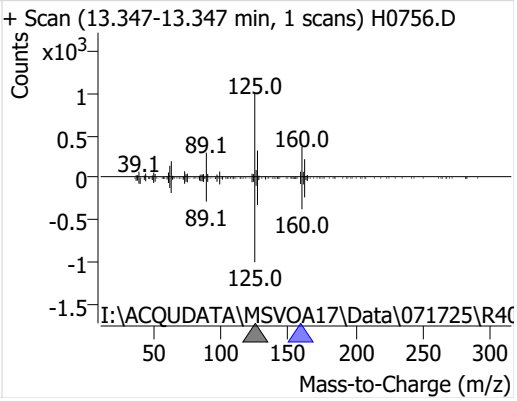




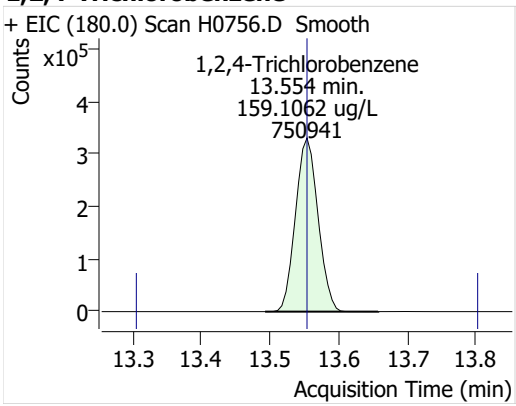
Coelution Dichlorotoluene

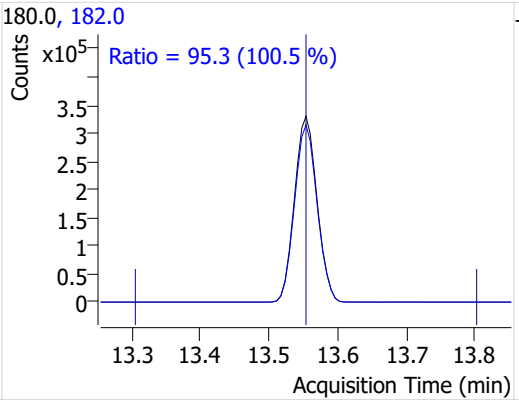


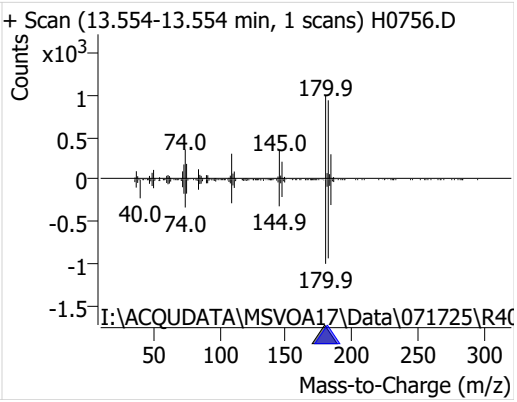




1,2,4-Trichlorobenzene

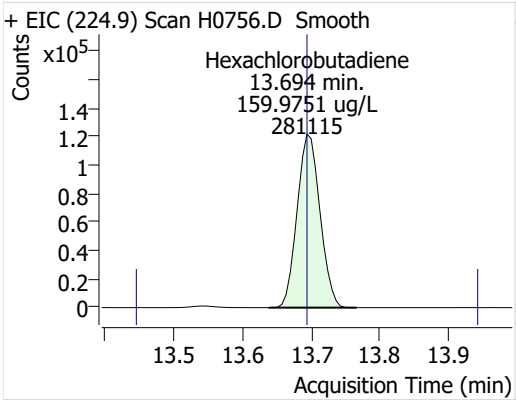


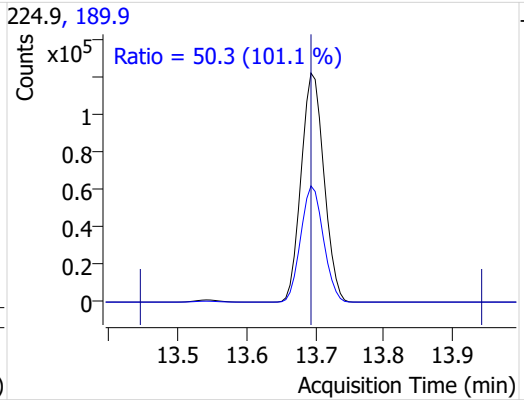


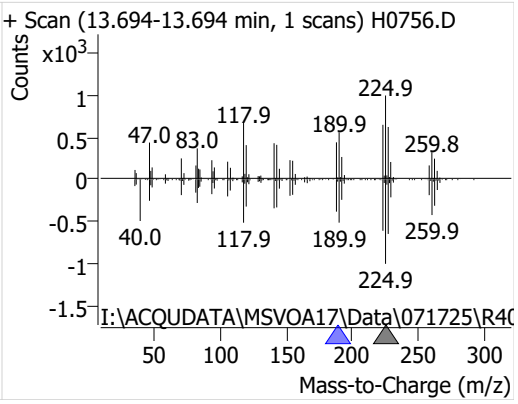


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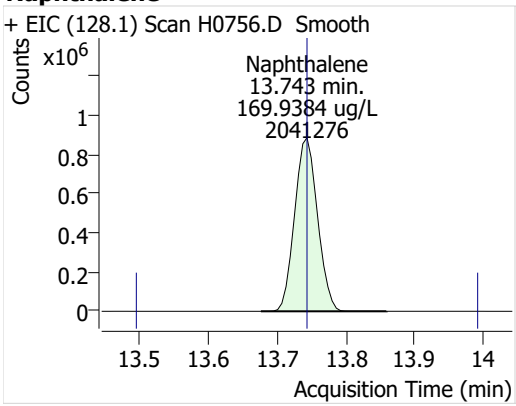
Hexachlorobutadiene

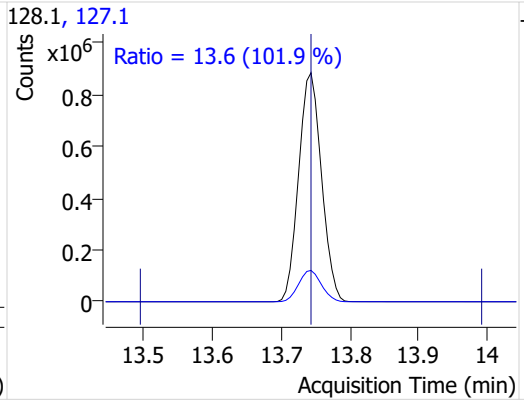


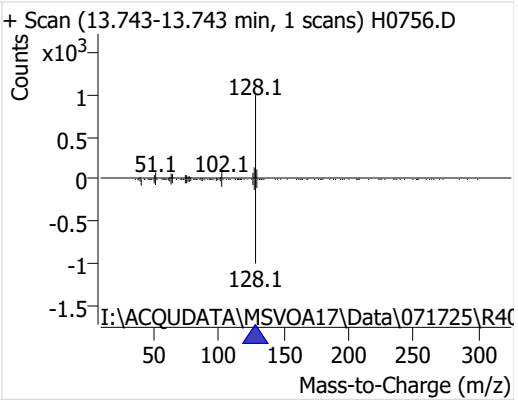




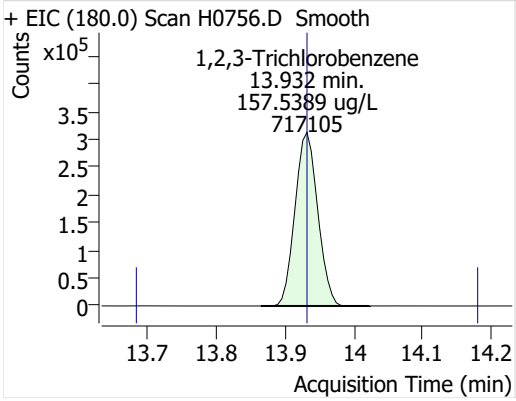
Naphthalene

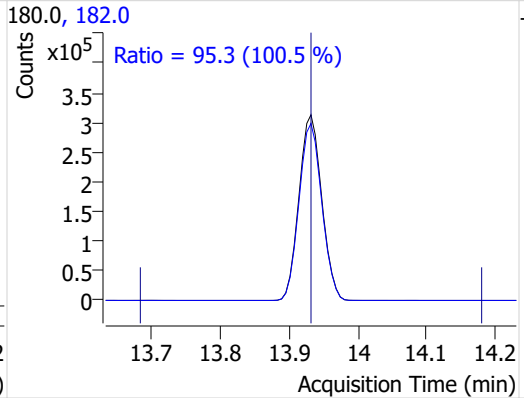


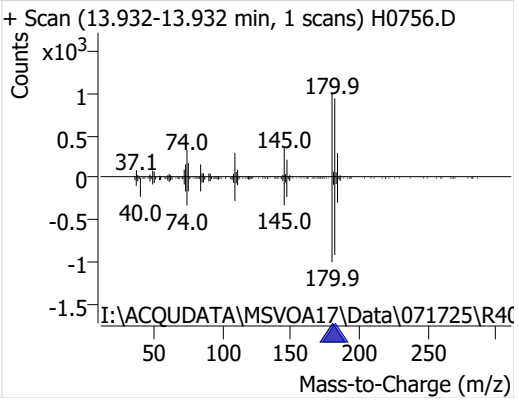




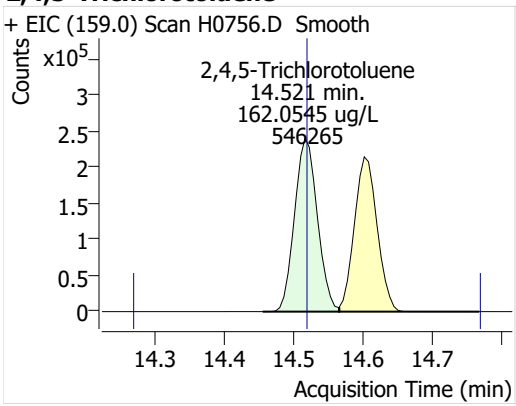
1,2,3-Trichlorobenzene

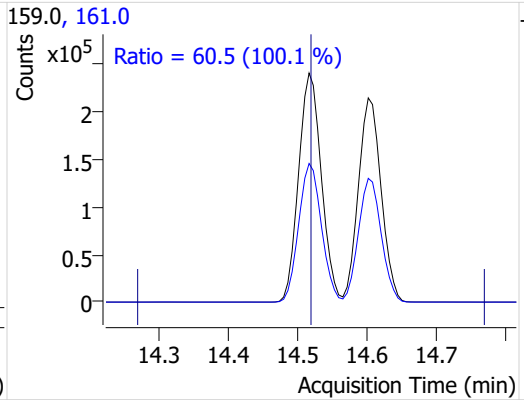


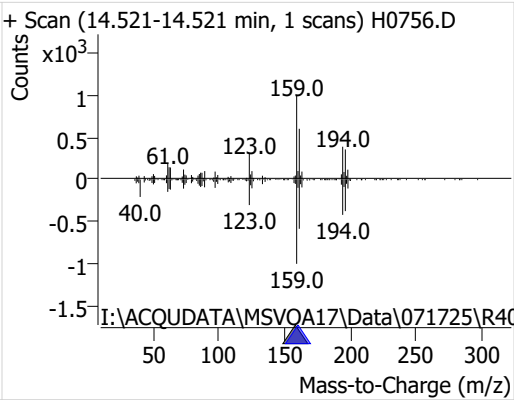




2,4,5-Trichlorotoluene

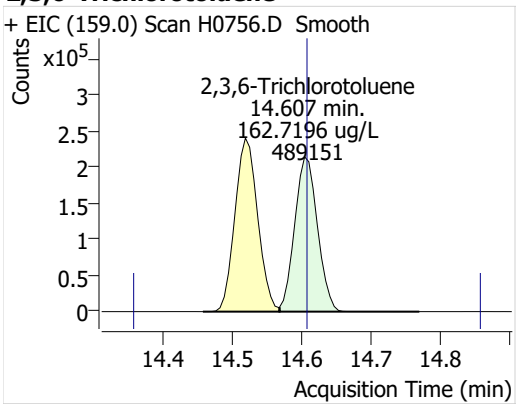


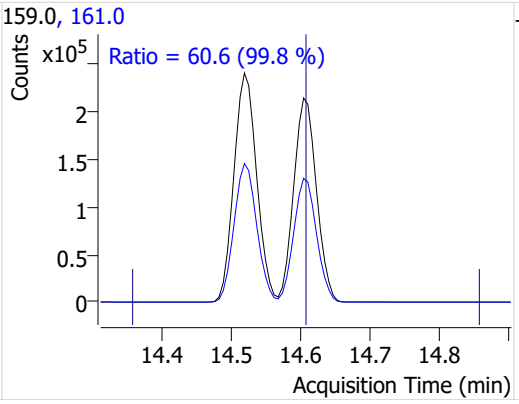


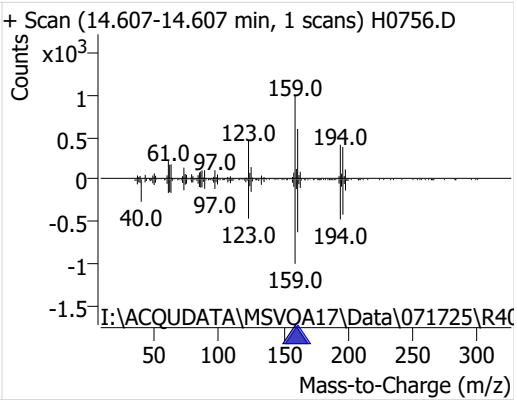


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2,3,6-Trichlorotoluene





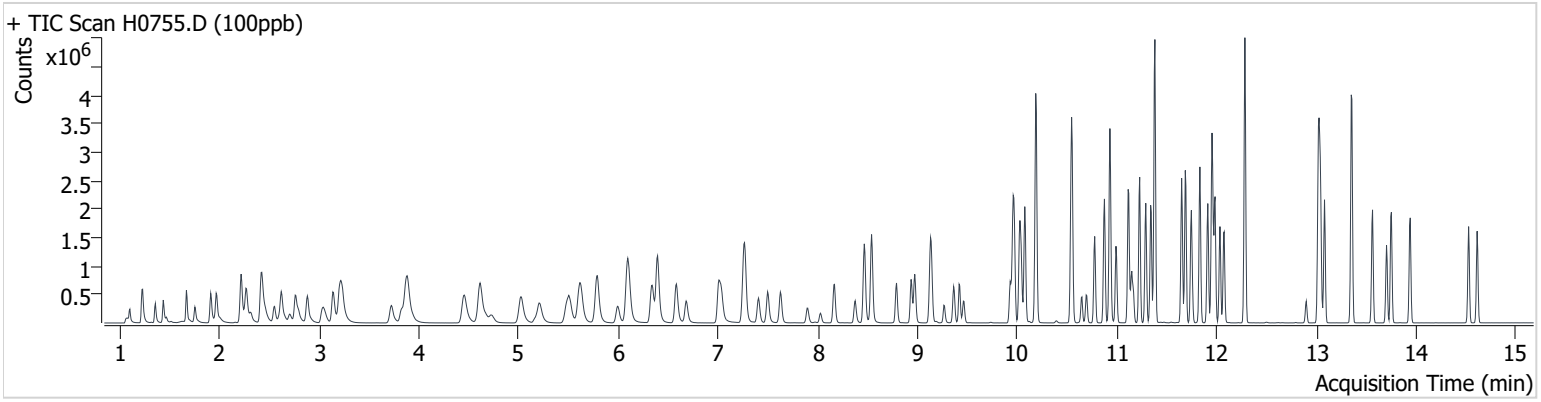


Masshunter Quantitative Analysis Sample Report

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.628	0.003	238529	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	385648	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	333904	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	212908	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	245193	98.6213	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	926193	96.3834	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.002	340818	99.4853	ug/L
1,1,2-dichloroethane-d4	65.0	0.898	0.000	5.988	0.000	280048	97.5907	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.001	308545	105.5255	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.001	291765	100.4670	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.002	261357	98.2292	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.002	315540	101.2895	ug/L
Bromomethane	94.000	0.296	0.001	1.665	0.007	253029	107.2244	ug/L
Chloroethane	64.000	0.311	0.001	1.750	0.007	212550	93.1200	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.002	466951	99.3991	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.002	442538	104.0344	ug/L
Freon 123a	117.000	0.393	0.001	2.211	0.003	248137	97.8778	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.003	221323	101.3832	ug/L
Freon 123	83.000	0.402	0.000	2.264	0.003	371622	97.4885	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.002	79214	515.4031	ug/L
1,1-Dichloroethene	61.000	0.428	0.000	2.410	0.003	405211	104.9666	ug/L
Freon 113	101.000	0.431	0.001	2.425	0.003	275941	103.9247	ug/L
Acetone	43.000	0.436	0.000	2.455	0.003	99398	93.1725	ug/L
Iodomethane	142.000	0.452	0.001	2.546	0.004	358818	108.7983	ug/L
2-Propanol	45.000	0.464	0.001	2.614	0.005	310667	1987.7201	ug/L
Carbon Disulfide	75.900	0.464	0.002	2.611	0.009	635012	98.1965	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.001	2.757	0.002	556417 LT	640.8006	ug/L
Methyl Acetate	43.000	0.495	0.001	2.786	0.003	199474	94.2623	ug/L

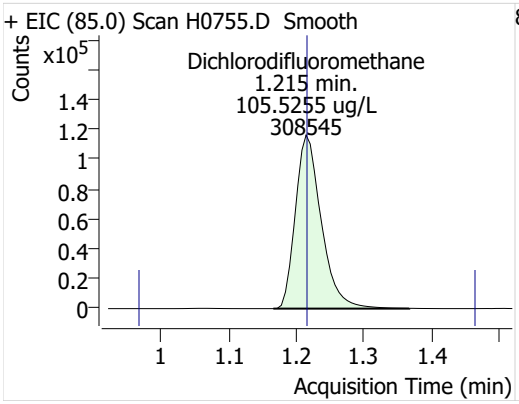
Masshunter Quantitative Analysis Sample Report

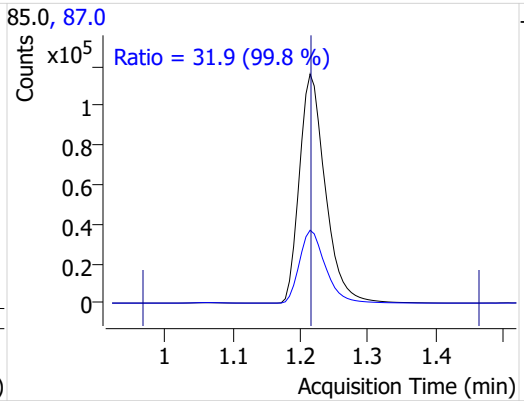
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.510	0.001	2.873	0.003	251747	97.1282	ug/L
TBA	59.000	0.539	0.000	3.031	0.003	507604	2104.1514	ug/L
Acrylonitrile	53.000	0.557	0.000	3.135	0.003	551567	502.6667	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.001	3.196	0.003	358733	104.9982	ug/L
MTBE	73.000	0.572	0.001	3.220	0.004	766231	107.3313	ug/L
1,1-Dichloroethane	63.000	0.660	0.001	3.714	0.004	449380	102.6614	ug/L
Vinyl Acetate	43.000	0.679	0.001	3.822	0.004	426921	115.5767	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.861	0.004	222948	108.4525	ug/L
Diisopropyl ether	45.000	0.689	0.001	3.879	0.004	808283	108.1071	ug/L
ETBE	59.000	0.790	0.001	4.449	0.006	762914	109.0398	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.001	4.607	0.005	285287	104.4903	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.610	0.005	366971	112.2175	ug/L
2-Butanone	43.000	0.830	0.001	4.671	0.007	137139	102.1538	ug/L
Propionitrile	54.000	0.839	0.001	4.720	0.005	214253	508.0800	ug/L
Bromochloromethane	129.900	0.892	0.000	5.019	0.002	191363	99.7652	ug/L
Methylacrylonitrile	67.000	0.892	0.001	5.021	0.005	116533	106.0918	ug/L
Tetrahydrofuran	42.000	0.918	0.002	5.165	0.012	77919	95.6832	ug/L
Chloroform	83.000	0.924	0.001	5.202	0.006	446096	99.0819	ug/L
1,1,1-Trichloroethane	97.000	0.977	0.001	5.500	0.006	398451	107.8653	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	393444	107.2900	ug/L
Carbon Tetrachloride	116.900	0.866	0.001	5.775	0.002	367677 BA	111.5006	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	328062	106.9416	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	967731	104.8500	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	367453	102.9444	ug/L
Iso-Butyl Alcohol	43.000	0.915	0.000	6.101	0.002	207335	1981.8586	ug/L
TAME	73.000	1.125	0.001	6.330	0.007	721969	111.1952	ug/L
n-Heptane	43.000	0.986	0.000	6.576	0.001	375312	108.9037	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	296094	104.3741	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	365484	5753.9393	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	366725	109.5940	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	270613	106.6207	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	179492	99.0830	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	75792	2028.9087	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	192415	110.5232	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	352800	104.8291	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	189500	201.1848	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	84963	112.2247	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.158	0.000	374294	111.8171	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.368	0.001	250413	102.0766	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	1111471	110.0395	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	324109	110.2041	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	344531	112.2810	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	242512	104.1799	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	274974	109.0708	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	395892	102.5515	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.003	97611	103.4712	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	295511	109.8599	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	404196	112.1550	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	225418	100.5849	ug/L
Chlorobenzene	112.000	1.003	0.001	9.951	0.003	750817	107.3473	ug/L
3-Chlorobenzotrifluoride	180.000	1.005	0.000	9.965	0.000	385128	105.7282	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.017	0.001	361767	104.7100	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	275827	113.2709	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	1213562	112.1995	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	1909190	234.3247	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.001	1007488	115.8130	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	861768	117.8839	ug/L
Bromoform	172.900	1.077	0.001	10.688	0.006	179192	108.9082	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	383221	105.0701	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	1178056	119.9017	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	1070040	2017.7405	ug/L

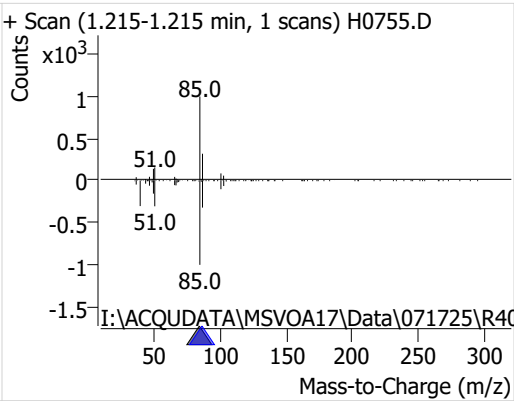
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.001	11.109	0.006	335183	99.1572	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	342832	101.8875	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.143	0.000	412421	98.7121	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.006	85549 BA	110.8799	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	1268556	93.9308	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	867671	106.8125	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.335	0.001	818393	100.0428	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.001	11.371	0.006	1165027	113.1182	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	1229007	111.2282	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.639	0.000	1108108	109.1441	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.681	0.001	1168099	115.7725	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	308477	103.1495	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.001	1450068	111.6739	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.001	651088	101.5906	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	1290938	115.1381	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	678805	100.5375	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.001	272862	98.8638	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.001	314553	99.0338	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	648425	103.5582	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	1157147	114.7801	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	81194	96.4771	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.003	1799094	314.5058	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	476643	98.0753	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.001	1326642	215.4402	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	464328	102.5381	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	173553	102.9388	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	1238473	107.4620	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	442570	101.3364	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.001	350118	108.2559	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.001	302996	105.0541	ug/L

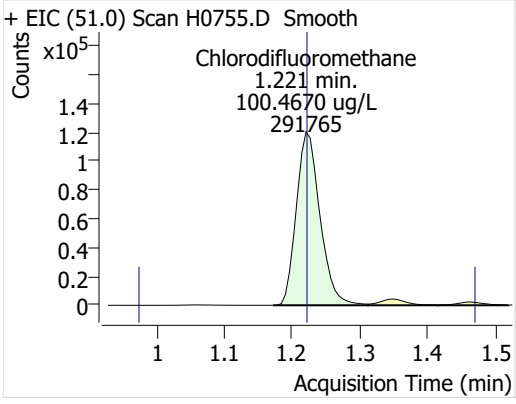
Dichlorodifluoromethane

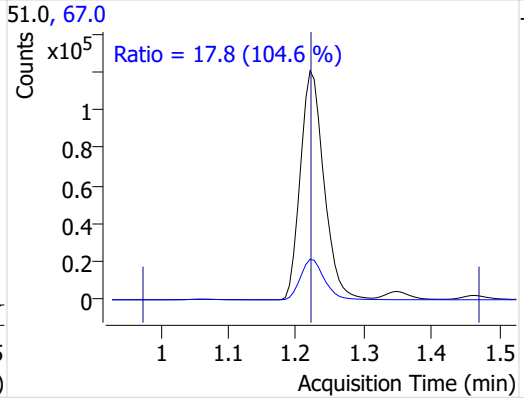


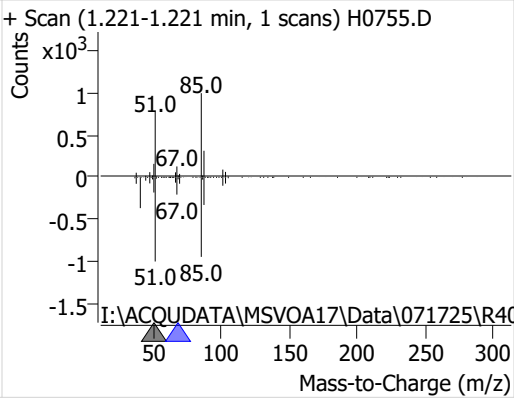




Chlorodifluoromethane

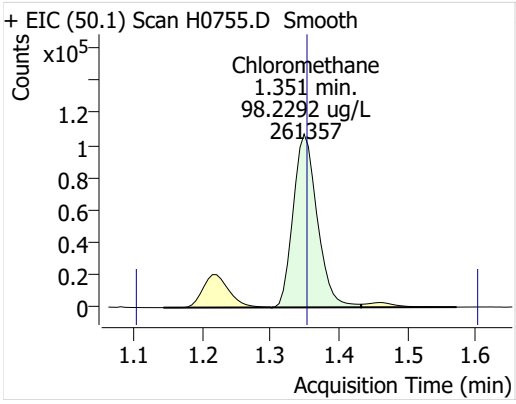


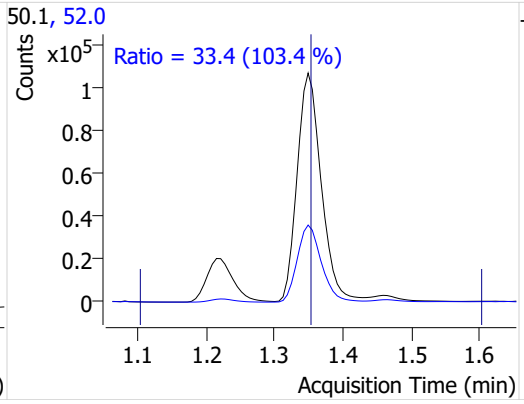


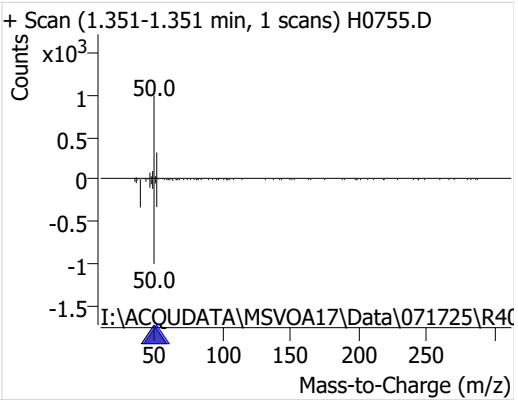


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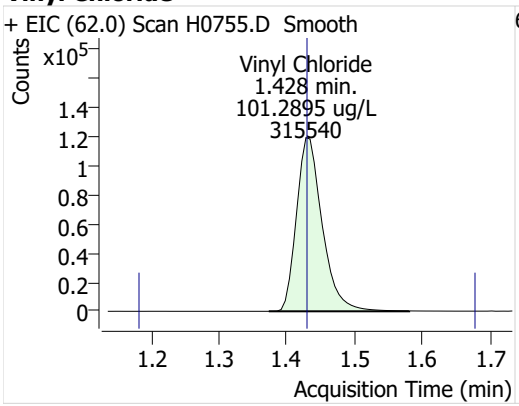
Chloromethane

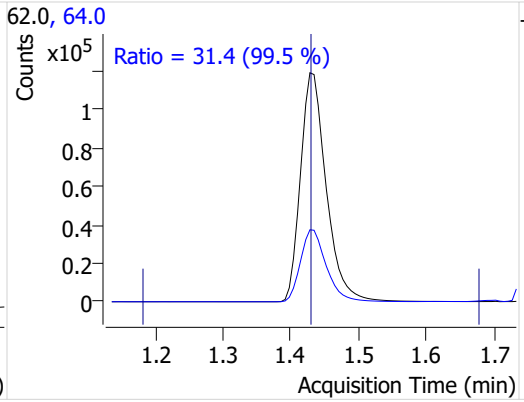


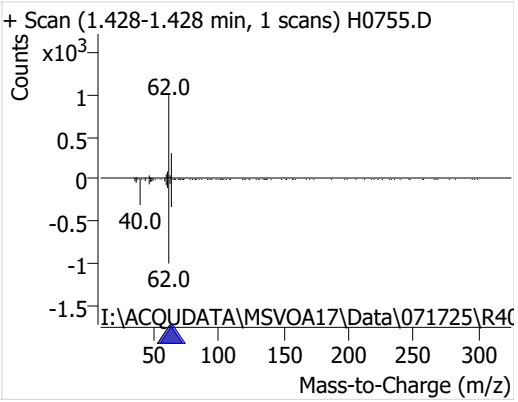




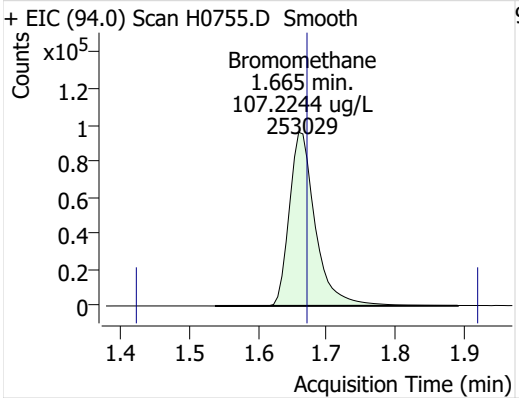
Vinyl Chloride

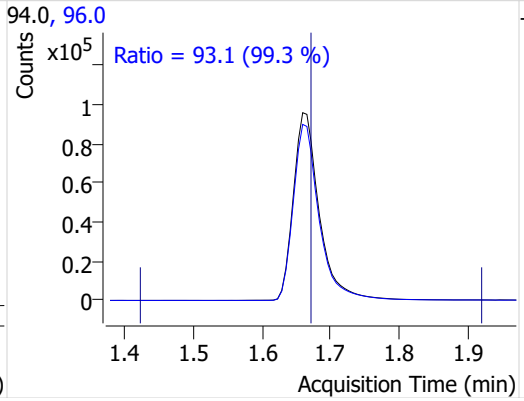


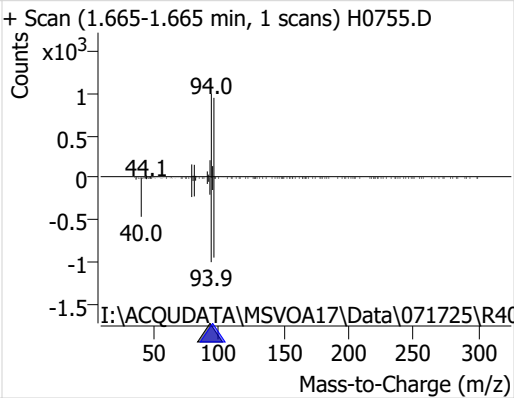




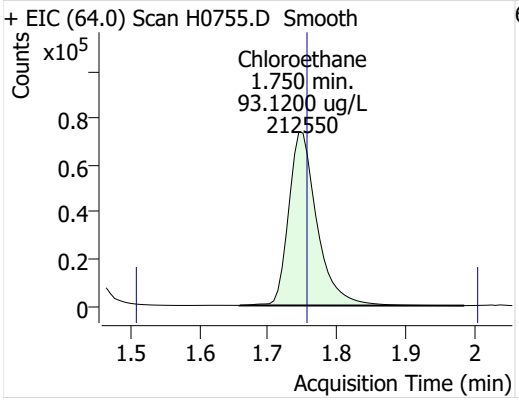
Bromomethane

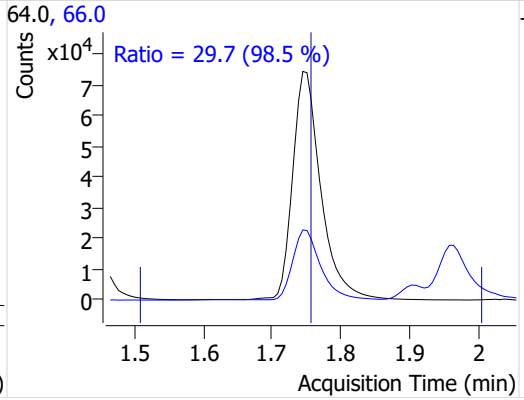


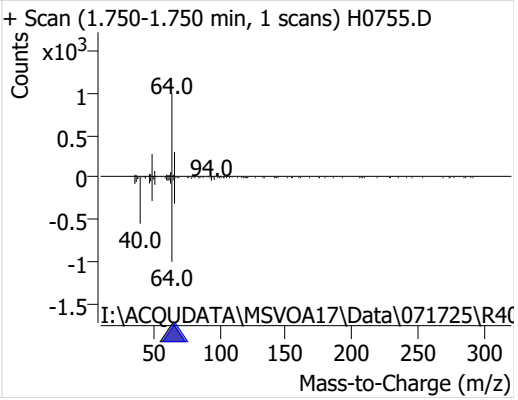




Chloroethane

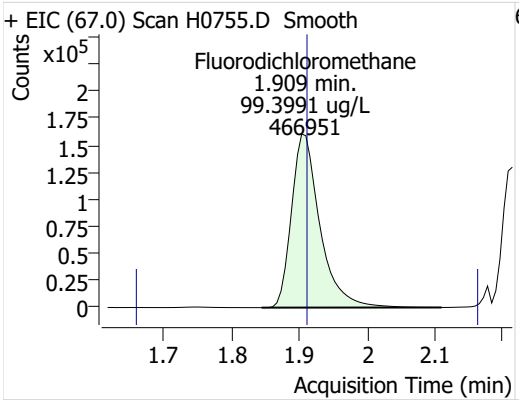


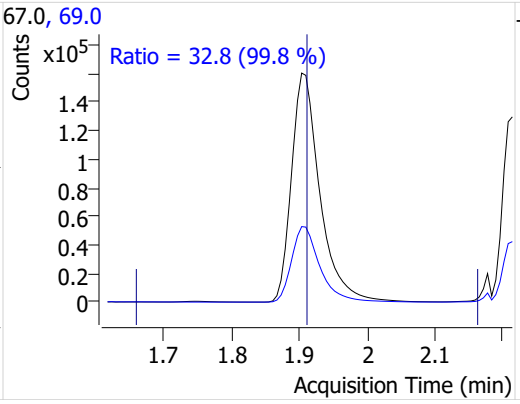


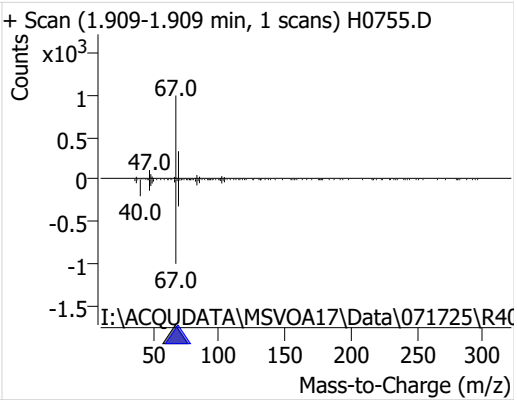


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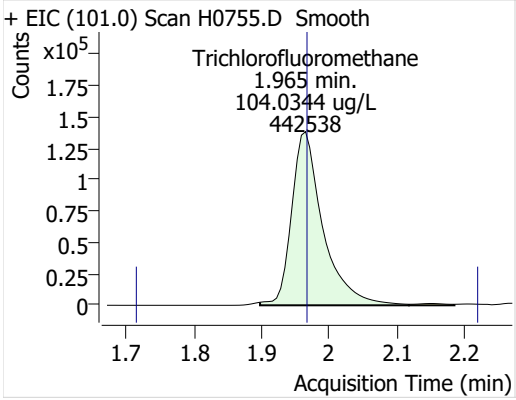
Fluorodichloromethane

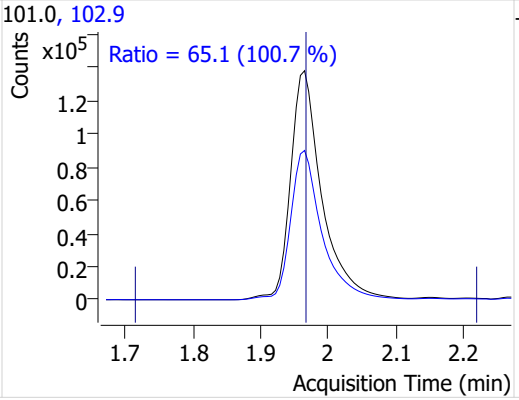


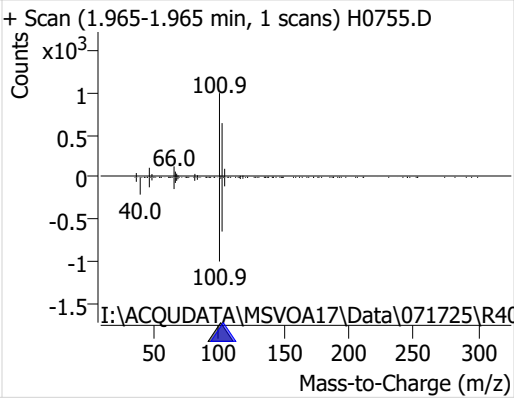




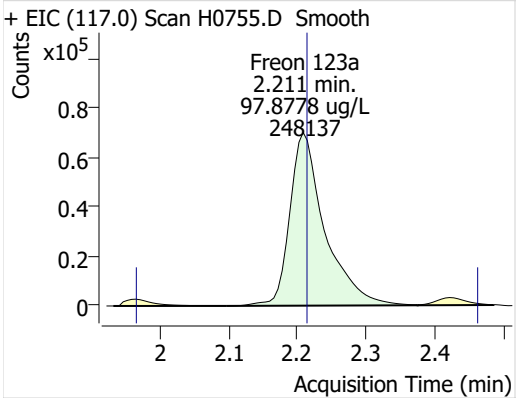
Trichlorofluoromethane

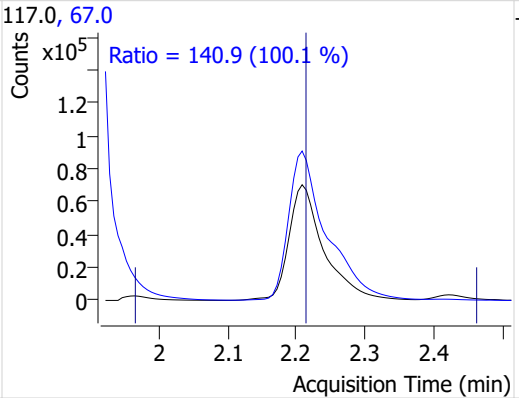


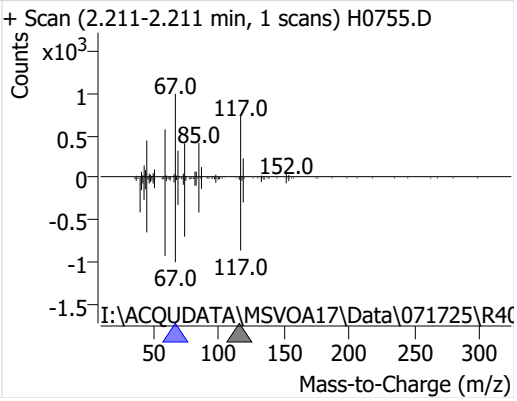




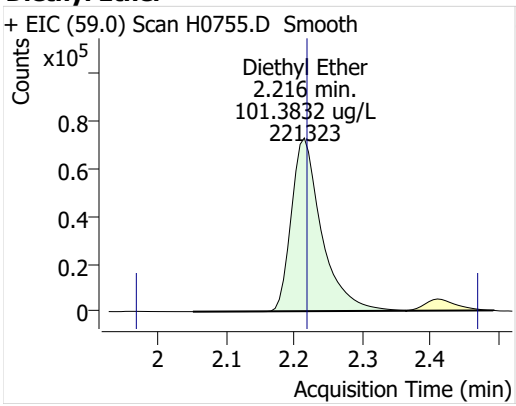
Freon 123a

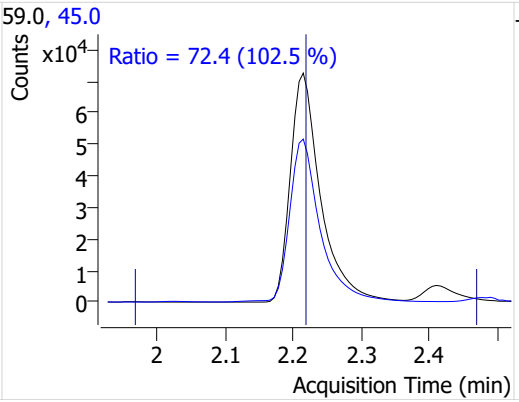


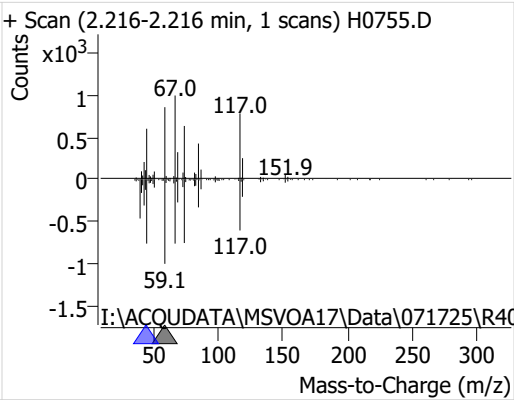




Diethyl Ether

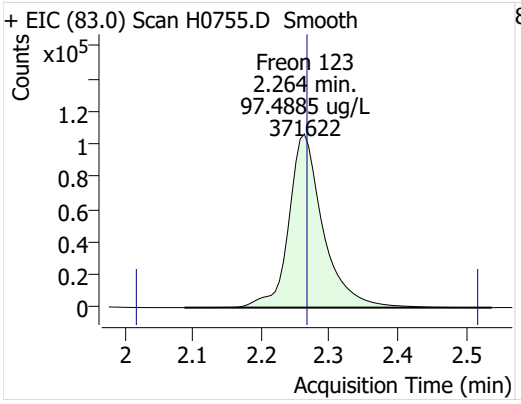


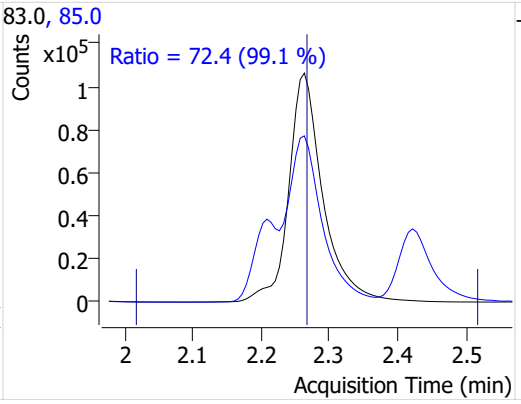


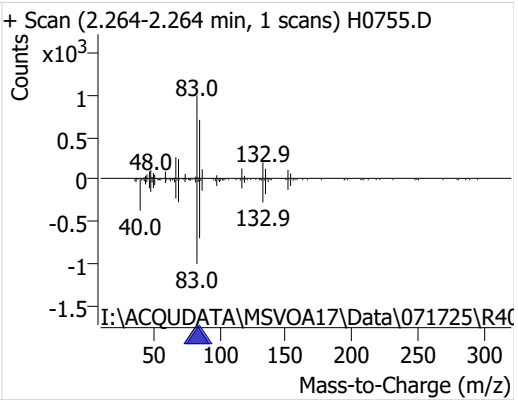


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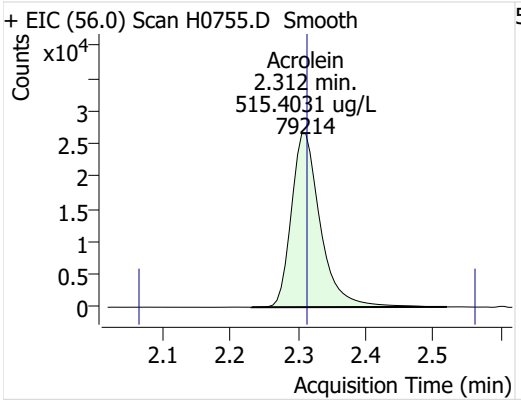
Freon 123

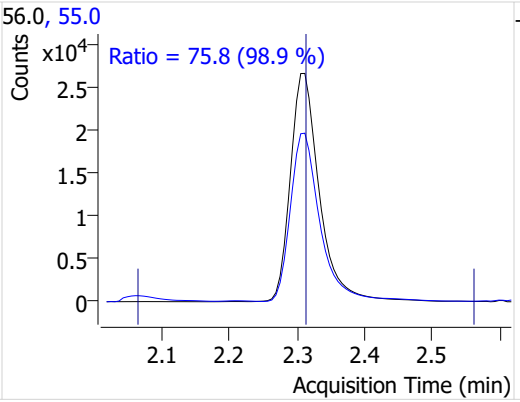


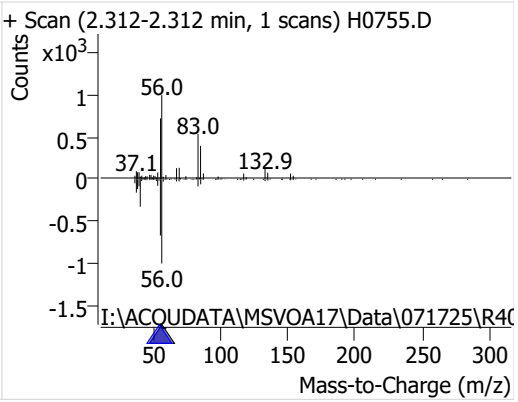




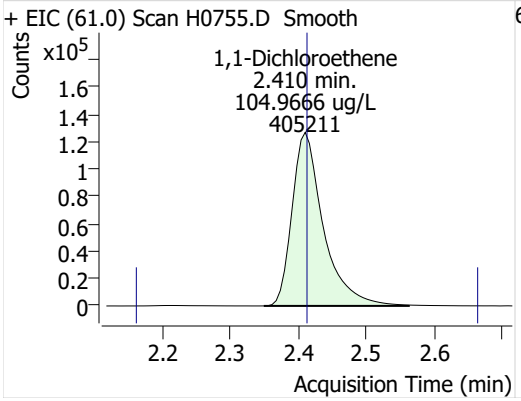
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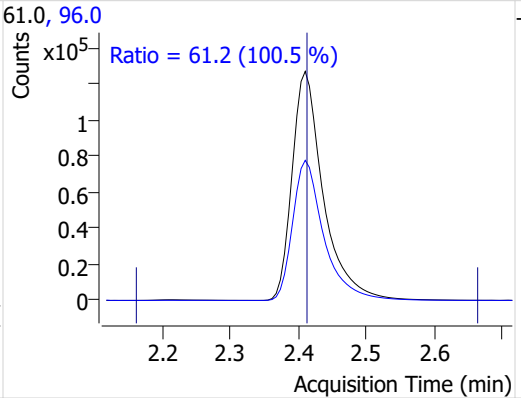


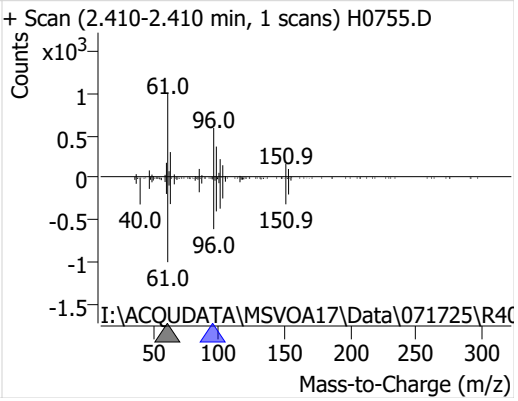




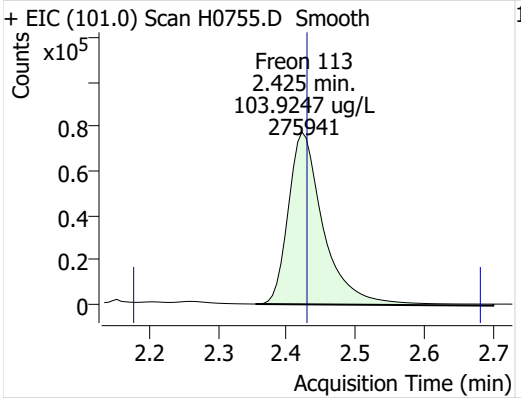
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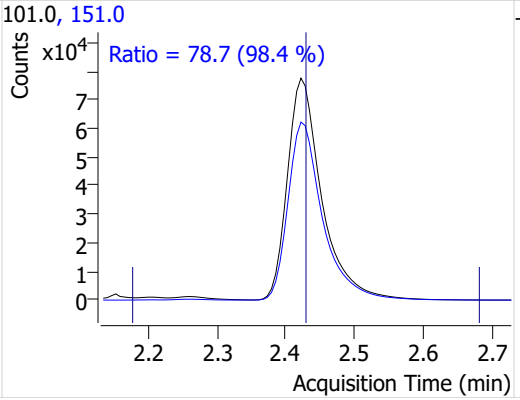


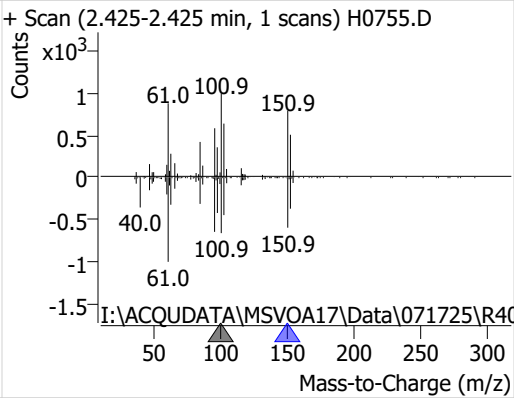




Freon 113

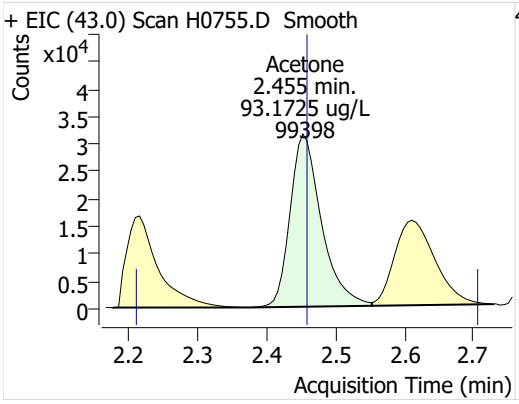


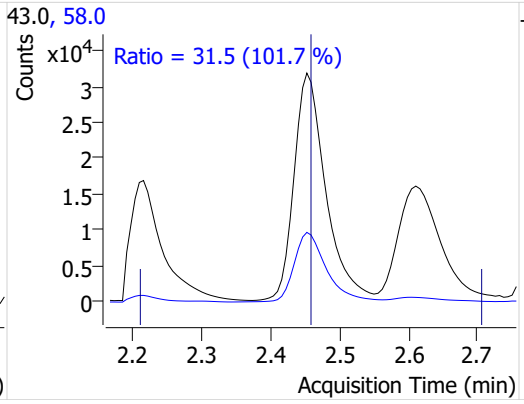


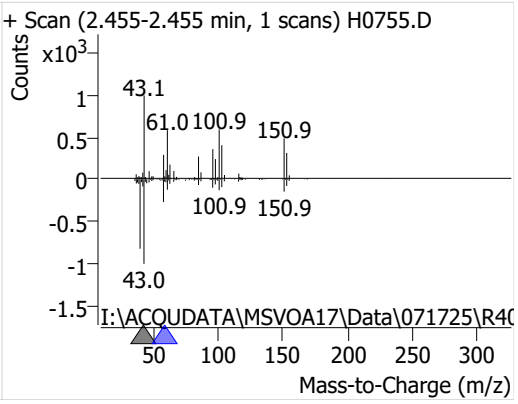


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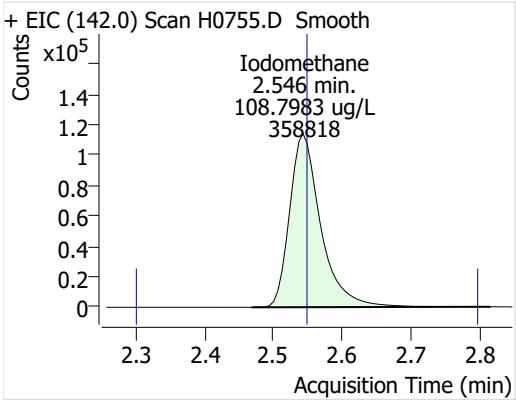
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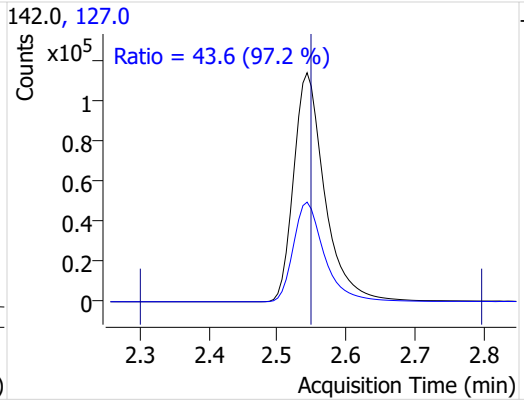


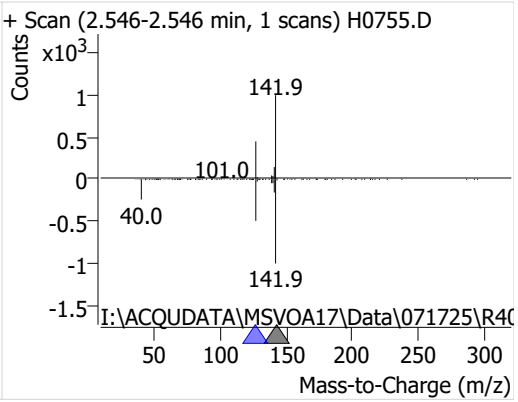




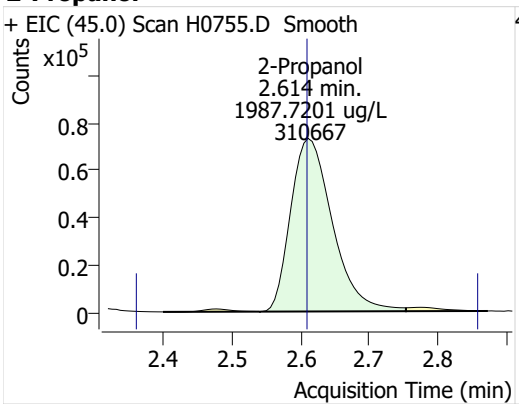
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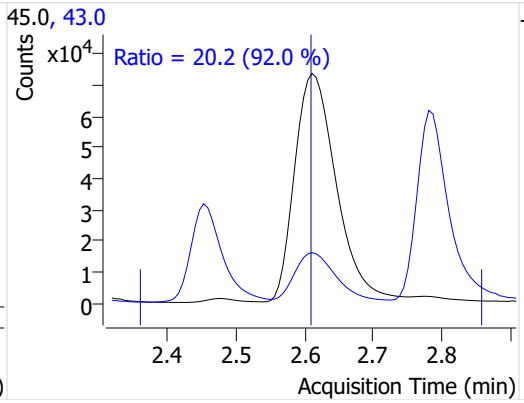


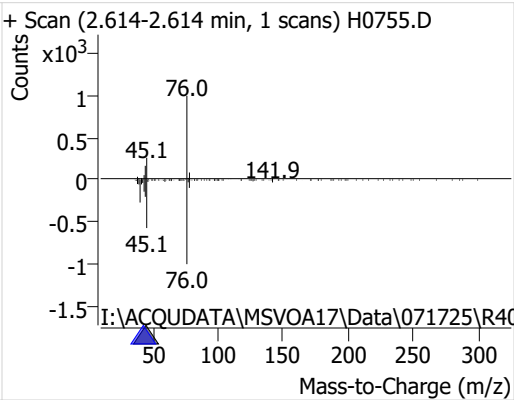




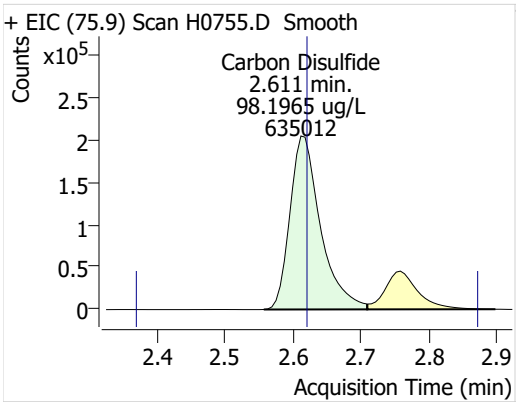
2-Propanol

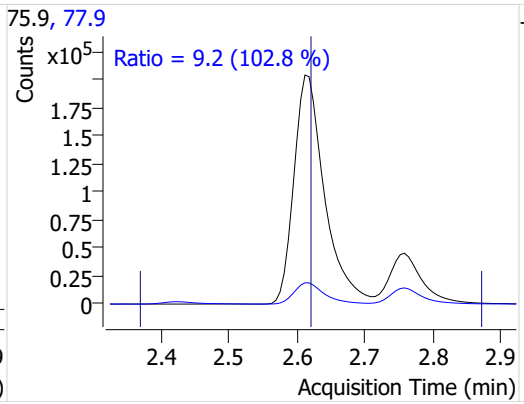


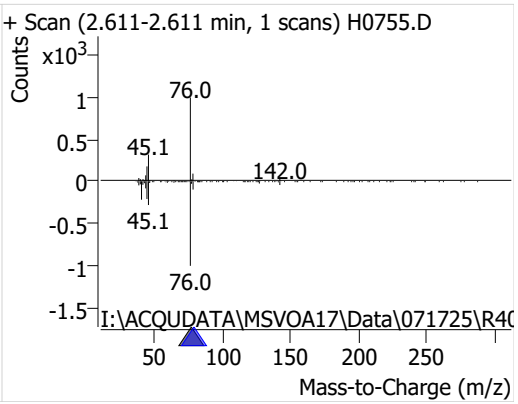




Carbon Disulfide

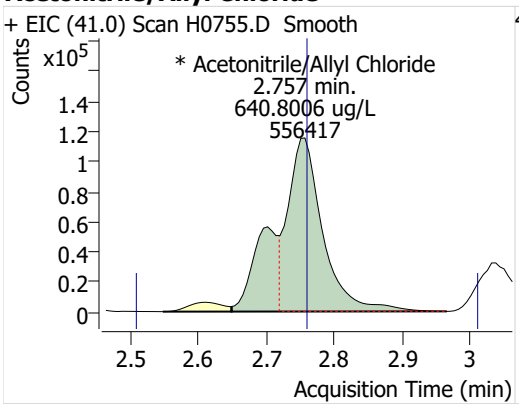


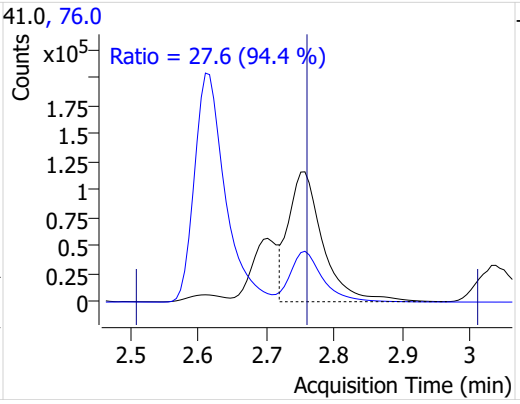


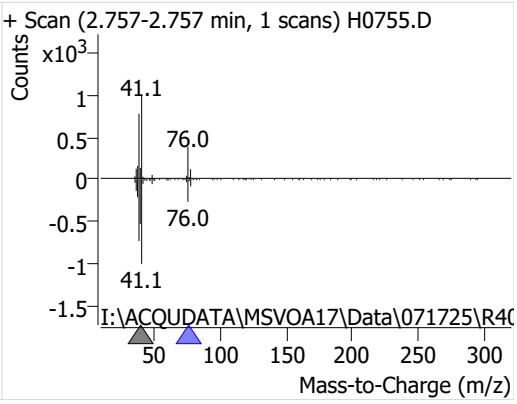


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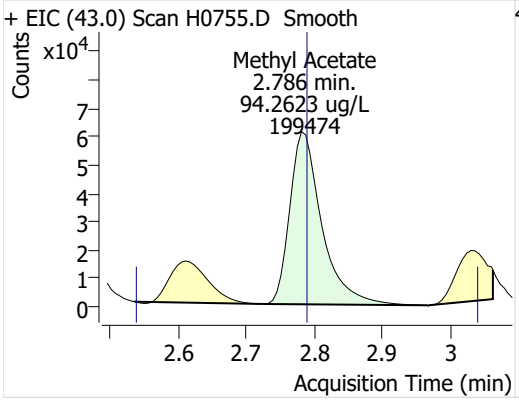
Acetonitrile/Allyl Chloride

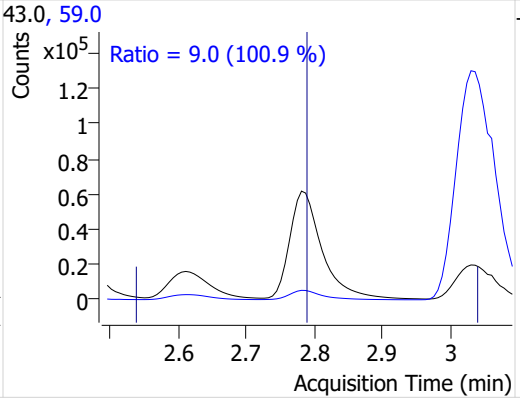


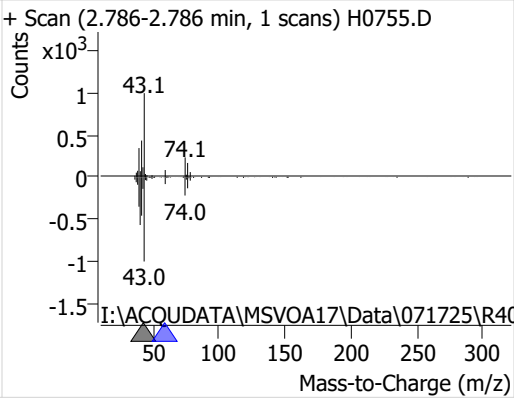




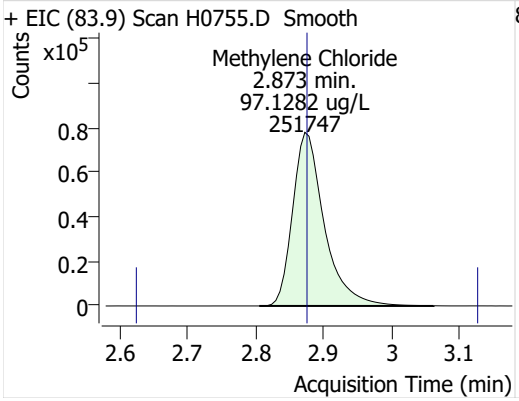
Methyl Acetate

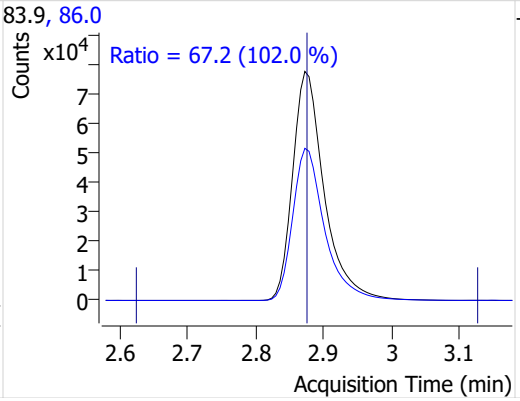


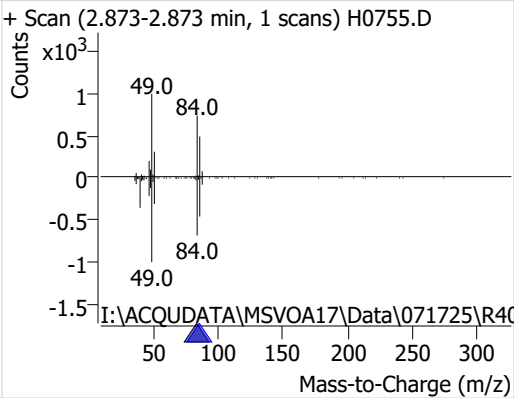




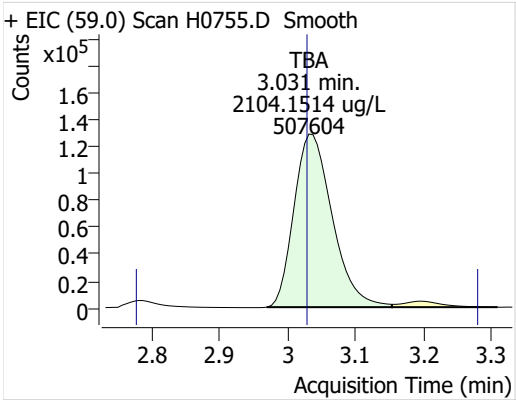
Methylene Chloride

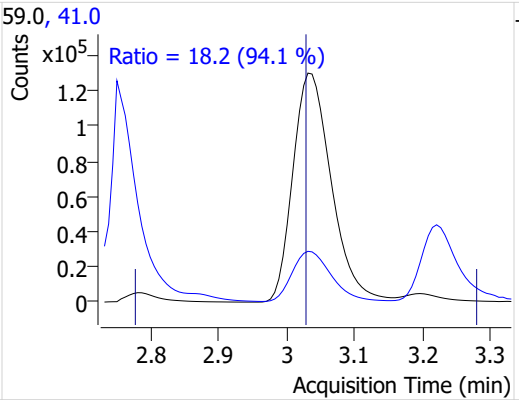


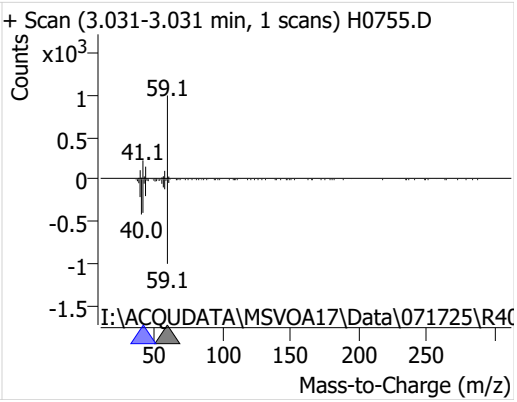




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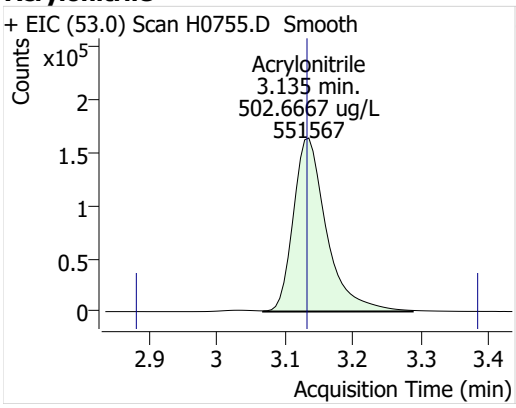


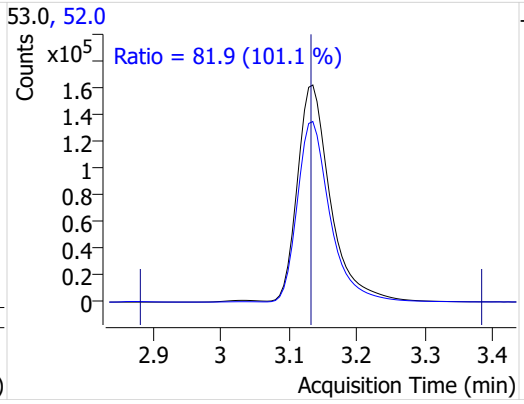


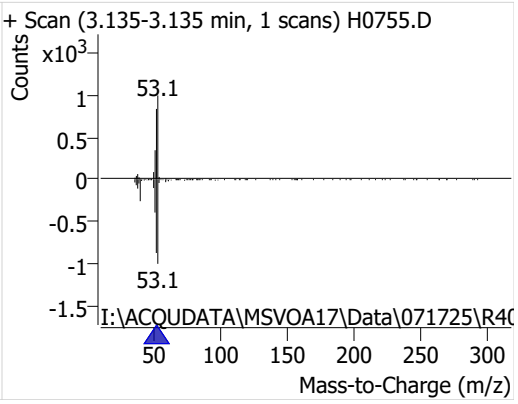


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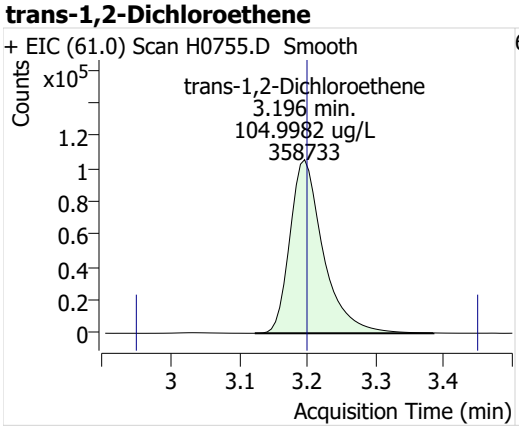
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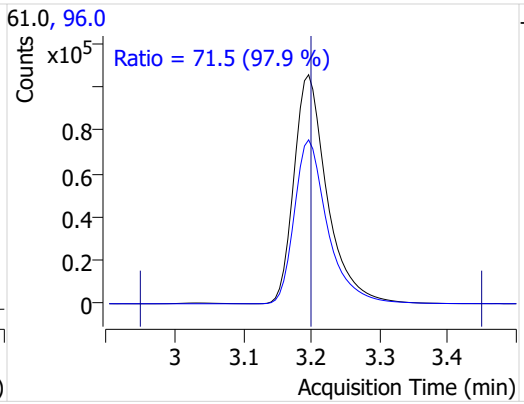


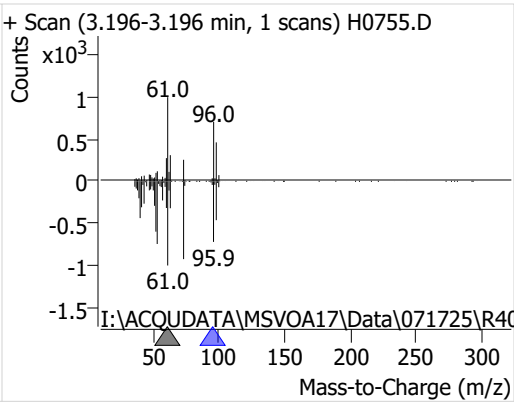




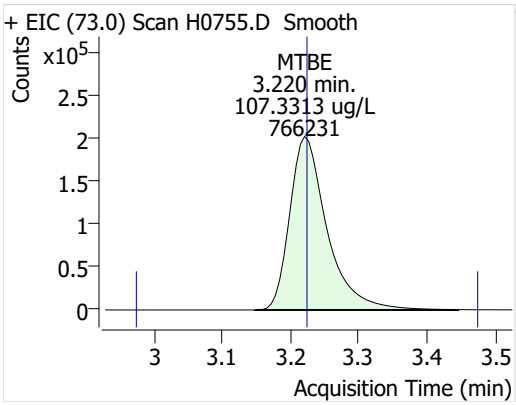
trans-1,2-Dichloroethene

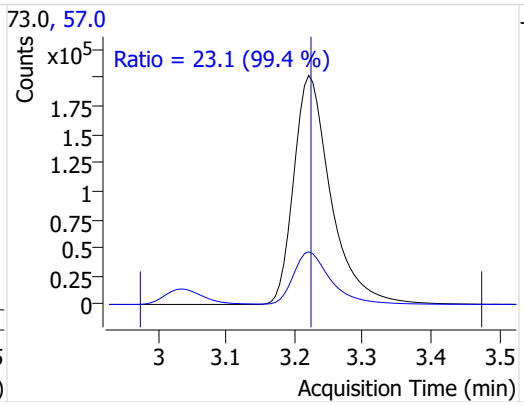


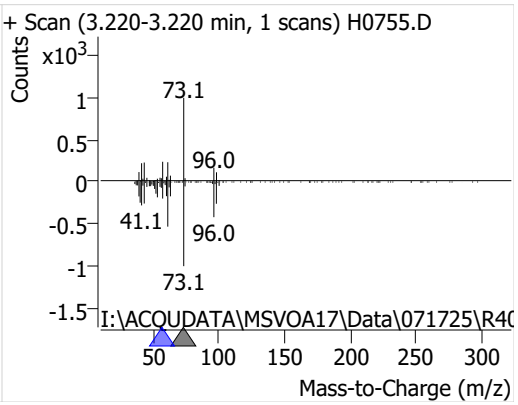




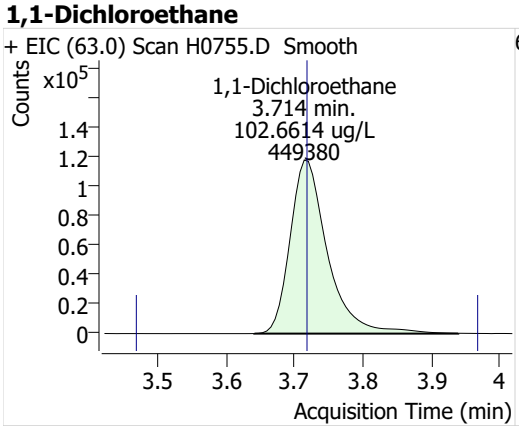
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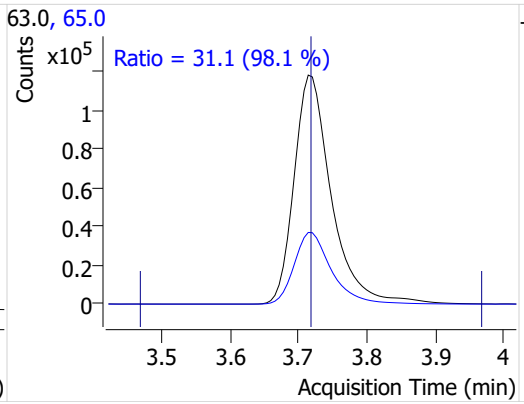


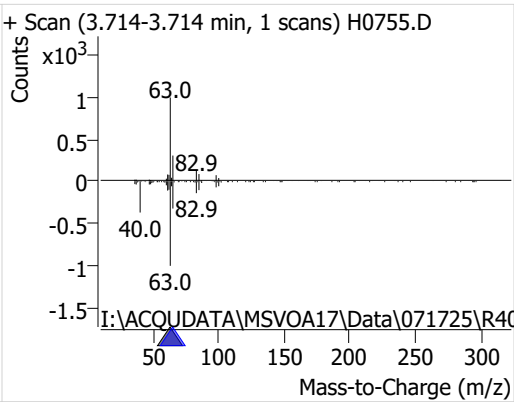




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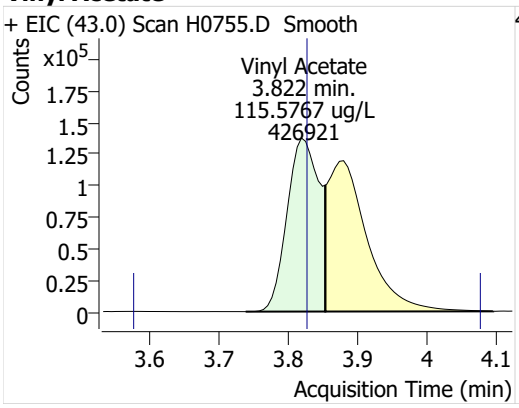


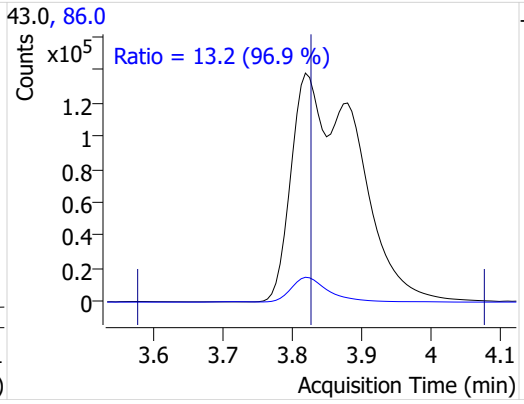


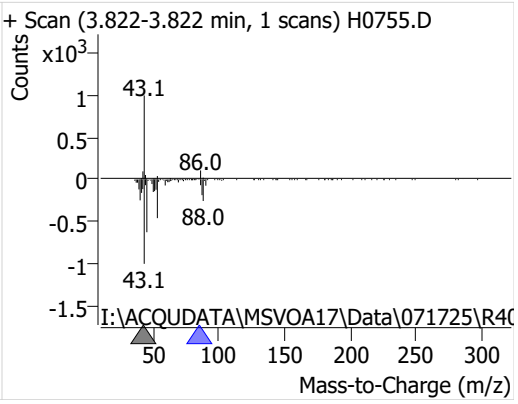


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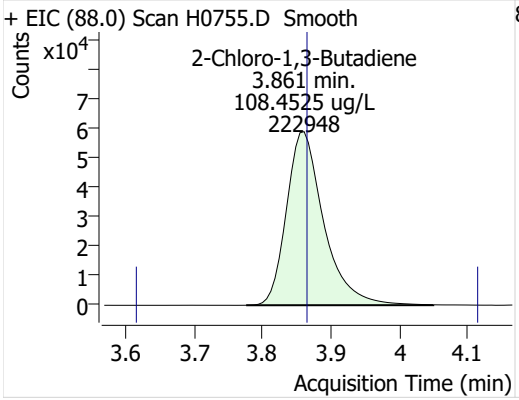
Vinyl Acetate

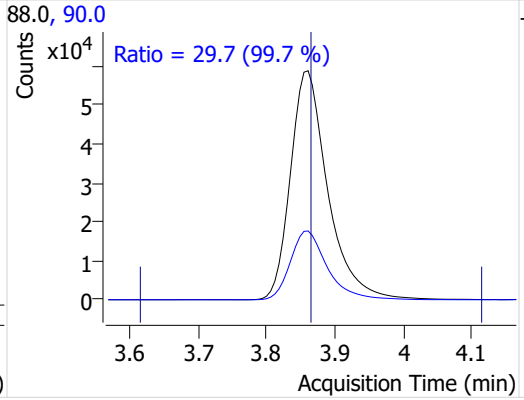


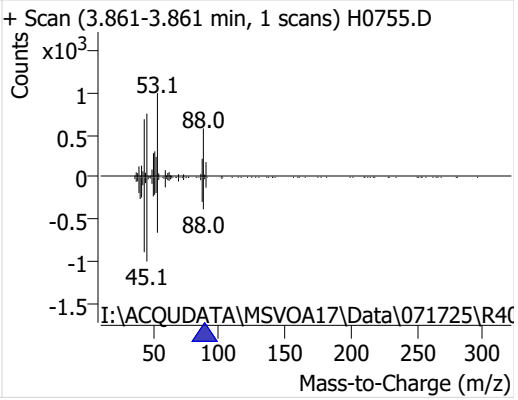




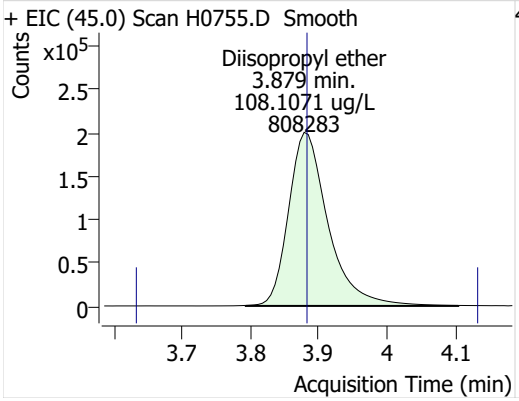
2-Chloro-1,3-Butadiene

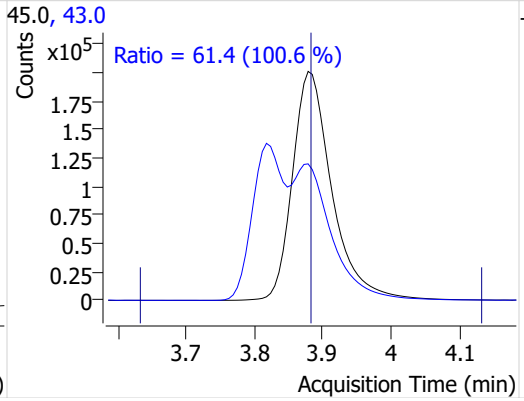


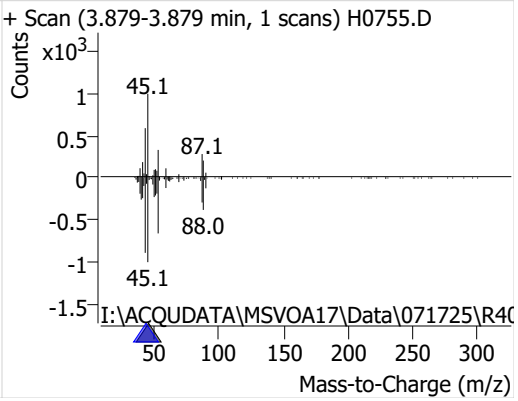




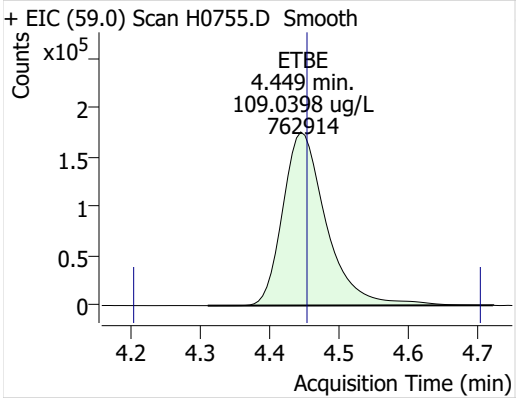
Diisopropyl ether

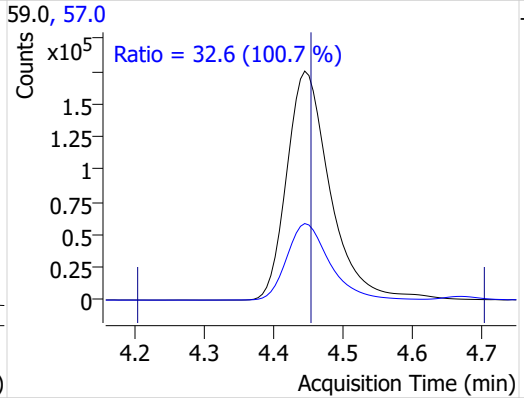


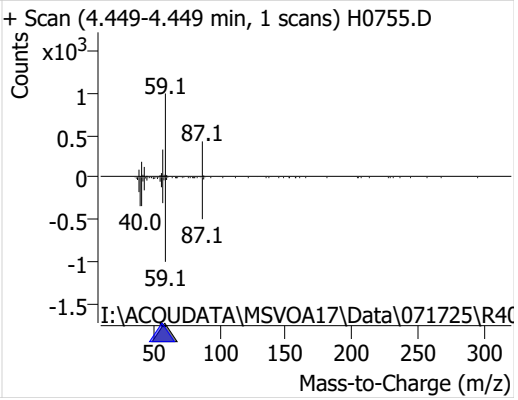




ETBE

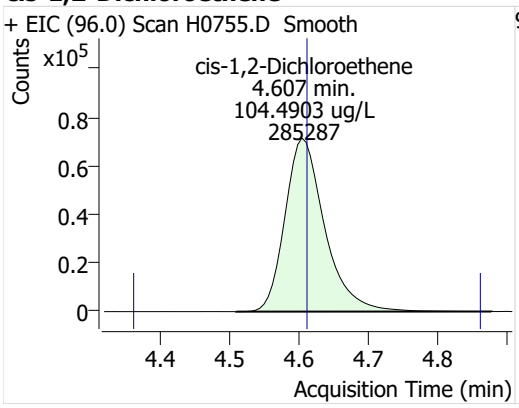


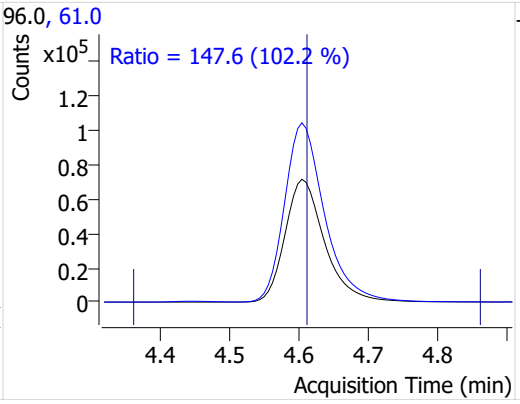


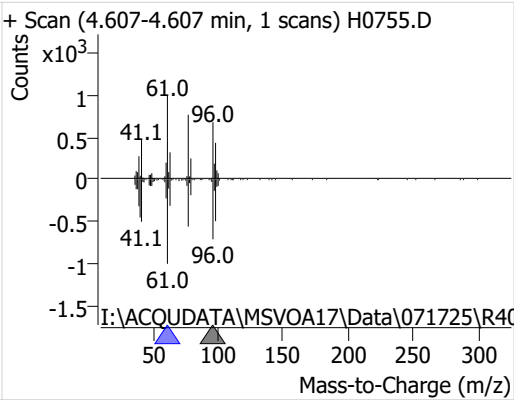


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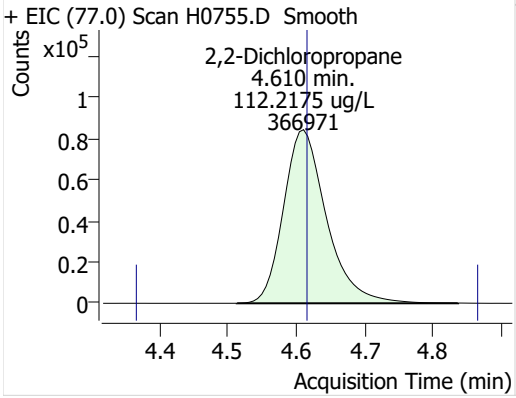
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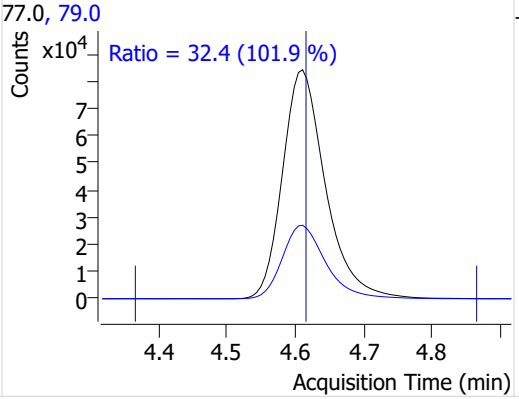


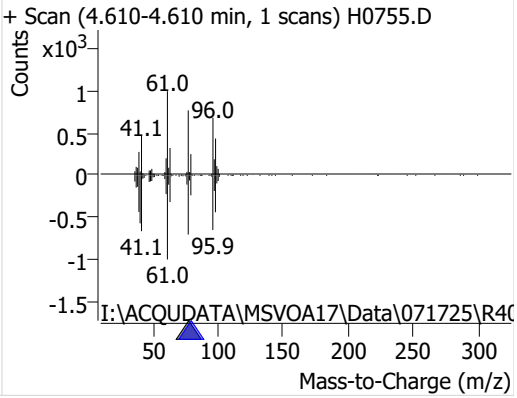




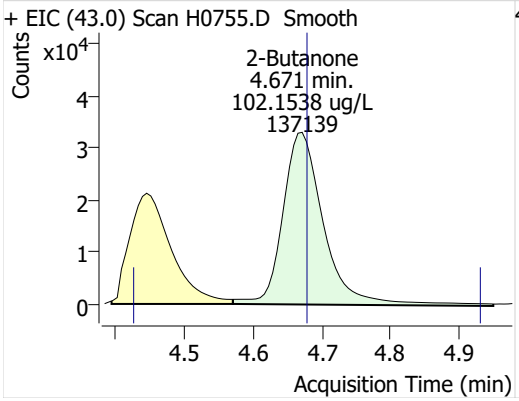
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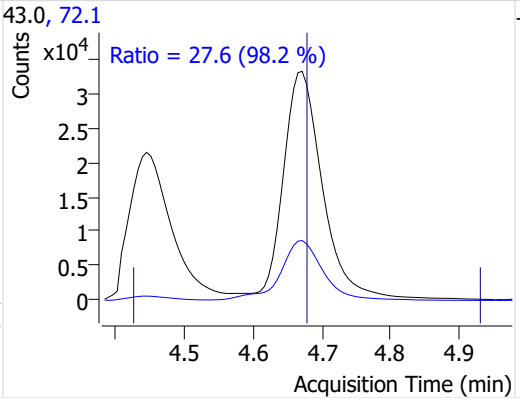


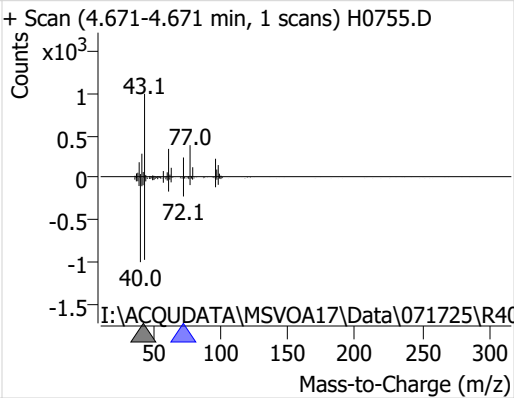




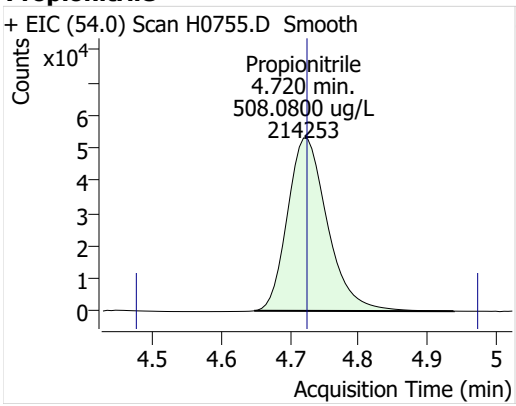
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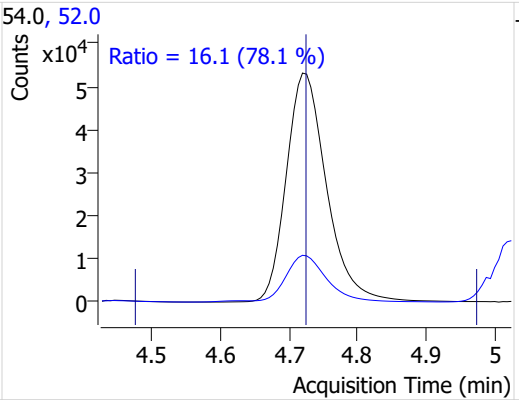


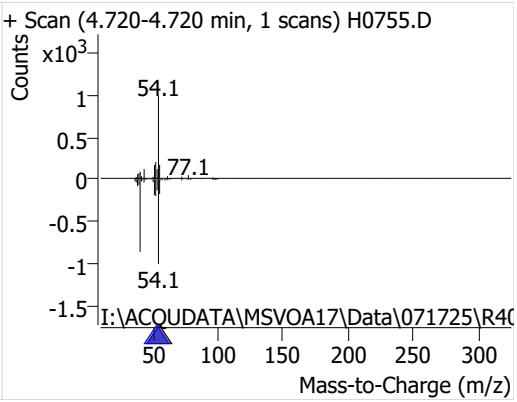




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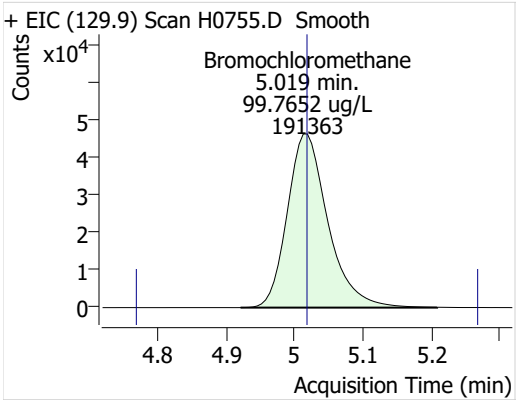


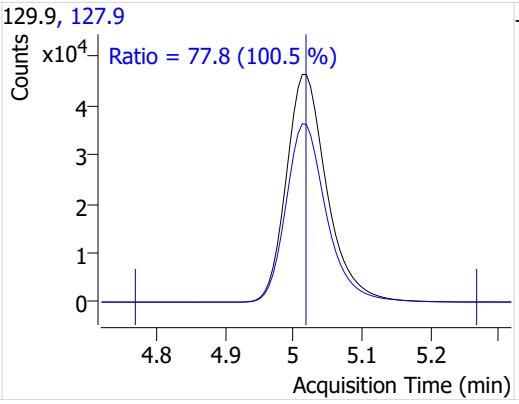


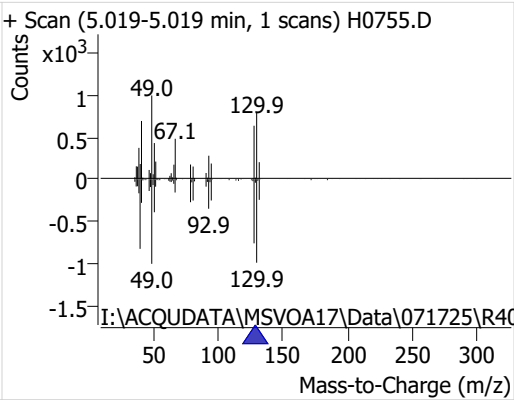


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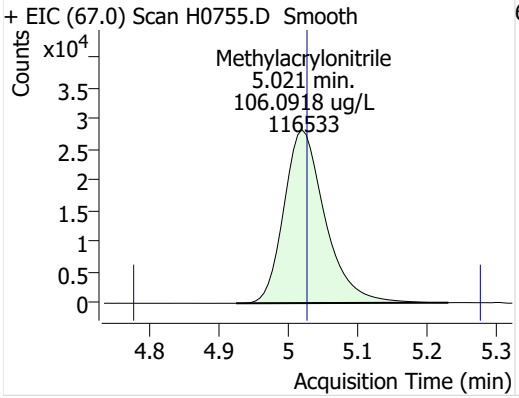
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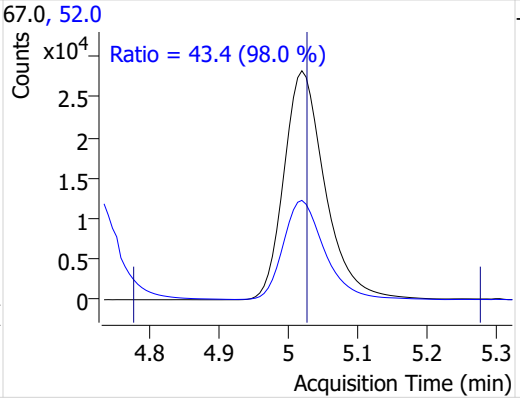


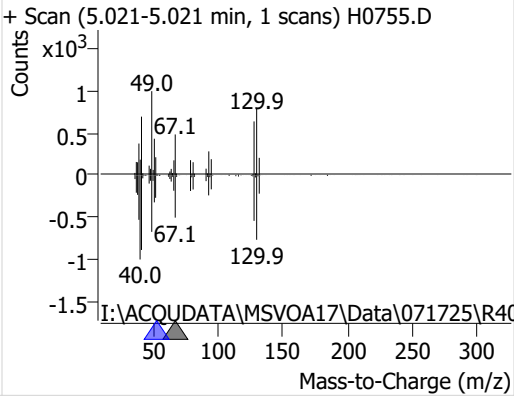




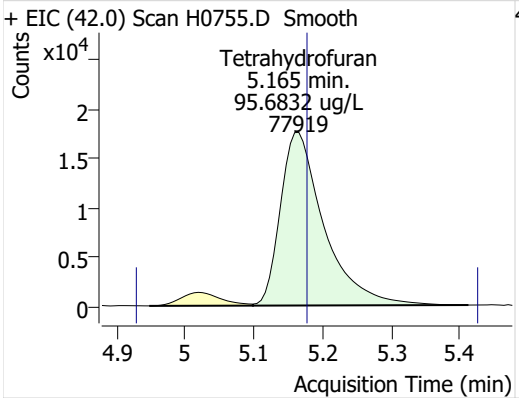
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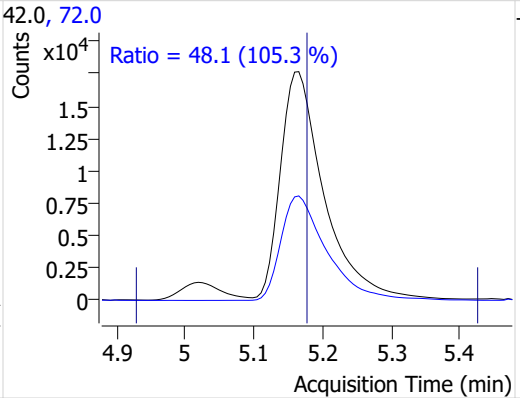


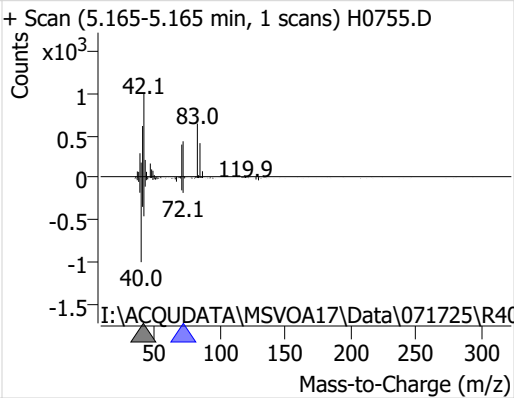




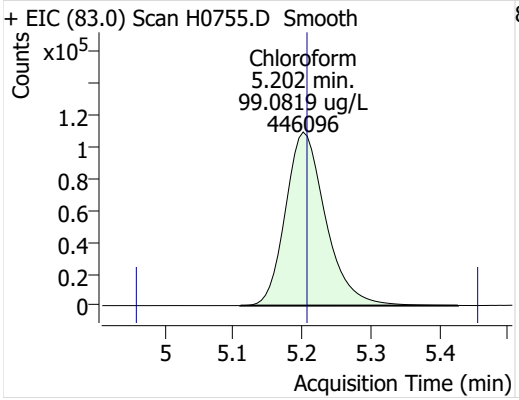
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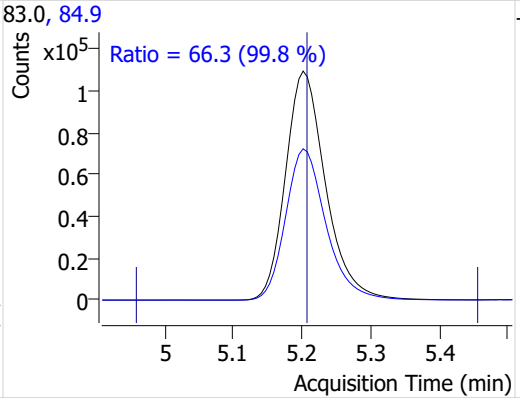


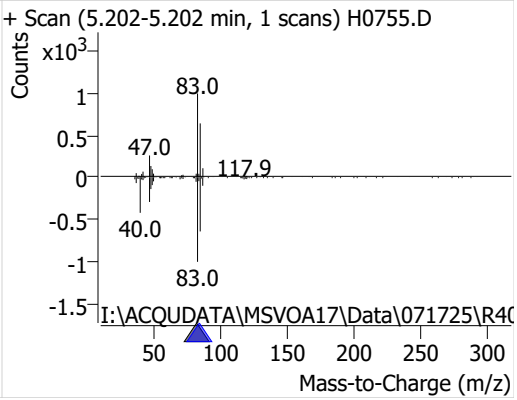




Chloroform

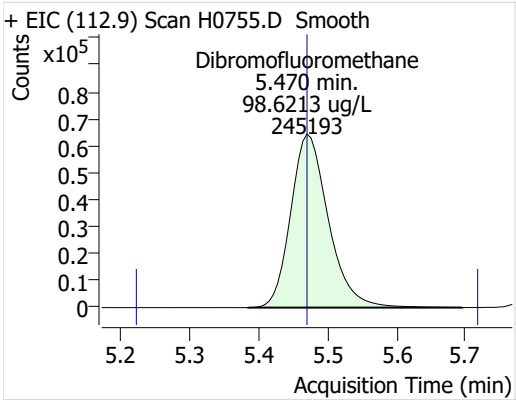


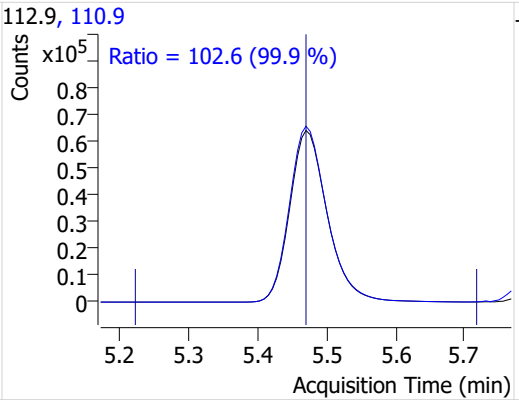


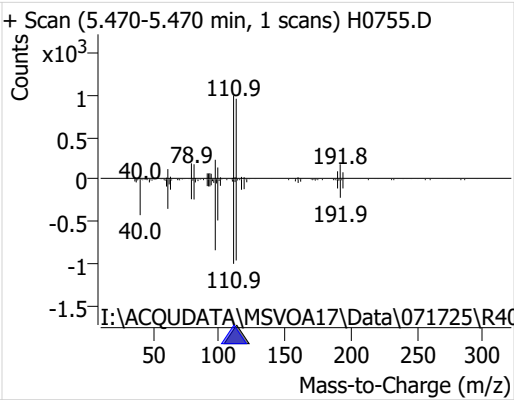


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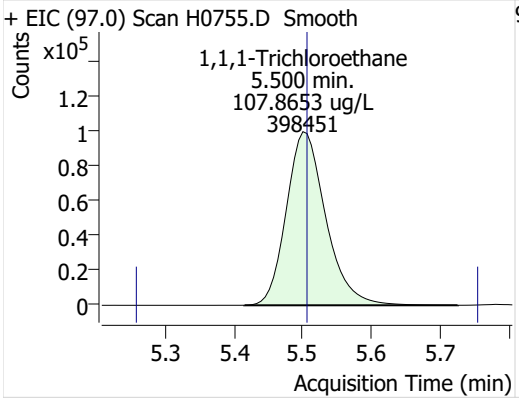
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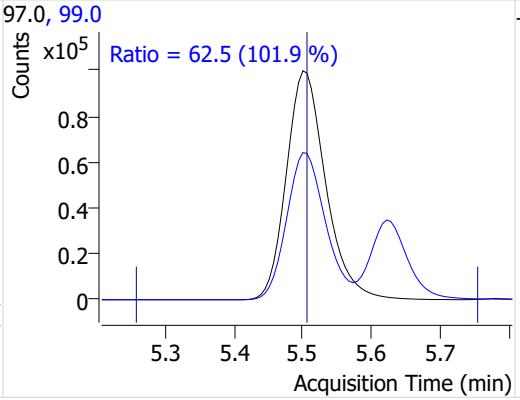


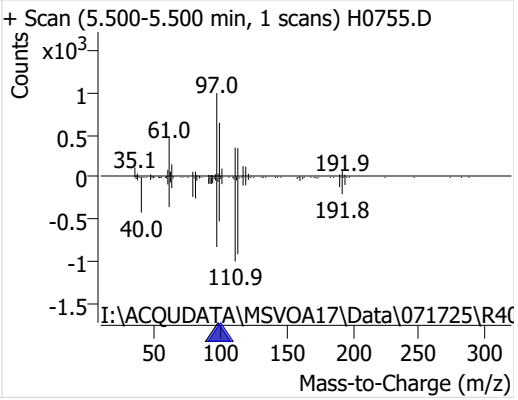




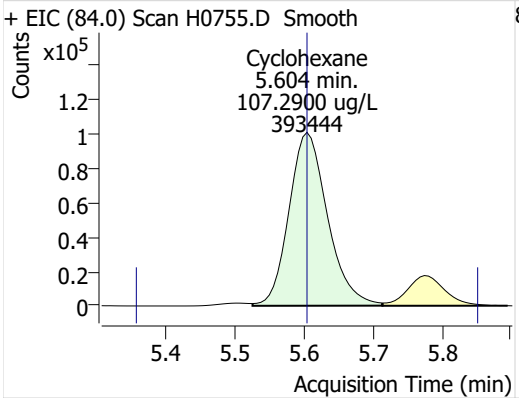
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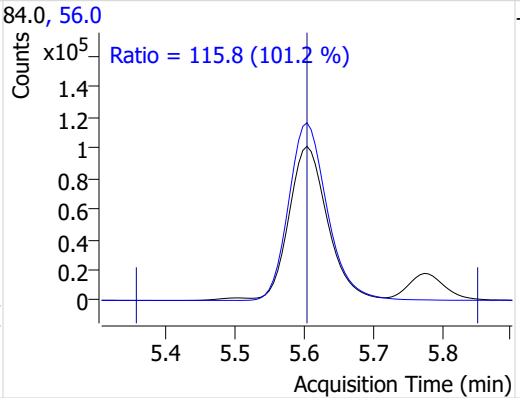


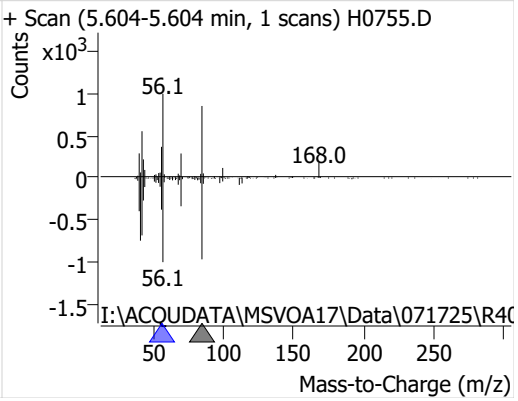




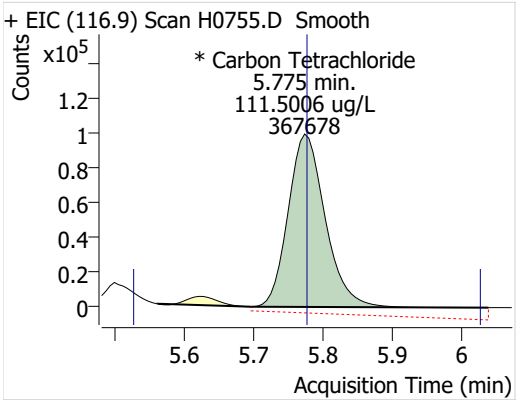
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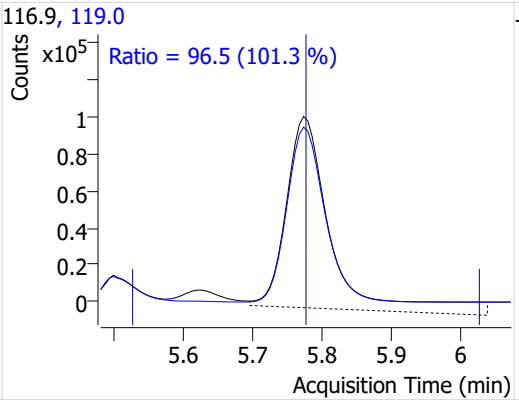


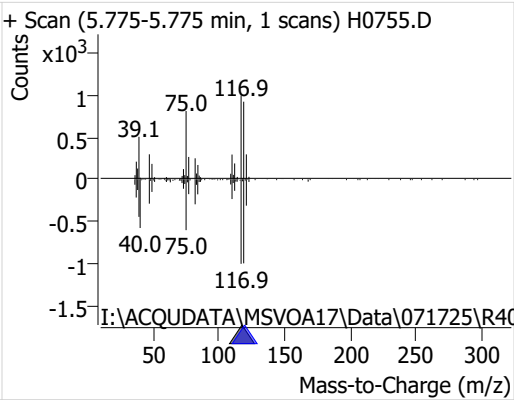




Carbon Tetrachloride

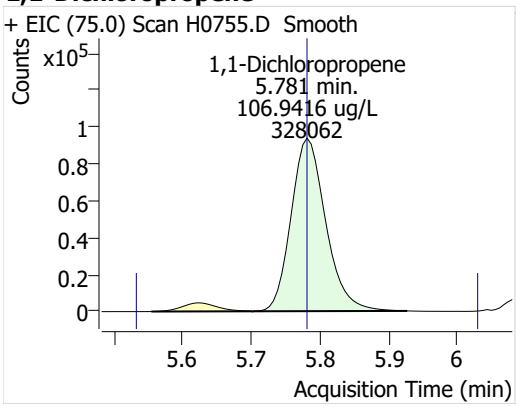


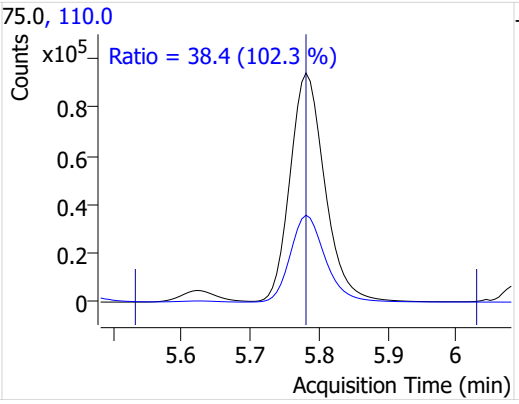


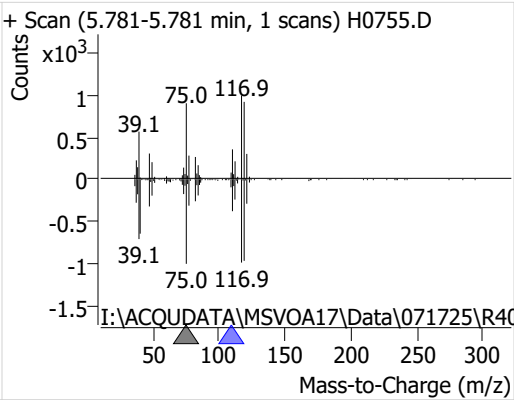


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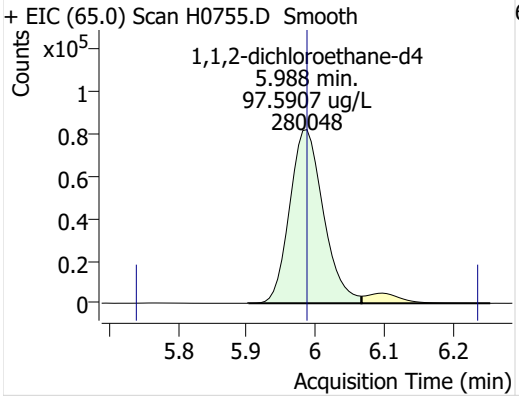
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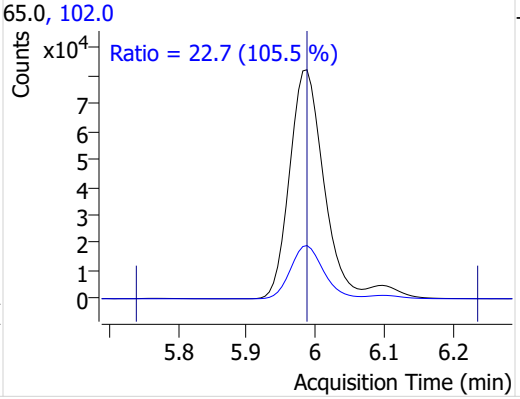


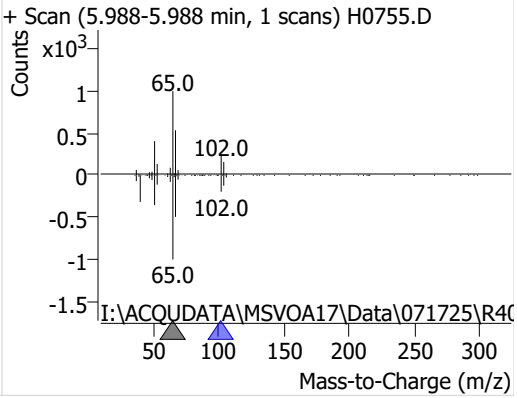




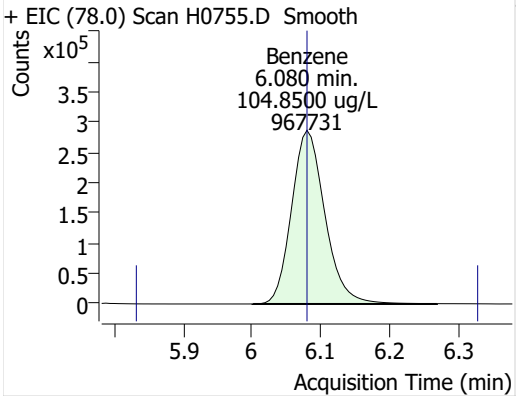
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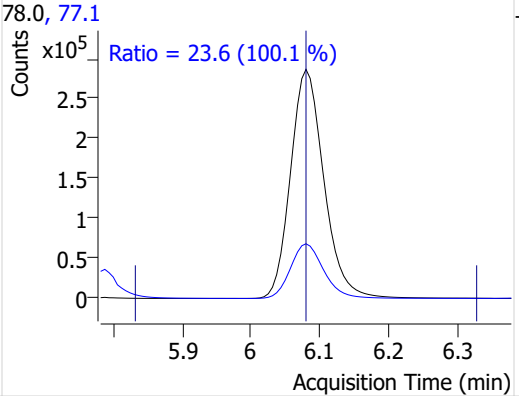


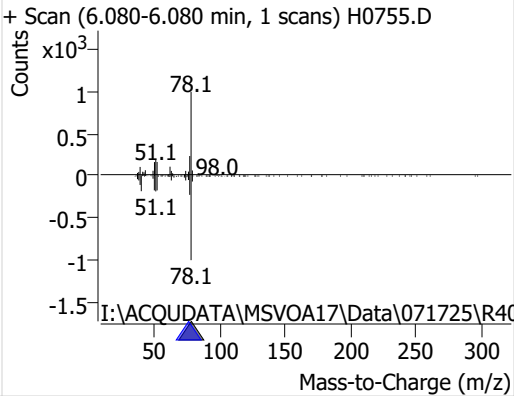




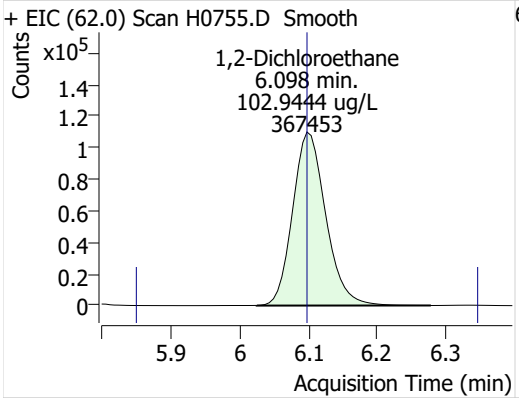
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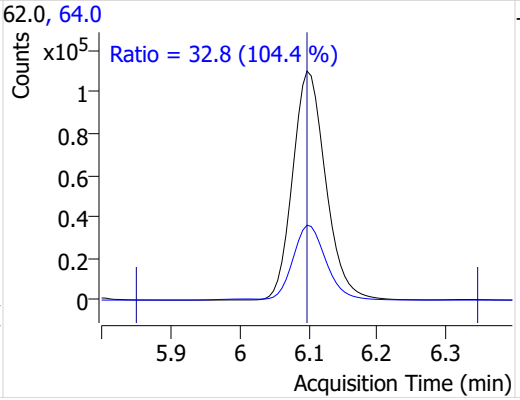


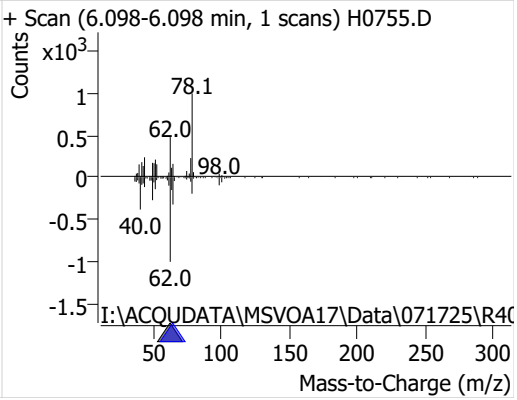




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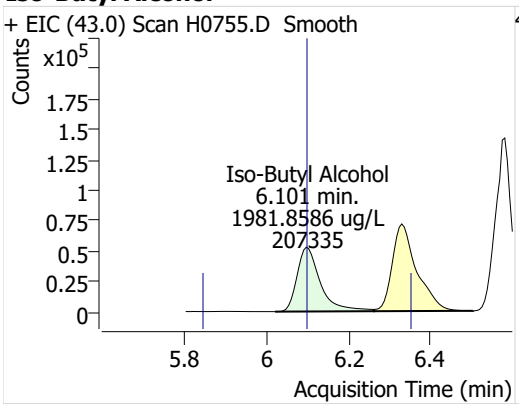


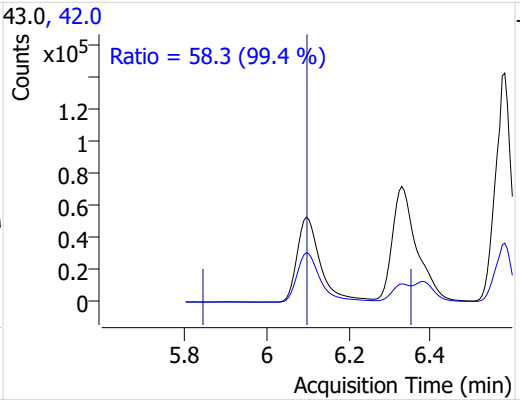


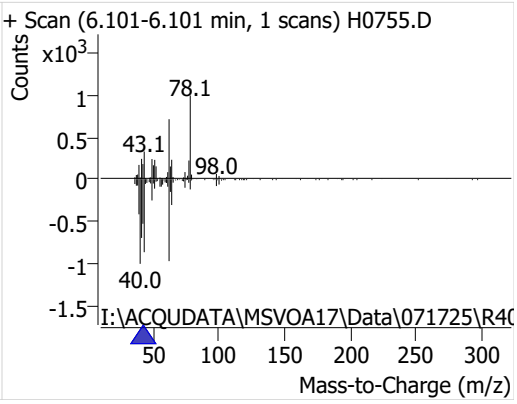


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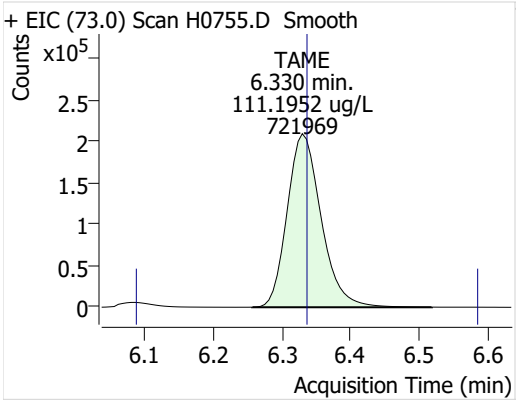
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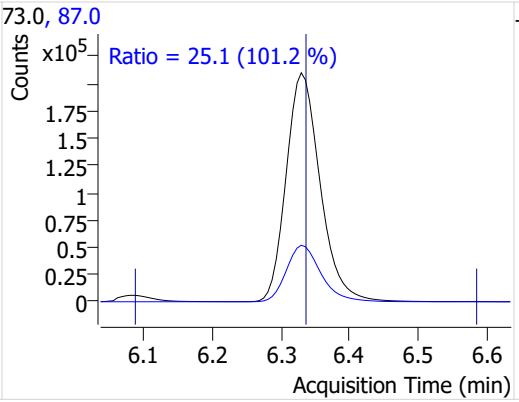


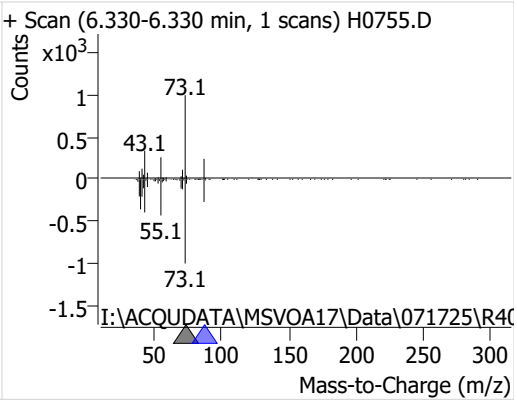




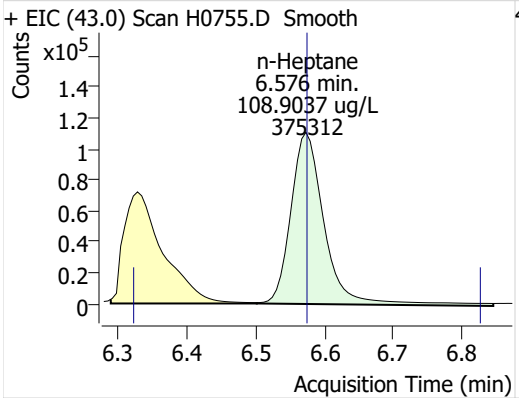
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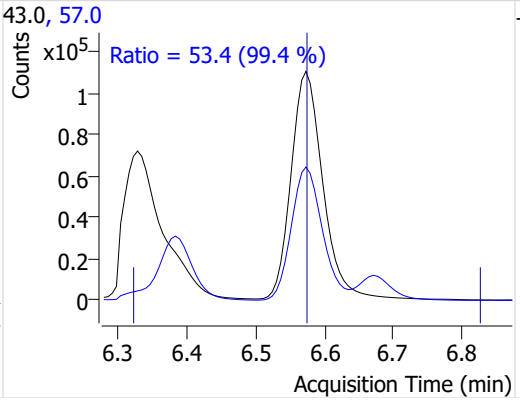


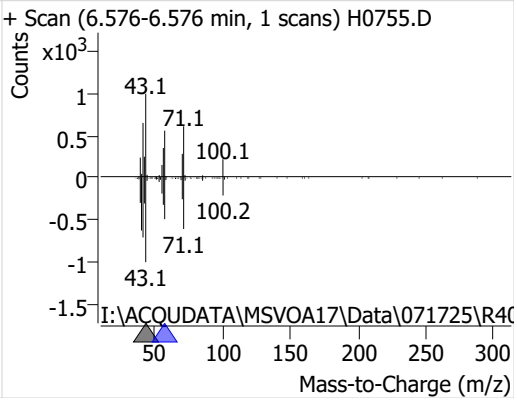




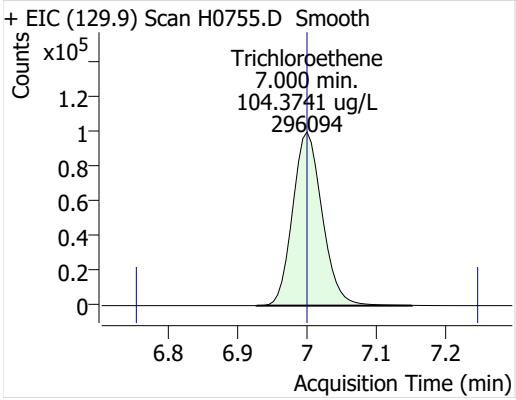
n-Heptane

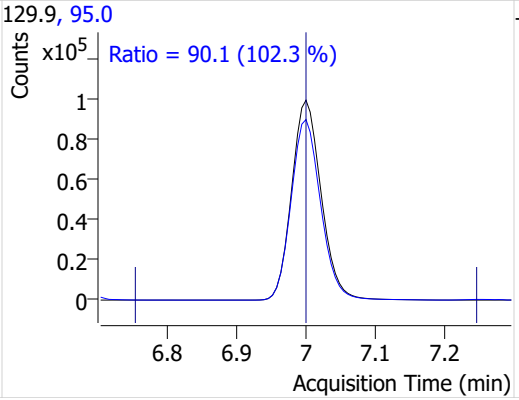


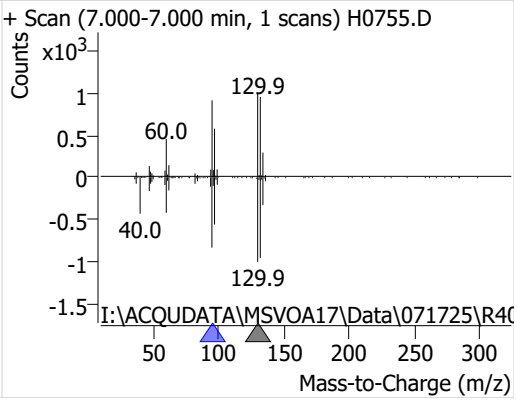




Trichloroethene

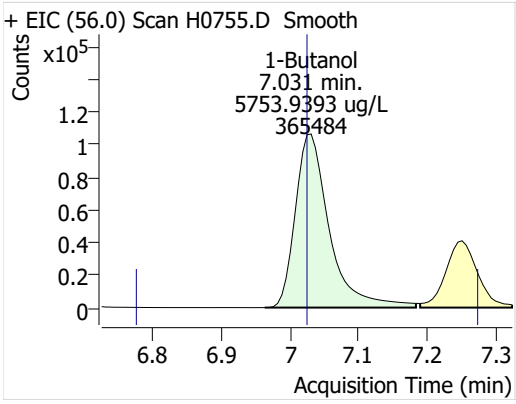


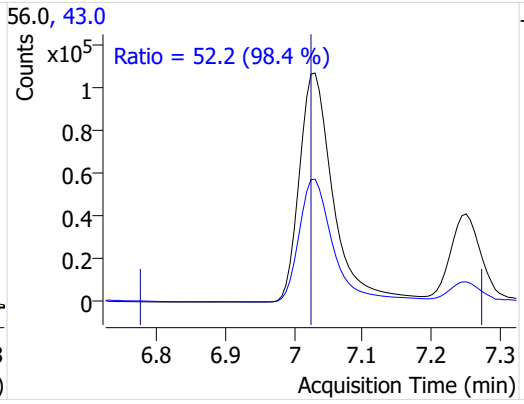


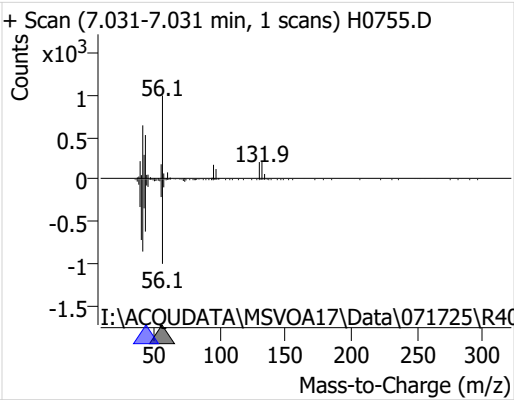


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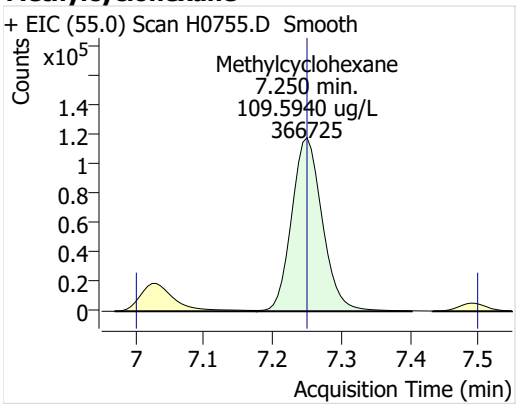
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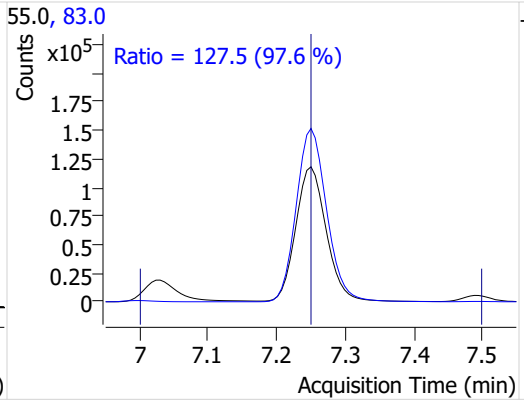


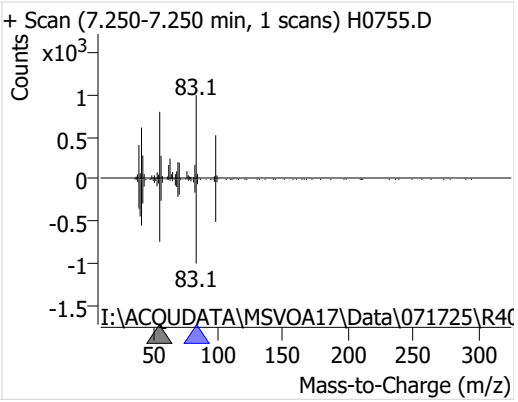




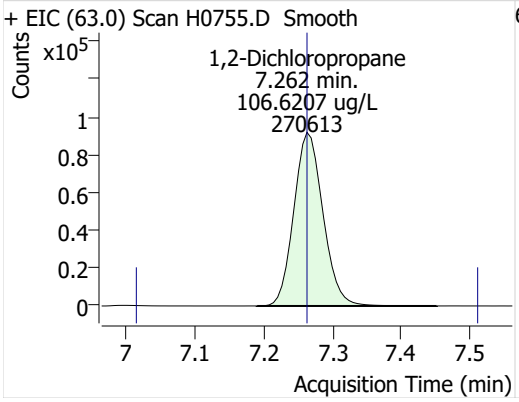
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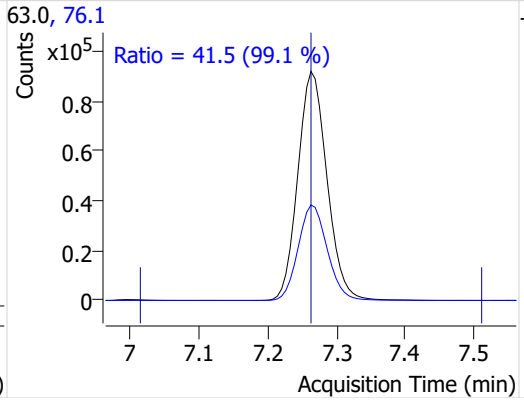


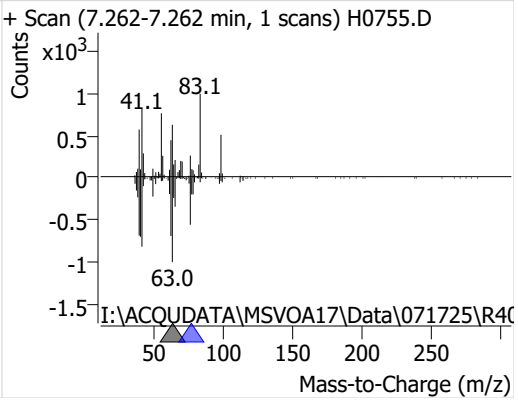




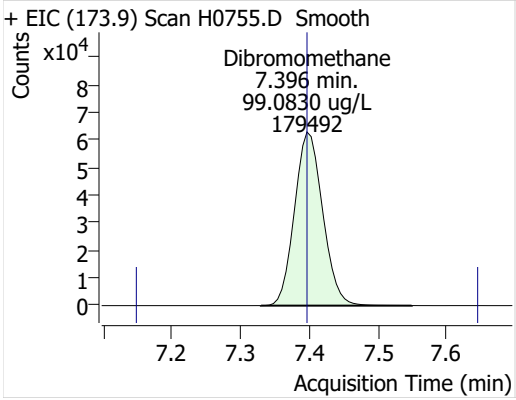
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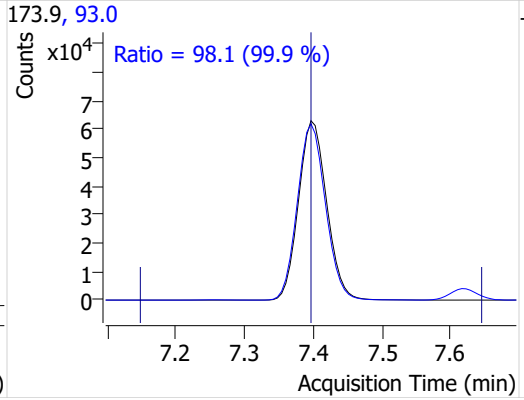


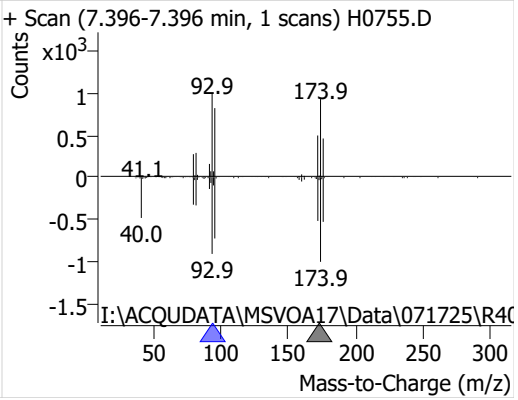




Dibromomethane

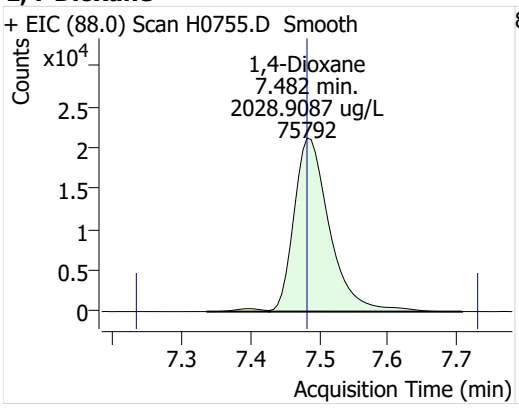


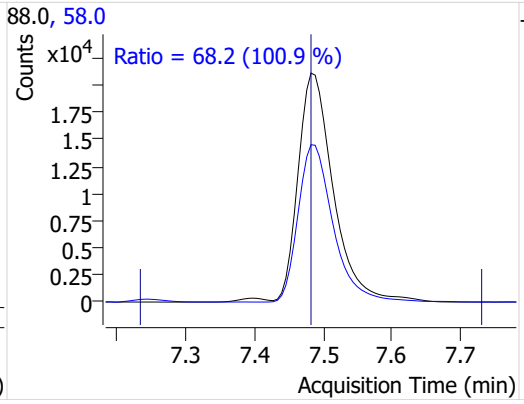


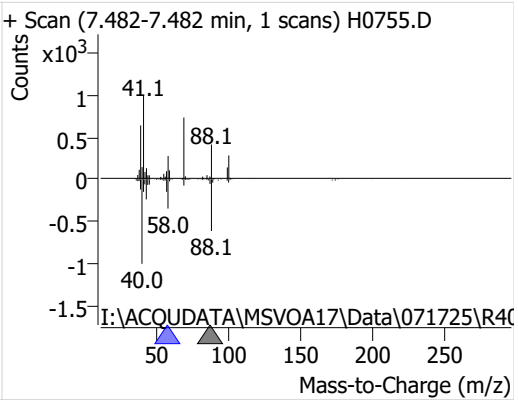


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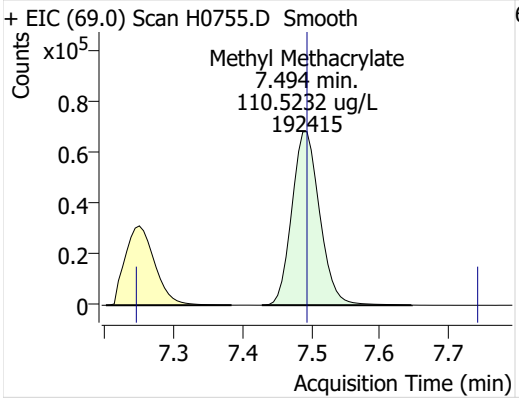
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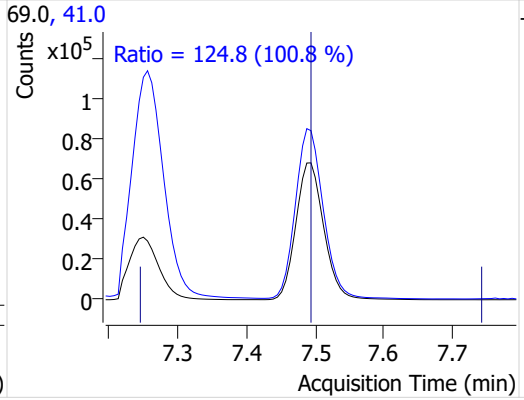


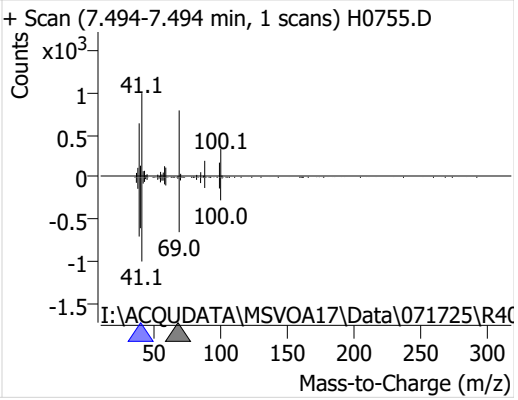




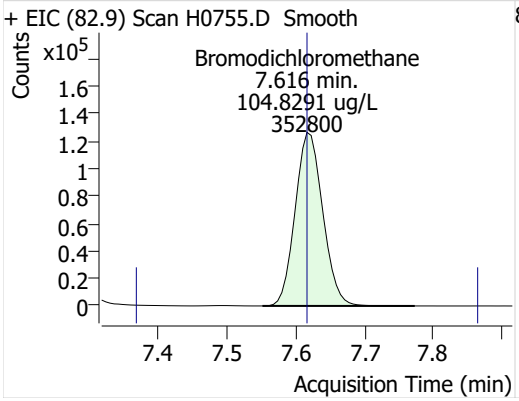
Methyl Methacrylate

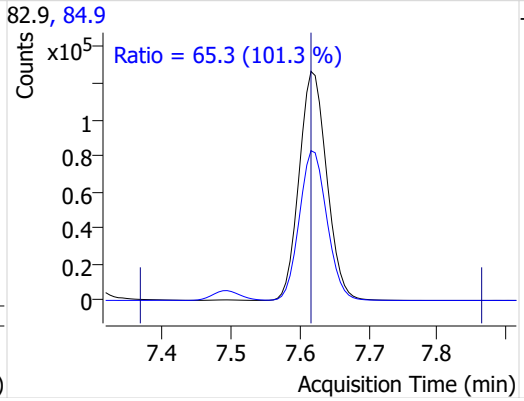


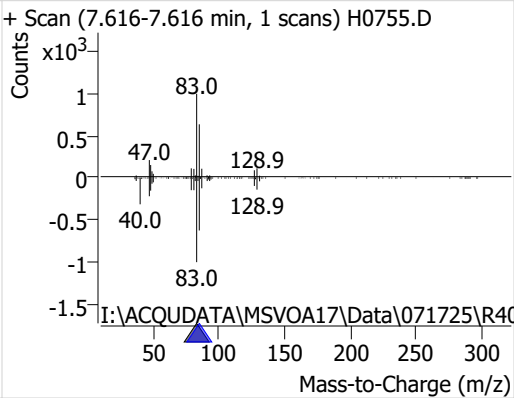




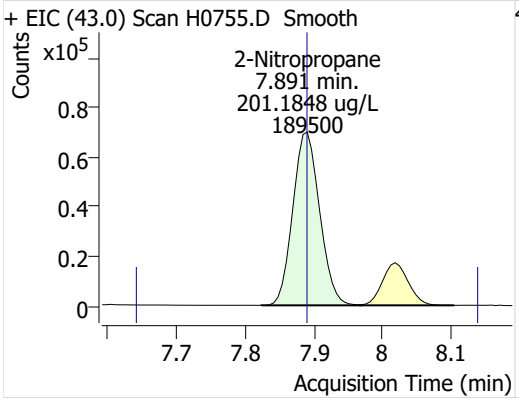
Bromodichloromethane

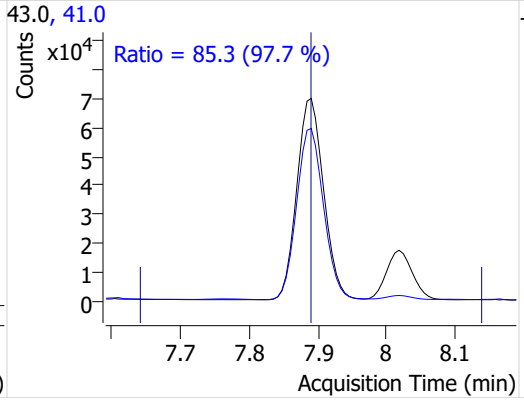


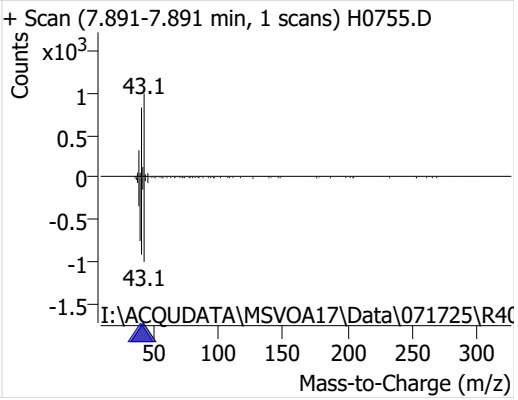




2-Nitropropane

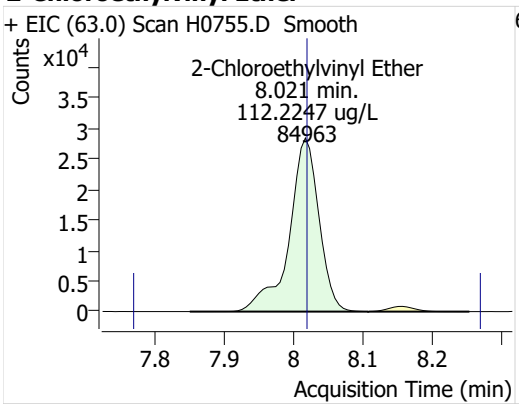


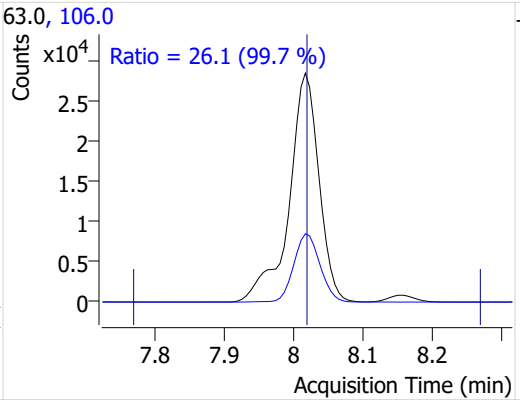


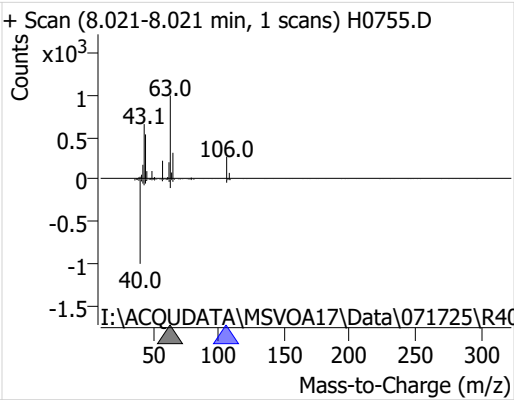


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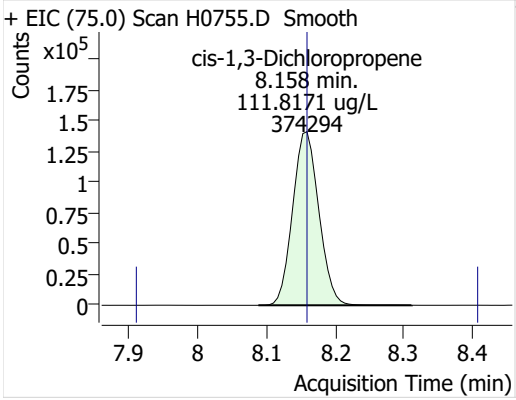
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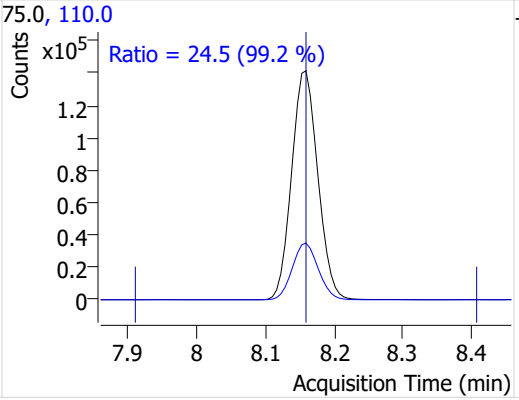


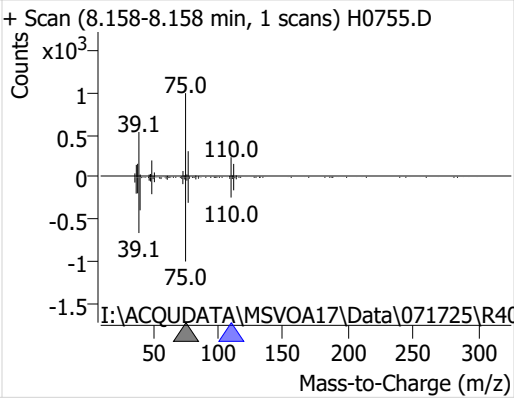




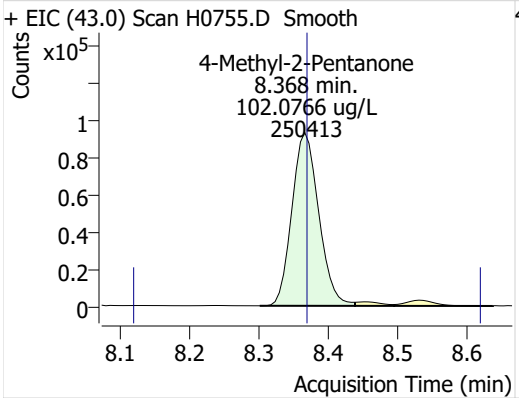
cis-1,3-Dichloropropene

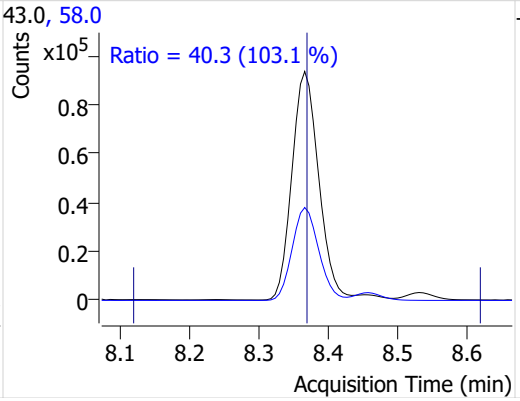


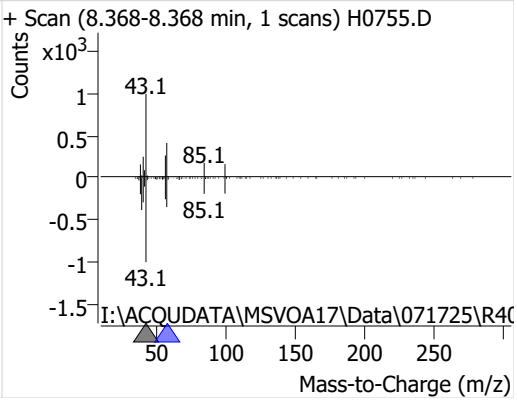




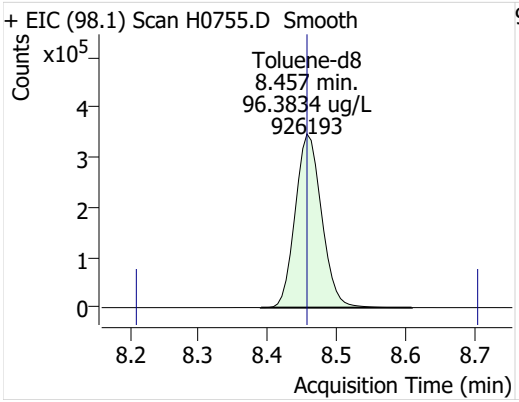
4-Methyl-2-Pentanone

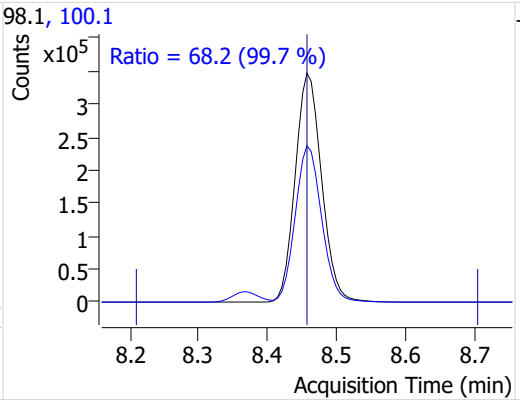


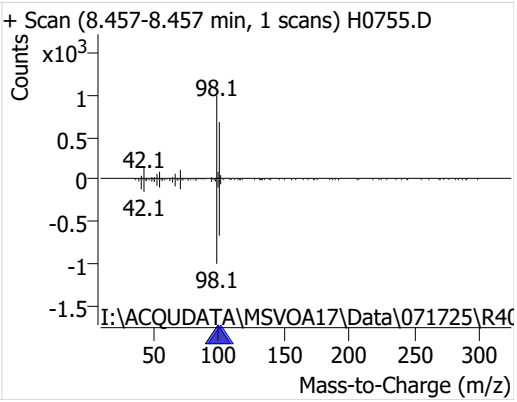




Toluene-d8

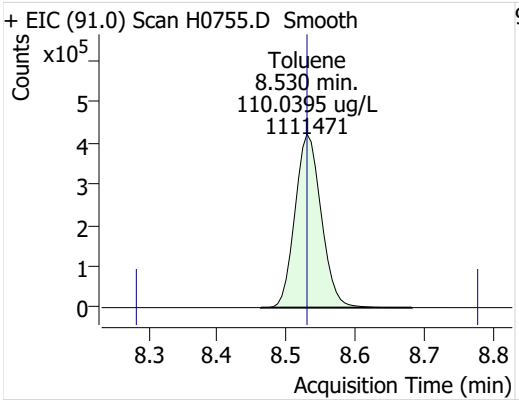


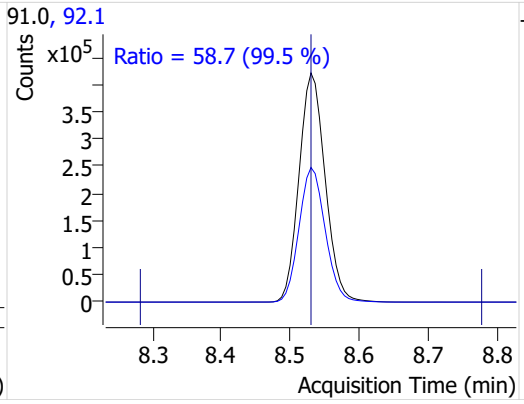


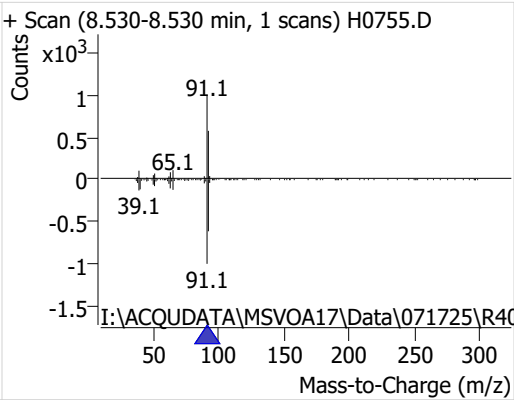


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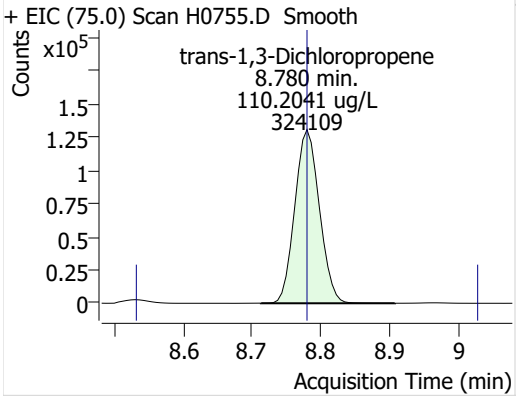
Toluene

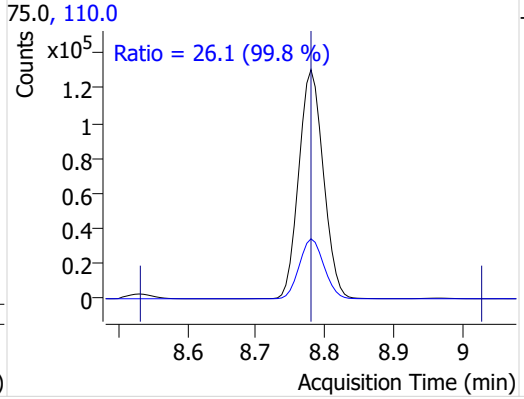


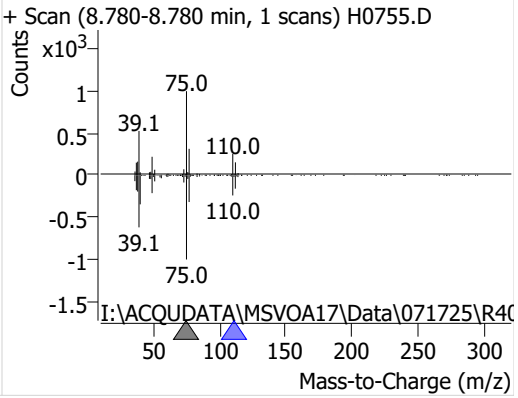




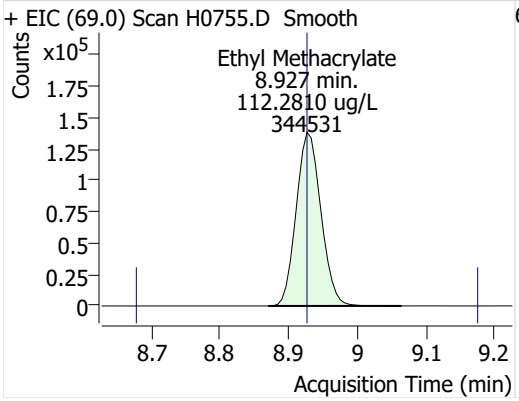
trans-1,3-Dichloropropene

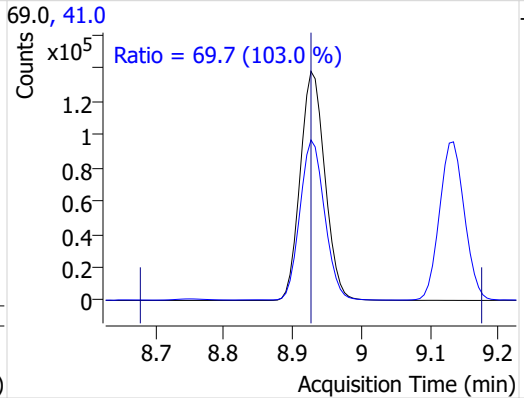


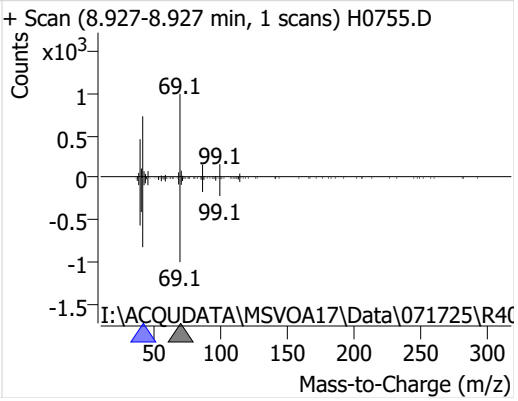




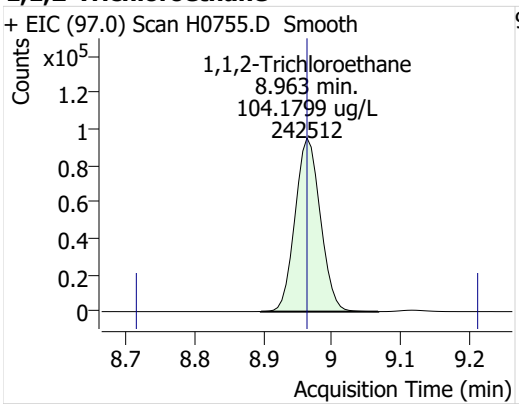
Ethyl Methacrylate

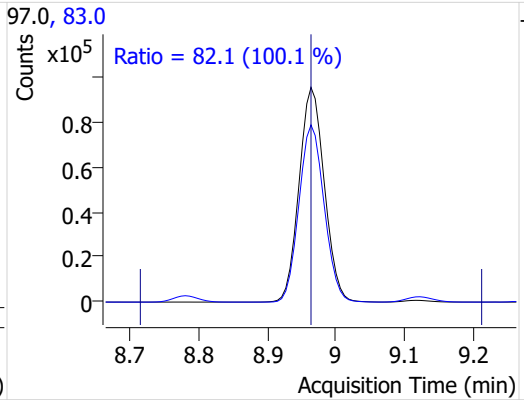


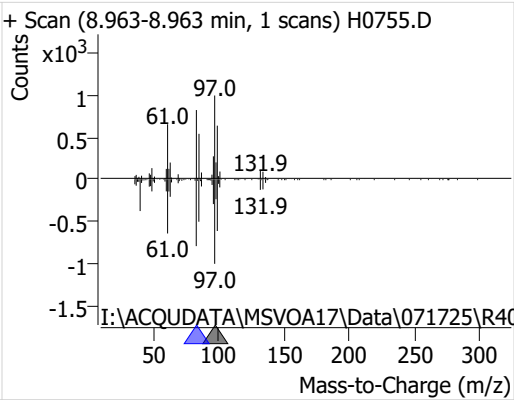




1,1,2-Trichloroethane

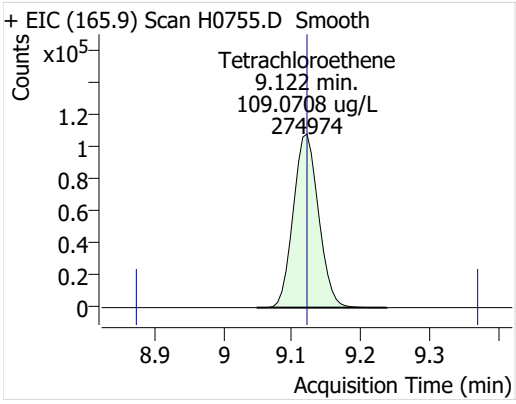


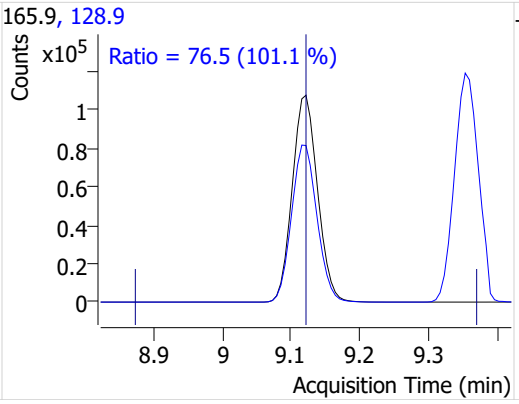


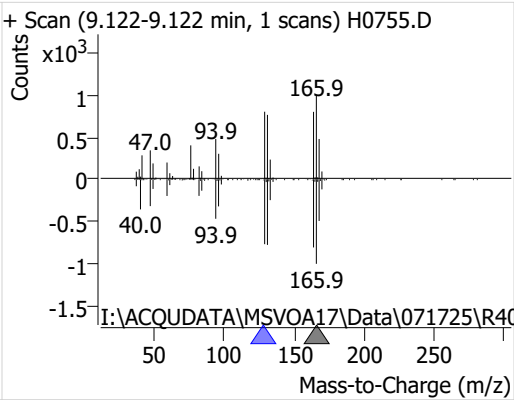


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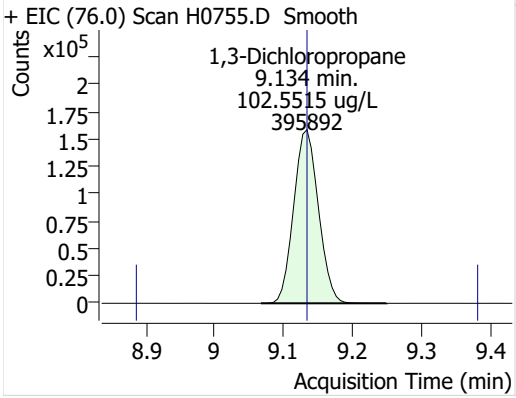
Tetrachloroethene

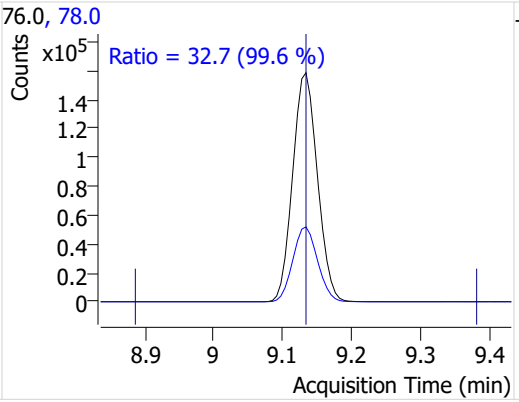


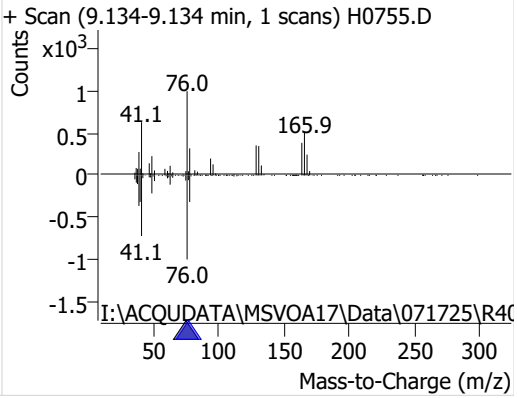




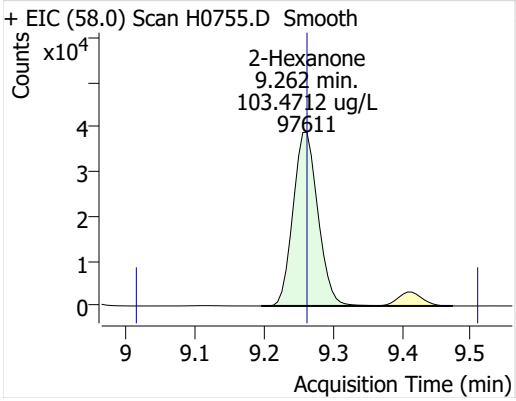
1,3-Dichloropropane

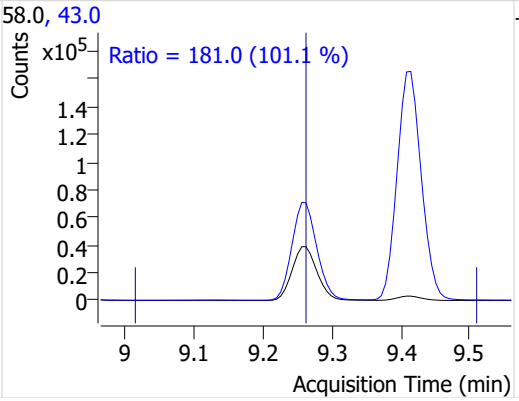


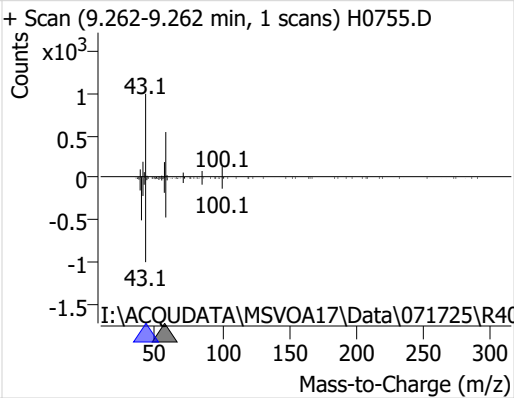




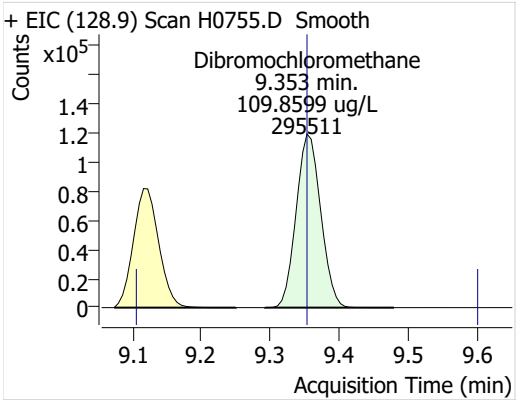
2-Hexanone

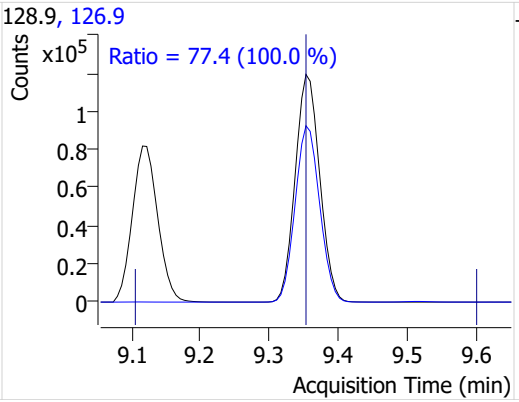


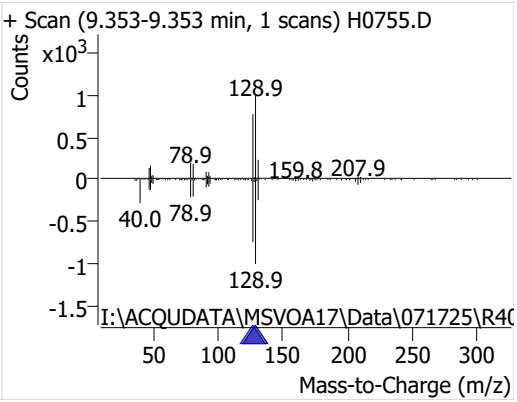




Dibromochloromethane

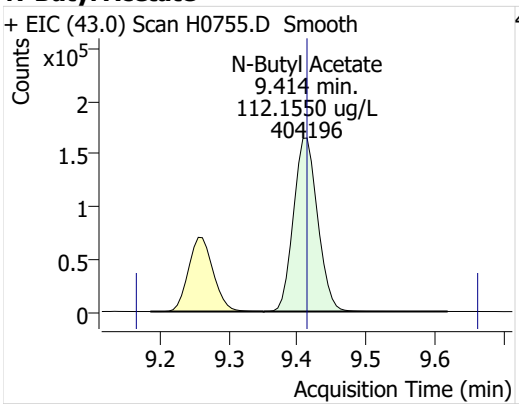


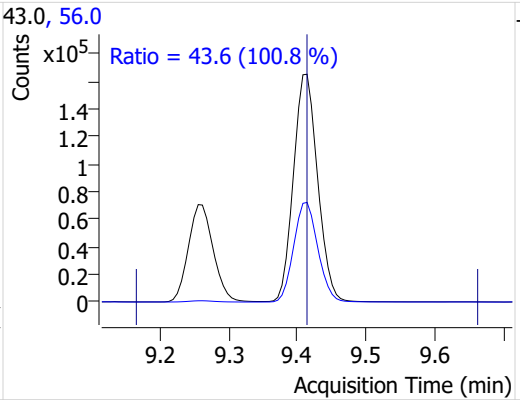


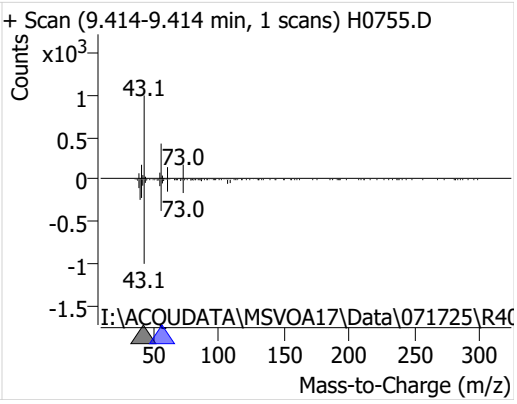


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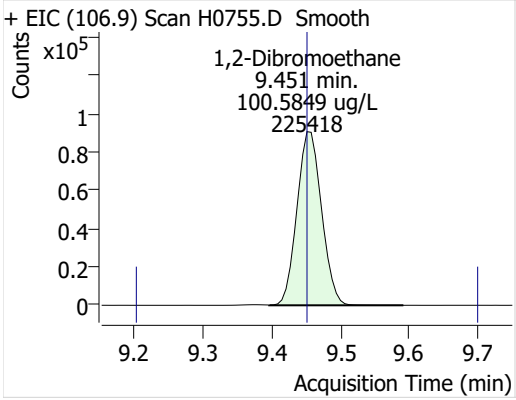
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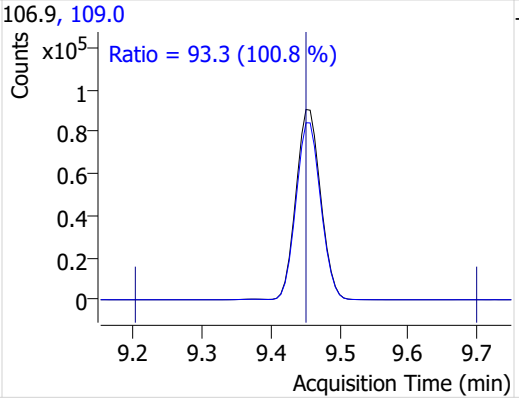


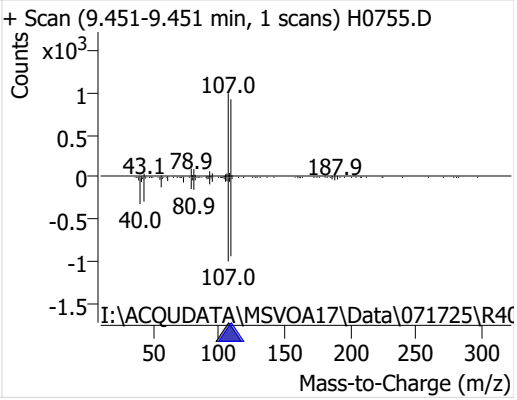




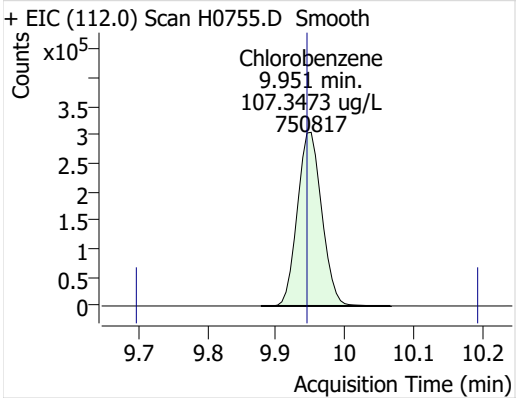
1,2-Dibromoethane

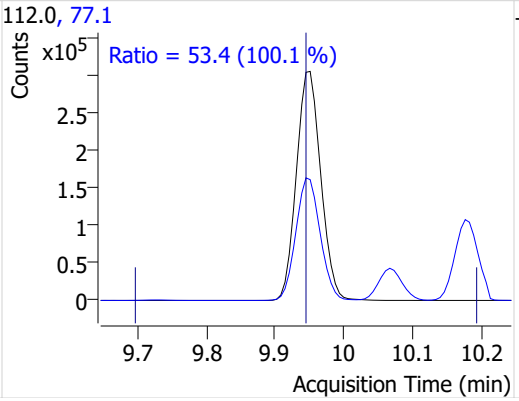


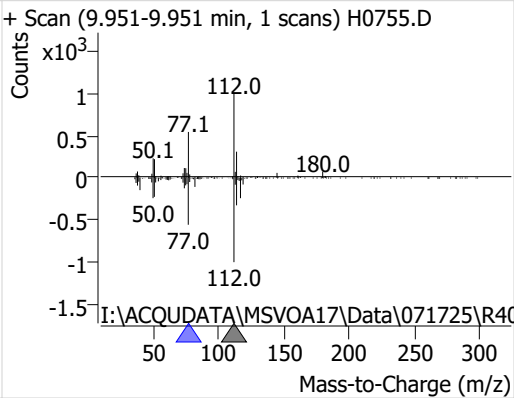




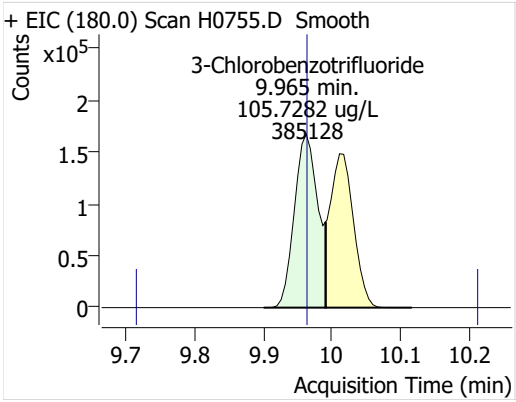
Chlorobenzene

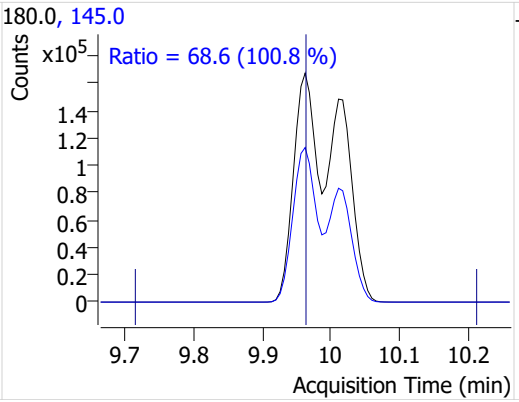


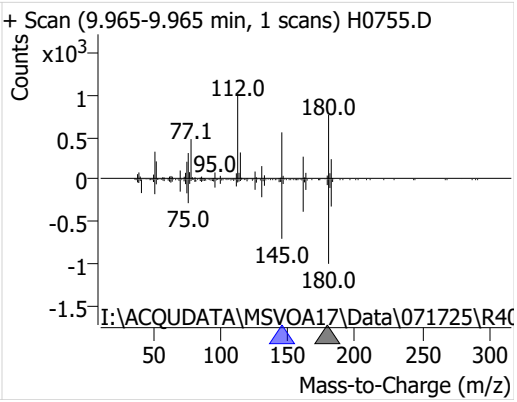




3-Chlorobenzotrifluoride

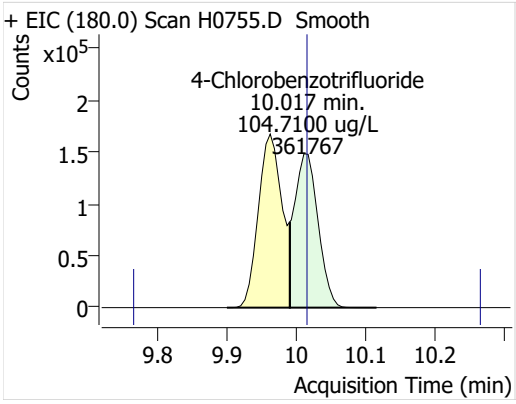


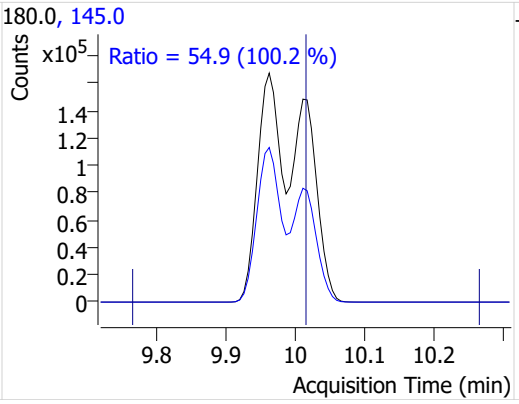


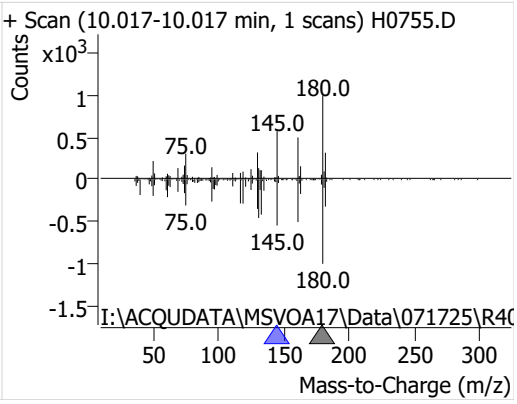


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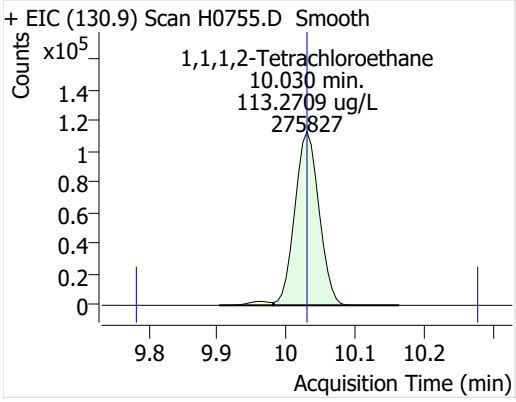
4-Chlorobenzotrifluoride

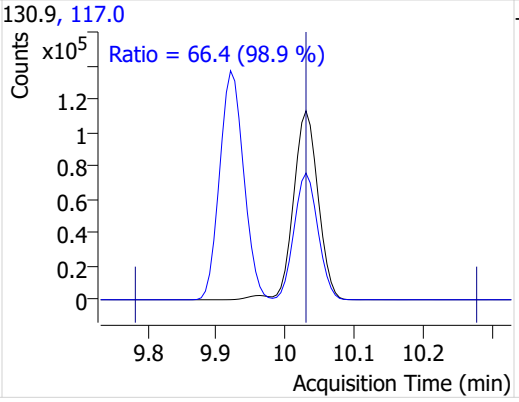


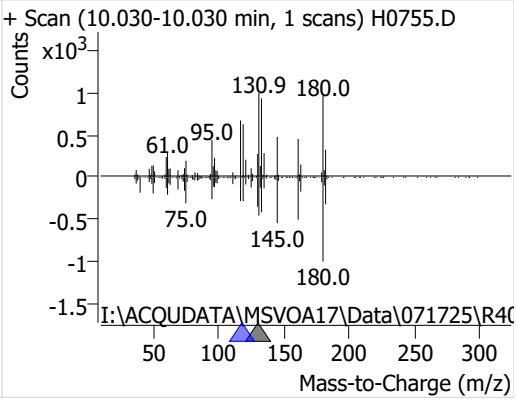




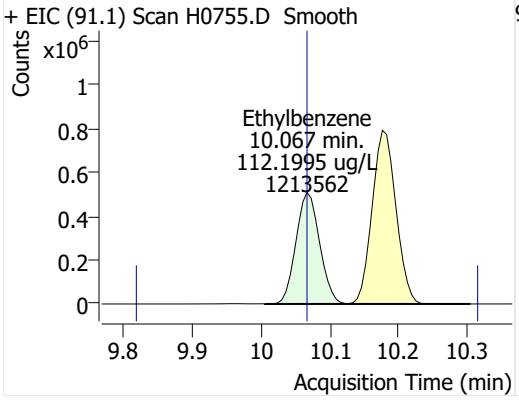
1,1,1,2-Tetrachloroethane

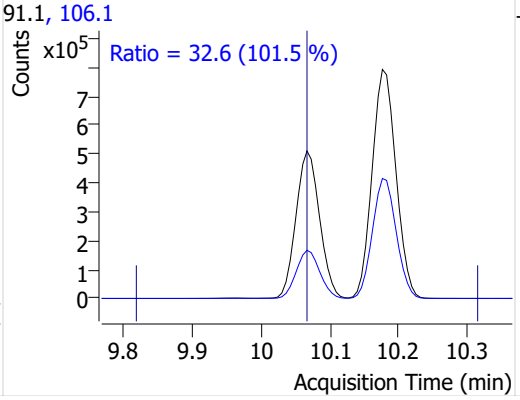


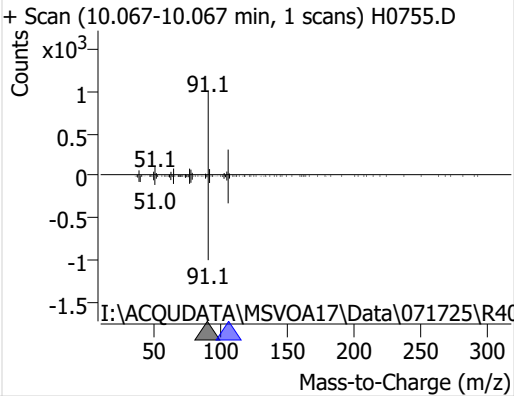




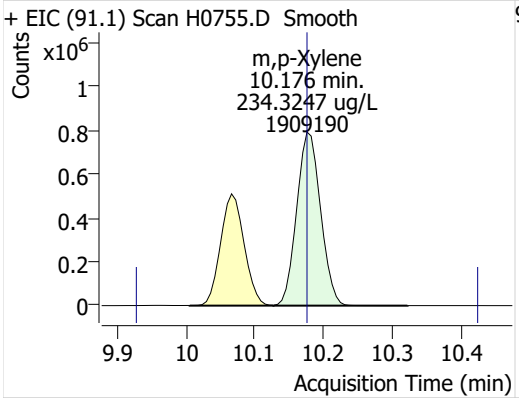
Ethylbenzene

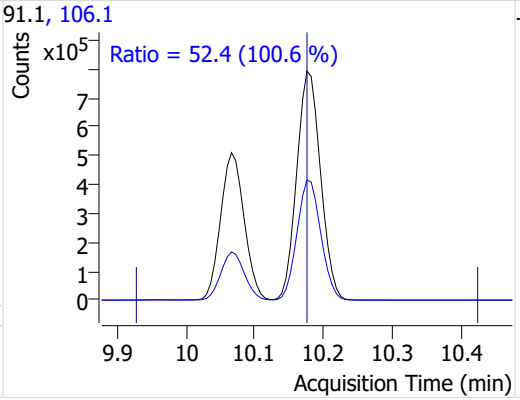


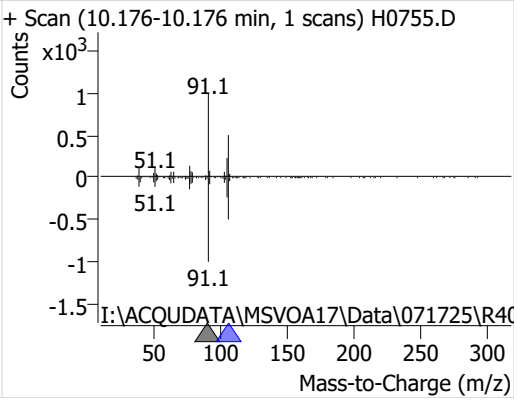




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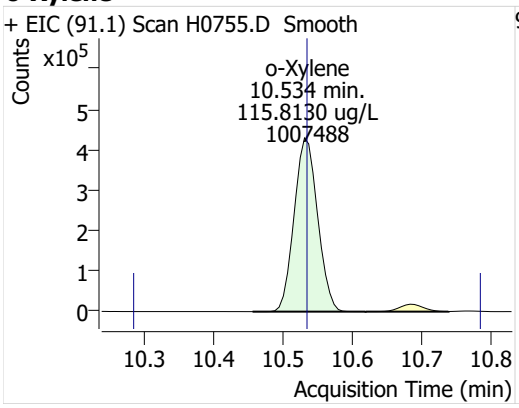


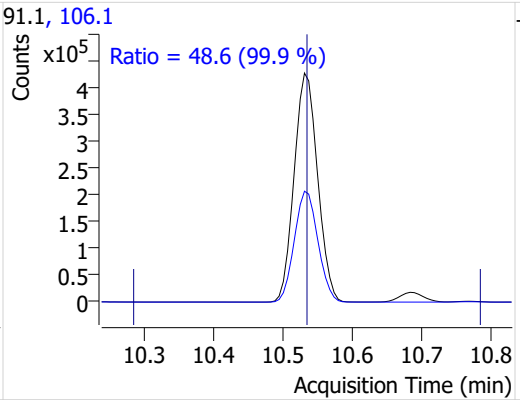


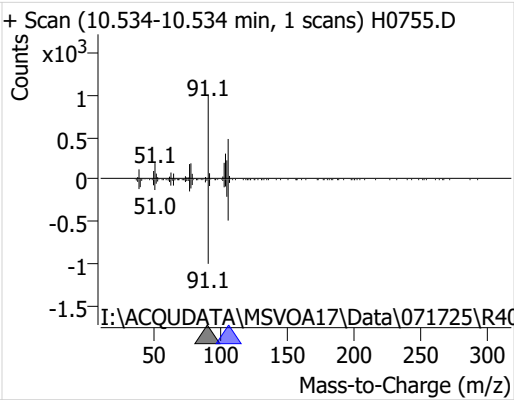


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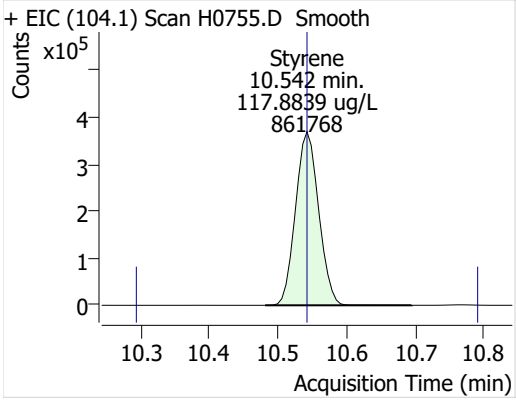
o-Xylene

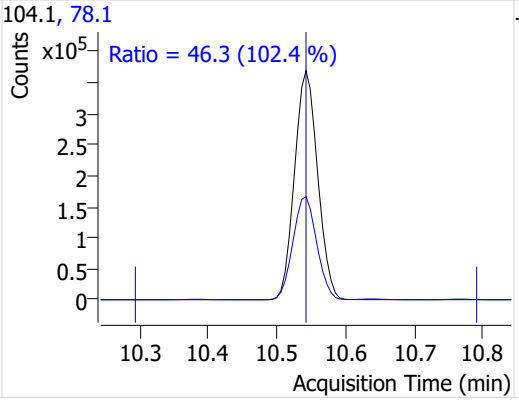


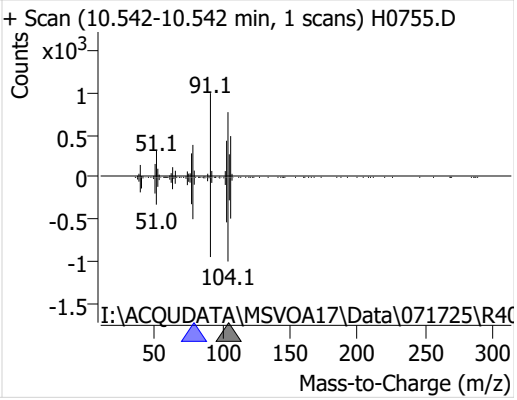




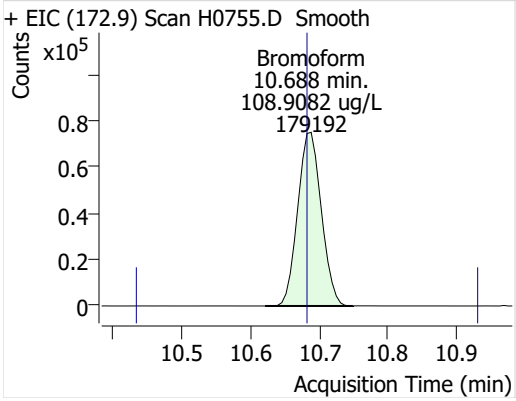
Styrene

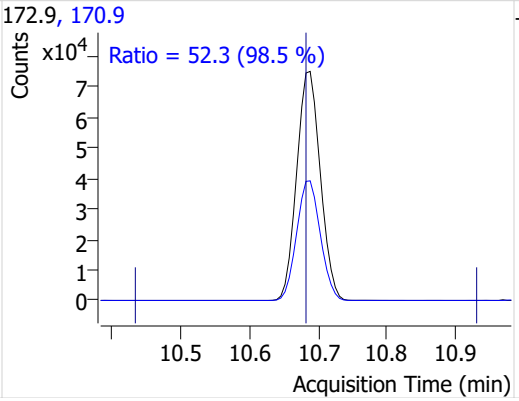


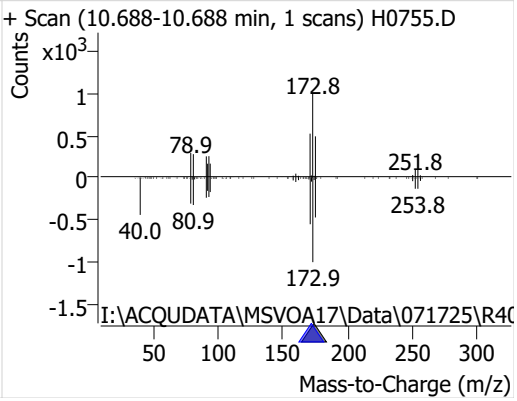




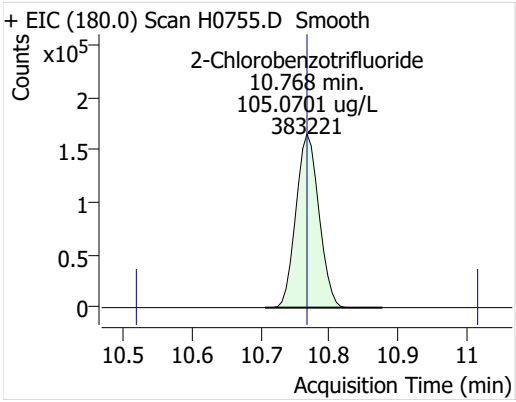
Bromoform

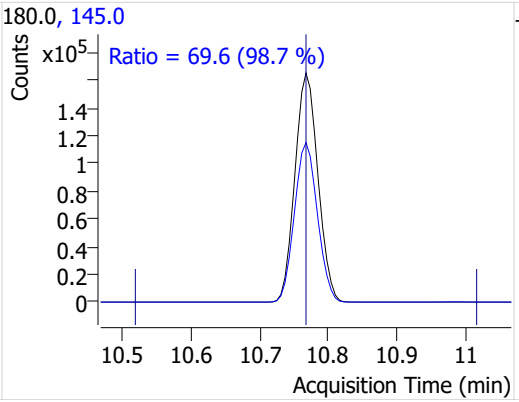


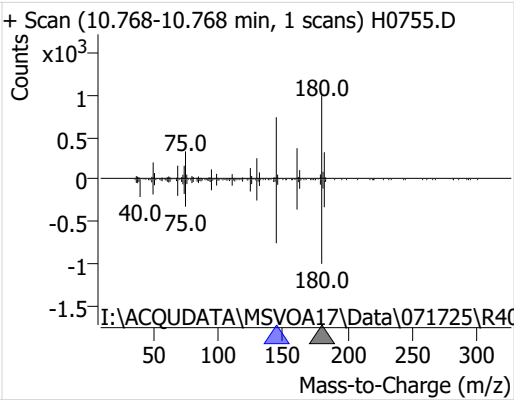




2-Chlorobenzotrifluoride

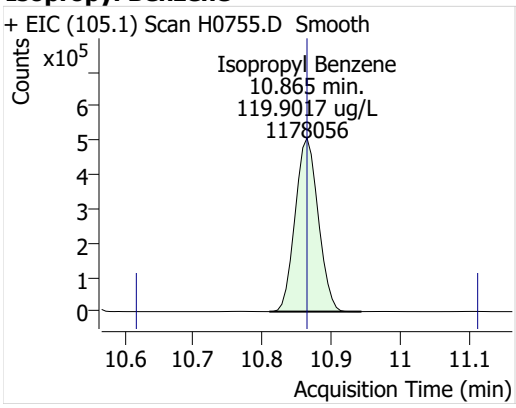


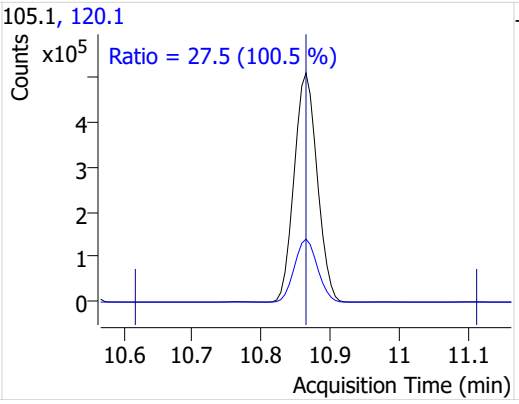


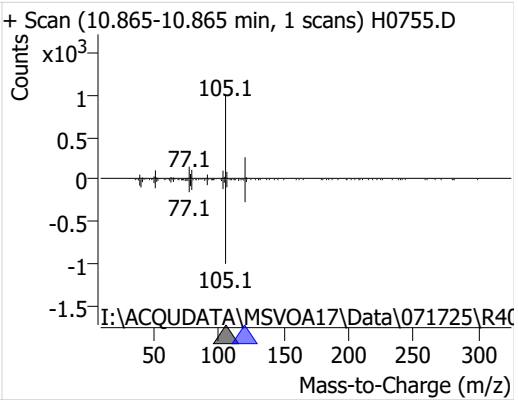


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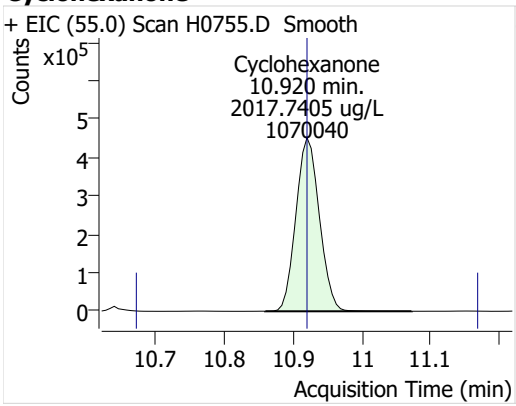
Isopropyl Benzene

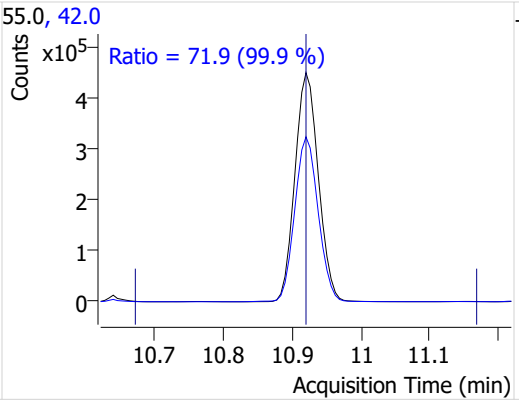


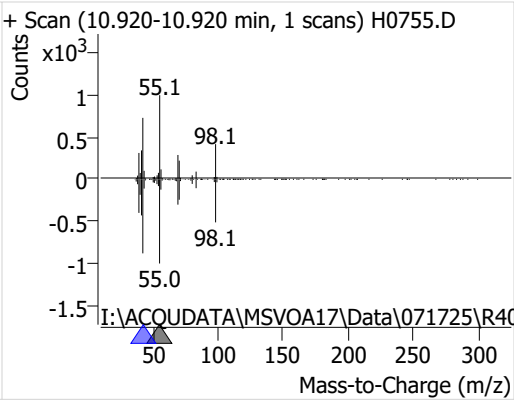




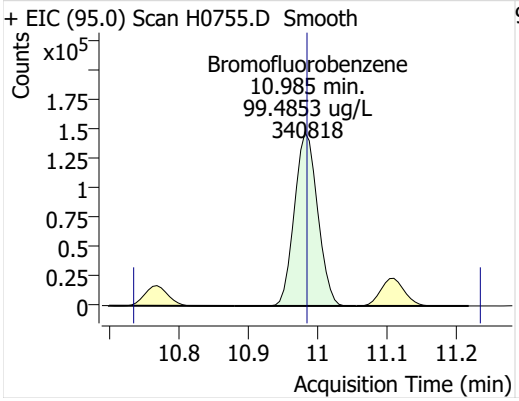
Cyclohexanone

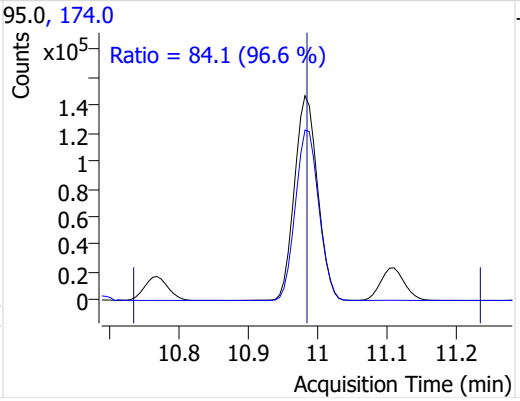


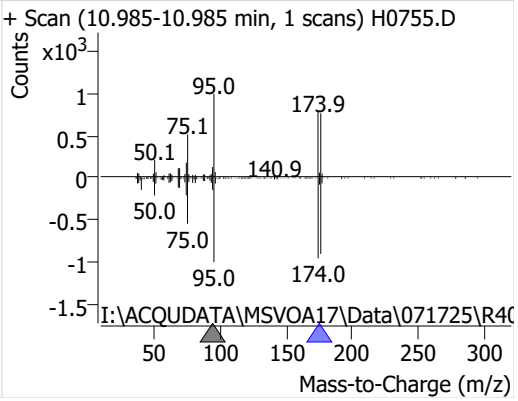




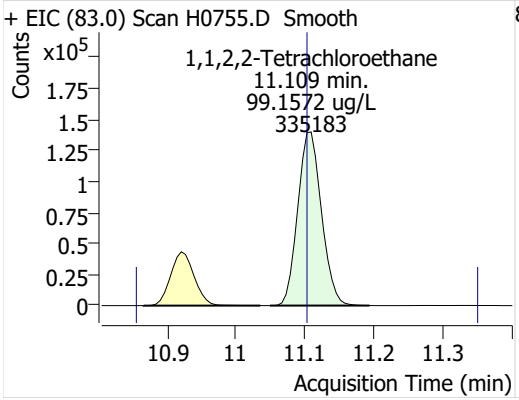
Bromofluorobenzene

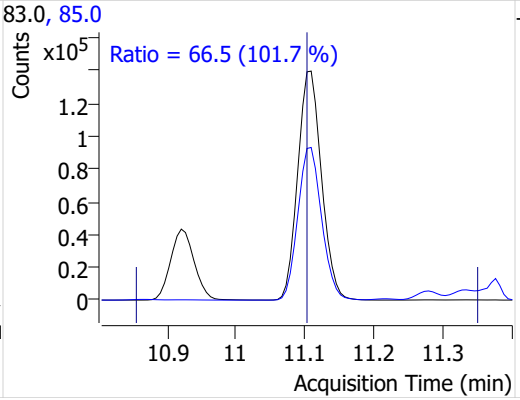


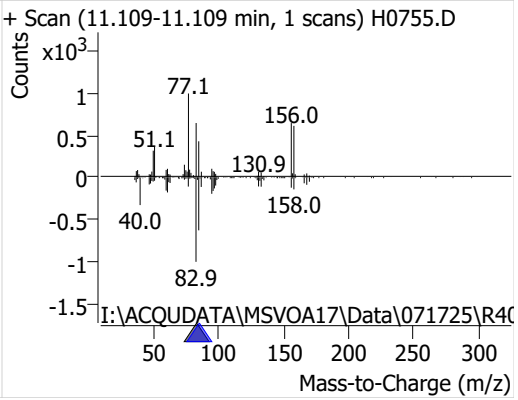




1,1,2,2-Tetrachloroethane

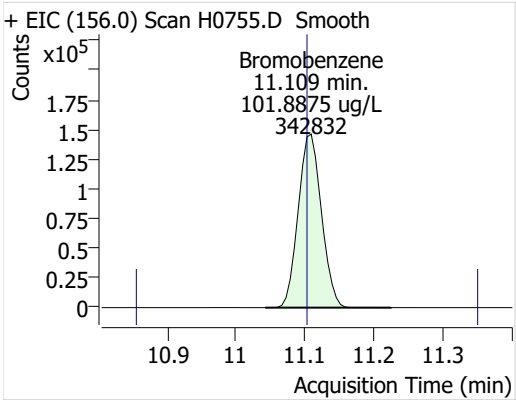


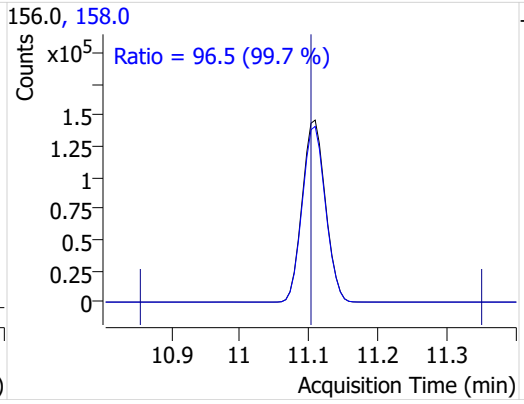


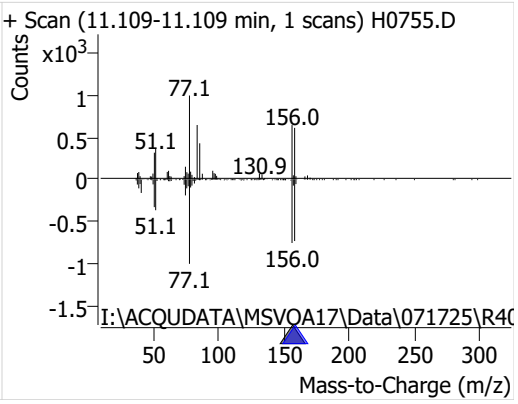


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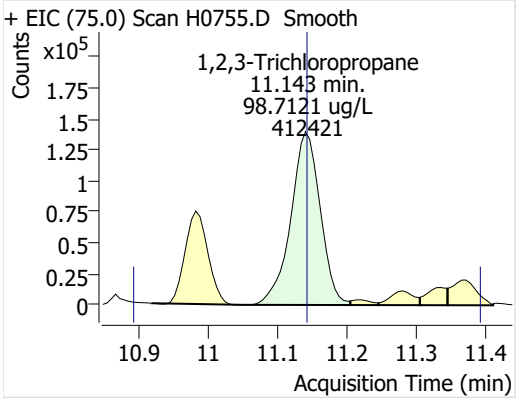
Bromobenzene

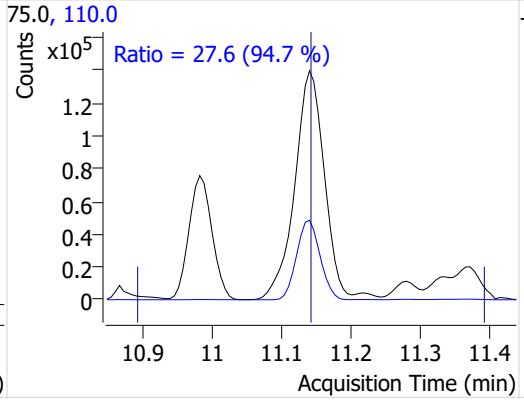


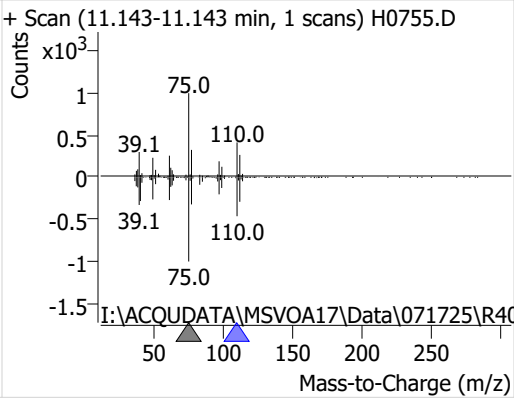




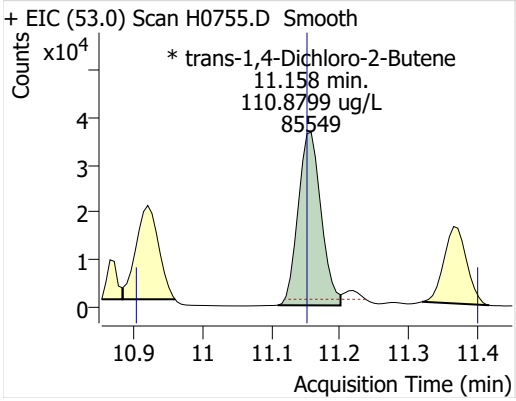
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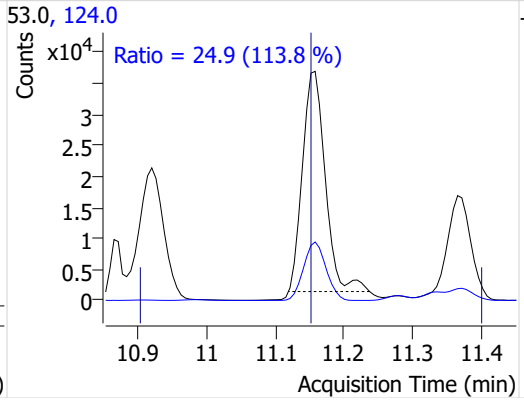


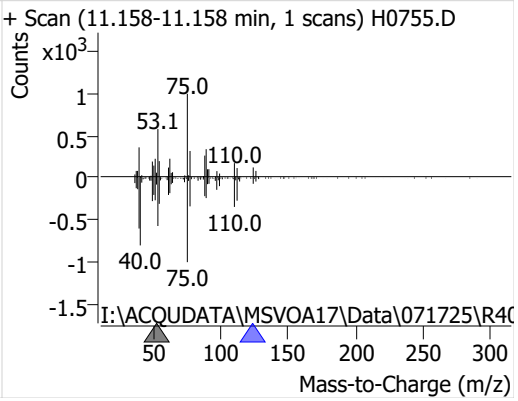




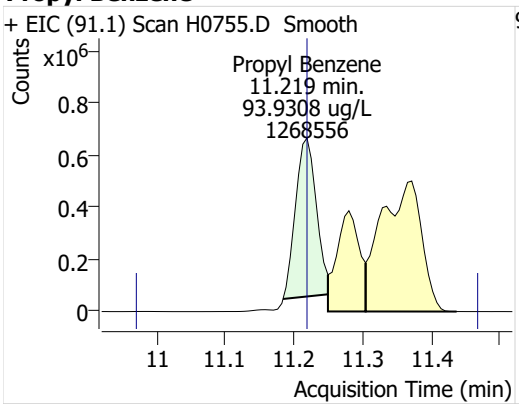
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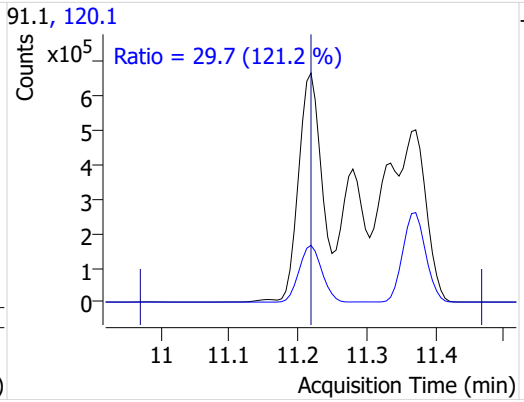


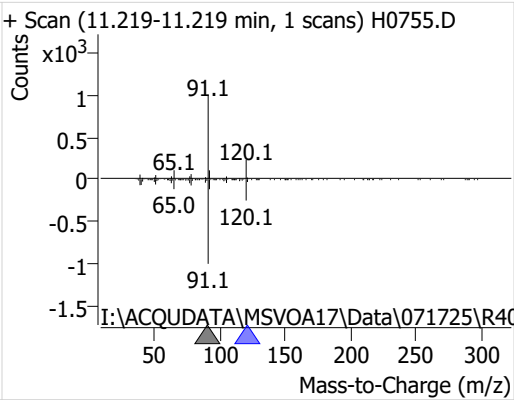




Propyl Benzene

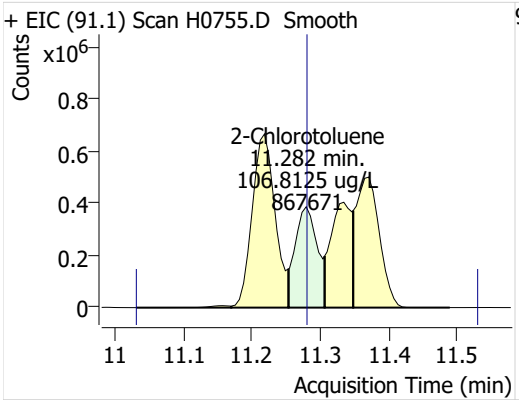


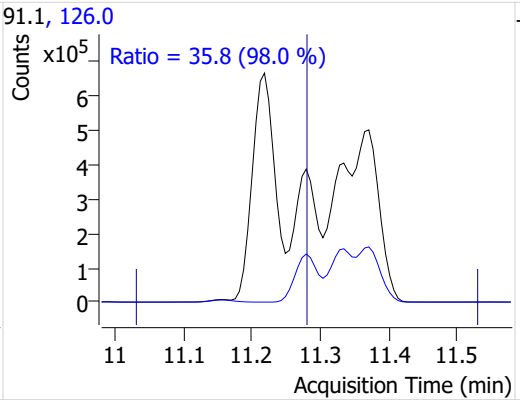


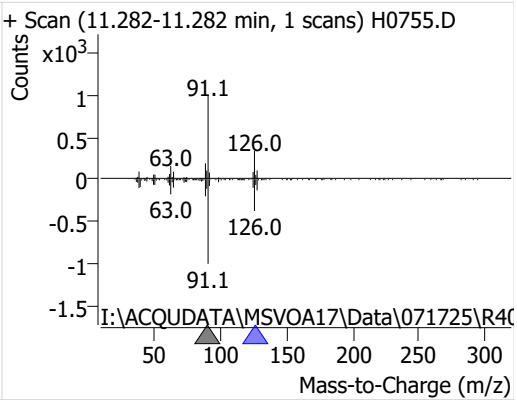


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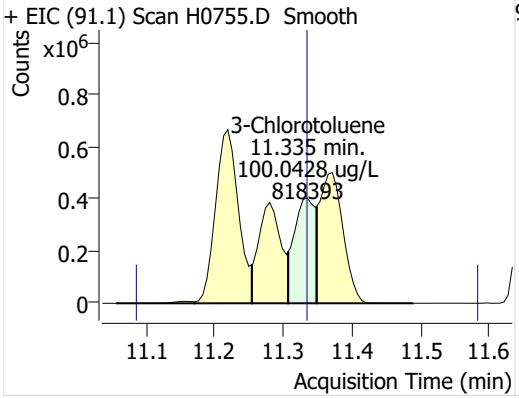
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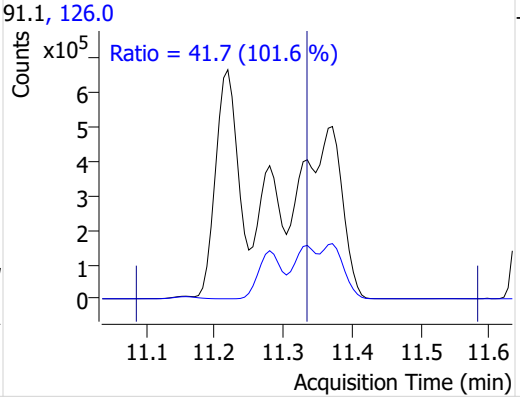


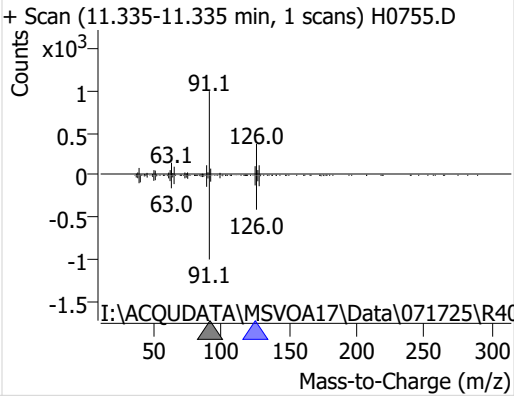




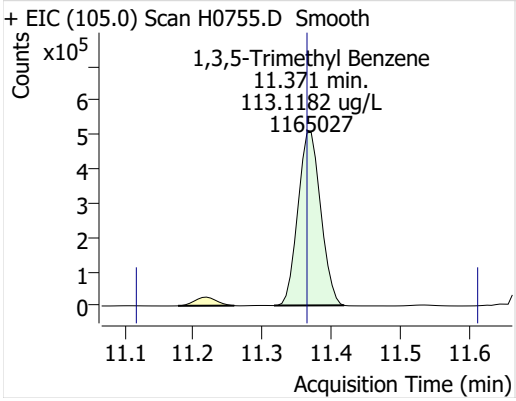
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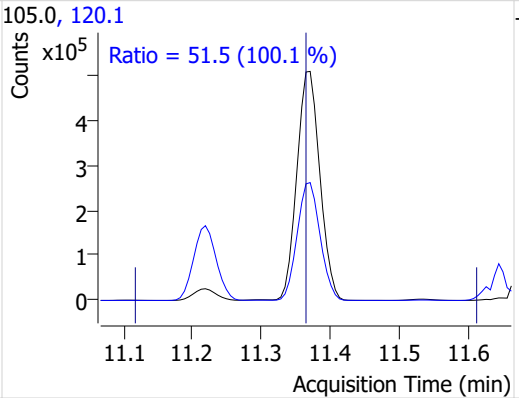


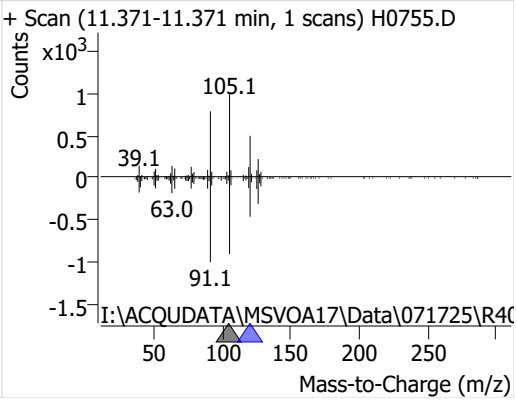




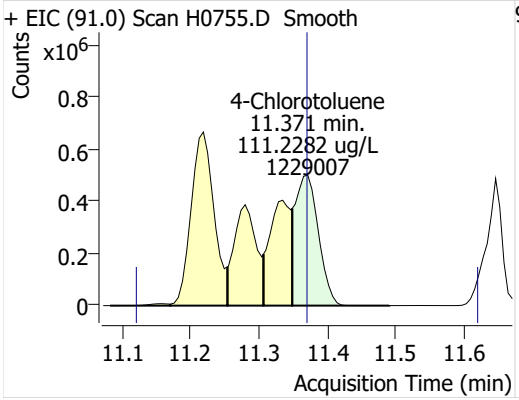
1,3,5-Trimethyl Benzene

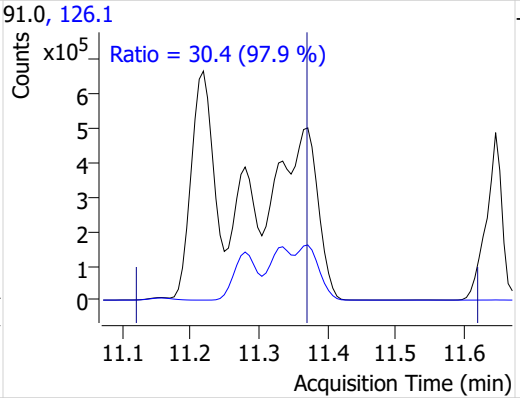


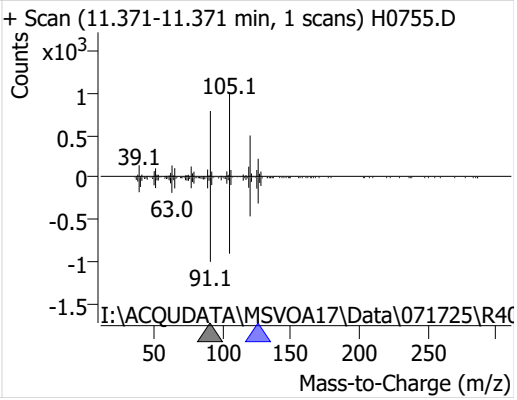




4-Chlorotoluene

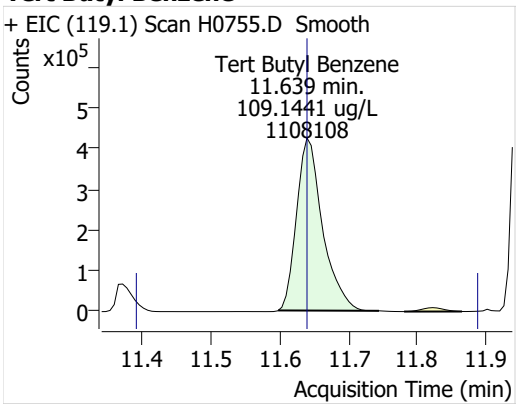


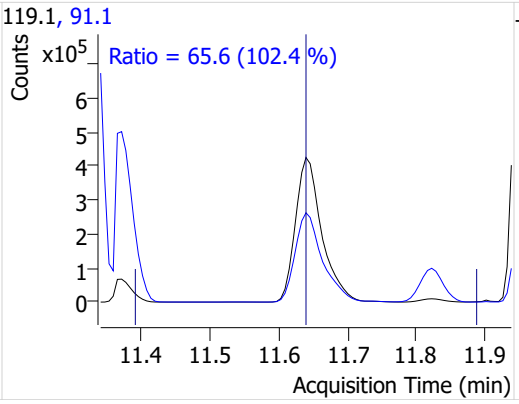


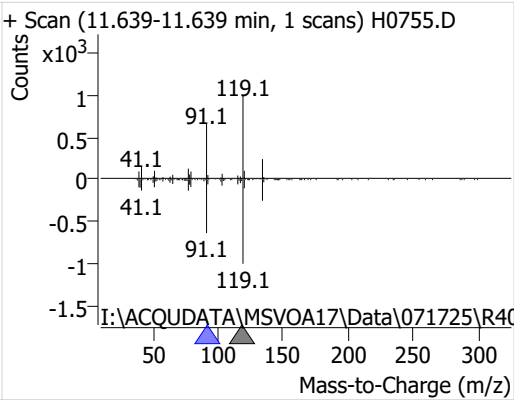


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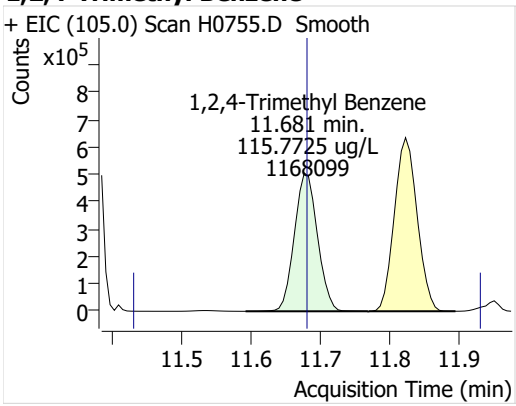
Tert Butyl Benzene

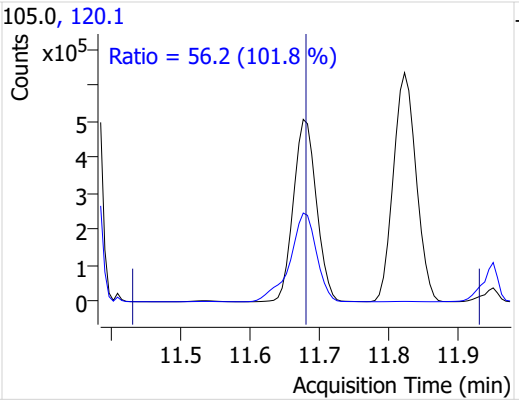


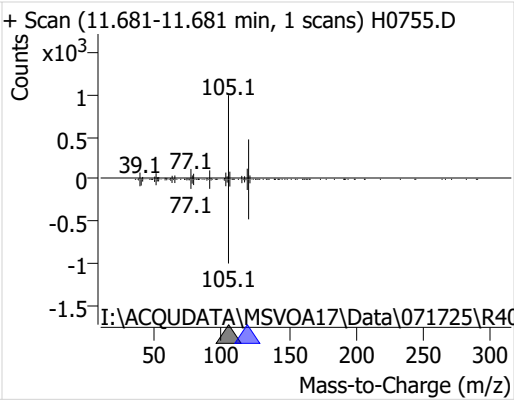




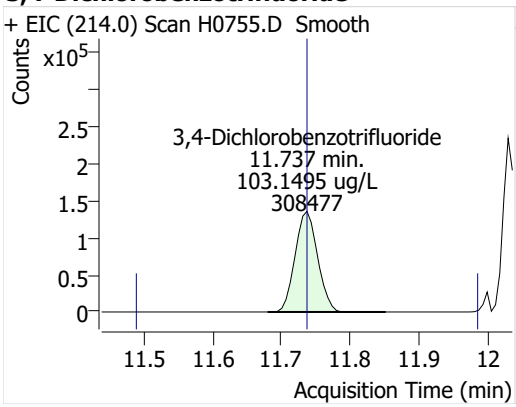
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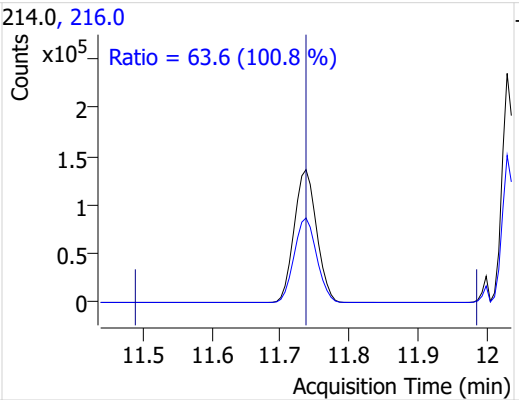


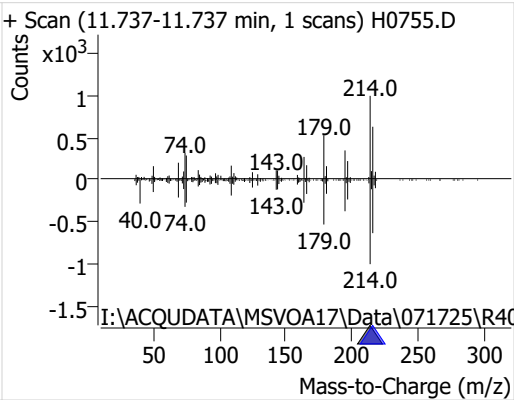




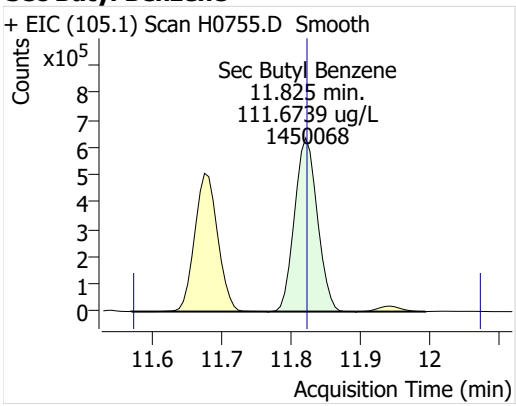
3,4-Dichlorobenzotrifluoride

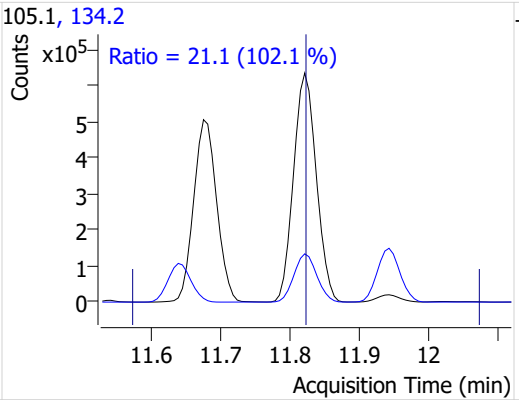


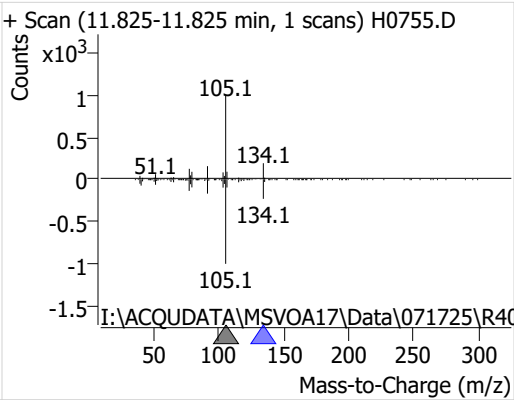




Sec Butyl Benzene

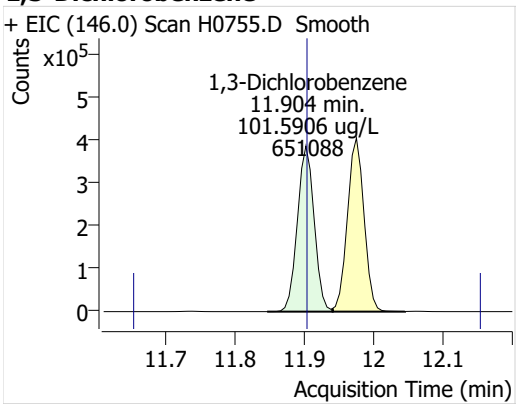


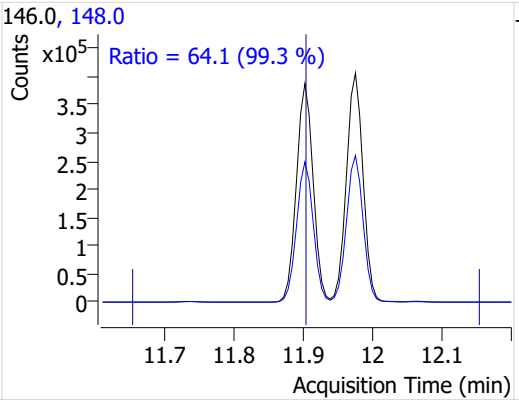


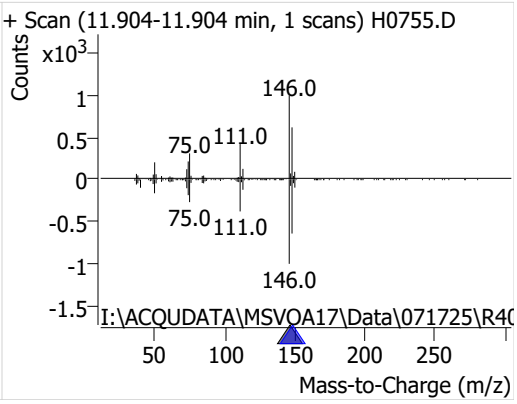


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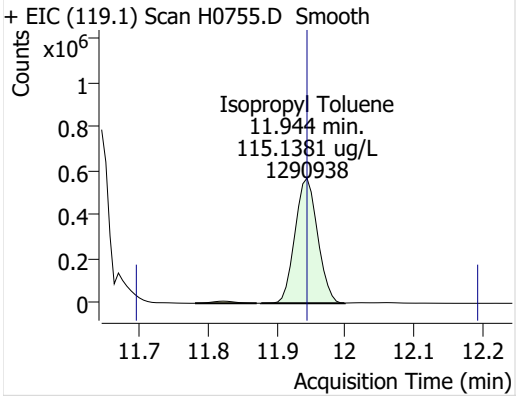
1,3-Dichlorobenzene

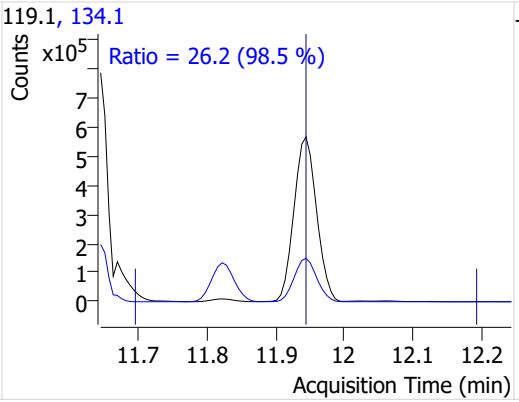


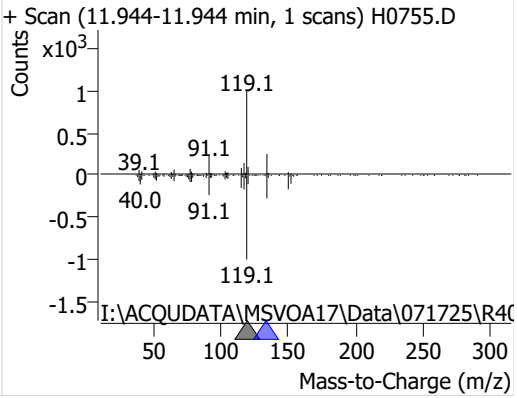




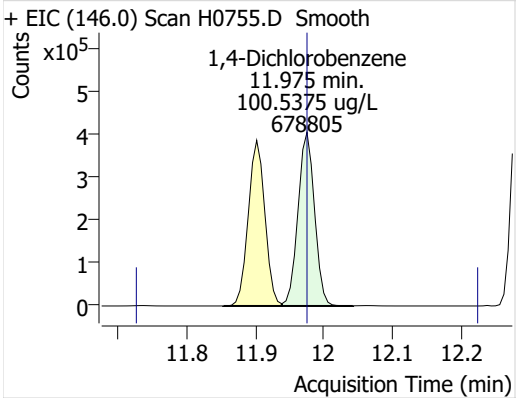
Isopropyl Toluene

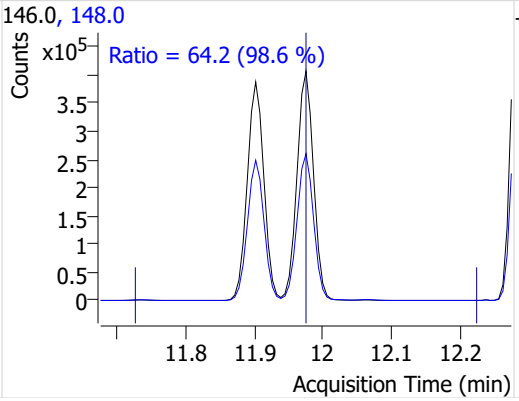


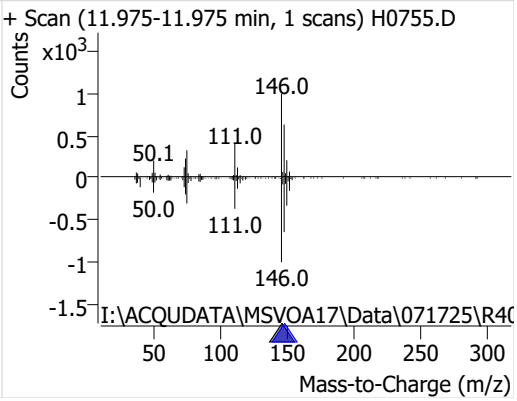




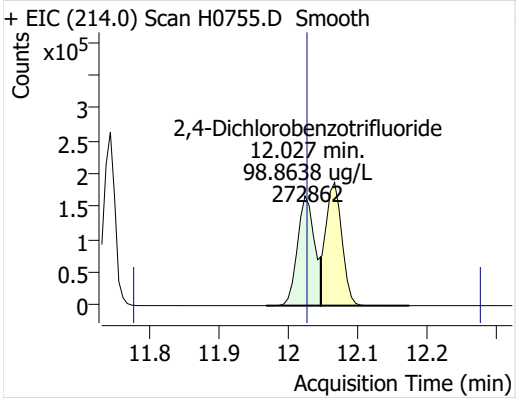
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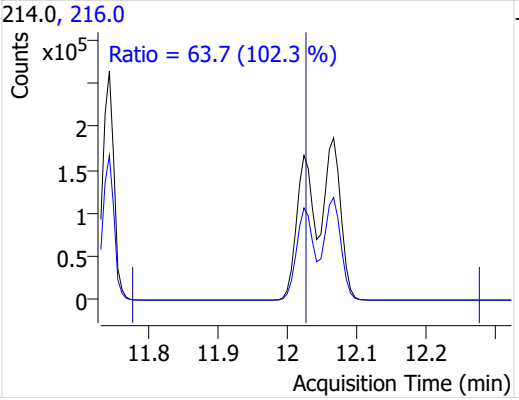


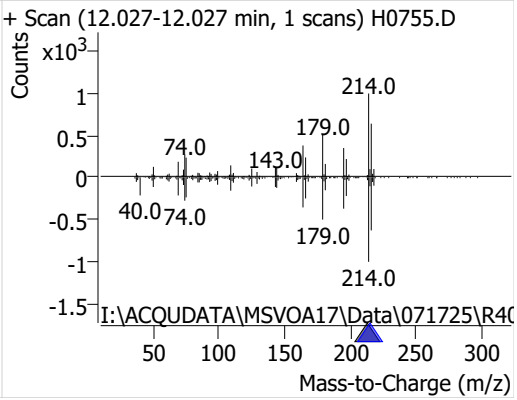




2,4-Dichlorobenzotrifluoride

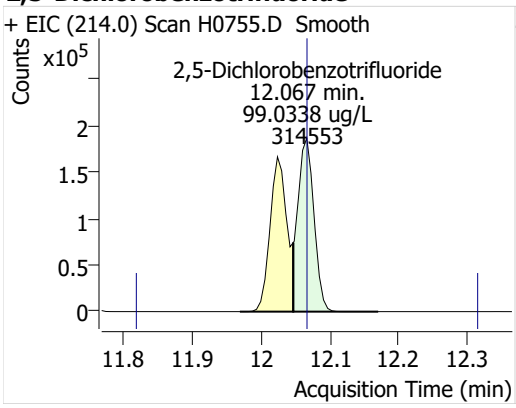


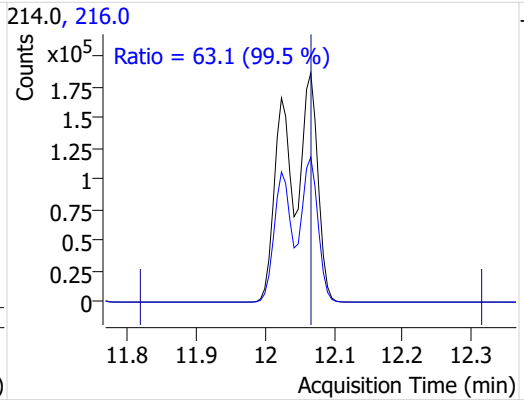


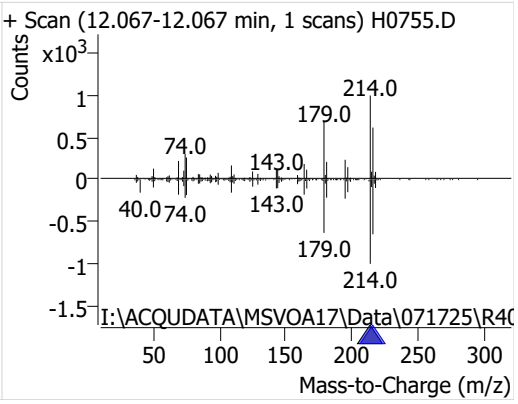


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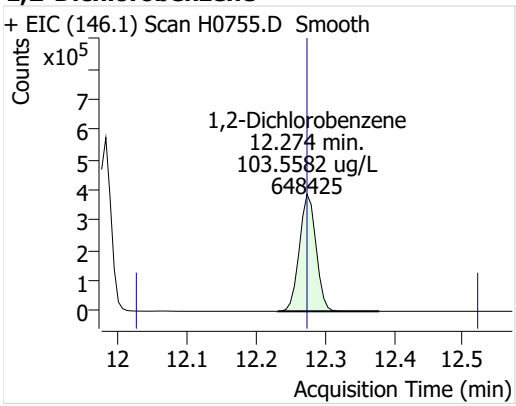
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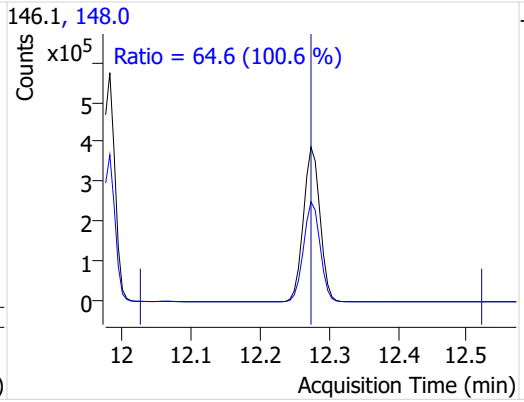


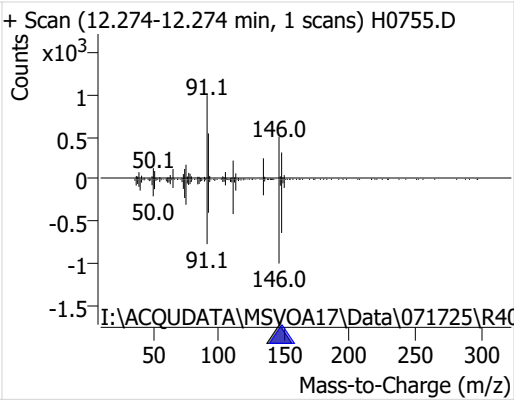




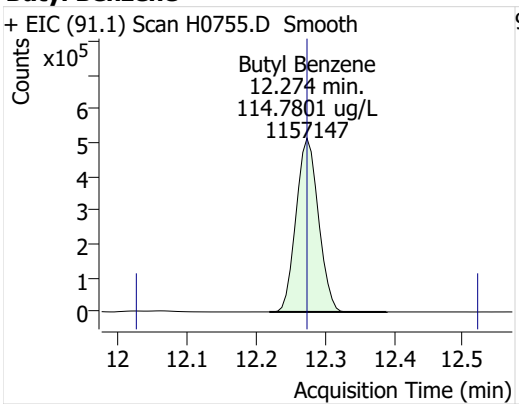
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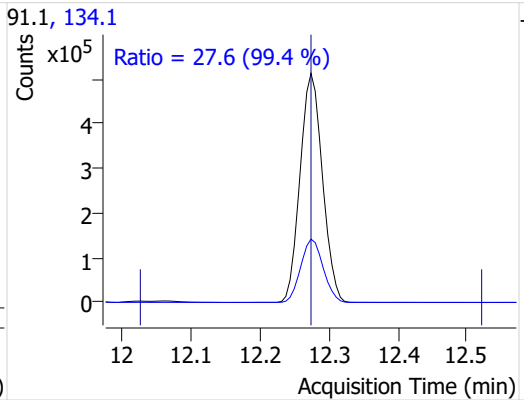


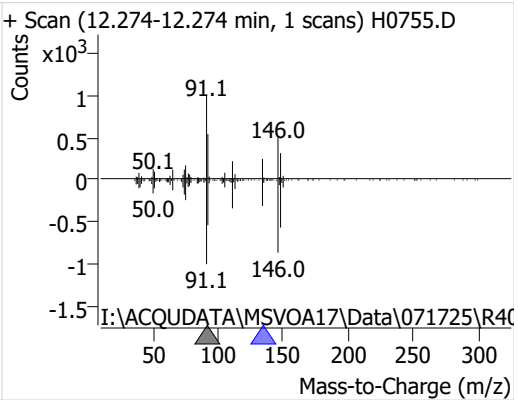




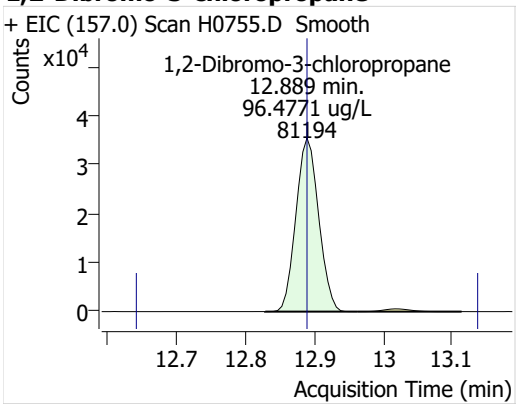
Butyl Benzene

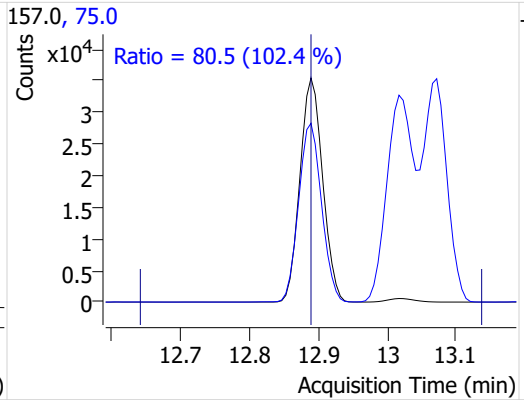


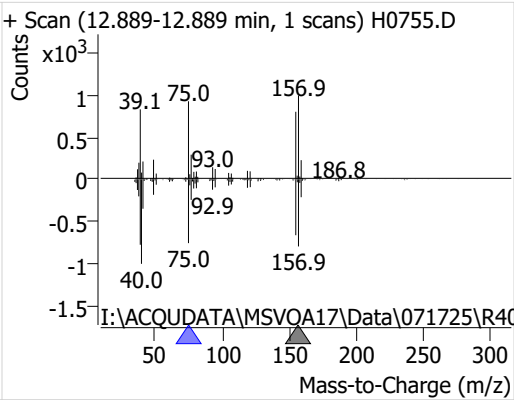




1,2-Dibromo-3-chloropropane

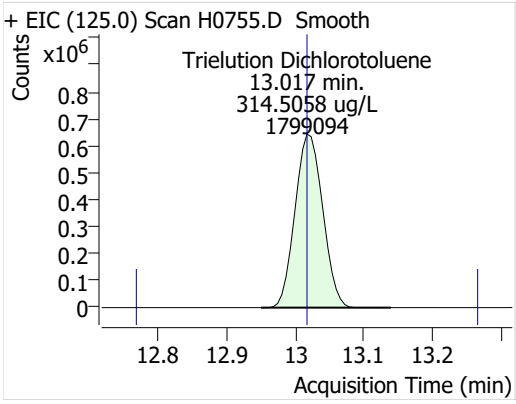


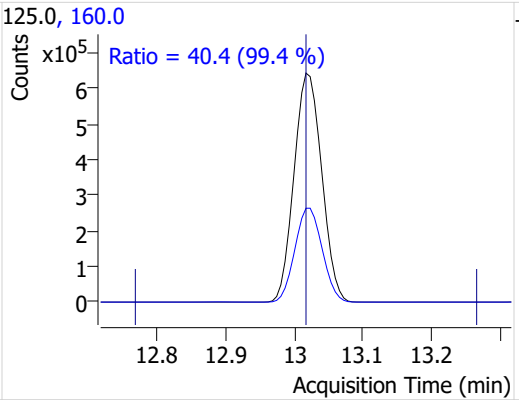


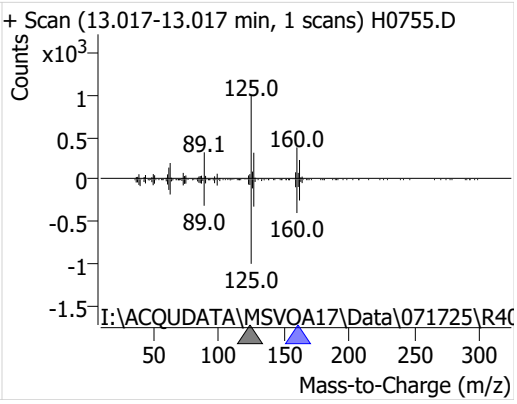


Masshunter Quantitative Analysis Sample Report

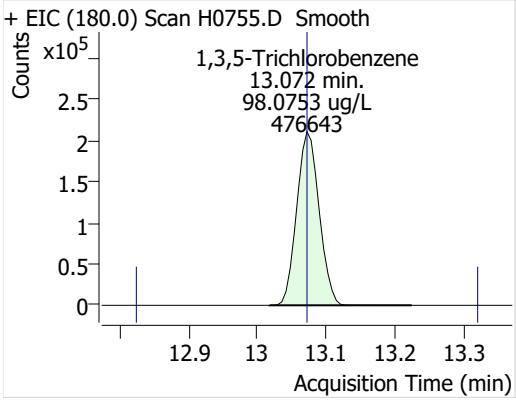
Trielution Dichlorotoluene

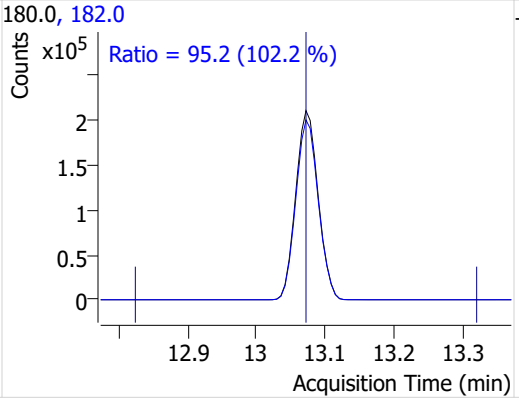


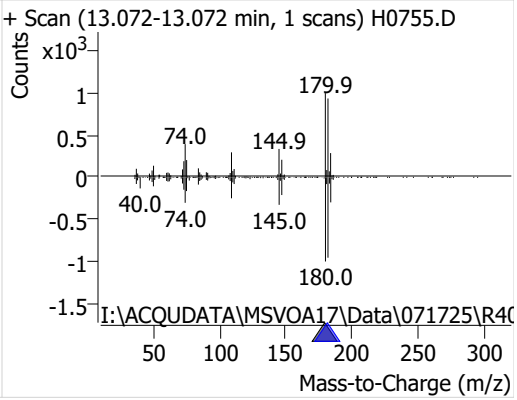




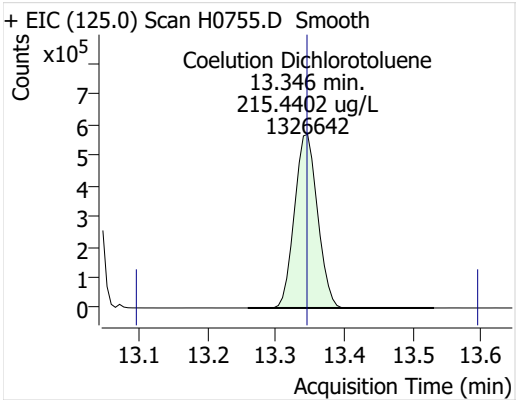
1,3,5-Trichlorobenzene

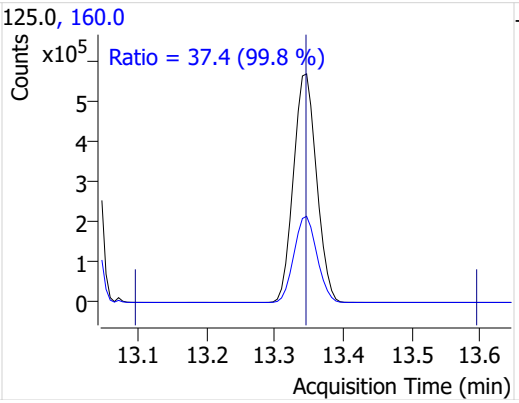


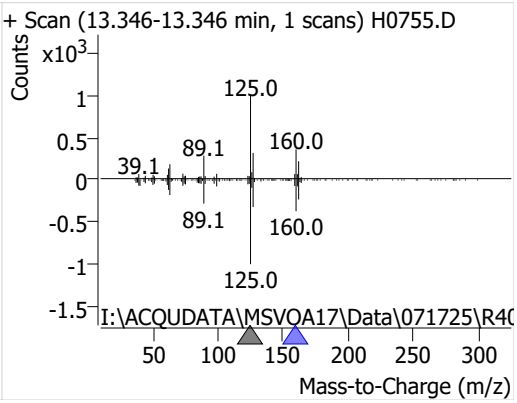




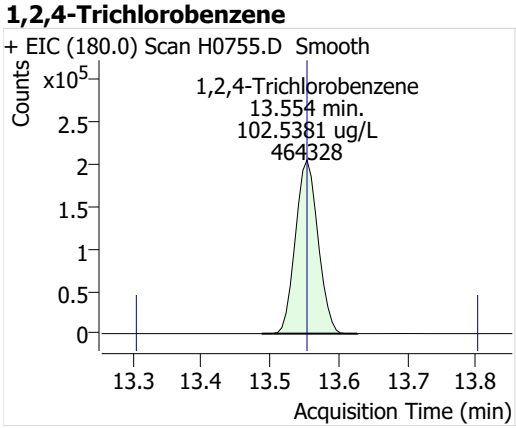
Coelution Dichlorotoluene

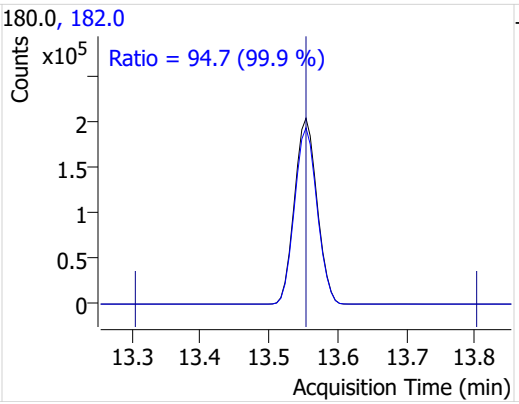


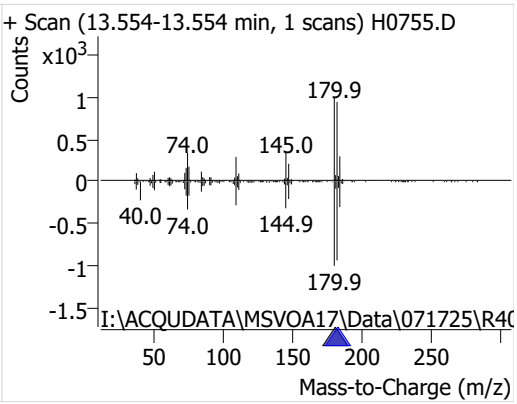




1,2,4-Trichlorobenzene

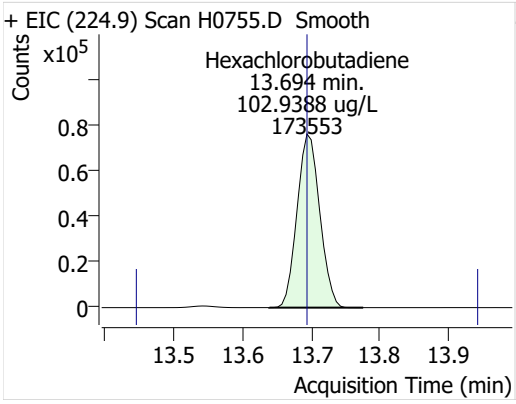


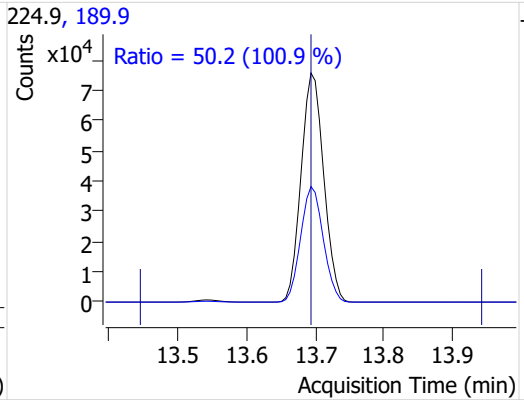


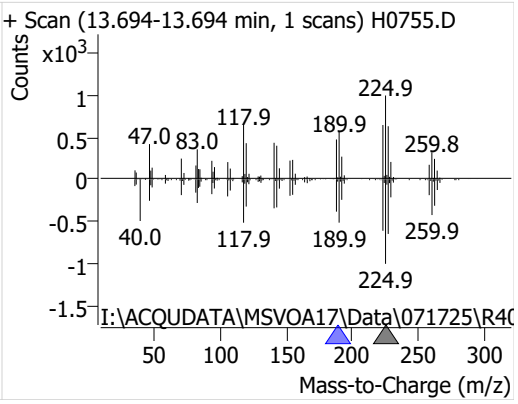


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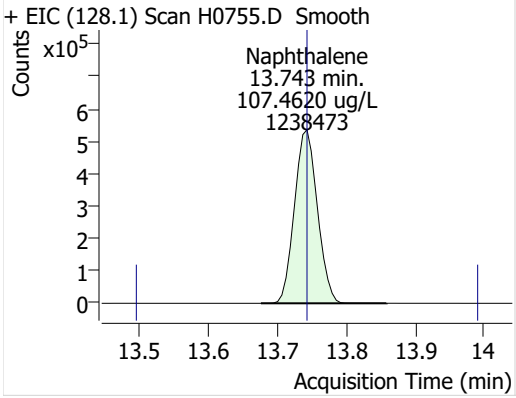
Hexachlorobutadiene

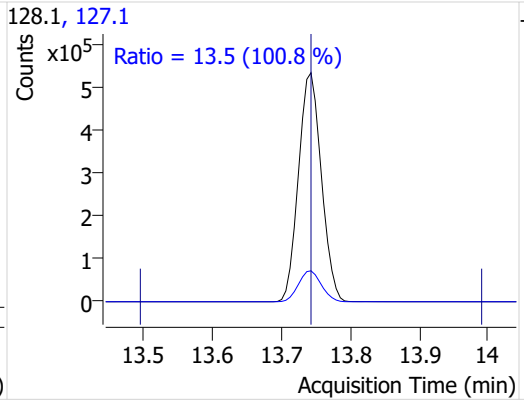


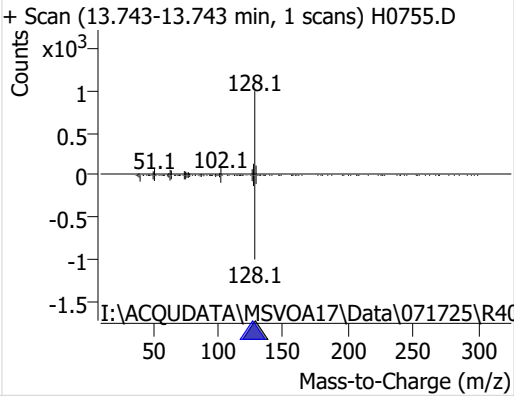




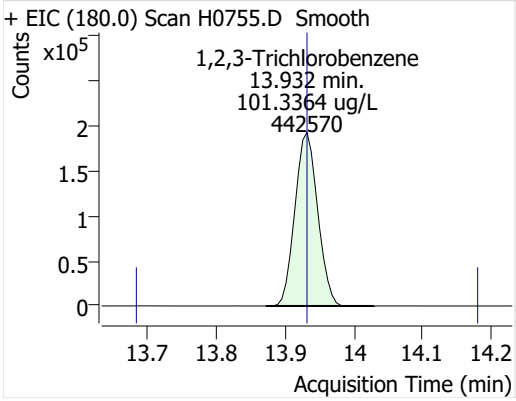
Naphthalene

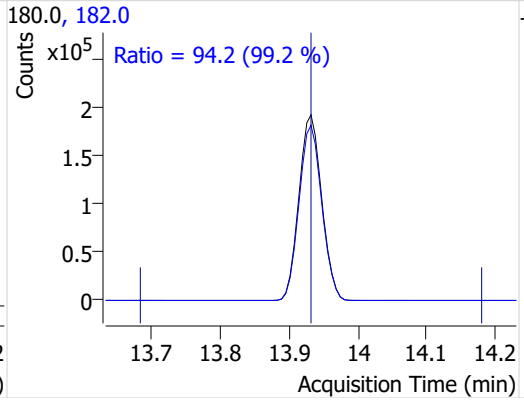


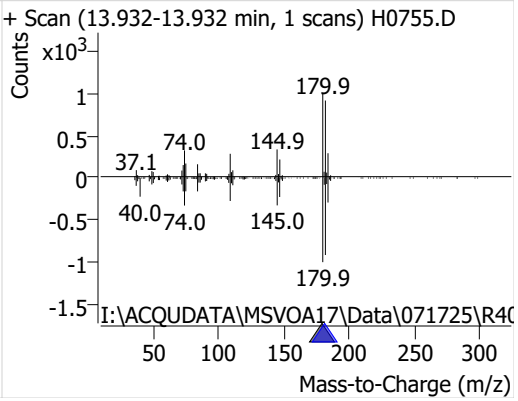




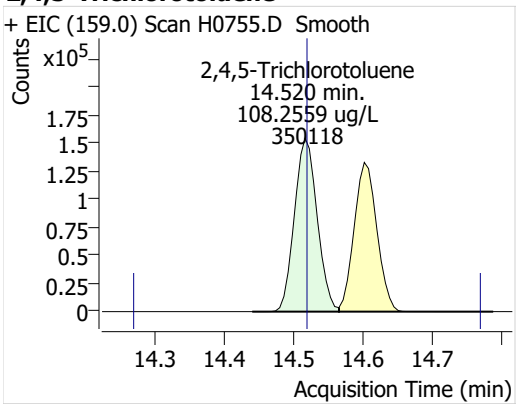
1,2,3-Trichlorobenzene

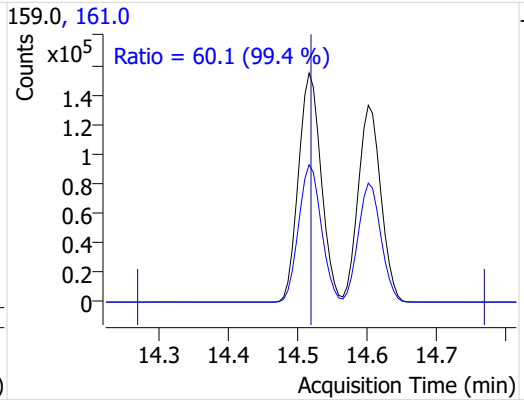


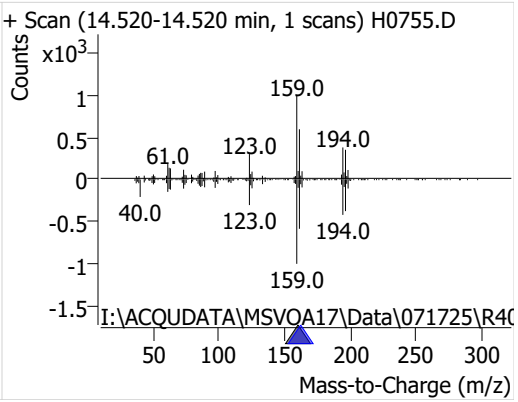




2,4,5-Trichlorotoluene

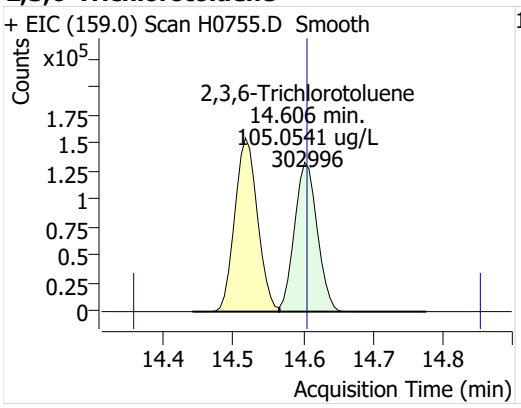


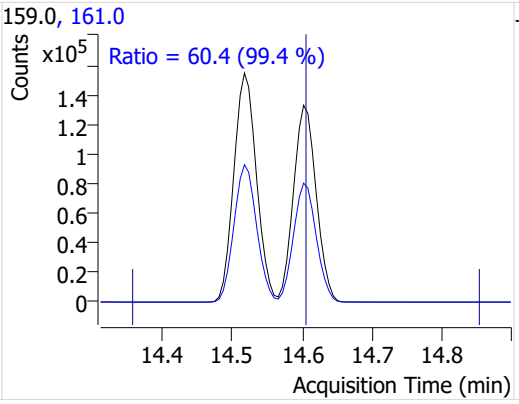


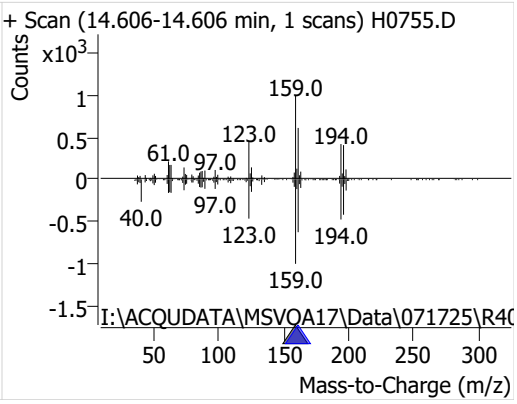


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





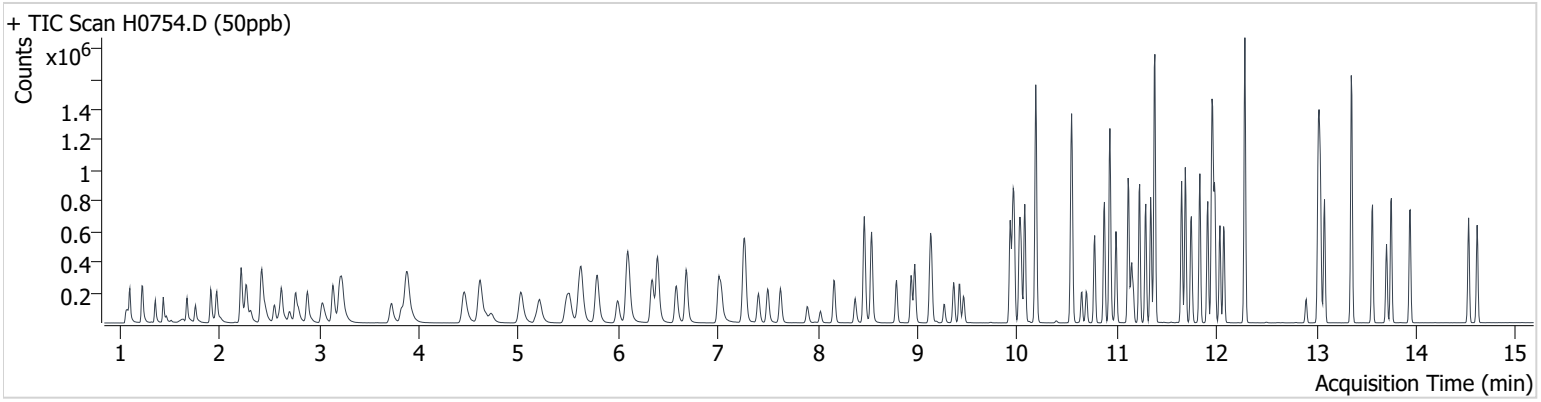


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0754.D

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Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	217698	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	354457	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	309932	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	183815	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	120813	52.8692	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	458826	51.9488	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	147274	49.7936	ug/L
1,1,2-dichloroethane-d4	65.0	0.898	0.000	5.988	0.000	138194	52.3951	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	122424	45.8766	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	120481	45.4565	ug/L
Chloromethane	50.100	0.240	0.000	1.352	0.000	111752	46.0204	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	128790	45.2978	ug/L
Bromomethane	94.000	0.297	0.000	1.670	0.000	87811	40.5496	ug/L
Chloroethane	64.000	0.312	0.000	1.755	0.000	85445	41.0163	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.000	192193	44.8265	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	173600	44.7158	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.001	102136	44.1425	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.000	96257	48.3126	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.001	152413	43.8086	ug/L
Acrolein	56.000	0.411	0.000	2.311	0.000	35416	252.4844	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	159696	45.3262	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.001	102867	42.4488	ug/L
Acetone	43.000	0.437	0.000	2.456	0.001	45573	46.8061	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.000	140602	47.8860	ug/L
2-Propanol	45.000	0.464	0.000	2.606	0.000	124169	870.4839	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	267854	45.3836	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	209329 LT	264.1426	ug/L
Methyl Acetate	43.000	0.496	0.000	2.787	0.000	83545	43.2574	ug/L

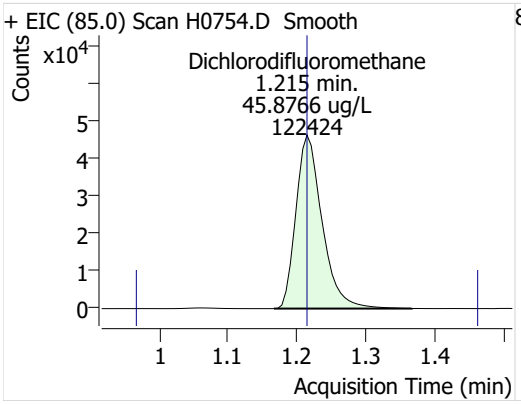
Masshunter Quantitative Analysis Sample Report

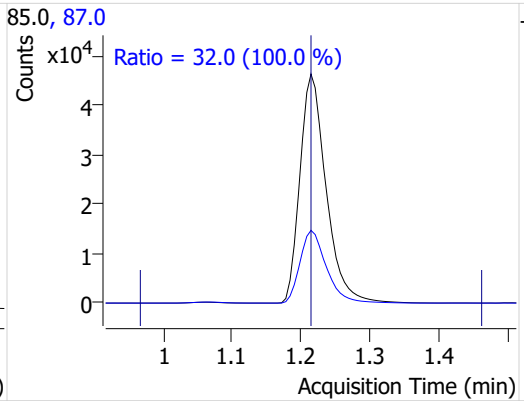
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	110529	46.7244	ug/L
TBA	59.000	0.538	0.000	3.025	0.000	213771	970.9275	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	246683	246.3240	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	142830	45.8054	ug/L
MTBE	73.000	0.573	0.000	3.220	0.000	325752	49.9965	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	182762	45.7473	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.822	0.000	167850	49.7886	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	89675	47.7961	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	328459	48.1347	ug/L
ETBE	59.000	0.791	0.000	4.450	0.000	313732	49.1309	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	118921	47.7241	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	137178	45.9621	ug/L
2-Butanone	43.000	0.831	0.000	4.673	0.000	56780	46.3419	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	93289	242.3952	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	84061	48.0176	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.000	51177	51.0501	ug/L
Tetrahydrofuran	42.000	0.920	0.000	5.171	0.001	35630	47.9396	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	186083	45.2854	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.500	0.000	154215	45.7424	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	157770	47.9723	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.000	139621	46.0667	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	126257	44.7788	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	397788	46.8913	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	162928	49.6619	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.100	0.000	82823	1005.8379	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	297657	50.2307	ug/L
n-Heptane	43.000	0.986	0.000	6.575	0.000	133309	45.8176	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	119721	45.9156	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	143593	2459.5615	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	139869	45.4772	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	112013	48.0160	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	78401	47.0871	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	32810	955.5853	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	80322	50.1966	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	148643	48.0535	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	74983	99.0412	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	36396	52.3048	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.158	0.000	151228	49.1533	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.369	0.000	103932	46.0940	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	434629	46.8161	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	132446	48.9971	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	143965	51.0458	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	106044	49.5639	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	104847	44.8052	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	173419	48.3969	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	40019	45.7033	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	122450	49.0432	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.414	0.000	159875	47.7928	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	101071	48.5877	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	302650	46.6179	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	148258	43.8489	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.000	141116	44.0039	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	110473	48.8757	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	473062	47.1197	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	741672	98.0701	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	385480	47.7392	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	333546	49.1558	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	74634	48.8692	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	148513	43.8683	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	440023	48.2493	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	412068	987.2851	ug/L

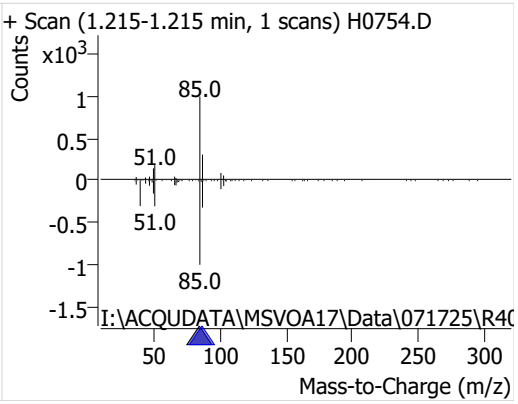
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	141061	48.3350	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.000	138190	47.5694	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	168766	46.7870	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	36349	50.7555	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	562745	48.2639	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.000	324784	46.3099	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	324603	45.9609	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	427697	48.1000	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	455592	47.7582	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	409107	46.6732	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	433692	49.7873	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	117907	45.6665	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	533605	47.5987	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	253183	45.7573	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	462844	47.8146	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	266211	45.6690	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	105668	44.3455	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	121111	44.1655	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	261316	48.3395	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	415152	47.6977	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	33805	46.5258	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	712001	144.1676	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	195031	46.4817	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	524310	98.6218	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	185084	47.3415	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	66399	45.6165	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	515372	51.7966	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	183088	48.5574	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	144533	51.7626	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	123220	49.4845	ug/L

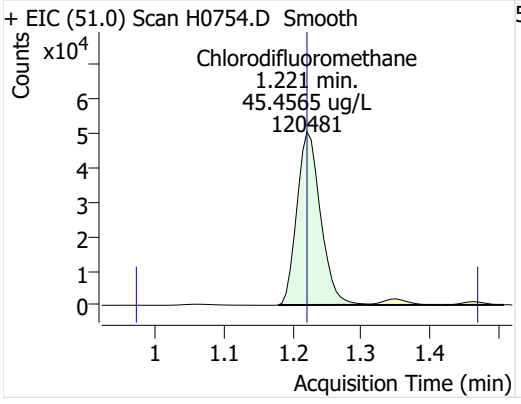
Dichlorodifluoromethane

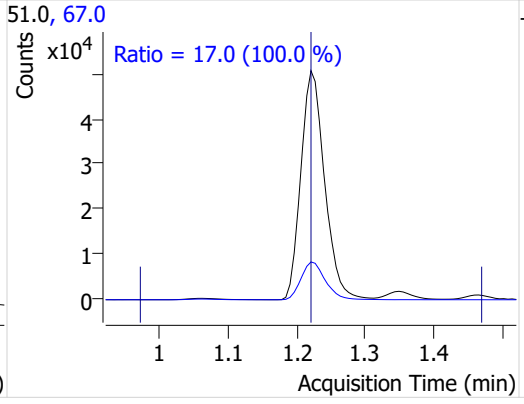


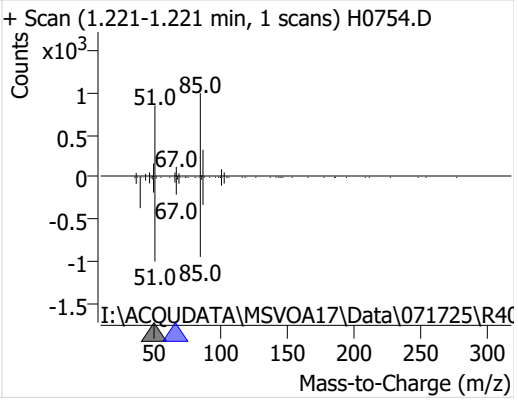




Chlorodifluoromethane

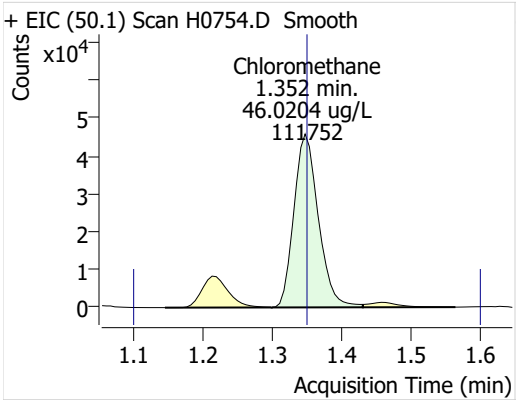


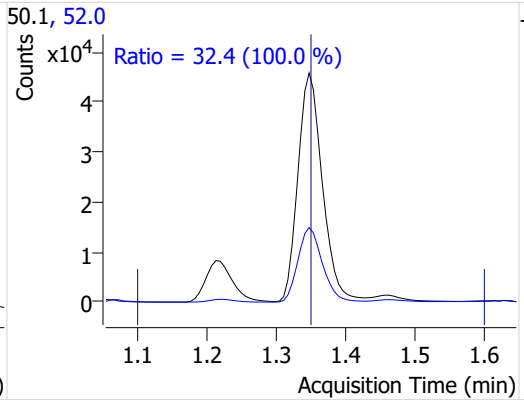


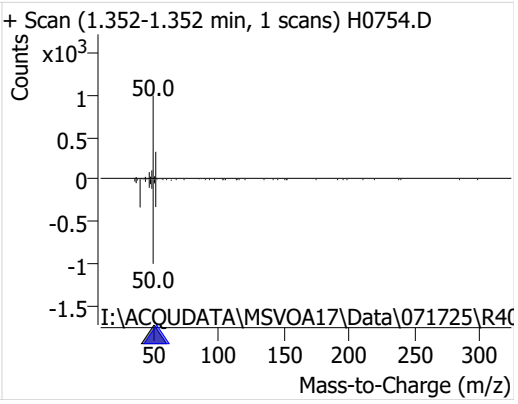


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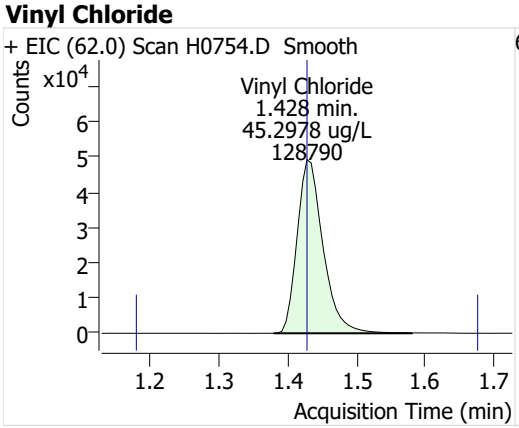
Chloromethane

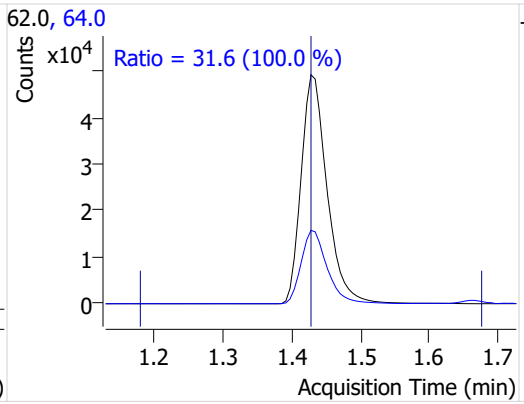


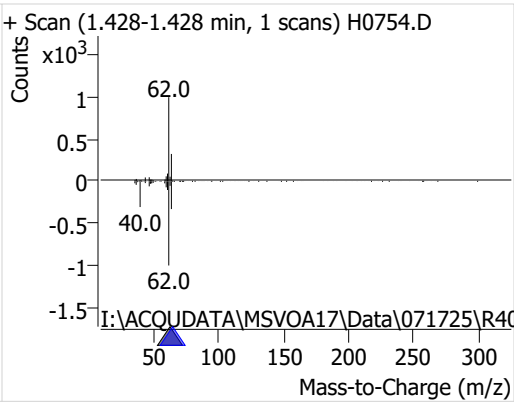




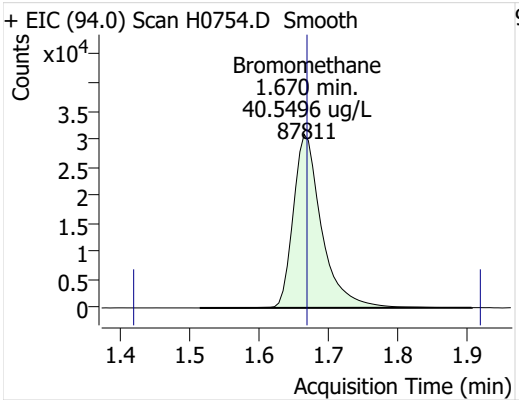
Vinyl Chloride

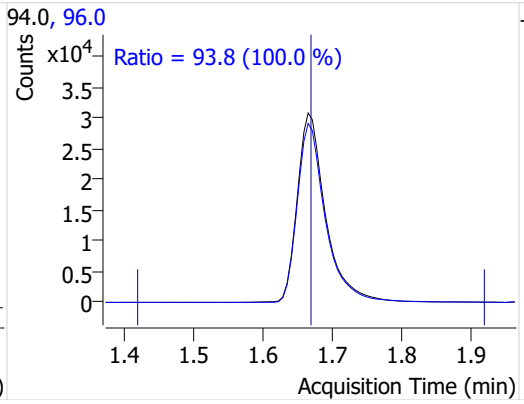


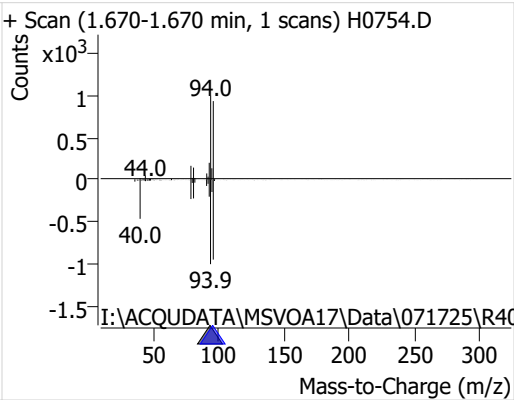




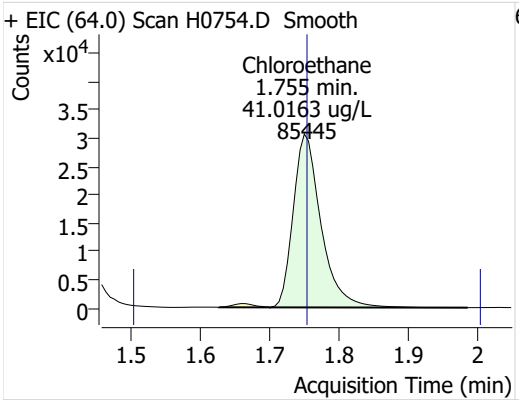
Bromomethane

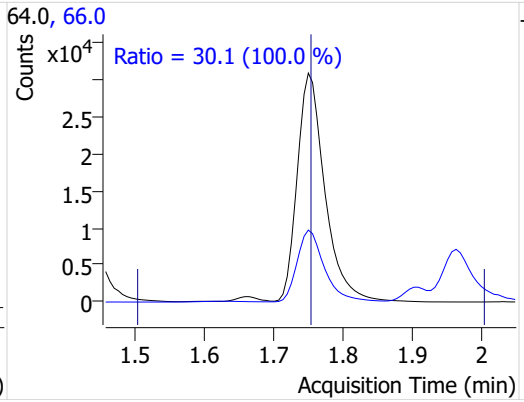


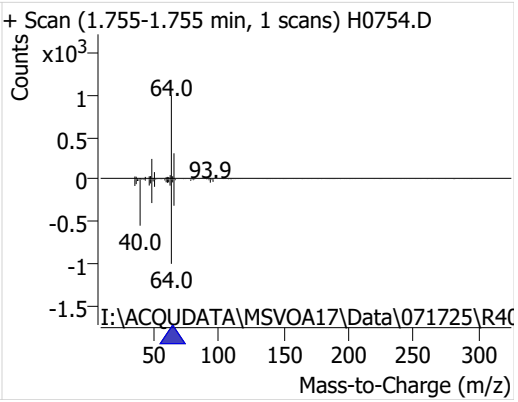




Chloroethane

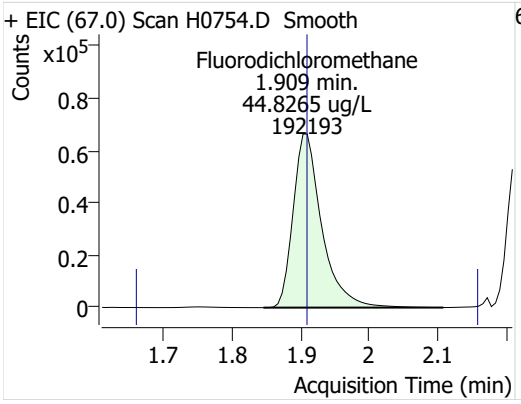


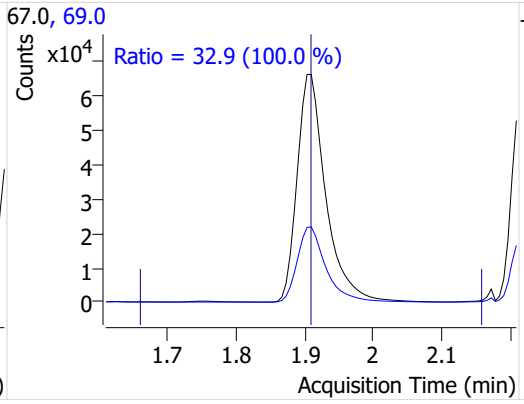


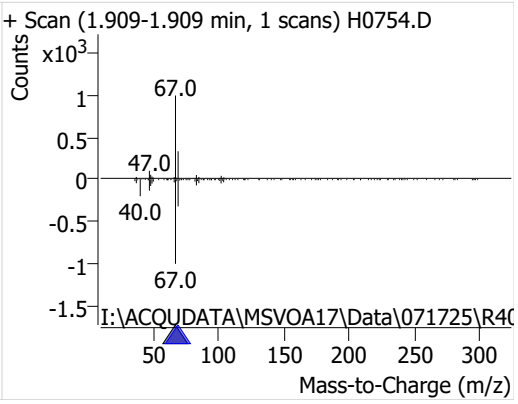


Masshunter Quantitative Analysis Sample Report

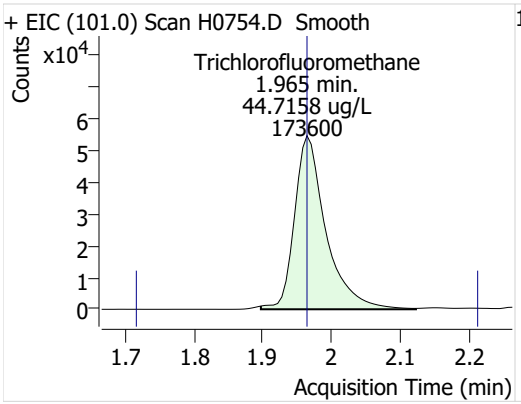
Fluorodichloromethane

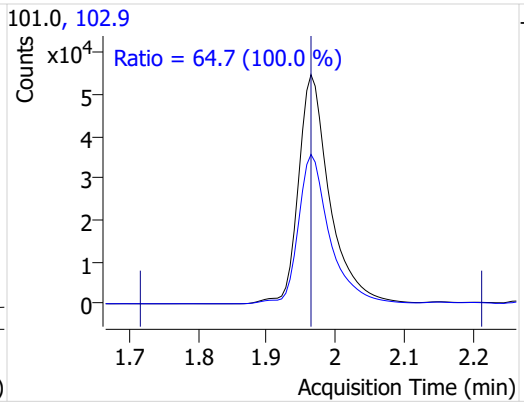


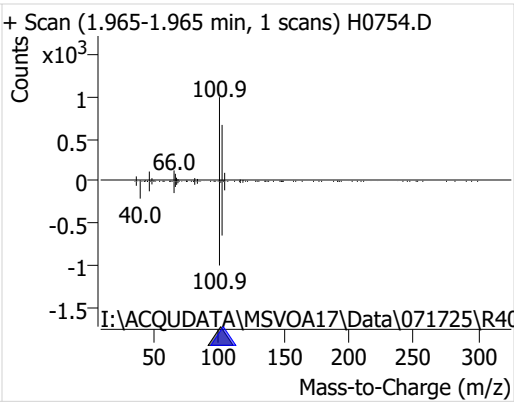




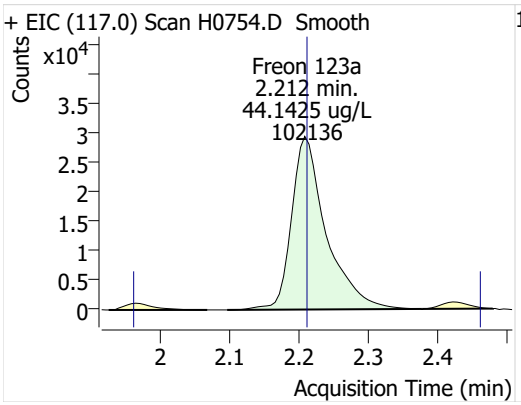
Trichlorofluoromethane

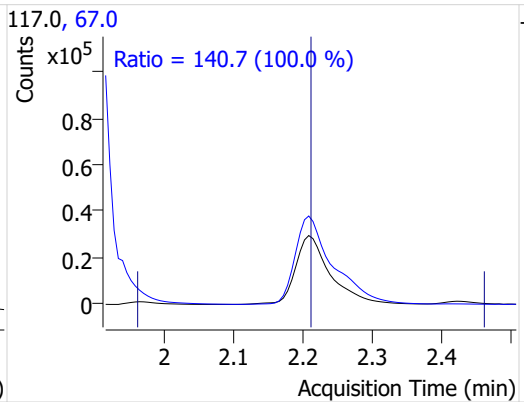


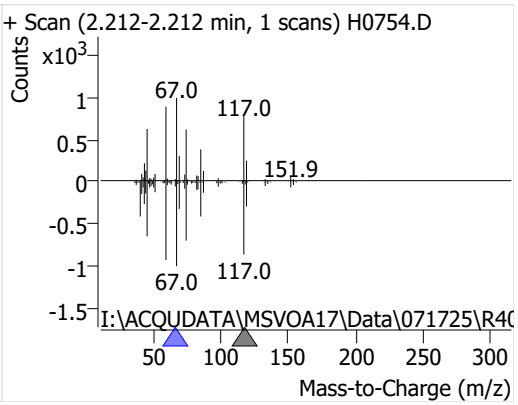




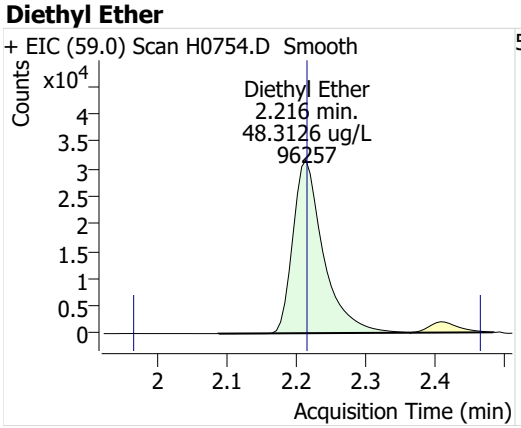
Freon 123a

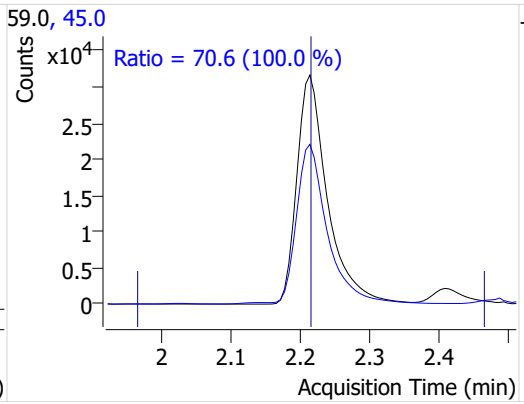


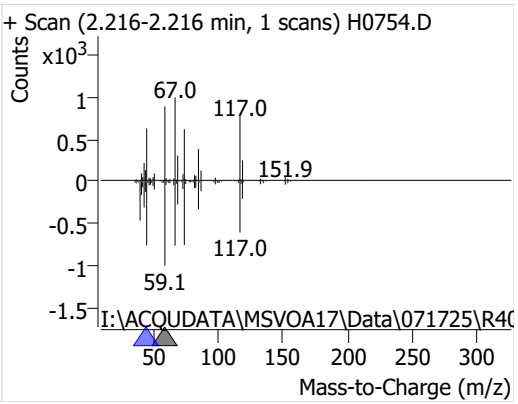




Diethyl Ether

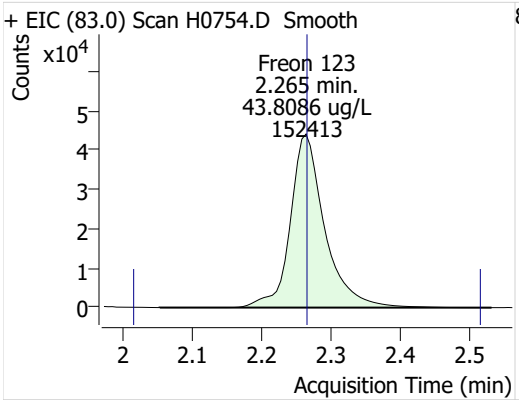


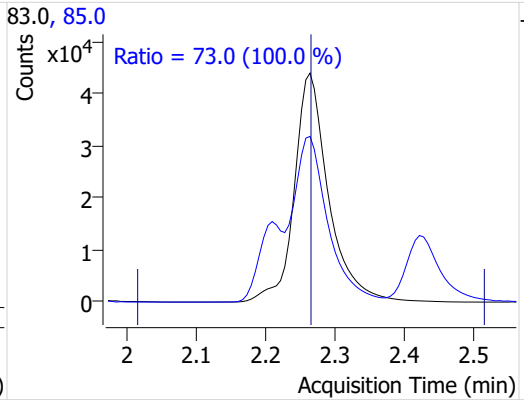


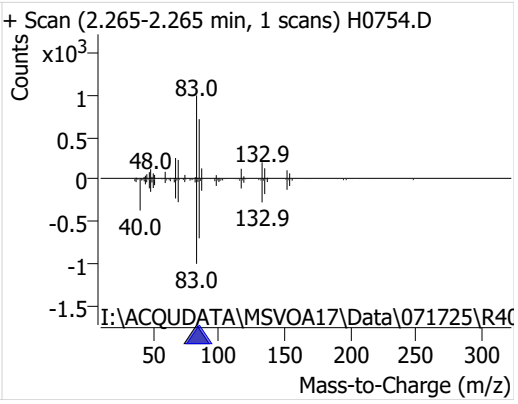


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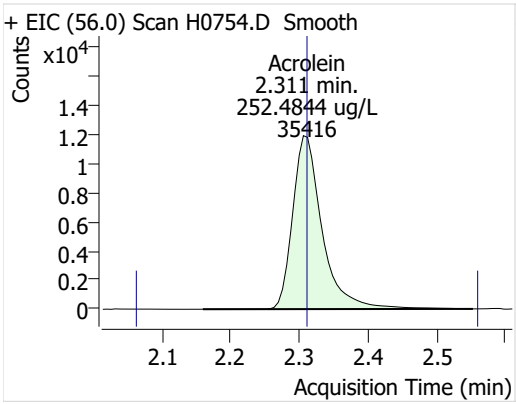
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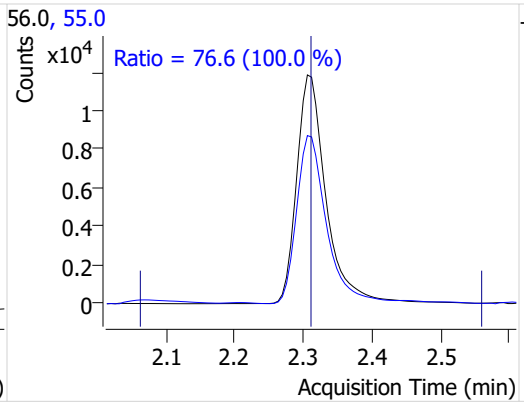


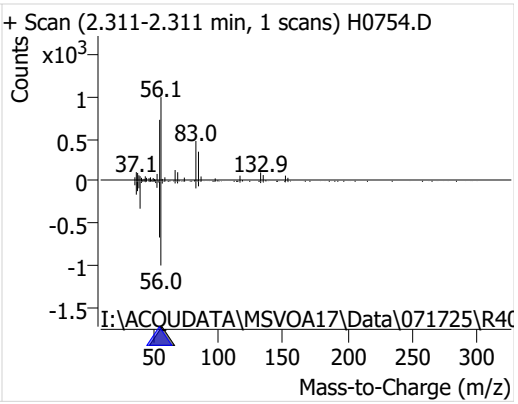




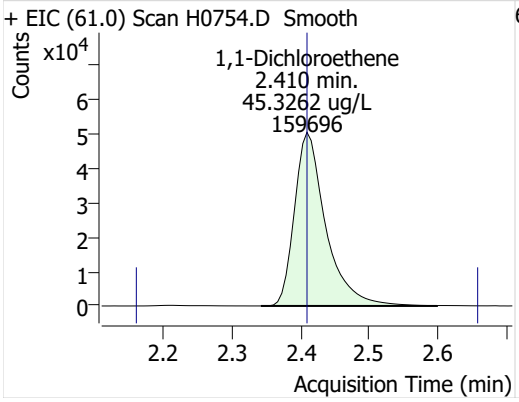
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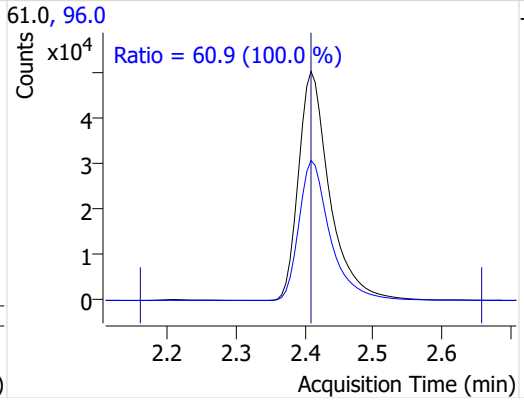


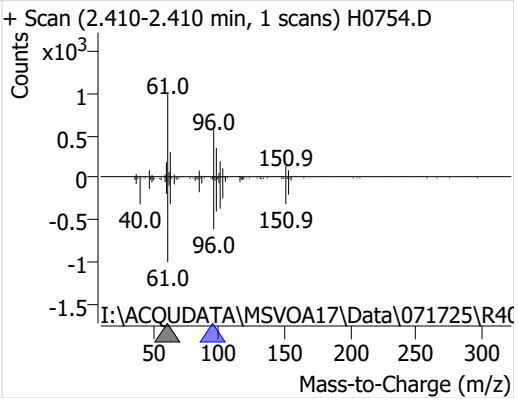




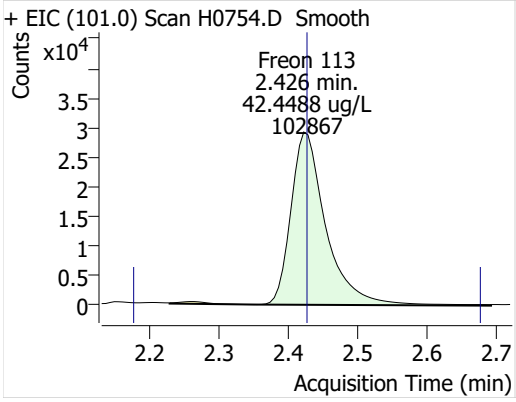
1,1-Dichloroethene

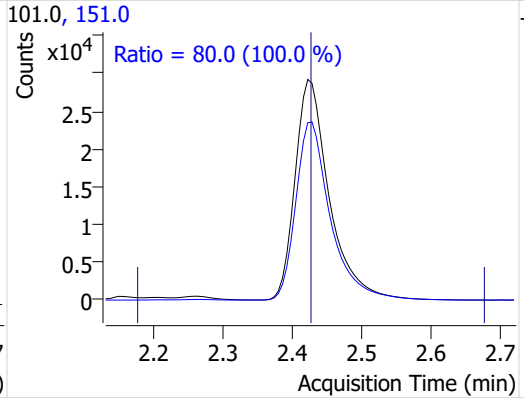


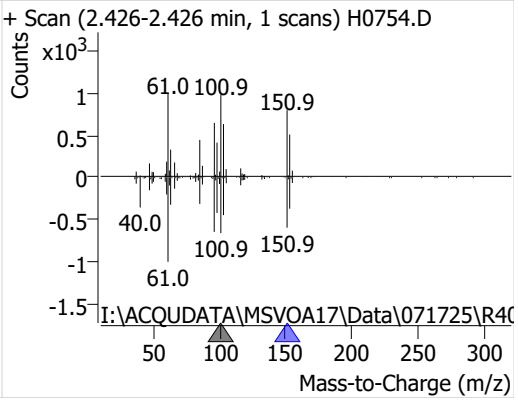




Freon 113

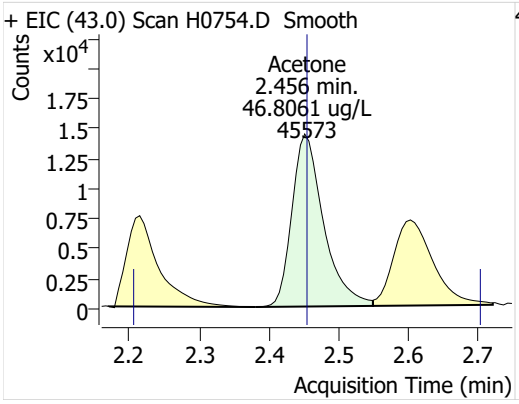


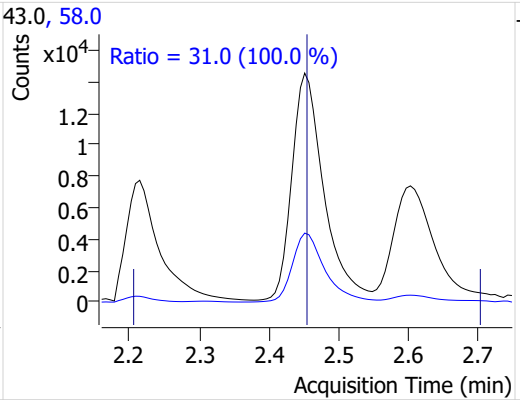


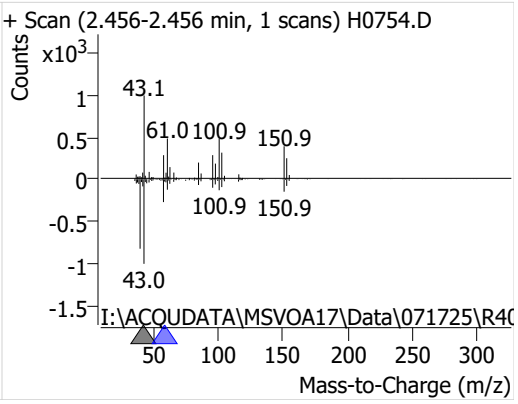


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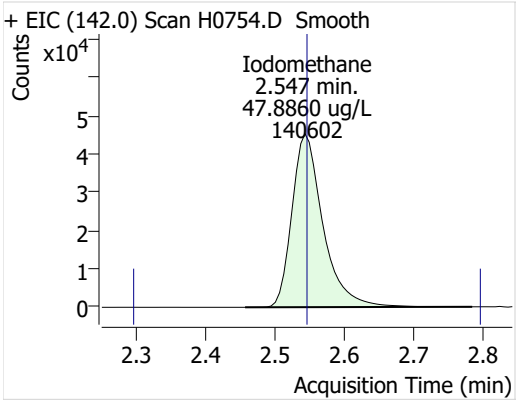
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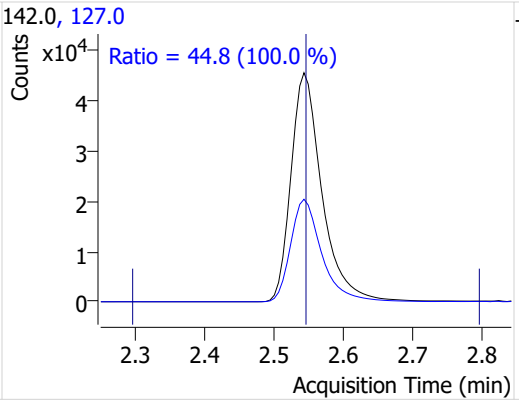


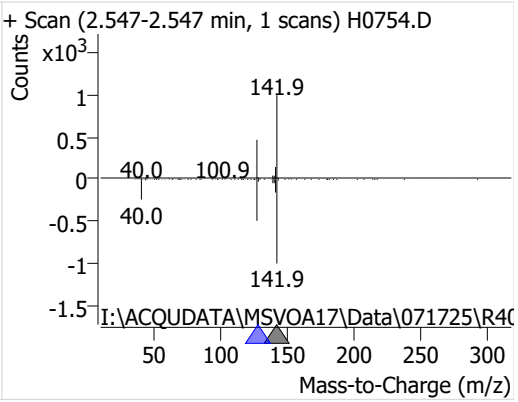




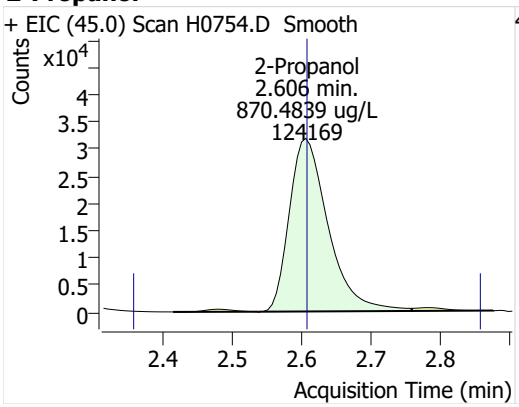
Iodomethane

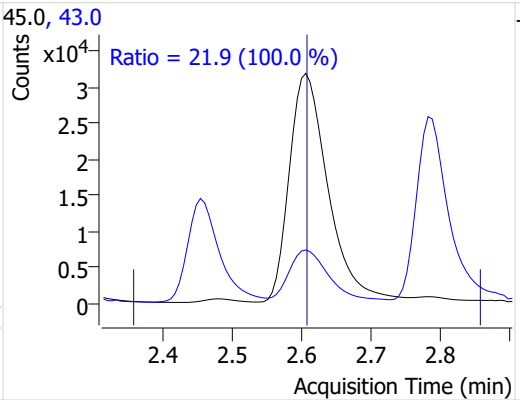


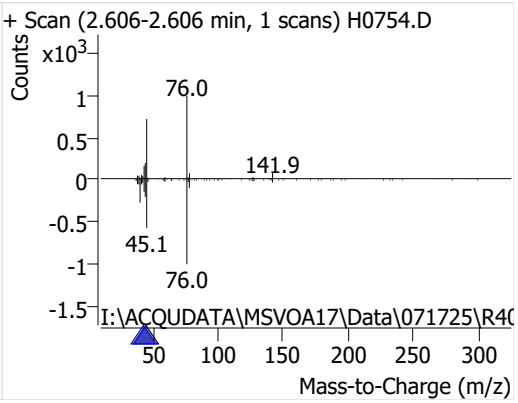




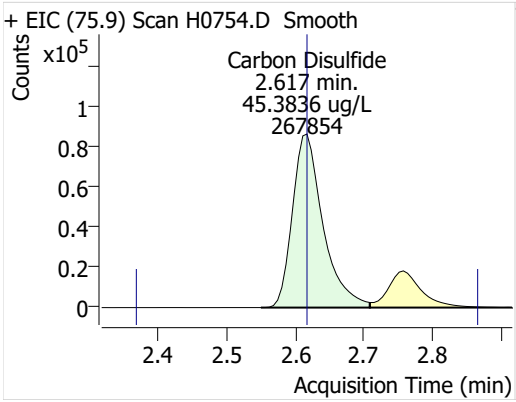
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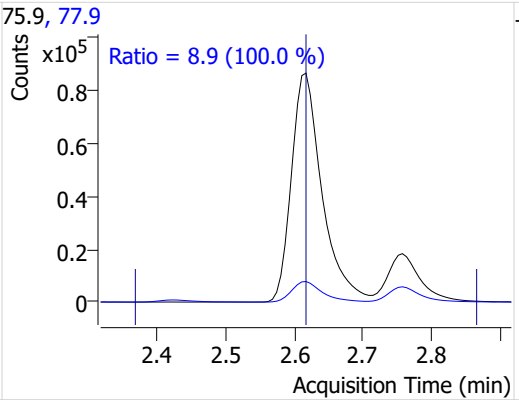


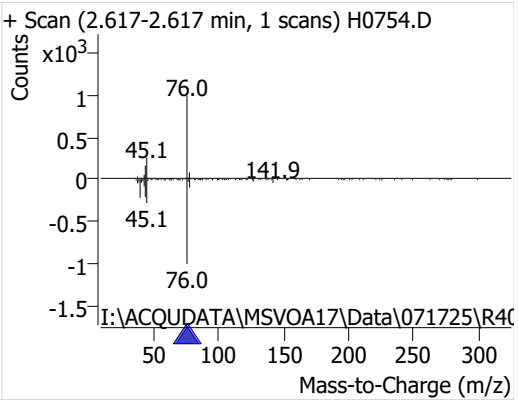




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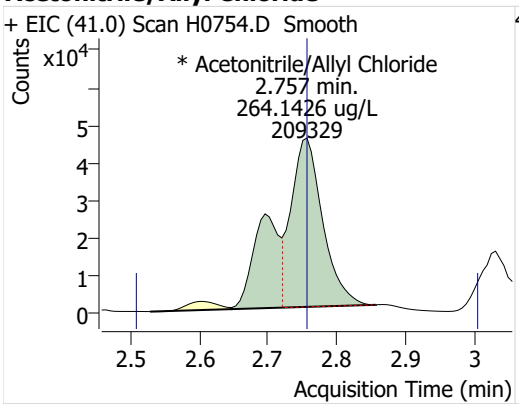


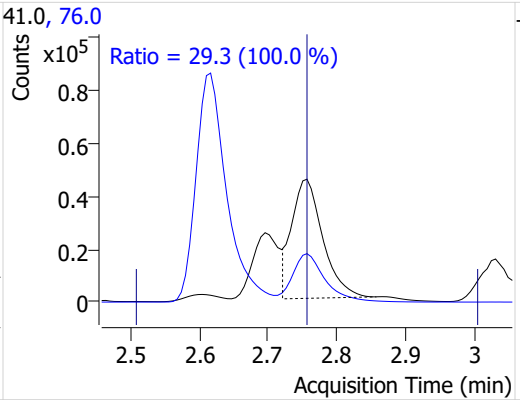


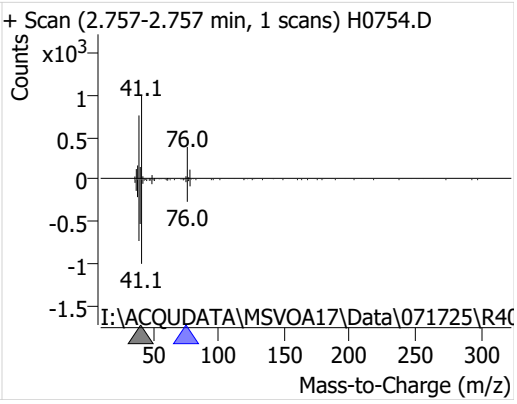


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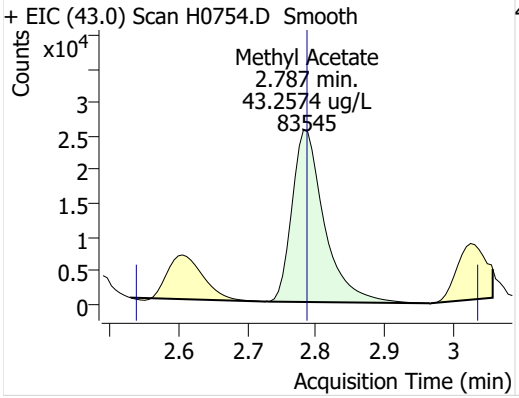
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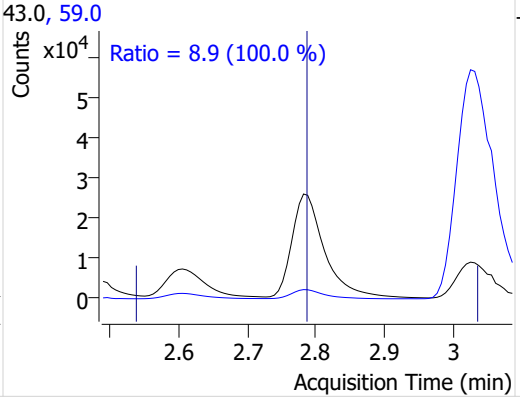


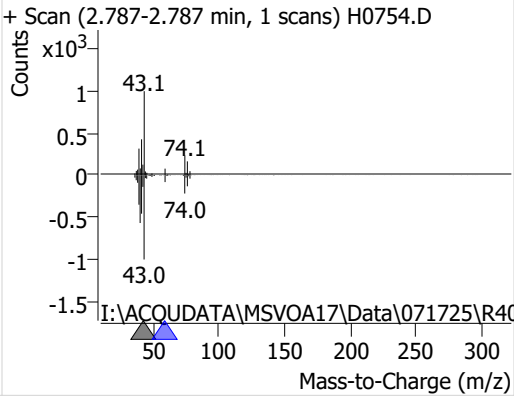




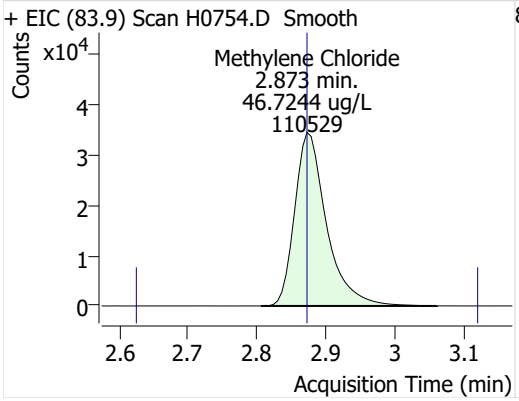
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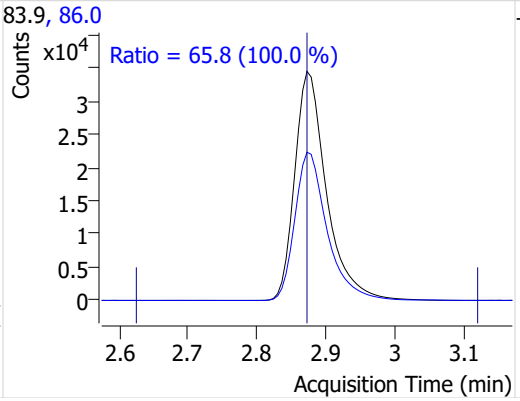


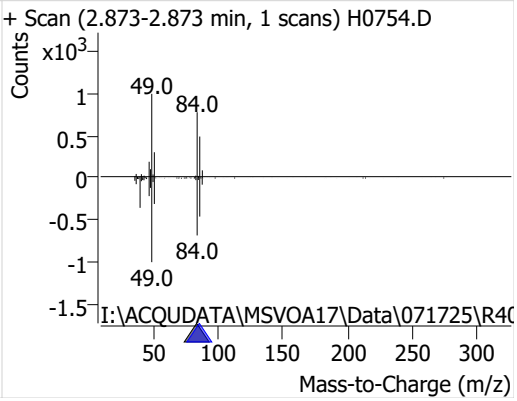




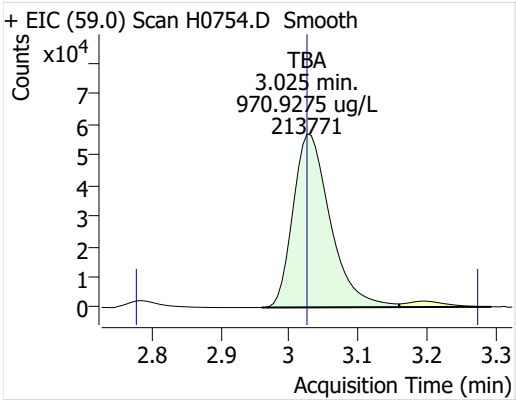
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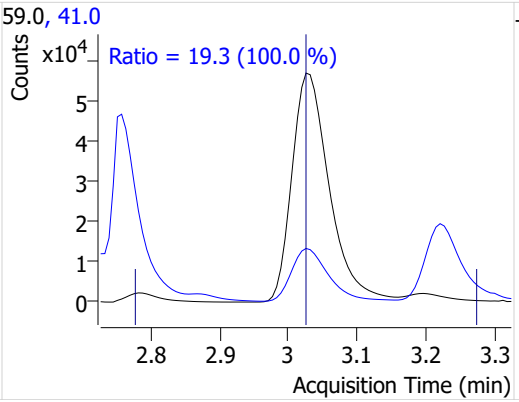


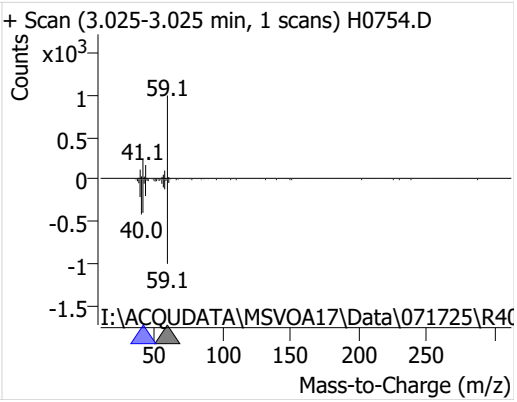




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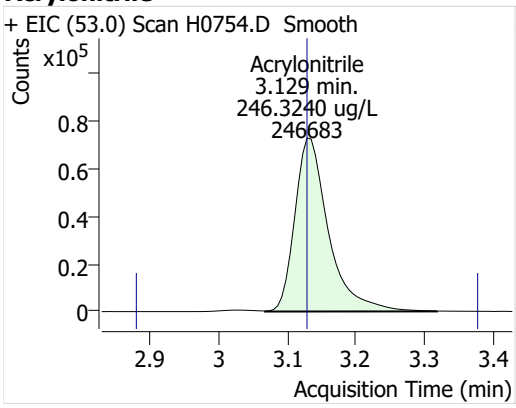


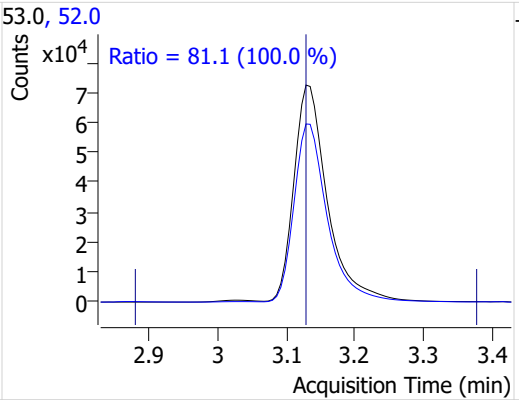


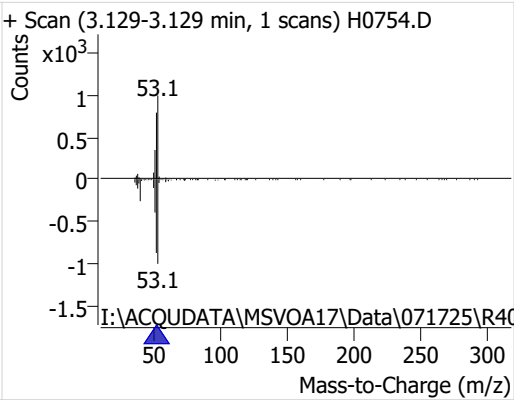


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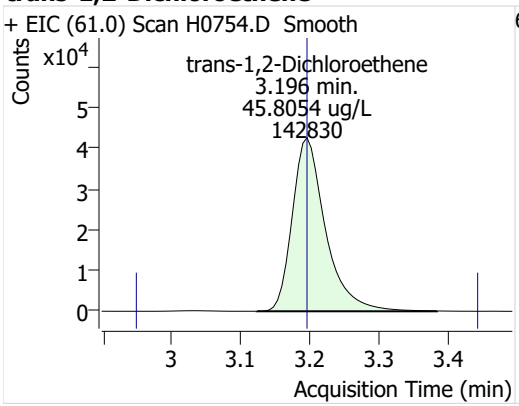
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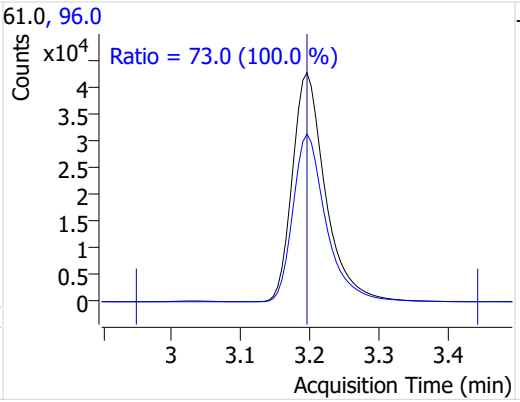


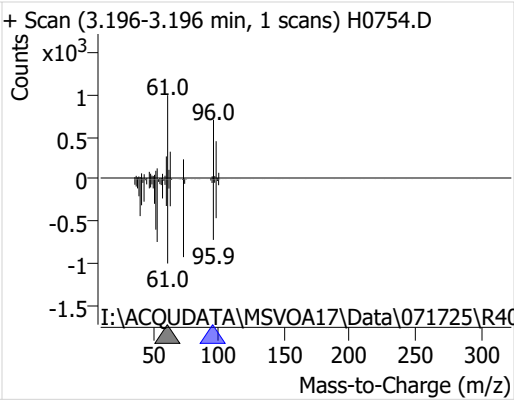




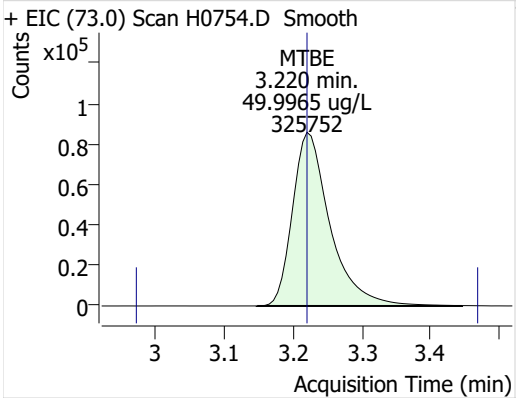
trans-1,2-Dichloroethene

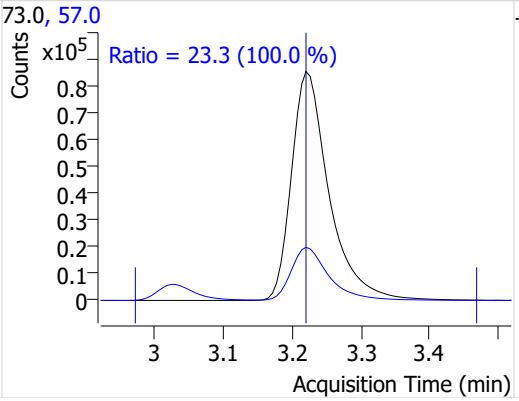


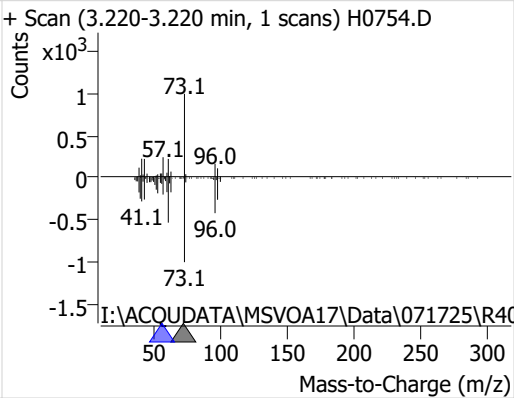




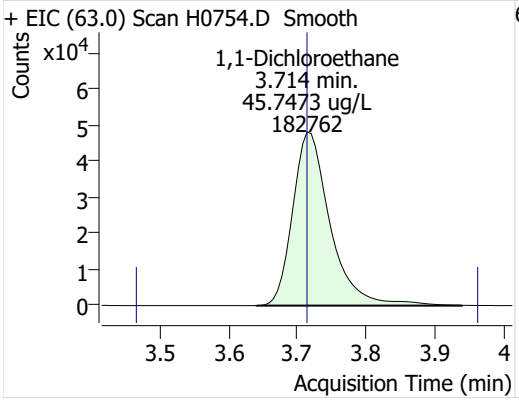
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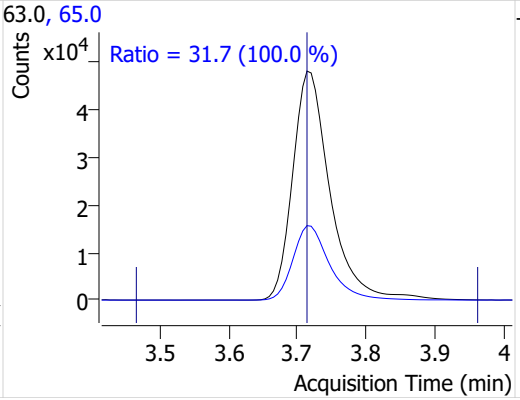


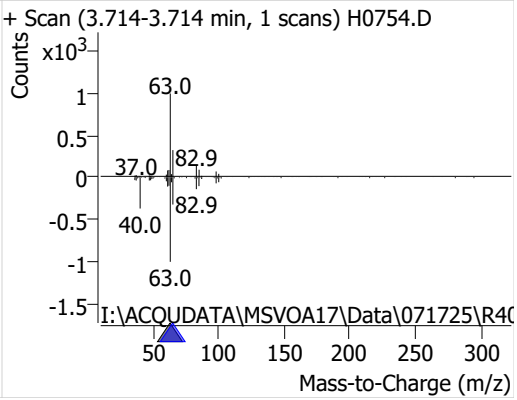




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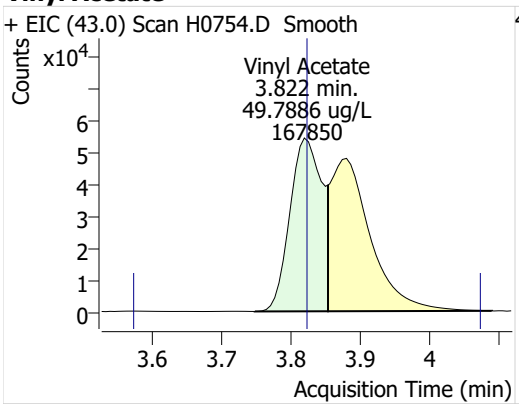


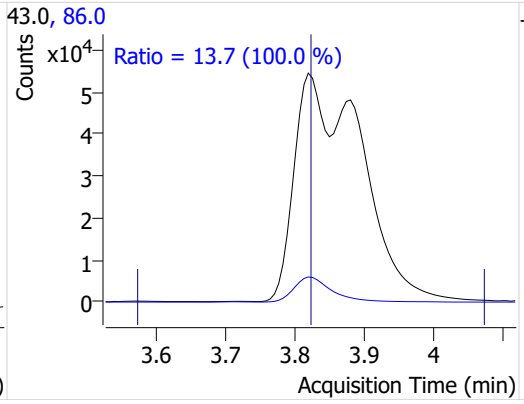


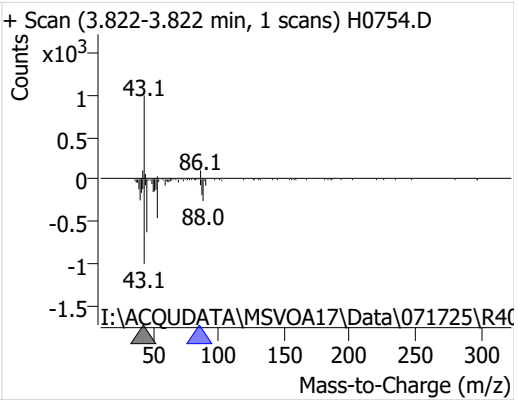


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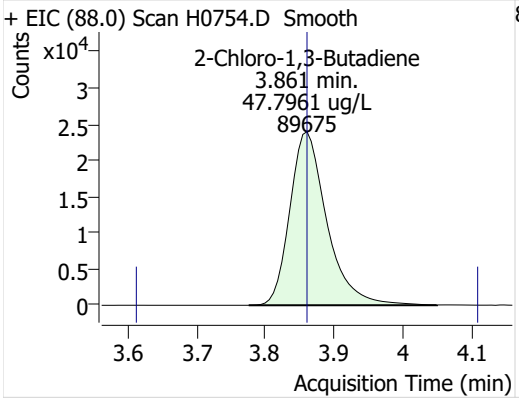
Vinyl Acetate

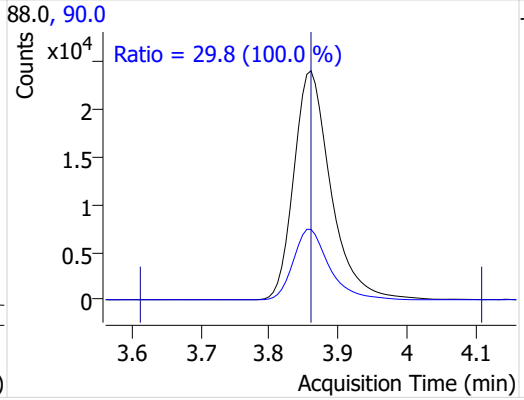


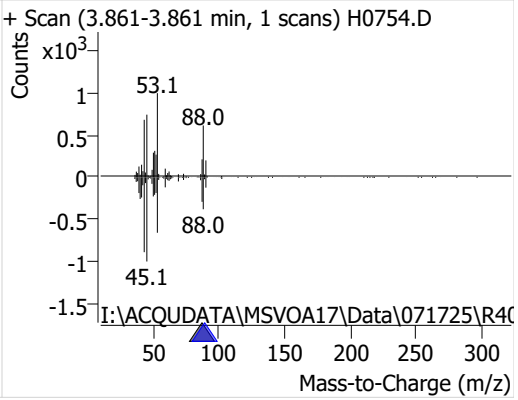




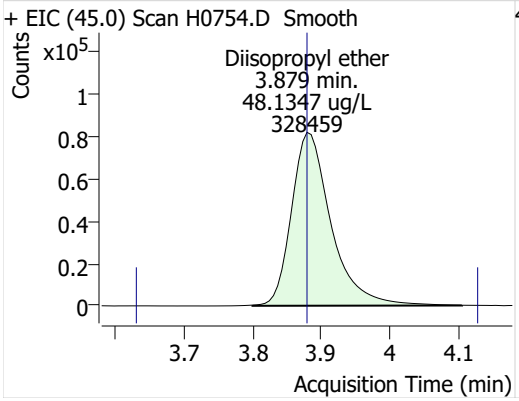
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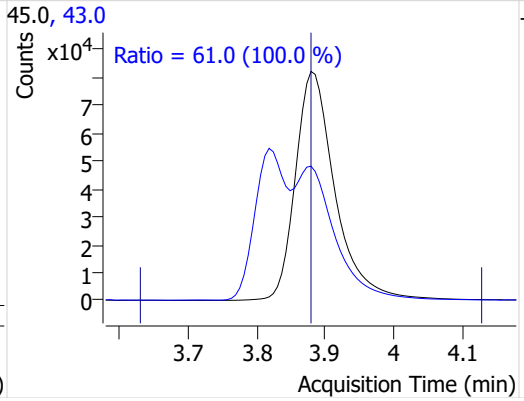


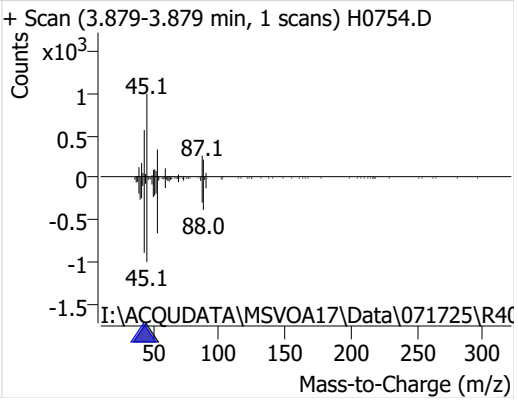




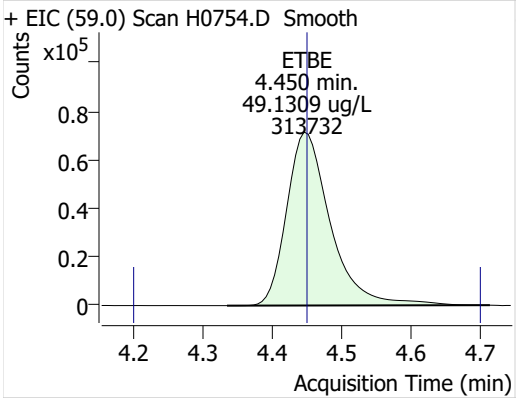
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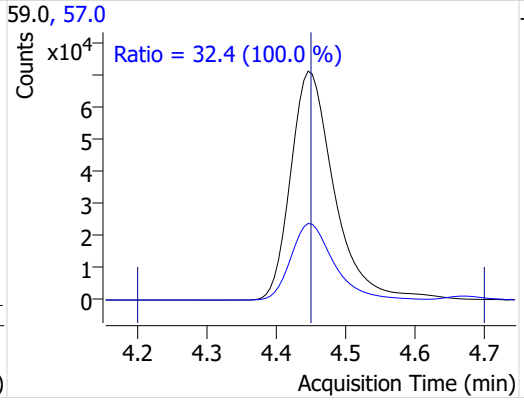


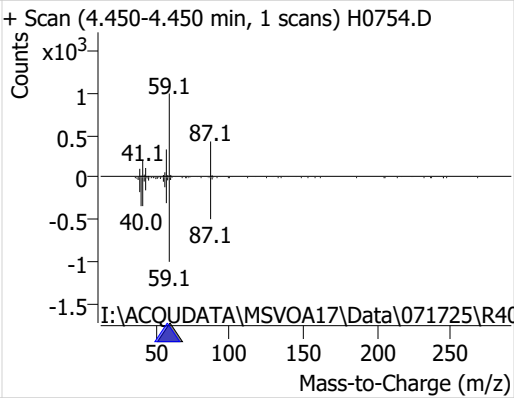




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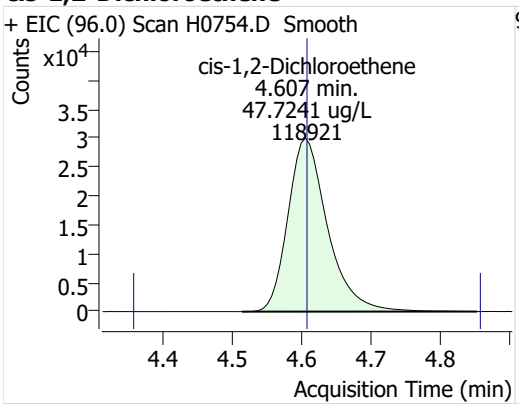


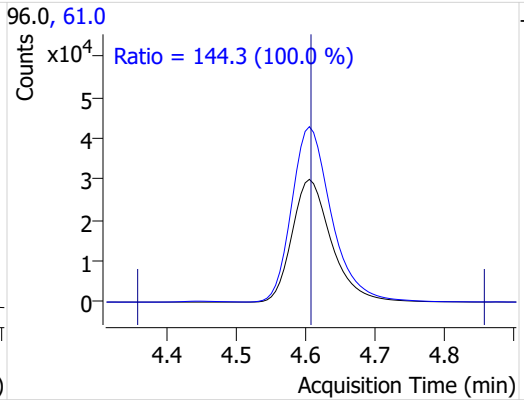


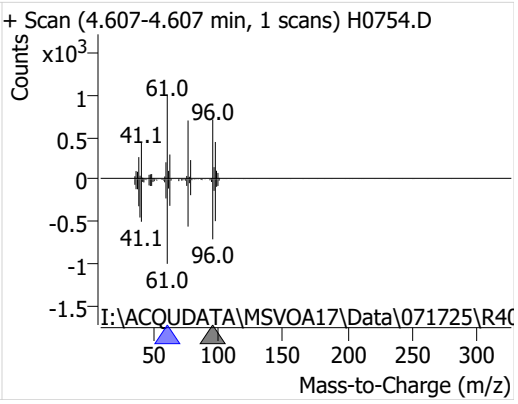


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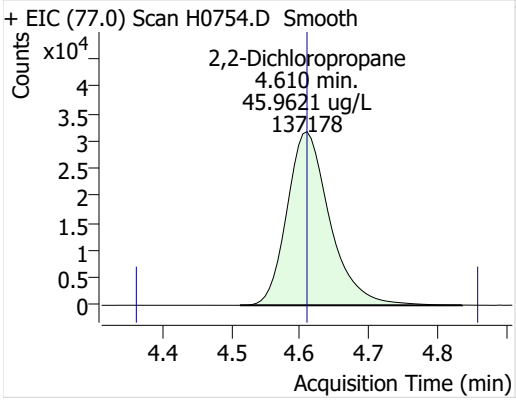
cis-1,2-Dichloroethene

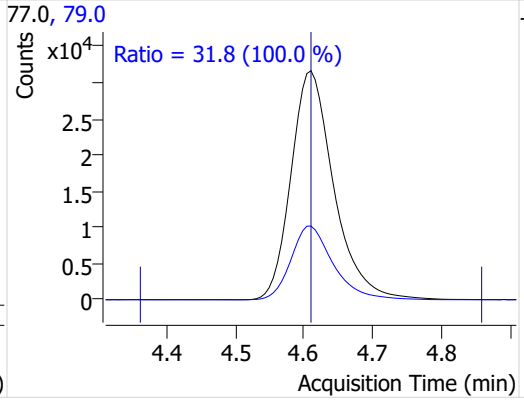


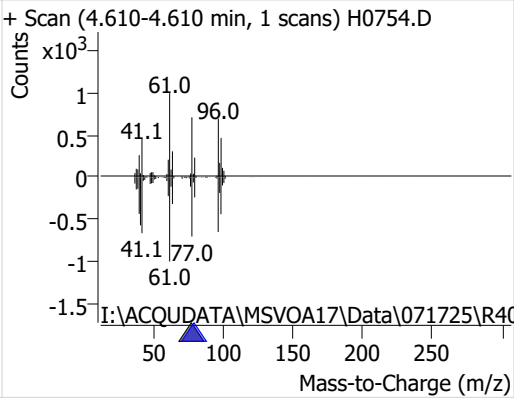




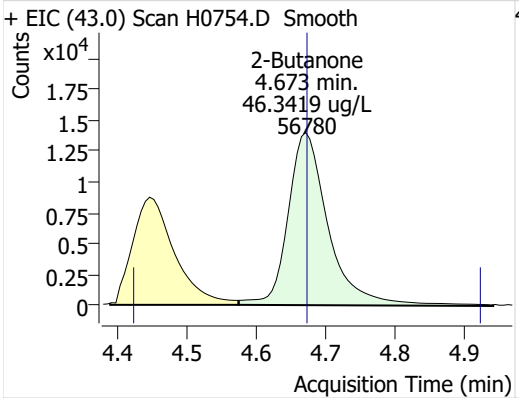
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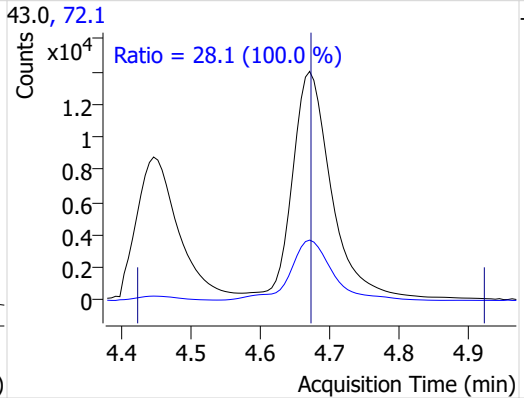


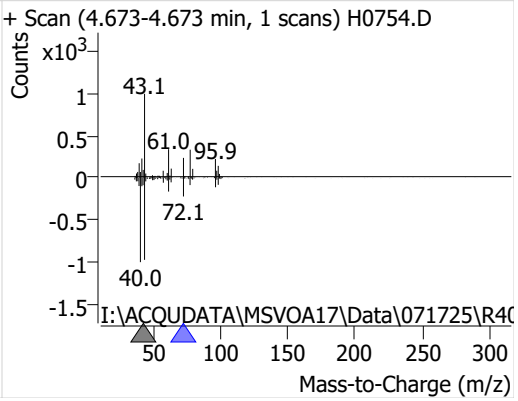




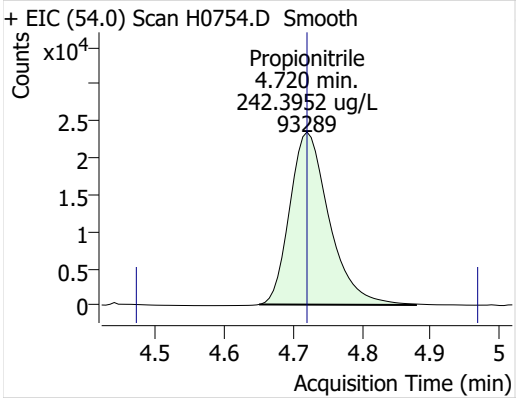
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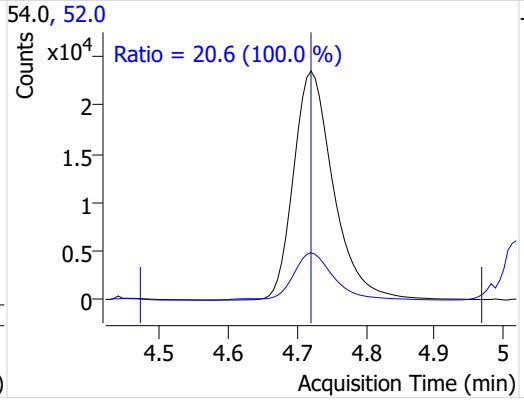


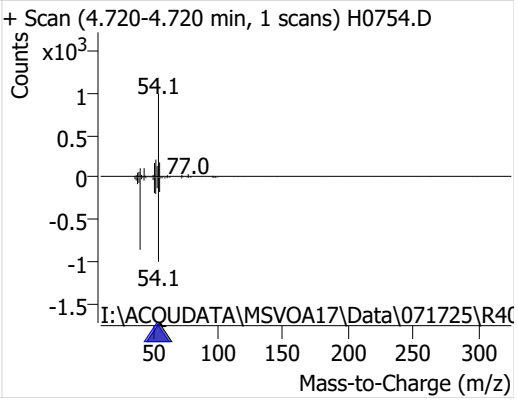




Propionitrile

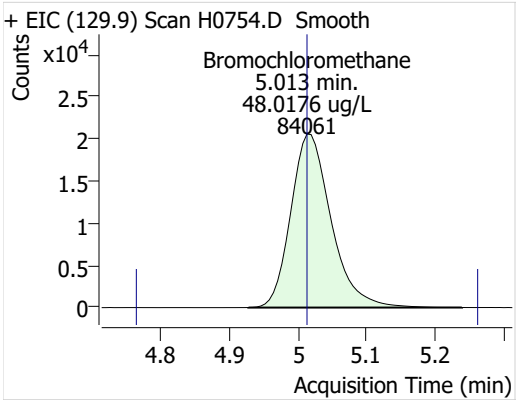


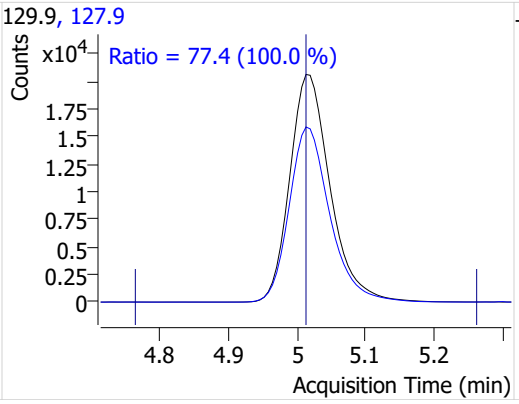


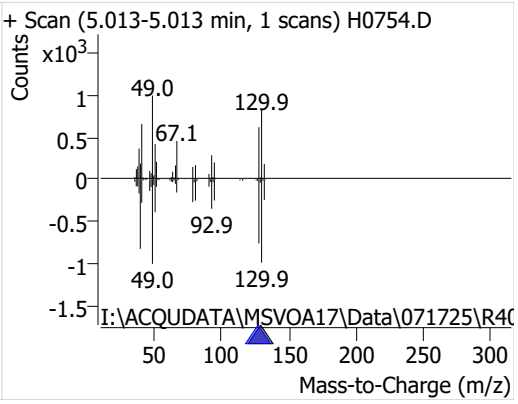


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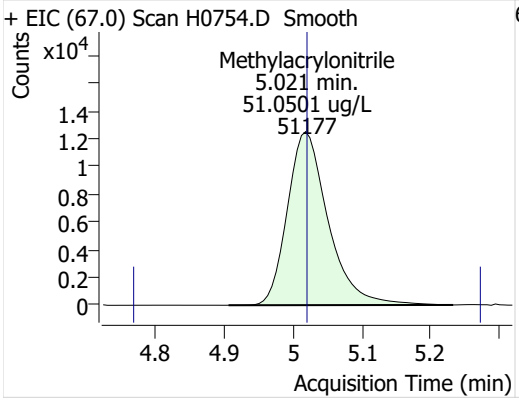
Bromochloromethane

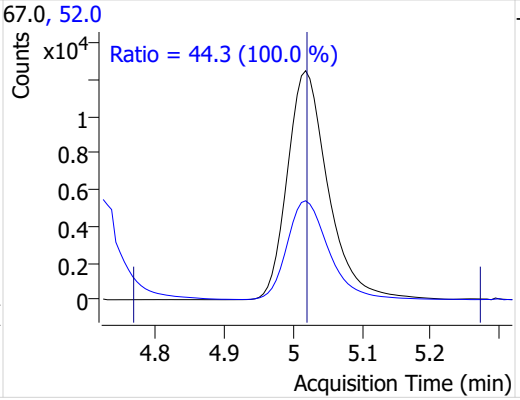


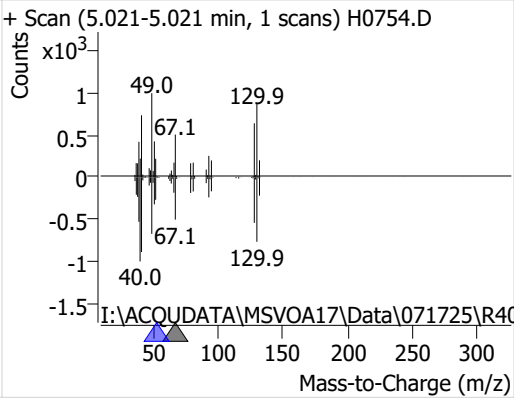




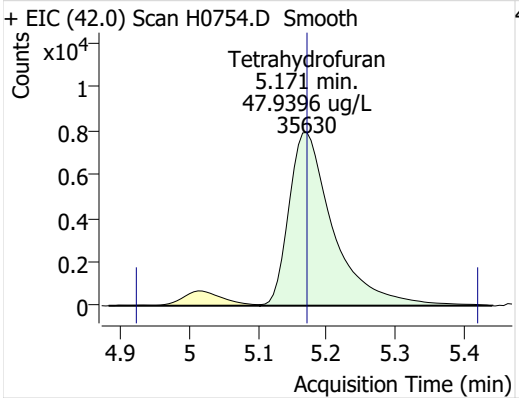
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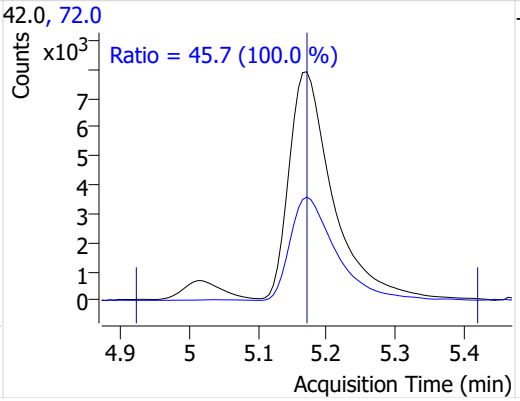


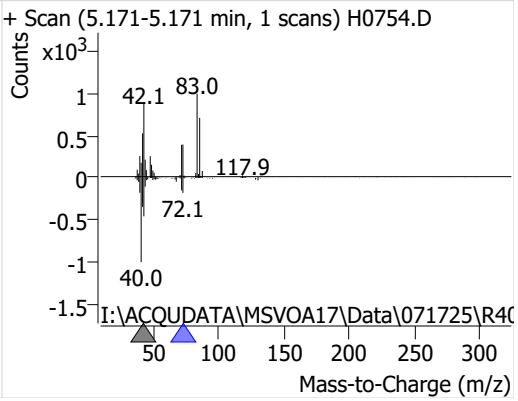




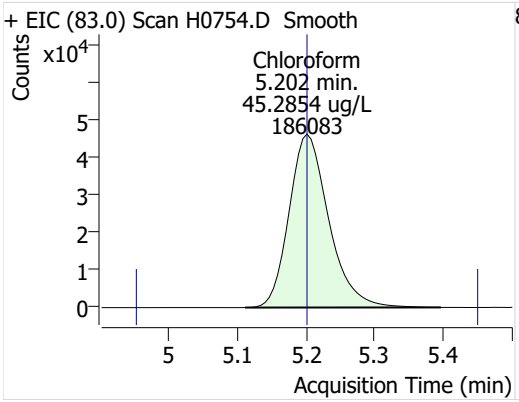
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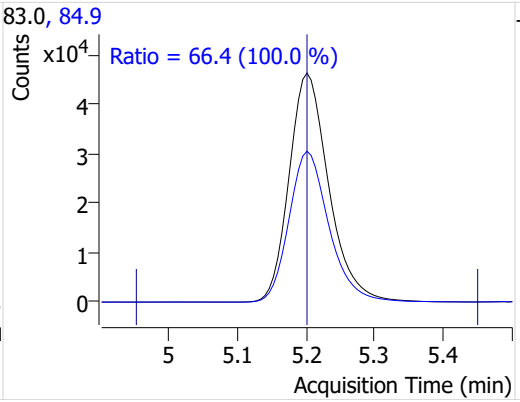


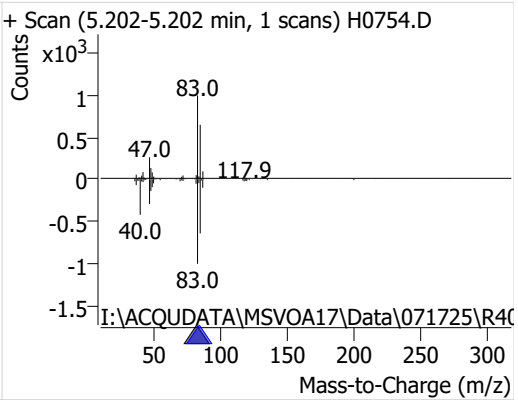




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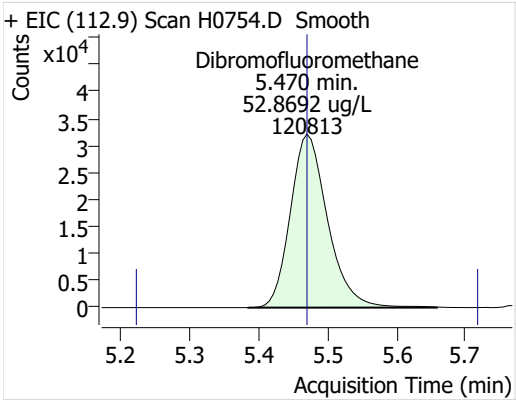


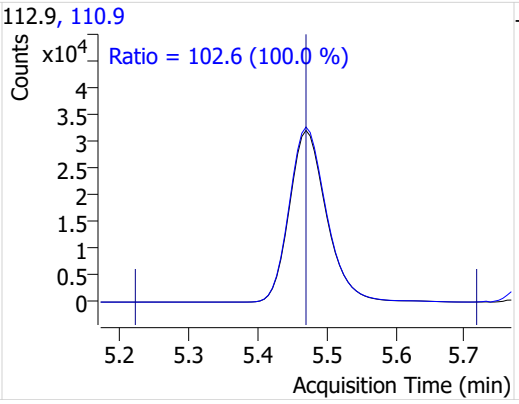


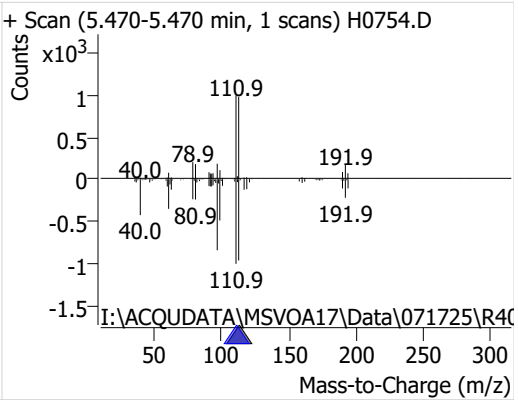


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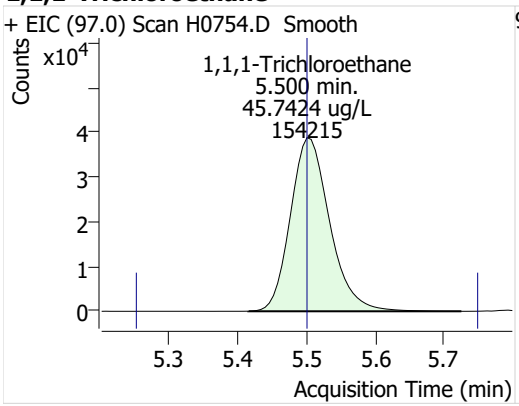
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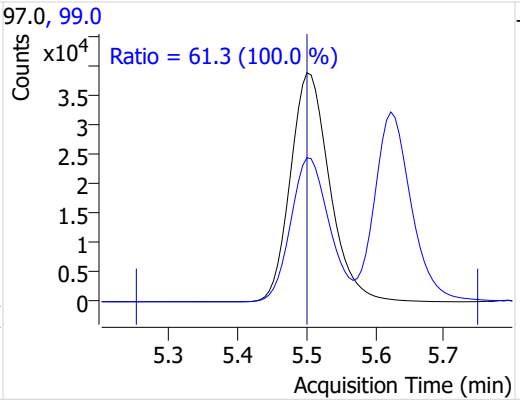


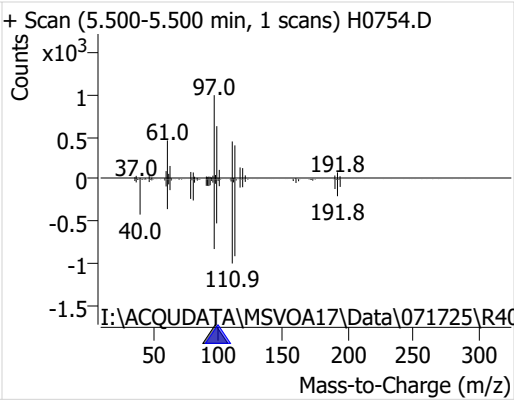




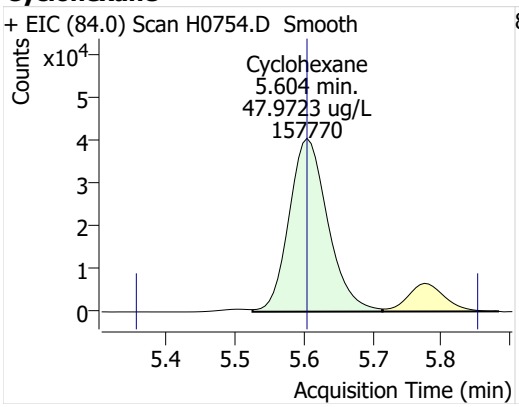
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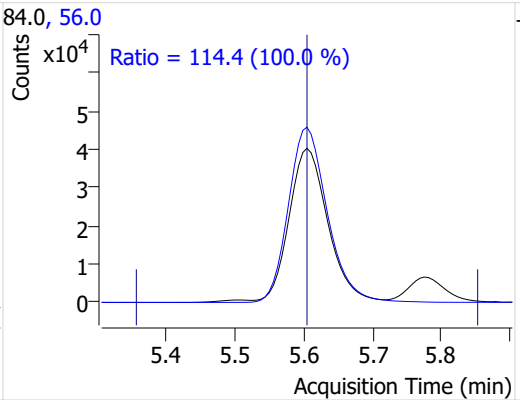


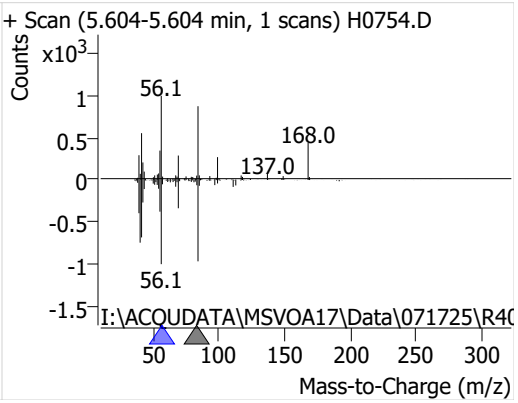




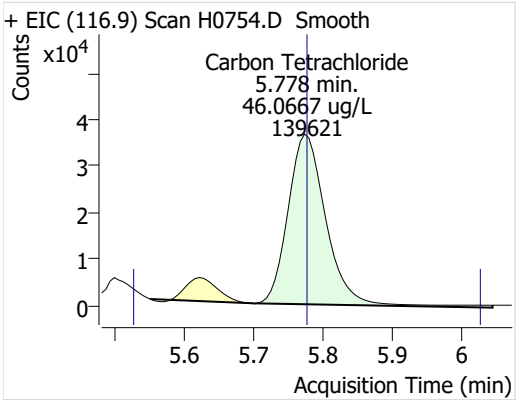
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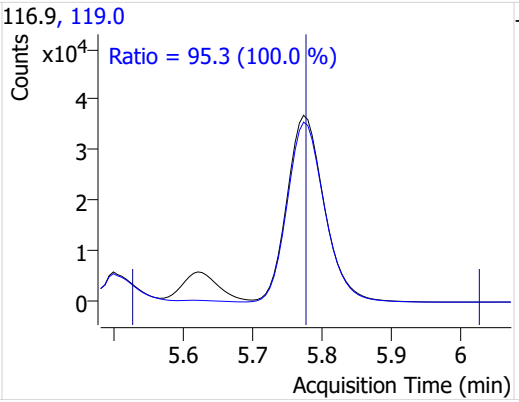


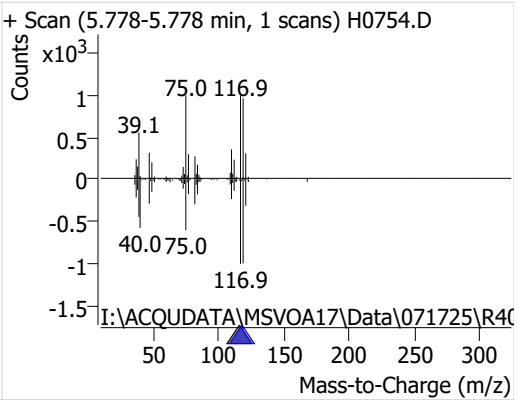




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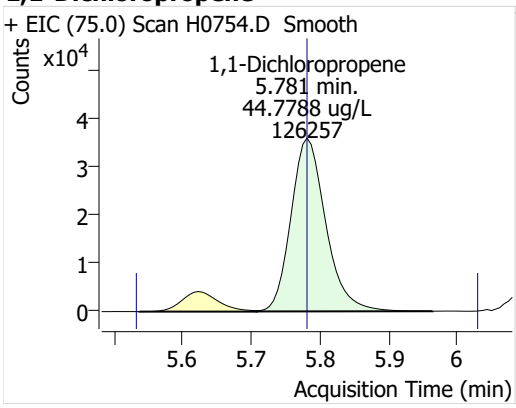


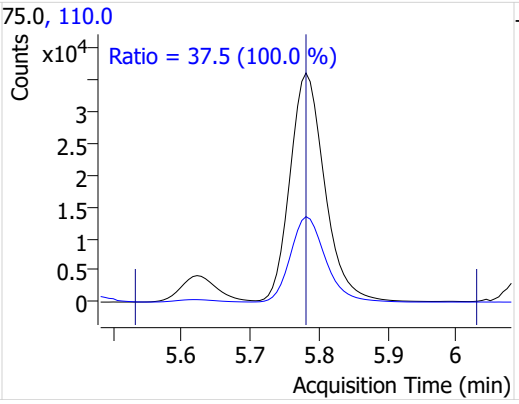


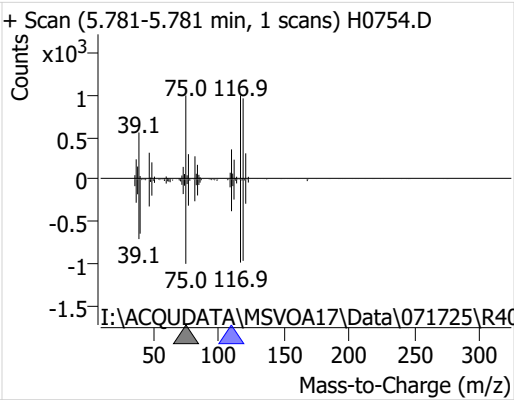


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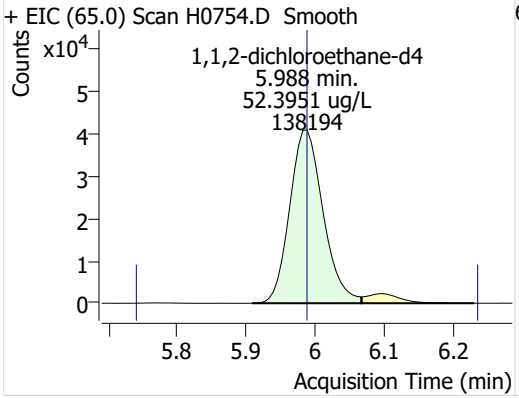
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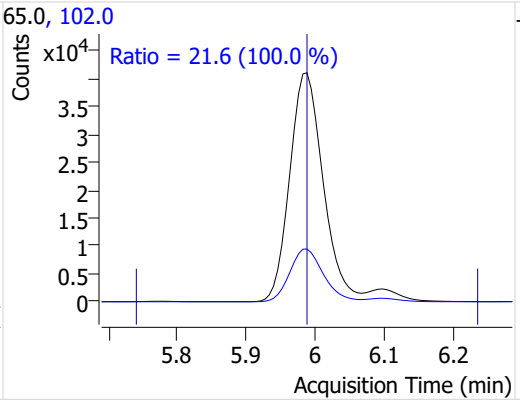


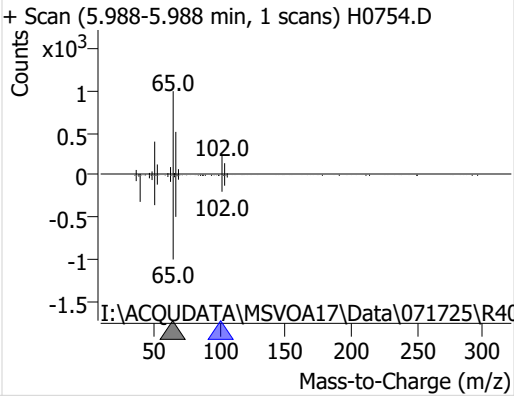




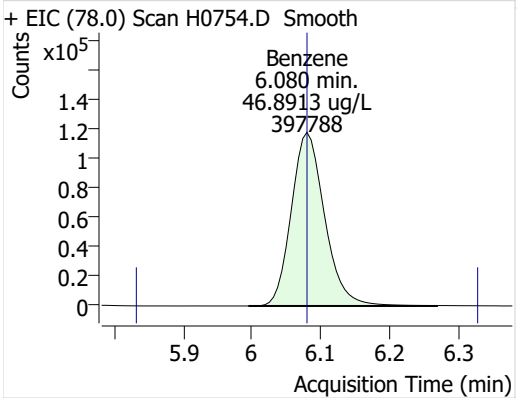
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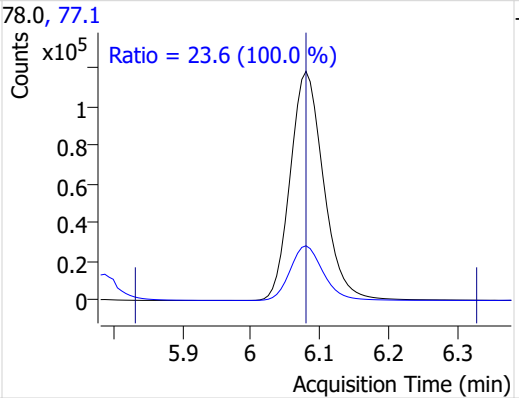


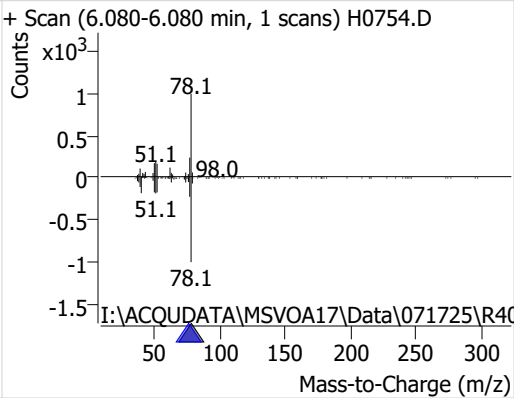




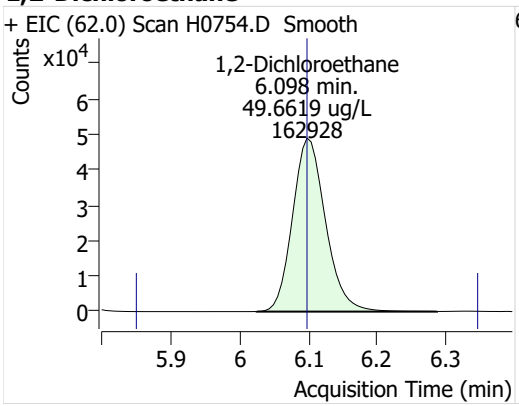
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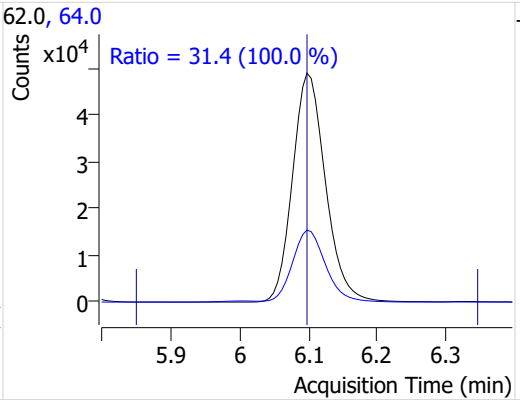


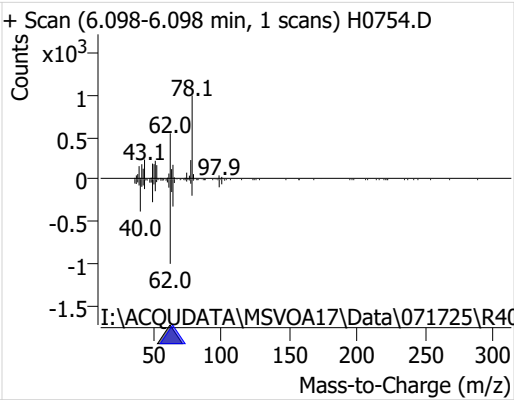




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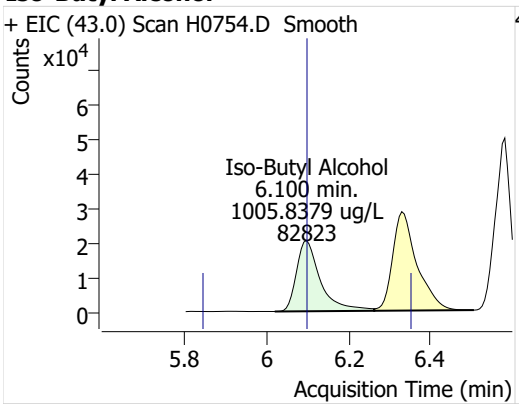


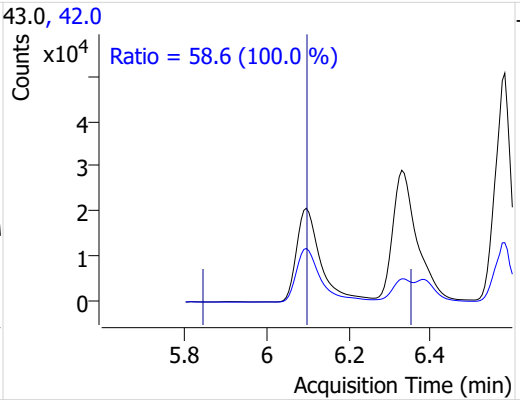


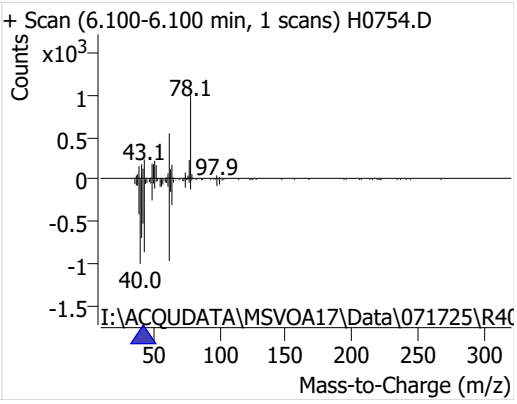


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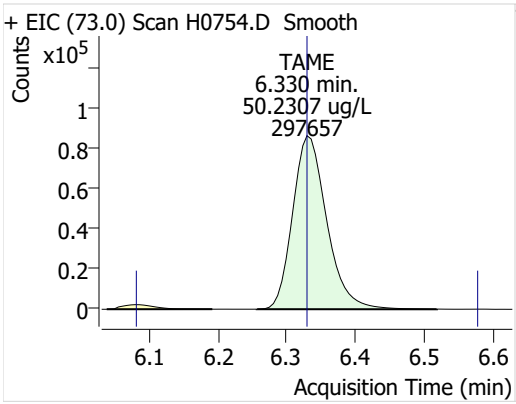
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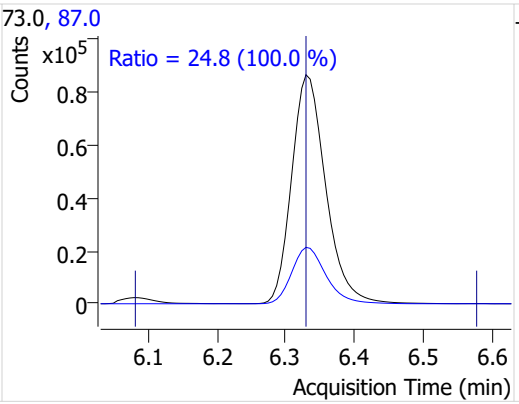


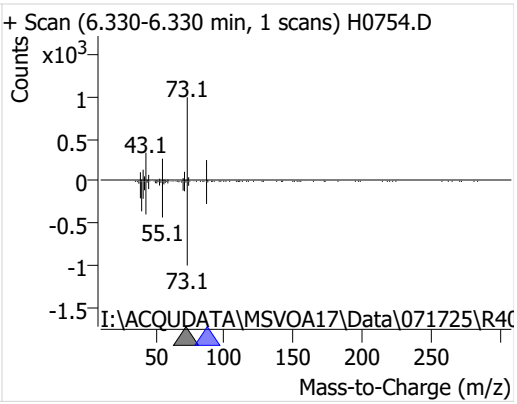




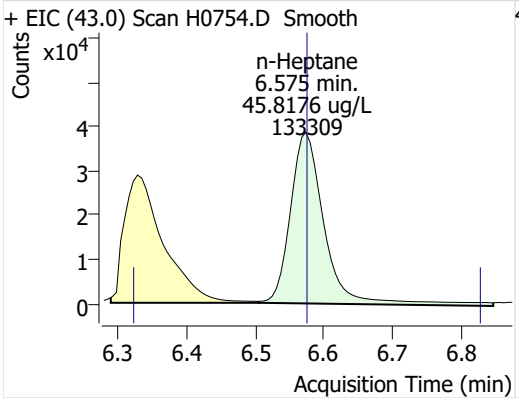
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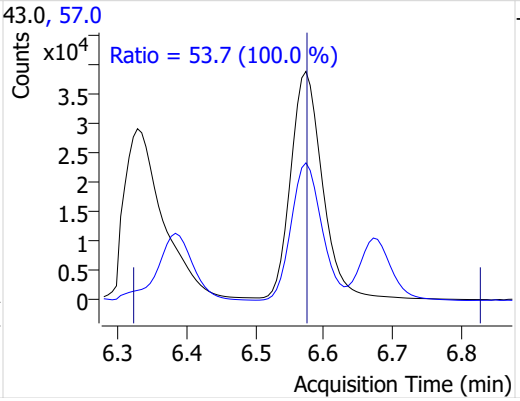


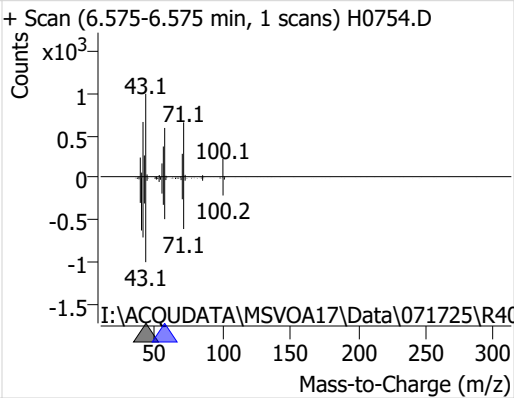




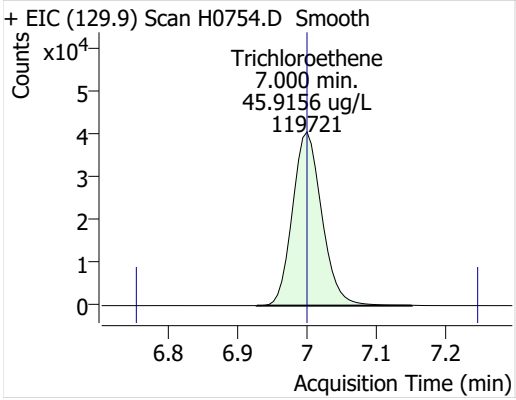
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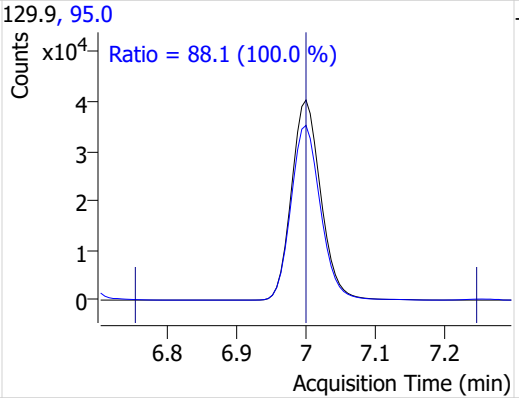


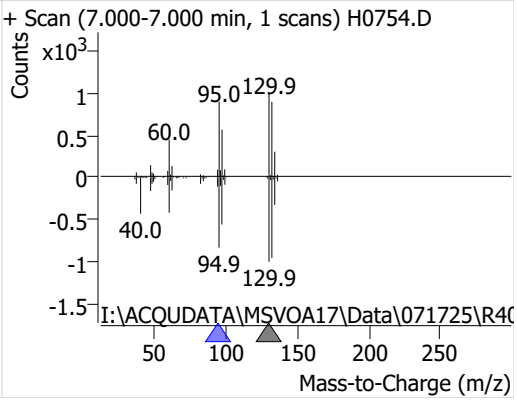




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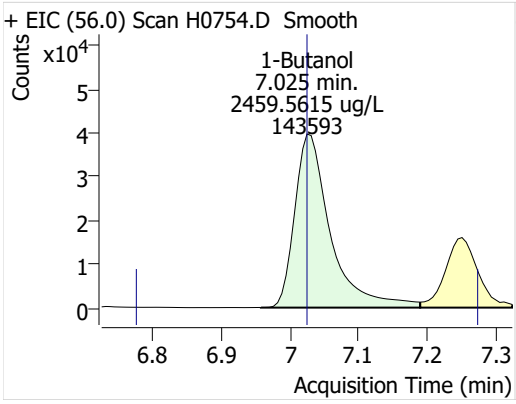


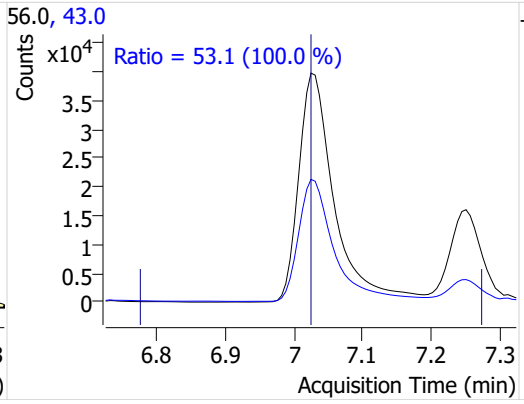


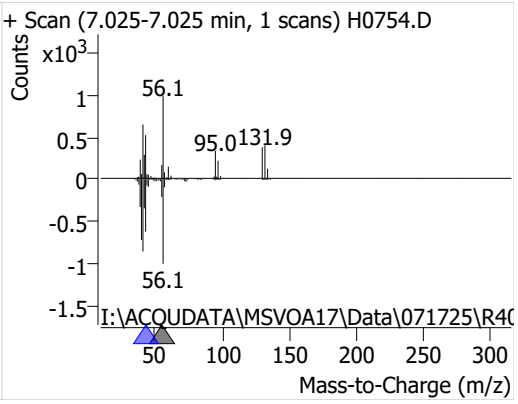


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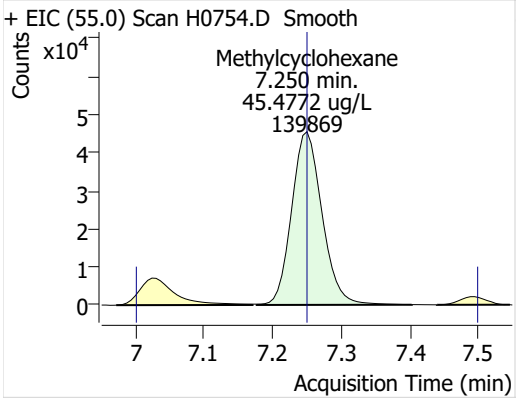
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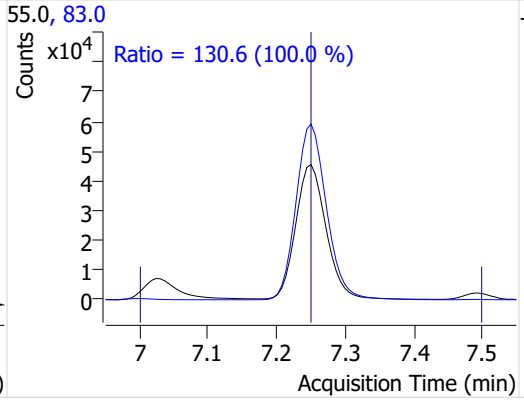


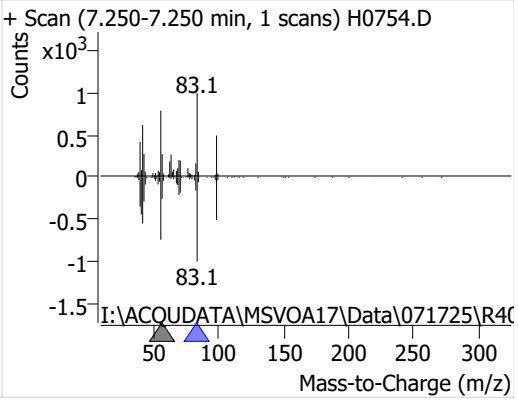




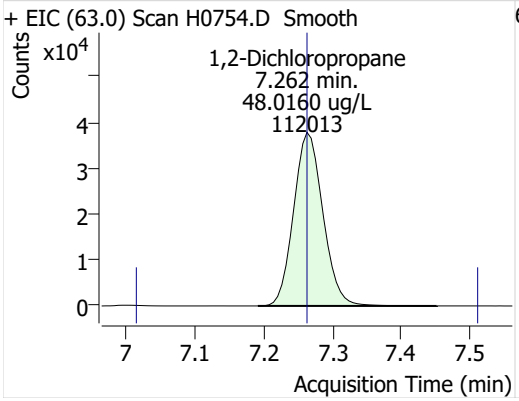
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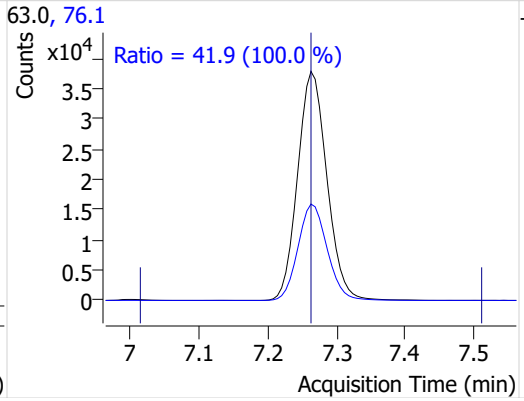


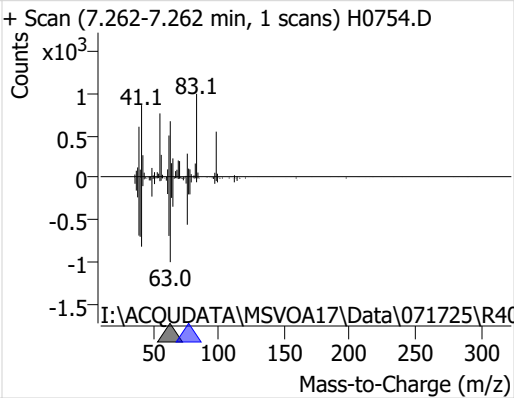




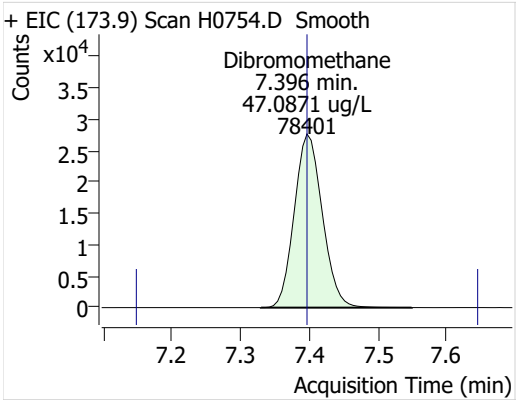
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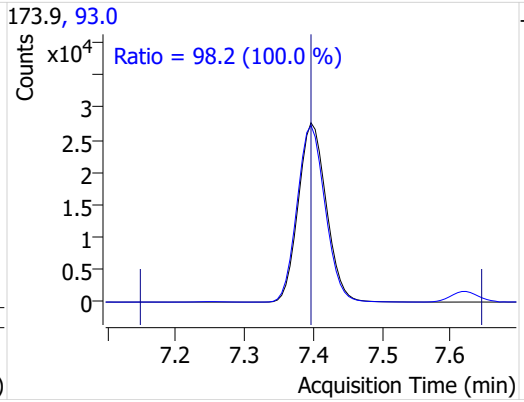


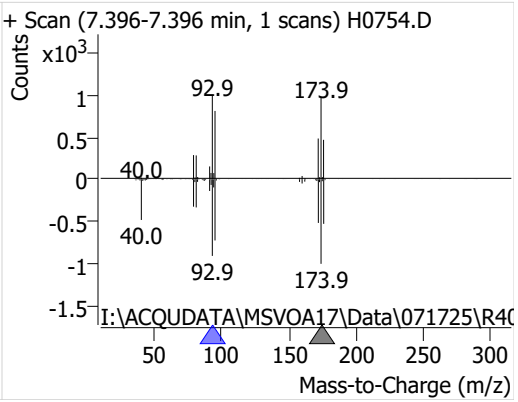




Dibromomethane

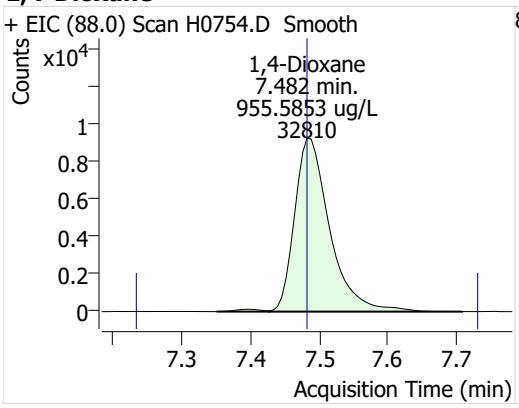


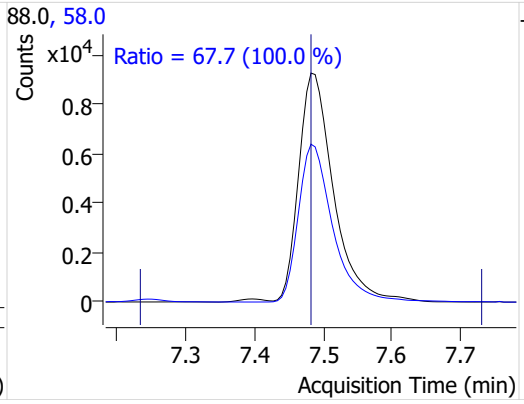


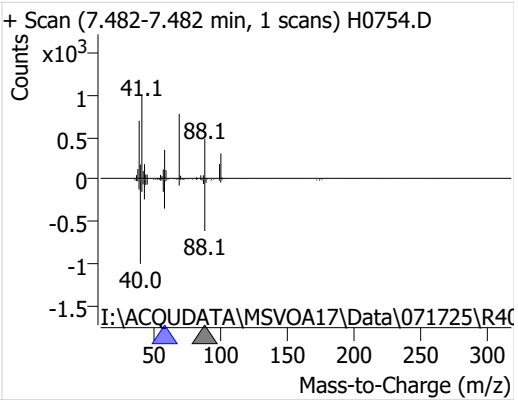


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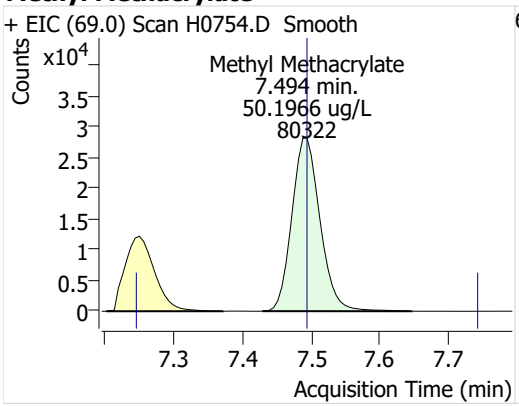
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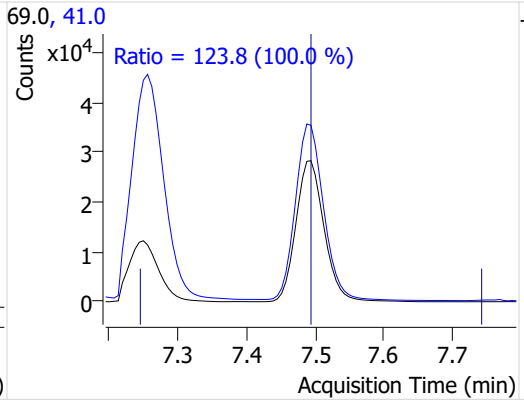


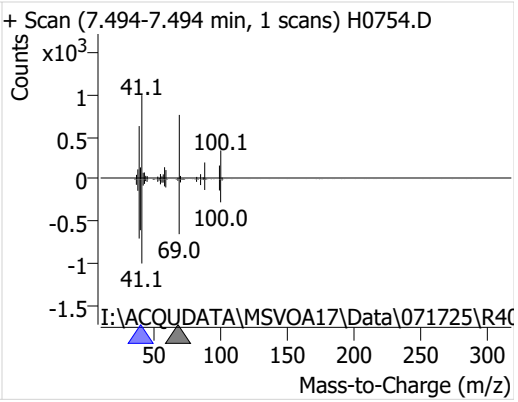




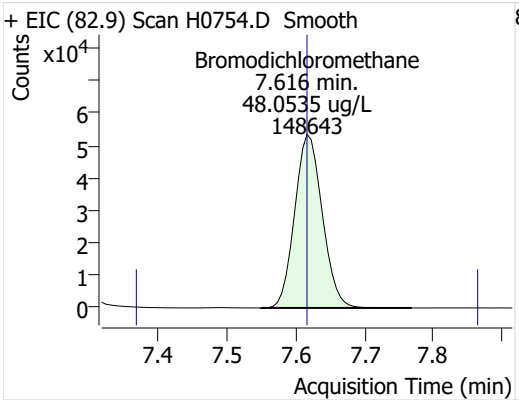
Methyl Methacrylate

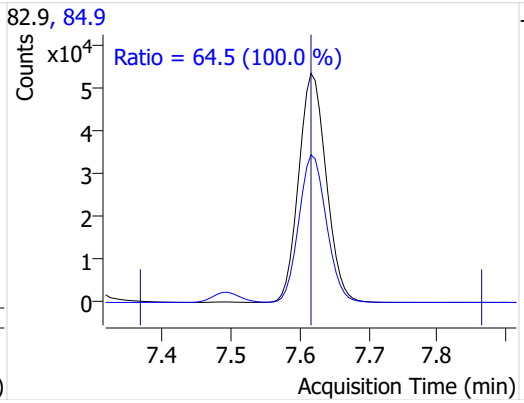


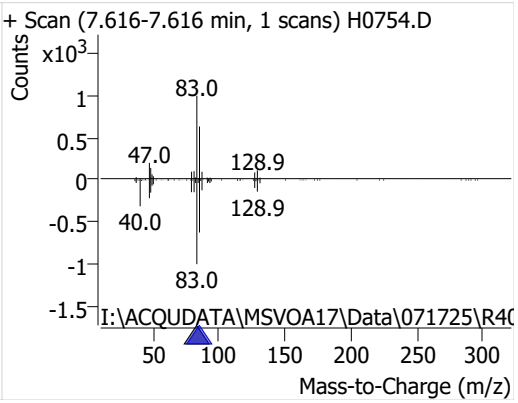




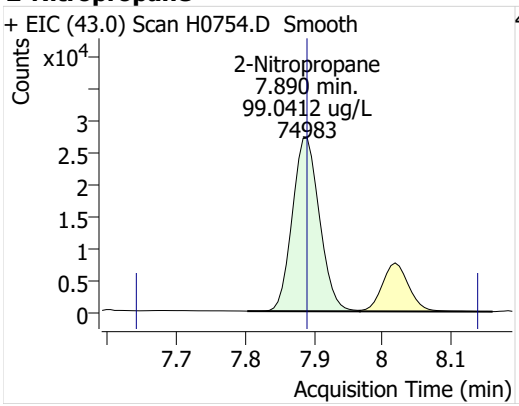
Bromodichloromethane

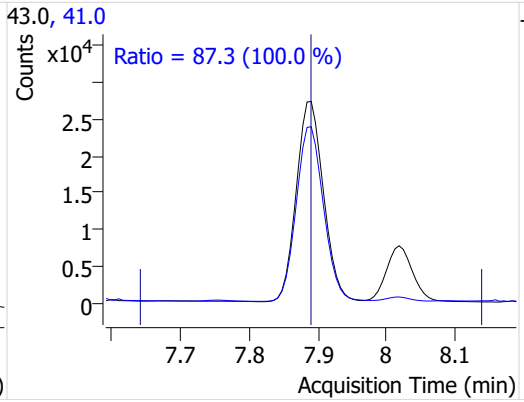


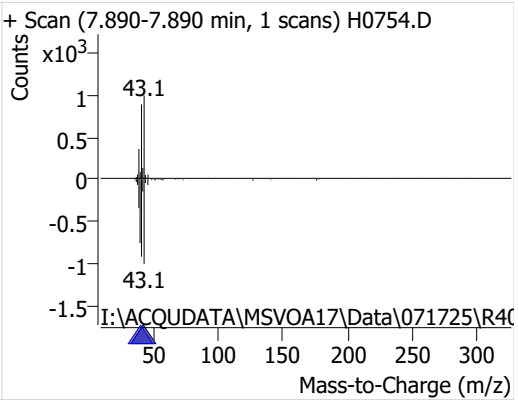




2-Nitropropane

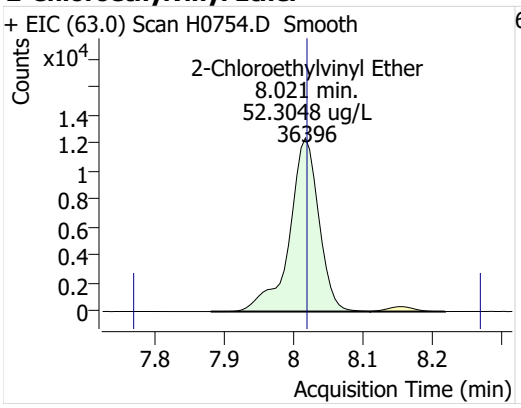


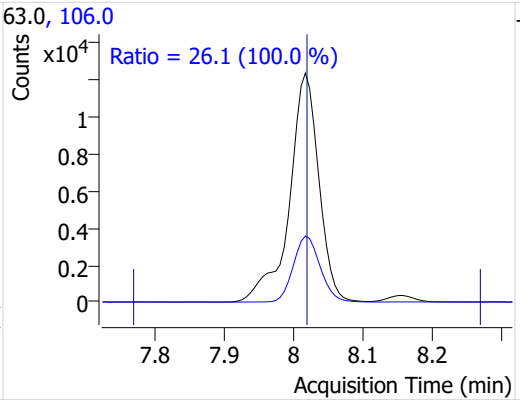


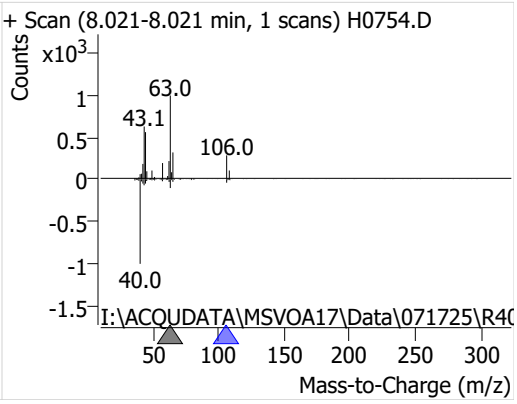


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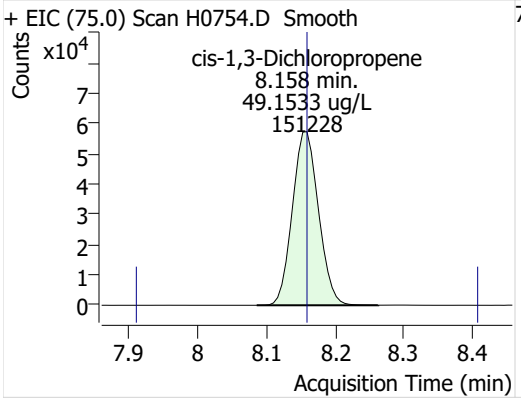
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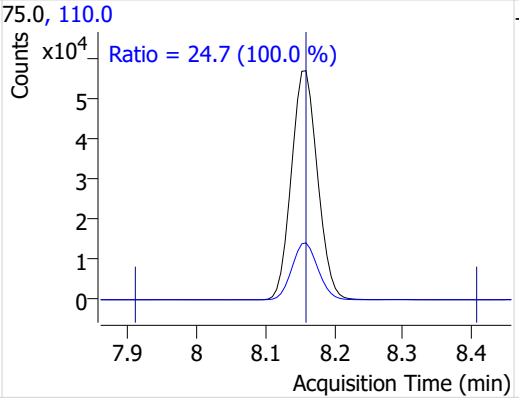


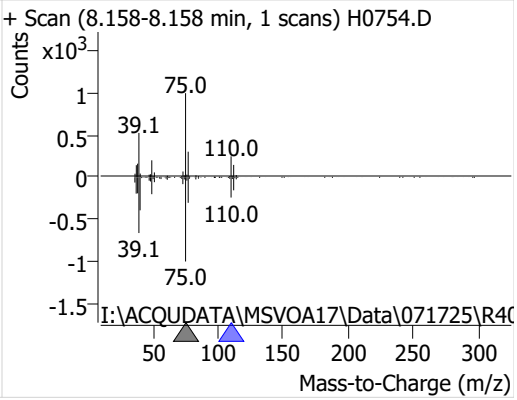




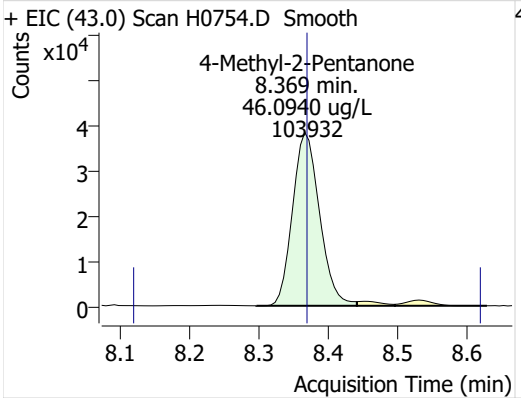
cis-1,3-Dichloropropene

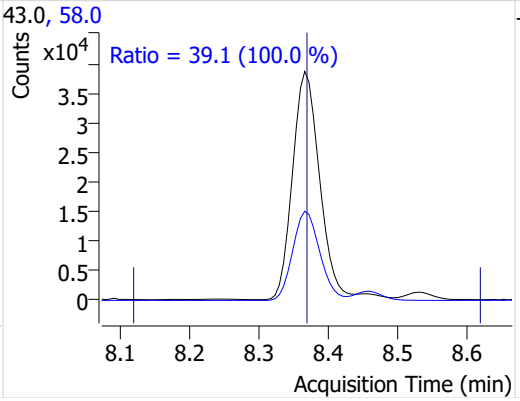


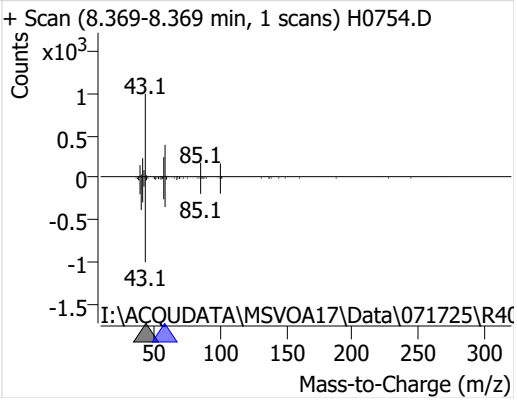




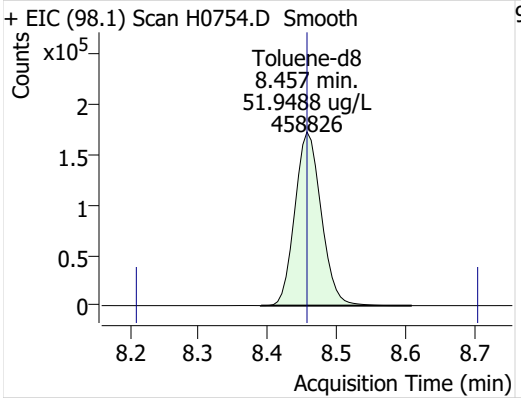
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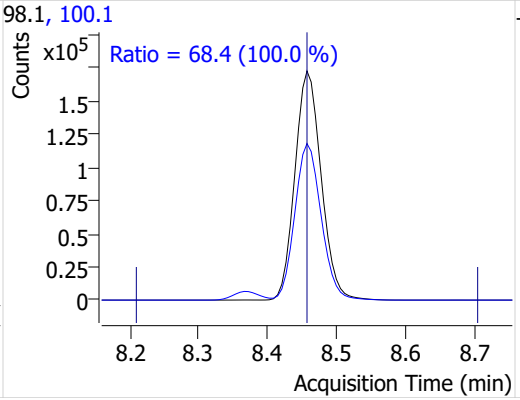


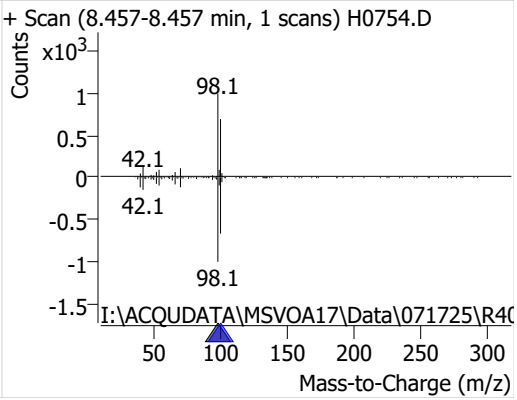




Toluene-d8

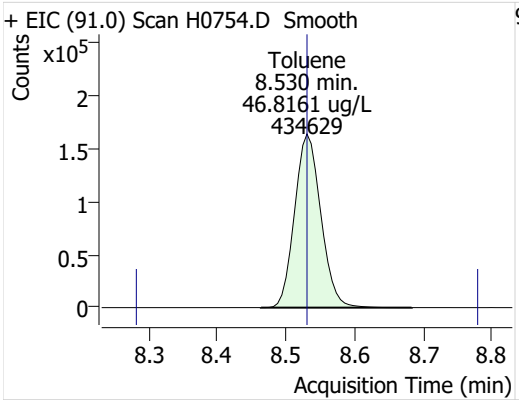


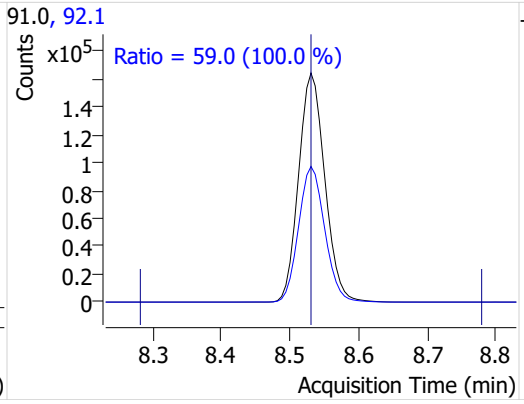


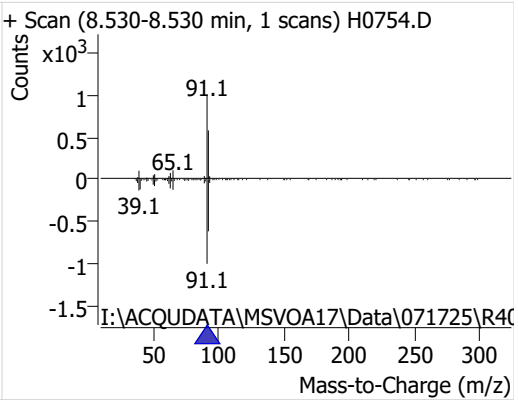


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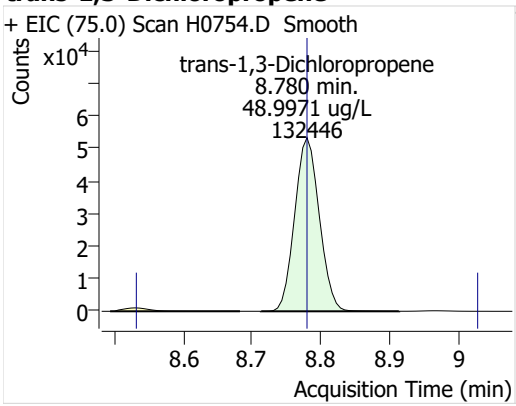
Toluene

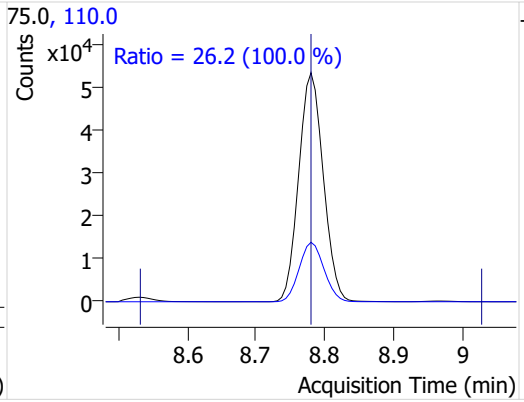


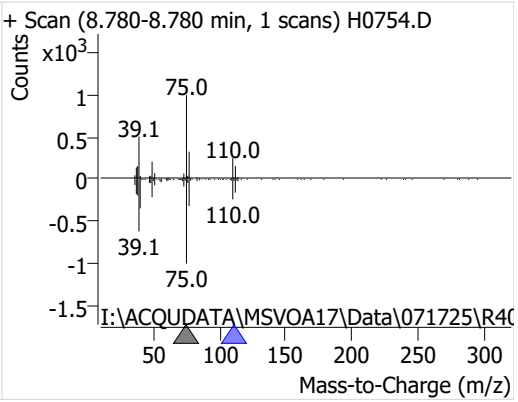




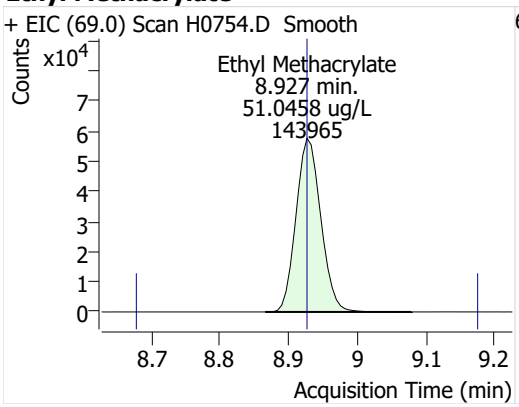
trans-1,3-Dichloropropene

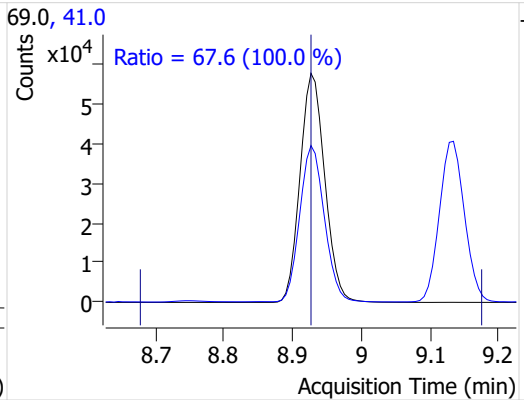


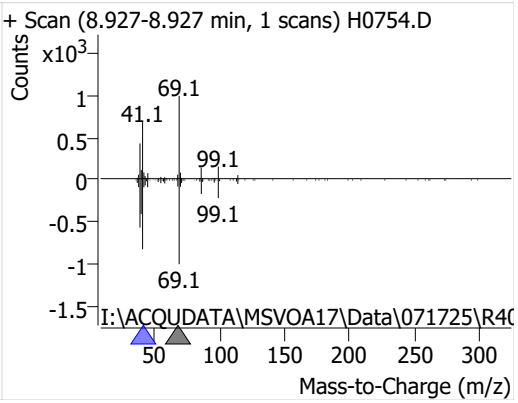




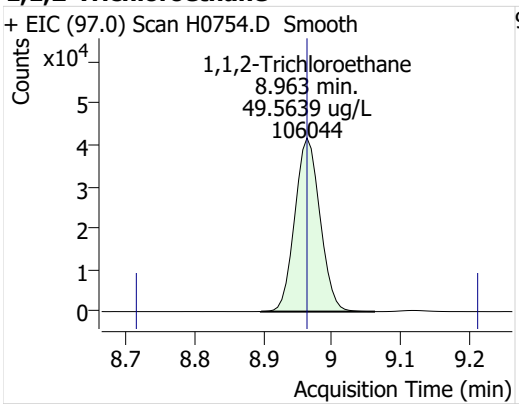
Ethyl Methacrylate

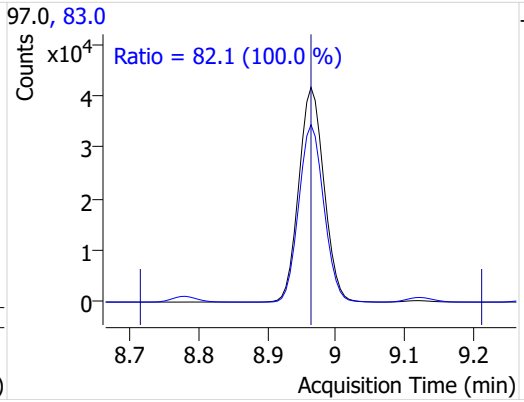


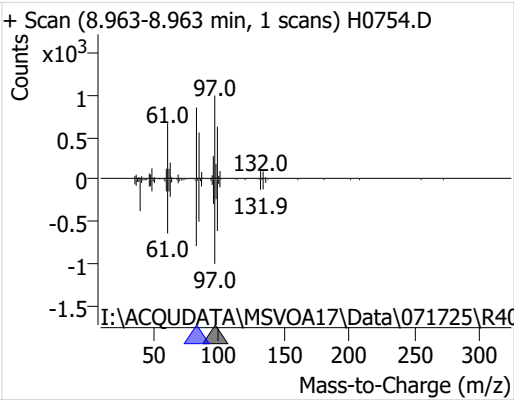




1,1,2-Trichloroethane

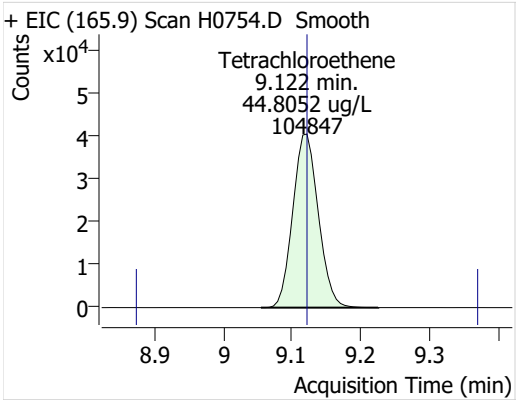


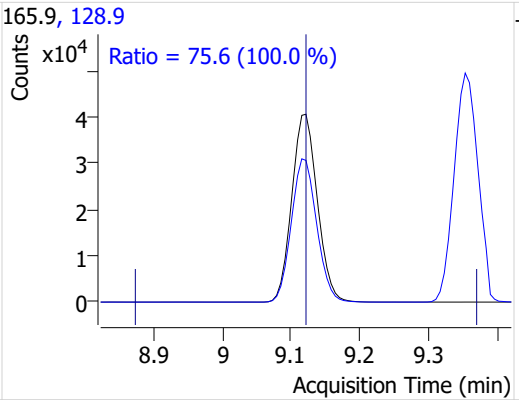


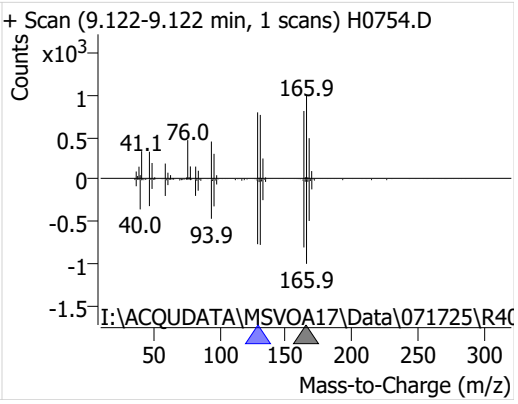


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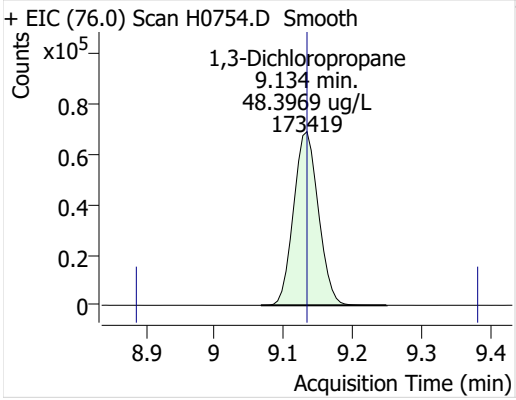
Tetrachloroethene

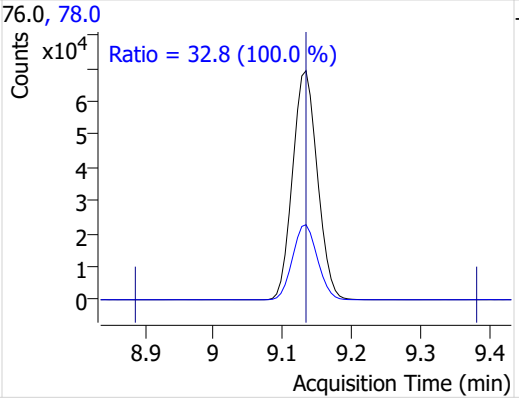


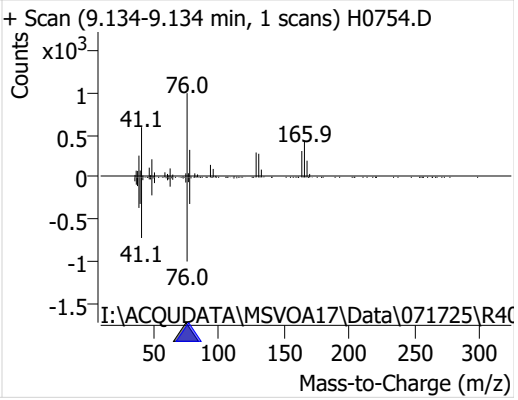




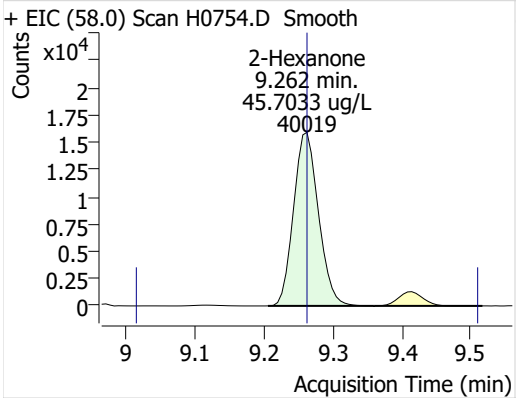
1,3-Dichloropropane

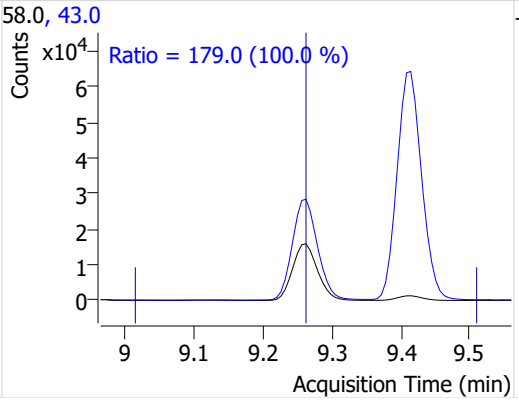


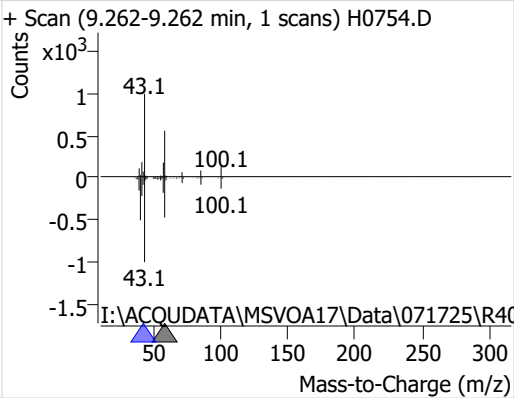




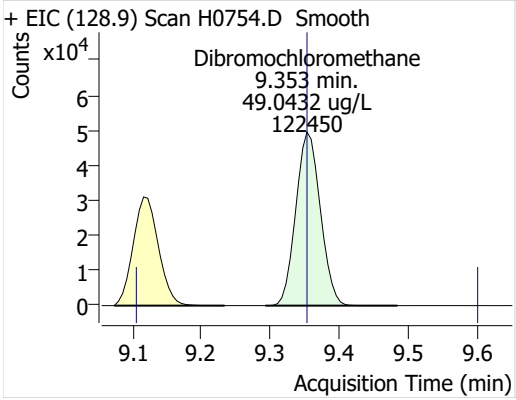
2-Hexanone

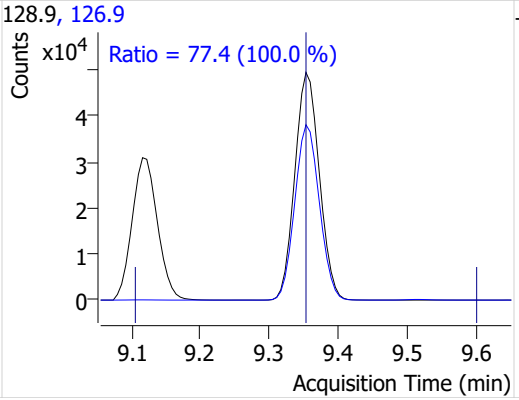


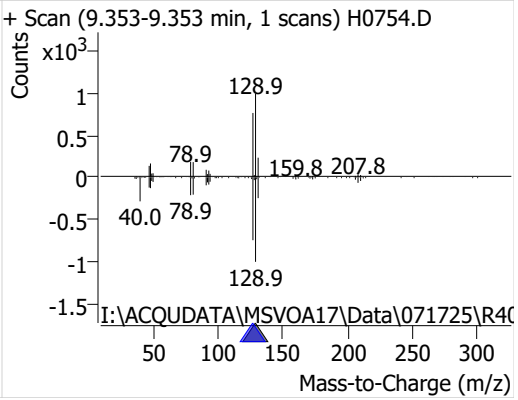




Dibromochloromethane

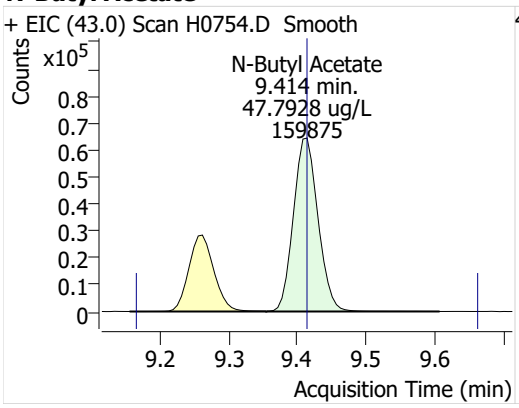


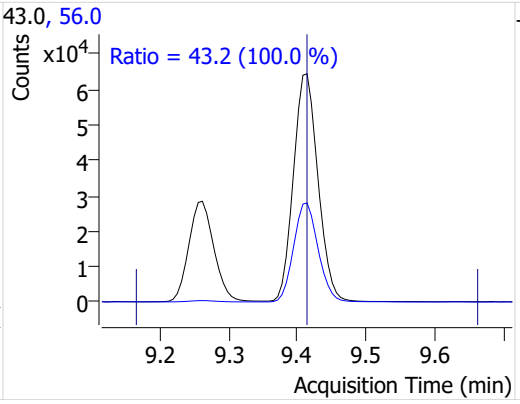


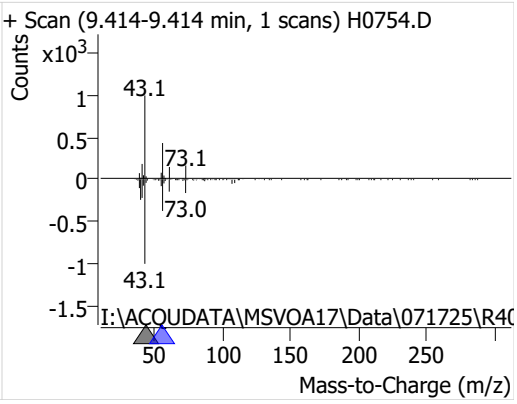


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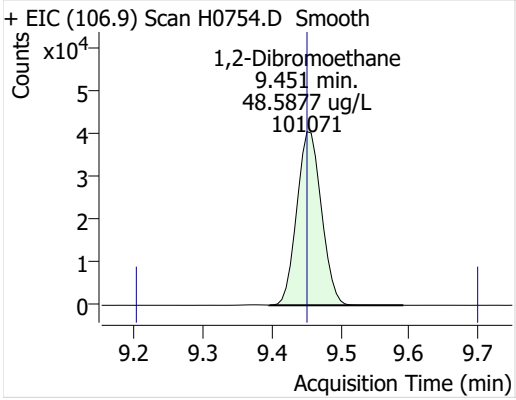
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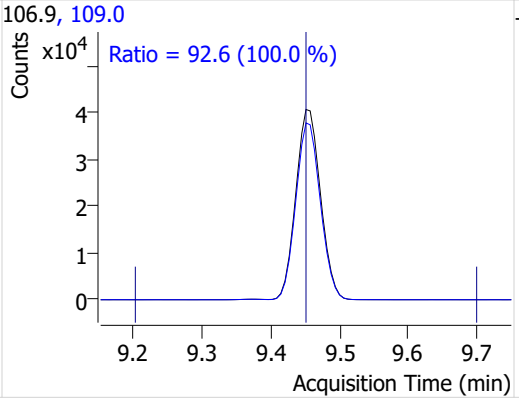


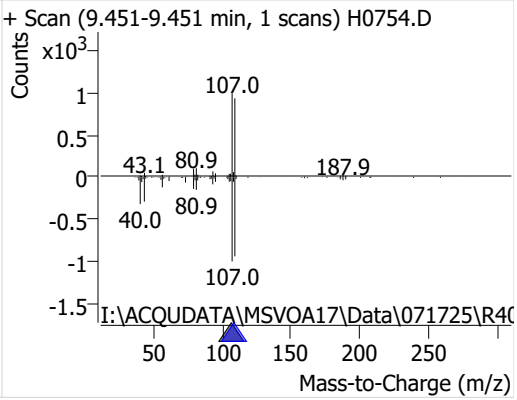




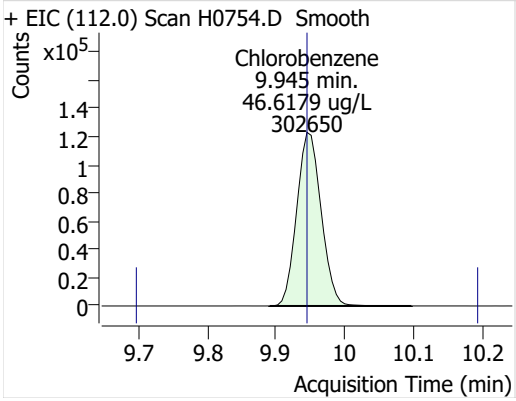
1,2-Dibromoethane

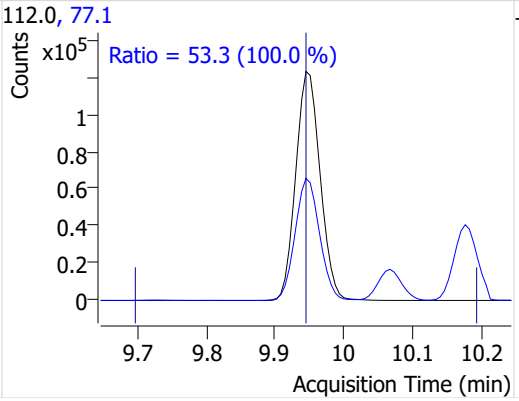


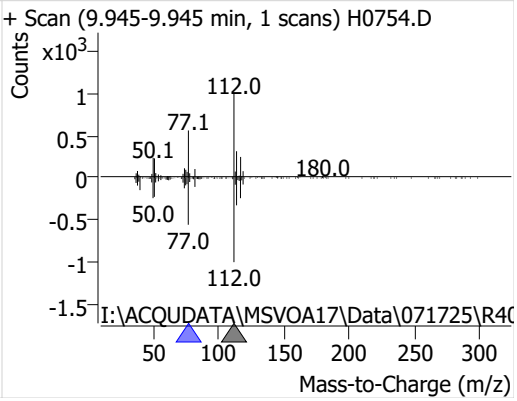




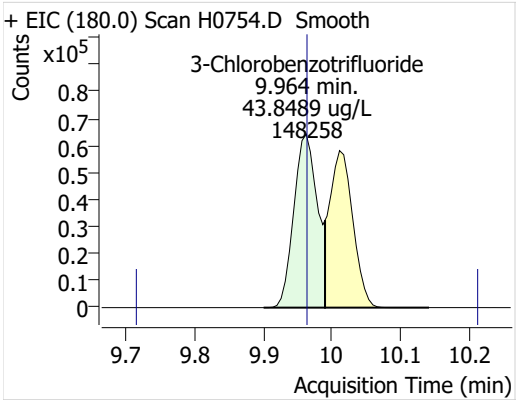
Chlorobenzene

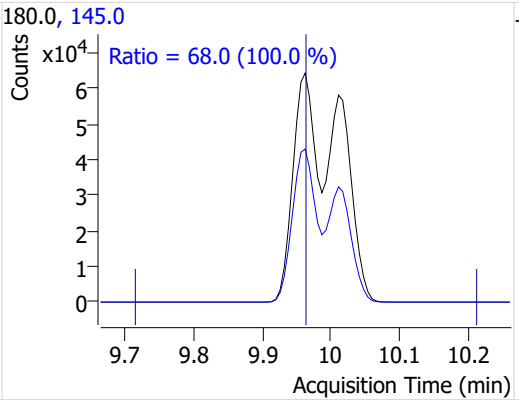


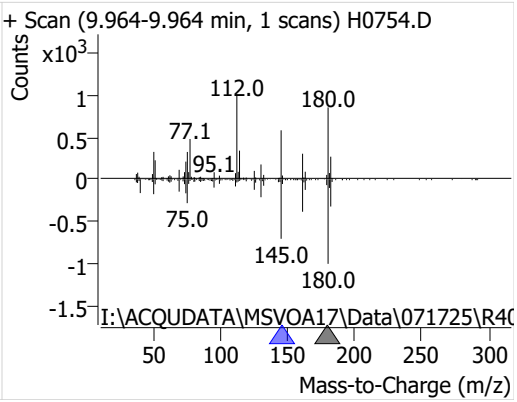




3-Chlorobenzotrifluoride

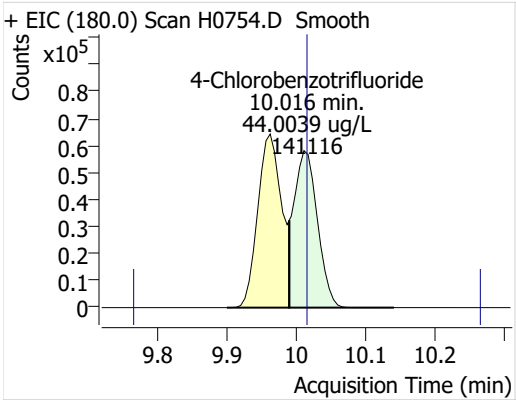


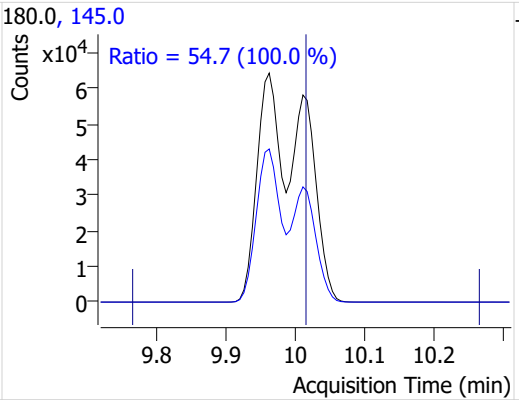


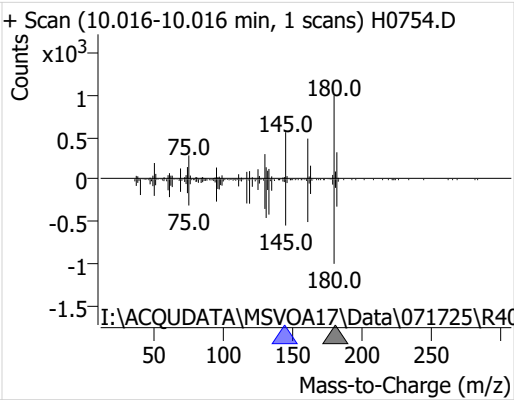


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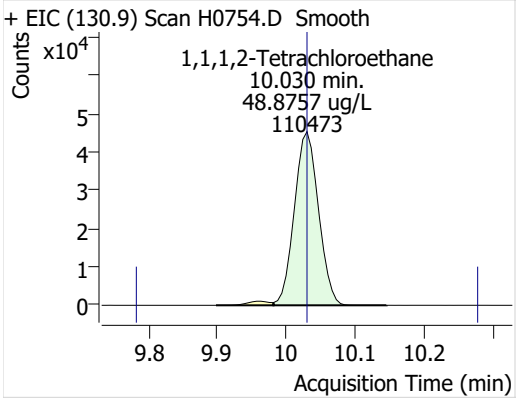
4-Chlorobenzotrifluoride

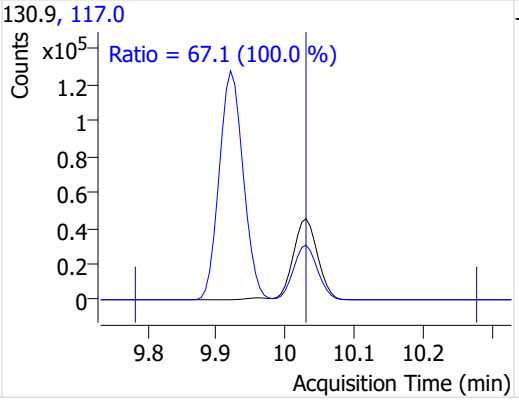


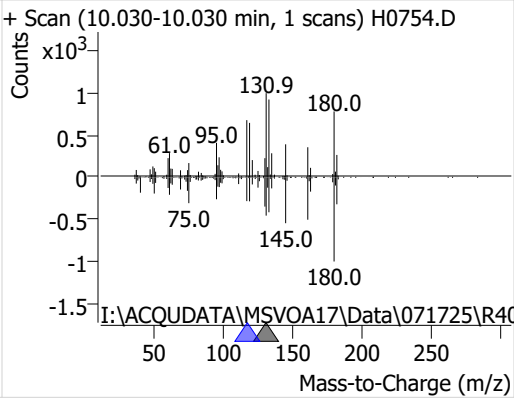




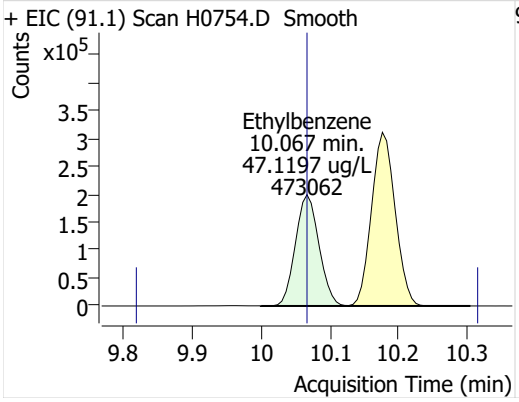
1,1,1,2-Tetrachloroethane

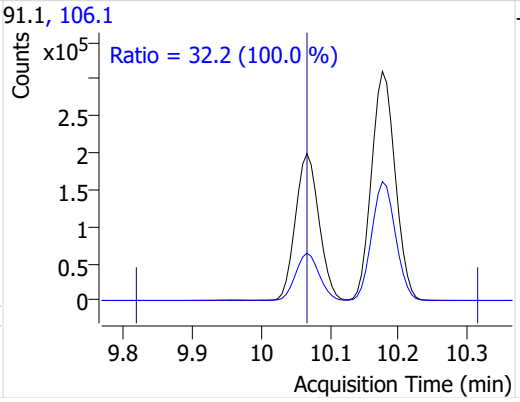


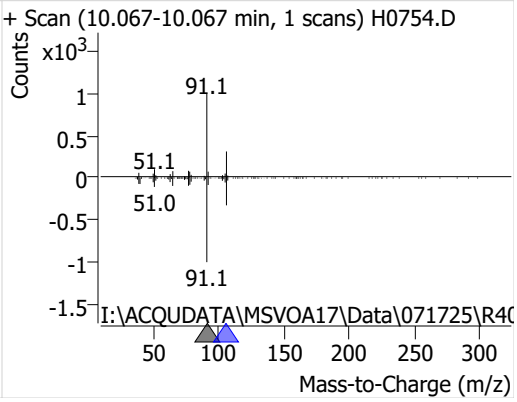




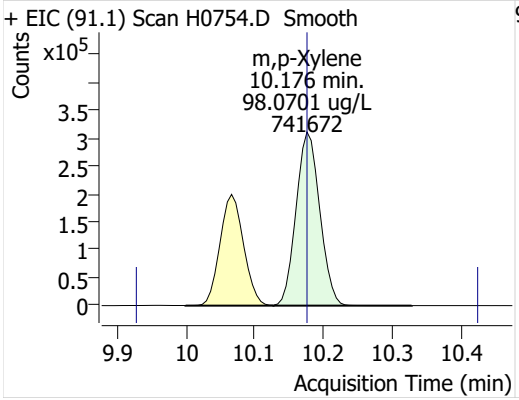
Ethylbenzene

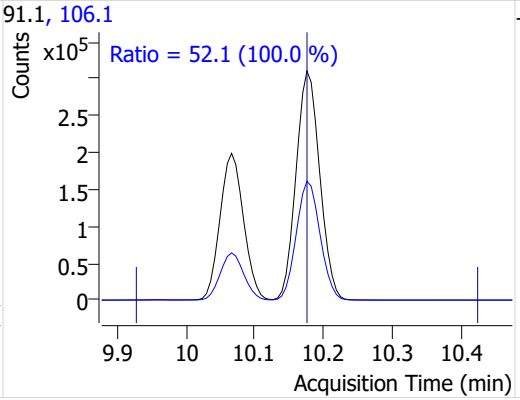


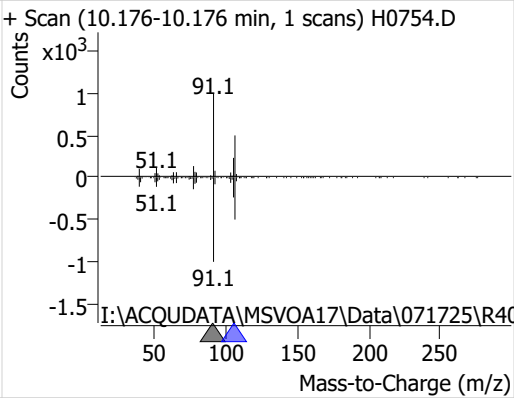




m,p-Xylene

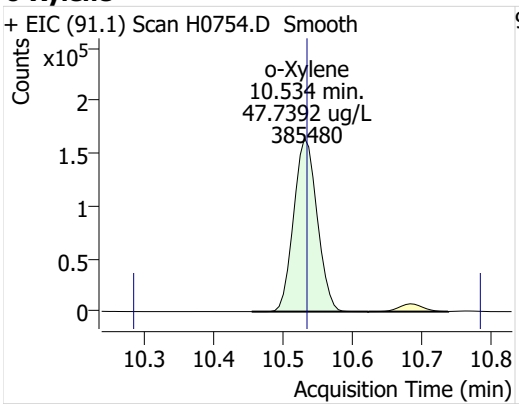


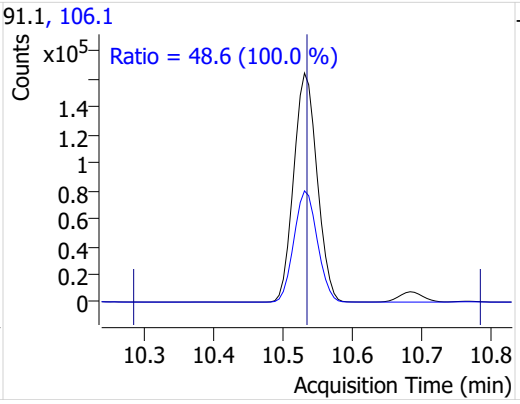


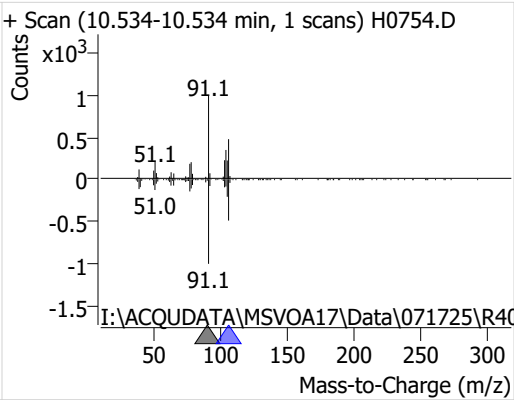


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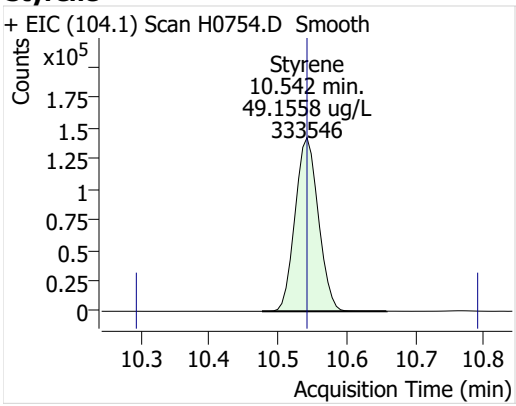
o-Xylene

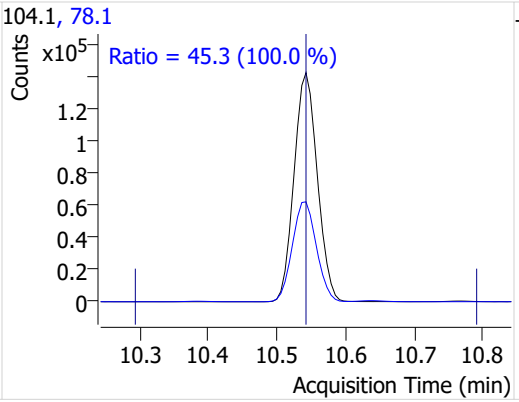


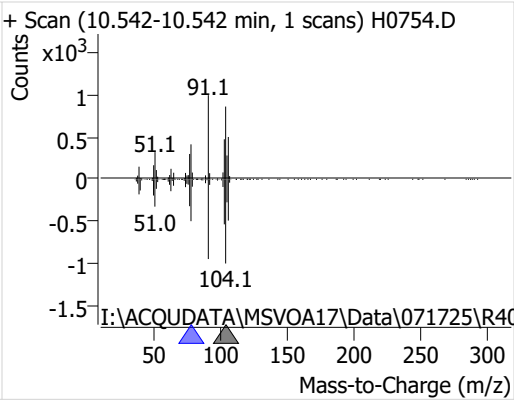




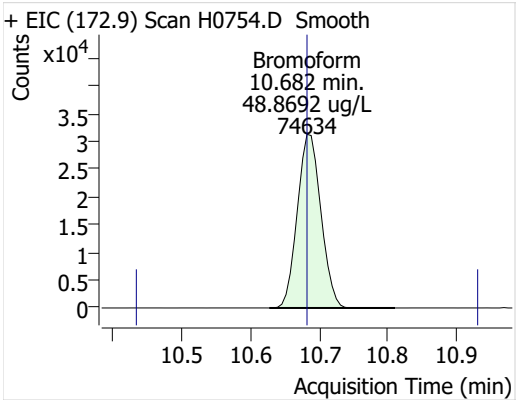
Styrene

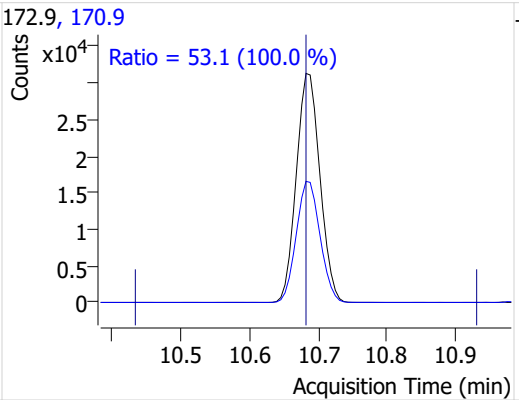


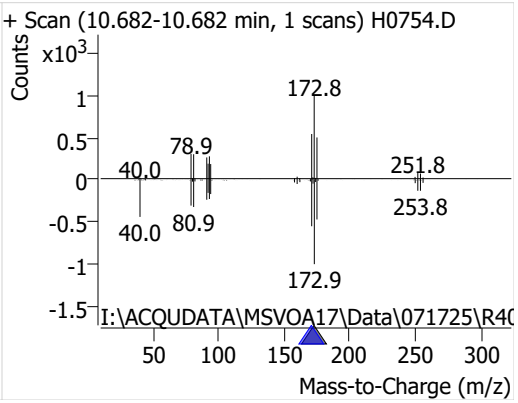




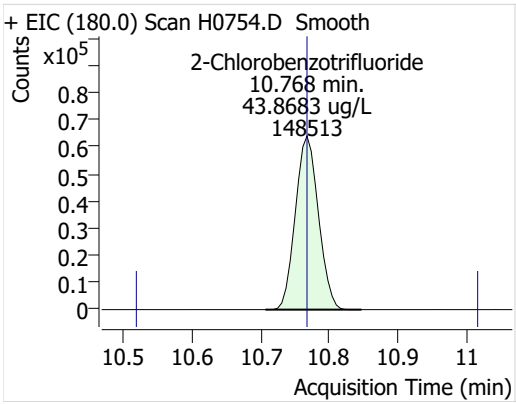
Bromoform

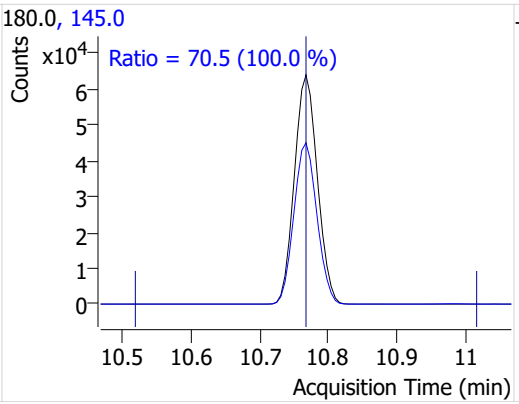


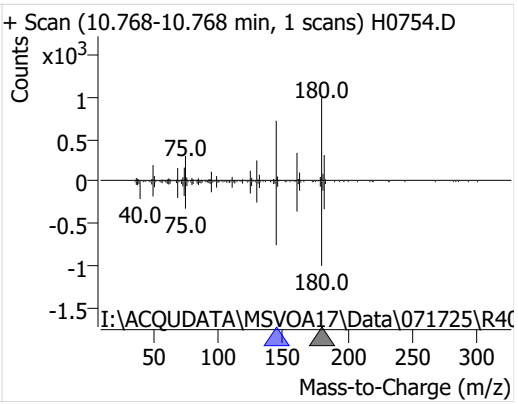




2-Chlorobenzotrifluoride

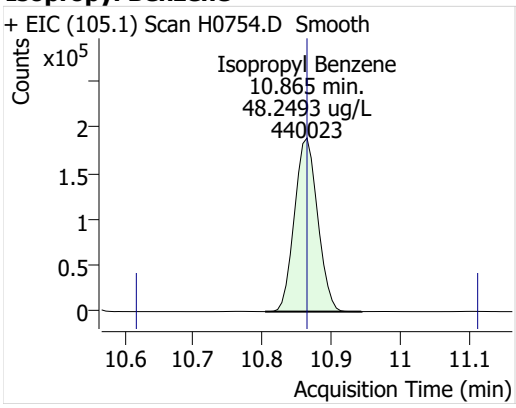


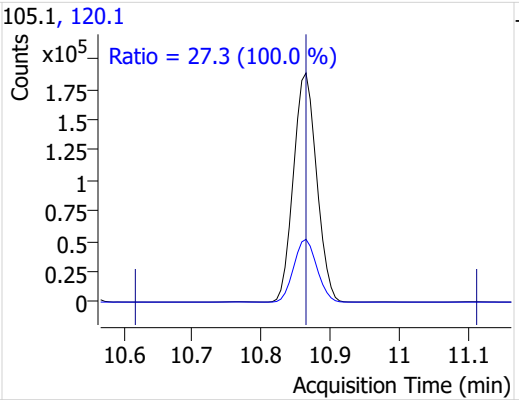


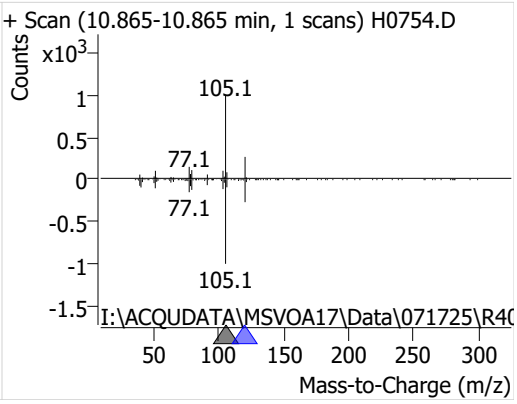


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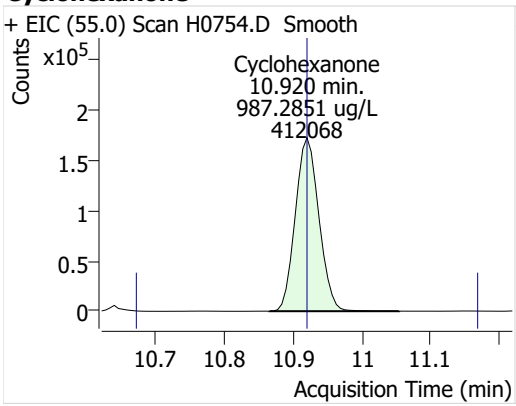
Isopropyl Benzene

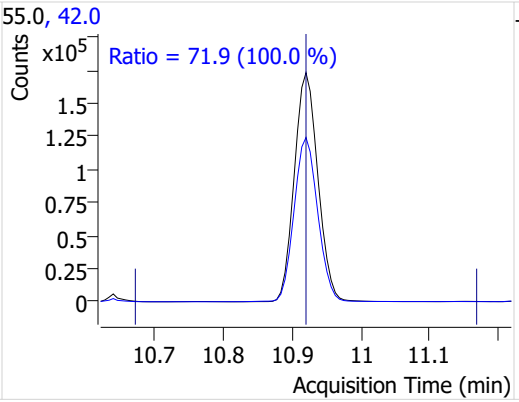


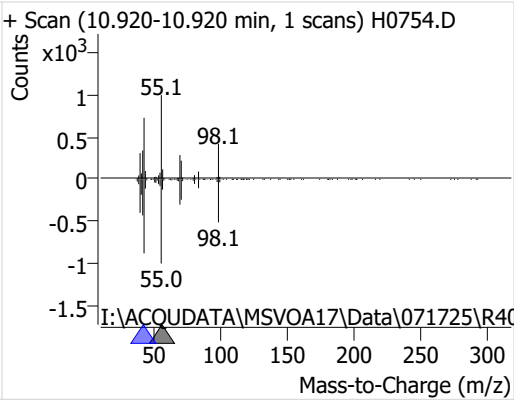




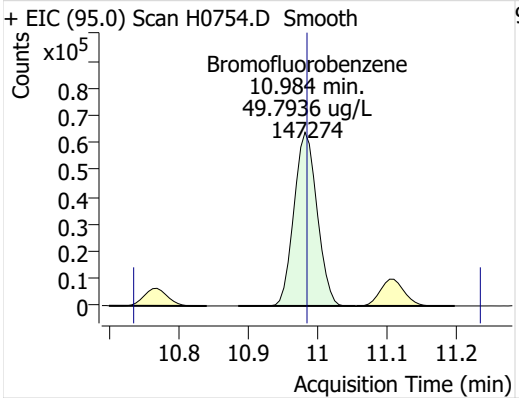
Cyclohexanone

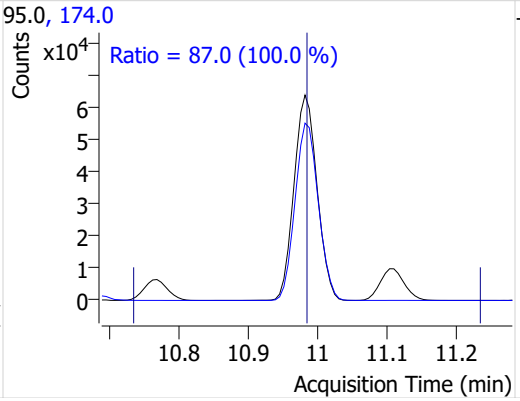


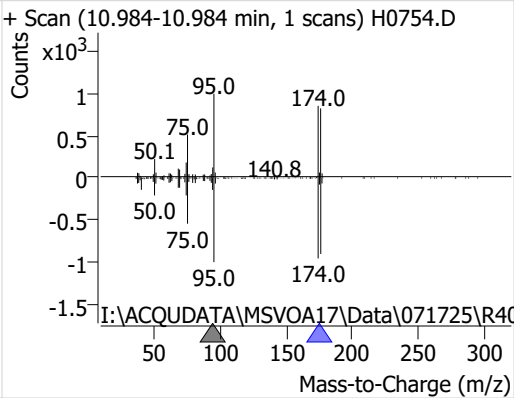




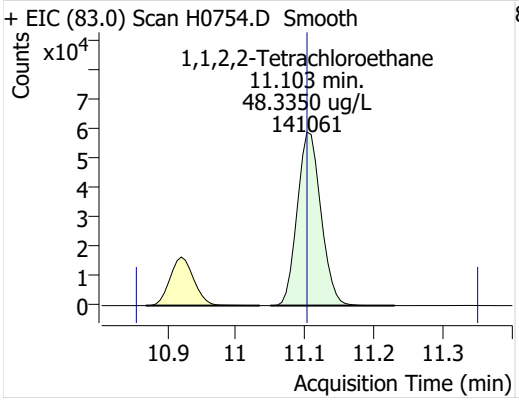
Bromofluorobenzene

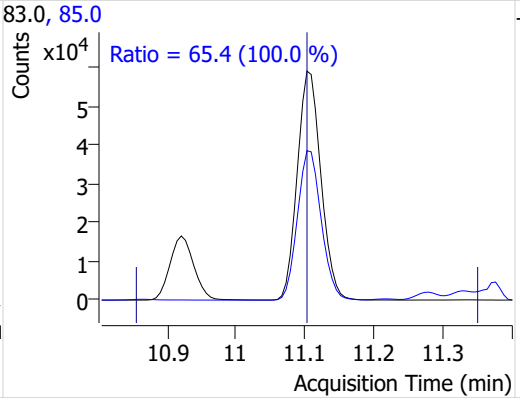


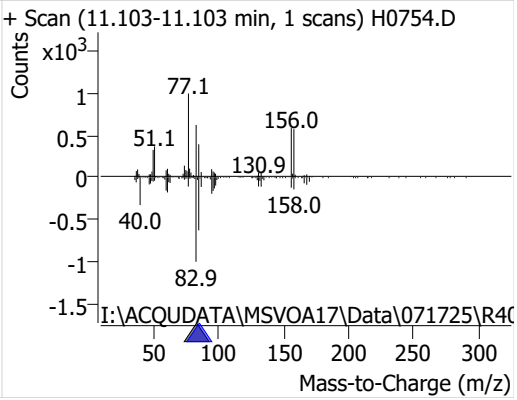




1,1,2,2-Tetrachloroethane

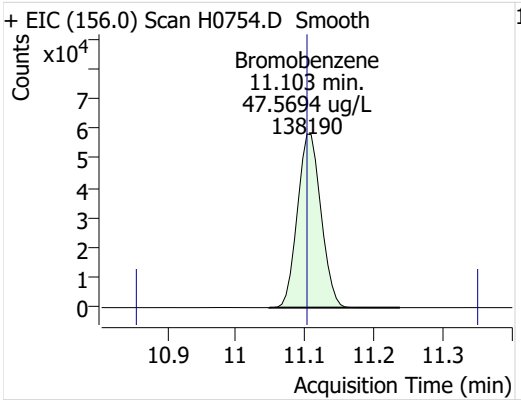


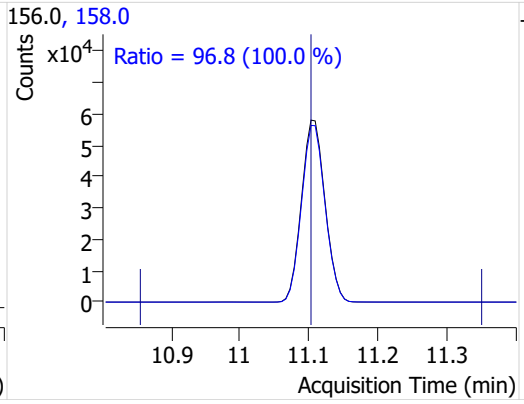


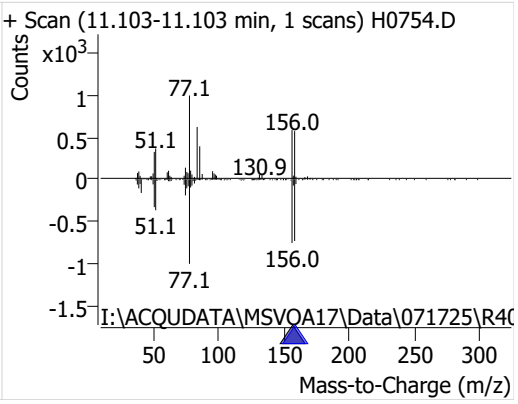


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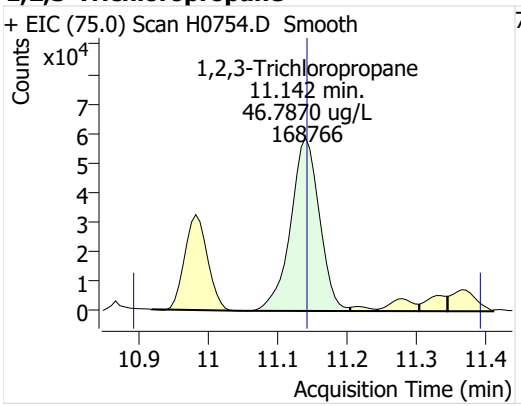
Bromobenzene

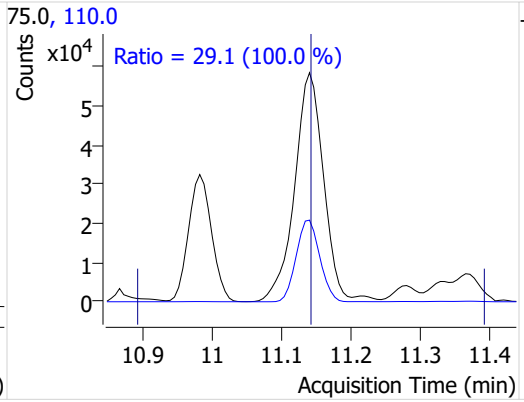


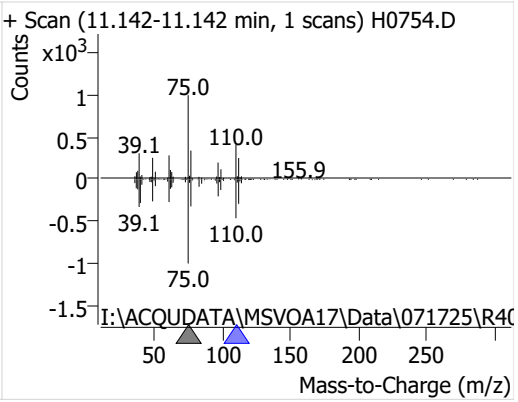




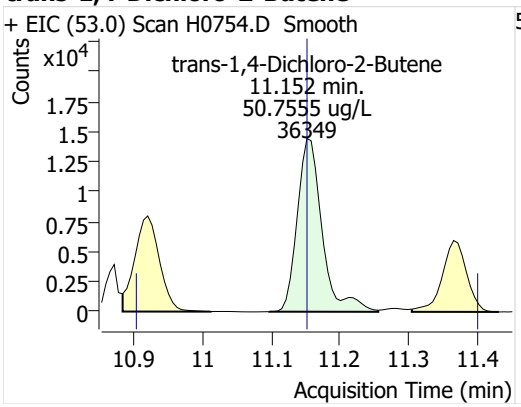
1,2,3-Trichloropropane

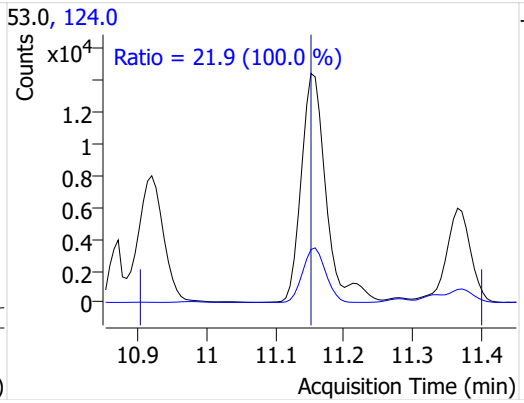


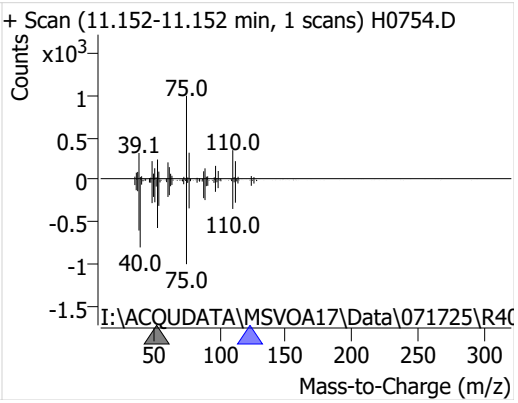




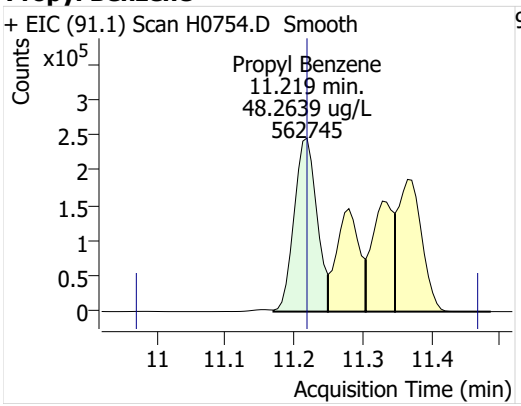
trans-1,4-Dichloro-2-Butene

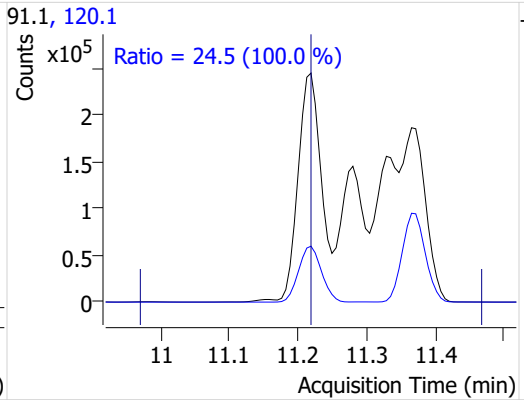


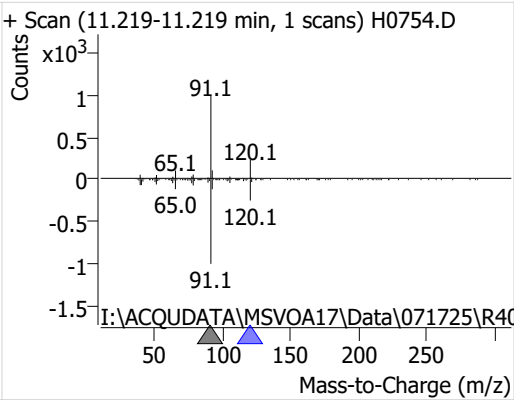




Propyl Benzene

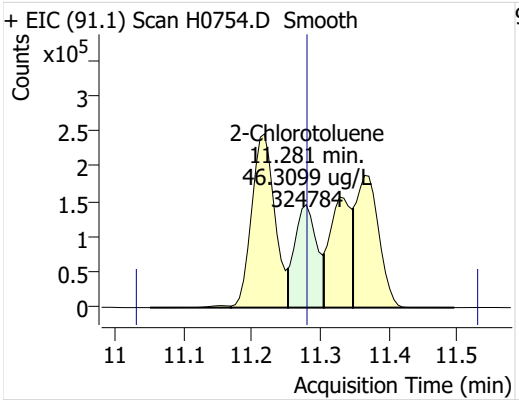


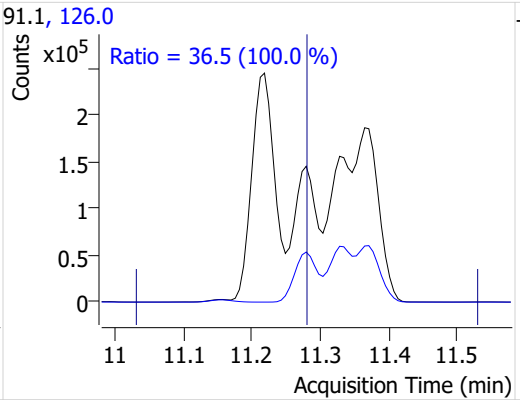


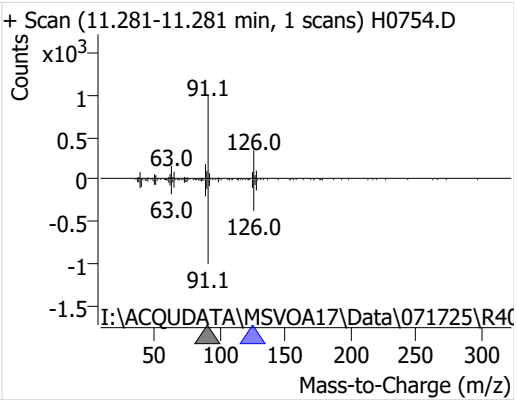


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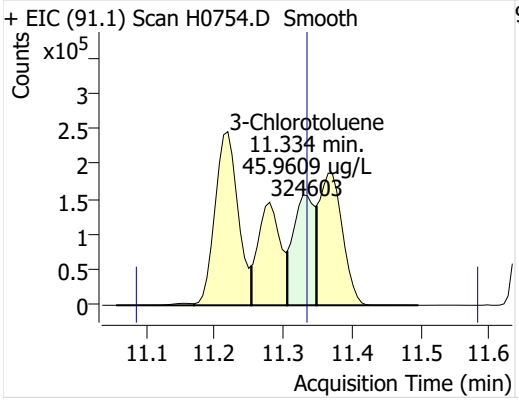
2-Chlorotoluene

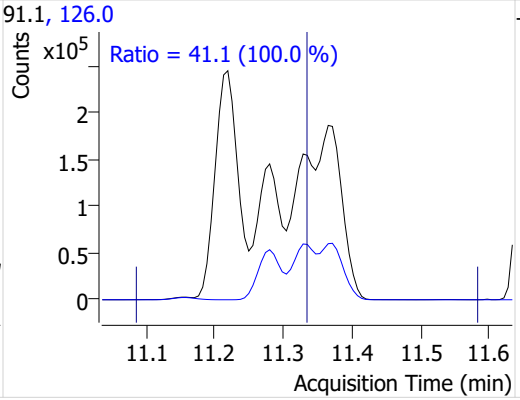


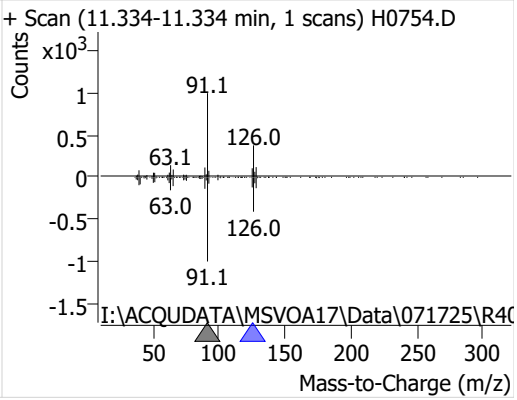




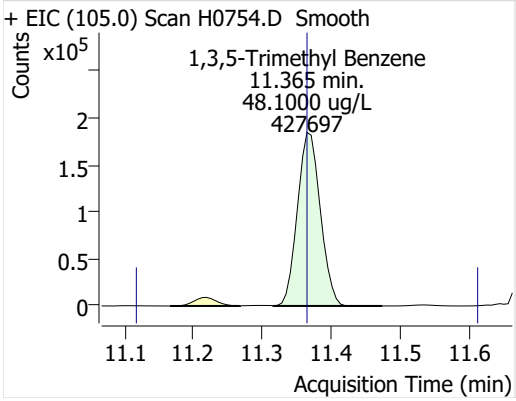
3-Chlorotoluene

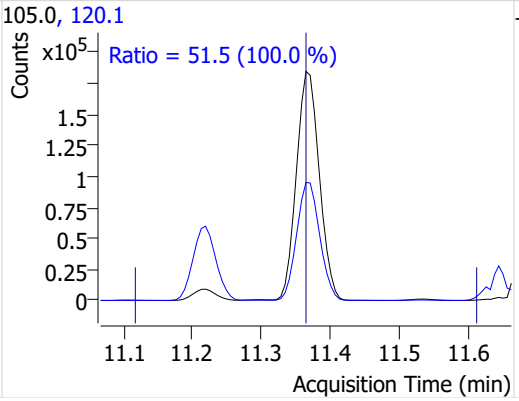


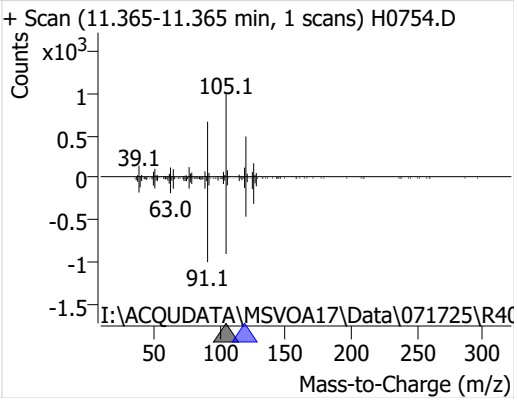




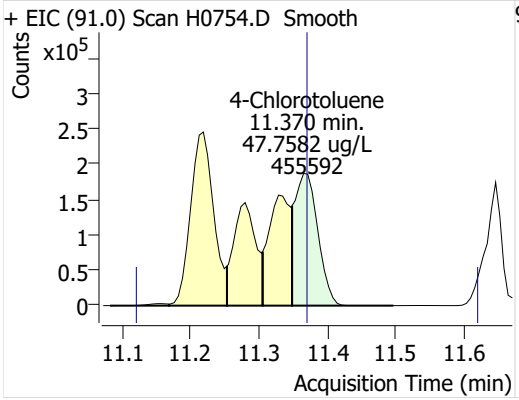
1,3,5-Trimethyl Benzene

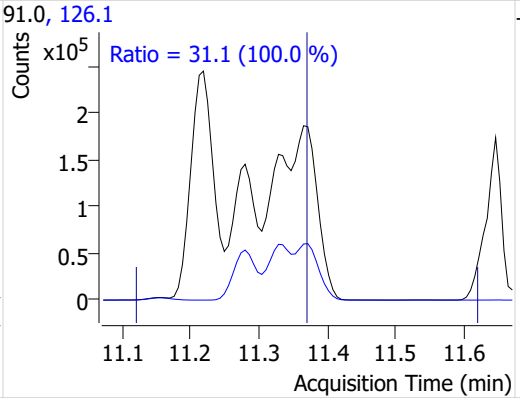


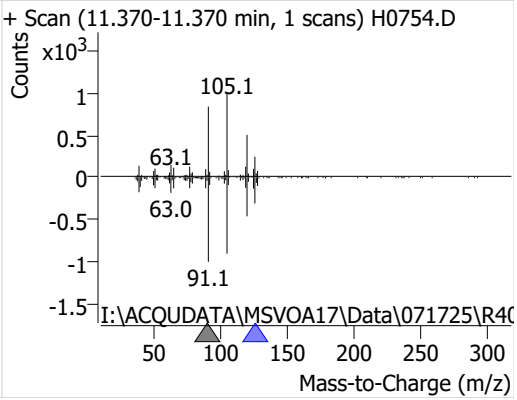




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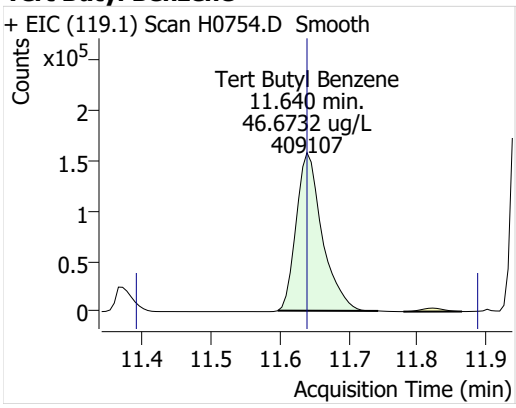


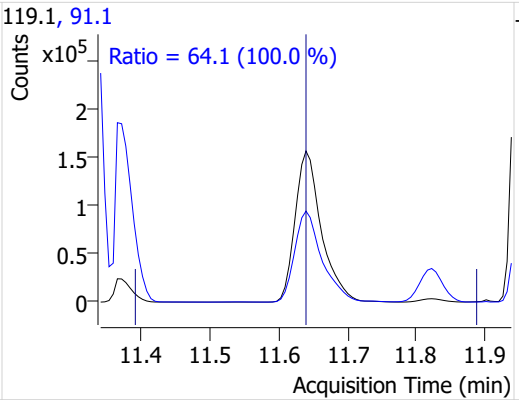


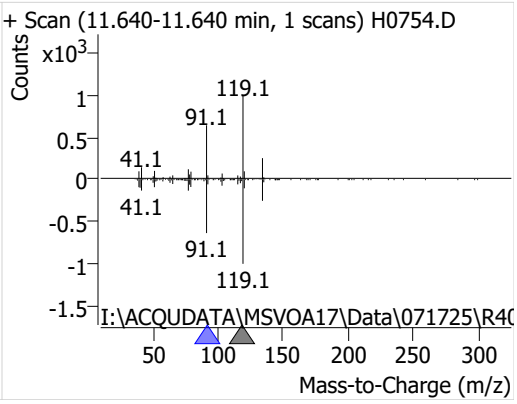


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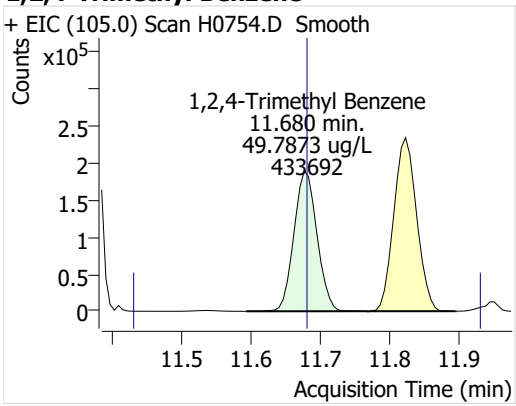
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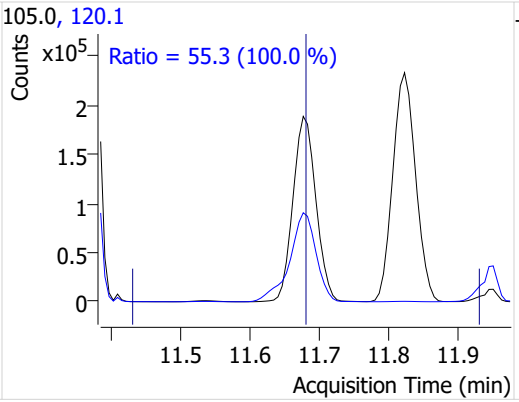


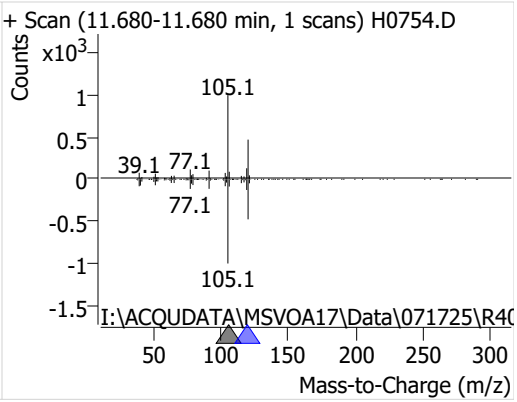




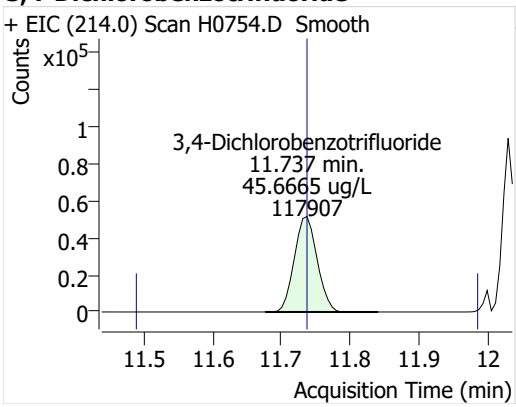
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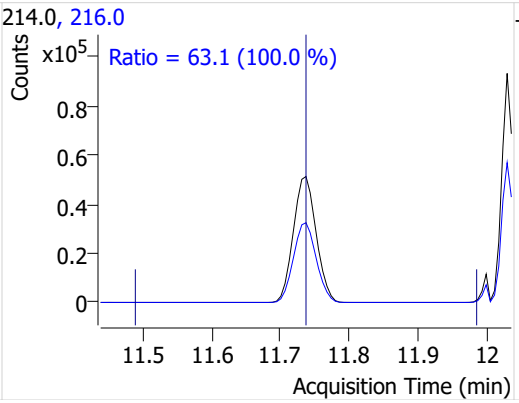


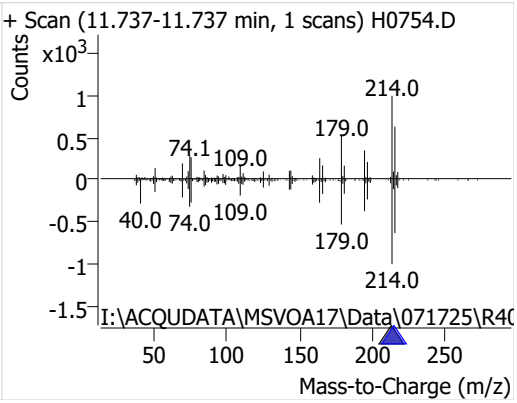




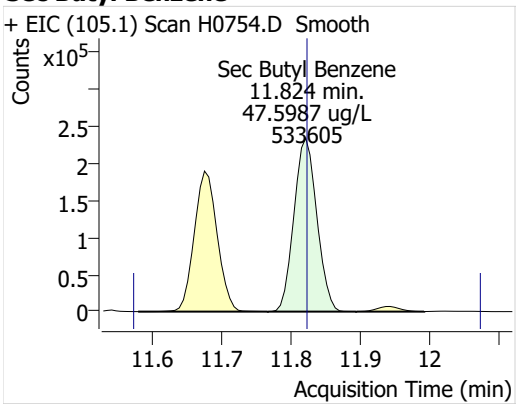
3,4-Dichlorobenzotrifluoride

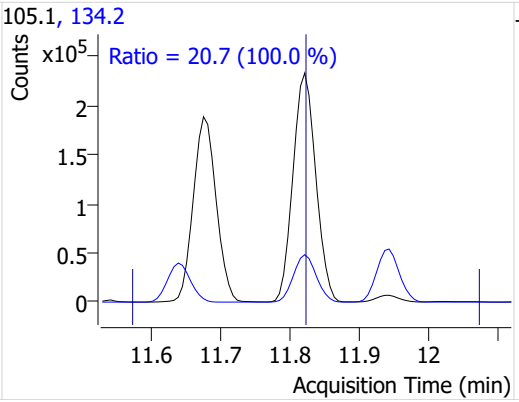


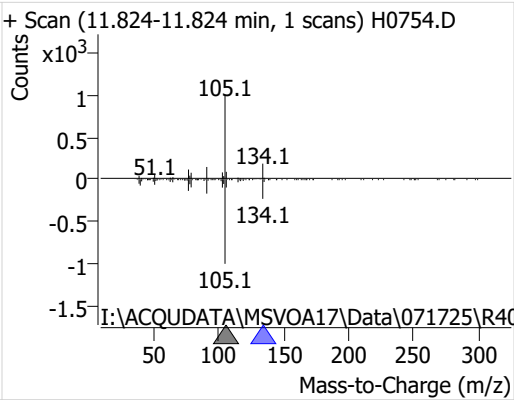




Sec Butyl Benzene

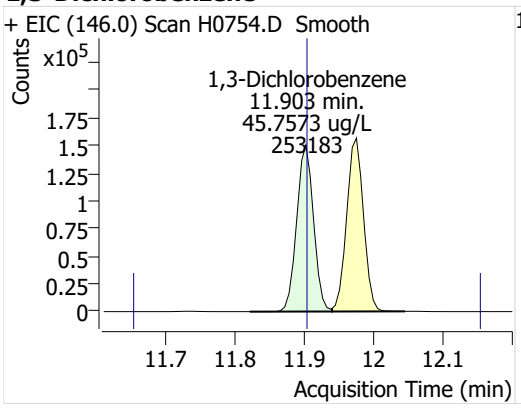


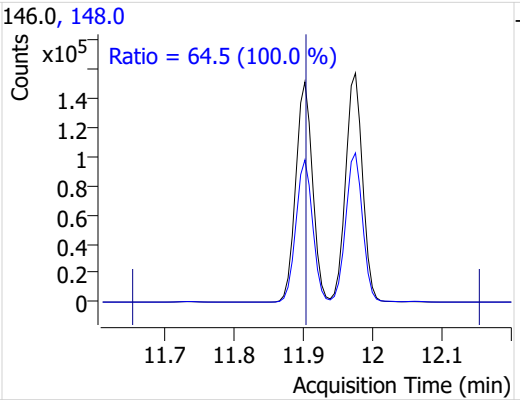


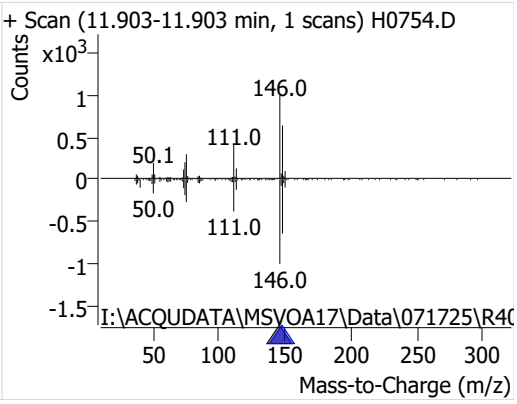


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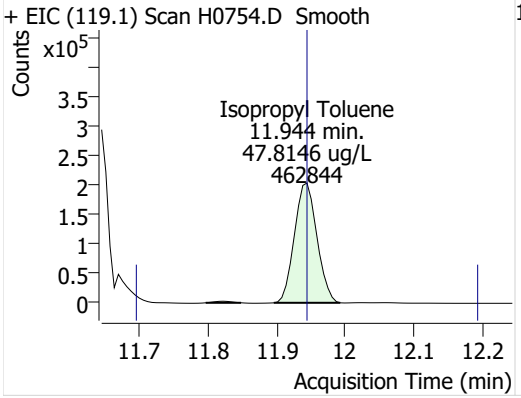
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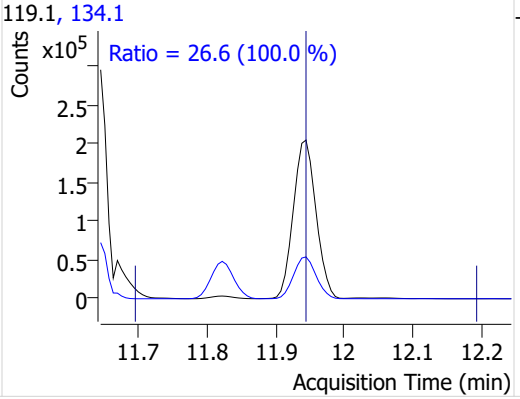


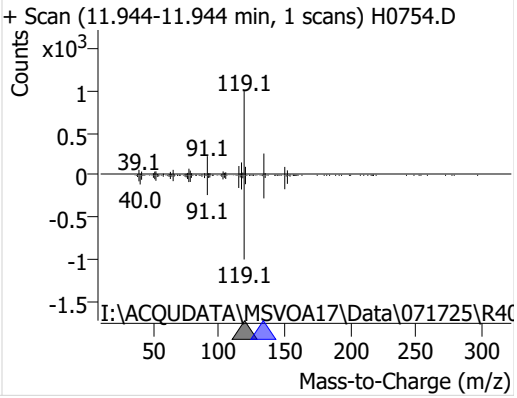




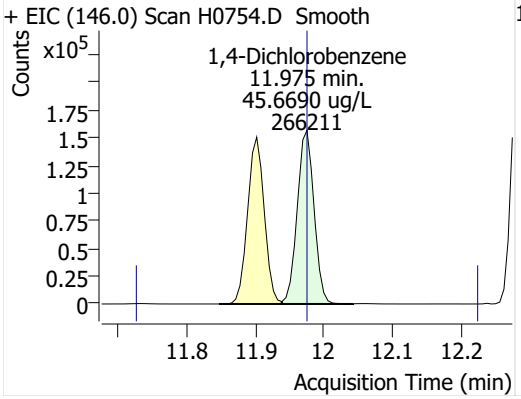
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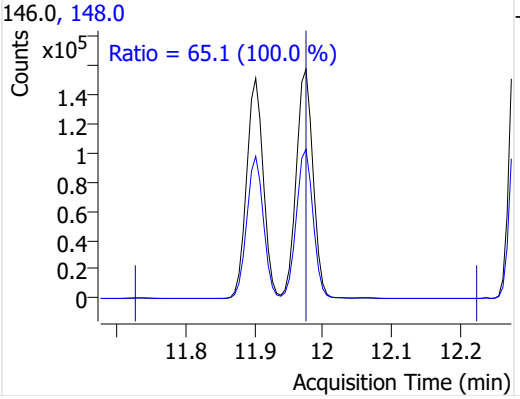


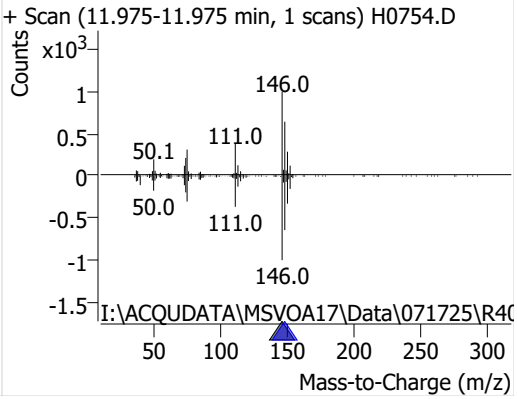




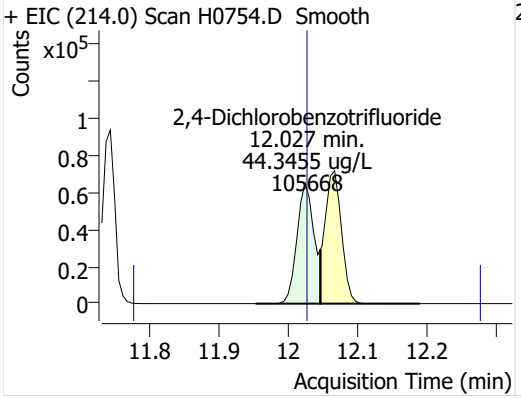
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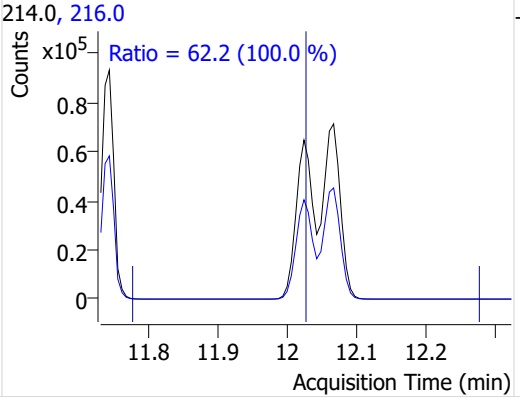


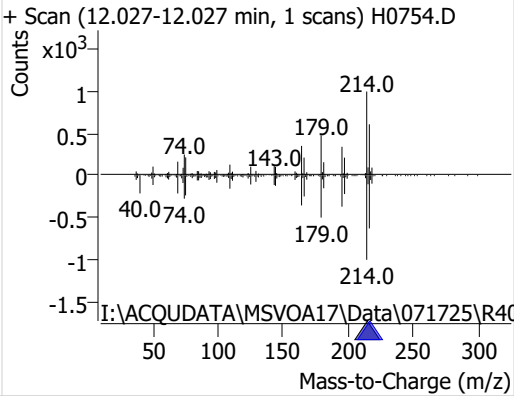




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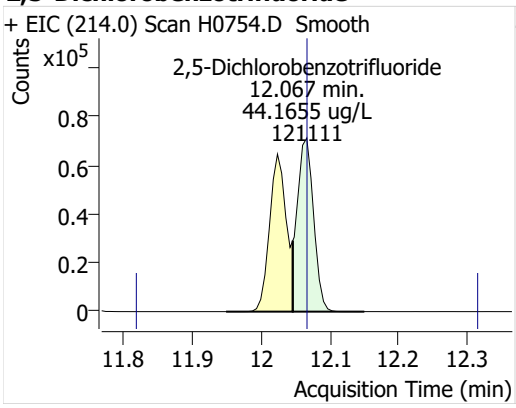


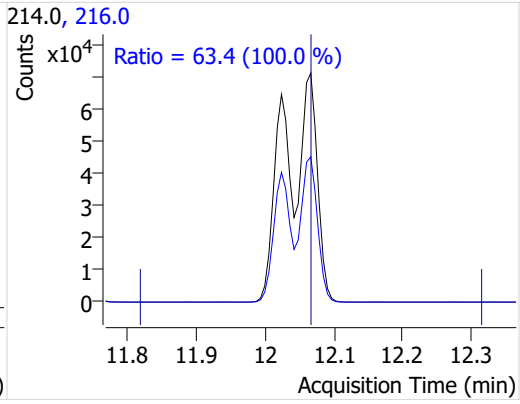


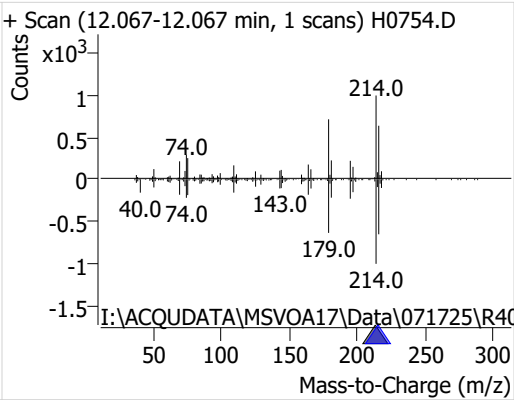


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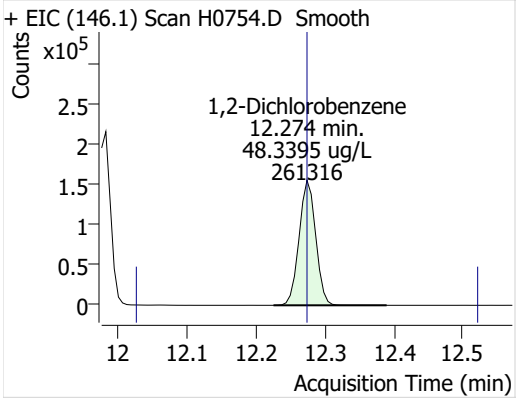
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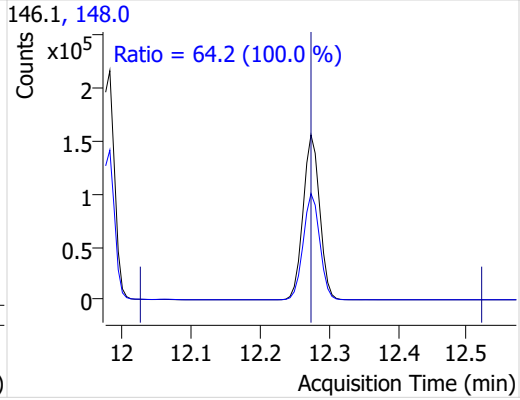


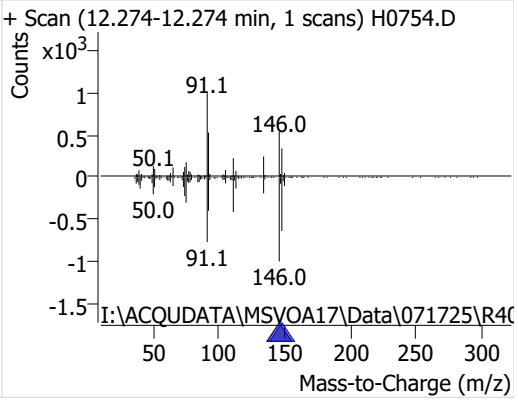




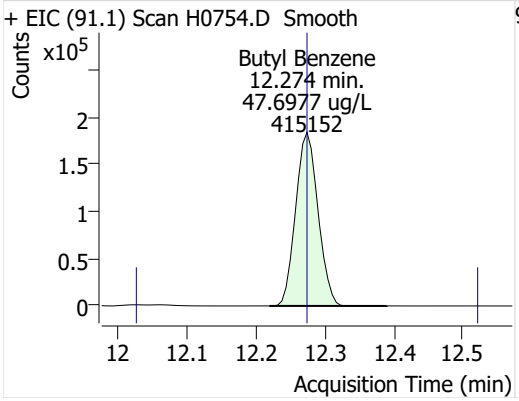
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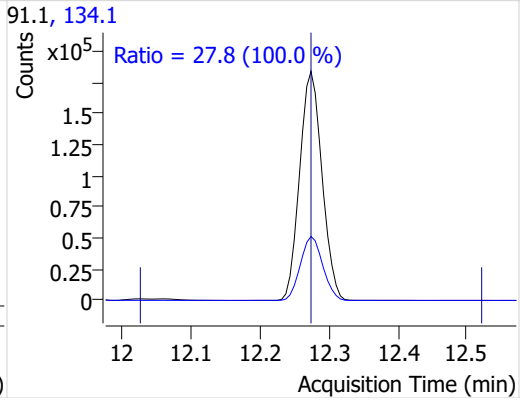


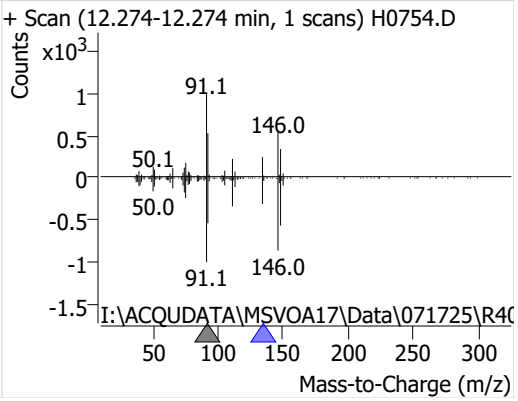




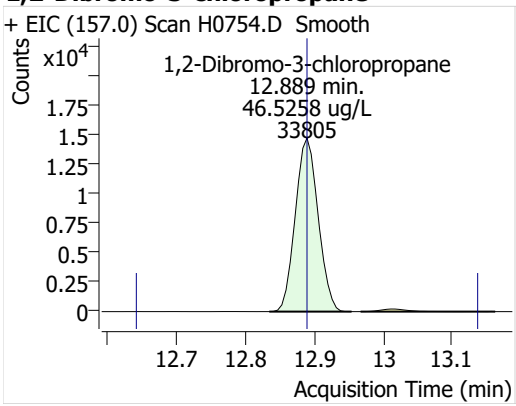
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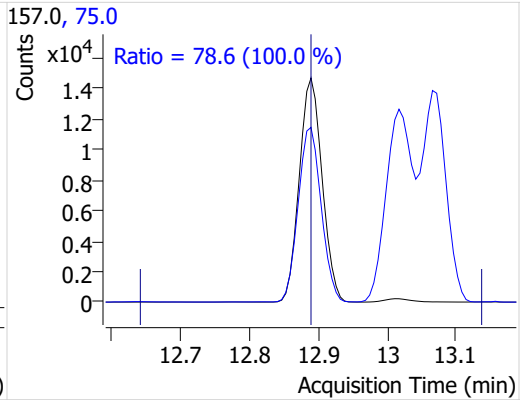


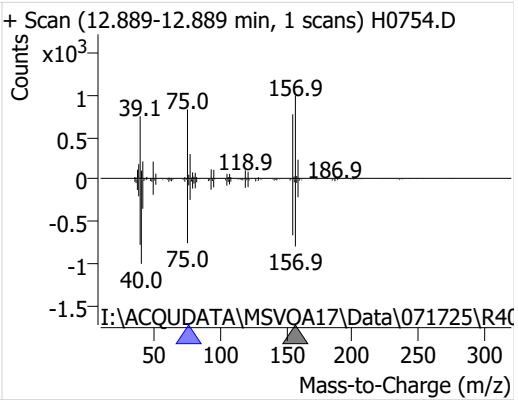




1,2-Dibromo-3-chloropropane

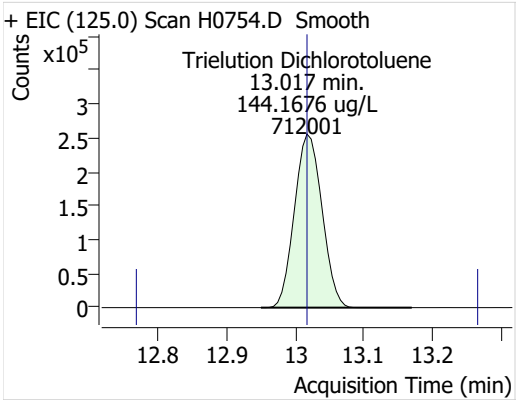


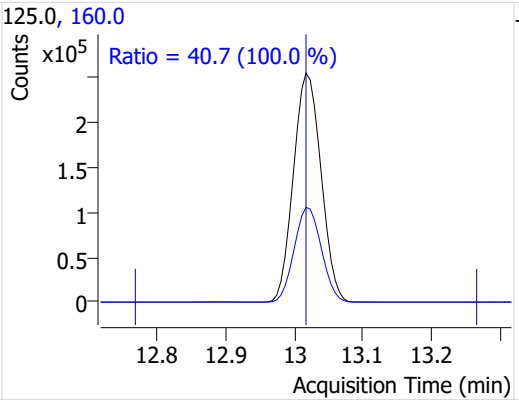


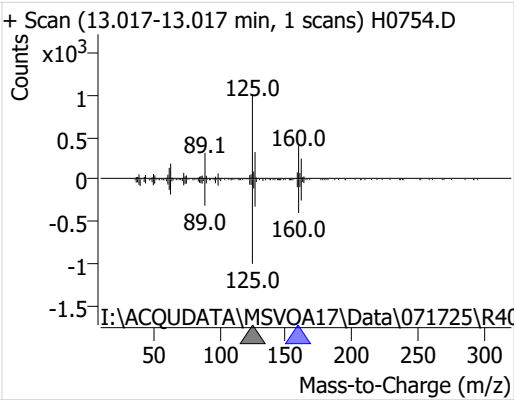


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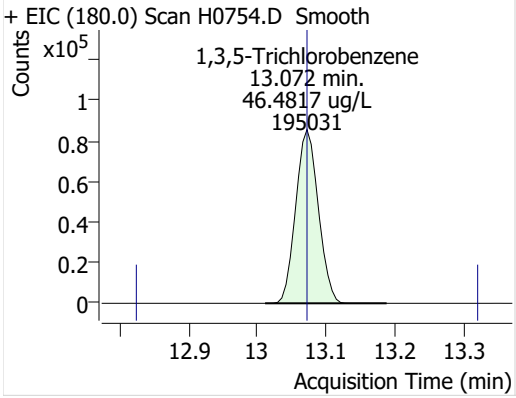
Trielution Dichlorotoluene

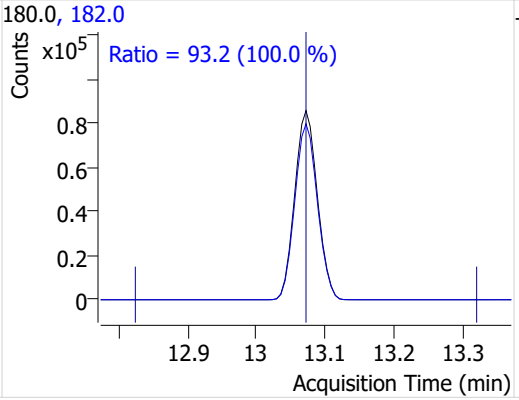


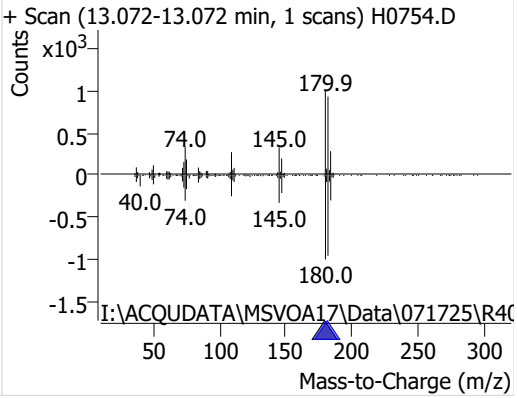




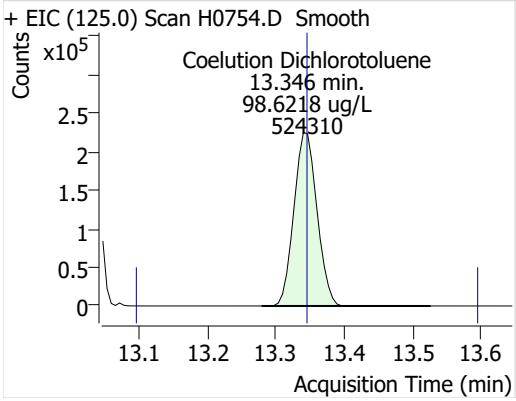
1,3,5-Trichlorobenzene

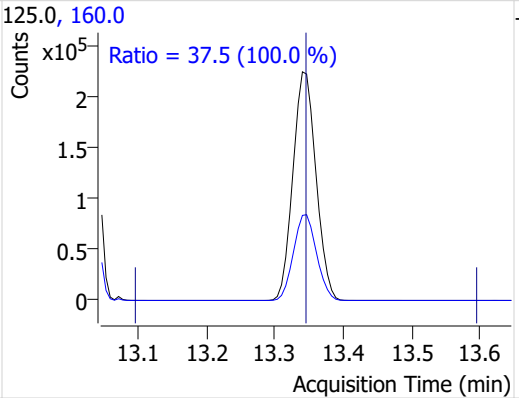


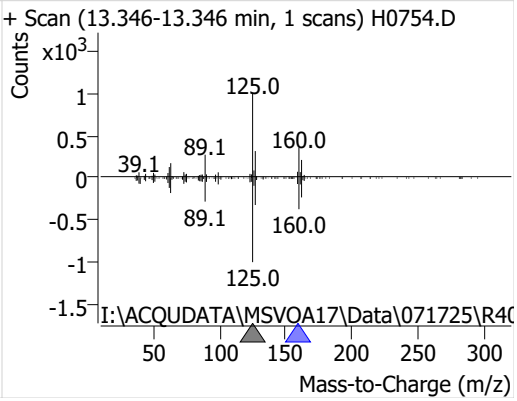




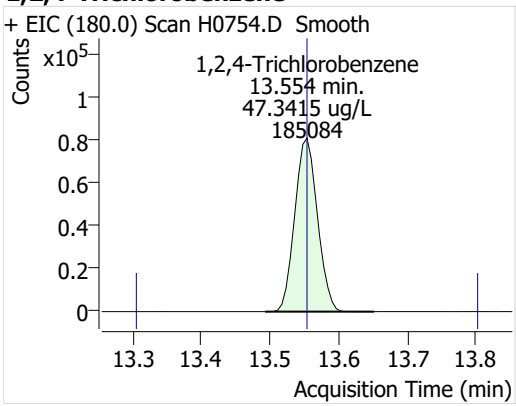
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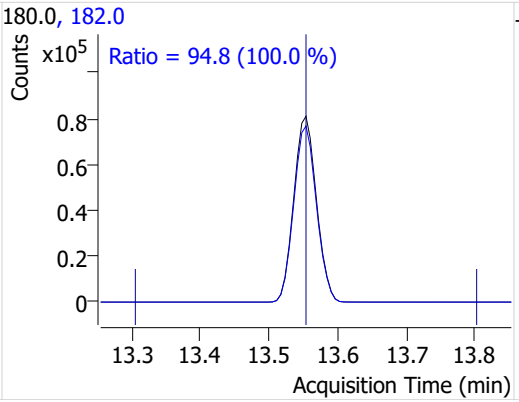


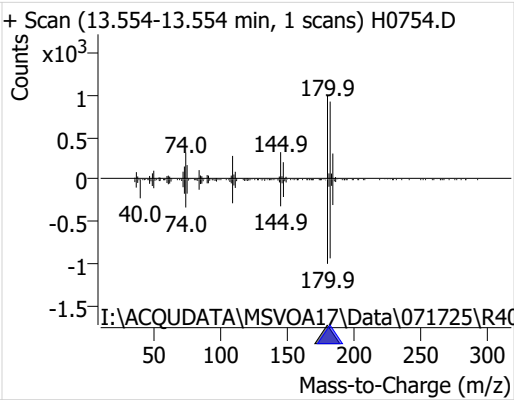




1,2,4-Trichlorobenzene

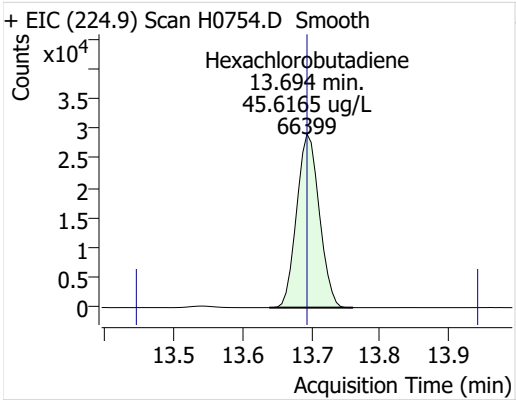


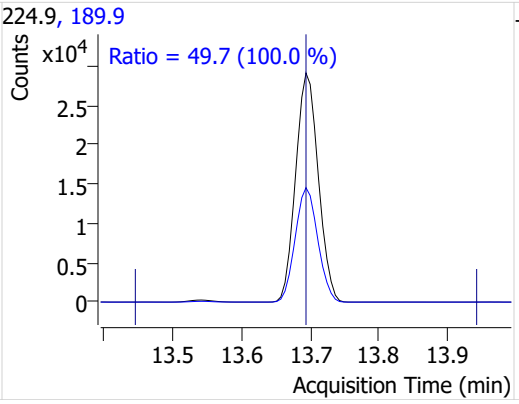


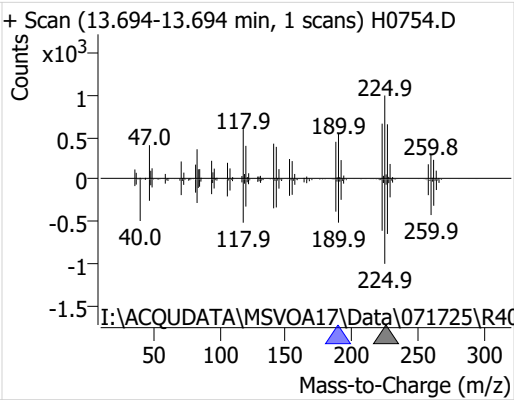


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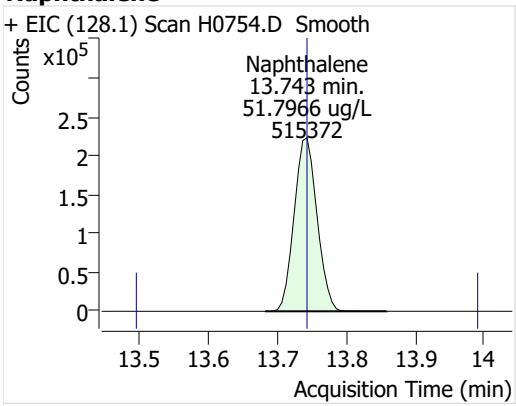
Hexachlorobutadiene

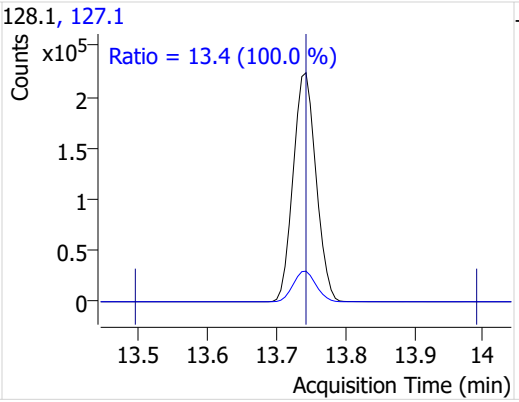


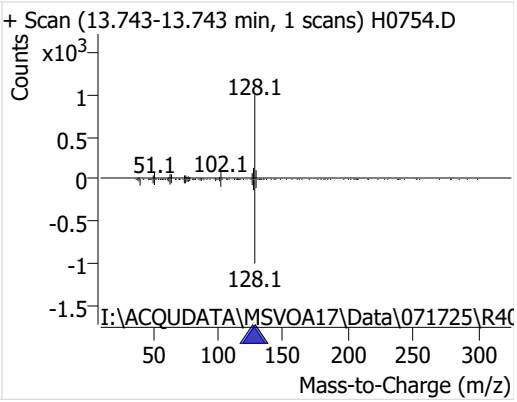




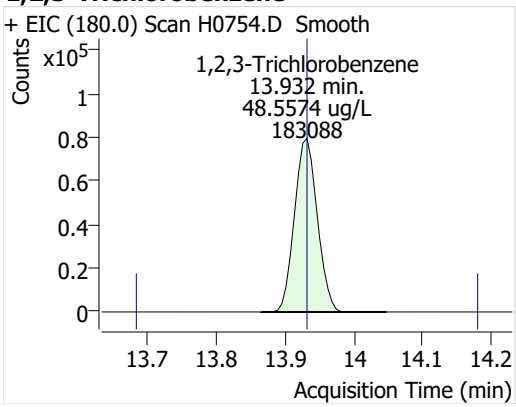
Naphthalene

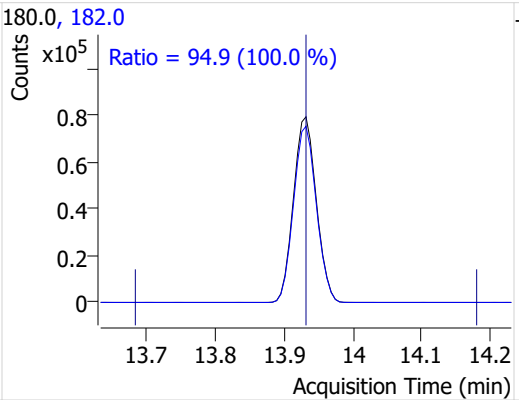


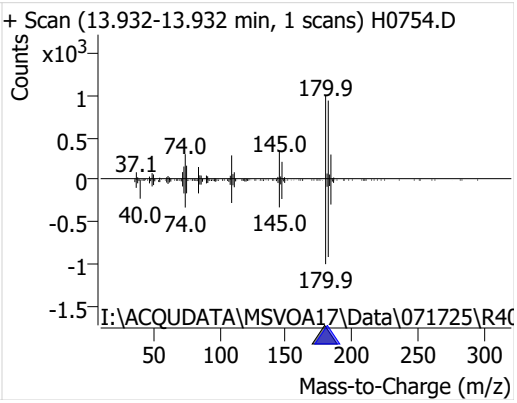




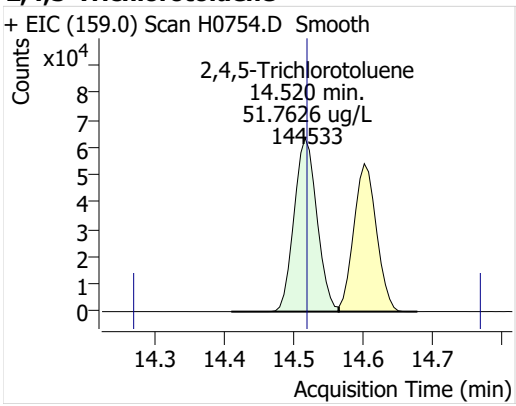
1,2,3-Trichlorobenzene

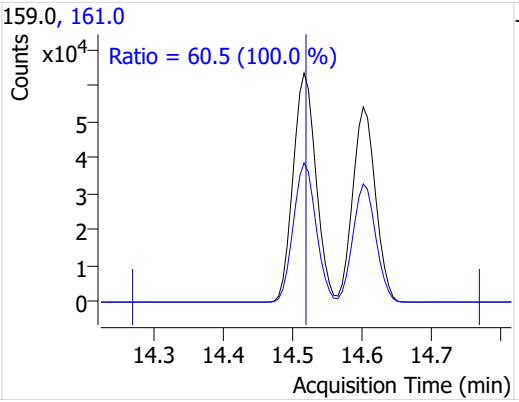


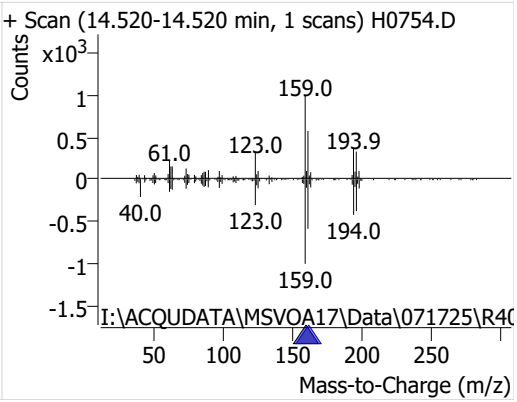




2,4,5-Trichlorotoluene

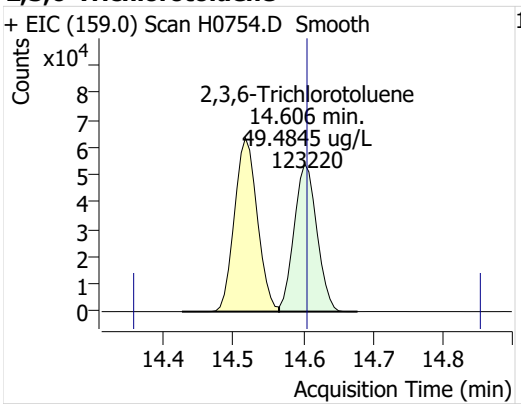


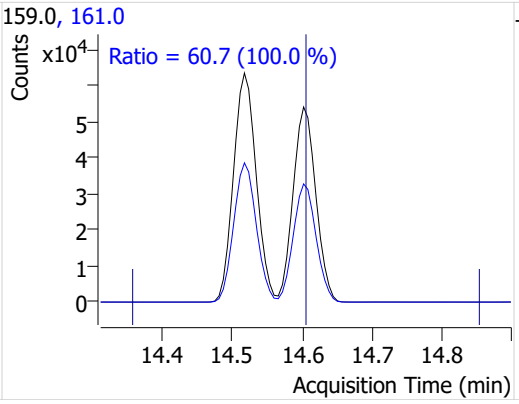


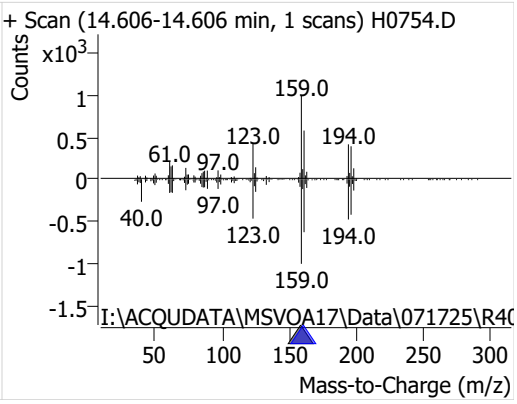


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





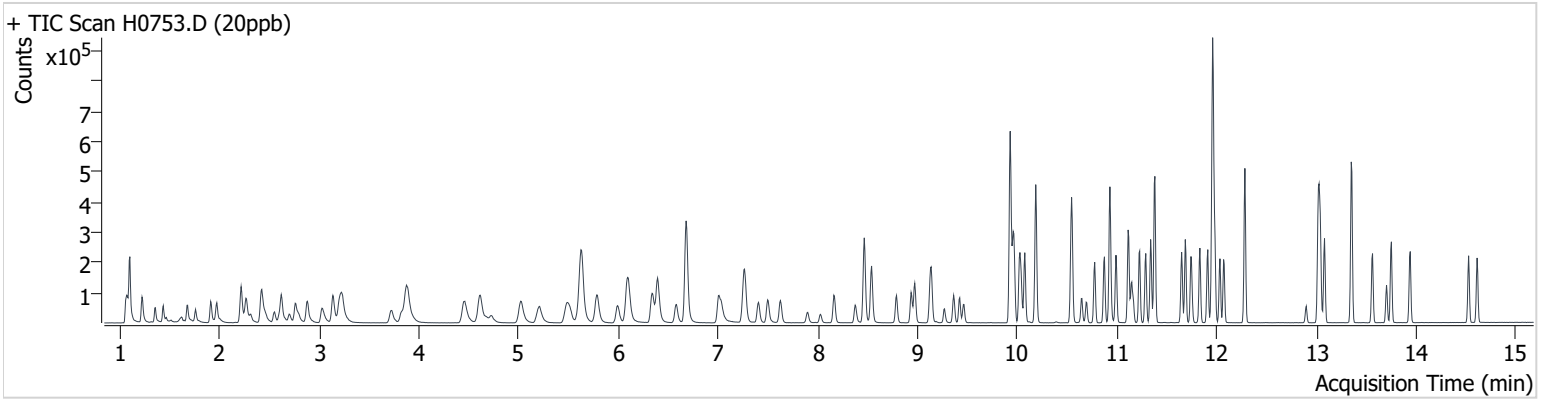


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0753.D

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Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	212102	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	347498	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	299444	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	170126	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	47870	21.3681	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	185554	21.4294	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	55100	20.1284	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	54402	21.0393	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	39569	15.2191	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	39510	15.3000	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	38558	16.2974	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	42815	15.4563	ug/L
Bromomethane	94.000	0.298	0.001	1.673	0.003	33171	15.5023	ug/L
Chloroethane	64.000	0.312	0.000	1.756	0.001	29069	14.3220	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.001	61648	14.7579	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	53276	14.0848	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	32260	14.3107	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.000	33256	17.1320	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	48187	14.2161	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.001	14288	104.5452	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	49568	14.4401	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.000	30125	12.7591	ug/L
Acetone	43.000	0.437	0.000	2.456	0.000	18579	19.5848	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.001	44481	16.9388	ug/L
2-Propanol	45.000	0.463	0.001	2.601	0.005	41439	298.1696	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	113912	19.8098	ug/L
Acetonitrile/Allyl Chloride	41.000	0.489	0.001	2.751	0.003	71709 LT	92.8743	ug/L
Methyl Acetate	43.000	0.496	0.000	2.787	0.001	29790	15.8314	ug/L

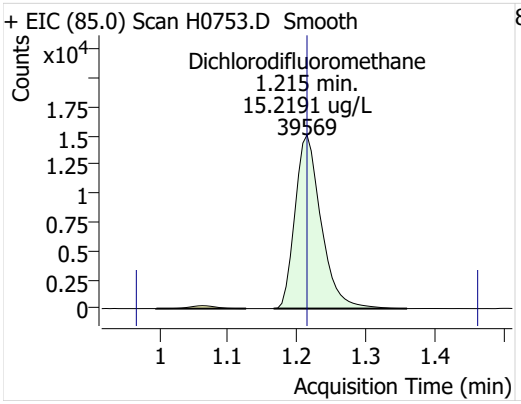
Masshunter Quantitative Analysis Sample Report

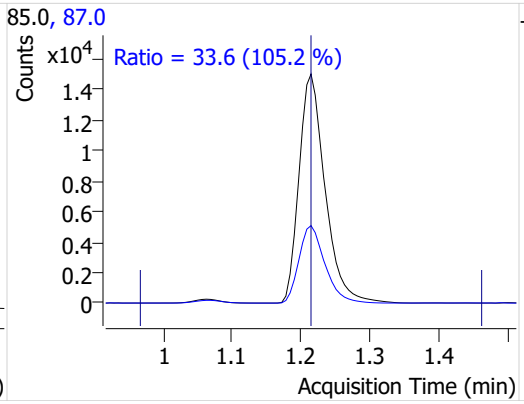
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	38656	16.7722	ug/L
TBA	59.000	0.538	0.000	3.025	0.000	75009	349.6725	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	89763	91.9975	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	45572	15.0004	ug/L
MTBE	73.000	0.573	0.000	3.220	0.000	112088	17.6571	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	59848	15.3757	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.821	0.001	61338	18.6744	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	36256	19.8339	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	114785	17.2651	ug/L
ETBE	59.000	0.792	0.000	4.451	0.001	109506	17.6012	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.001	40256	16.5815	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	41111	14.1379	ug/L
2-Butanone	43.000	0.832	0.001	4.677	0.004	21670	18.1531	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	35902	95.7461	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	29763	17.4496	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.021	0.001	18197	18.6306	ug/L
Tetrahydrofuran	42.000	0.922	0.002	5.183	0.012	12433	17.1700	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	61973	15.4798	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	46506	14.1583	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	50689	14.8426	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.001	38082	12.8163	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	38004	13.7485	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	129531	15.5749	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	55948	17.3949	ug/L
Iso-Butyl Alcohol	43.000	0.915	0.000	6.102	0.002	27320	382.1681	ug/L
TAME	73.000	1.127	0.001	6.336	0.006	101717	17.6181	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	35221	13.1005	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	37114	14.5191	ug/L
1-Butanol	56.000	1.054	0.001	7.031	0.006	45314	791.7073	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	42854	14.2127	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	38098	16.6585	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	28575	17.5057	ug/L
1,4-Dioxane	88.000	1.122	0.001	7.488	0.006	11915	353.9690	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	27386	17.4577	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	48969	16.1478	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.001	24330	36.0832	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	13252	19.4264	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.152	0.003	50357	16.6953	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.371	0.002	41100	18.5928	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	134580	14.7867	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	42346	15.9792	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	46356	16.7658	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	36941	17.6117	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	30510	13.4948	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	60965	17.6096	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	14975	17.7011	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	41782	17.3205	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.416	0.001	50206	15.5342	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	35414	17.6206	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	96510	15.3863	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	51710	15.8293	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	49508	15.9787	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	34691	15.8856	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	135521	13.9715	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	212312	29.0569	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	114482	14.6744	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	100591	15.3436	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.003	25195	17.0747	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	51932	15.8771	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	120474	13.6728	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	146319	402.9621	ug/L

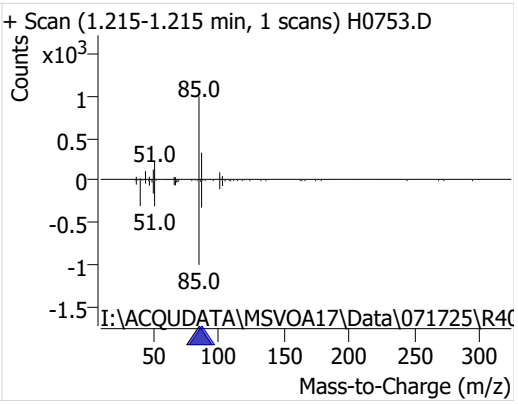
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	47930	17.7449	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	43748	16.2711	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	57365	17.1830	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	11775	17.0181	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	151366	14.0265	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.001	95986	14.7875	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.001	118373	18.1092	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	114200	13.8766	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	126181	14.2914	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	106991	13.1882	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	117892	14.6228	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	37181	15.5592	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	133996	12.9145	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	76956	15.0271	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	115357	12.8759	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	81729	15.1490	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	34527	15.6560	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.066	0.000	40616	16.0032	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	81672	16.3238	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	99064	12.2974	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	11558	17.1877	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	236387	51.7154	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	66054	17.0092	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	174292	35.4218	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	55366	15.3012	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	16302	12.1006	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	168880	18.3386	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	57349	16.4336	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	44594	17.2558	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	41676	18.0837	ug/L

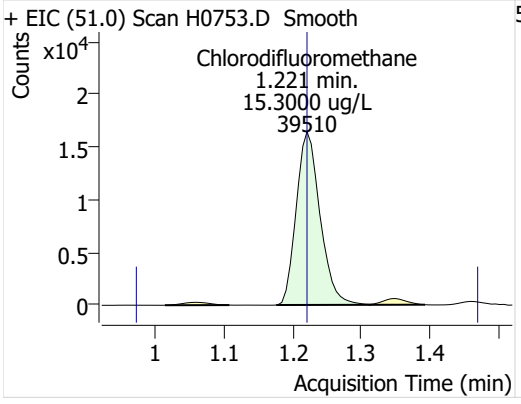
Dichlorodifluoromethane

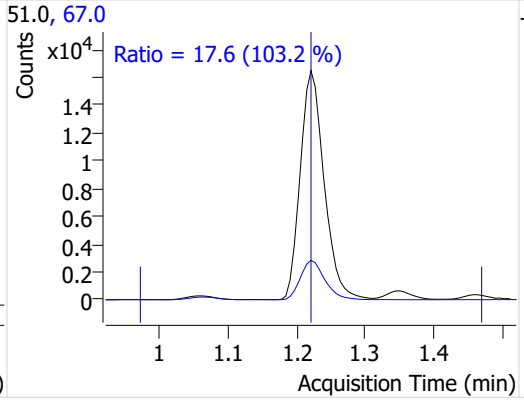


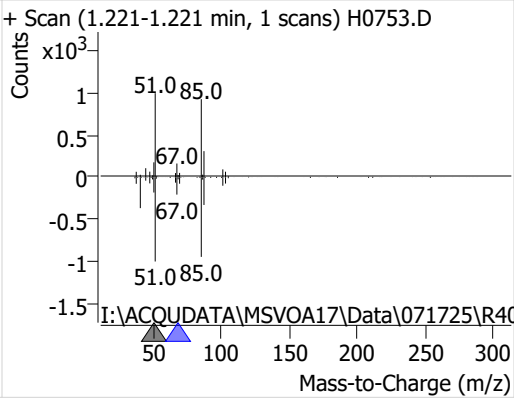




Chlorodifluoromethane

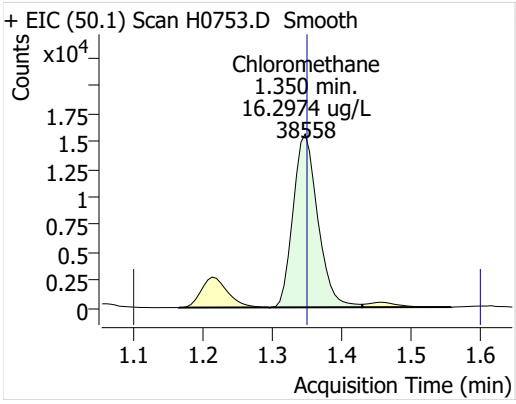


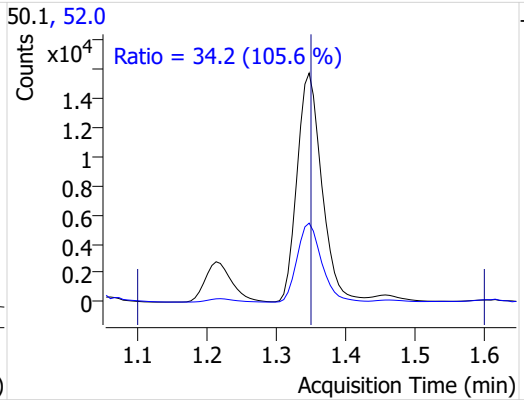


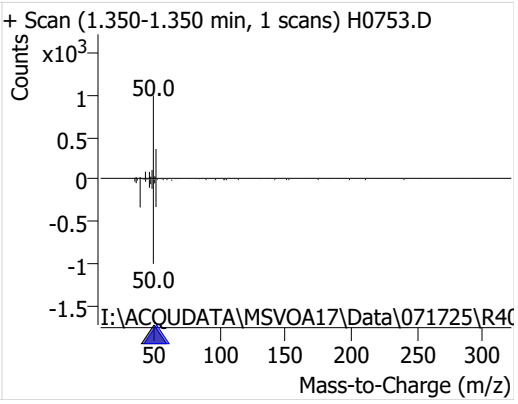


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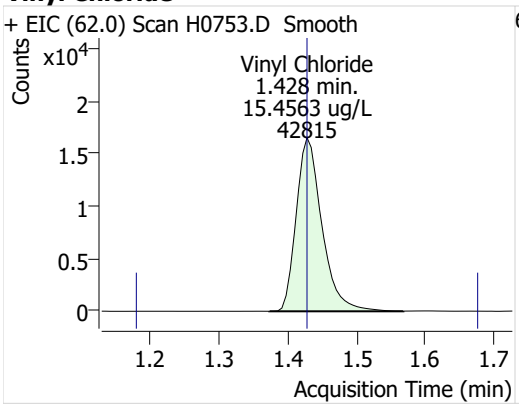
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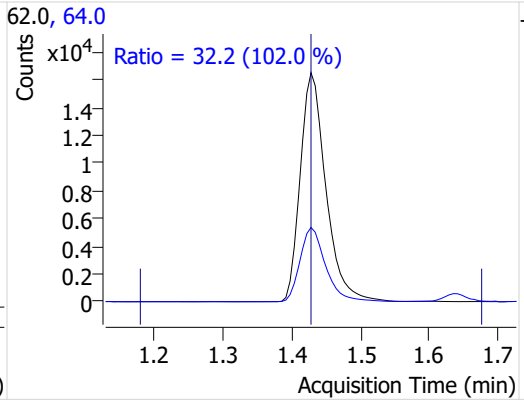


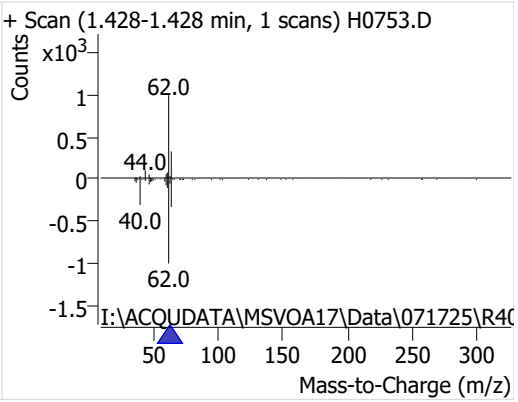




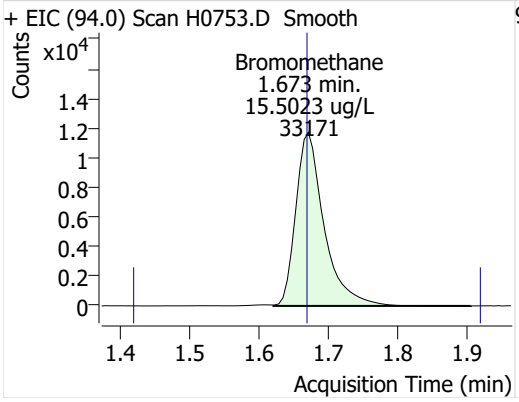
Vinyl Chloride

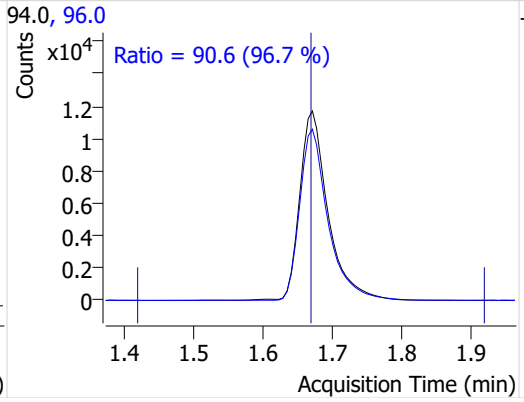


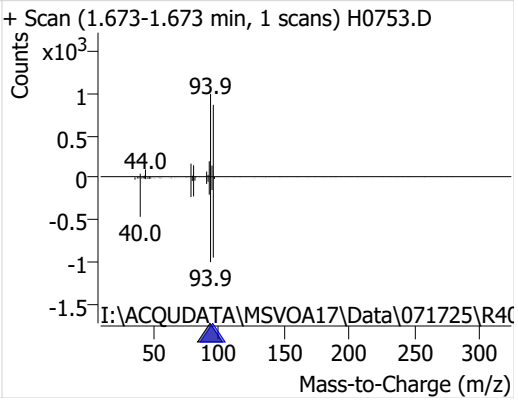




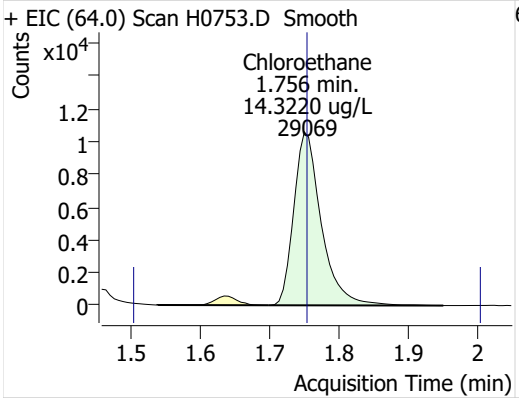
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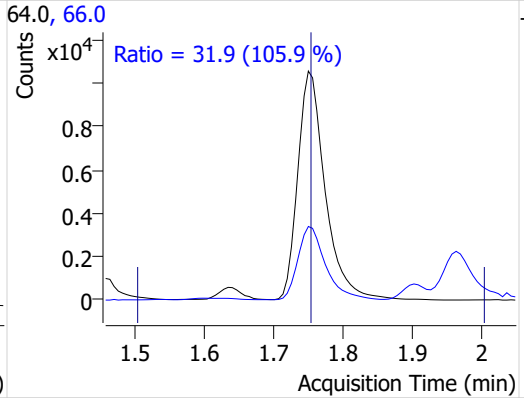


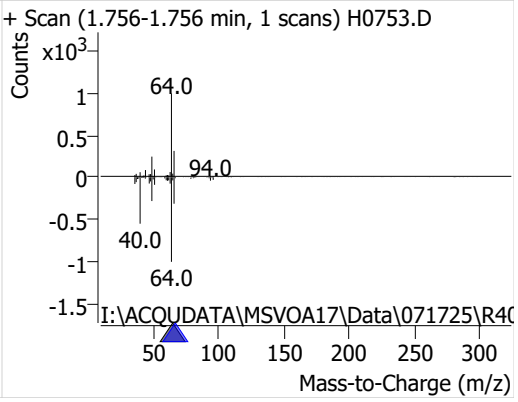




Chloroethane

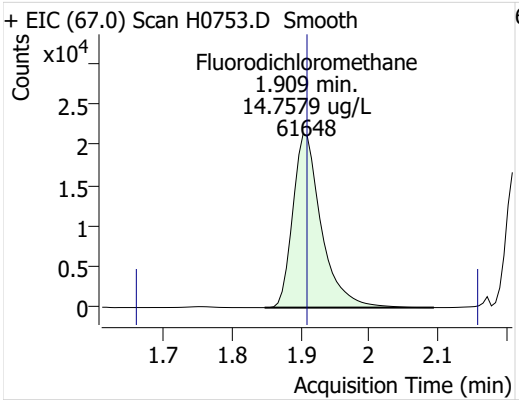


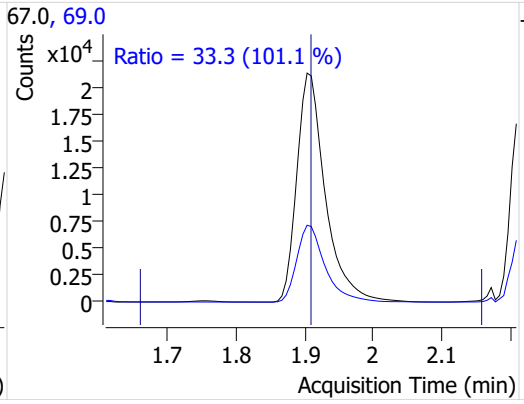


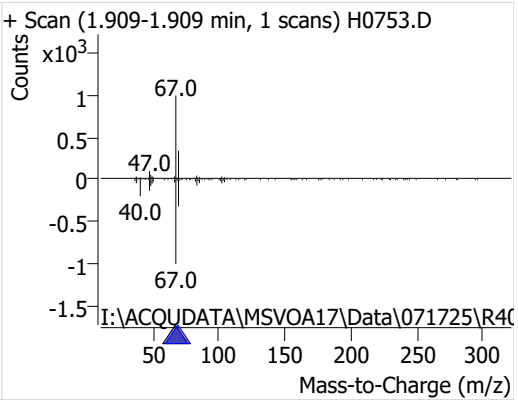


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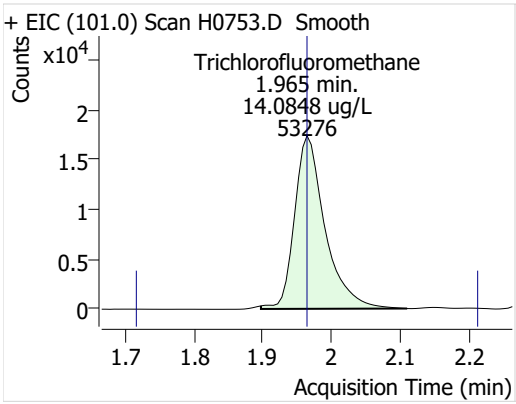
Fluorodichloromethane

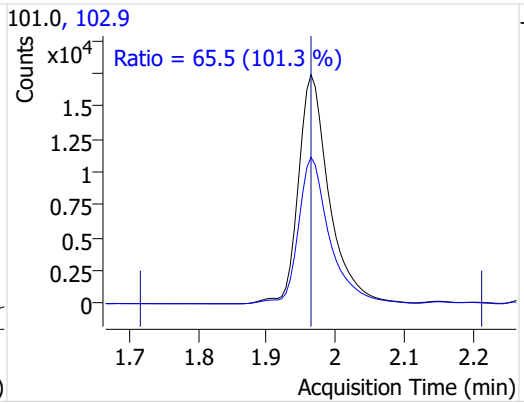


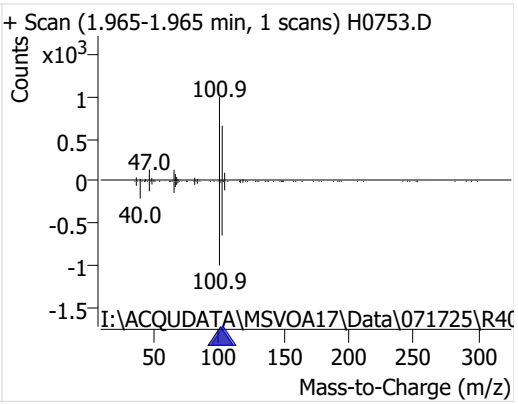




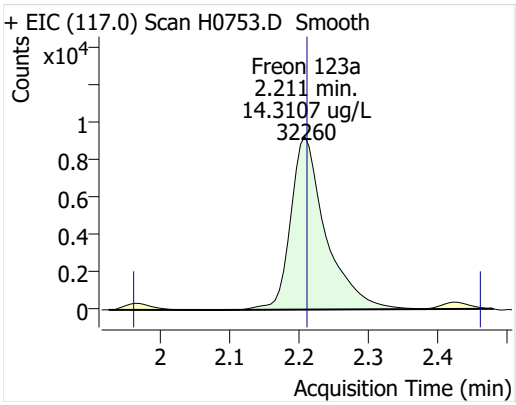
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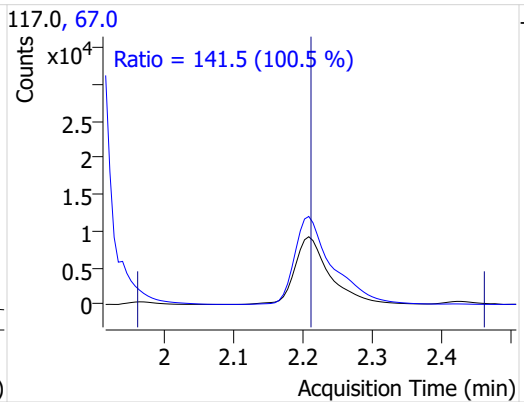


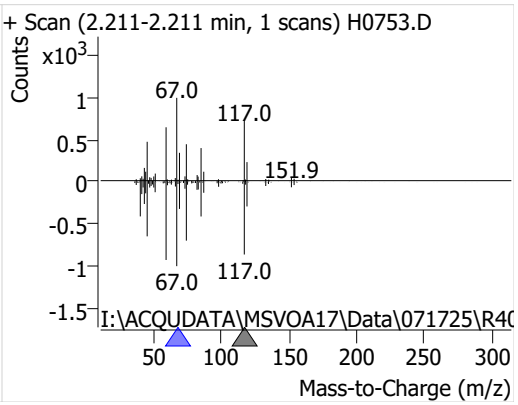




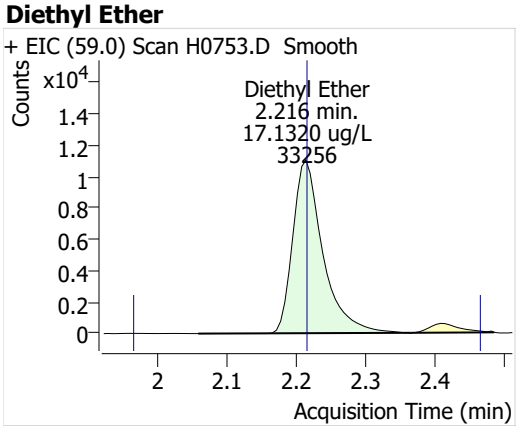
Freon 123a

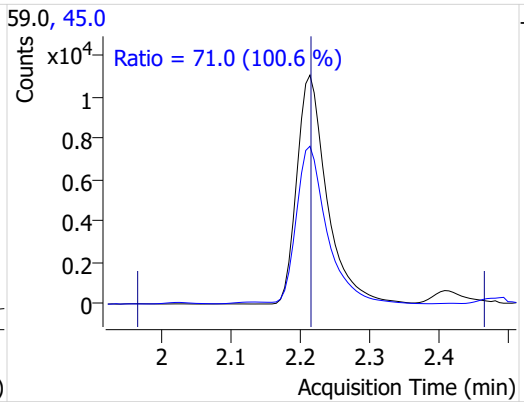


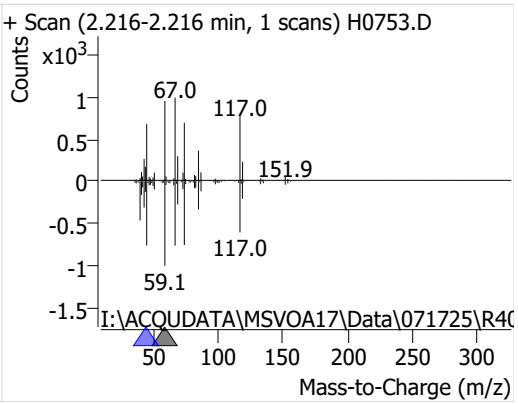




Diethyl Ether

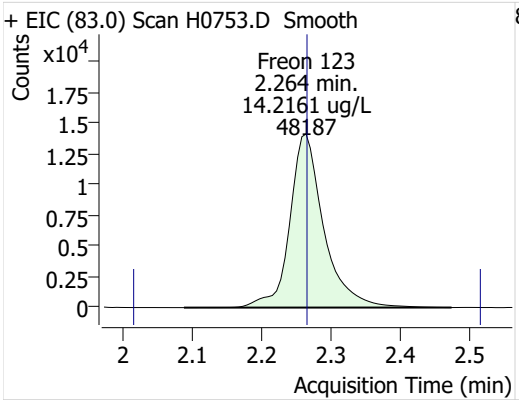


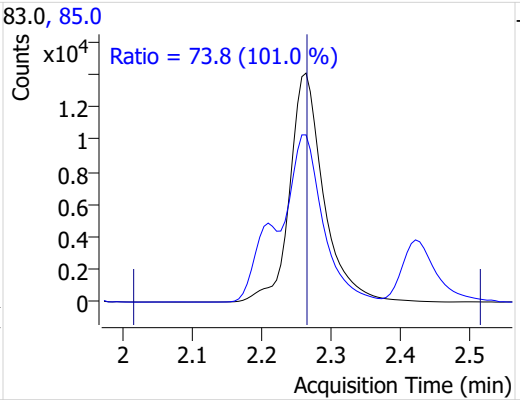


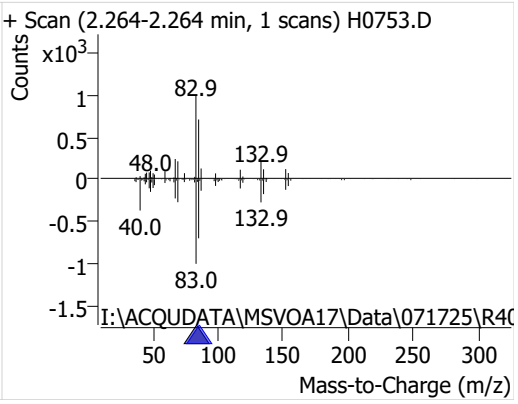


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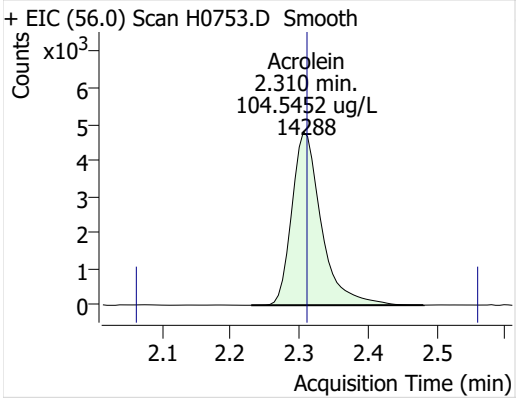
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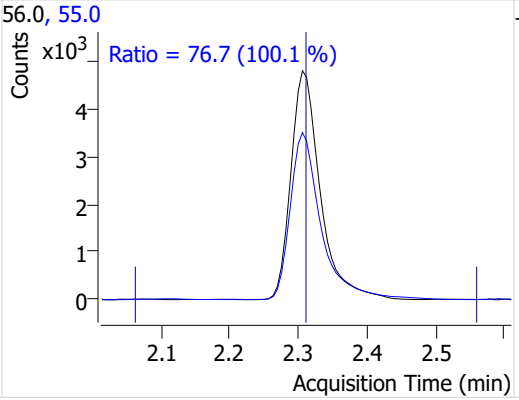


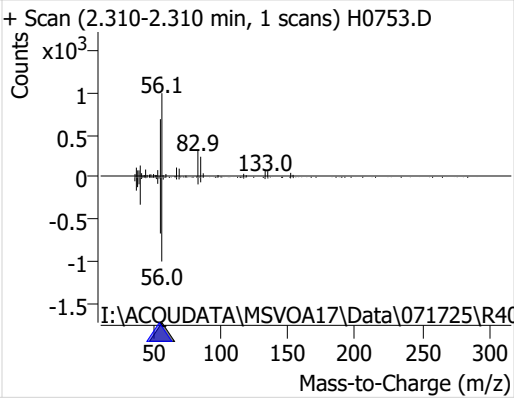




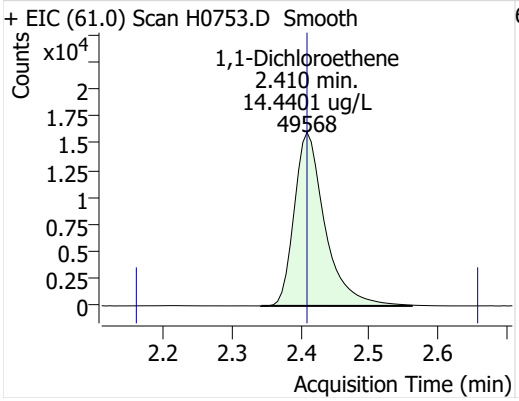
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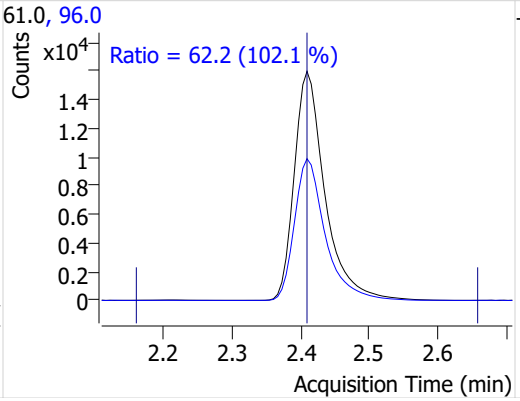


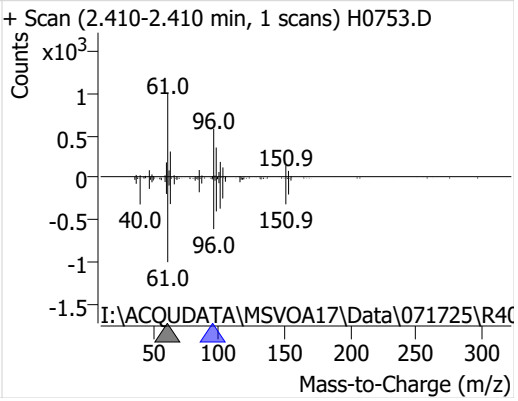




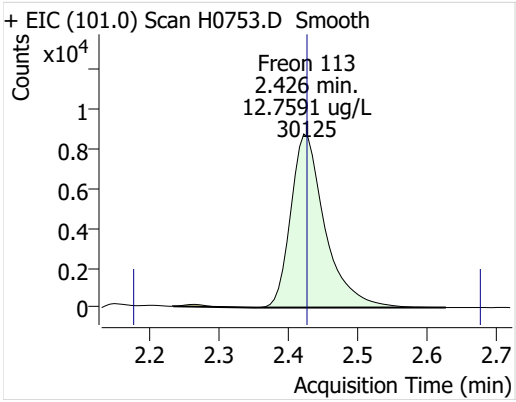
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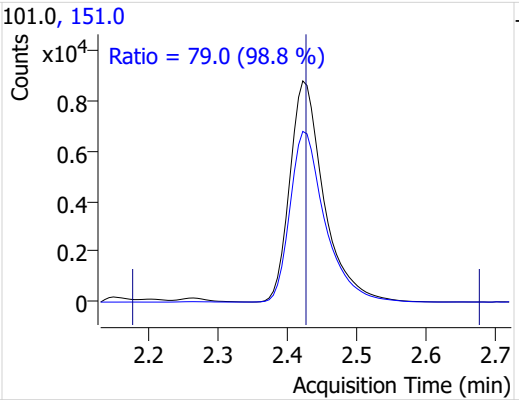


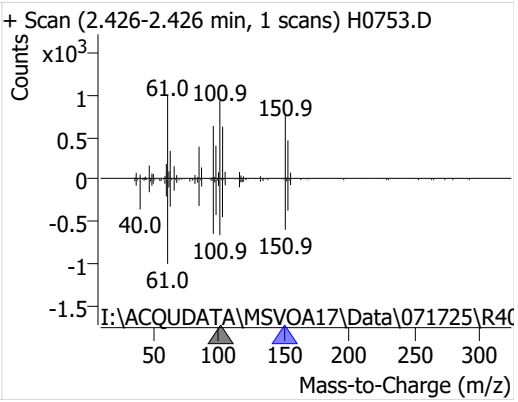




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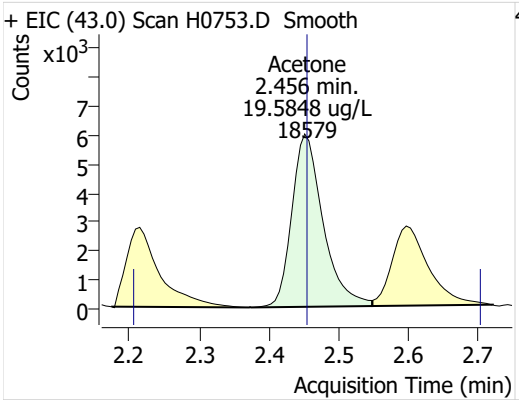


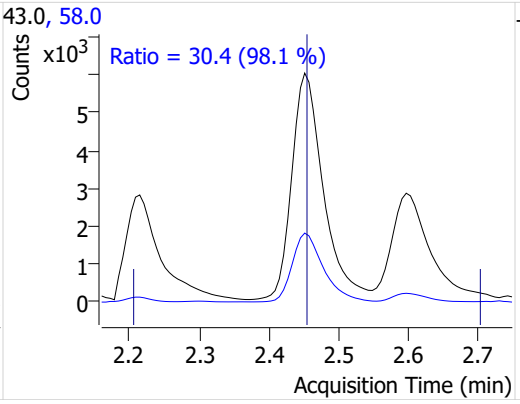


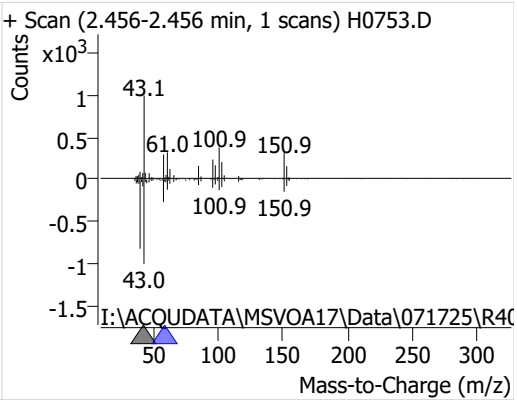


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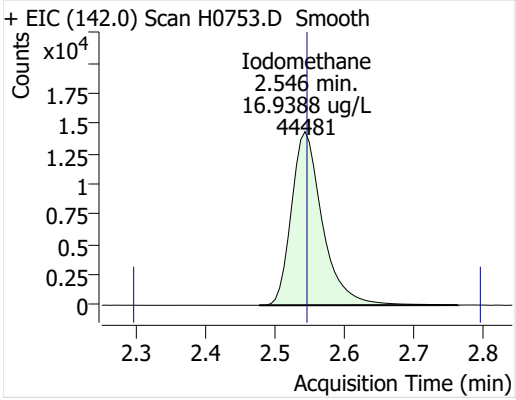
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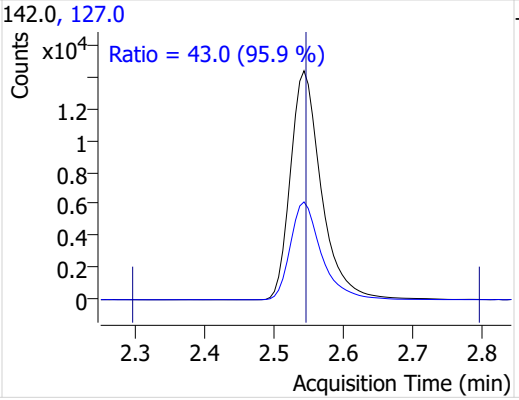


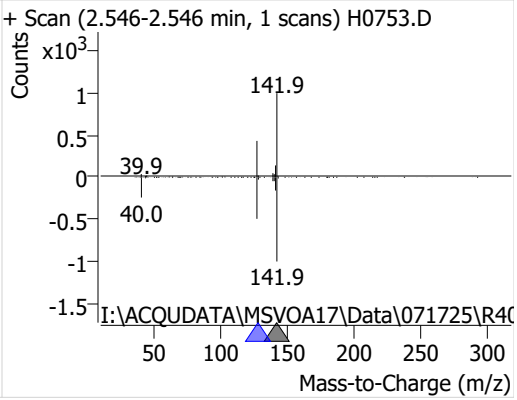




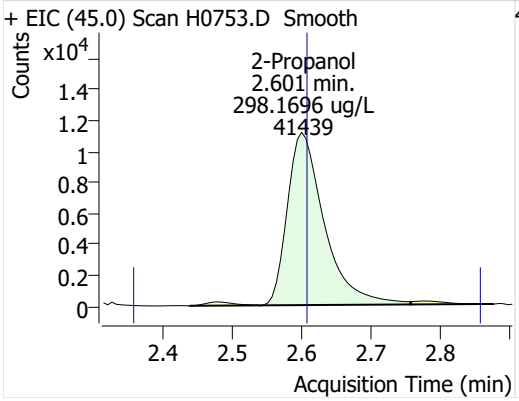
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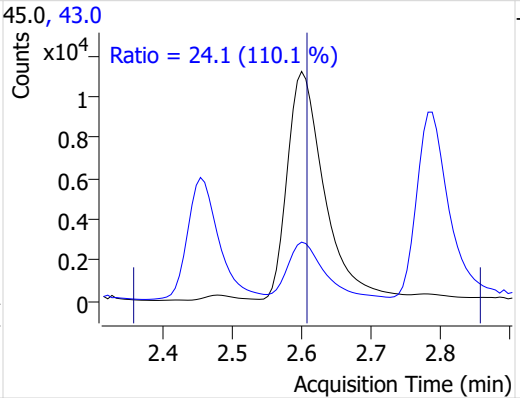


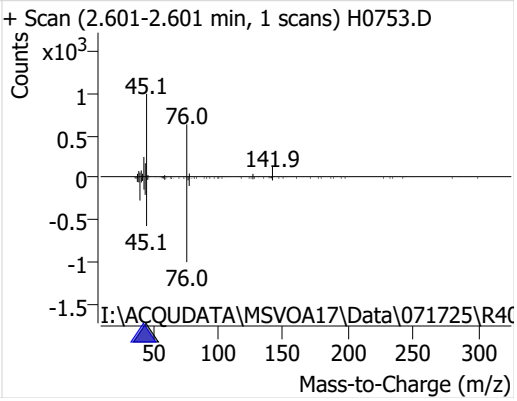




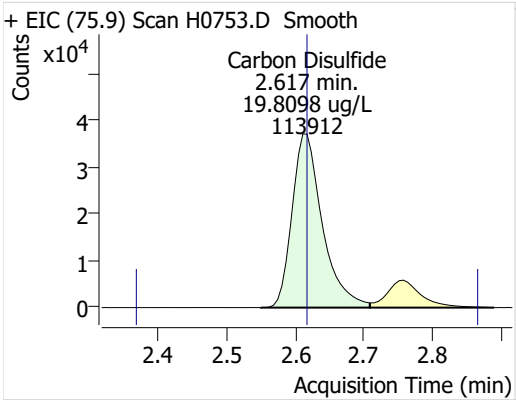
2-Propanol

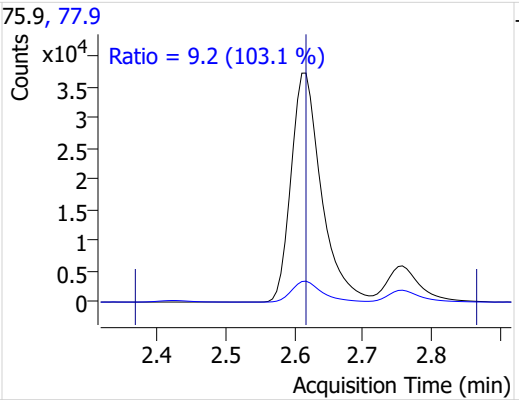


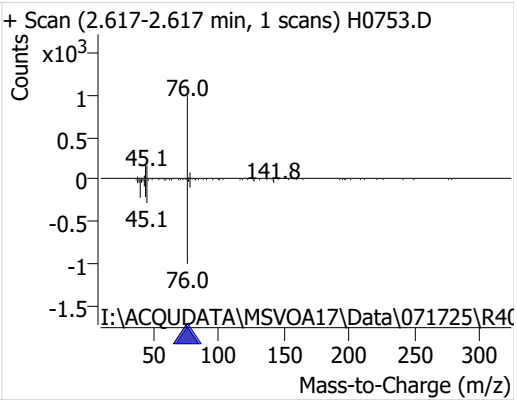




Carbon Disulfide

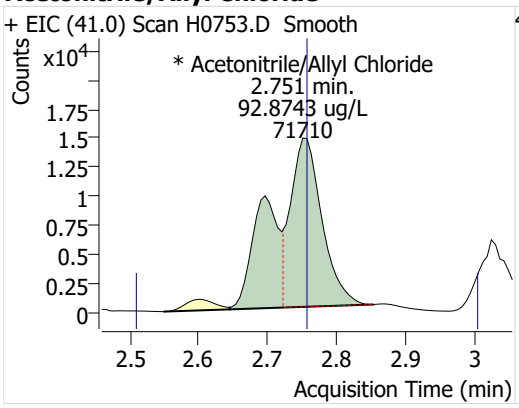


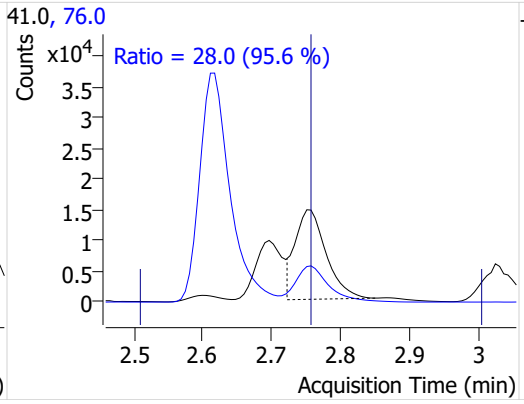


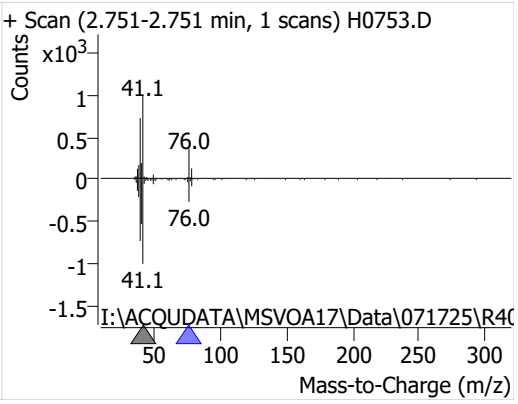


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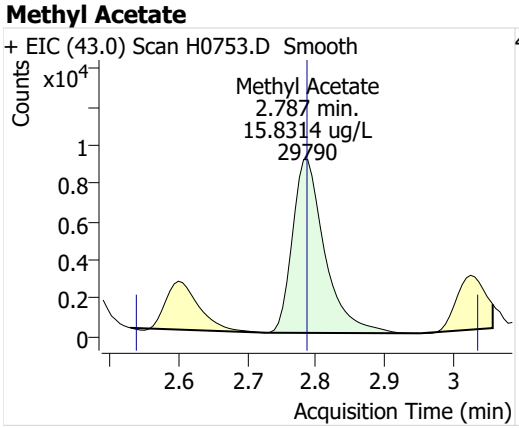
Acetonitrile/Allyl Chloride

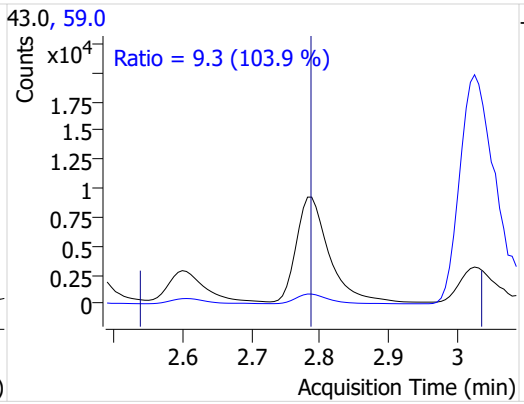


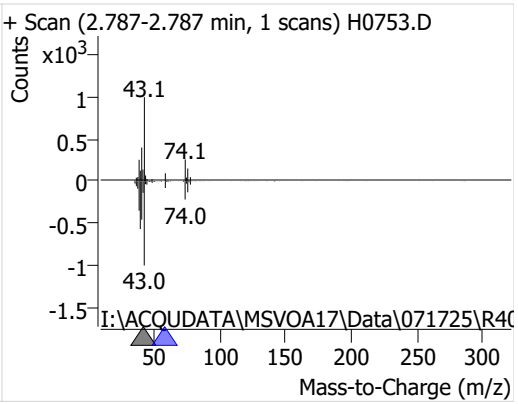




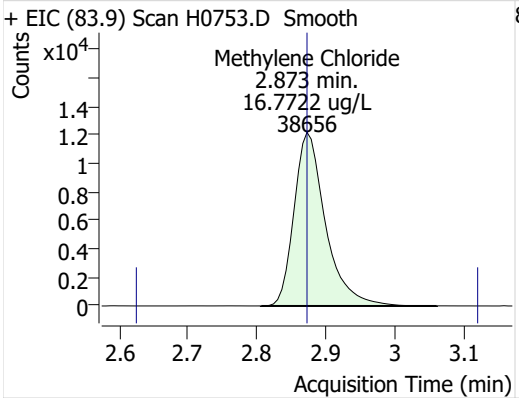
Methyl Acetate

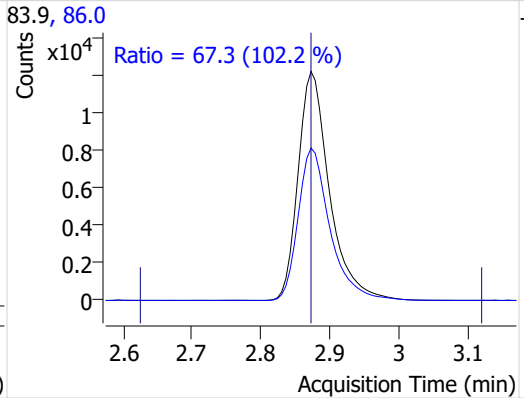


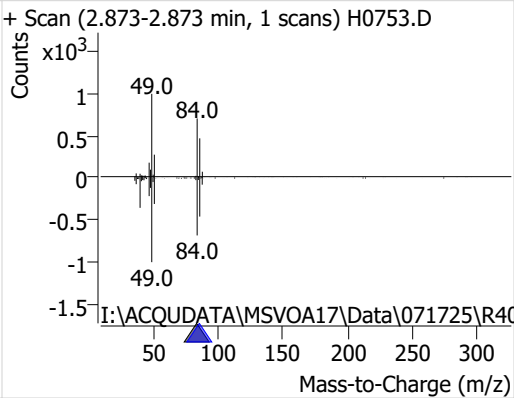




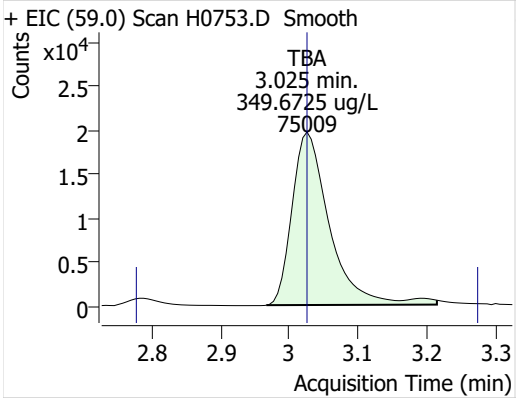
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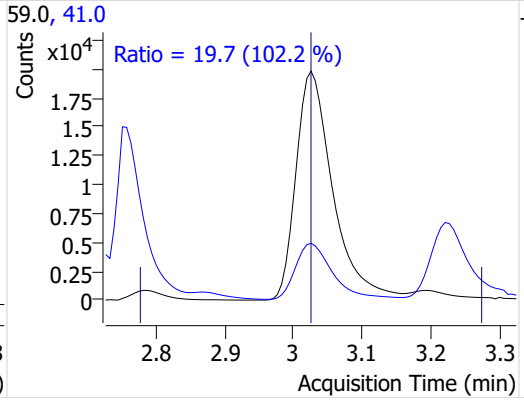


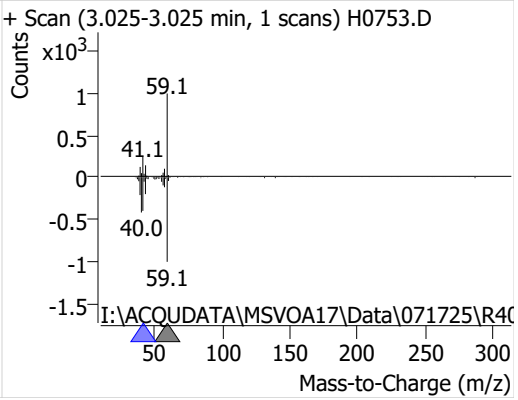




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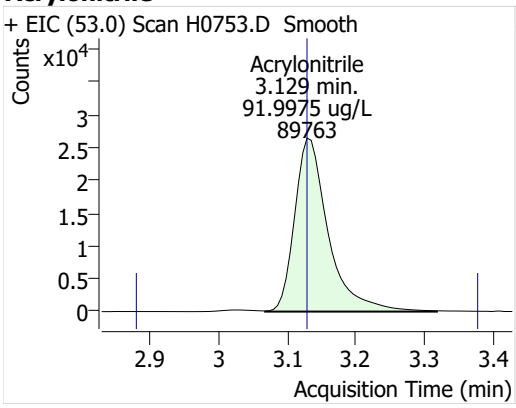


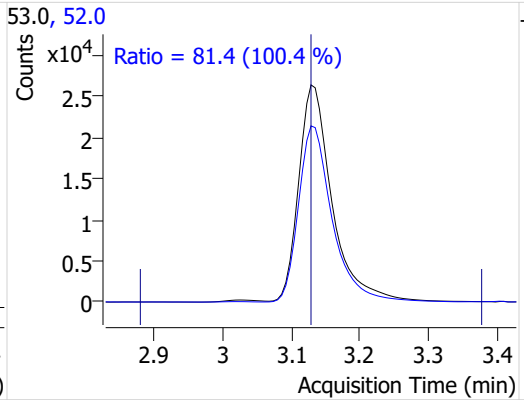


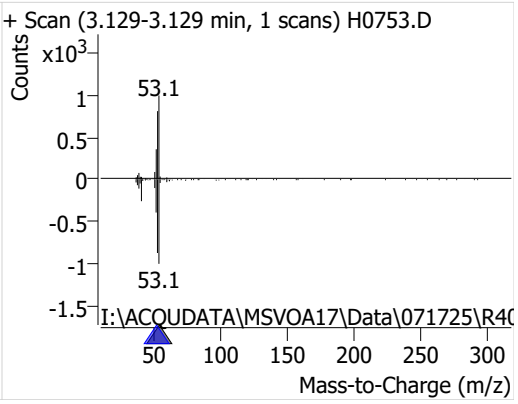


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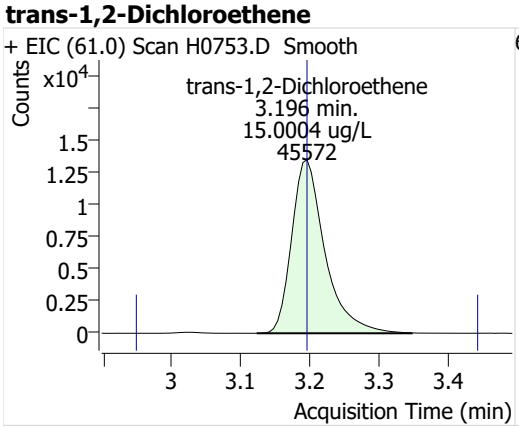
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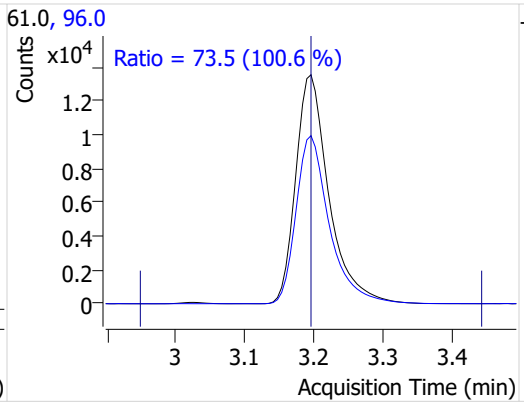


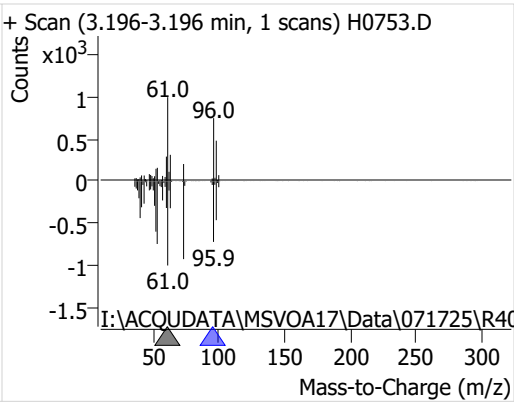




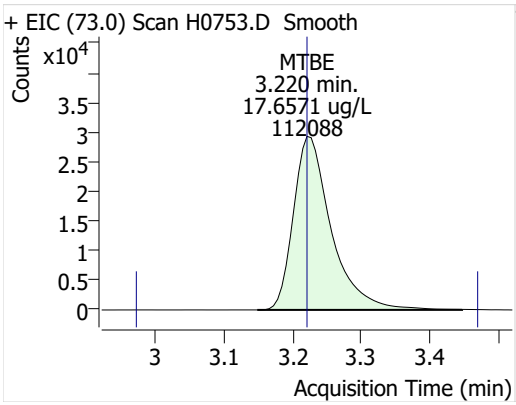
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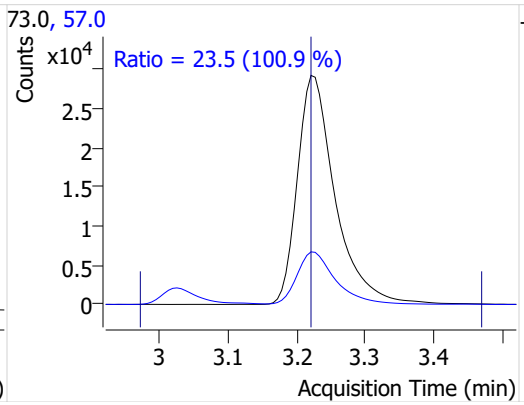


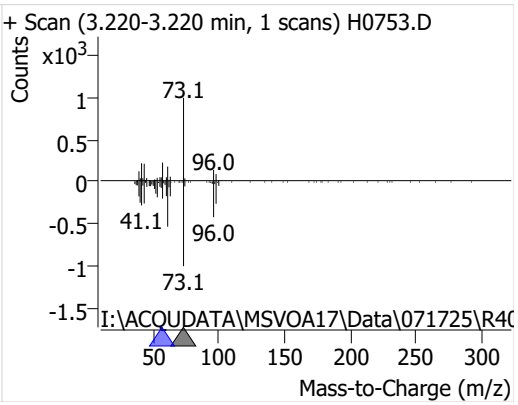




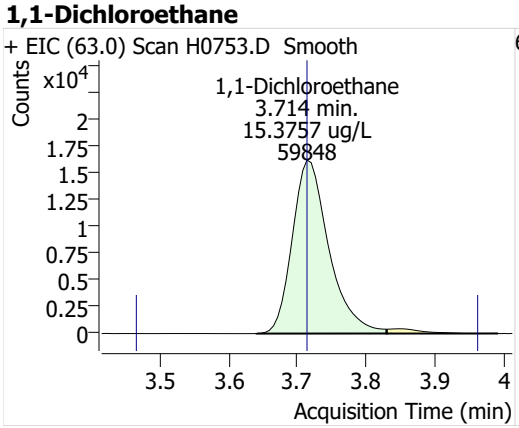
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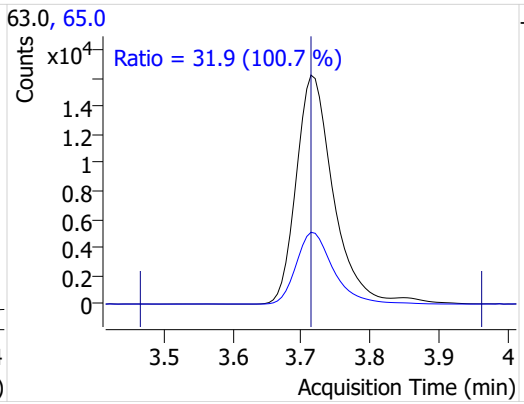


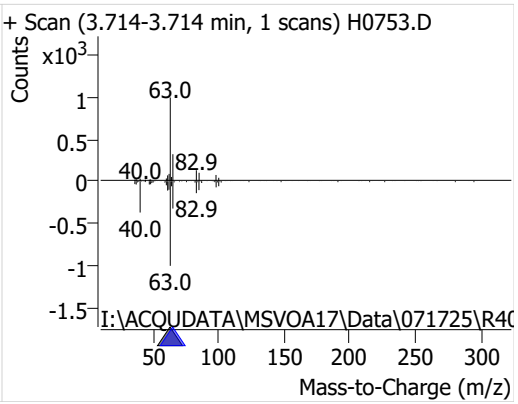




1,1-Dichloroethane

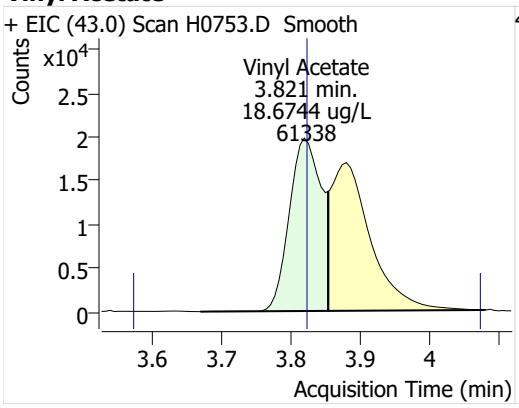


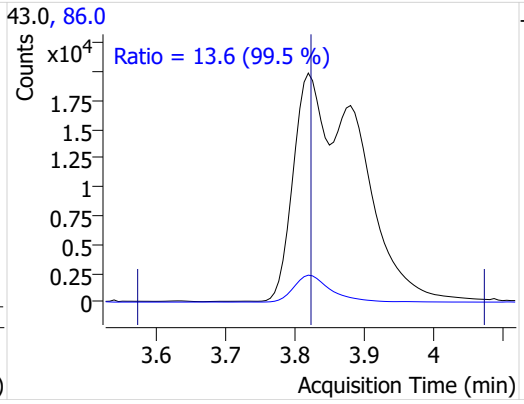


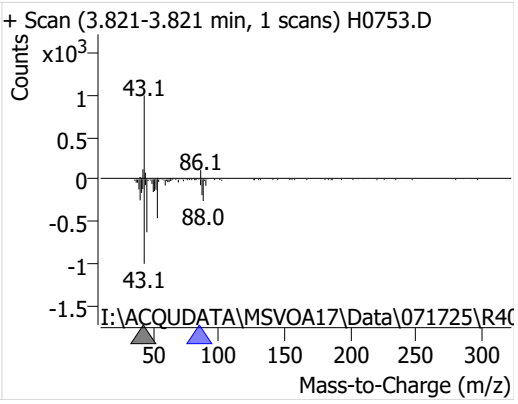


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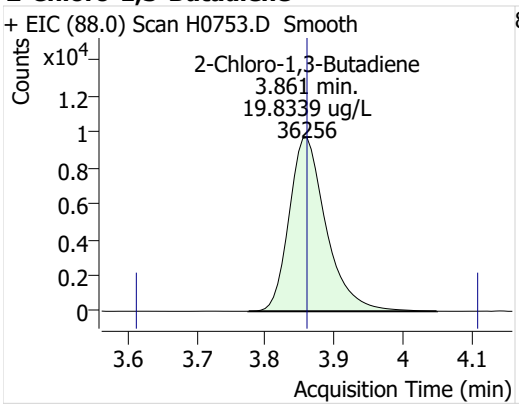
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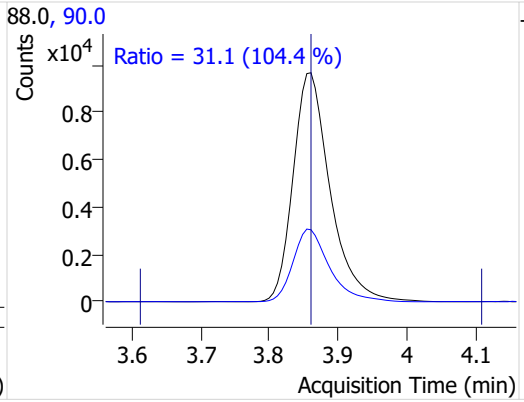


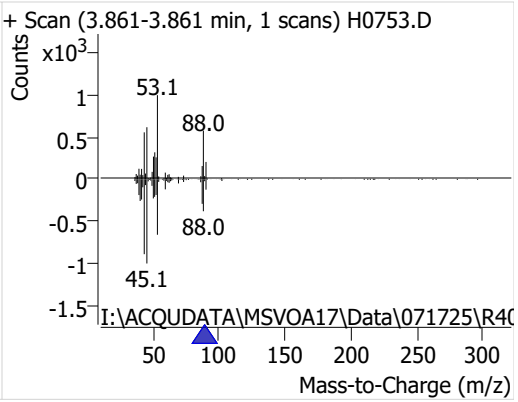




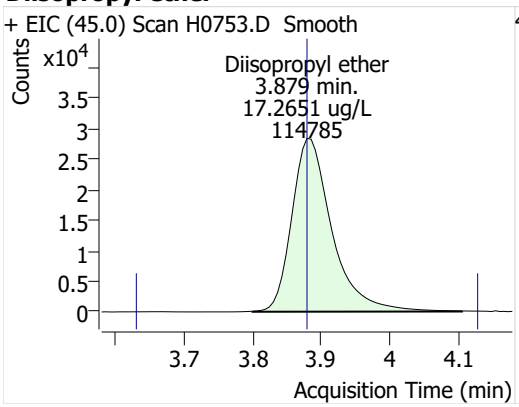
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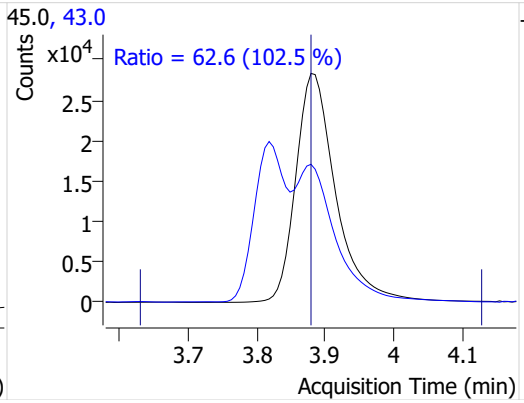


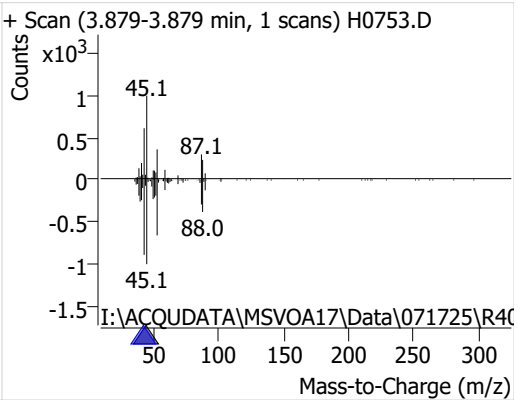




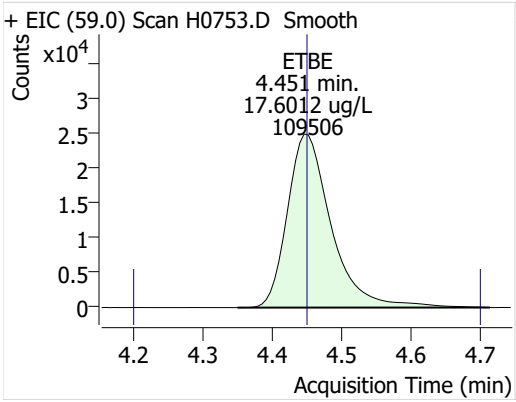
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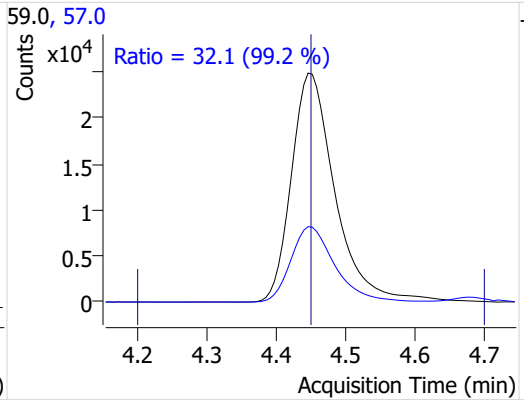


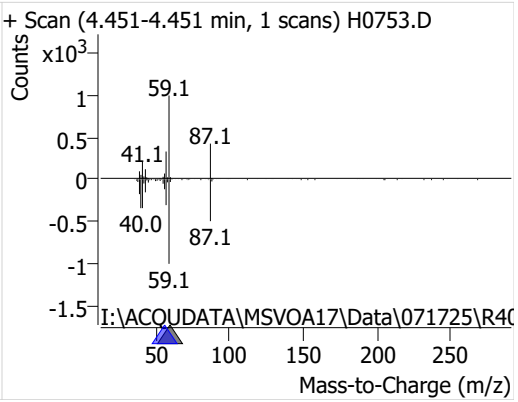




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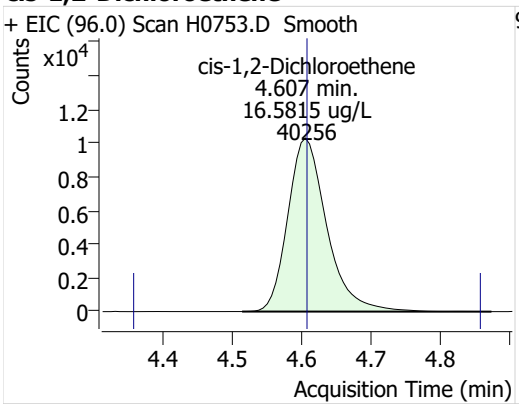


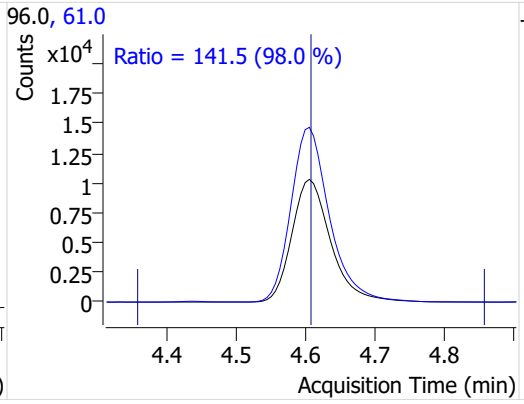


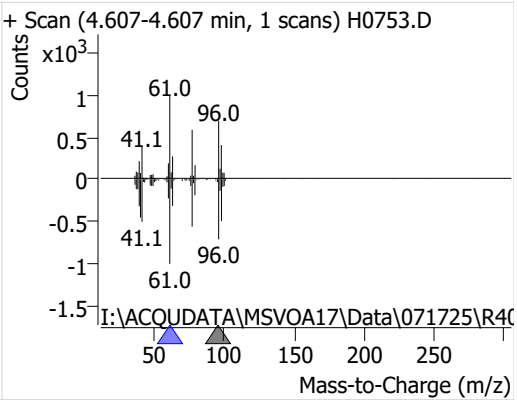


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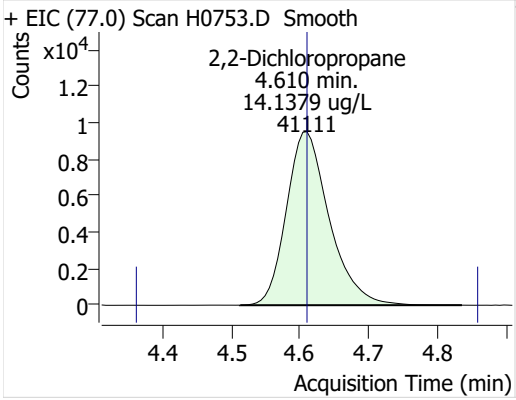
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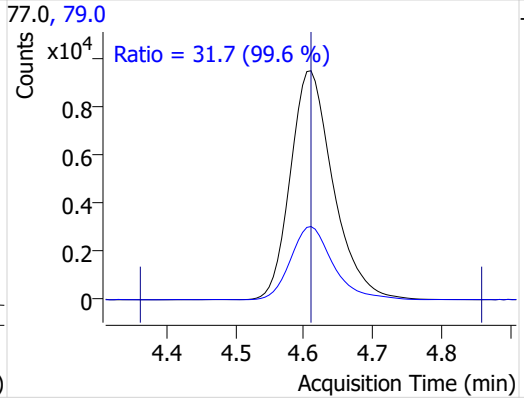


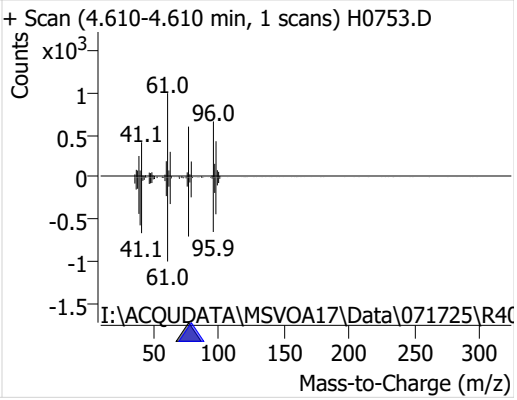




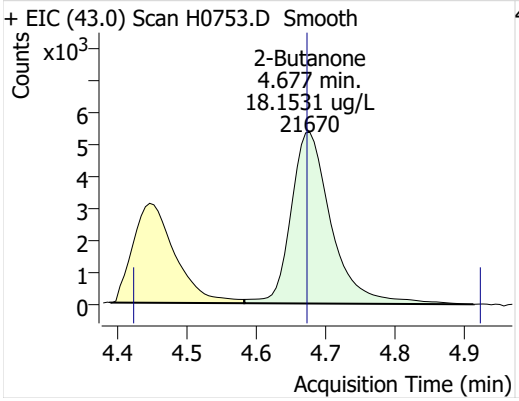
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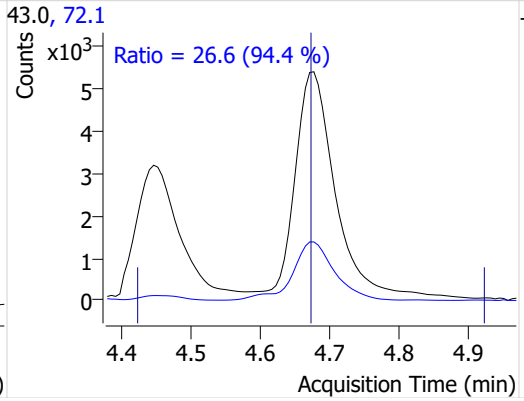


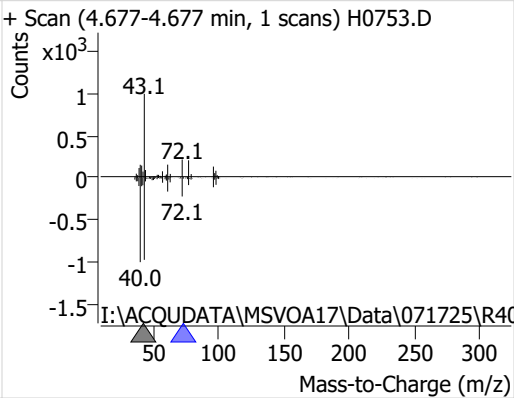




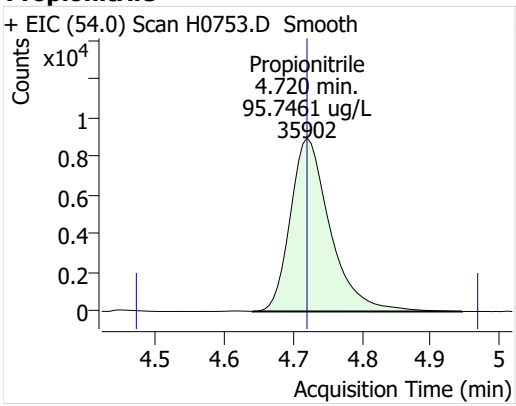
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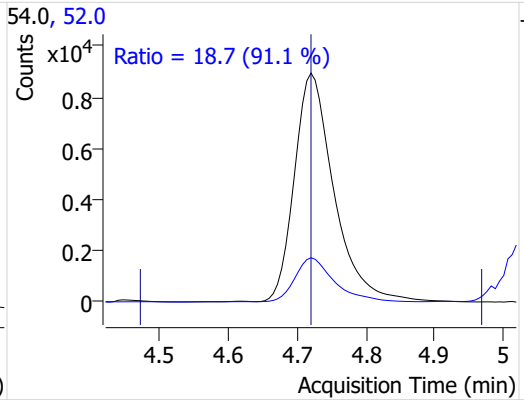


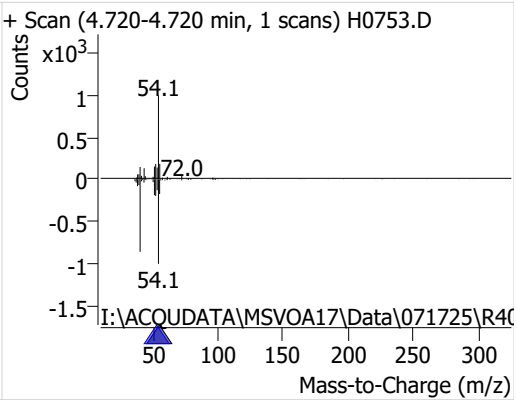




Propionitrile

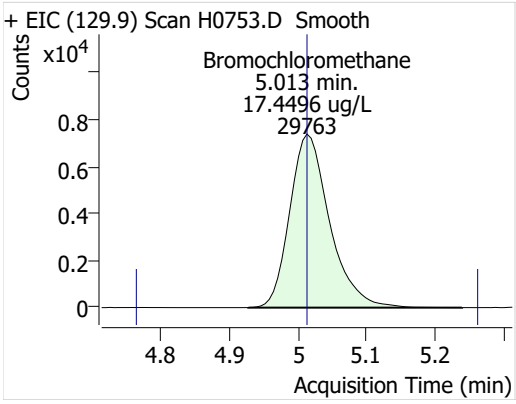


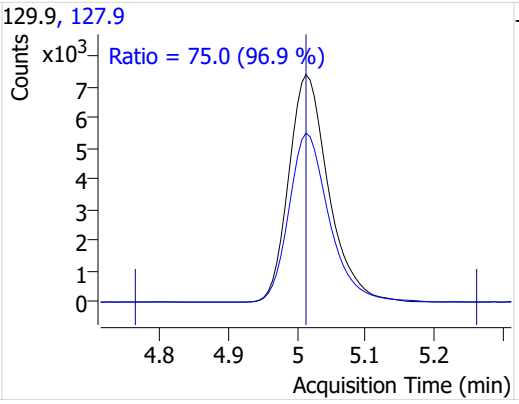


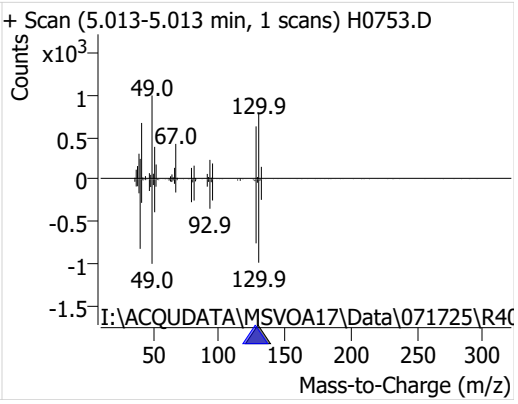


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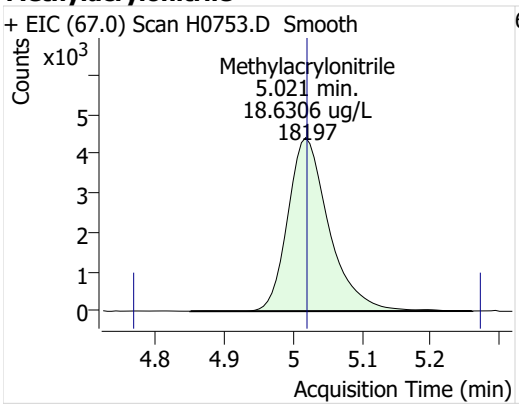
Bromochloromethane

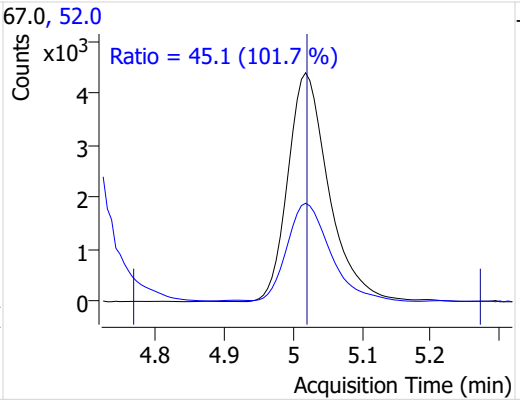


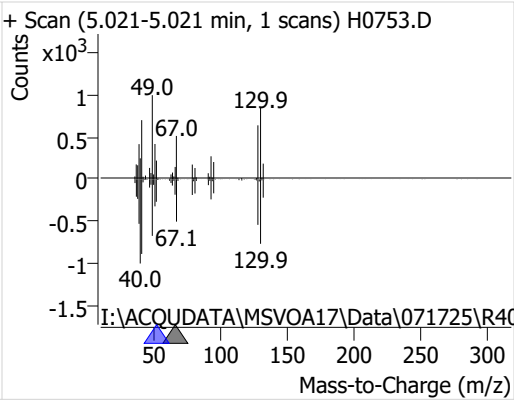




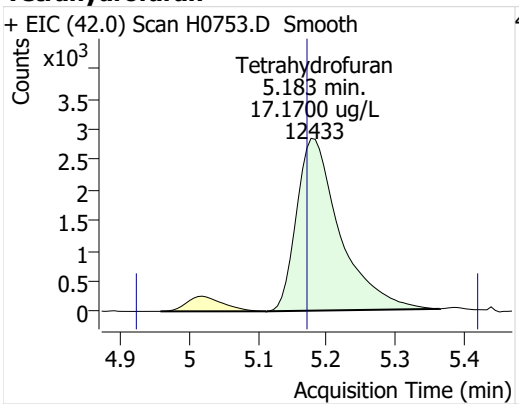
Methylacrylonitrile

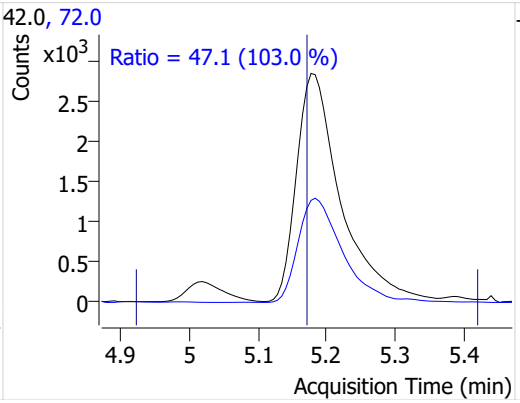


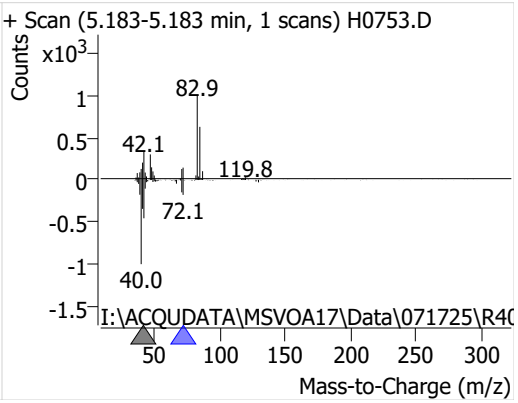




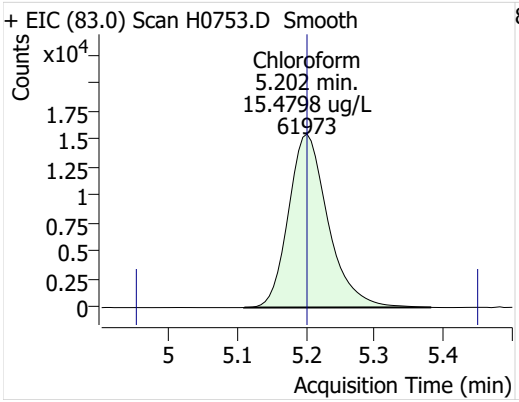
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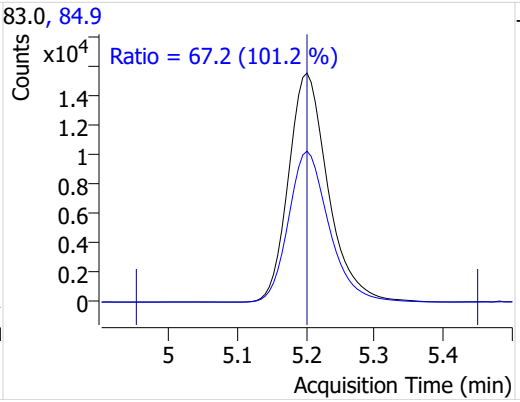


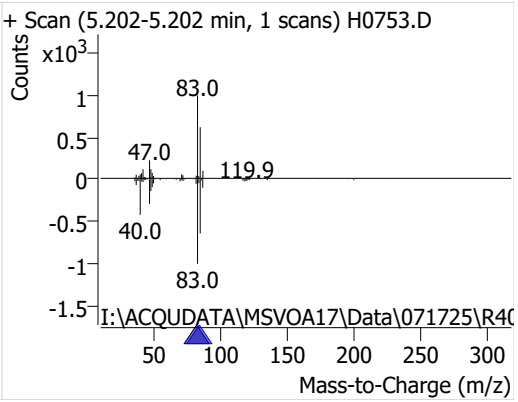




Chloroform

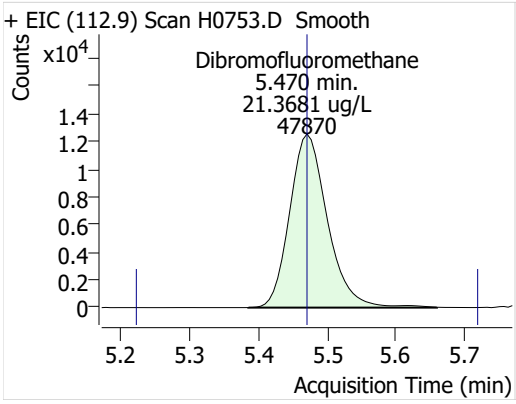


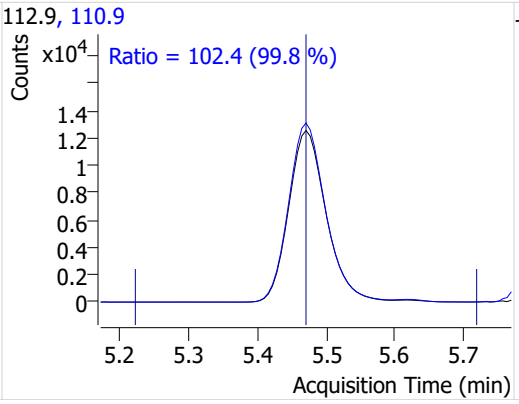


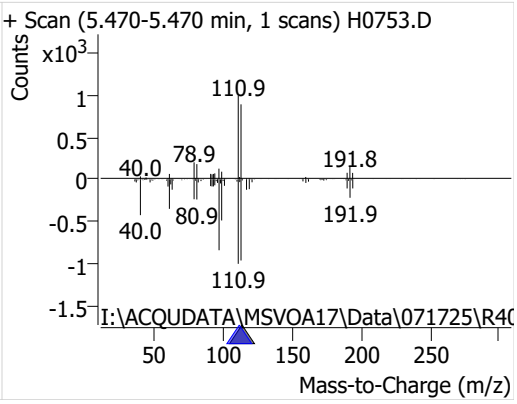


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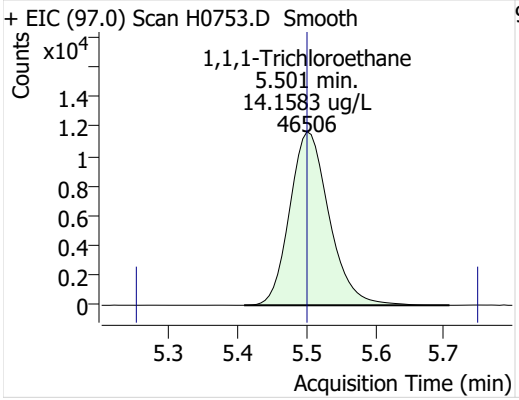
Dibromofluoromethane

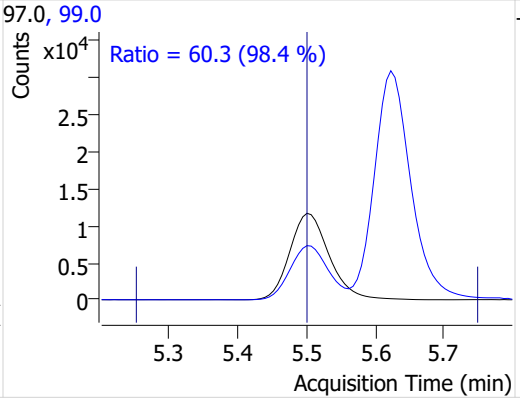


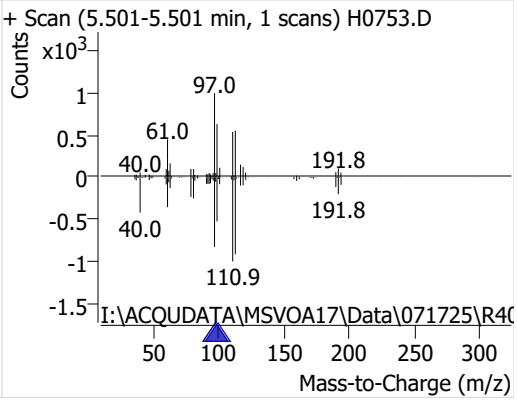




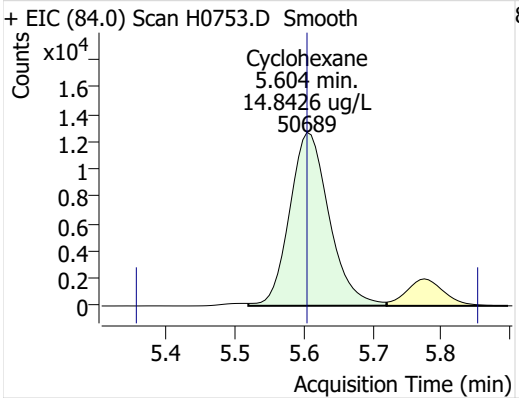
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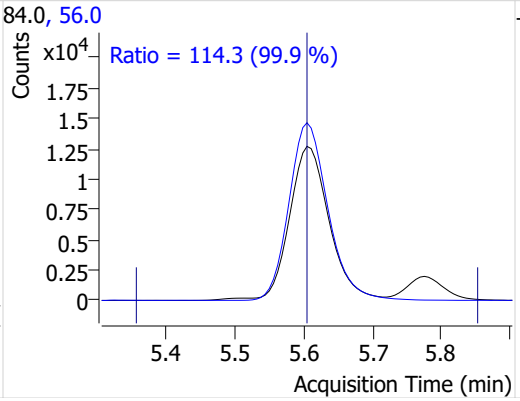


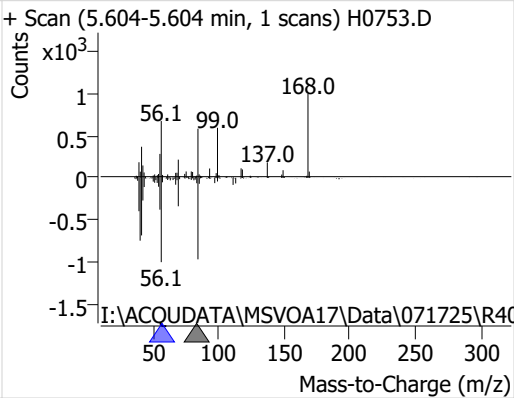




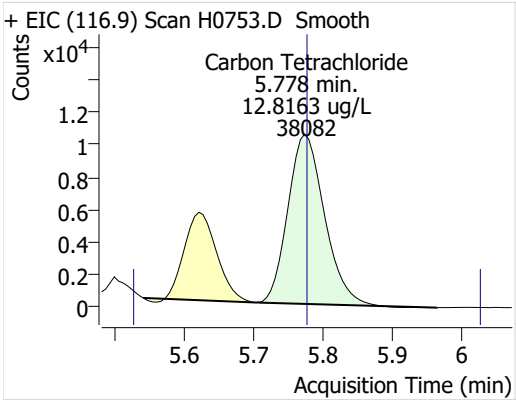
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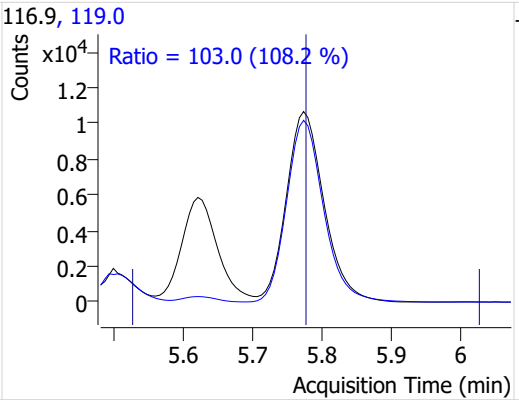


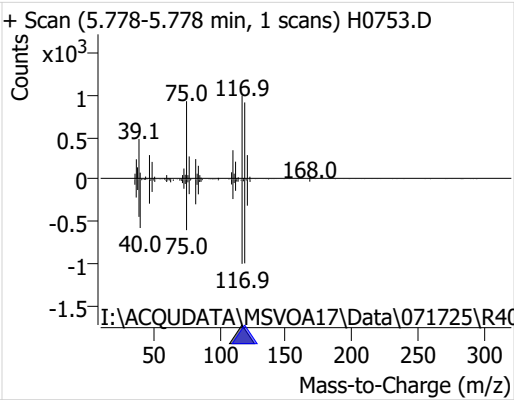




Carbon Tetrachloride

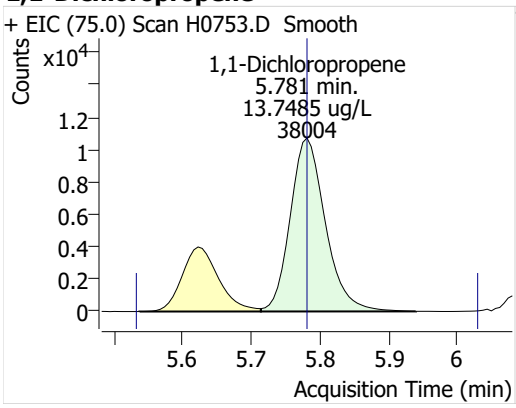


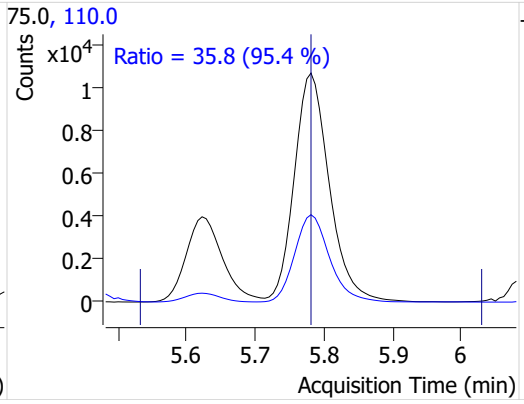


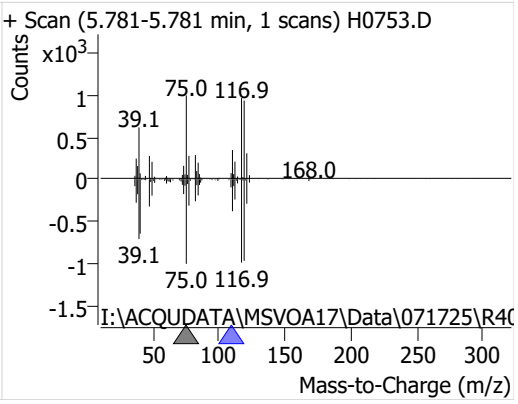


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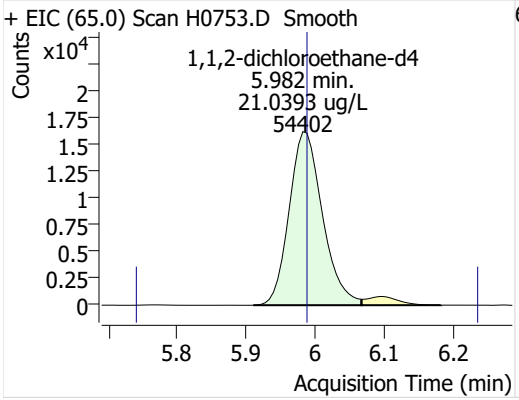
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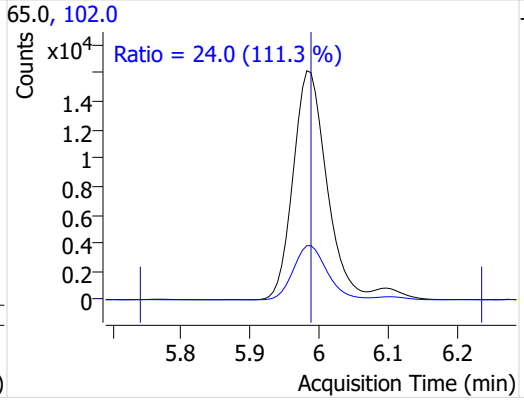


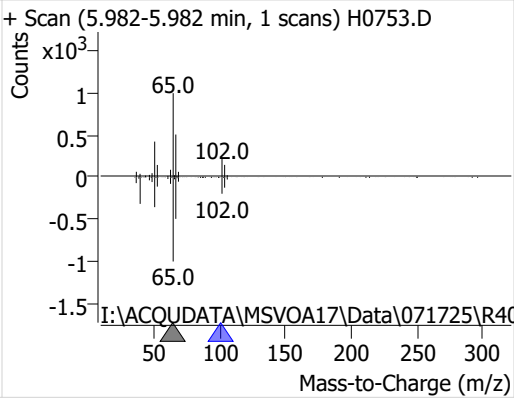




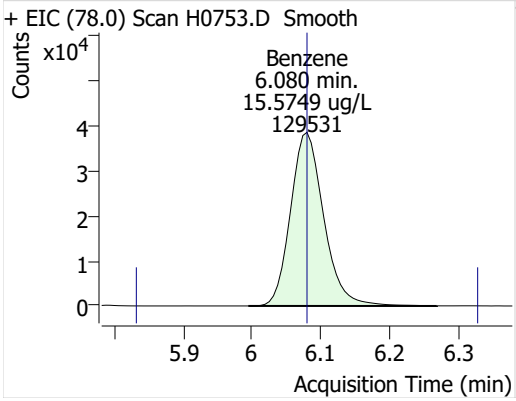
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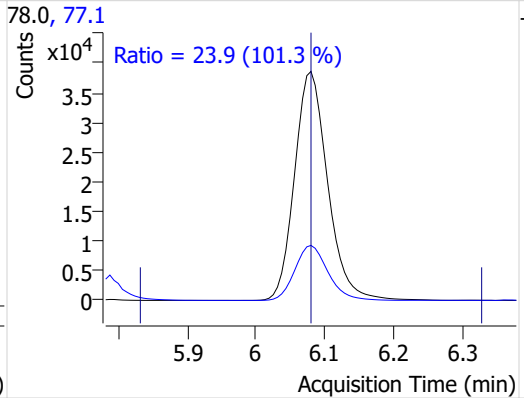


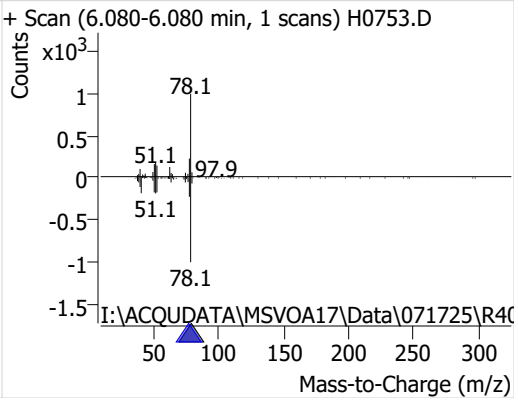




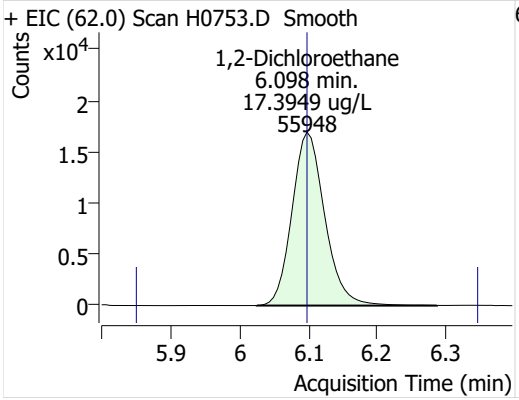
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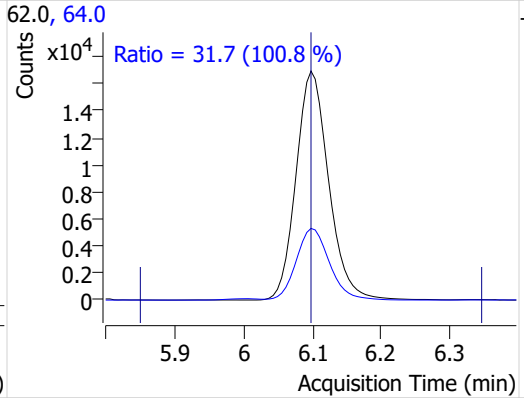


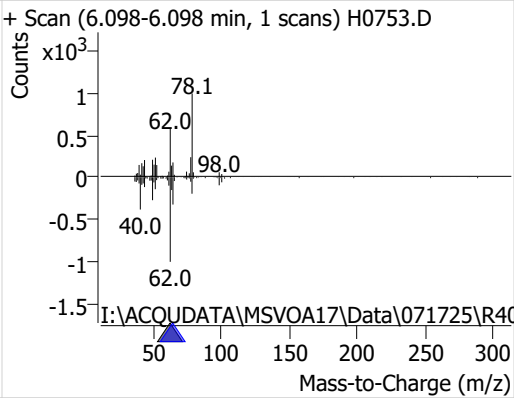




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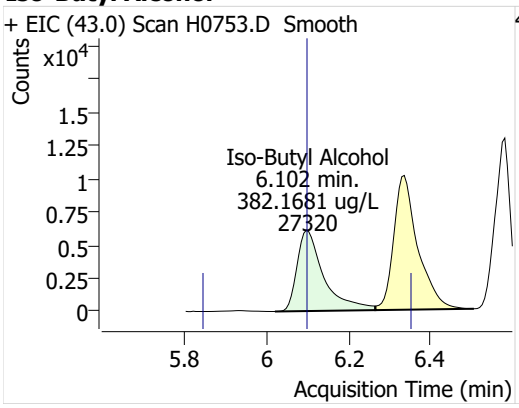


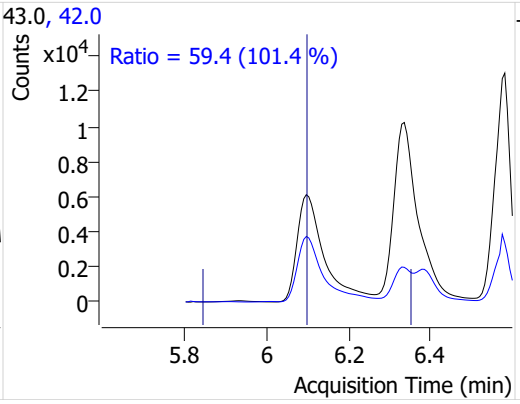


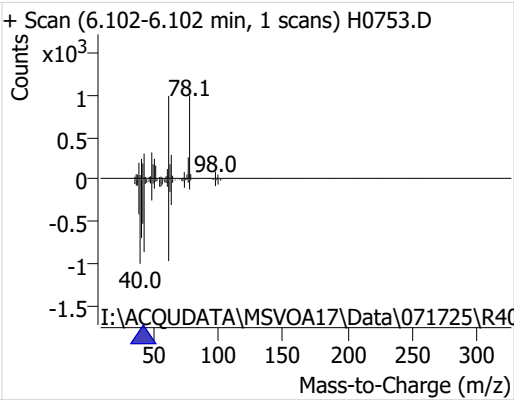


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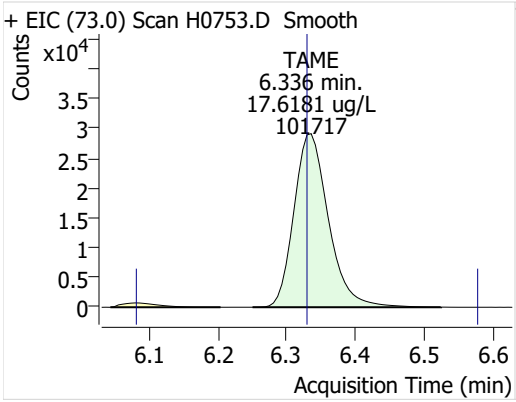
Iso-Butyl Alcohol

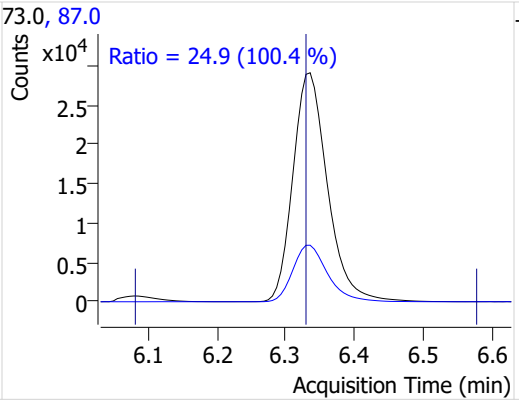


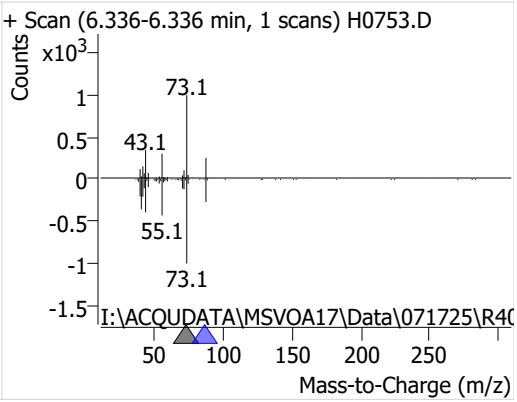




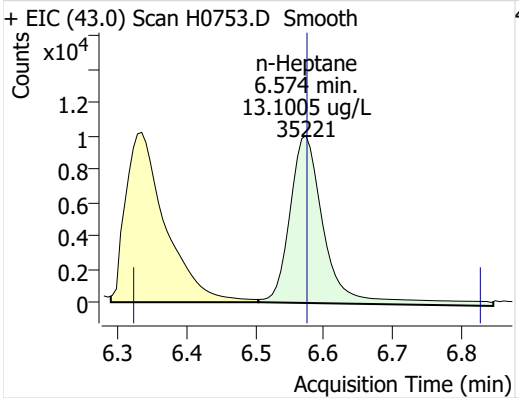
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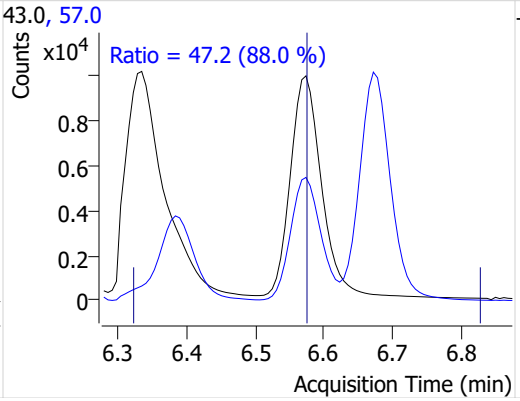


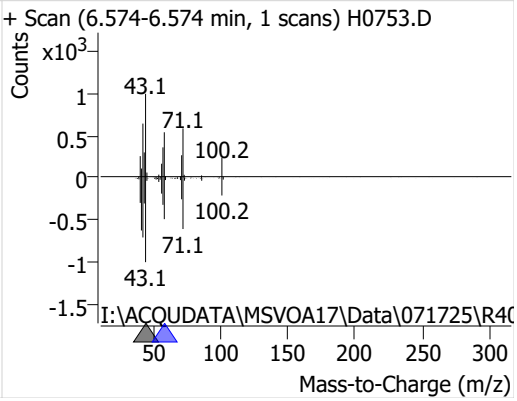




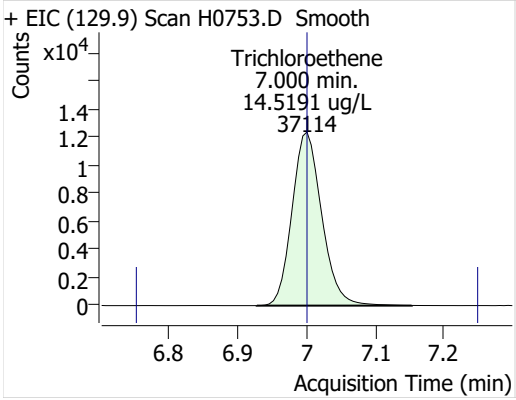
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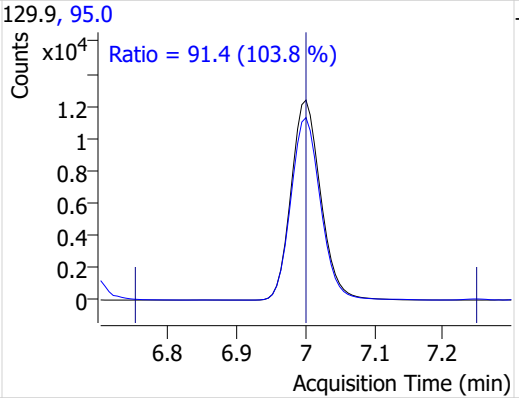


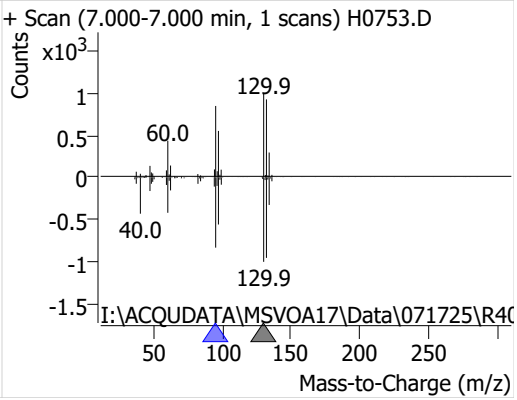




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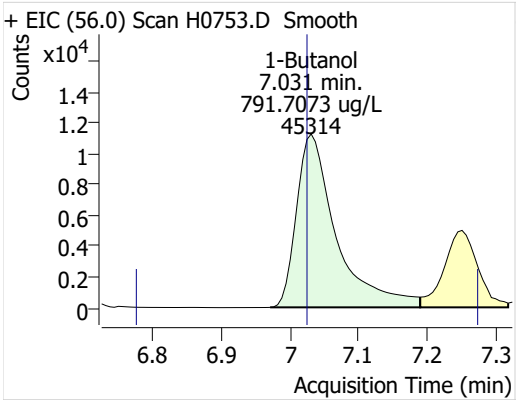


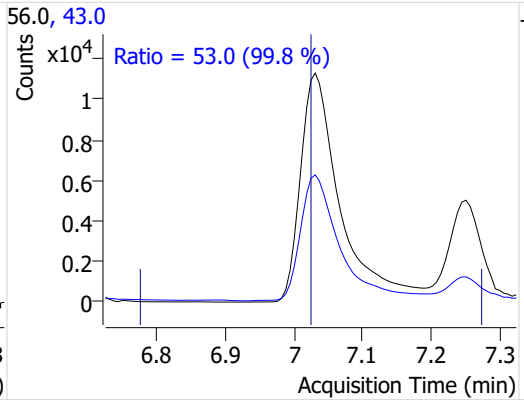


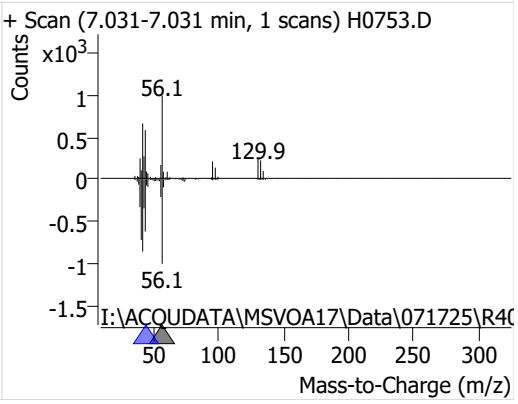


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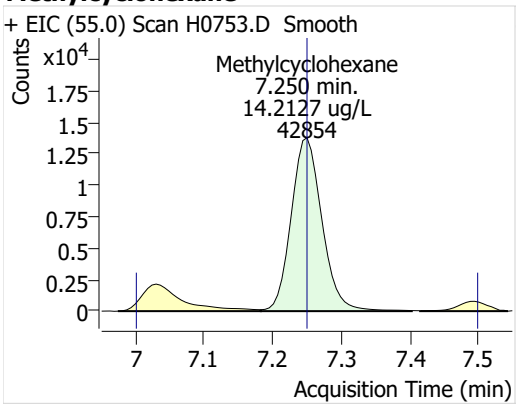
1-Butanol

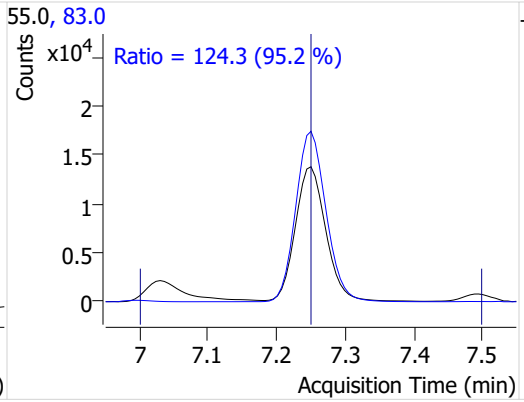


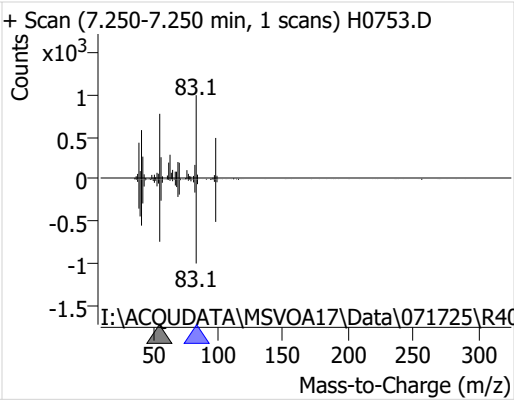




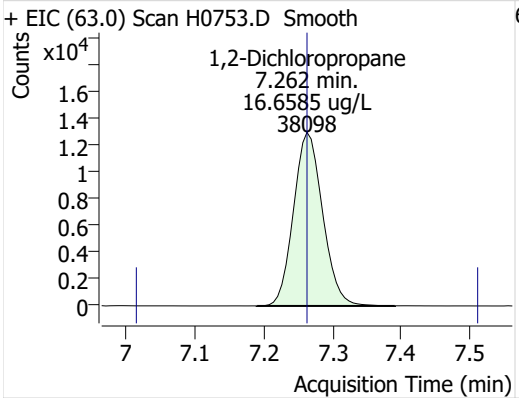
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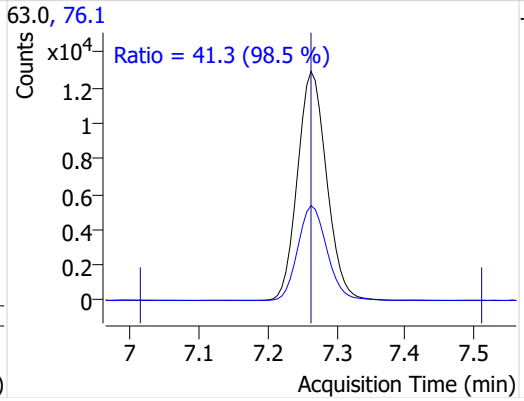


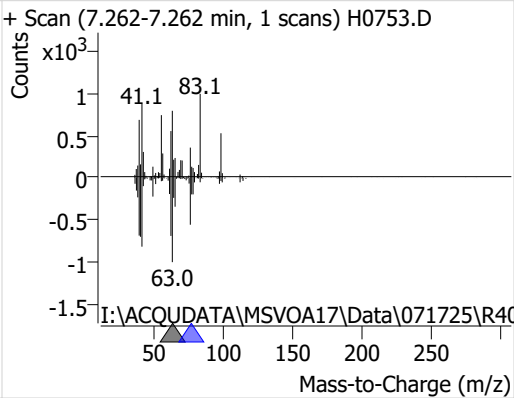




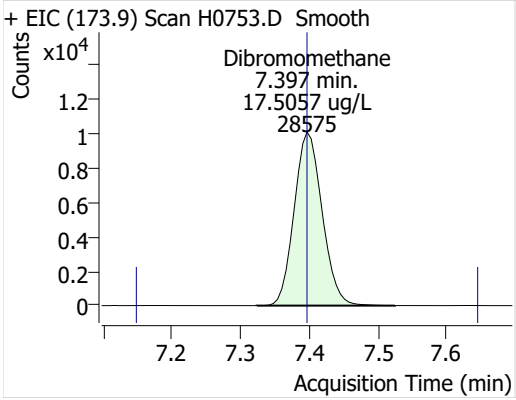
1,2-Dichloropropane

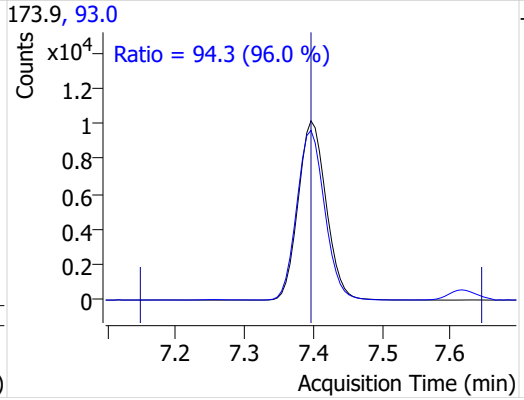


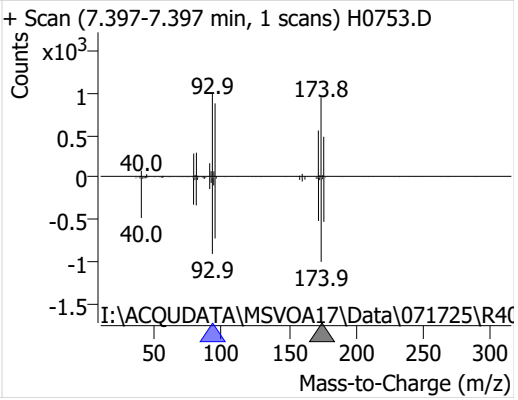




Dibromomethane

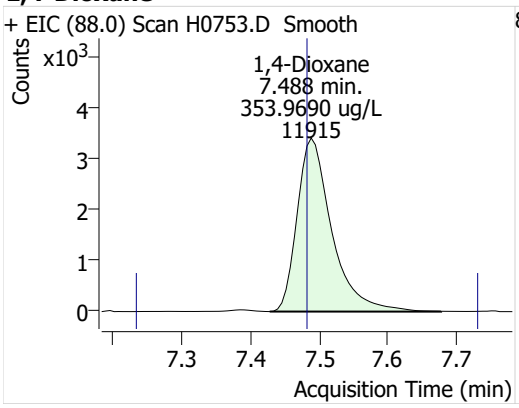


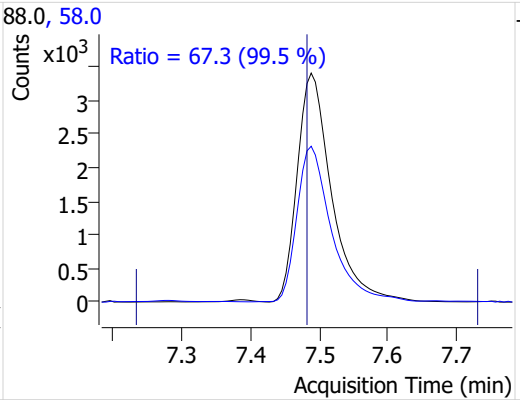


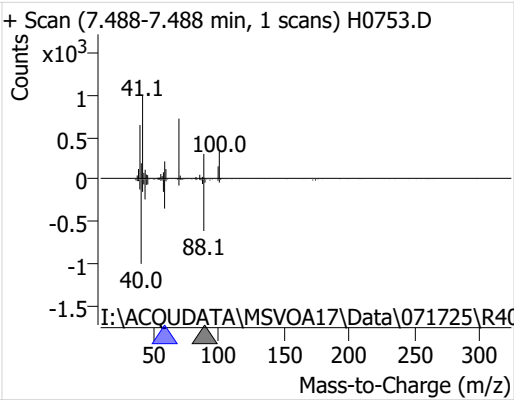


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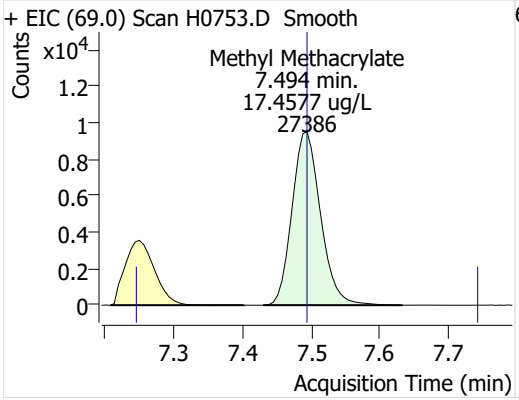
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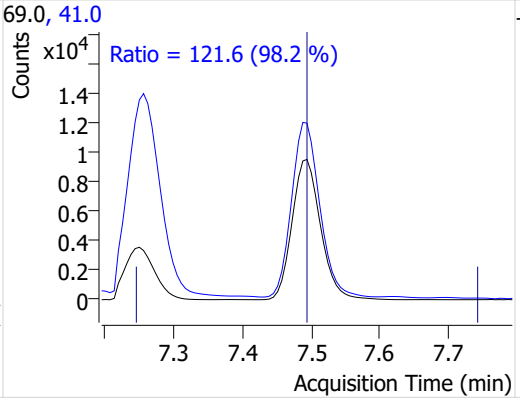


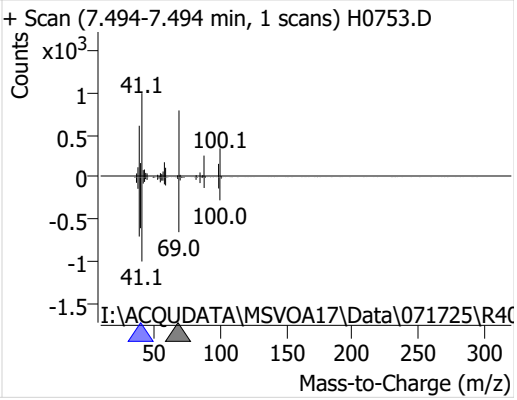




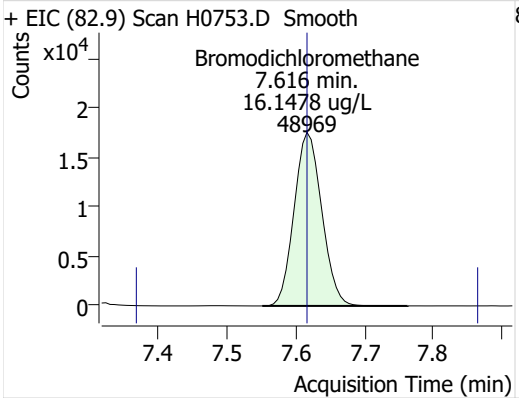
Methyl Methacrylate

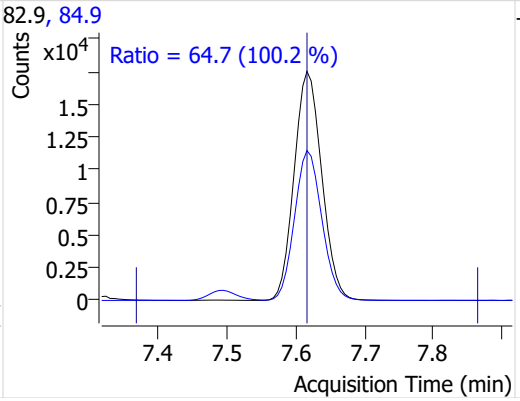


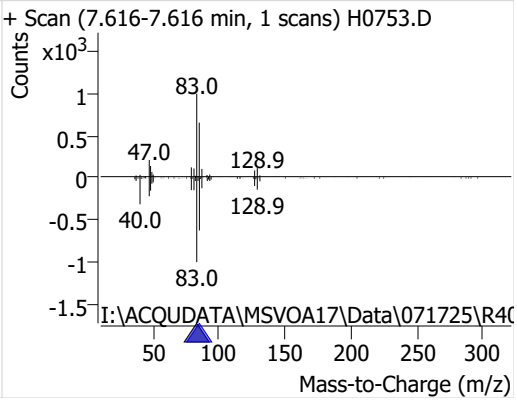




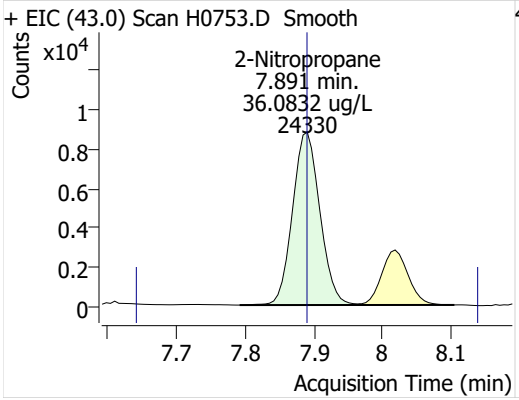
Bromodichloromethane

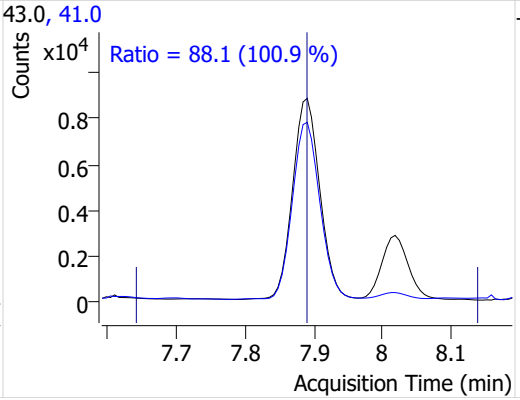


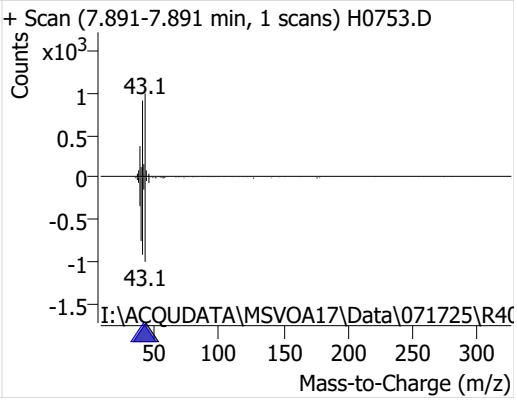




2-Nitropropane

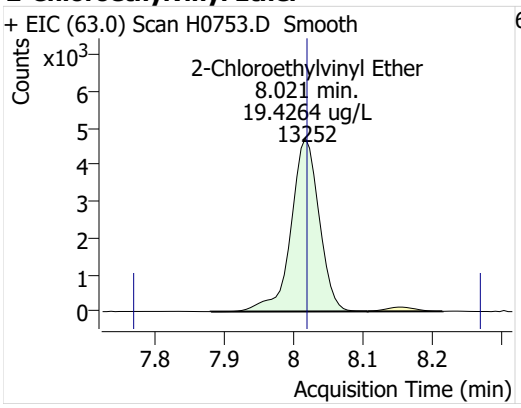


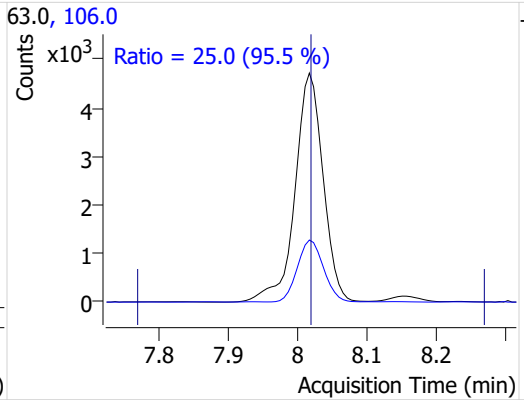


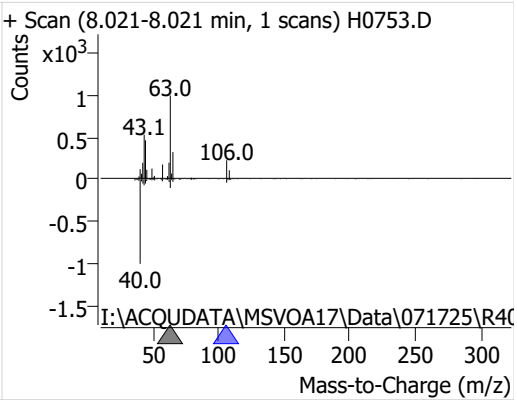


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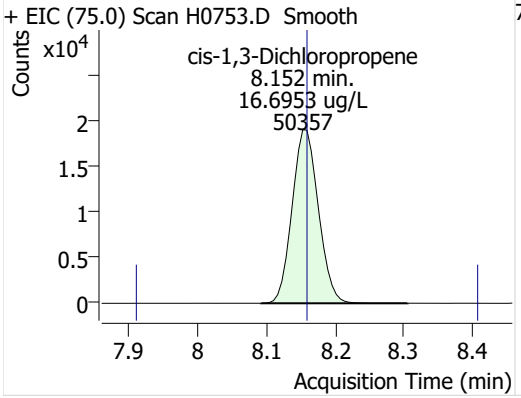
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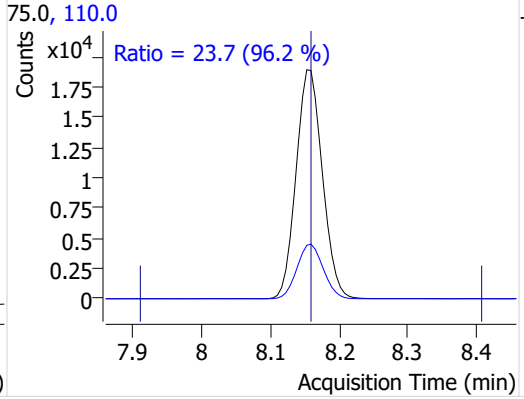


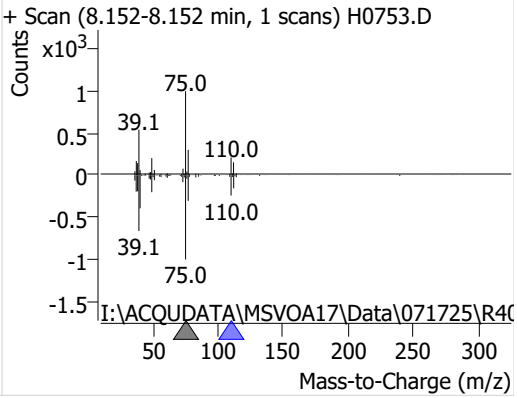




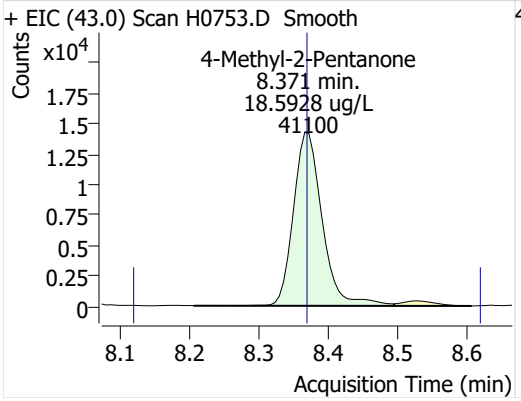
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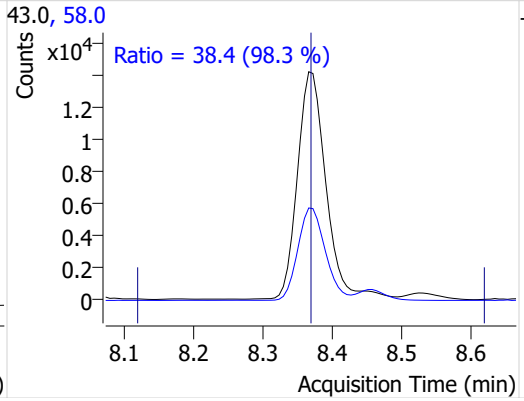


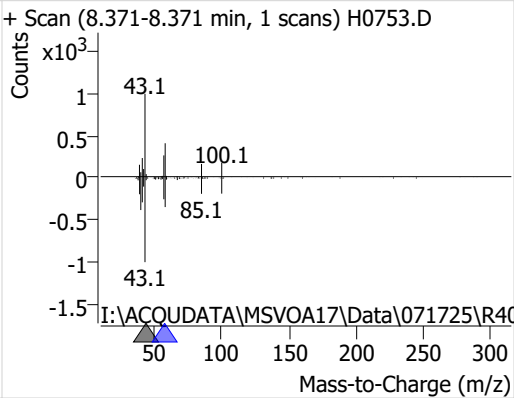




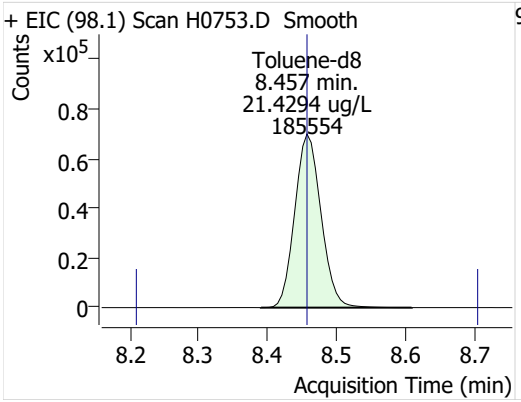
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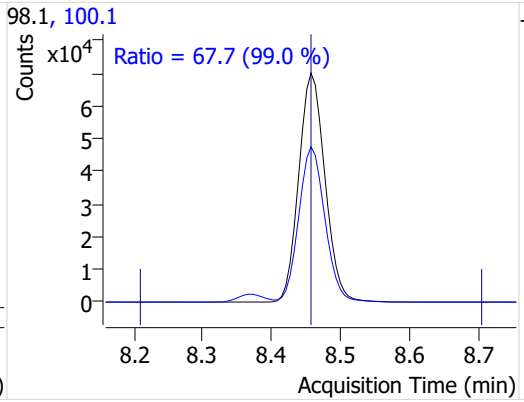


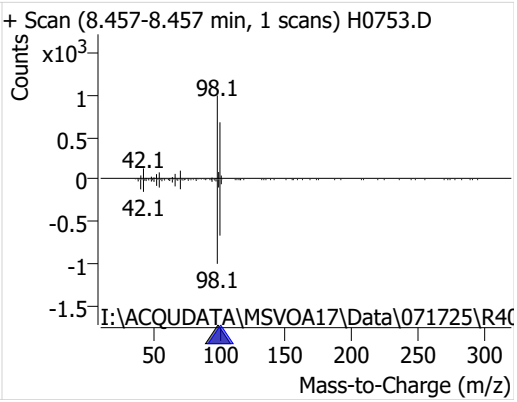




Toluene-d8

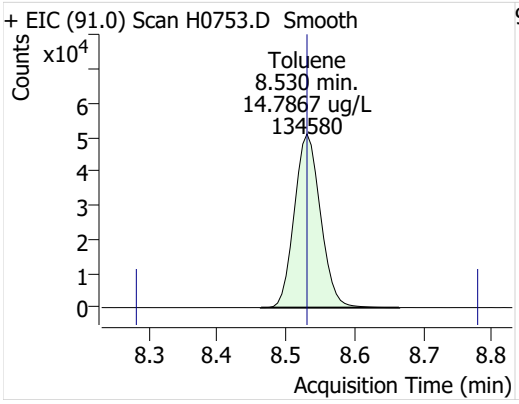


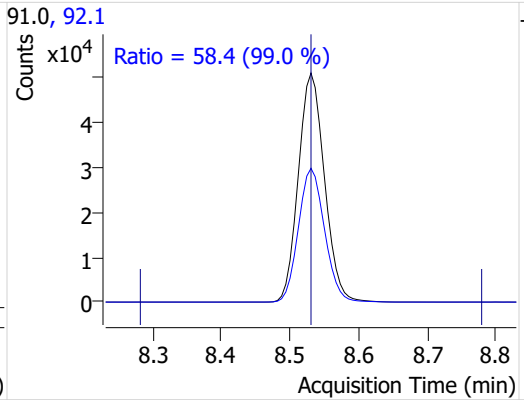


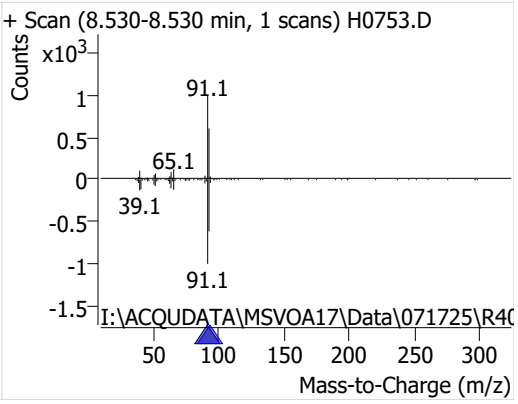


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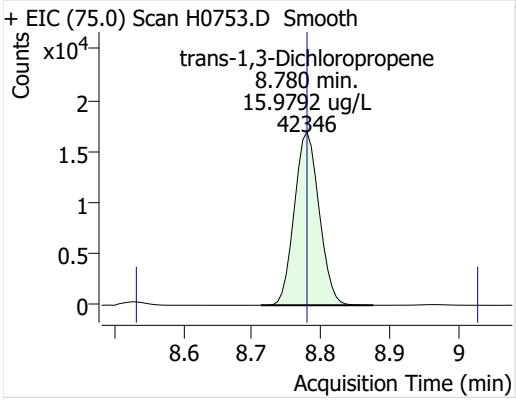
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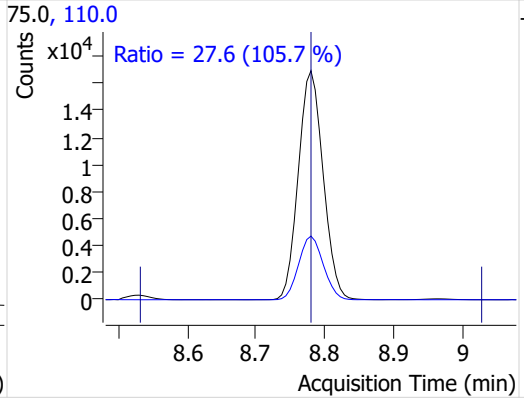


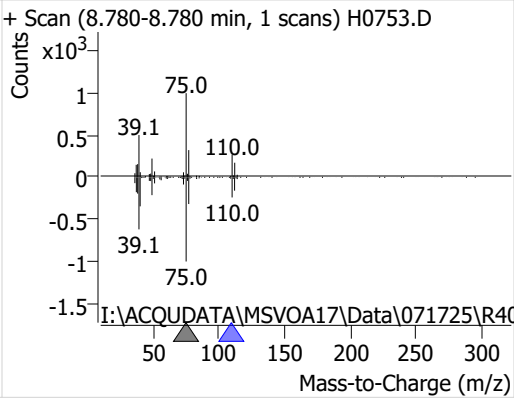




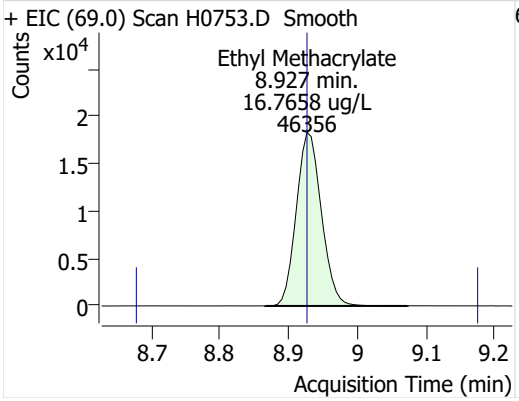
trans-1,3-Dichloropropene

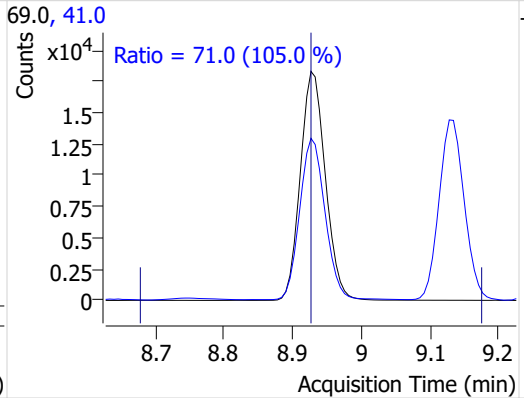


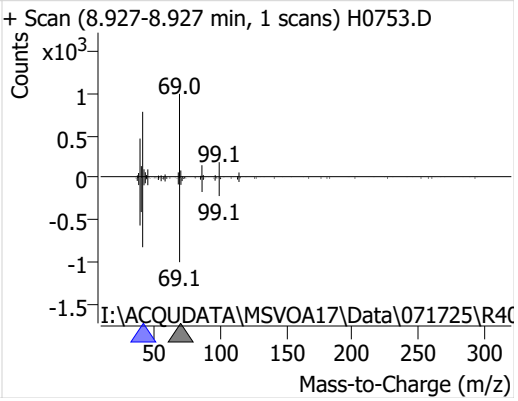




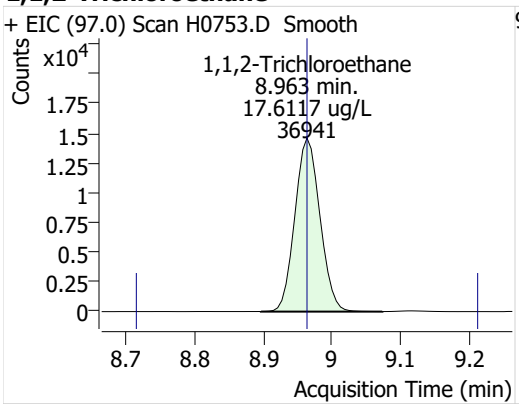
Ethyl Methacrylate

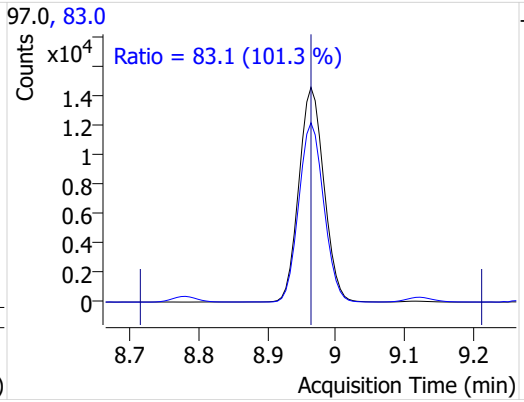


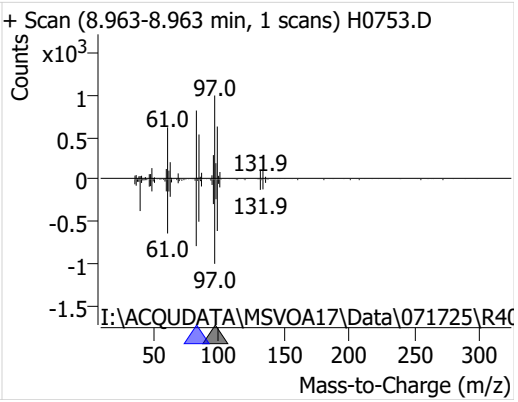




1,1,2-Trichloroethane

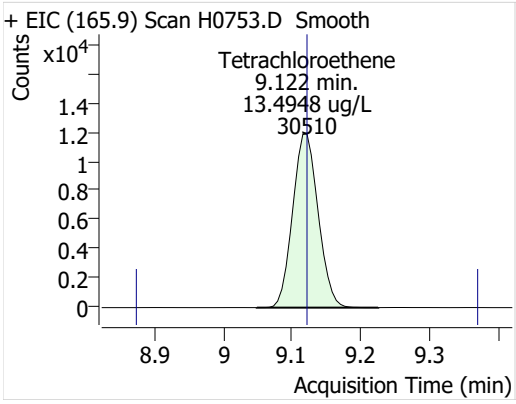


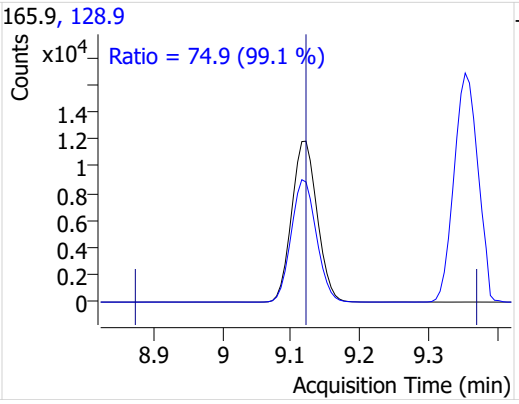


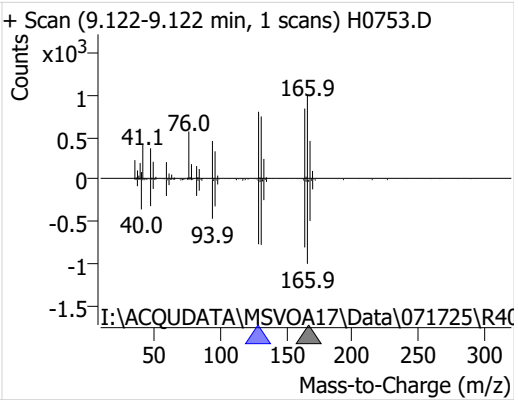


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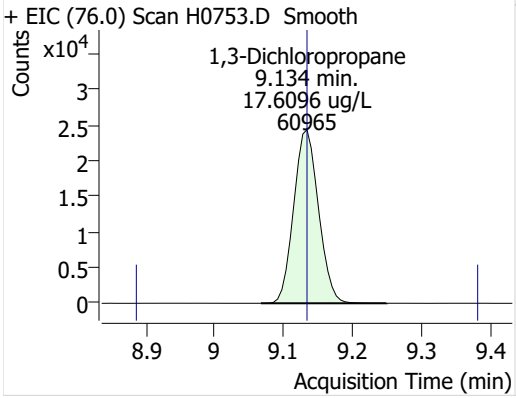
Tetrachloroethene

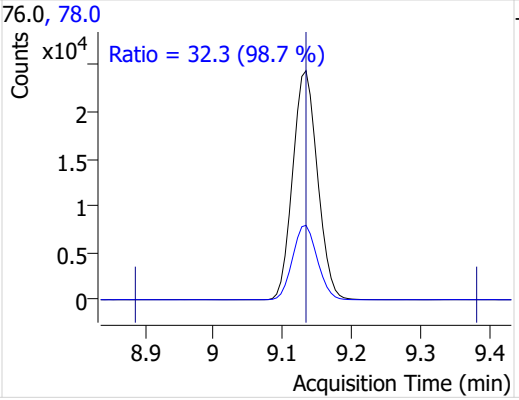


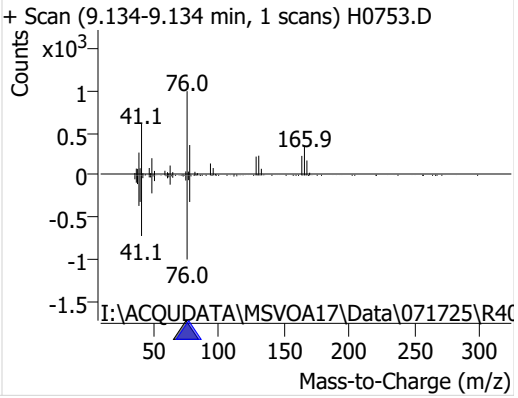




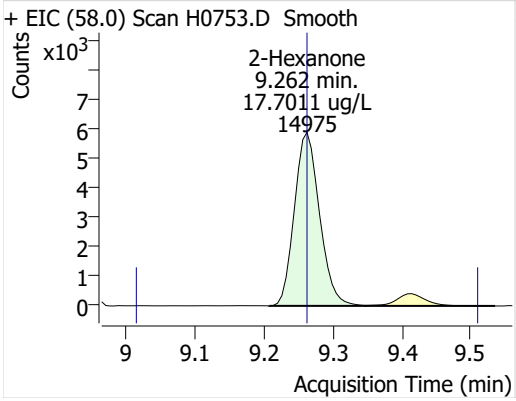
1,3-Dichloropropane

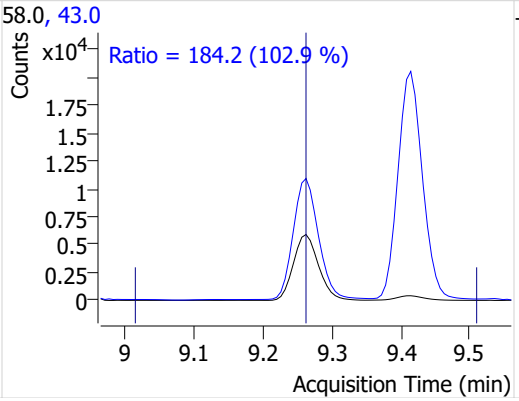


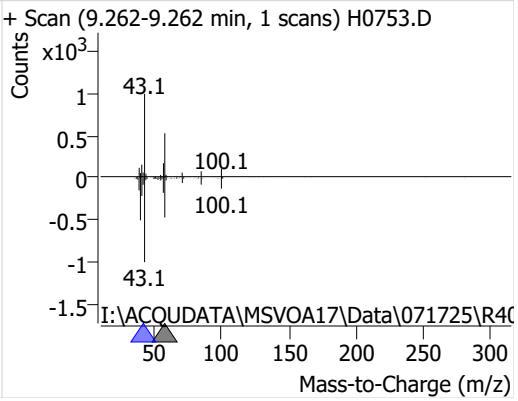




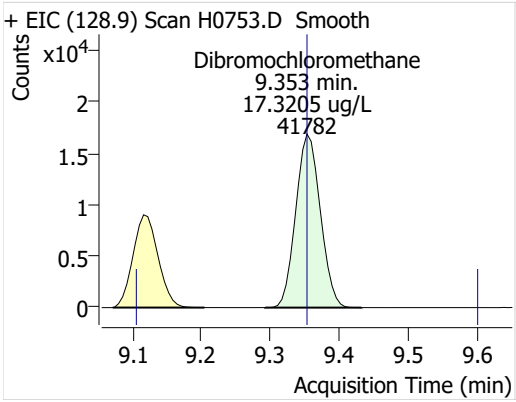
2-Hexanone

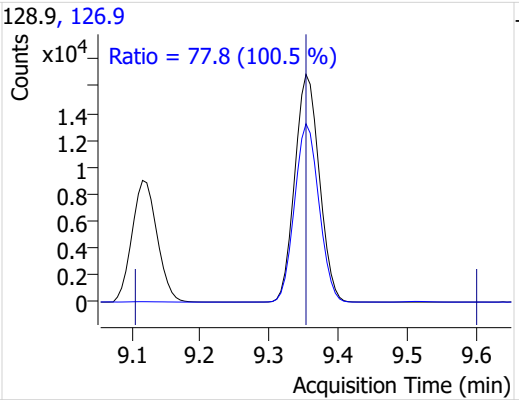


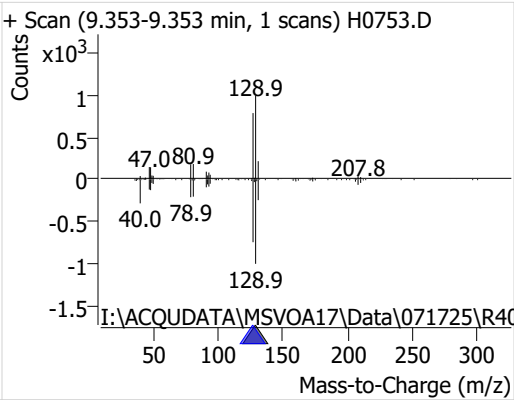




Dibromochloromethane

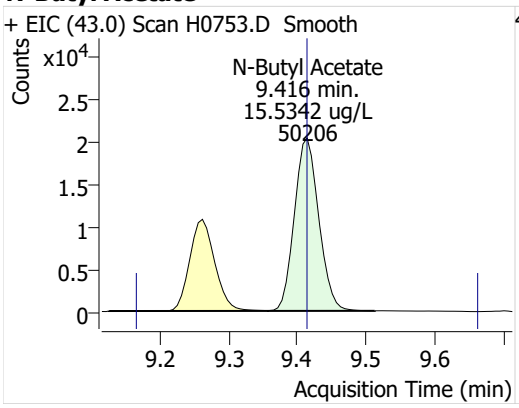


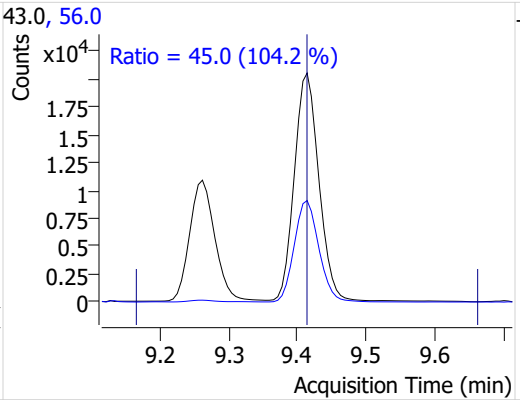


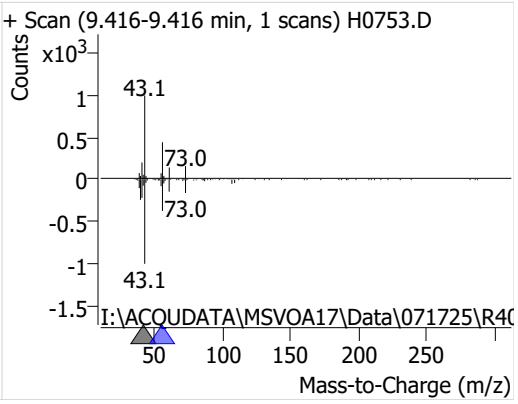


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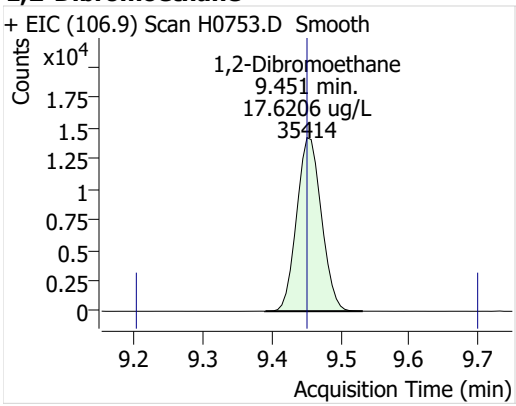
N-Butyl Acetate

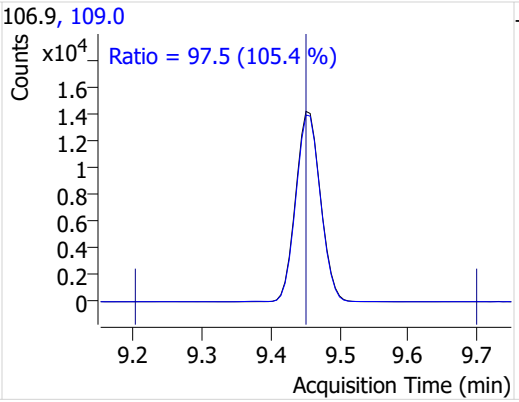


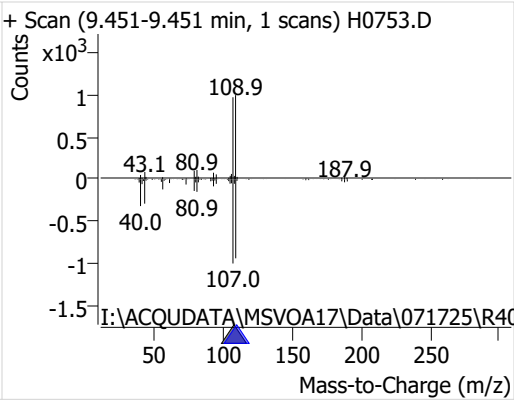




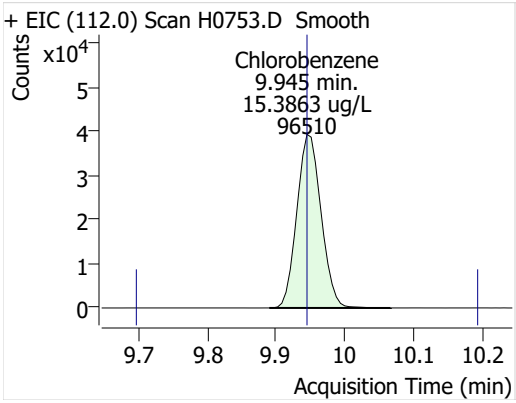
1,2-Dibromoethane

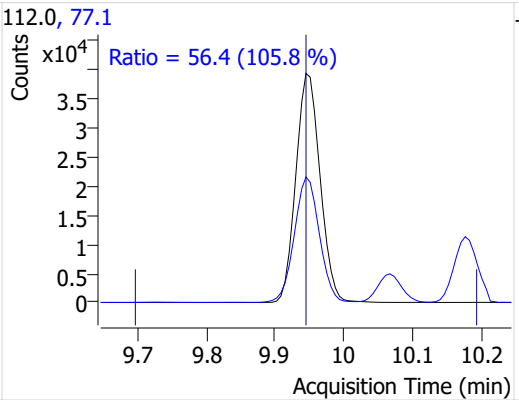


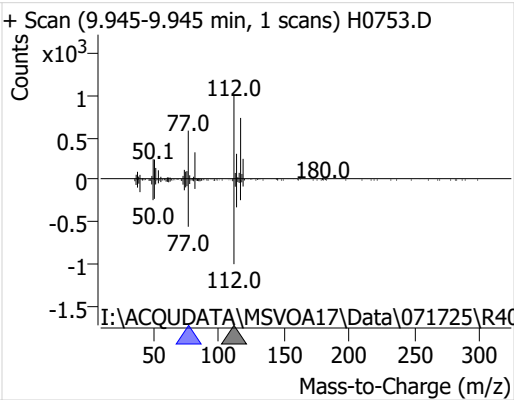




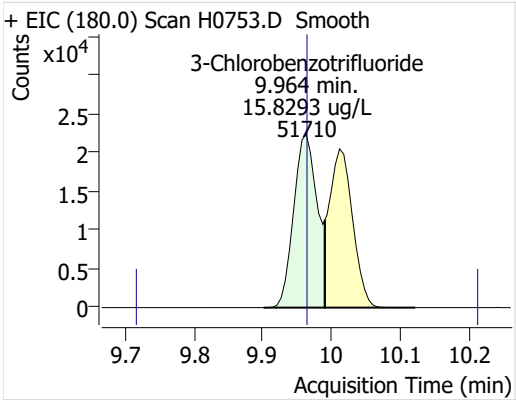
Chlorobenzene

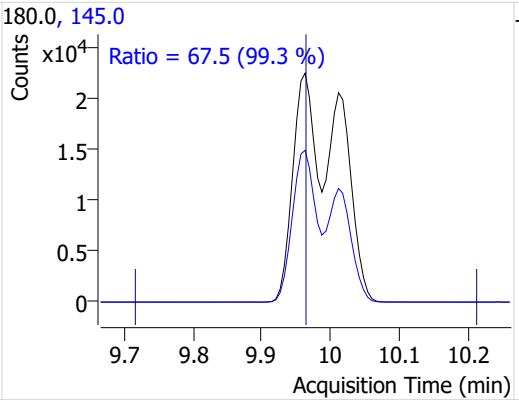


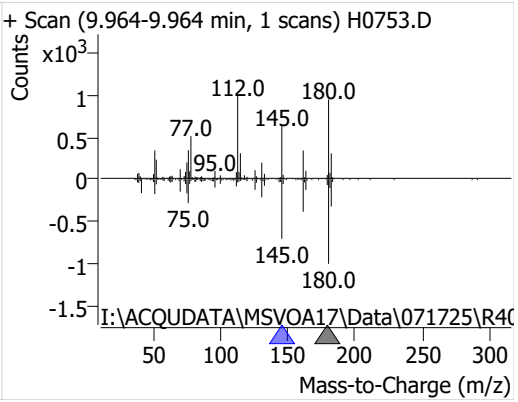




3-Chlorobenzotrifluoride

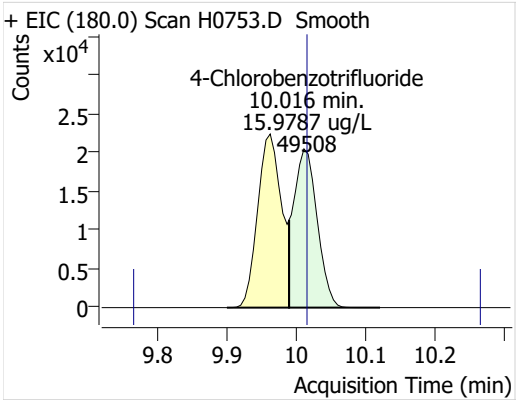


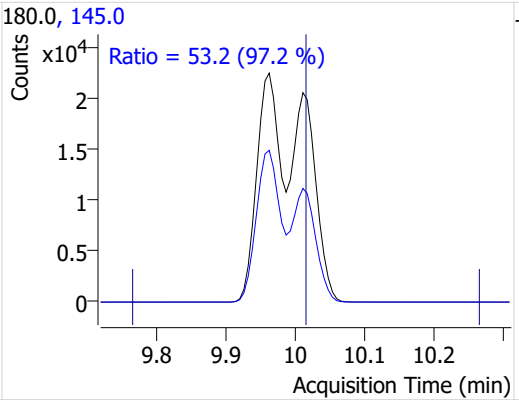


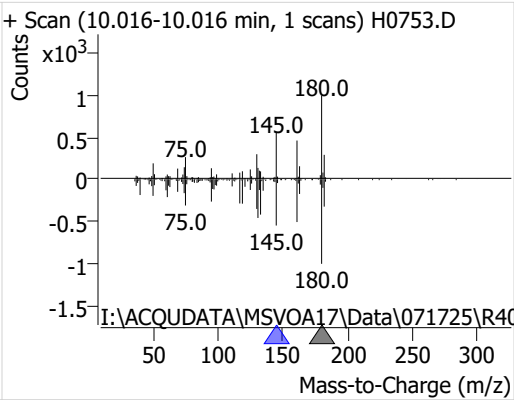


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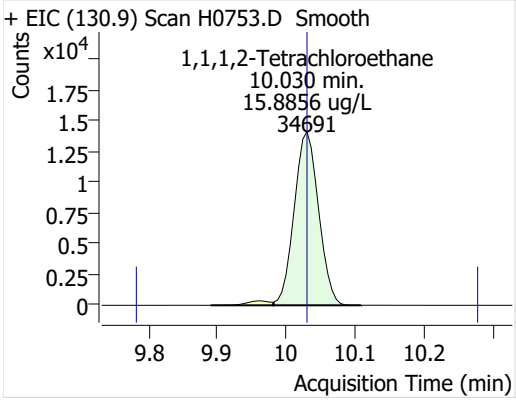
4-Chlorobenzotrifluoride

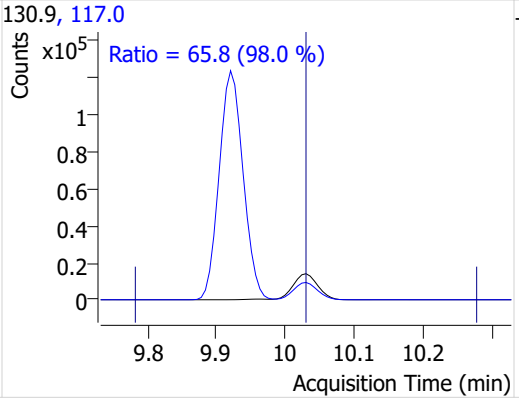


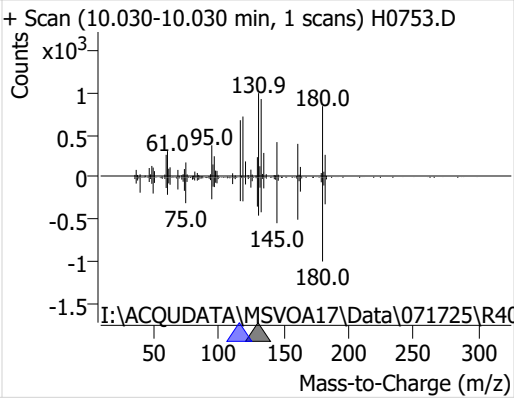




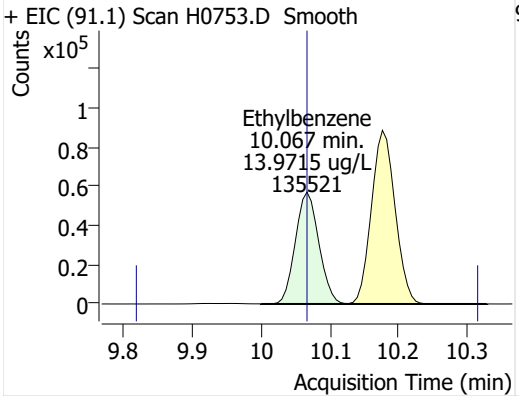
1,1,1,2-Tetrachloroethane

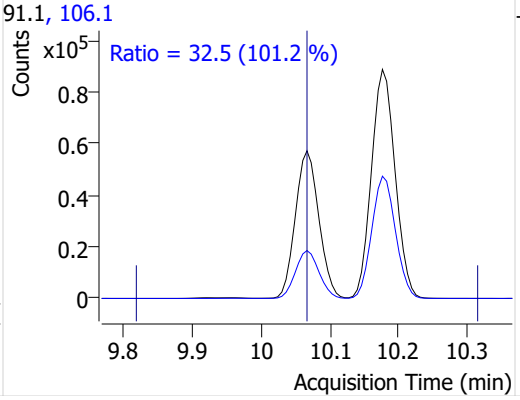


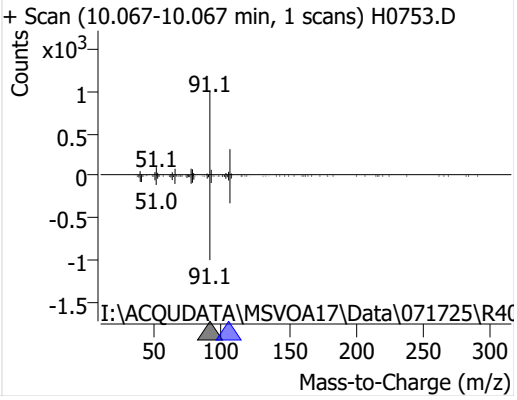




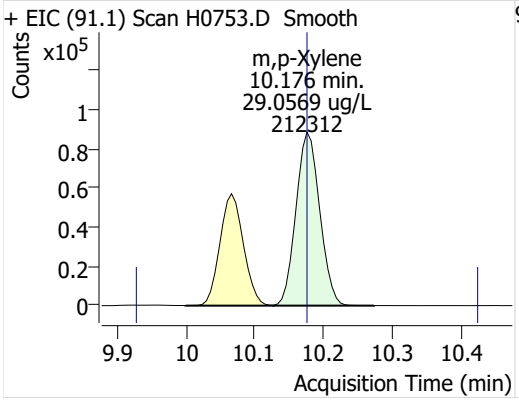
Ethylbenzene

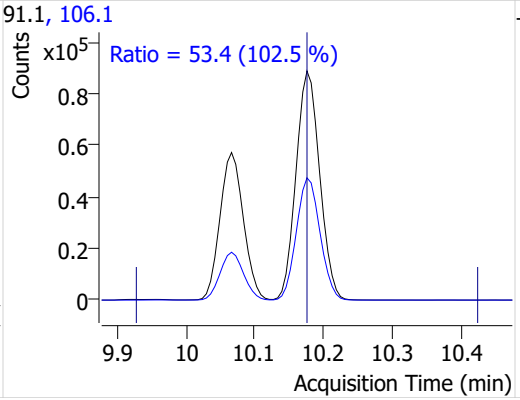


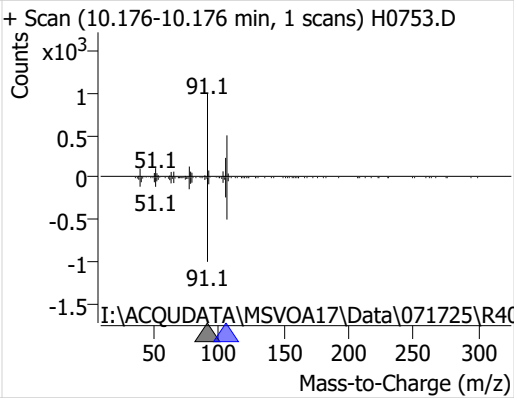




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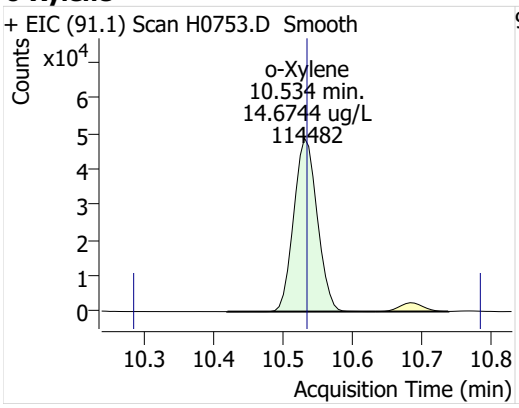


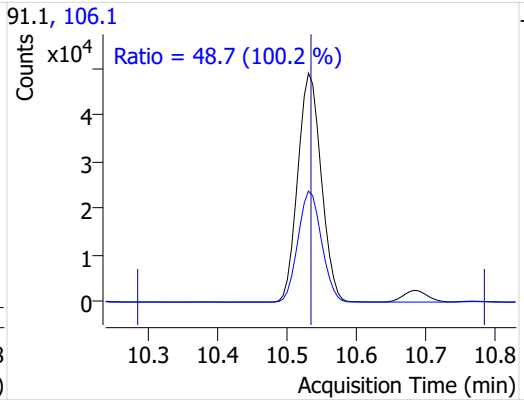


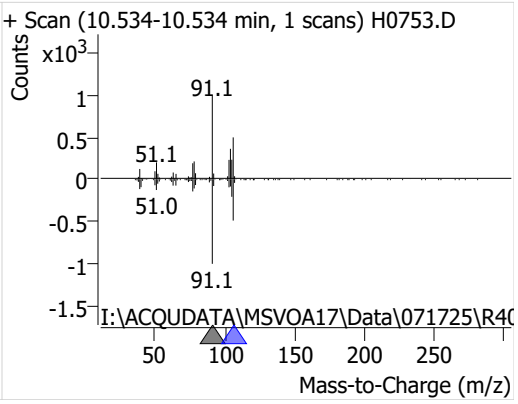


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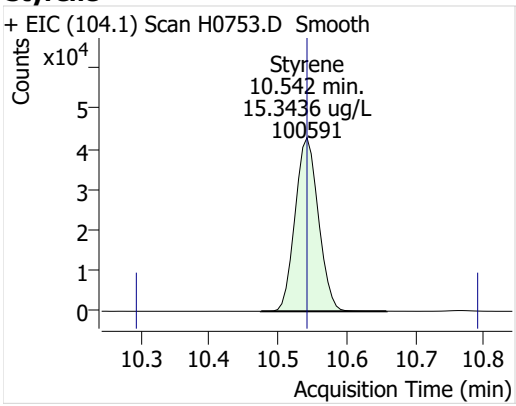
o-Xylene

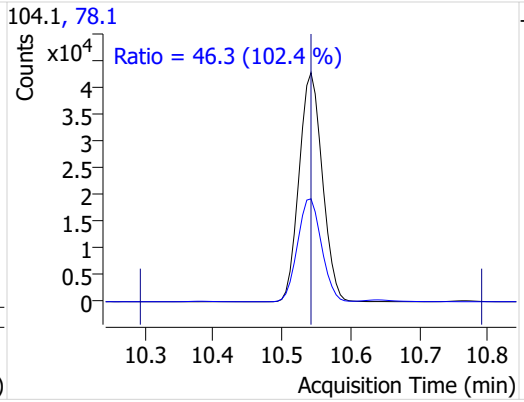


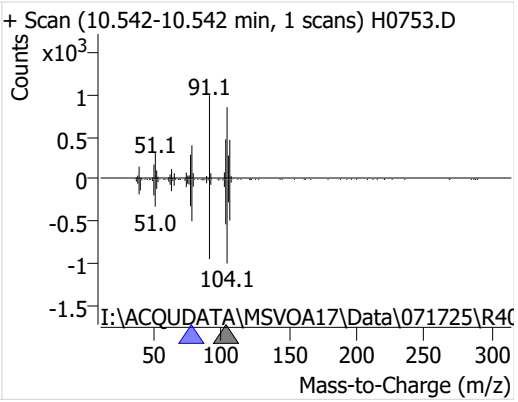




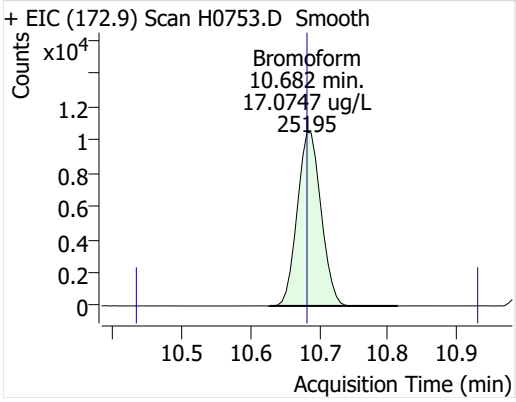
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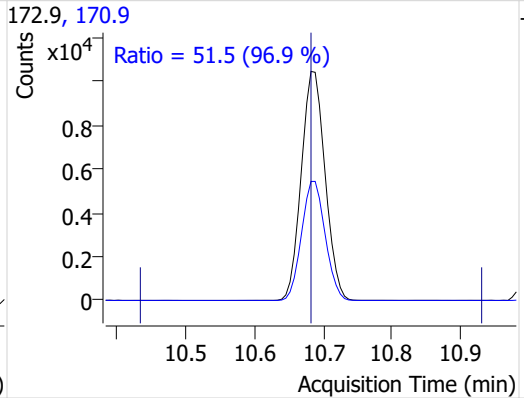


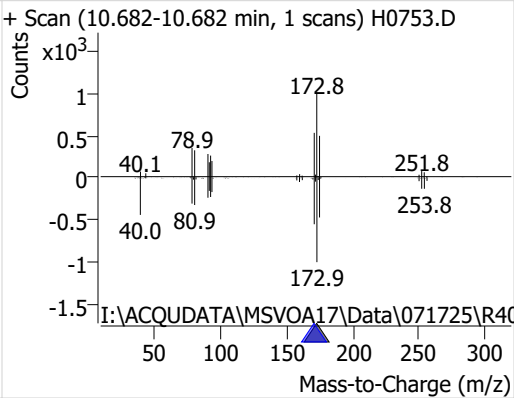




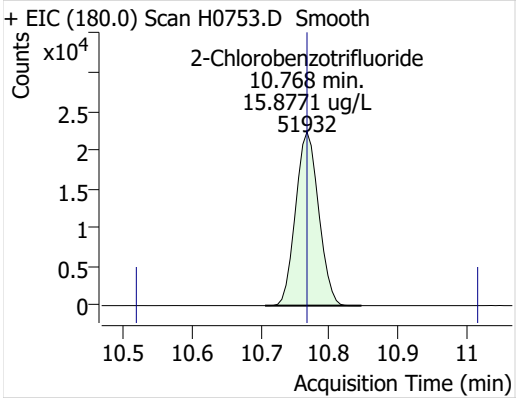
Bromoform

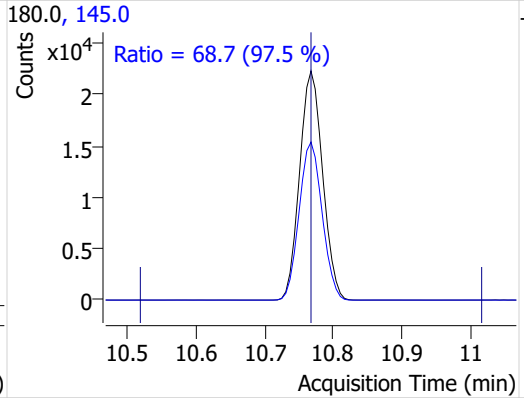


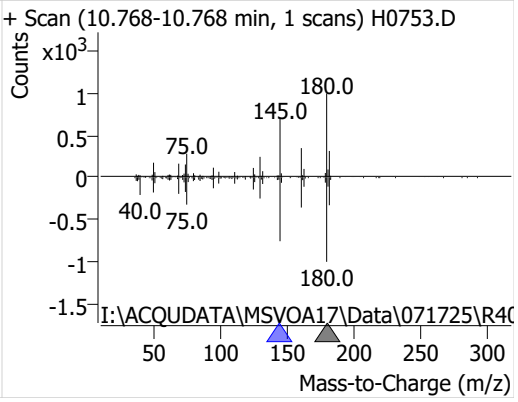




2-Chlorobenzotrifluoride

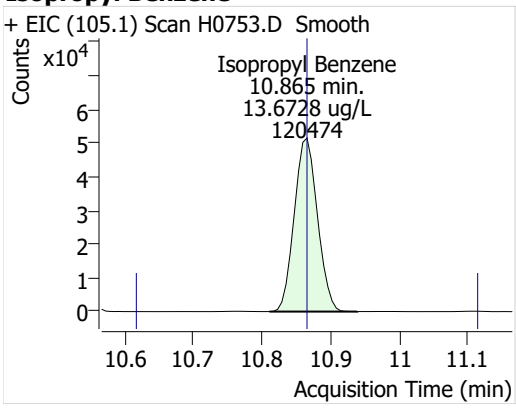


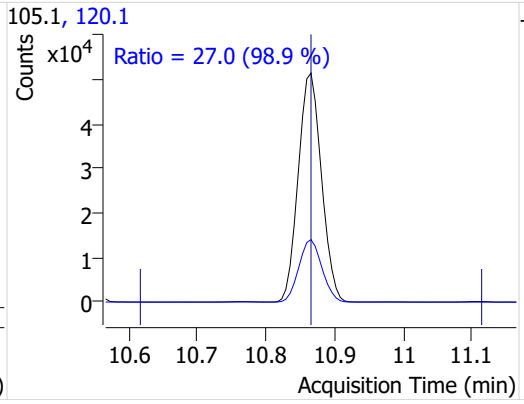


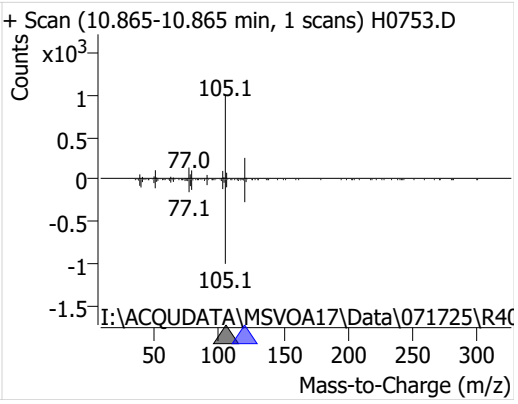


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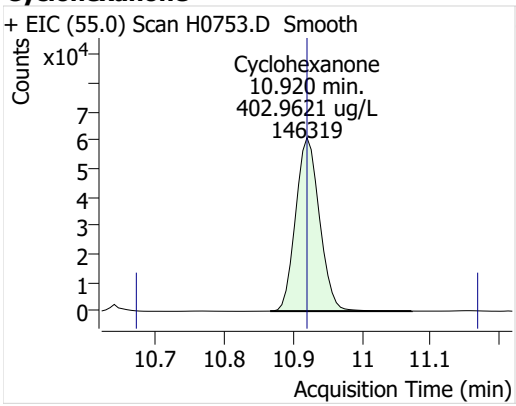
Isopropyl Benzene

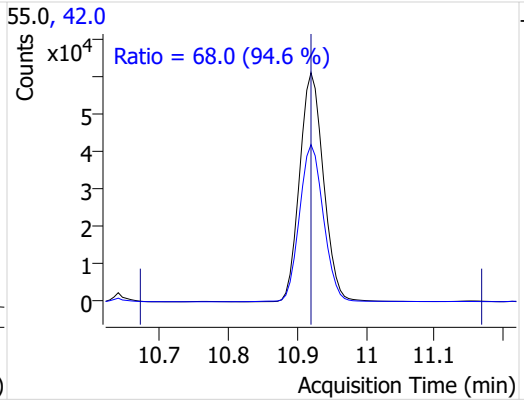


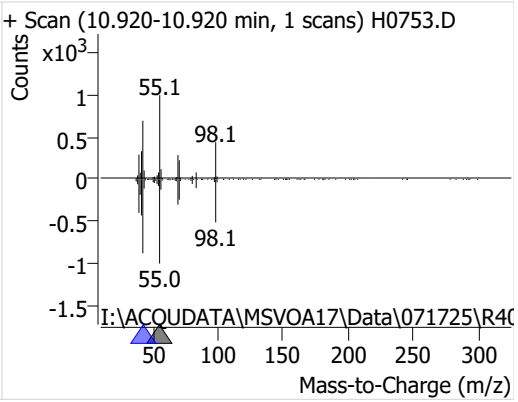




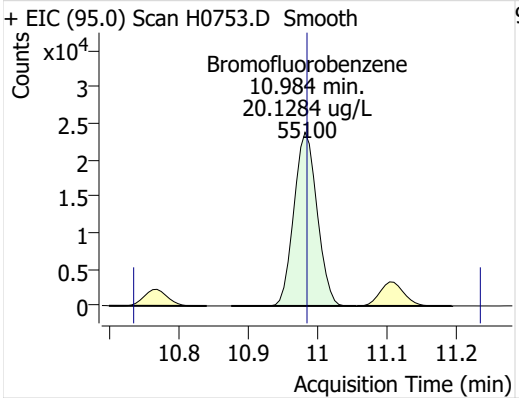
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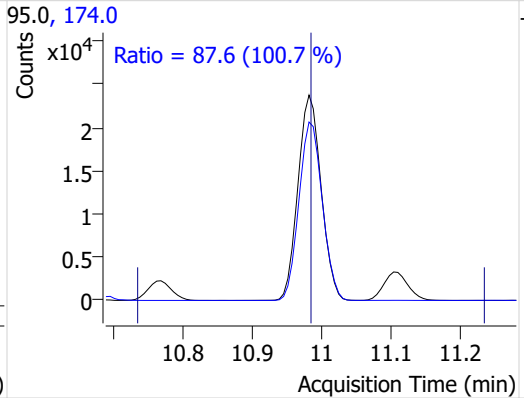


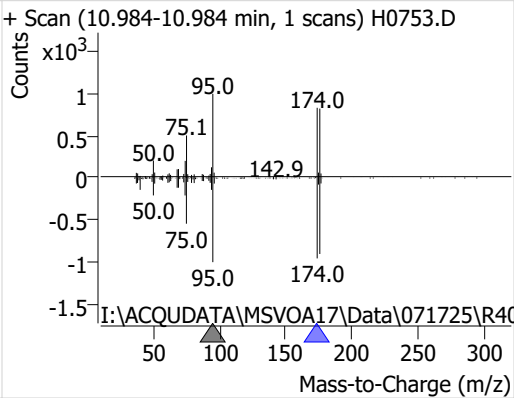




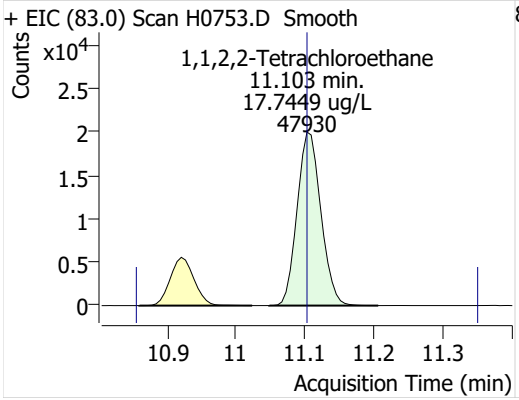
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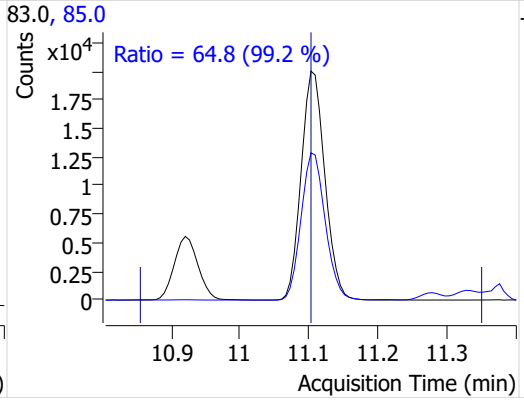


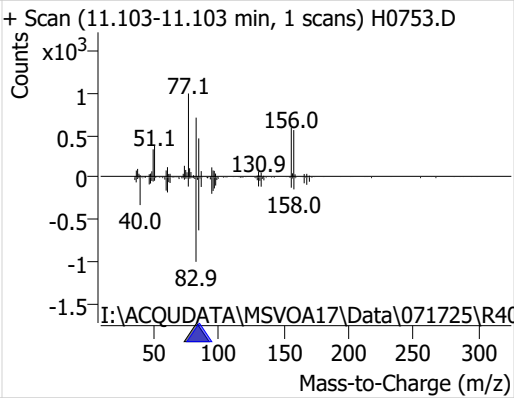




1,1,2,2-Tetrachloroethane

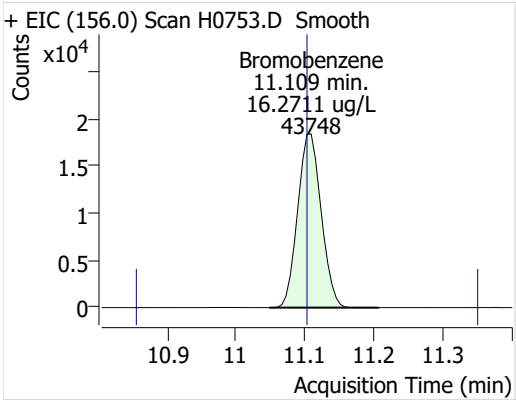


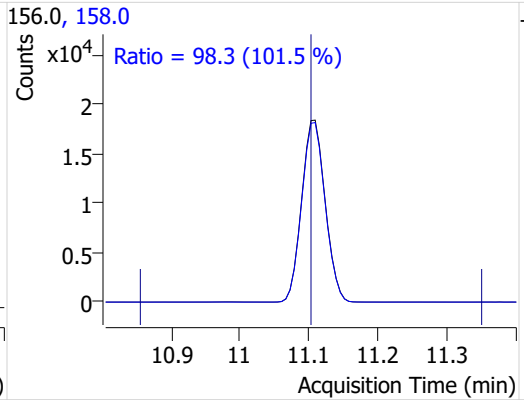


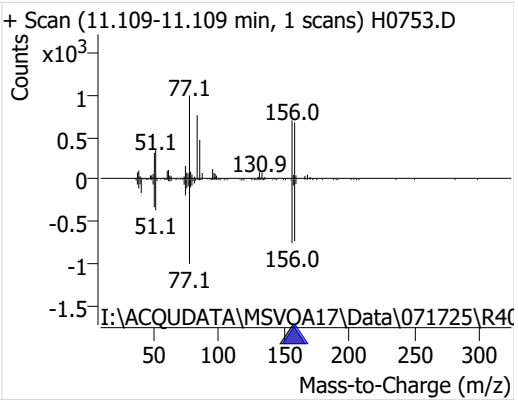


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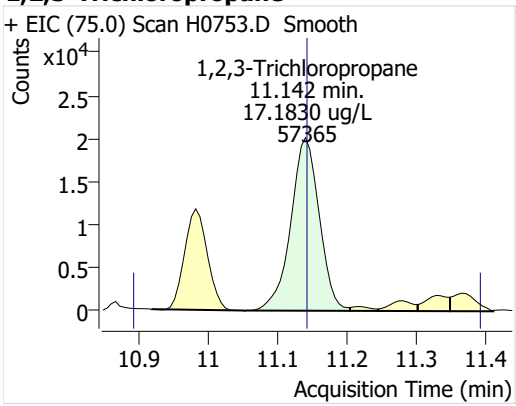
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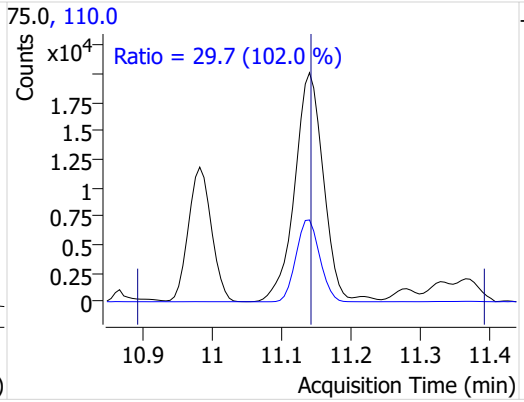


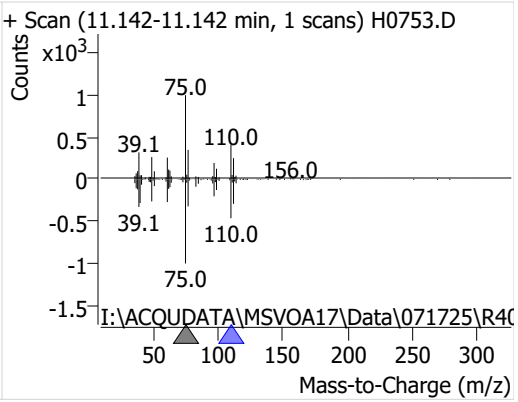




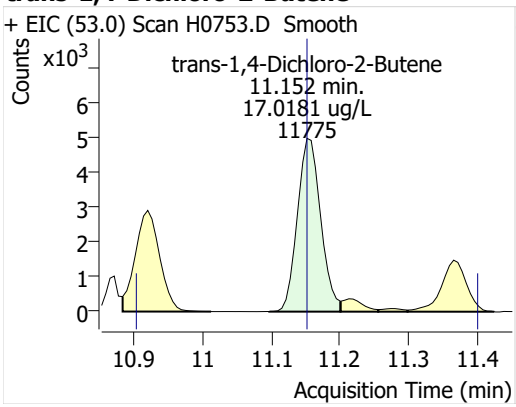
1,2,3-Trichloropropane

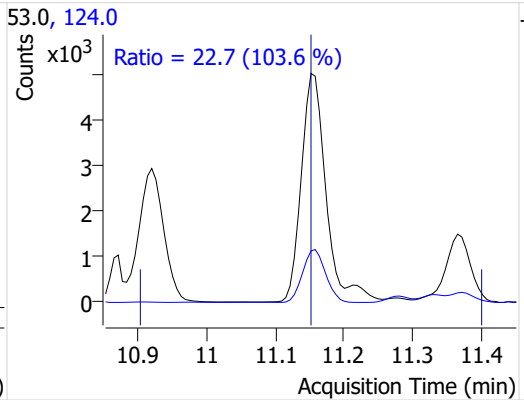


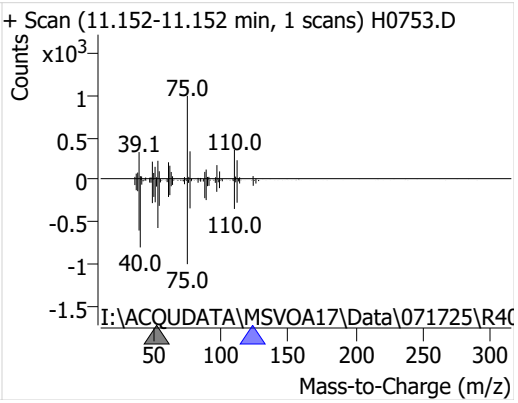




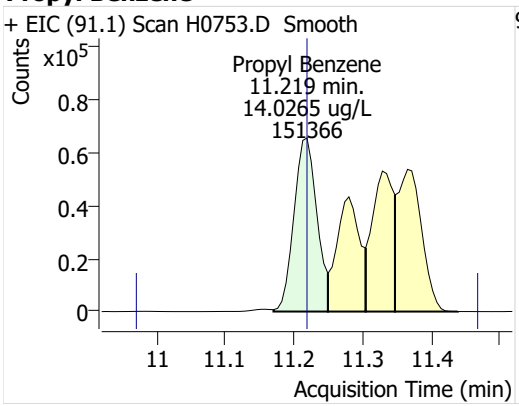
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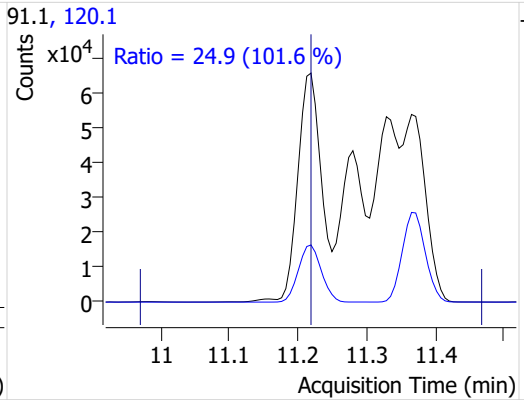


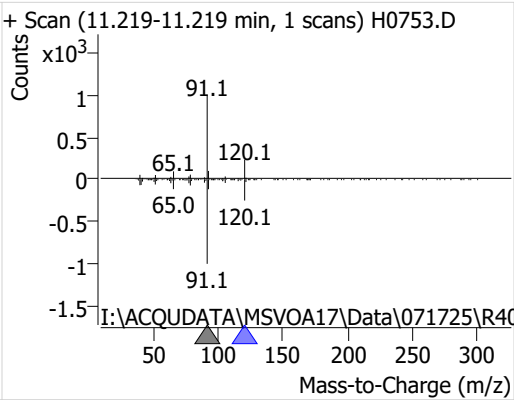




Propyl Benzene

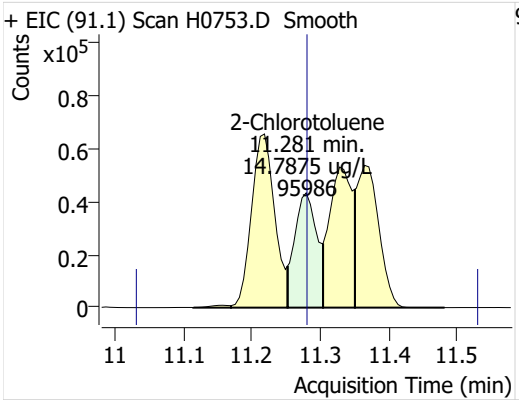


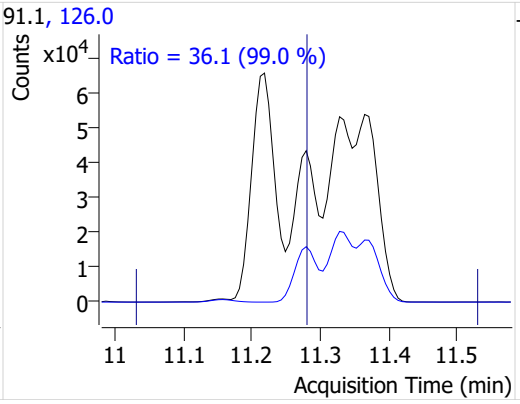


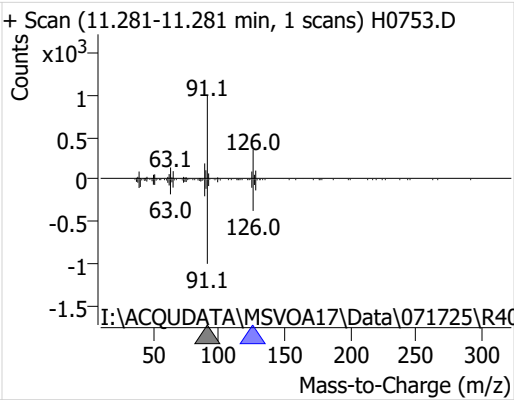


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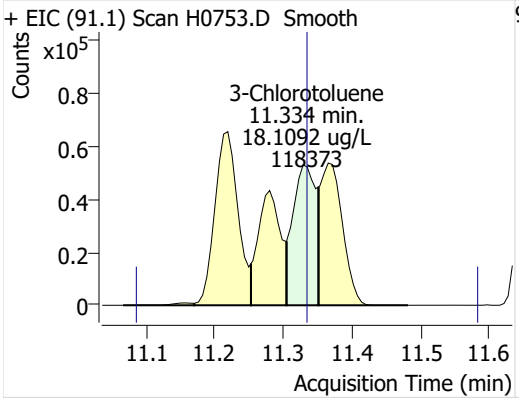
2-Chlorotoluene

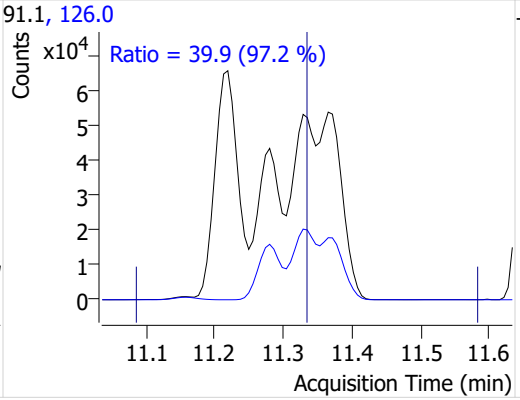


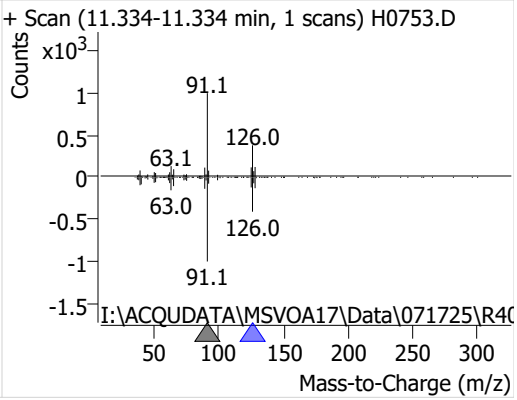




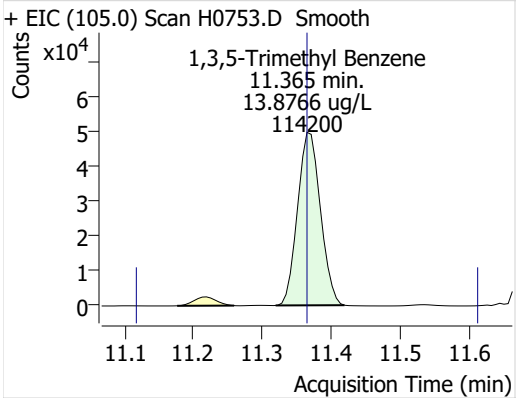
3-Chlorotoluene

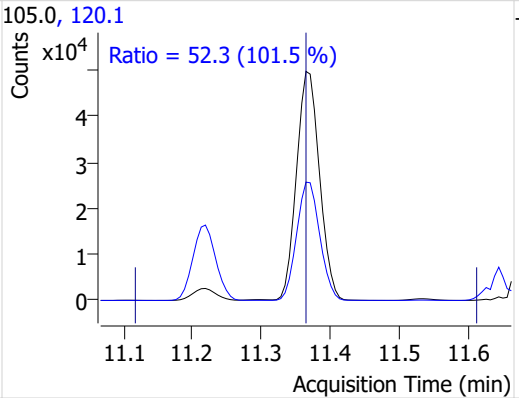


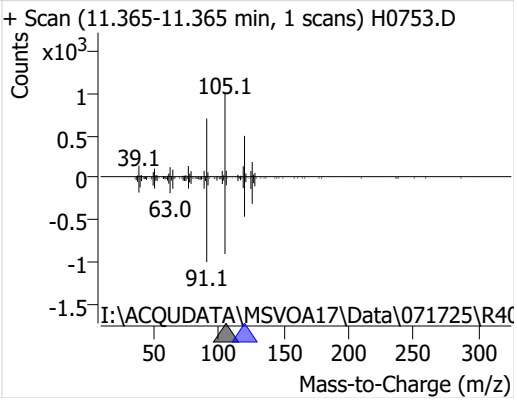




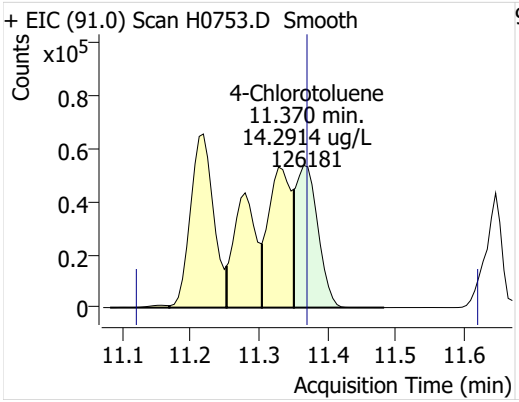
1,3,5-Trimethyl Benzene

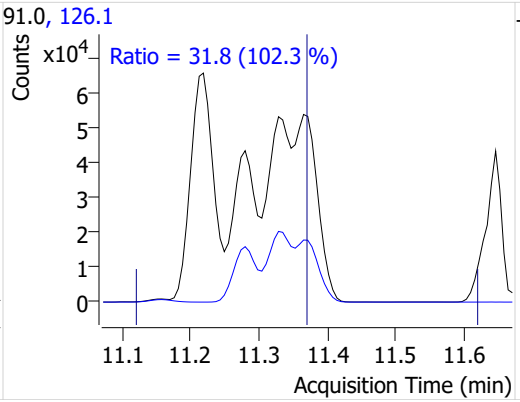


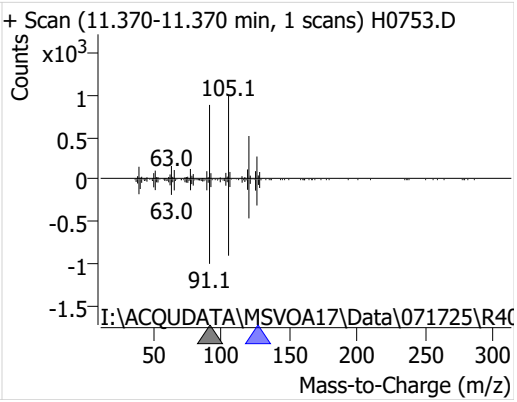




4-Chlorotoluene

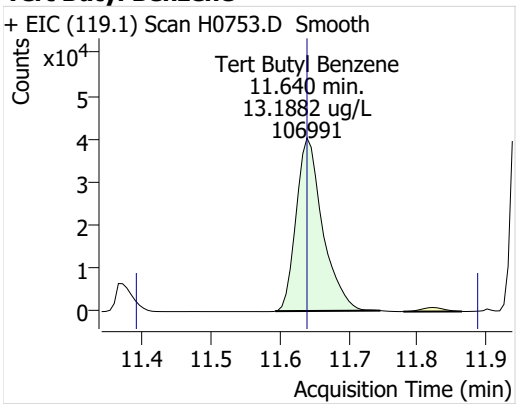


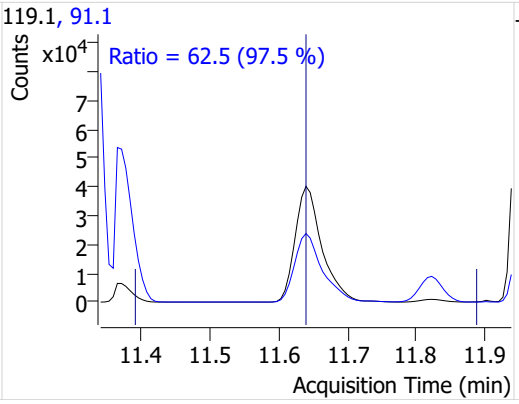


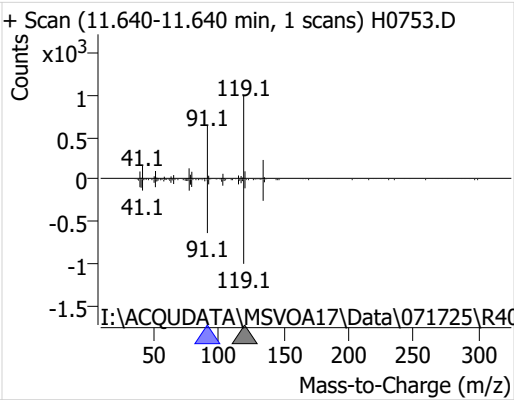


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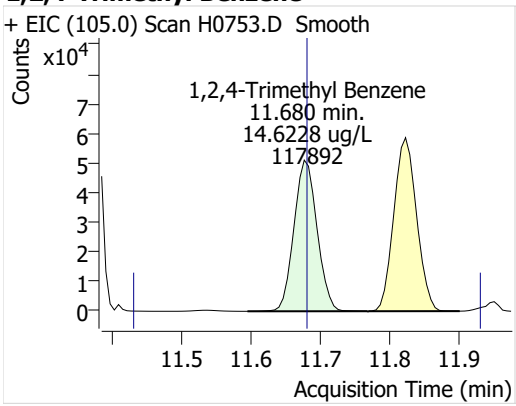
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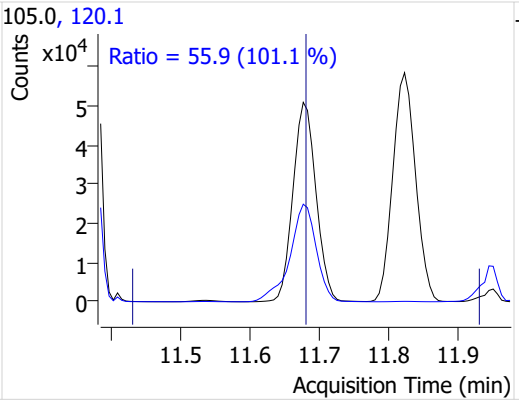


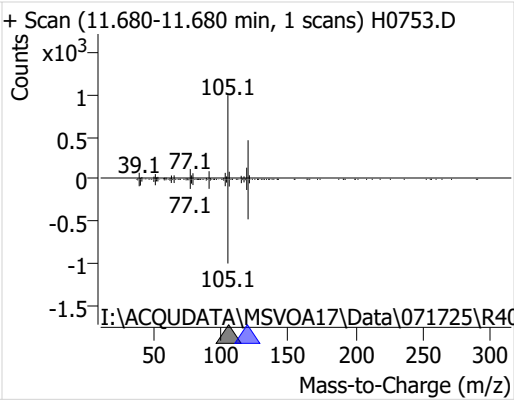




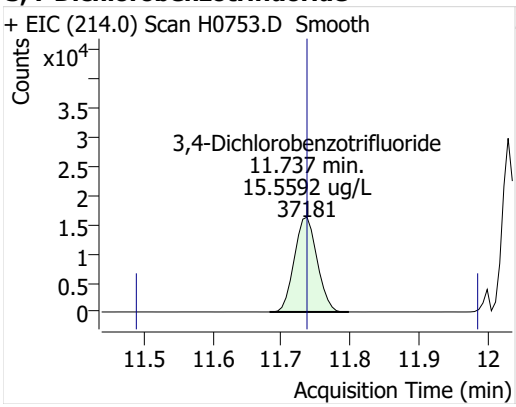
1,2,4-Trimethyl Benzene

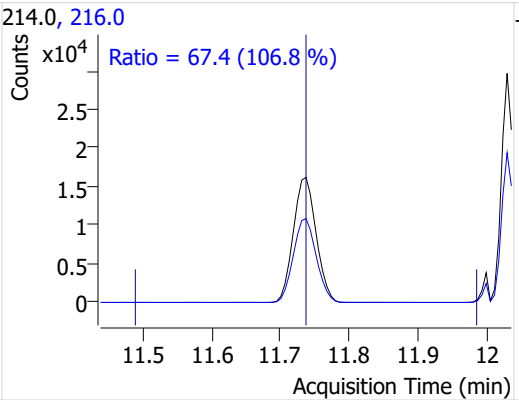


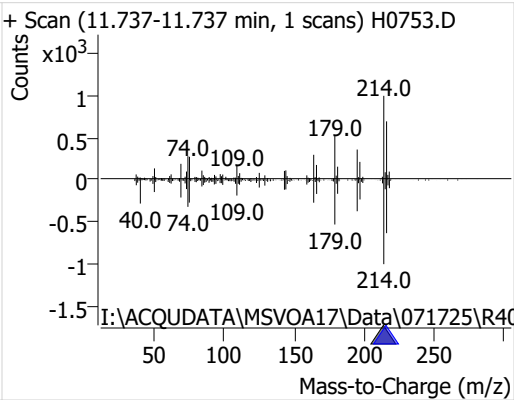




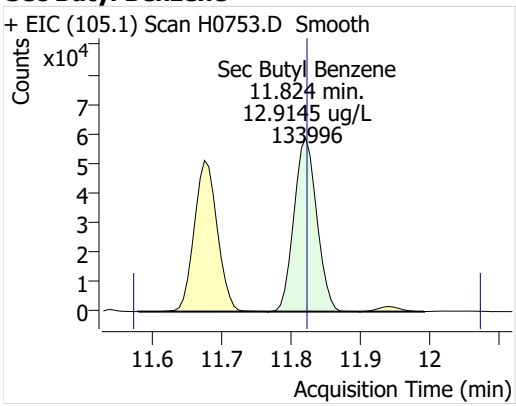
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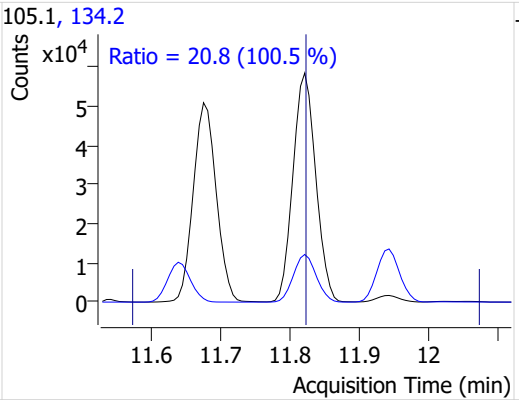


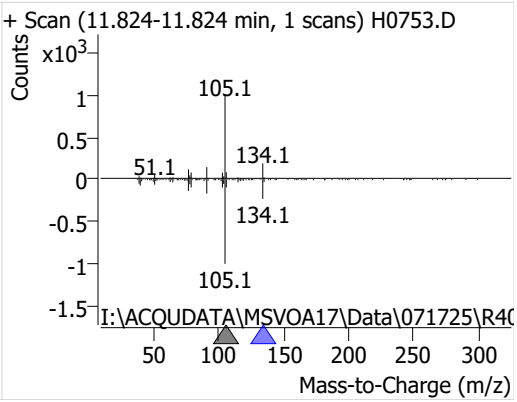




Sec Butyl Benzene

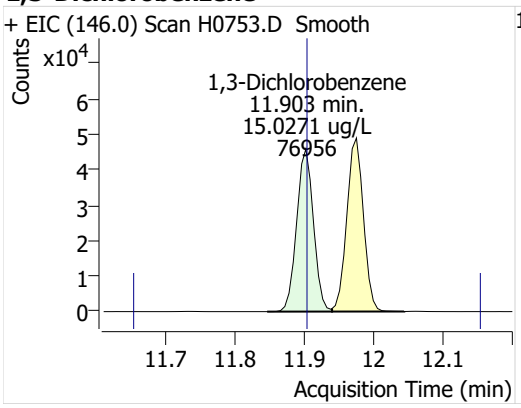


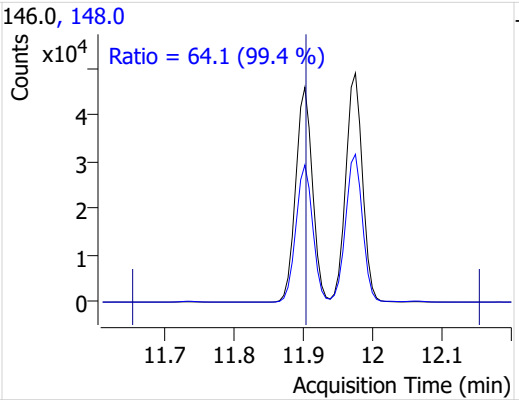


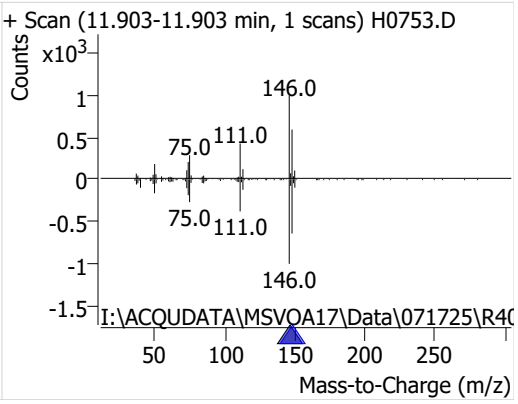


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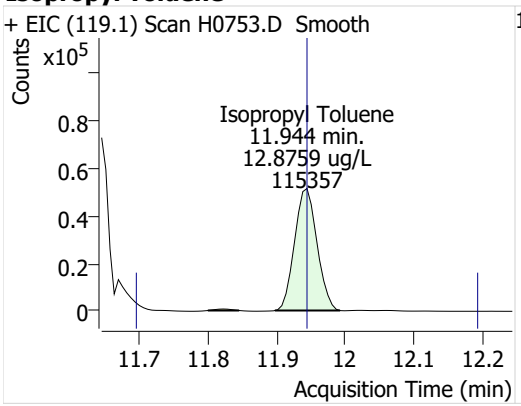
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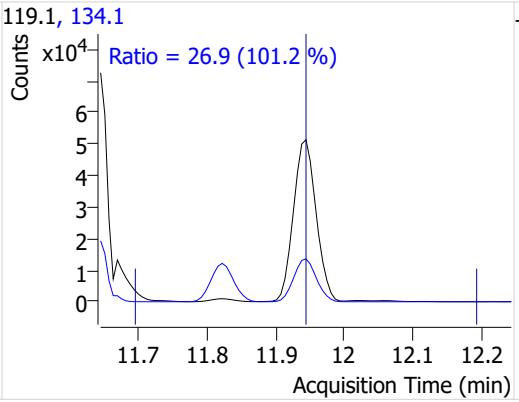


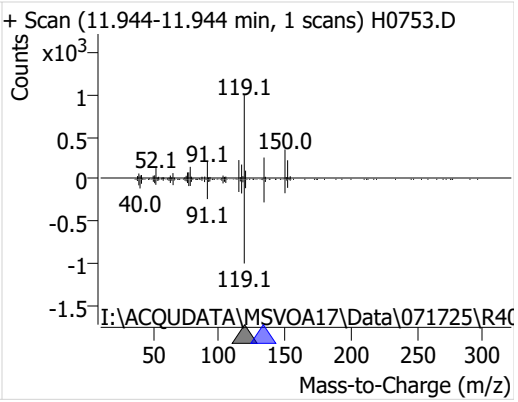




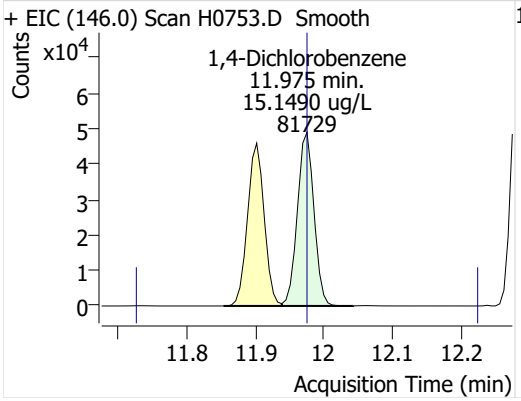
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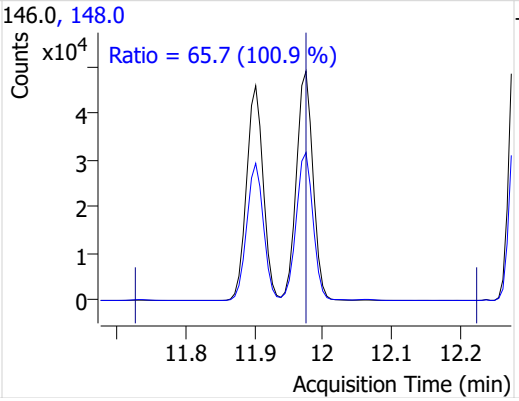


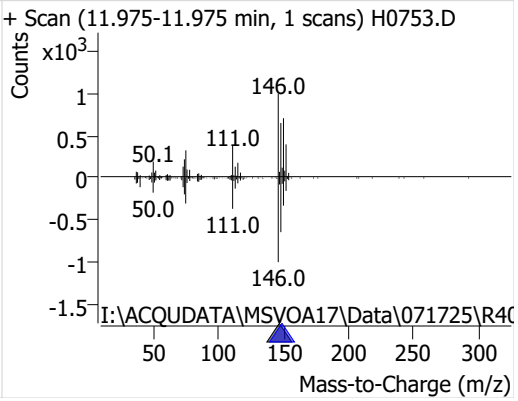




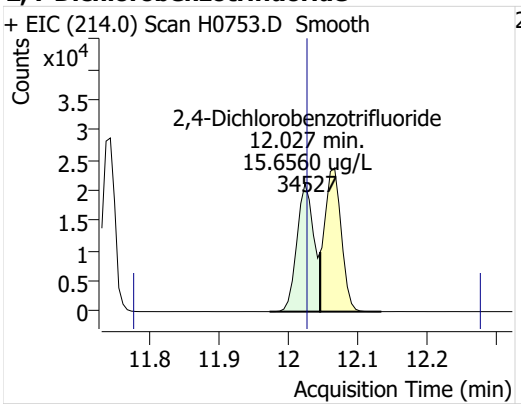
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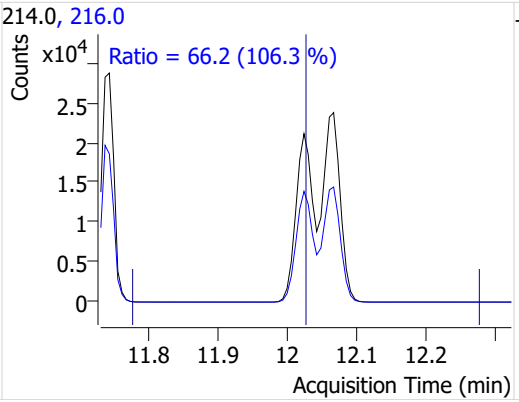


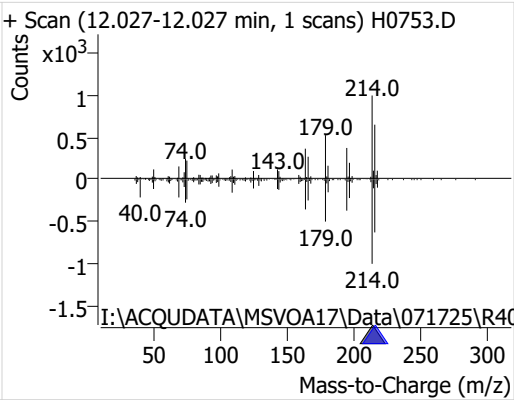




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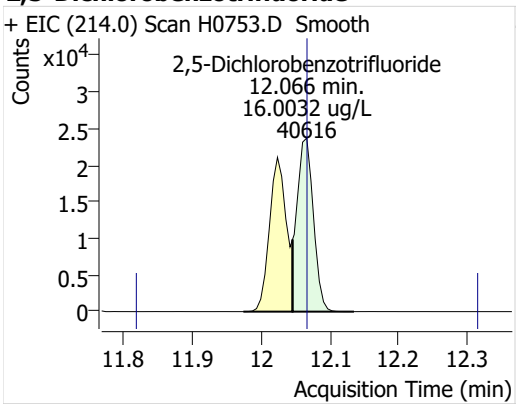


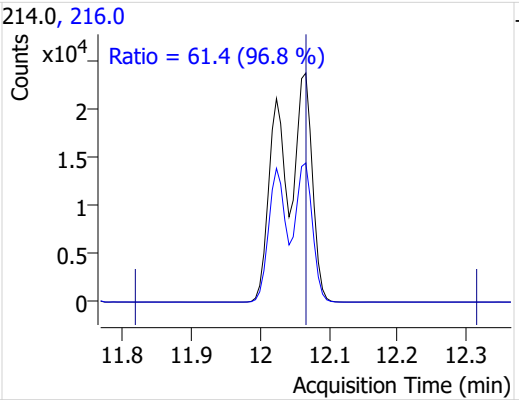


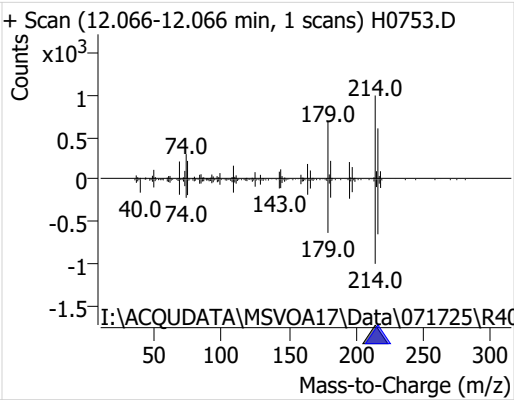


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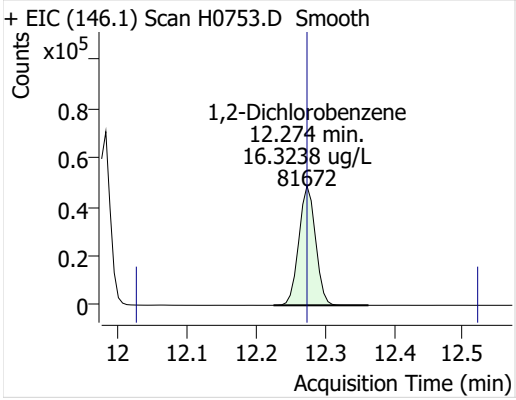
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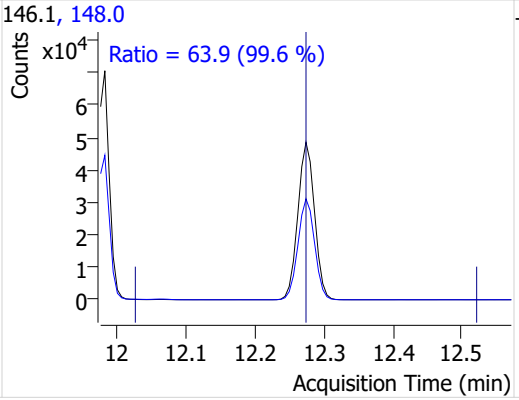


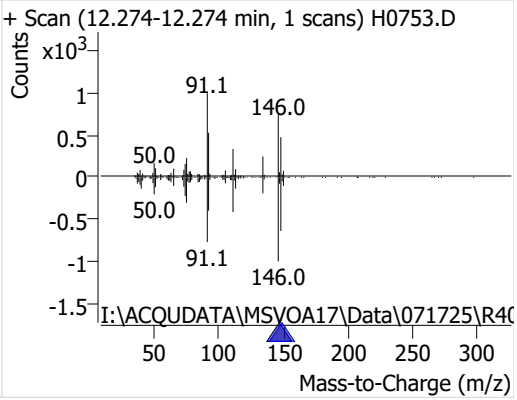




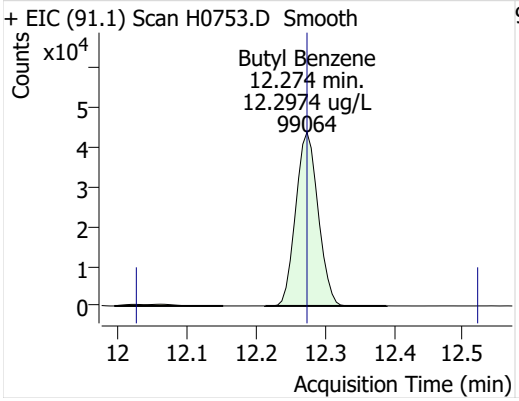
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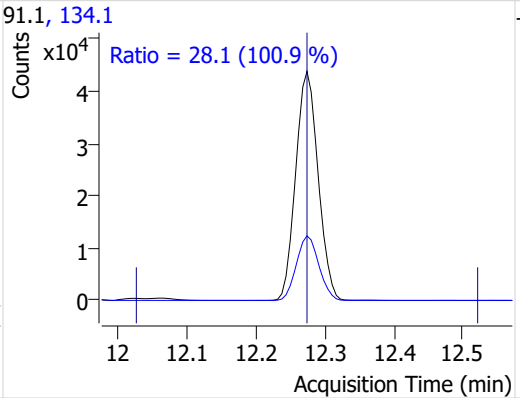


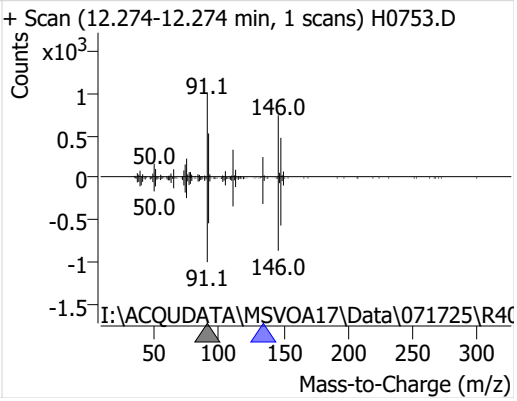




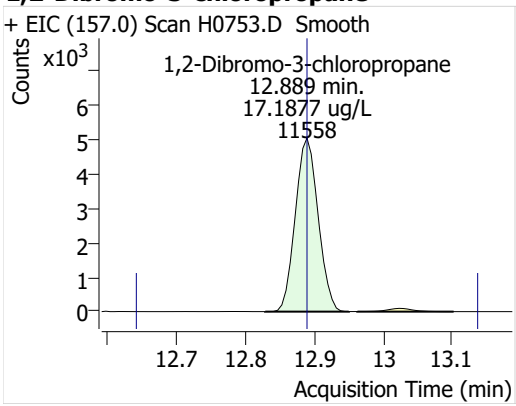
Butyl Benzene

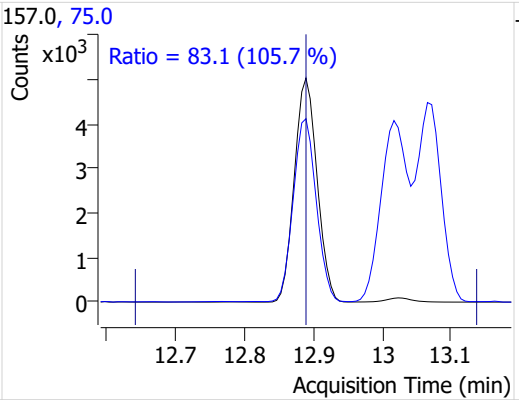


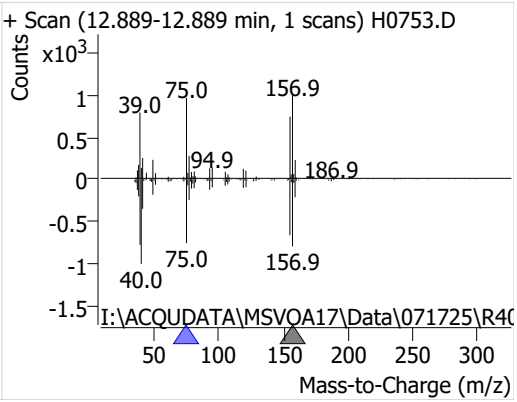




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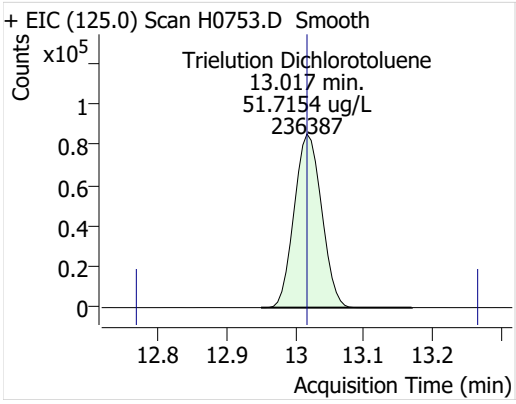


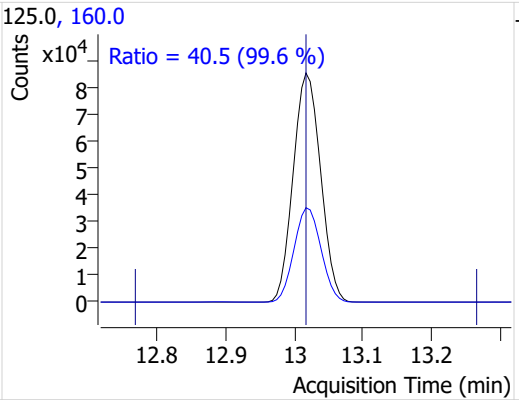


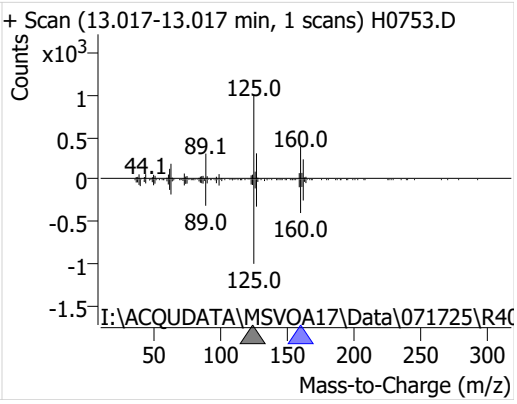


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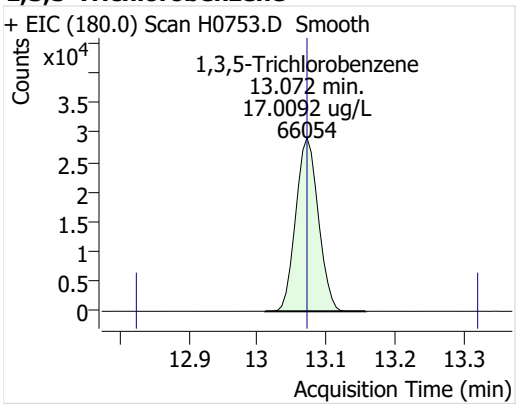
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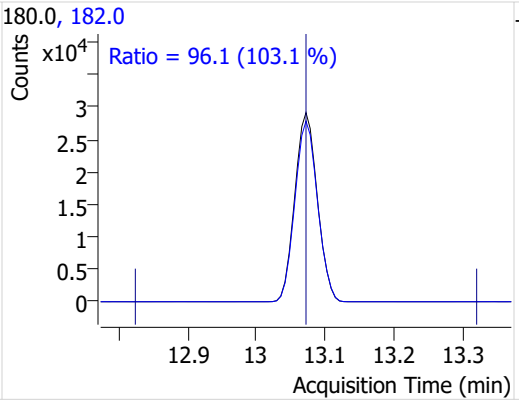


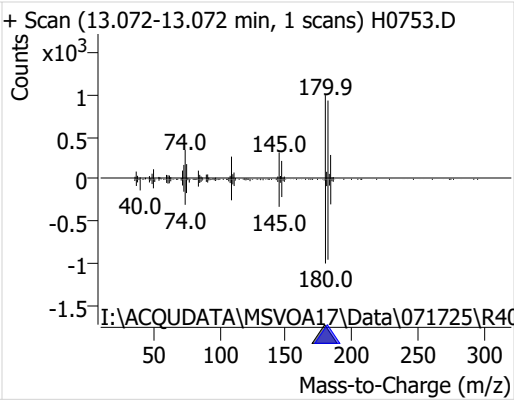




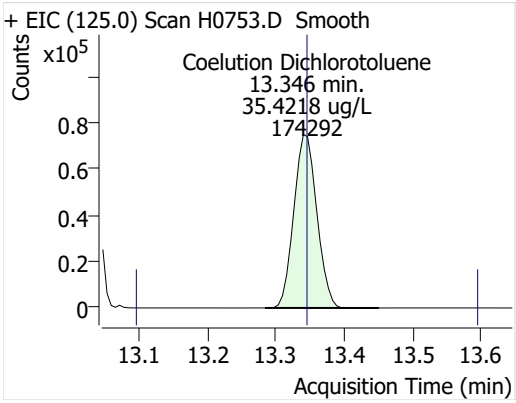
1,3,5-Trichlorobenzene

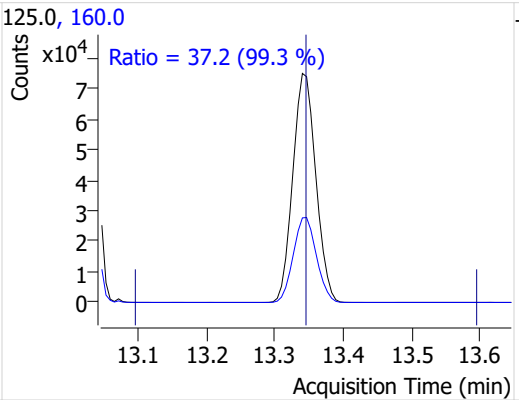


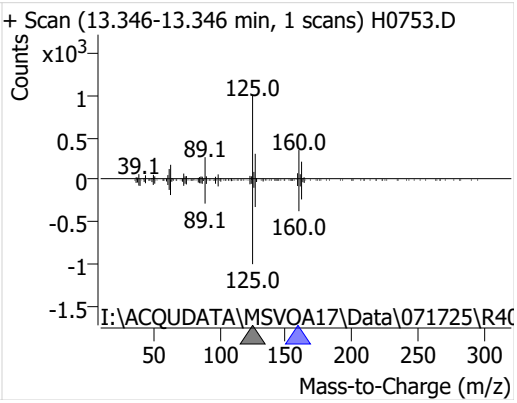




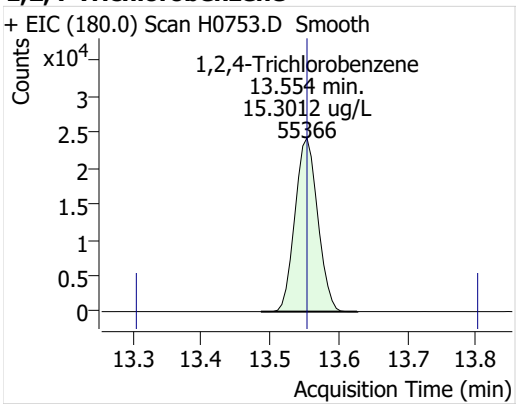
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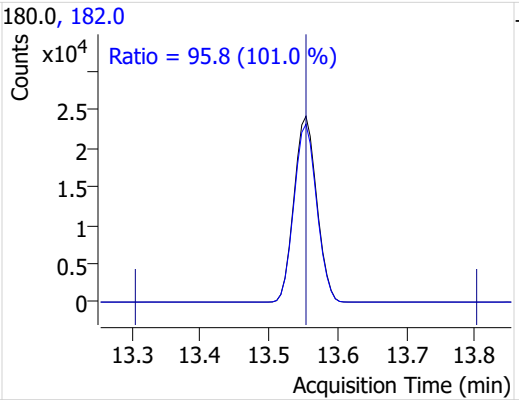


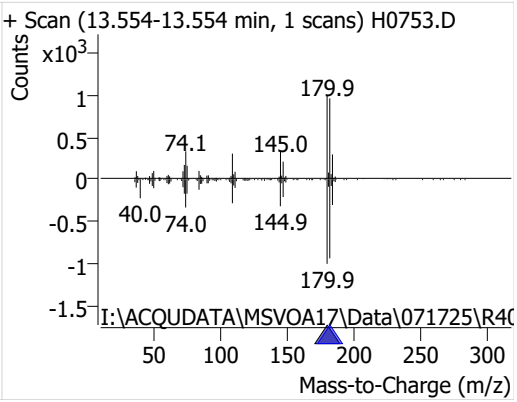




1,2,4-Trichlorobenzene

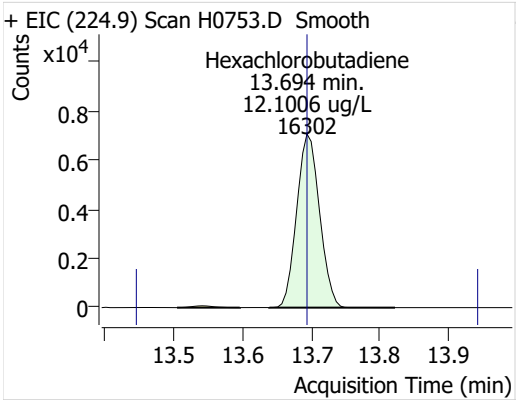


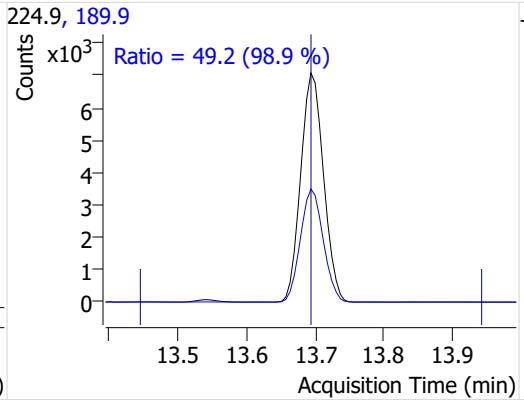


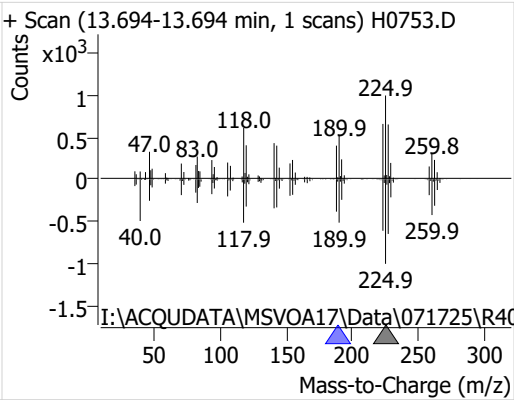


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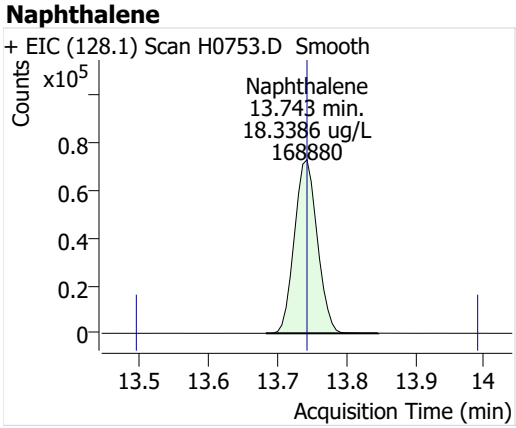
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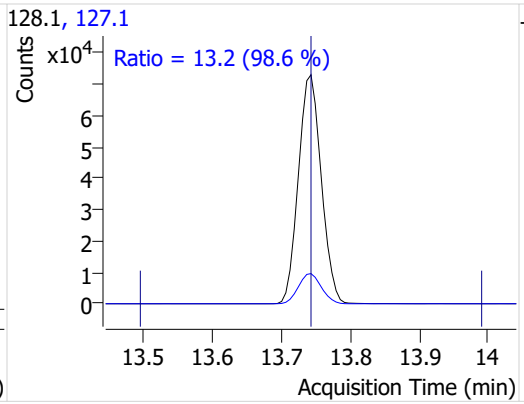


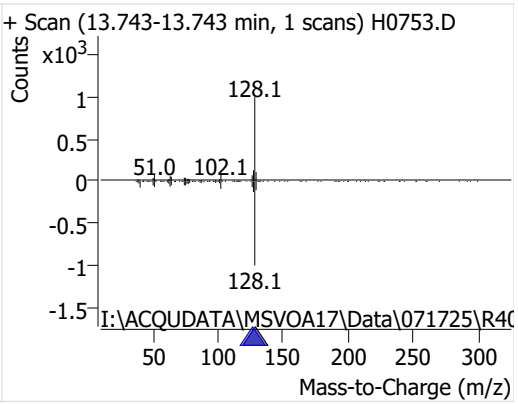




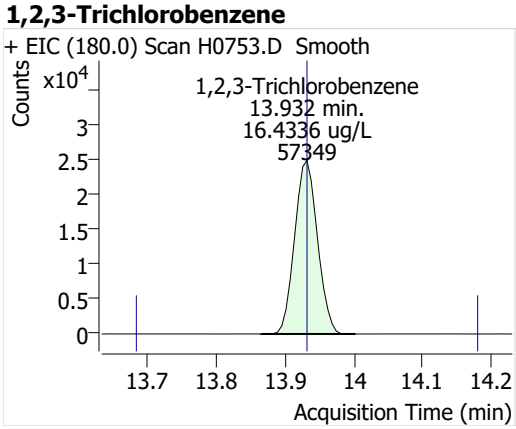
Naphthalene

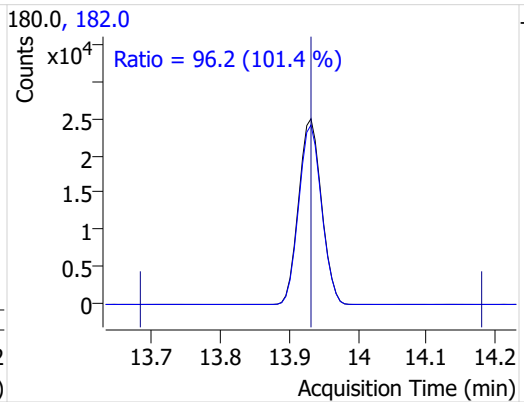


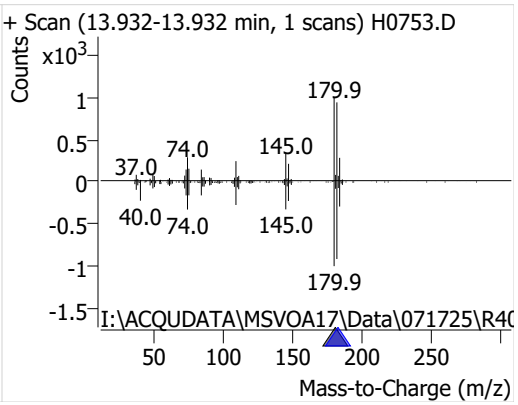




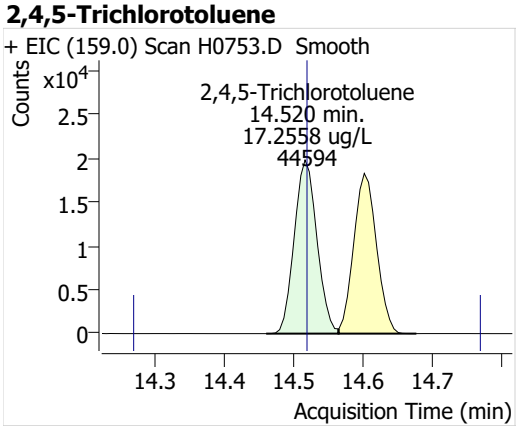
1,2,3-Trichlorobenzene

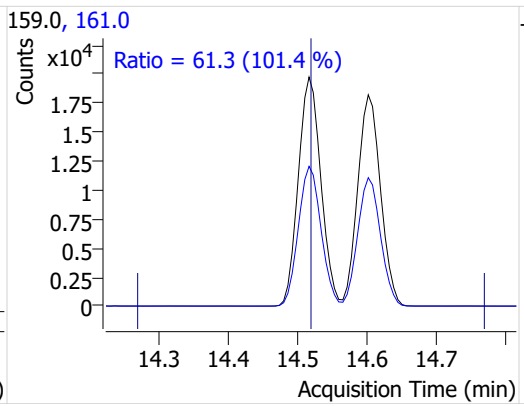


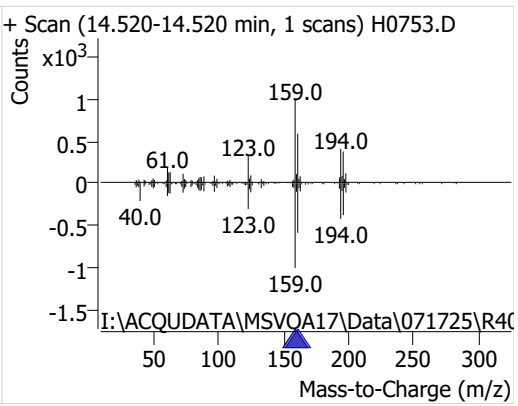




2,4,5-Trichlorotoluene

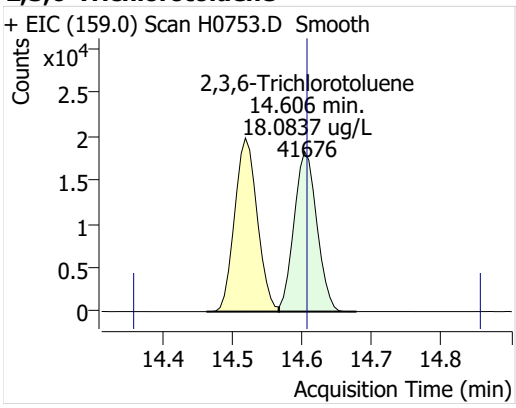


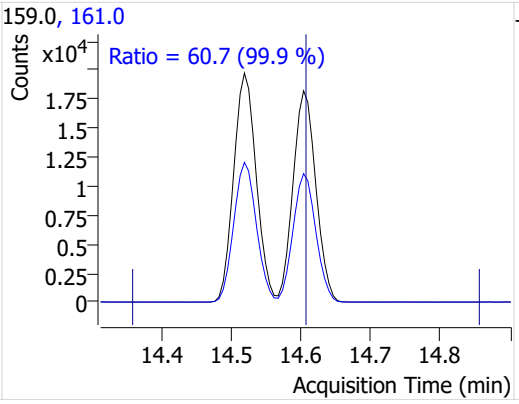


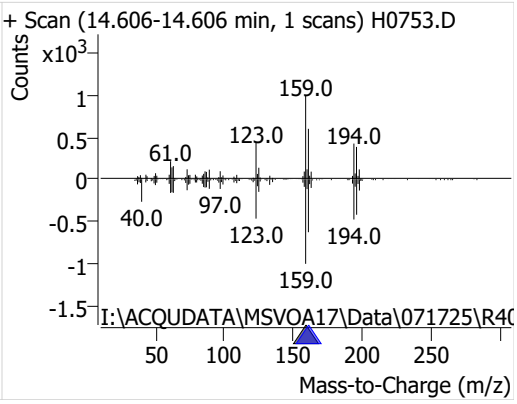


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





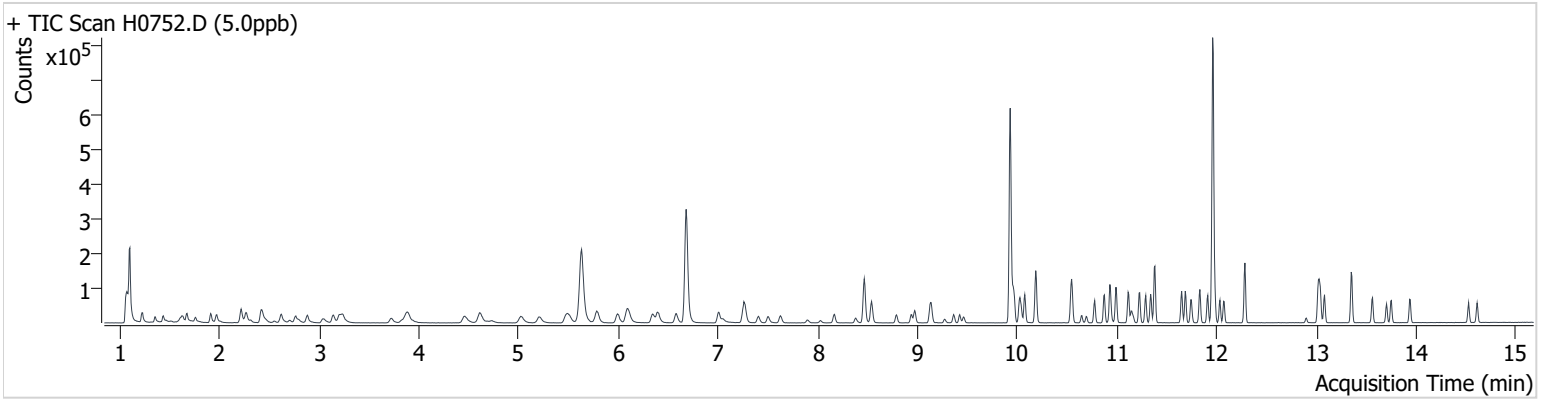


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0752.D

Acq. Date-Time	9/8/2025 4:02:09 PM	**Name**	5.0ppb
Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	208571	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	337392	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	293889	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	164245	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	20370	9.3649	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	83279	9.9058	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	25499	9.6484	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	24451	9.7392	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	13333	5.2151	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	13704	5.3968	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	11749	5.0498	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	13963	5.1261	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	12331	5.6376	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	9611	4.8152	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	22856	5.5641	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	19586	5.2657	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.002	11958	5.3944	ug/L
Diethyl Ether	59.000	0.394	0.000	2.218	0.001	9232	4.8364	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.002	18275	5.4826	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.000	3030	22.5459	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	16981	5.0305	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.001	12321	5.3068	ug/L
Acetone	43.000	0.437	0.001	2.459	0.004	4846	5.1953	ug/L
Iodomethane	142.000	0.453	0.000	2.546	0.000	5894	4.0631	ug/L
2-Propanol	45.000	0.464	0.001	2.611	0.005	12792	93.6013	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.006	28111	4.9714	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	22415 LT	29.5231	ug/L
Methyl Acetate	43.000	0.496	0.001	2.790	0.003	9043	4.8873	ug/L

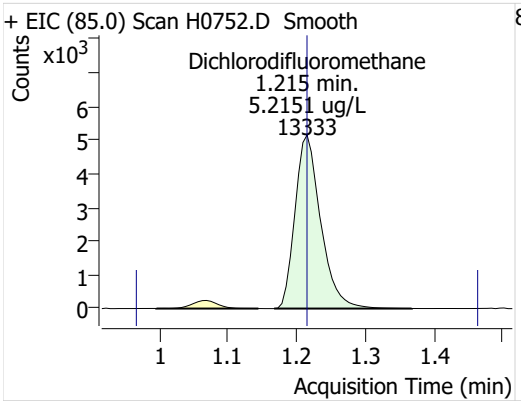
Masshunter Quantitative Analysis Sample Report

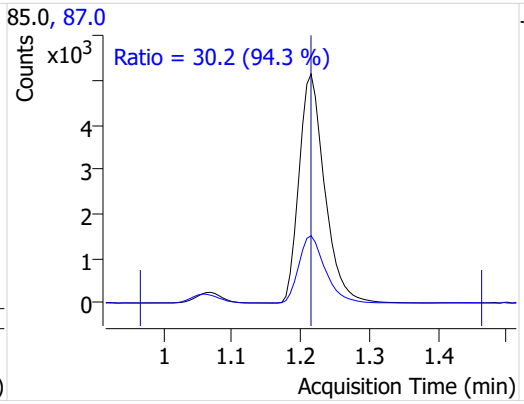
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	11477	5.0640	ug/L
TBA	59.000	0.540	0.002	3.038	0.009	18742	88.8479	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	22547	23.4999	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	14668	4.9100	ug/L
MTBE	73.000	0.574	0.001	3.227	0.006	28617	4.5844	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	19523	5.1006	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.825	0.002	12730	3.9414	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	8918	4.9611	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.003	31985	4.8924	ug/L
ETBE	59.000	0.792	0.001	4.454	0.004	29069	4.7515	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.001	11558	4.8411	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	13360	4.6722	ug/L
2-Butanone	43.000	0.834	0.002	4.687	0.015	5610	4.7787	ug/L
Propionitrile	54.000	0.841	0.001	4.726	0.006	8822	23.9249	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	8359	4.9841	ug/L
Methylacrylonitrile	67.000	0.894	0.001	5.025	0.006	4301	4.4784	ug/L
Tetrahydrofuran	42.000	0.926	0.006	5.204	0.035	3245	4.5569	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	19334	4.9109	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	16367	5.0670	ug/L
Cyclohexane	84.000	0.841	0.001	5.610	0.003	21849	5.5495	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.001	13985	4.8475	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	13682	5.0978	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	41187	5.1007	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	15206	4.8692	ug/L
Iso-Butyl Alcohol	43.000	0.917	0.002	6.116	0.014	6496	103.6457	ug/L
TAME	73.000	1.127	0.001	6.336	0.006	25911	4.5639	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	13120	5.2378	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	12475	5.0266	ug/L
1-Butanol	56.000	1.056	0.003	7.043	0.018	10466	188.3320	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	14890	5.0864	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	11247	5.0653	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	8050	5.0793	ug/L
1,4-Dioxane	88.000	1.124	0.003	7.500	0.018	2917	89.2634	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	6696	4.3964	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	13707	4.6552	ug/L
2-Nitropropane	43.000	1.183	0.000	7.892	0.001	5737	9.3206	ug/L
2-Chloroethylvinyl Ether	63.000	1.203	0.000	8.022	0.002	2819	4.2567	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	12937	4.4177	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.001	8.374	0.005	9815	4.5733	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	43749	4.9508	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	11231	4.3649	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	11144	4.1514	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	10052	4.9358	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	11733	5.2877	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	15523	4.5685	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	3836	4.6194	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	10920	4.6124	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.417	0.002	14365	4.5285	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.003	9836	4.9865	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	31004	5.0364	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	17193	5.3627	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	15632	5.1406	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	10649	4.9685	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	47699	5.0104	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	72330	10.0861	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	37114	4.8472	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	31043	4.8247	ug/L
Bromoform	172.900	1.077	0.001	10.689	0.003	6537	4.5141	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	16560	5.1586	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	44323	5.1254	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	37025	108.6098	ug/L

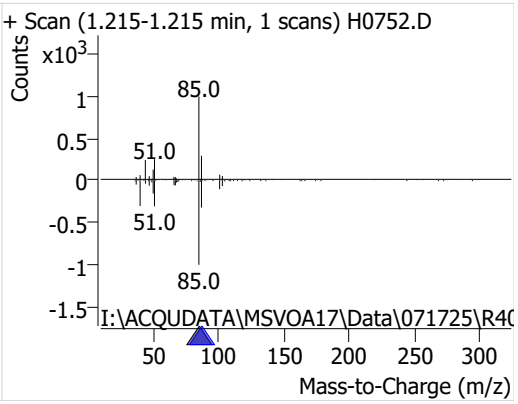
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Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	12103	4.6414	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.003	13347	5.1418	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.002	14960	4.6414	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	3231 NI	4.7588	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	56158	5.3902	ug/L
2-Chlorotoluene	91.100	0.943	0.000	11.281	0.001	32219	5.1414	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.001	33615	5.3266	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	40697	5.1223	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	42325	4.9655	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	40294	5.1447	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	38422	4.9363	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	12052	5.2241	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	53524	5.3433	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	25383	5.1340	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	44348	5.1273	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	26964	5.1768	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	10533	4.9469	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	12388	5.0560	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	24558	5.0841	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	39791	5.1164	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	3130	4.8215	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	66992	15.1810	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	19386	5.1707	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	49022	10.3197	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	17194	4.9218	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	7019	5.3970	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	42324	4.7605	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	16181	4.8026	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	11582	4.6420	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	10812	4.8594	ug/L

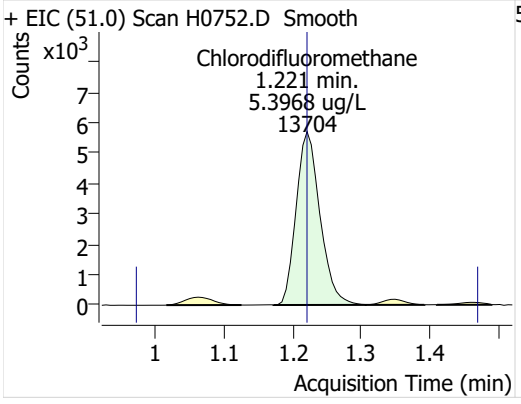
Dichlorodifluoromethane

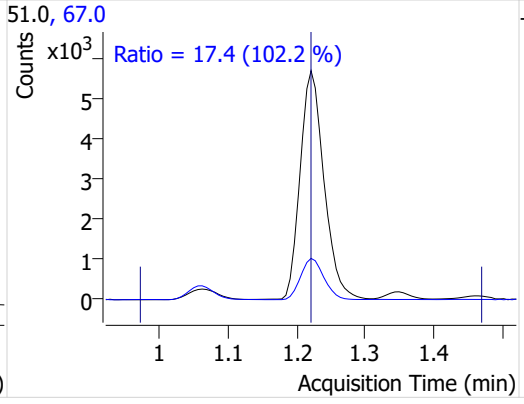


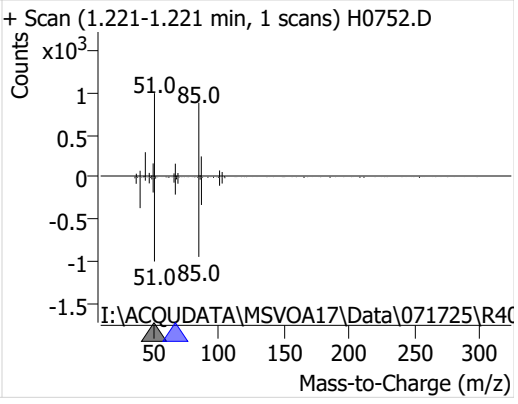




Chlorodifluoromethane

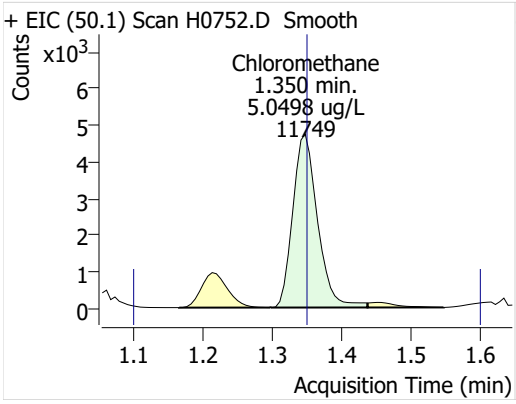


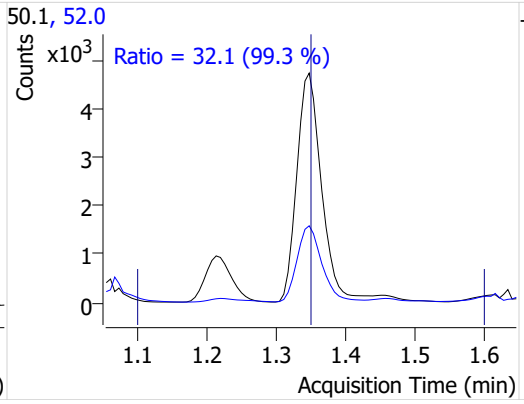


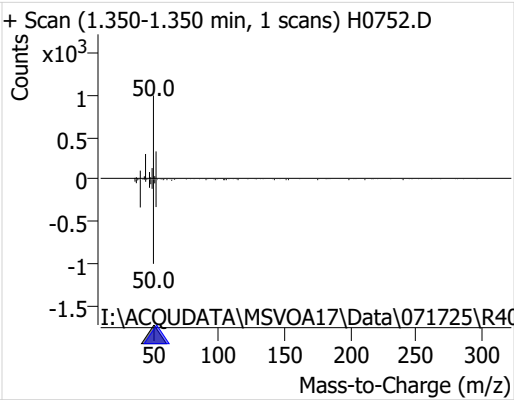


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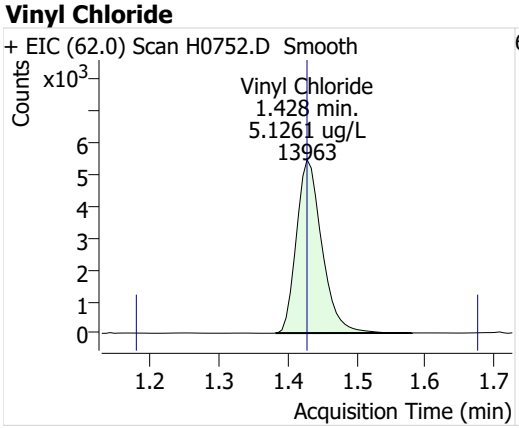
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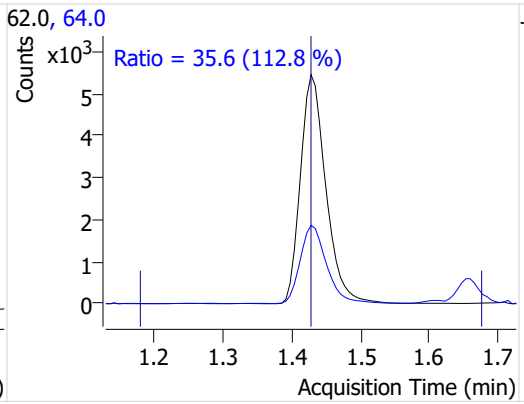


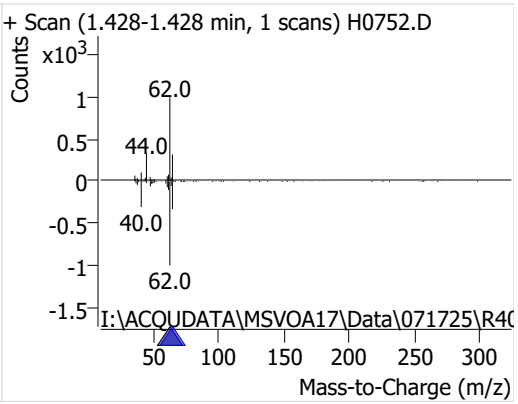




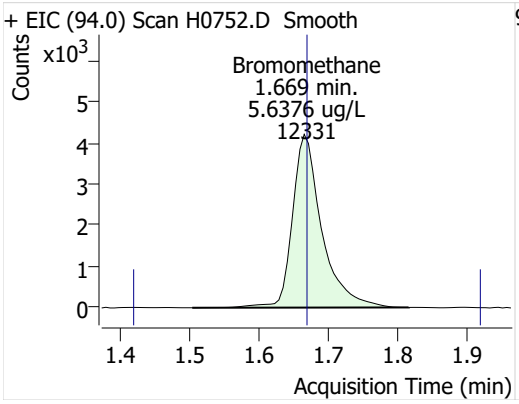
Vinyl Chloride

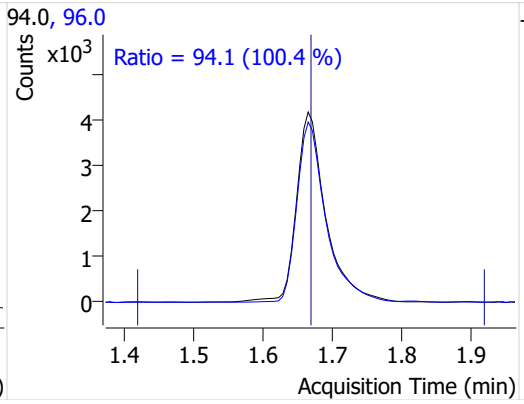


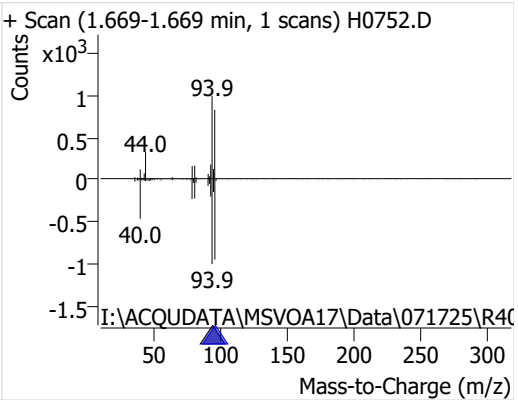




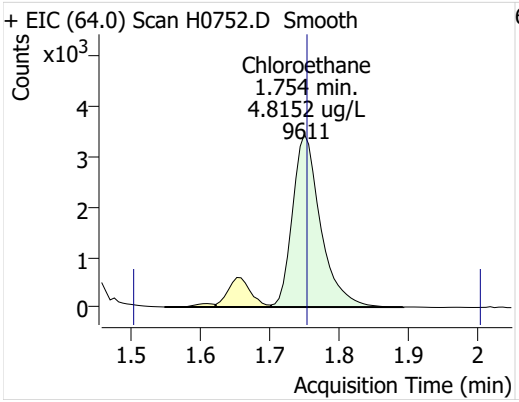
Bromomethane

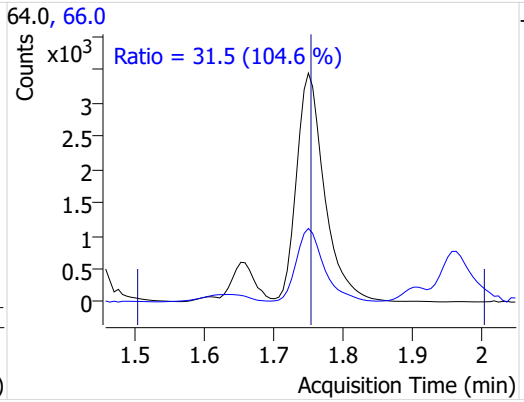


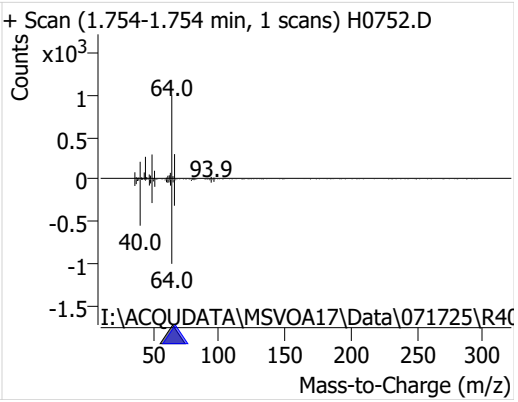




Chloroethane

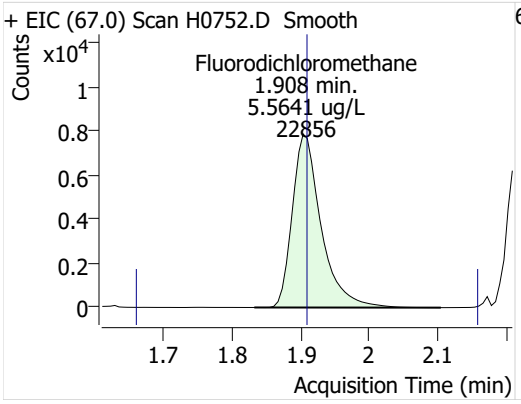


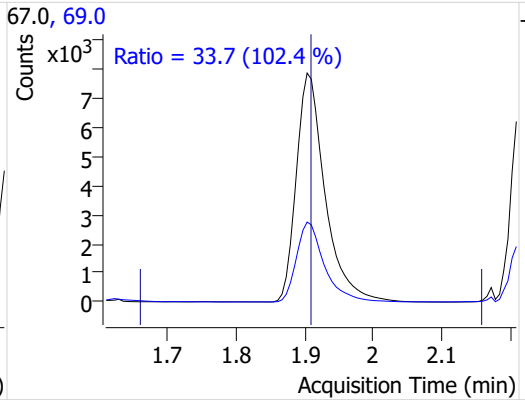


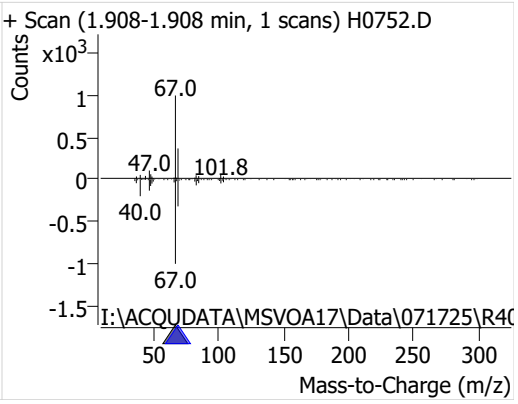


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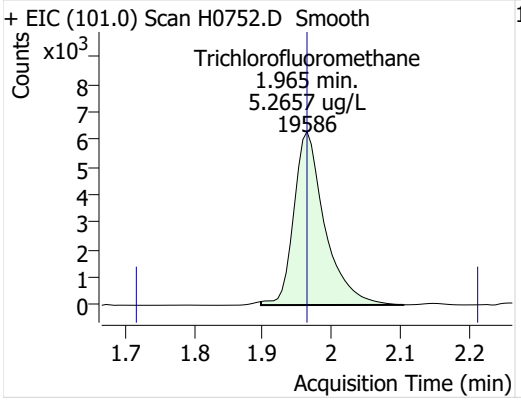
Fluorodichloromethane

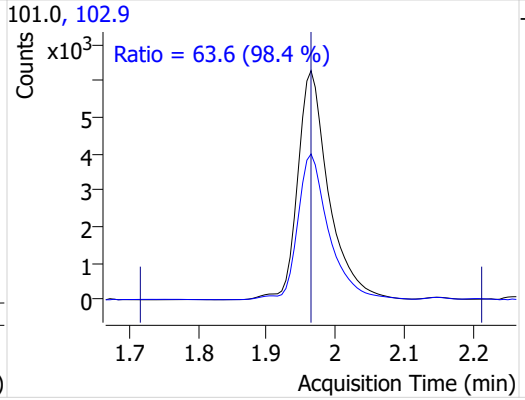


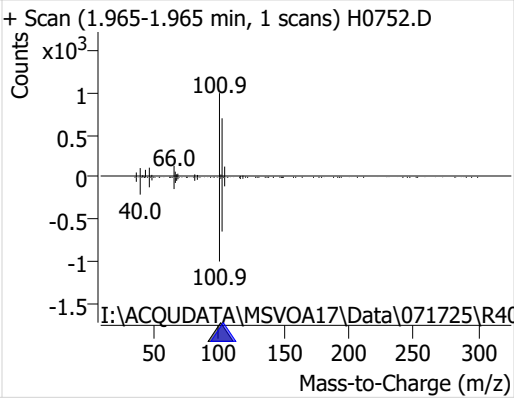




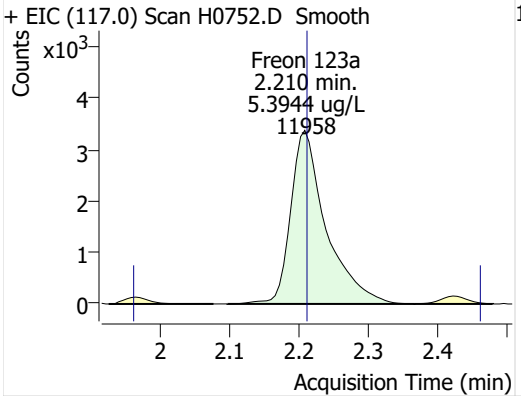
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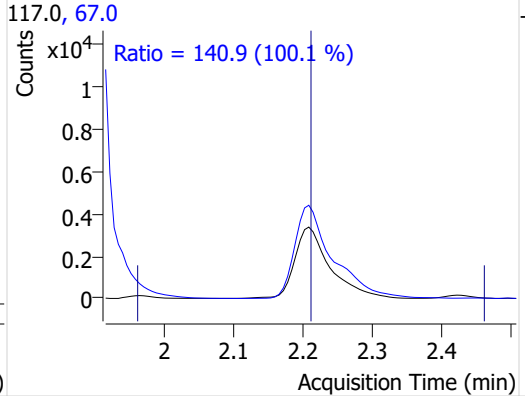


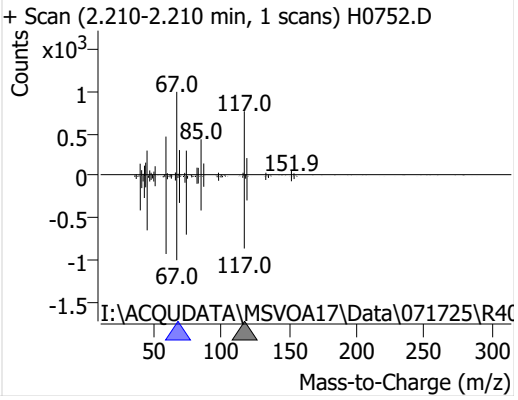




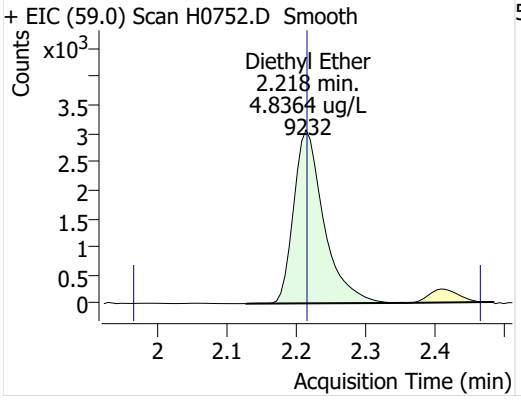
Freon 123a

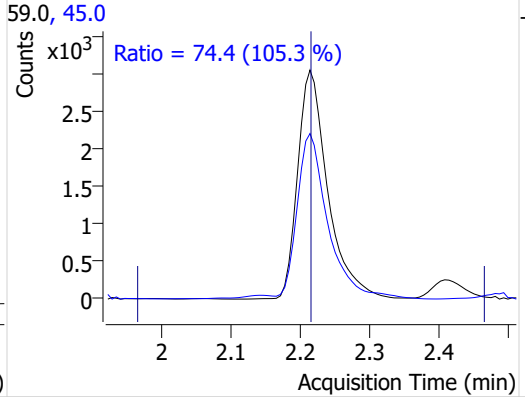


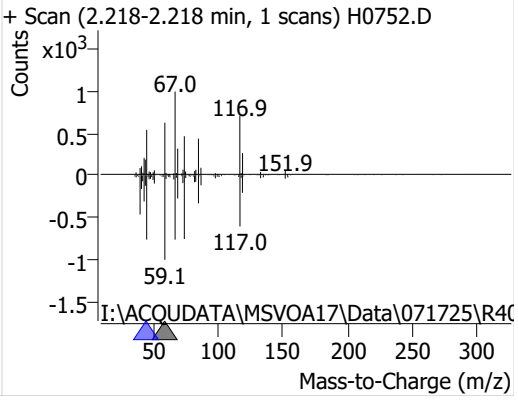




Diethyl Ether

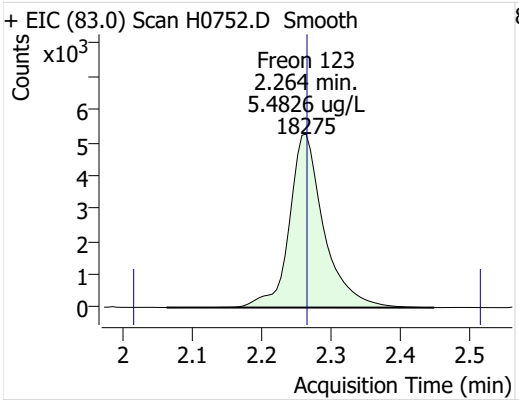


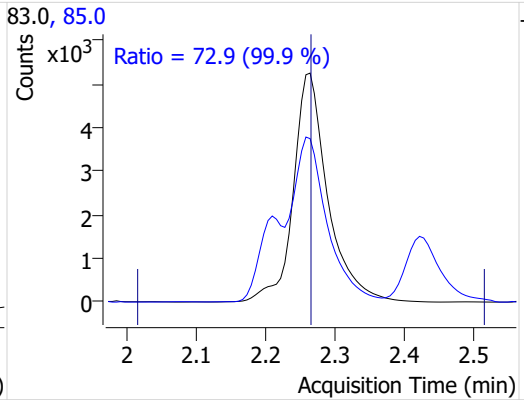


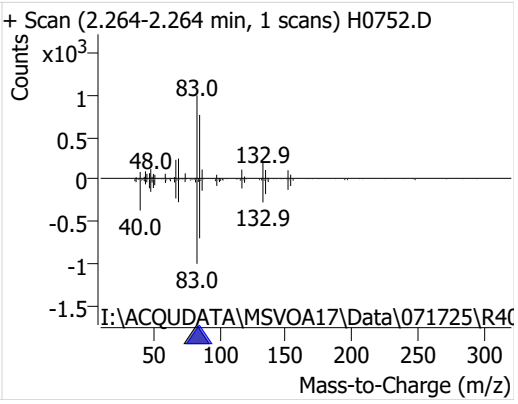


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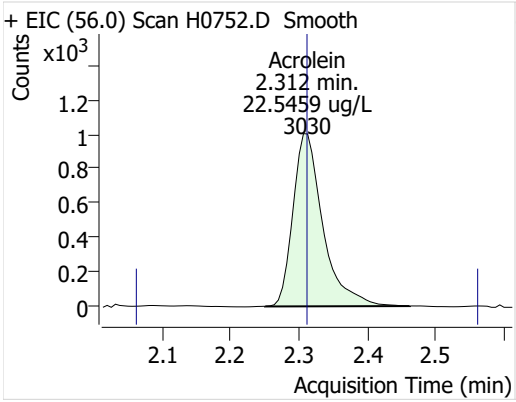
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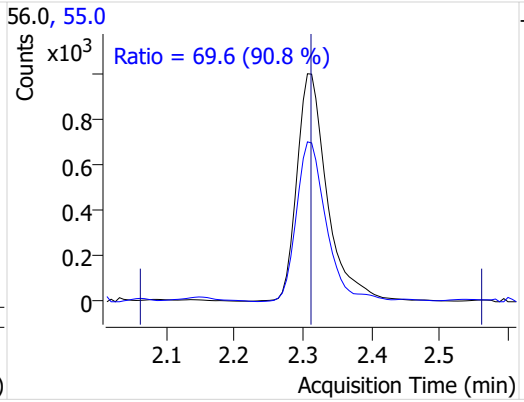


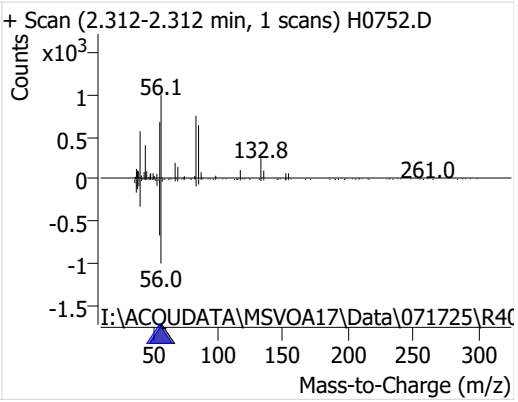




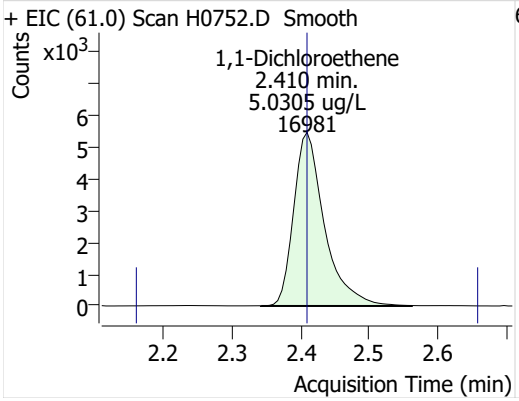
Acrolein

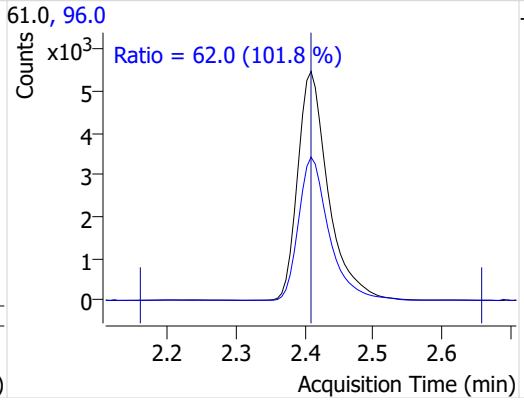


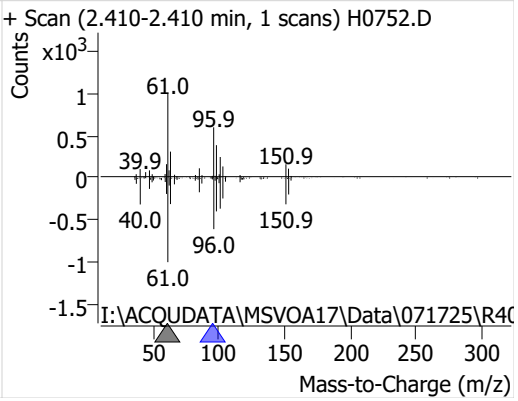




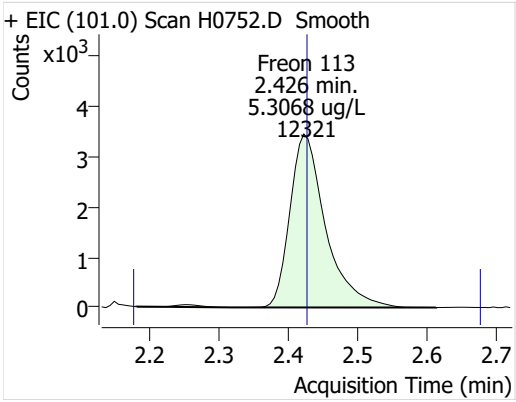
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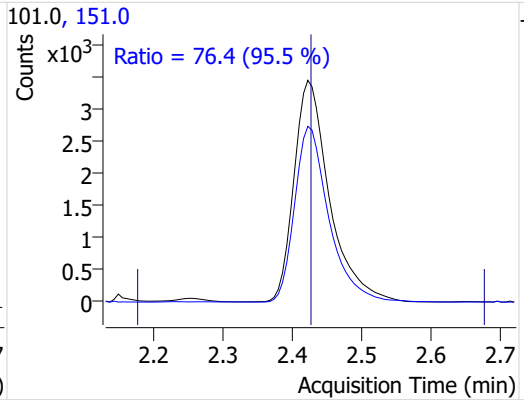


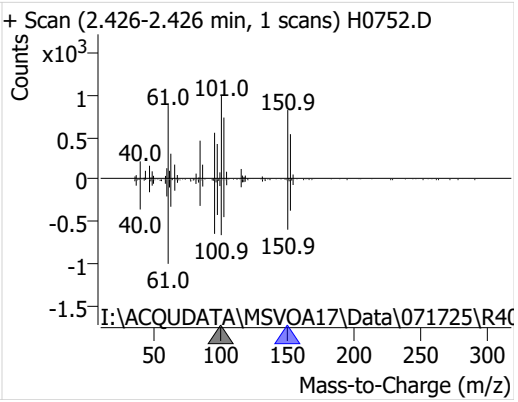




Freon 113

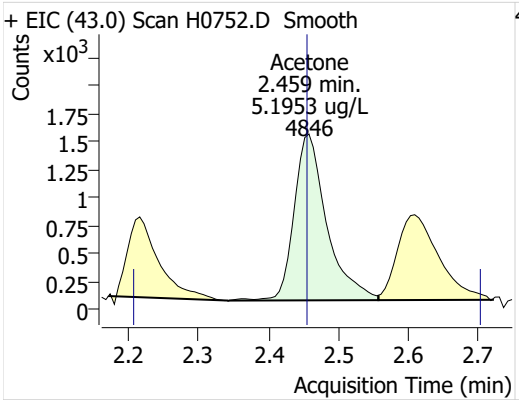


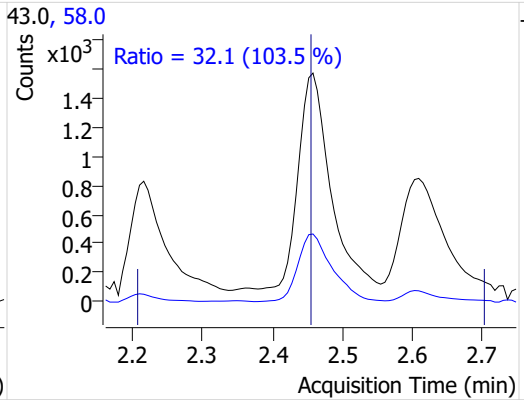


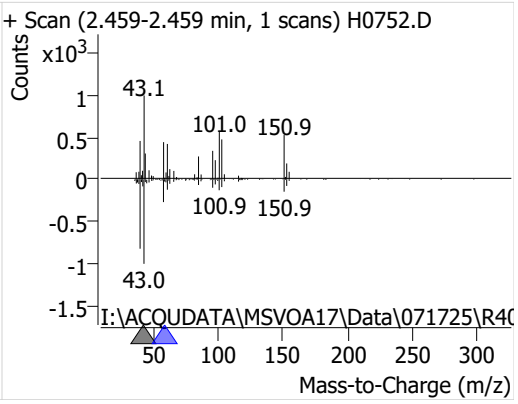


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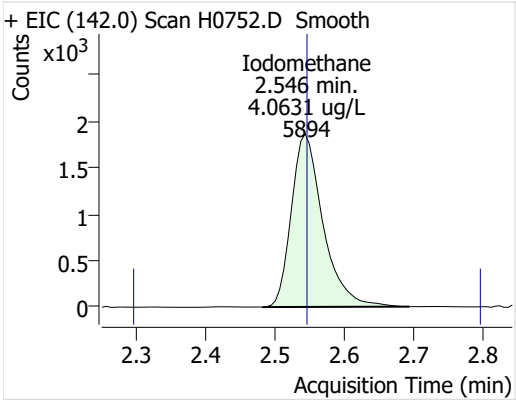
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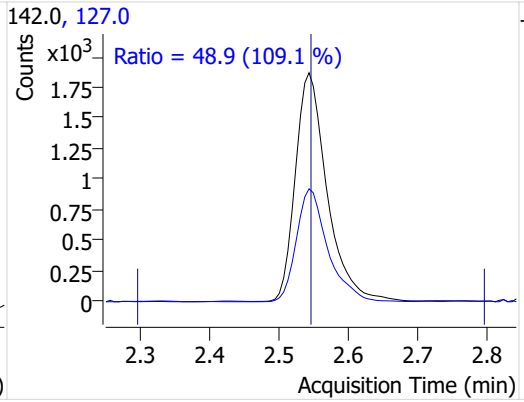


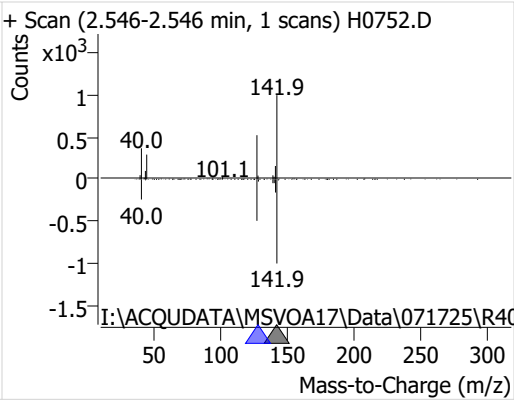




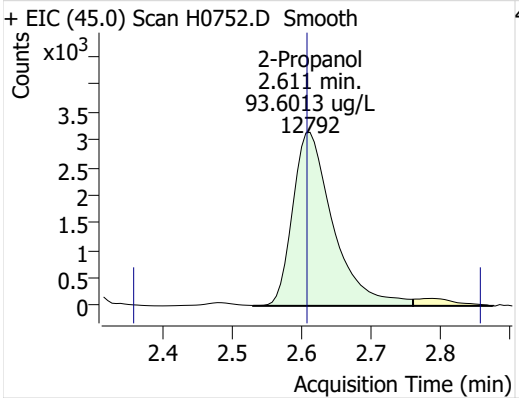
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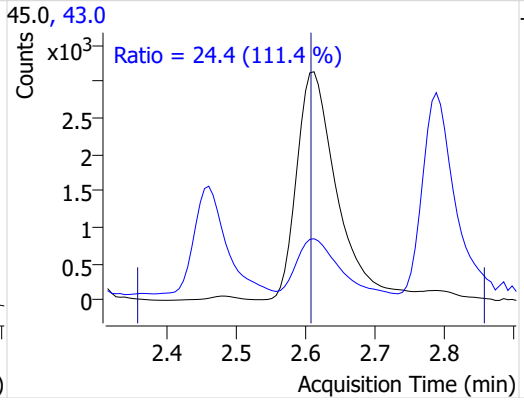


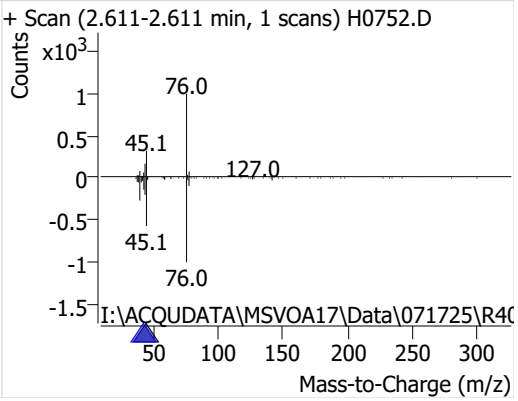




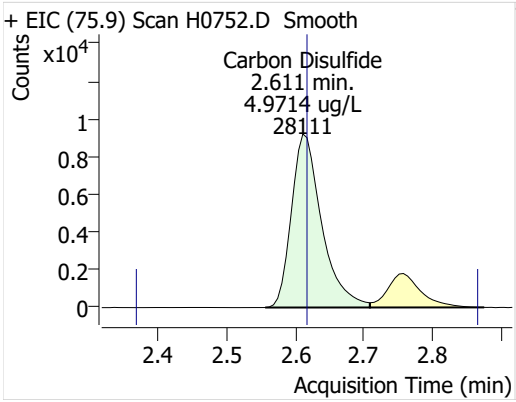
2-Propanol

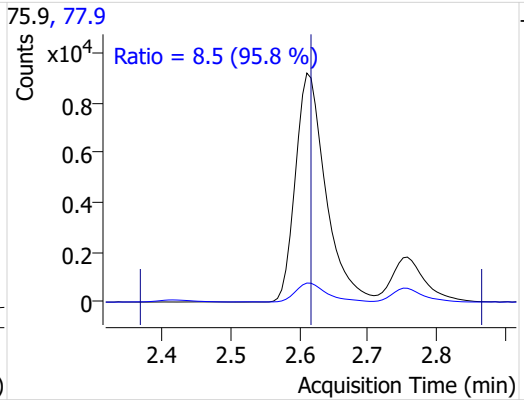


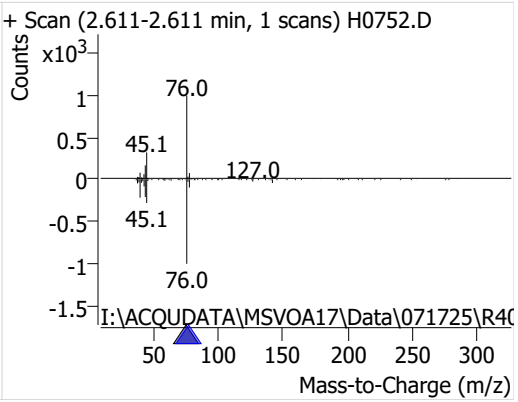




Carbon Disulfide

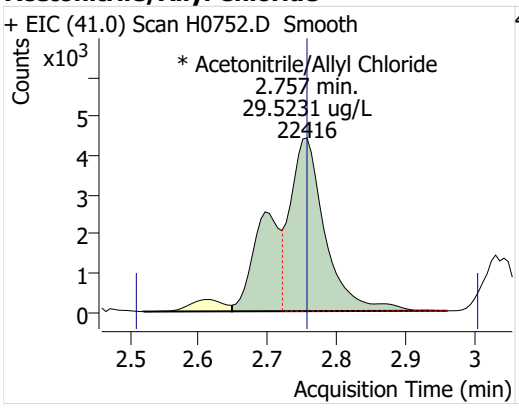


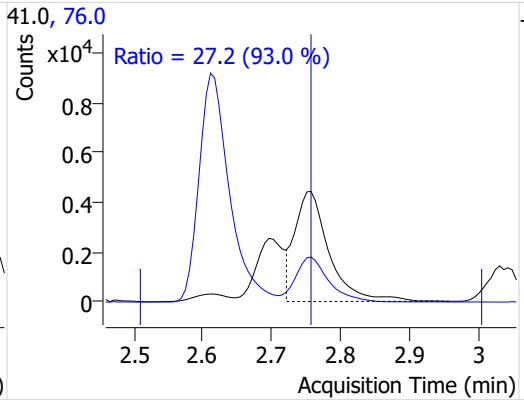


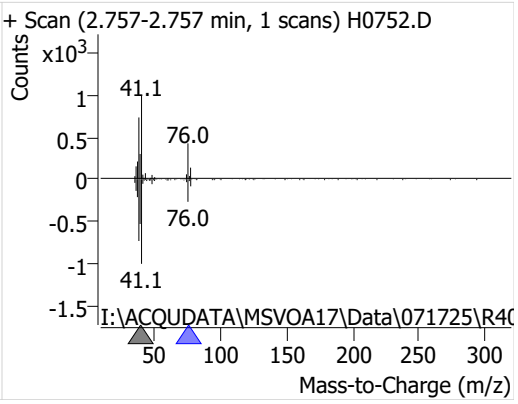


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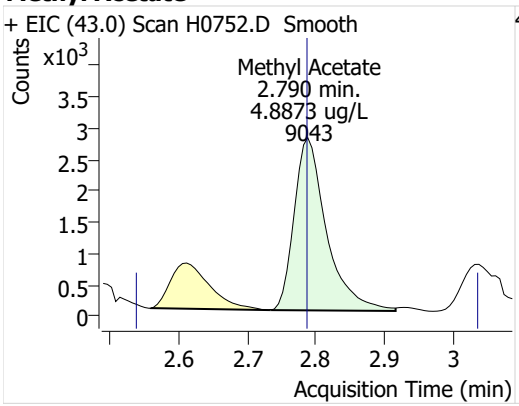
Acetonitrile/Allyl Chloride

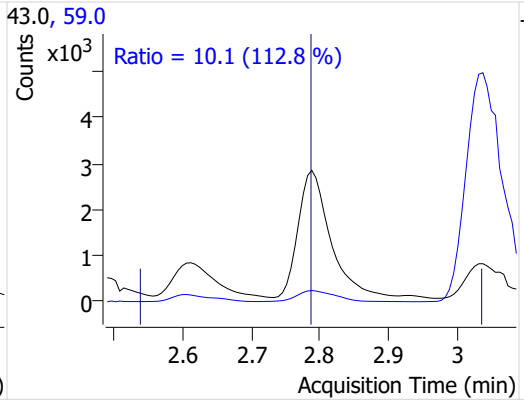


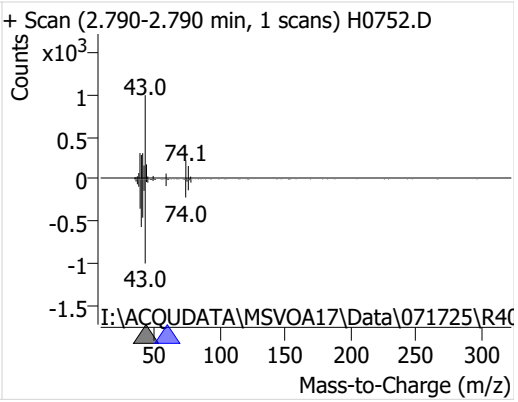




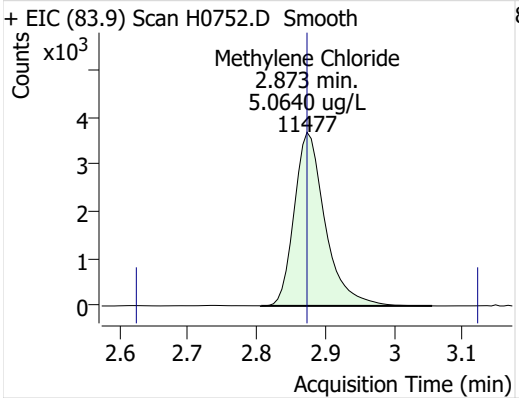
Methyl Acetate

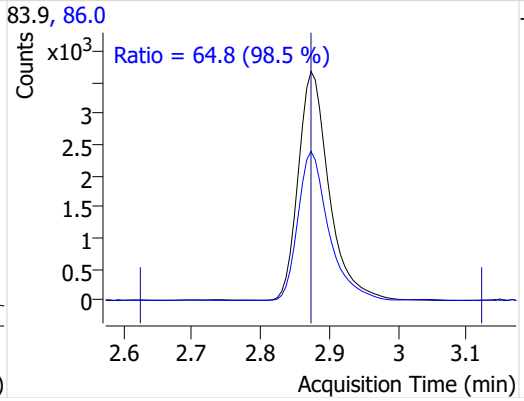


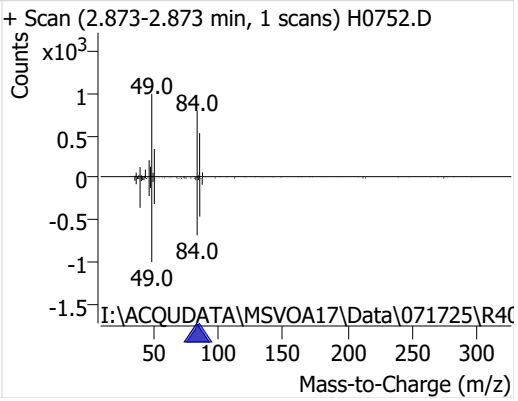




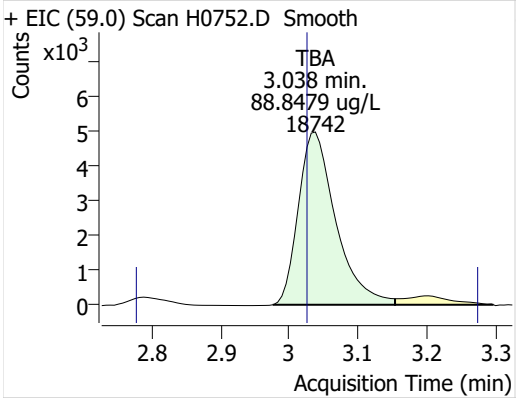
Methylene Chloride

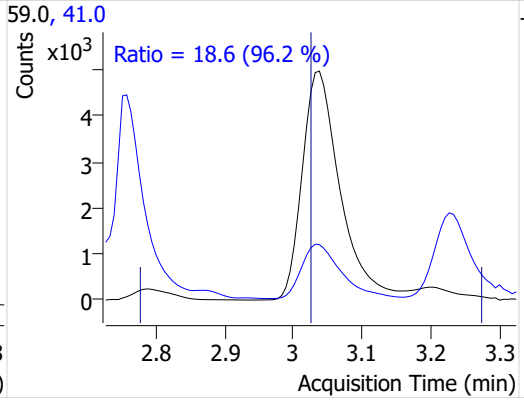


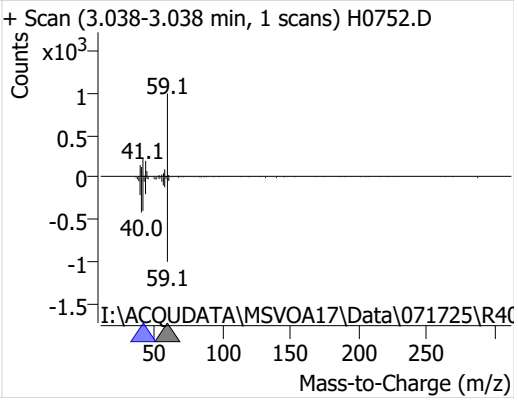




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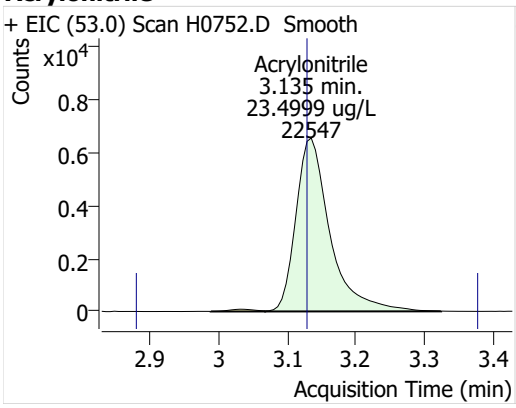


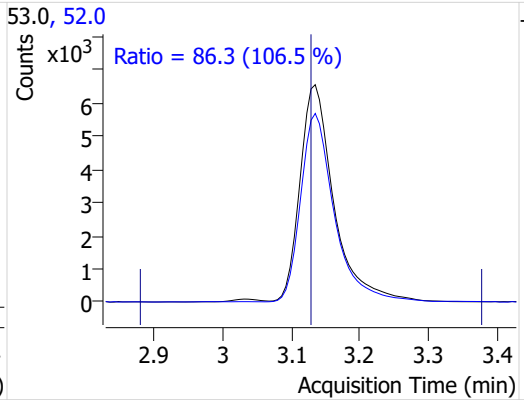


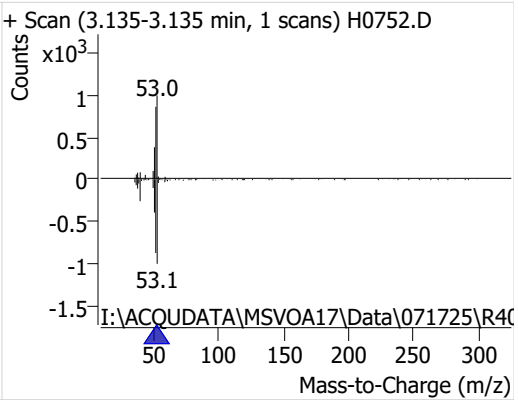


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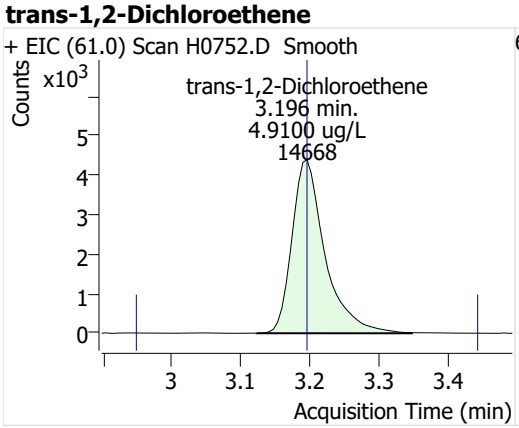
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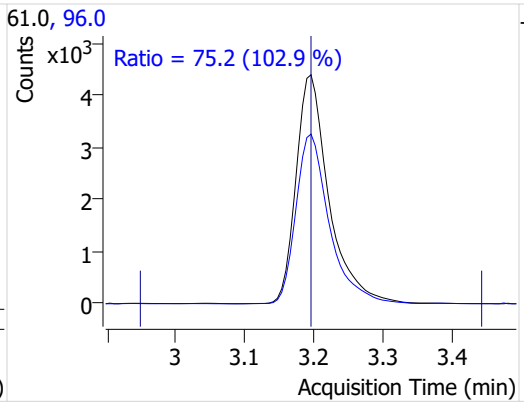


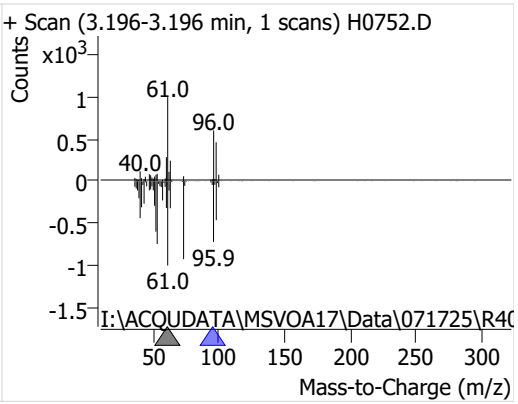




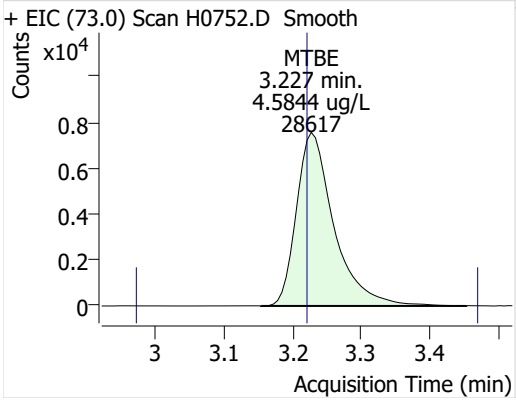
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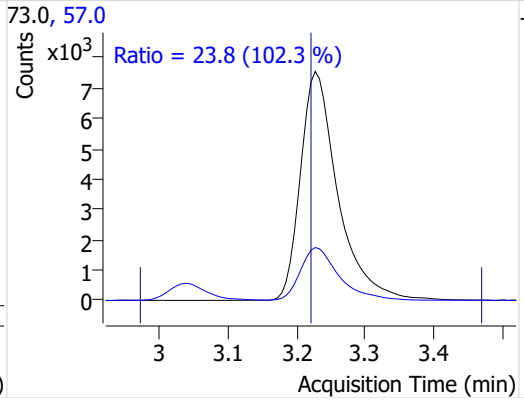


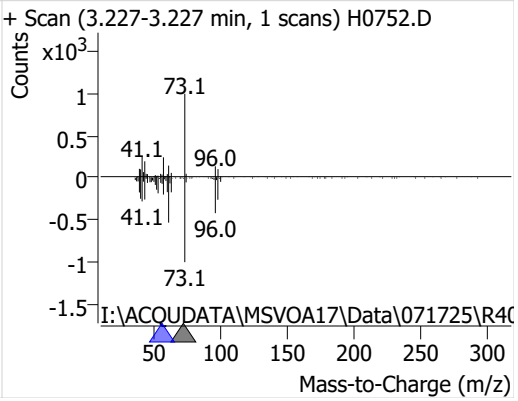




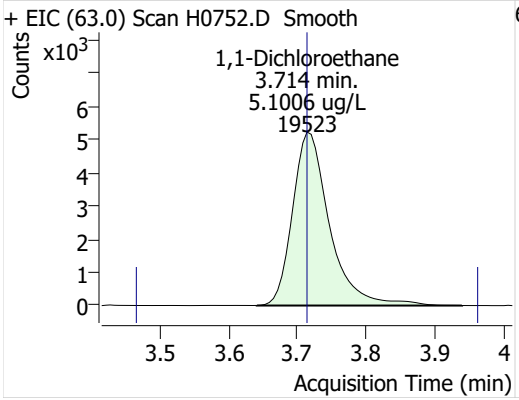
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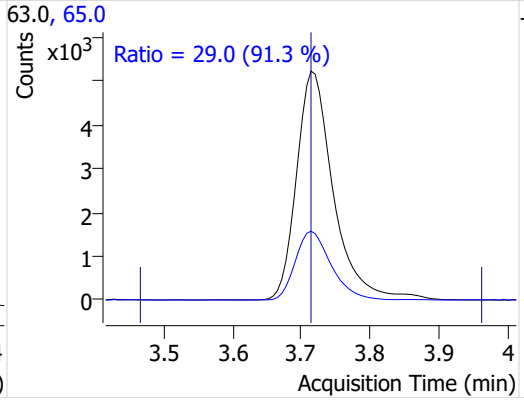


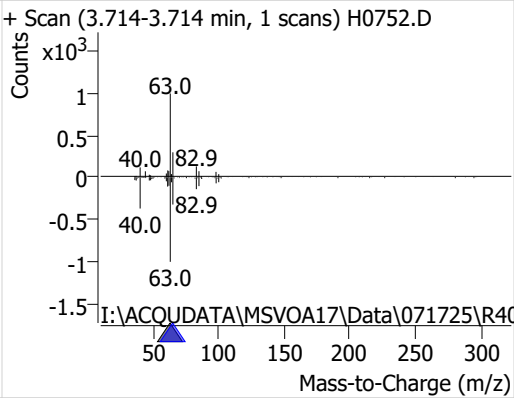




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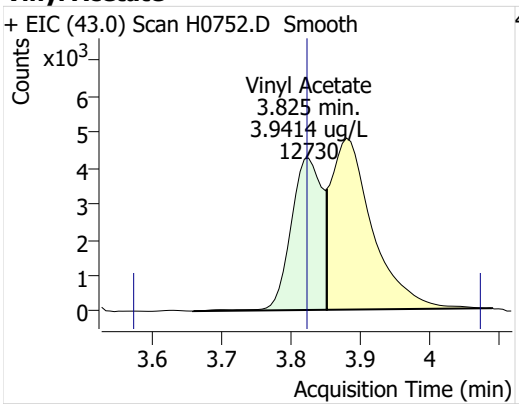


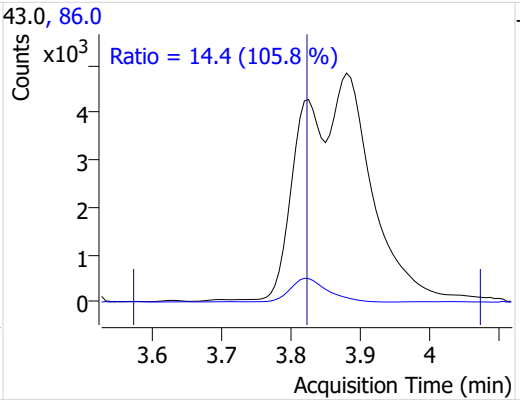


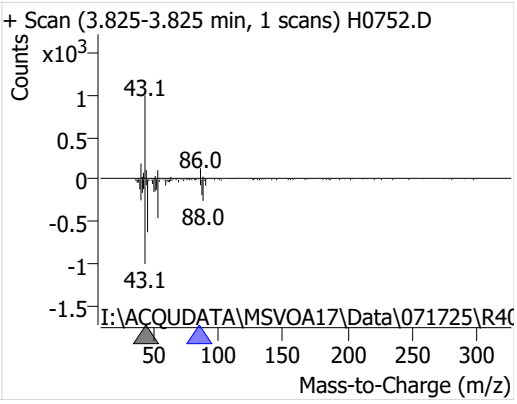


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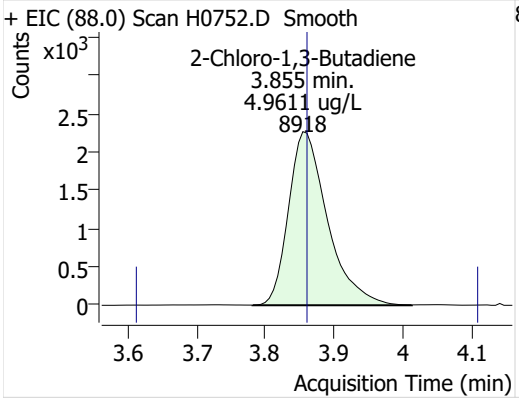
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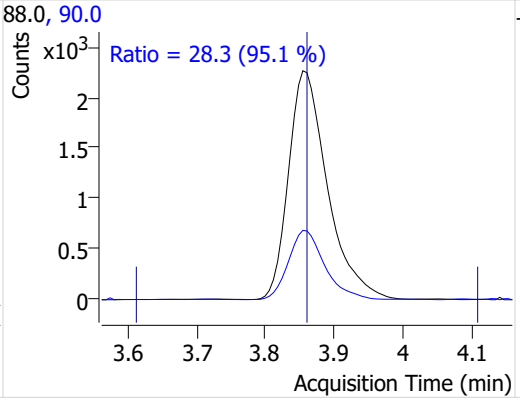


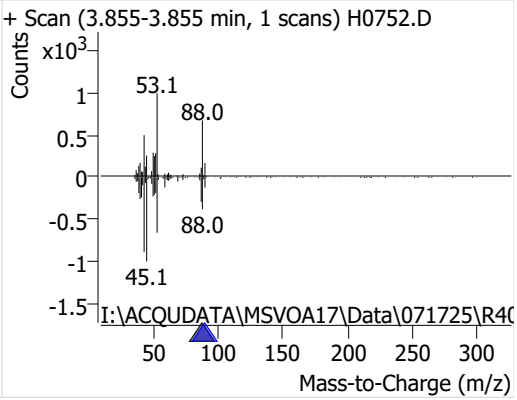




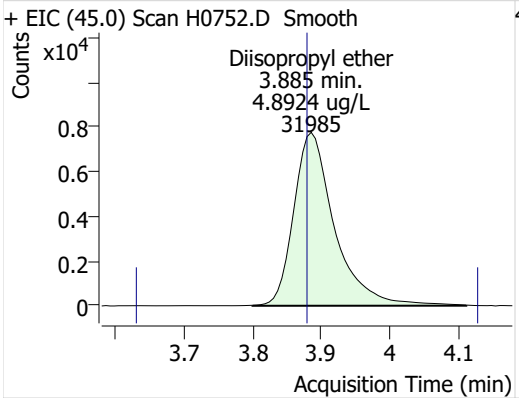
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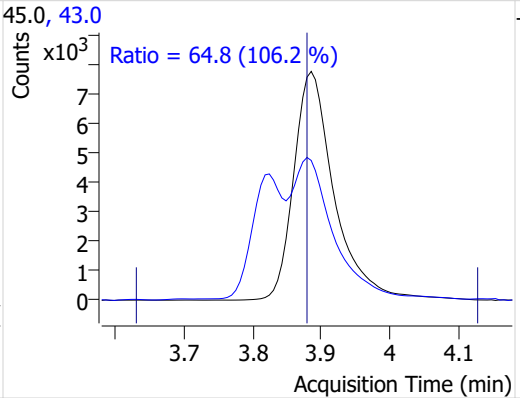


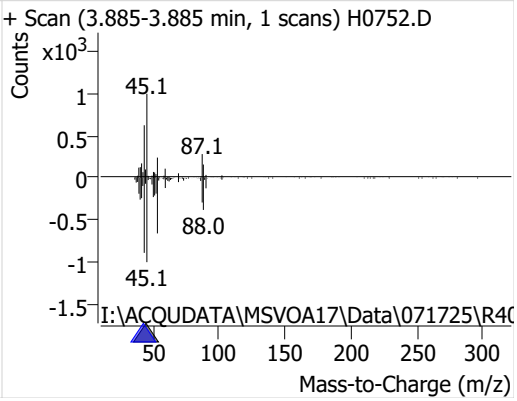




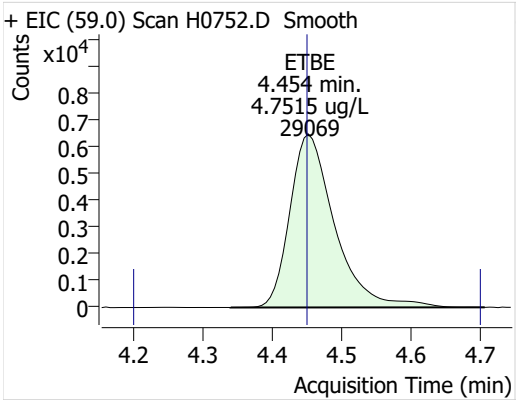
Diisopropyl ether

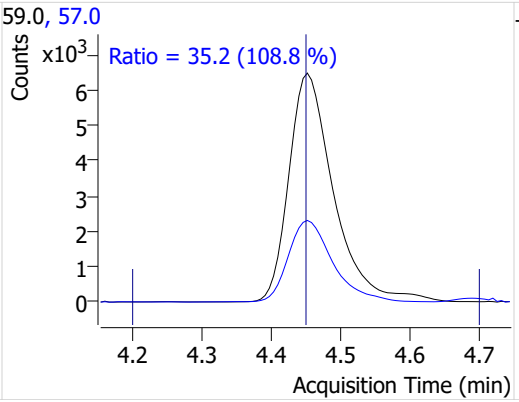


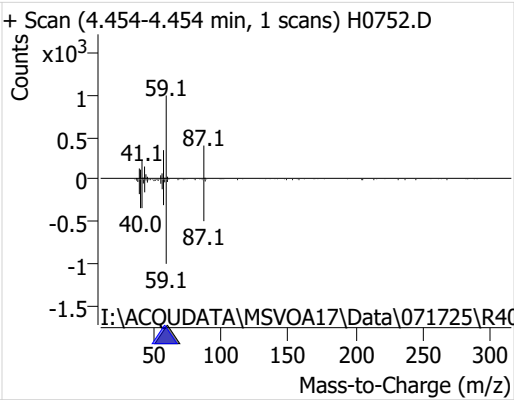




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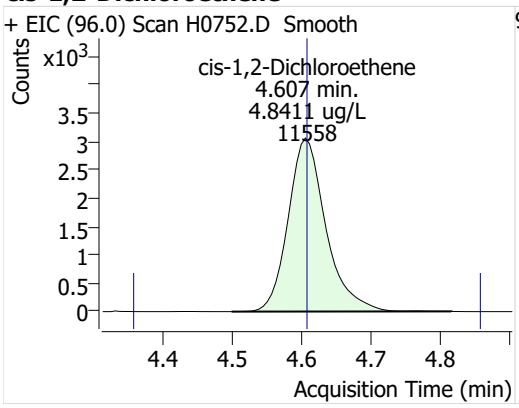


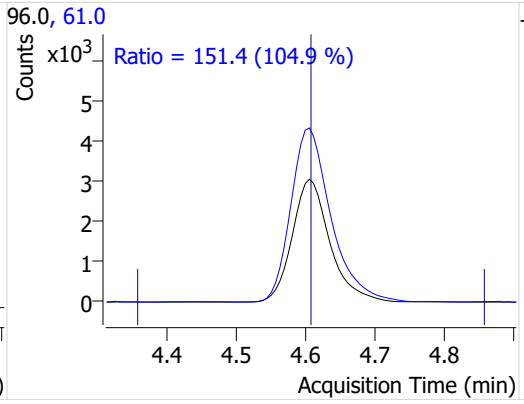


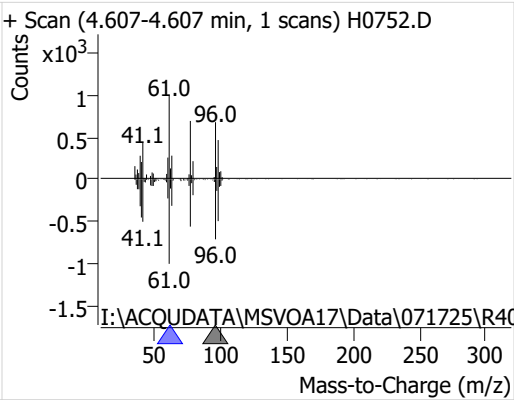


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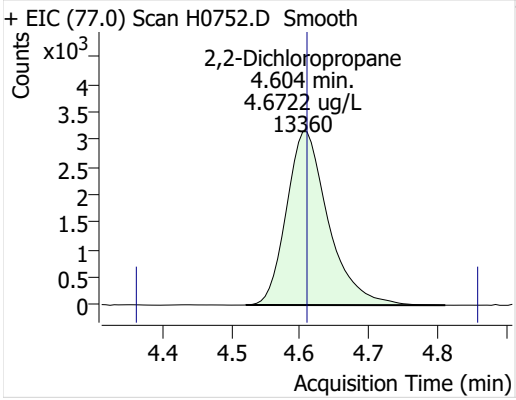
cis-1,2-Dichloroethene

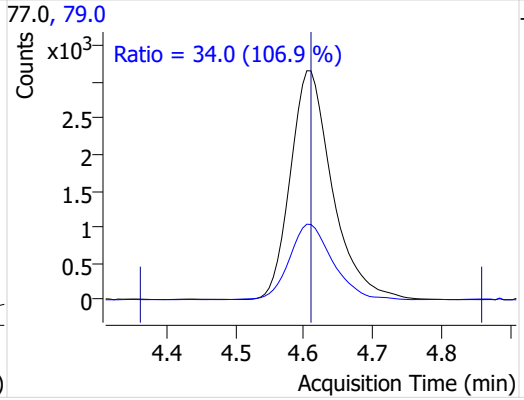


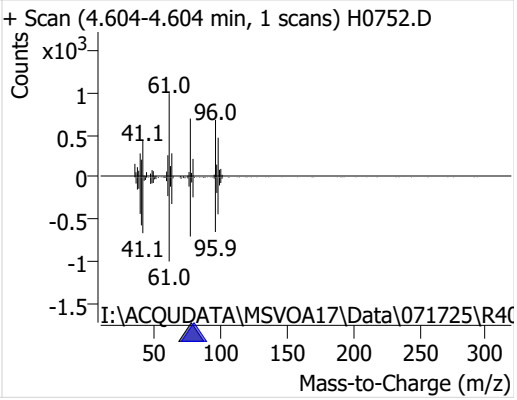




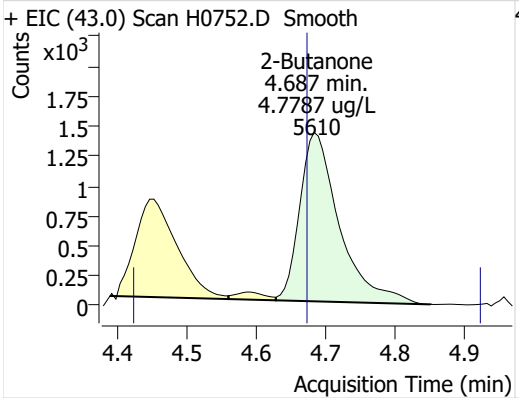
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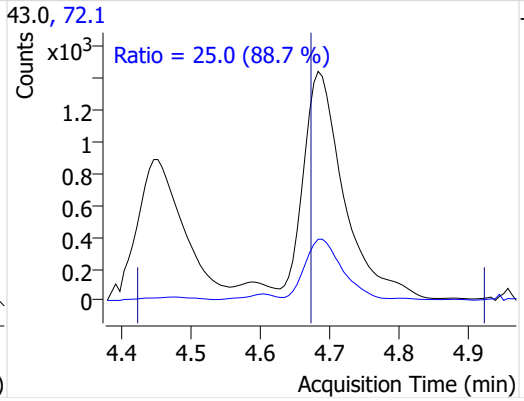


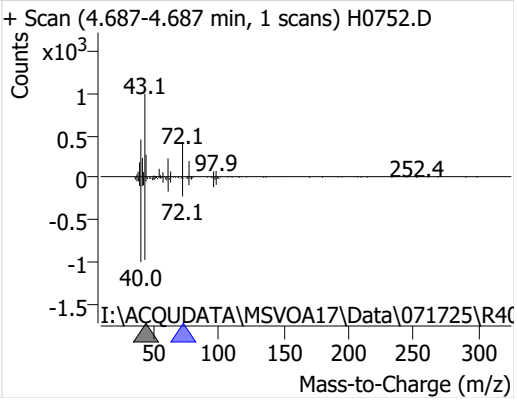




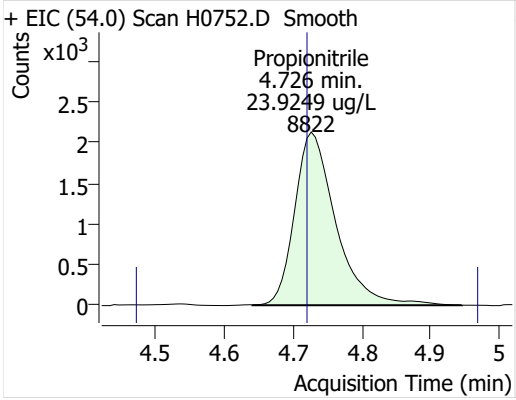
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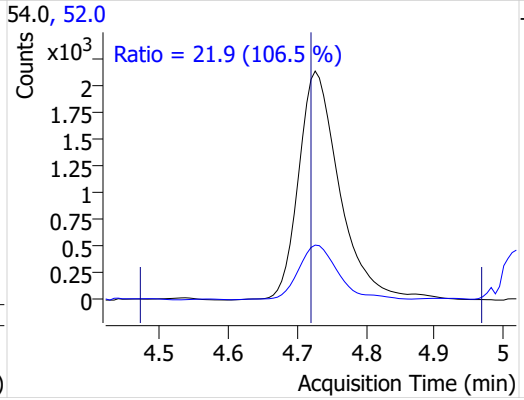


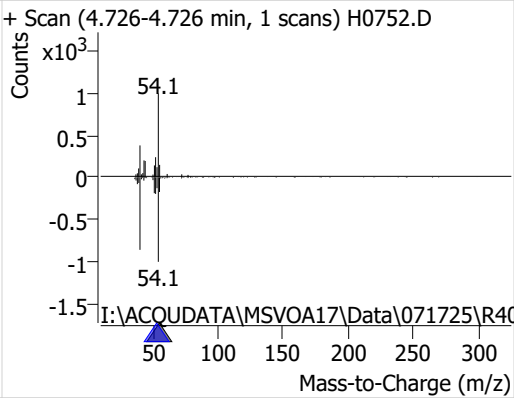




Propionitrile

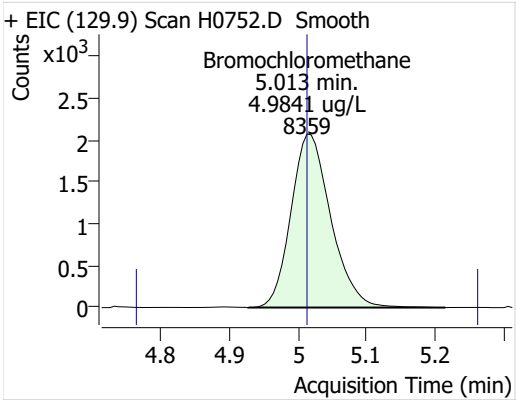


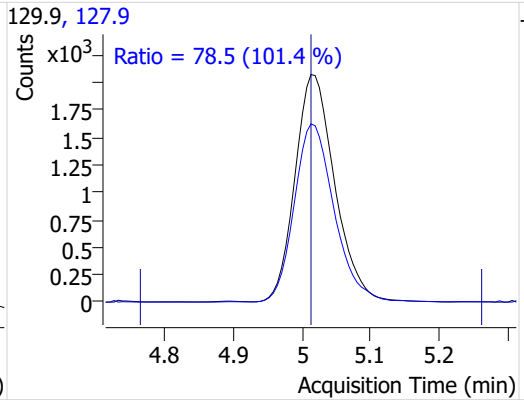


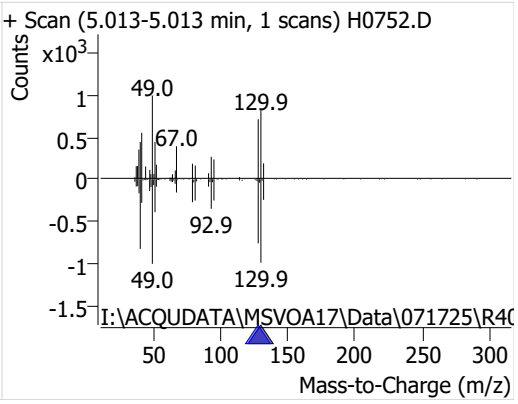


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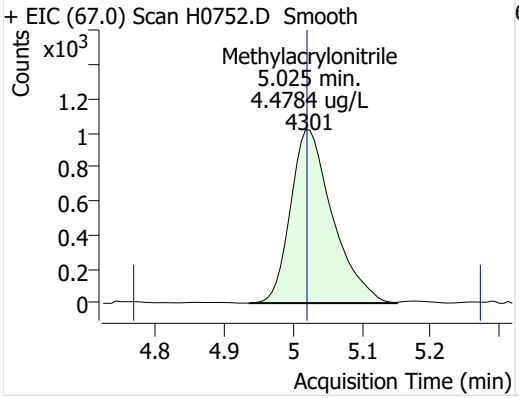
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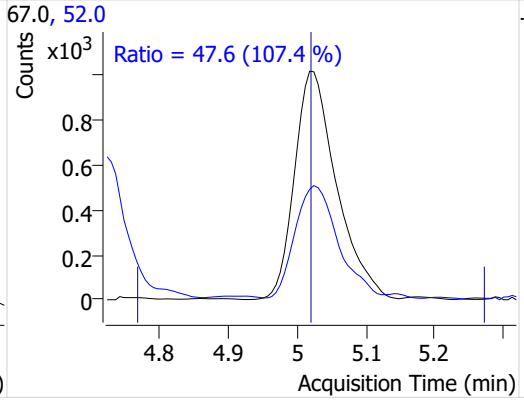


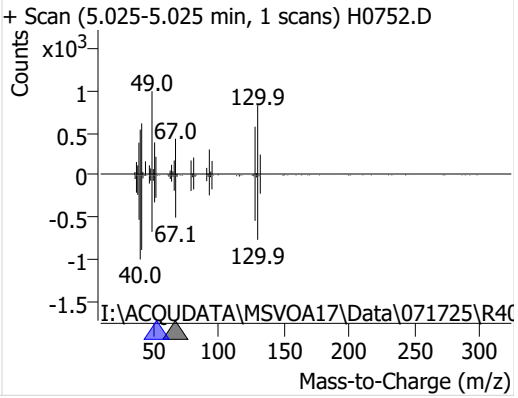




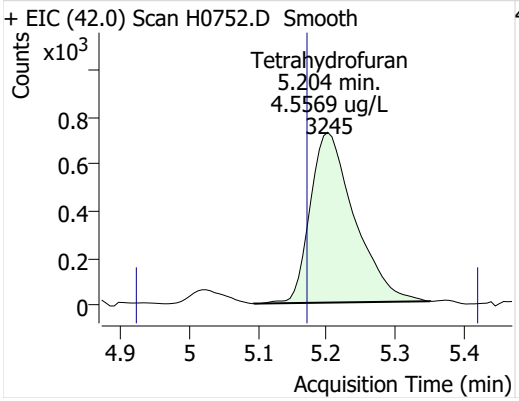
Methylacrylonitrile

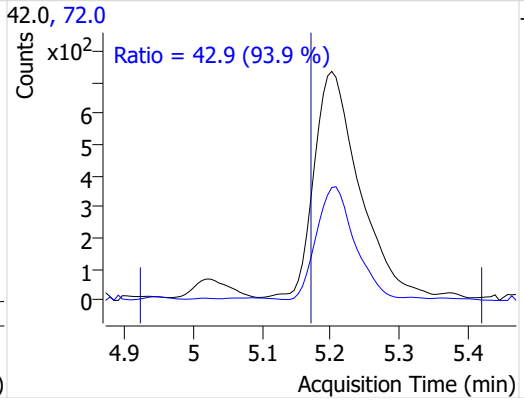


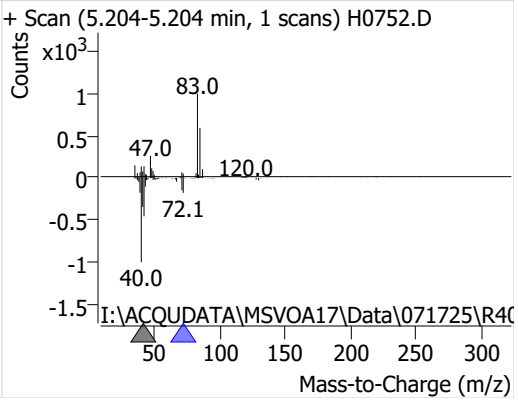




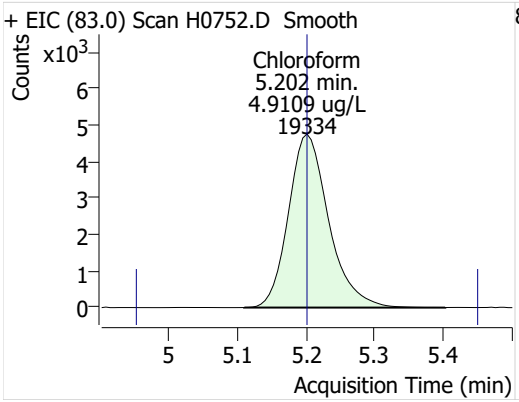
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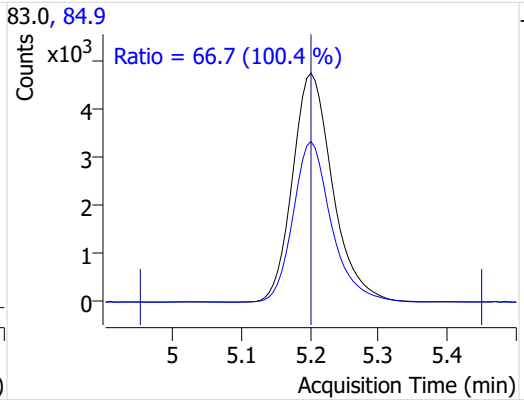


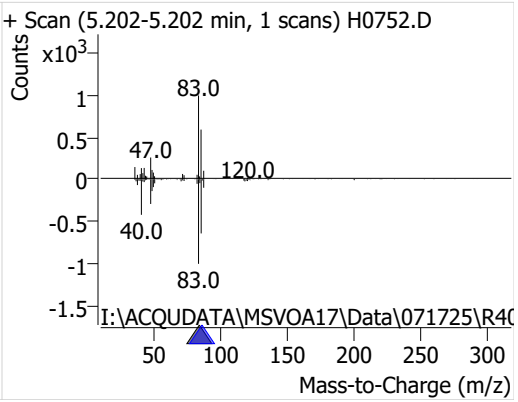




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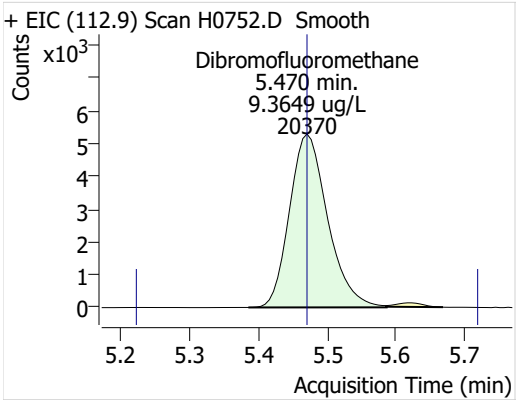


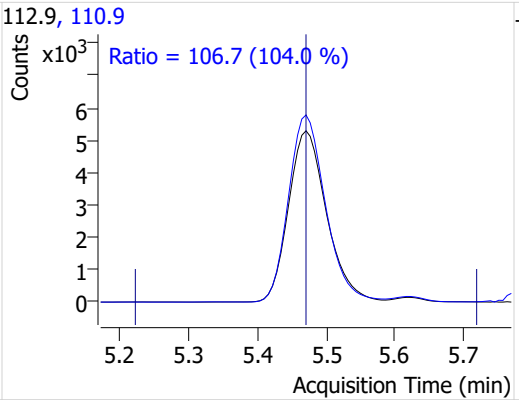


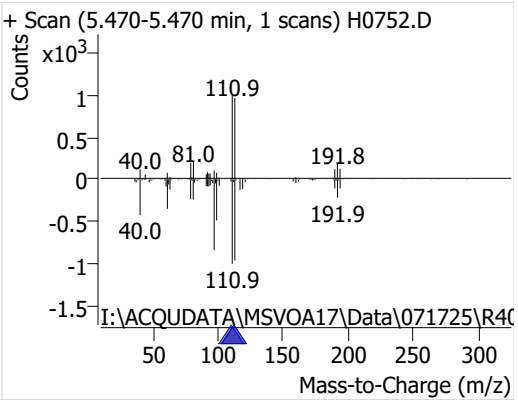


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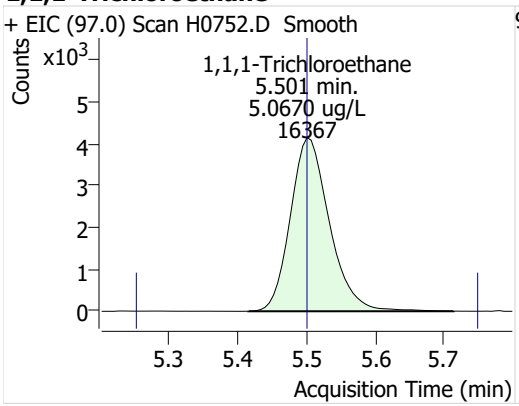
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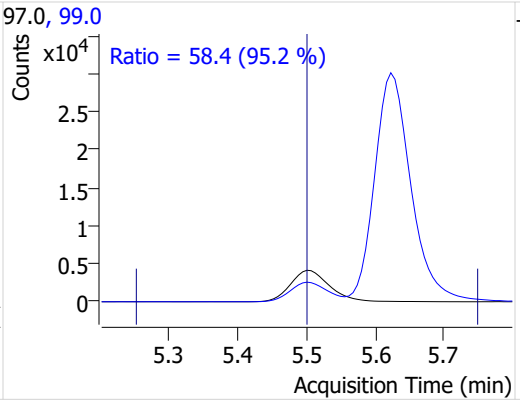


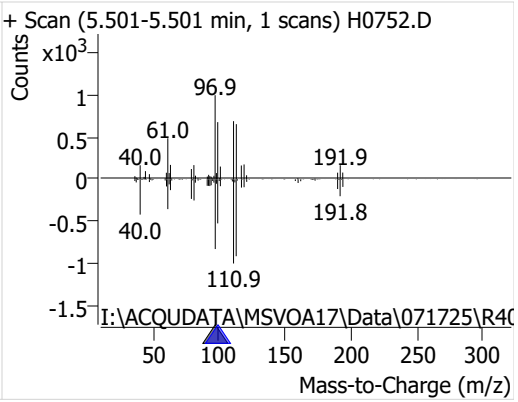




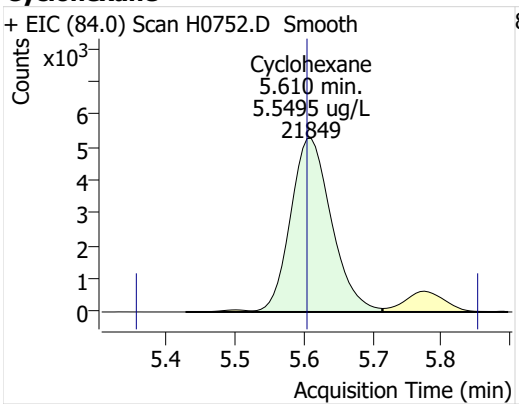
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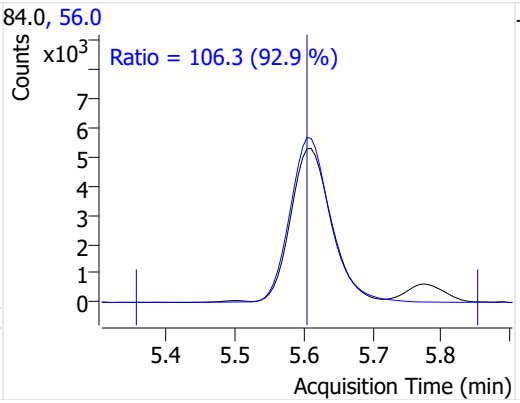


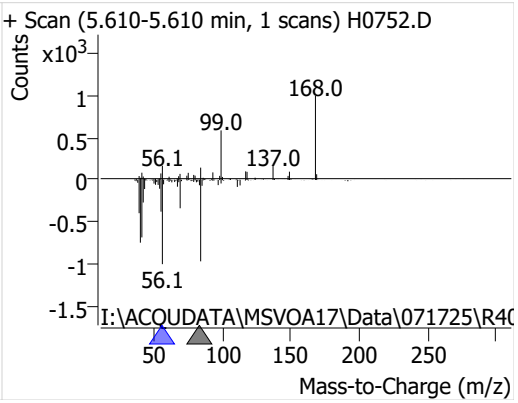




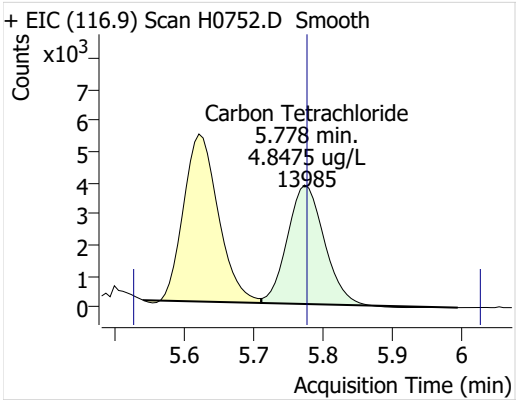
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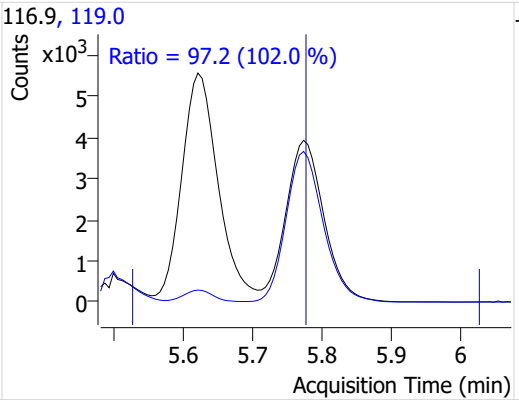


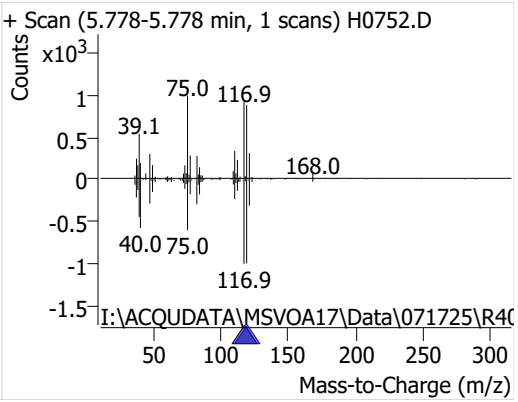




Carbon Tetrachloride

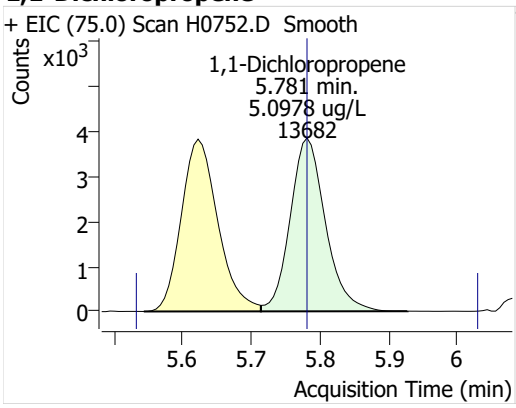


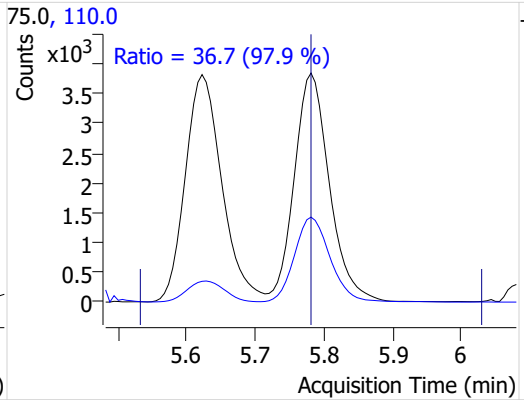


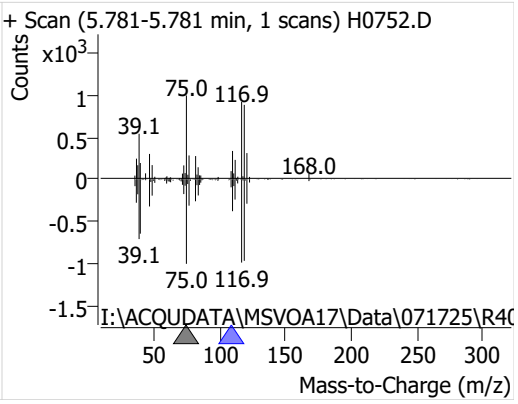


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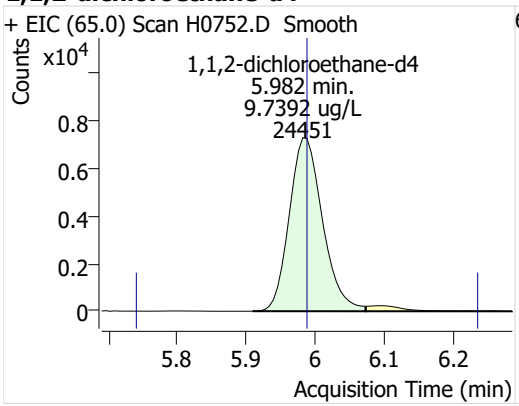
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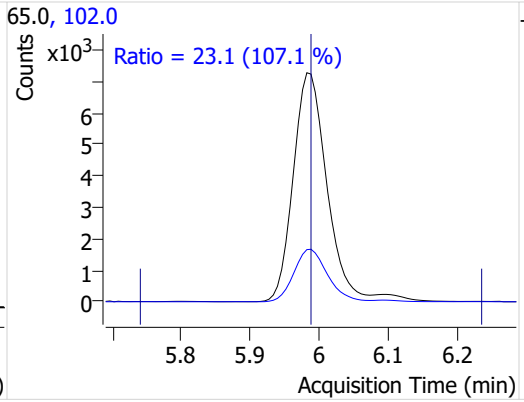


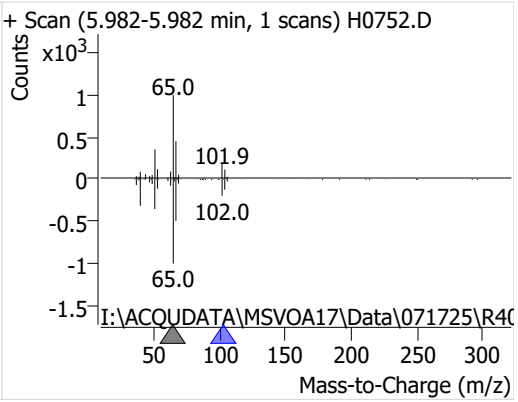




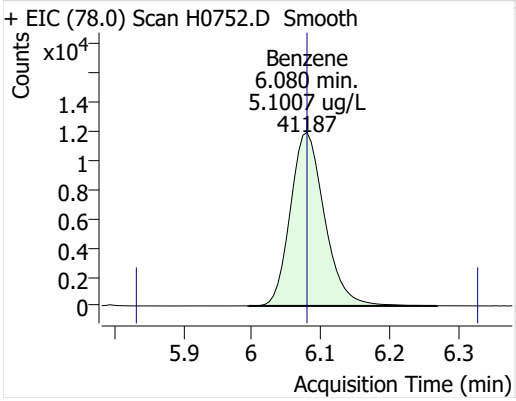
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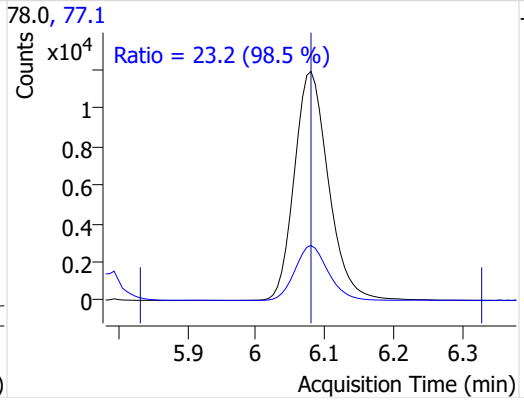


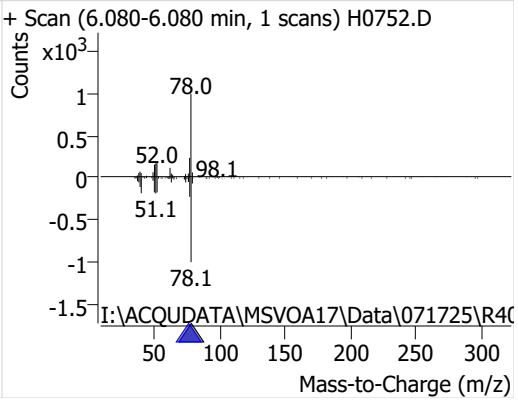




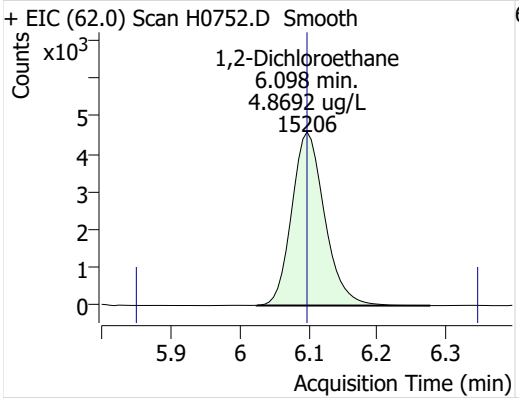
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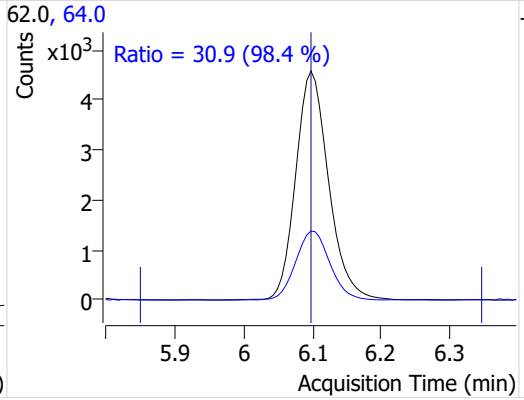


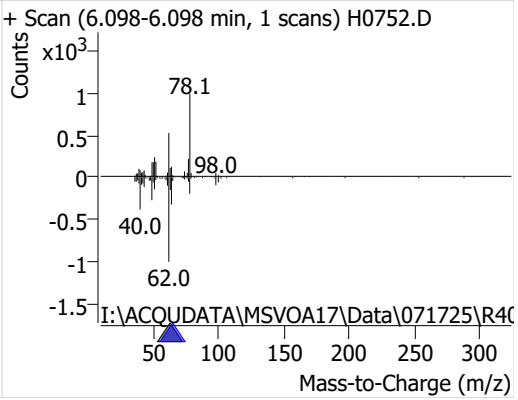




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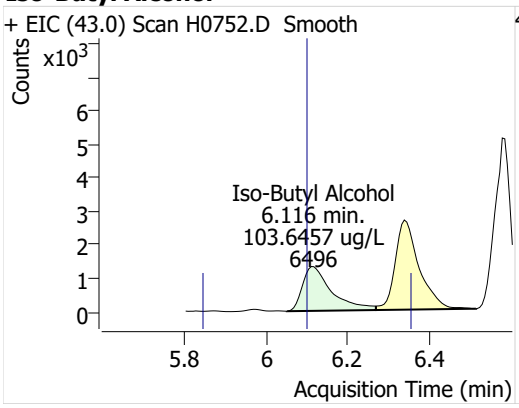


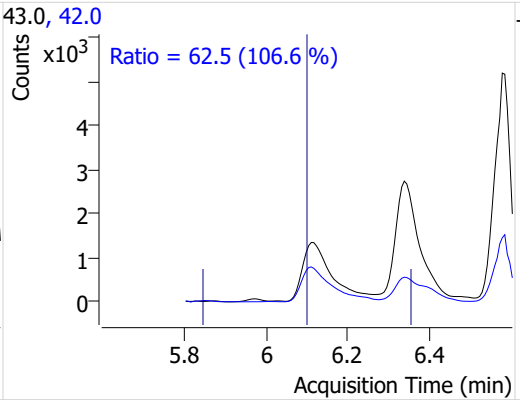


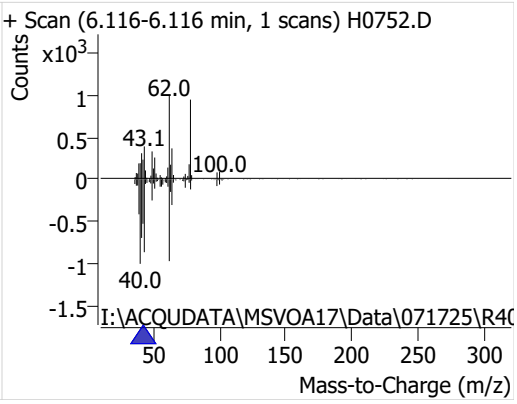


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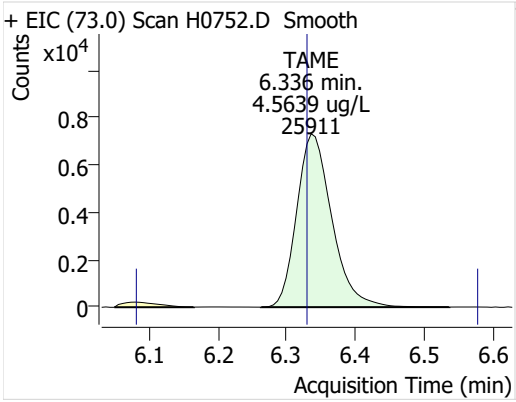
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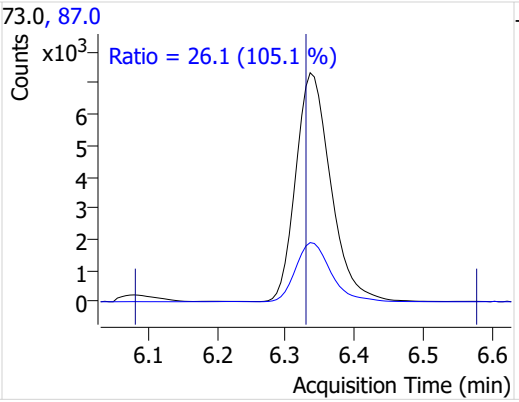


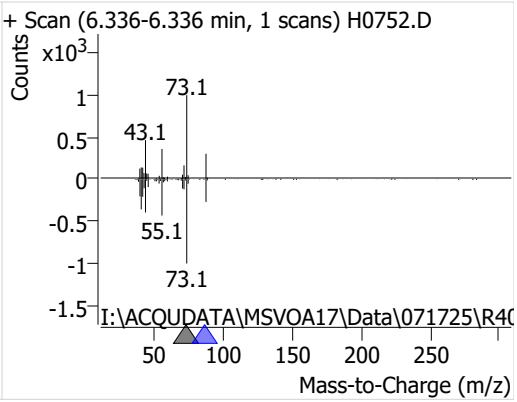




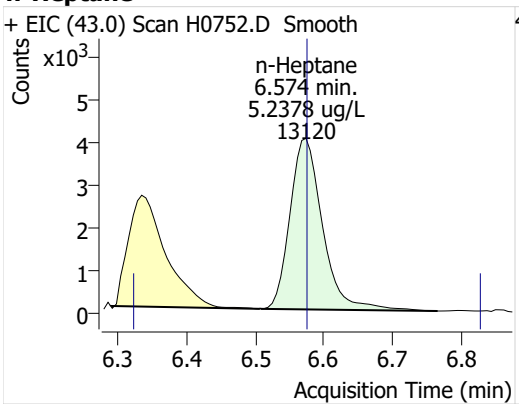
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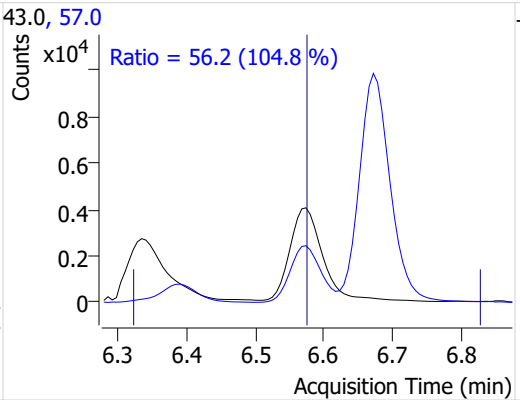


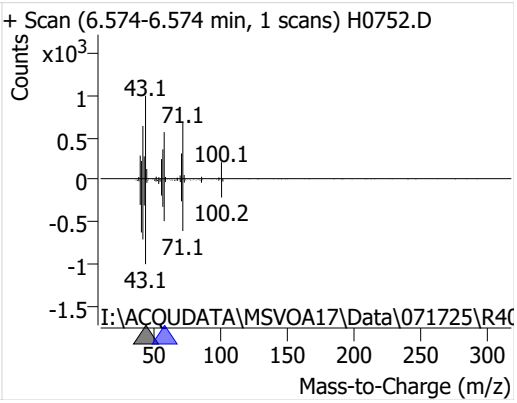




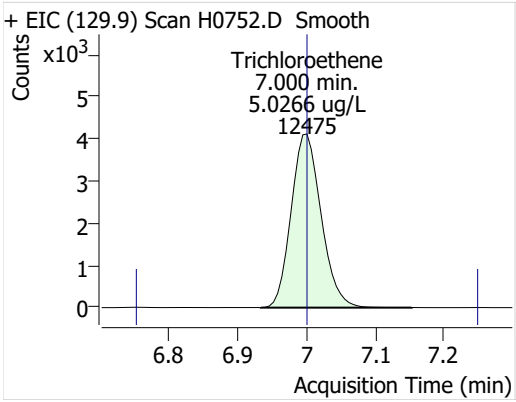
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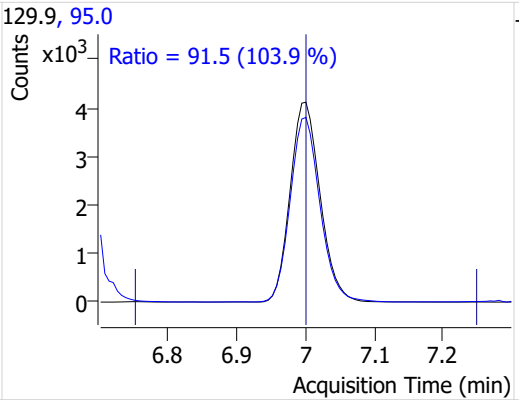


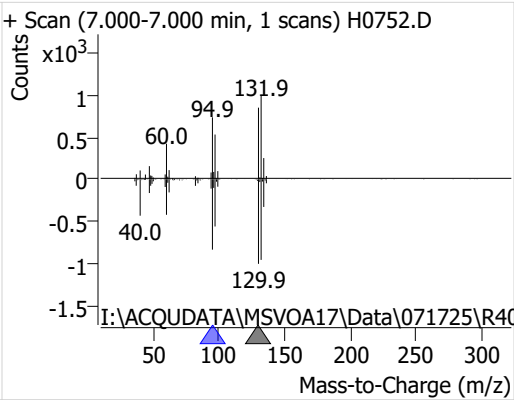




Trichloroethene

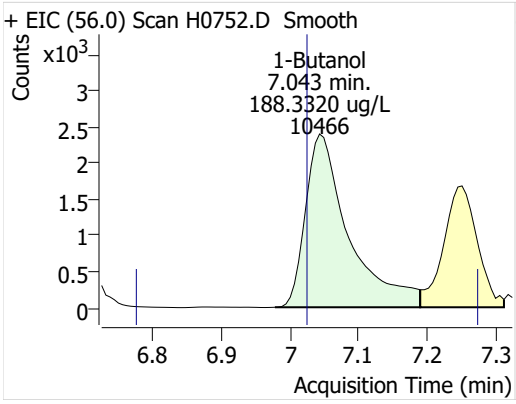


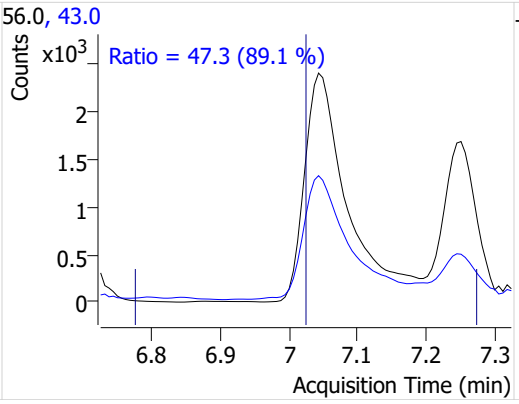


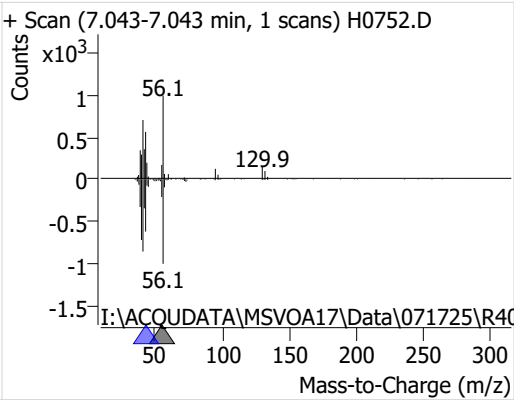


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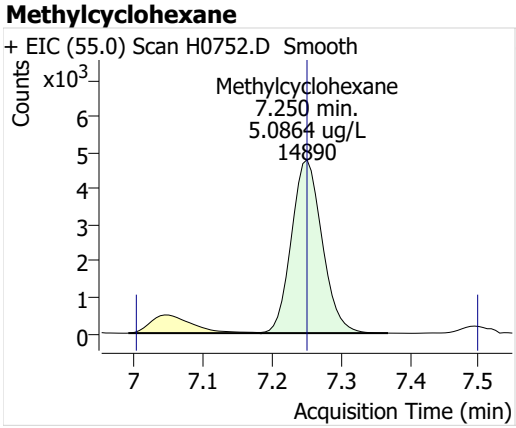
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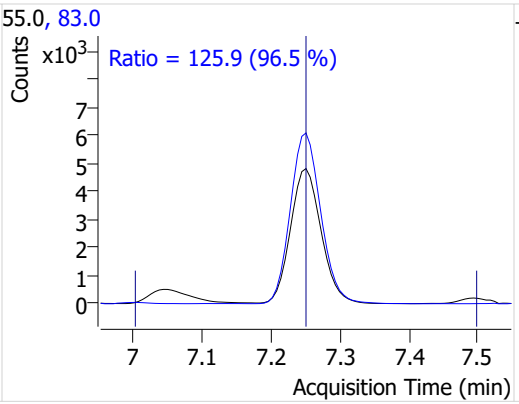


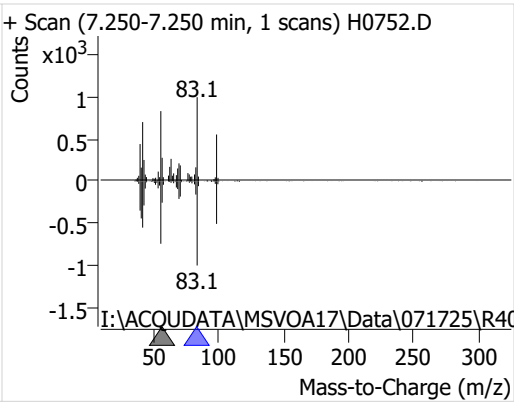




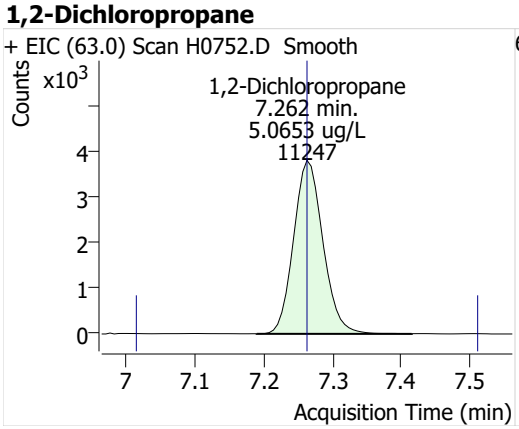
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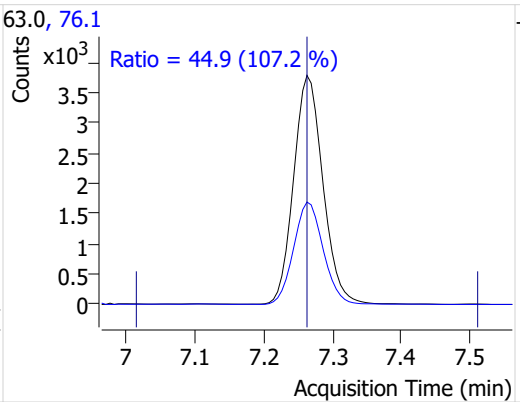


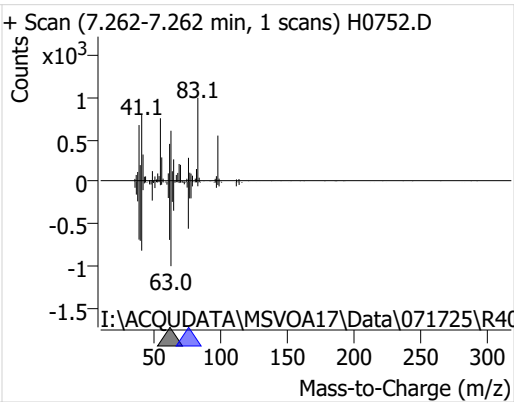




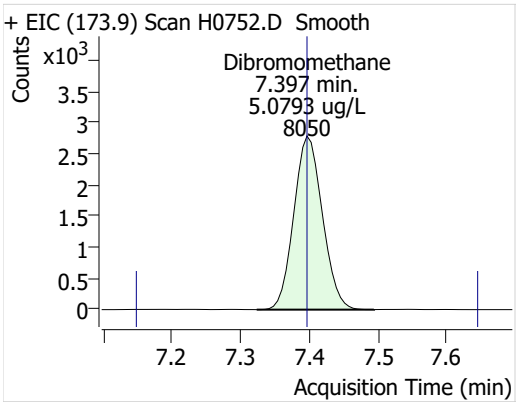
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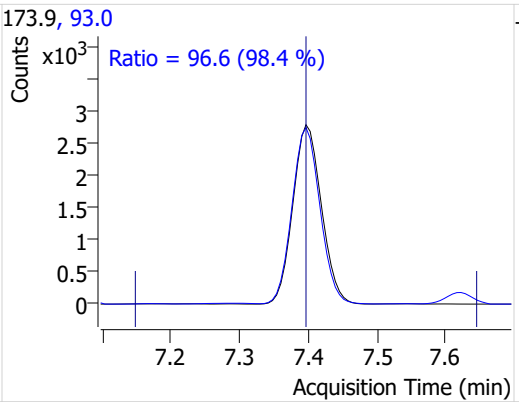


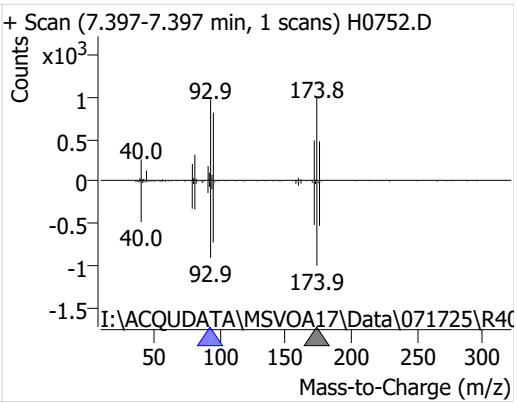




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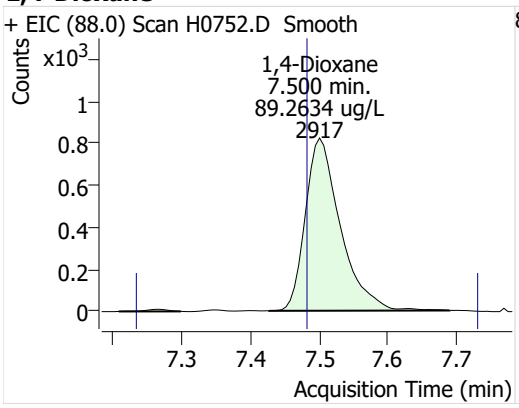


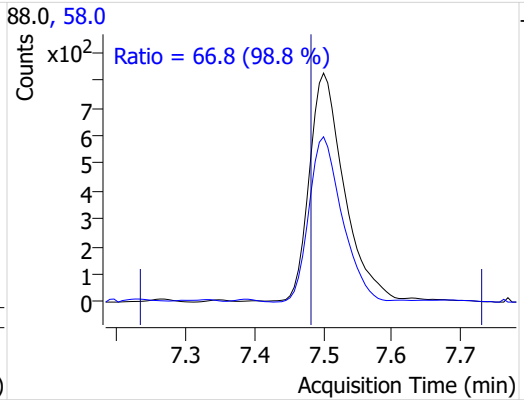


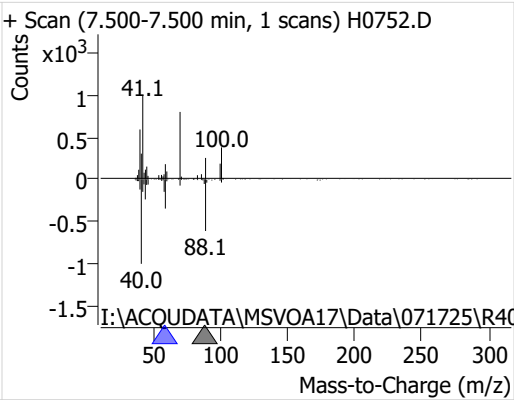


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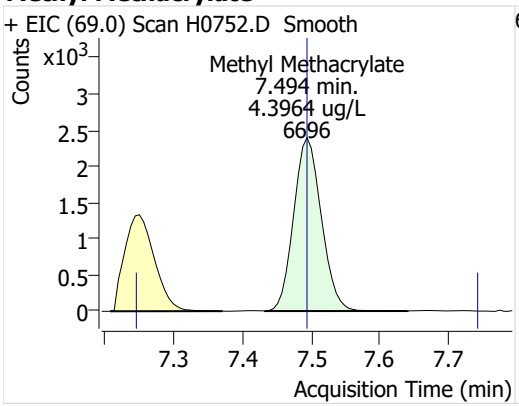
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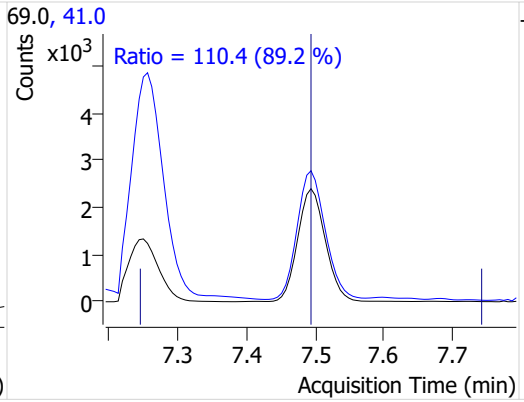


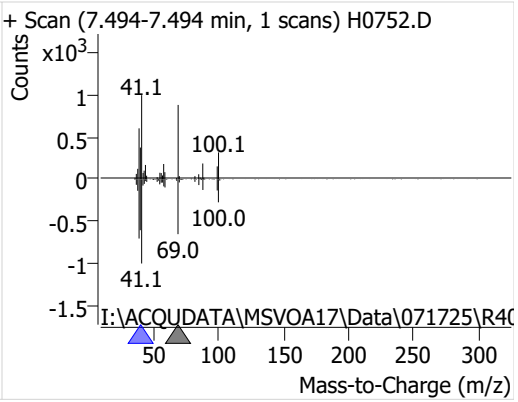




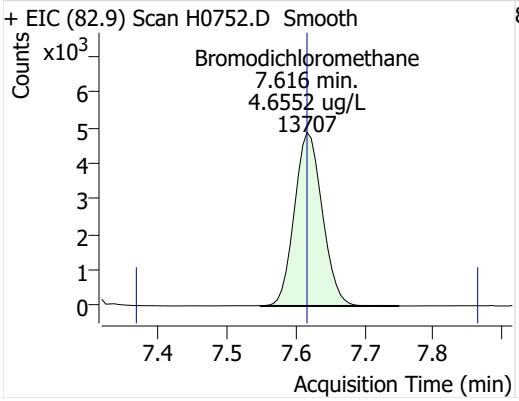
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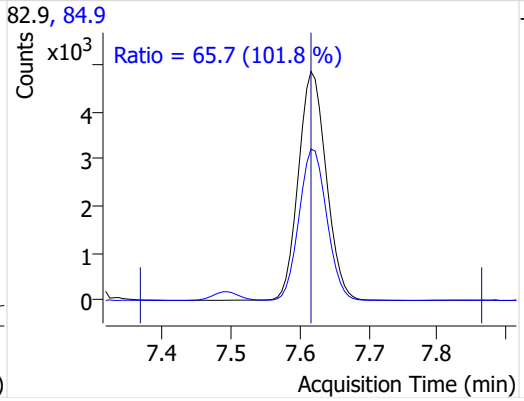


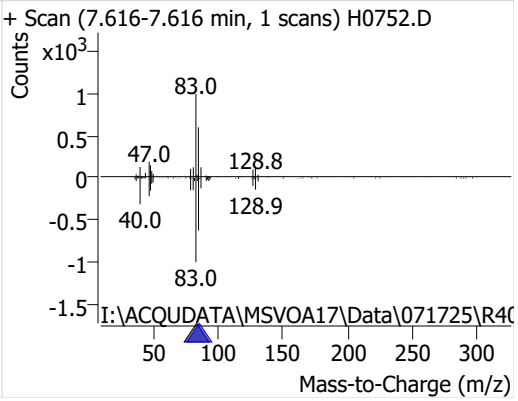




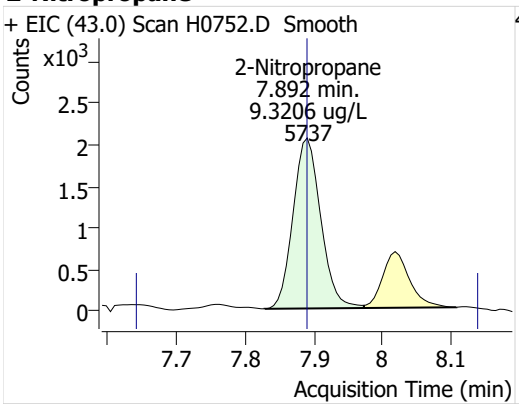
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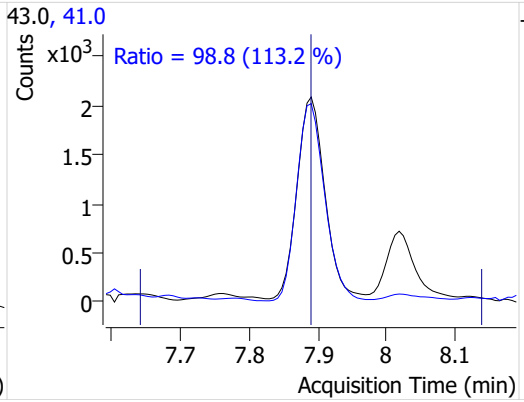


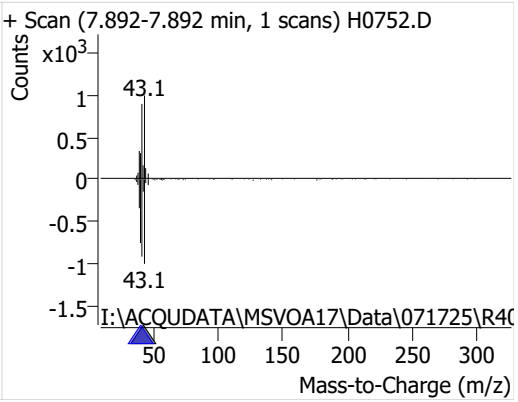




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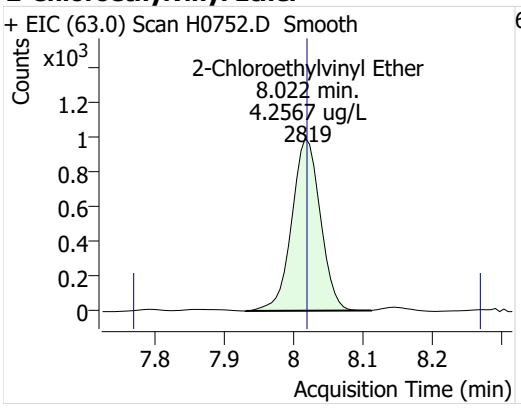


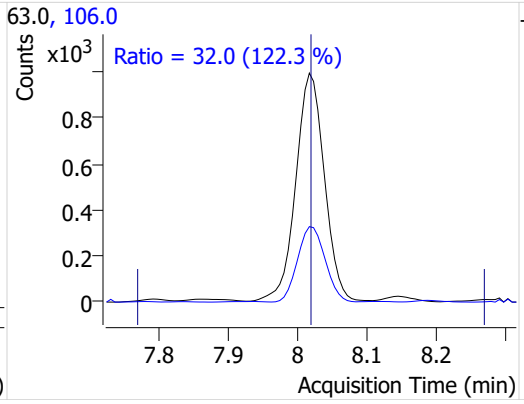


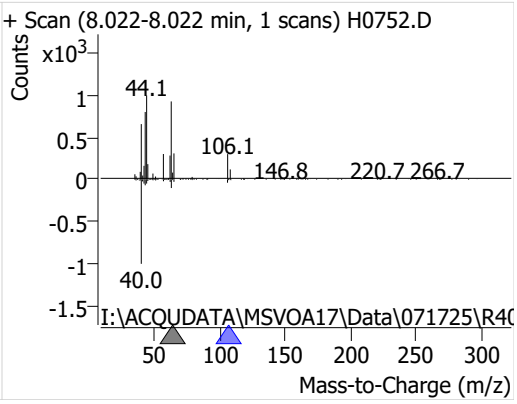


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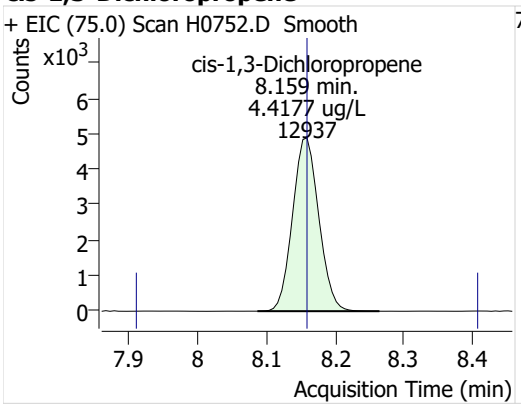
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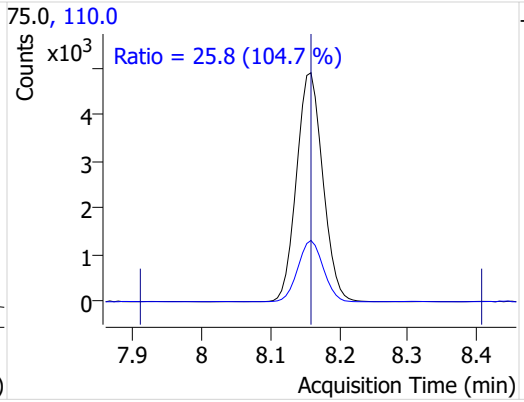


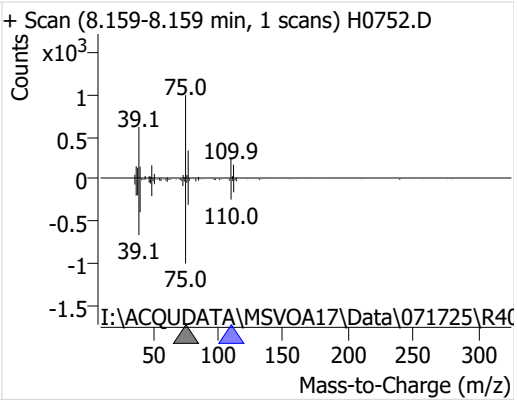




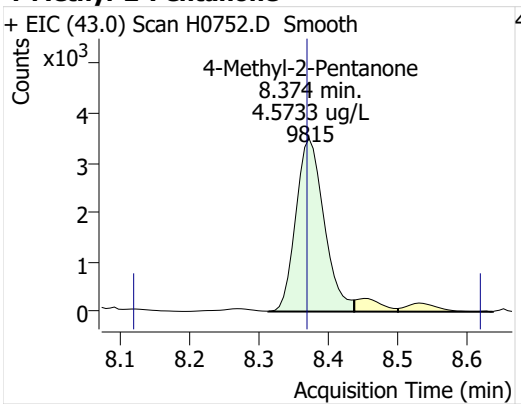
cis-1,3-Dichloropropene

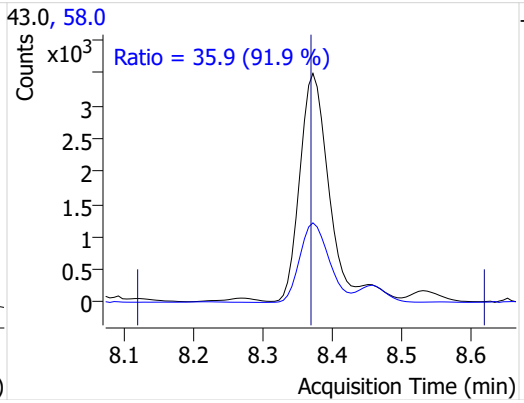


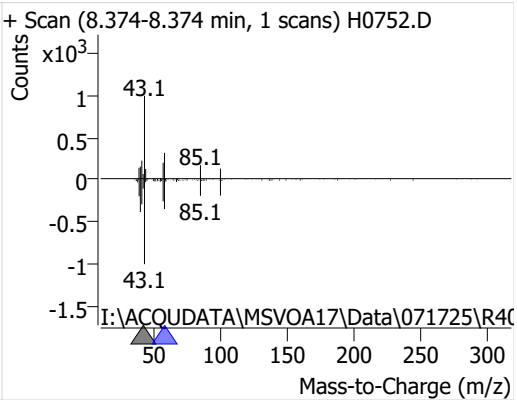




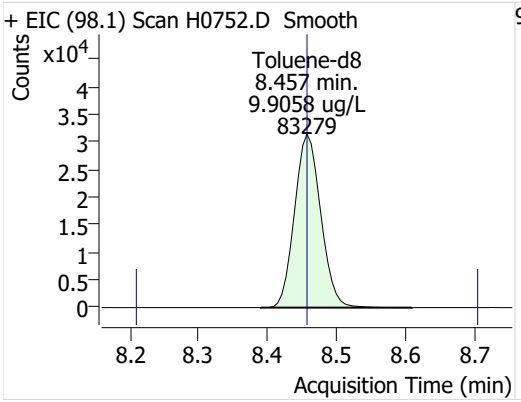
4-Methyl-2-Pentanone

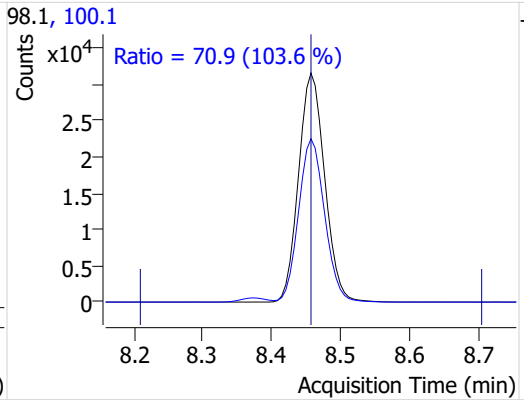


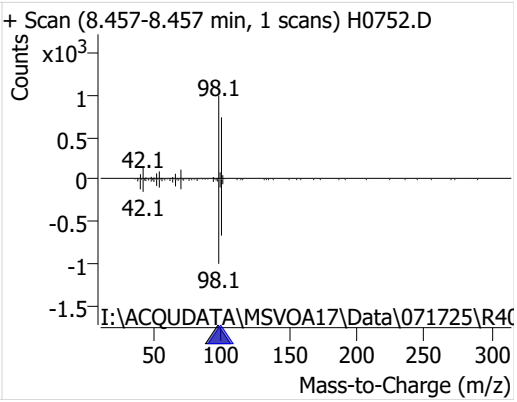




Toluene-d8

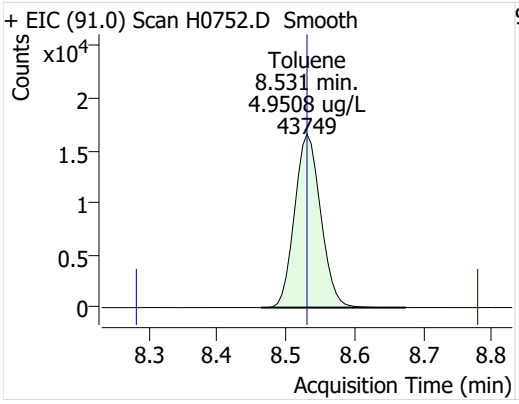


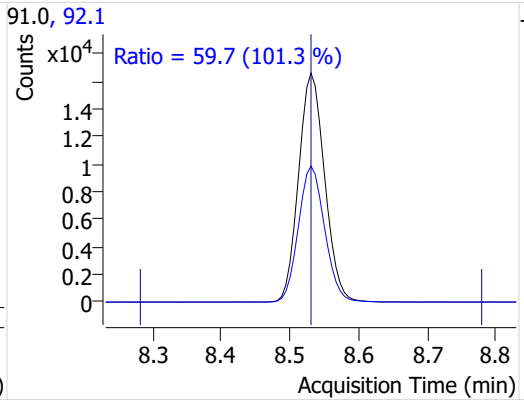


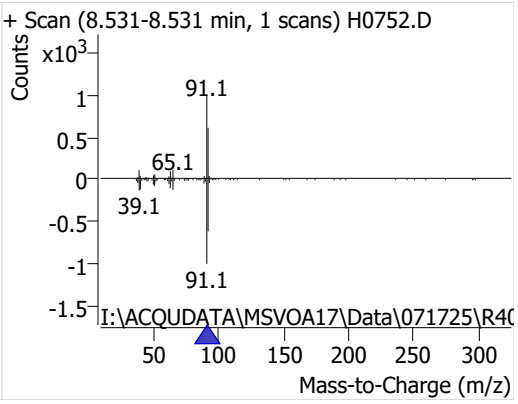


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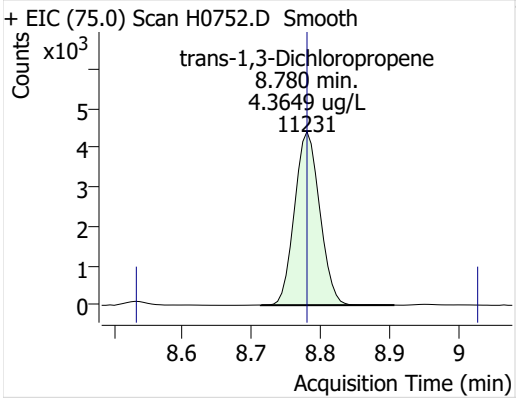
Toluene

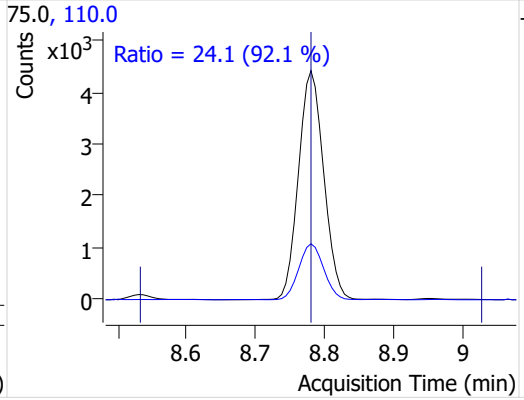


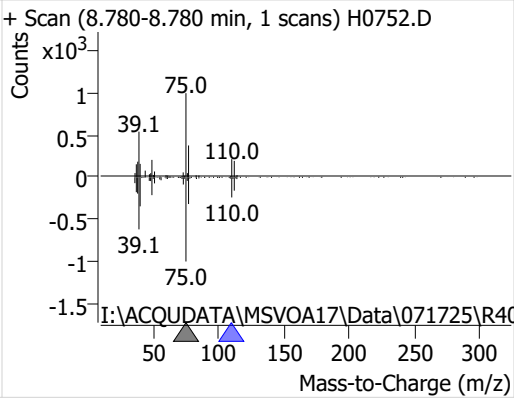




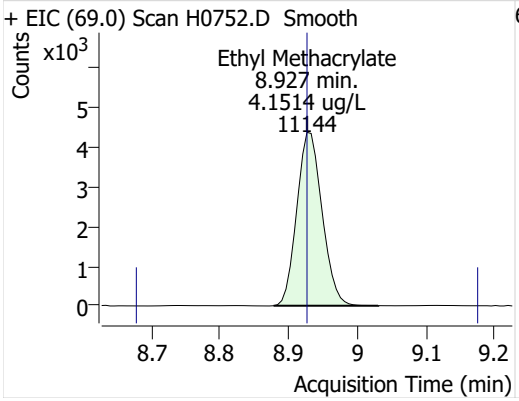
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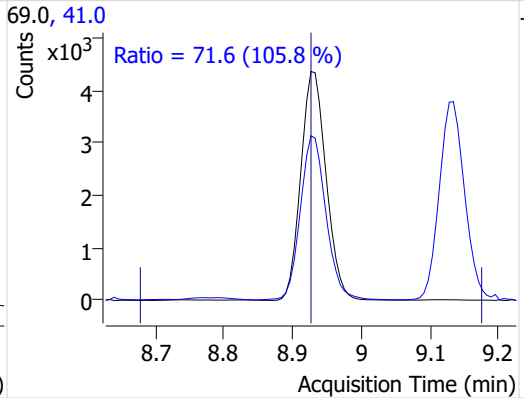


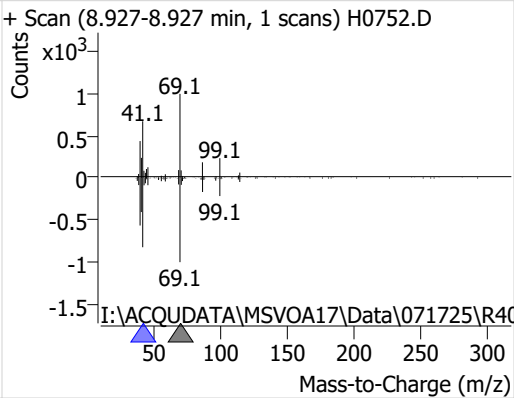




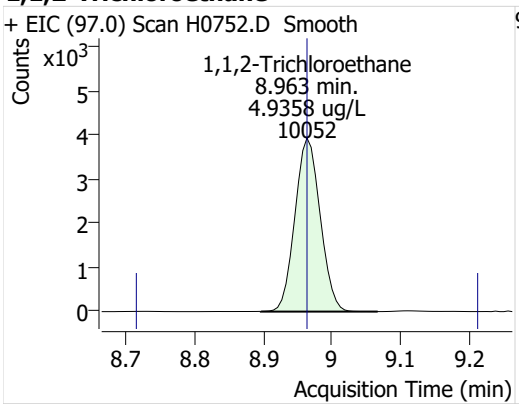
Ethyl Methacrylate

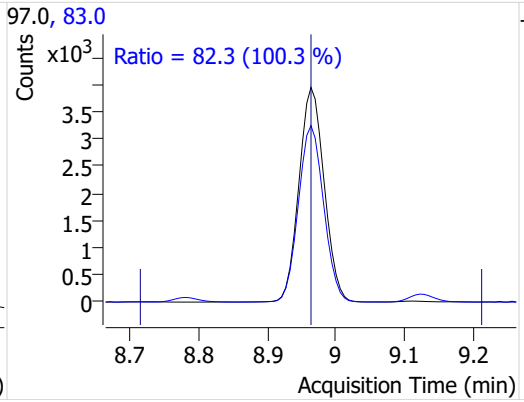


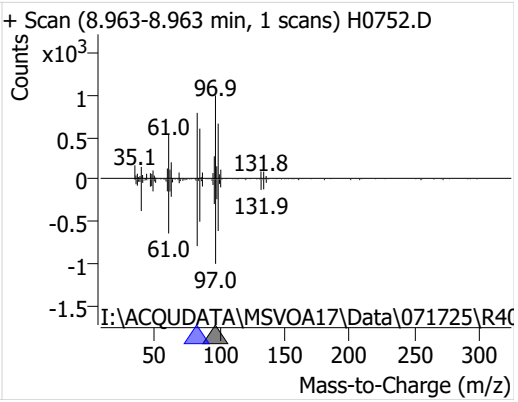




1,1,2-Trichloroethane

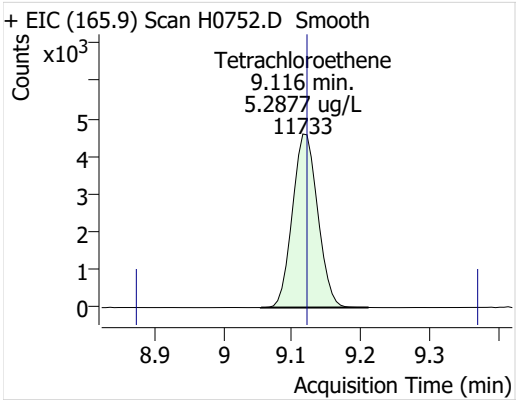


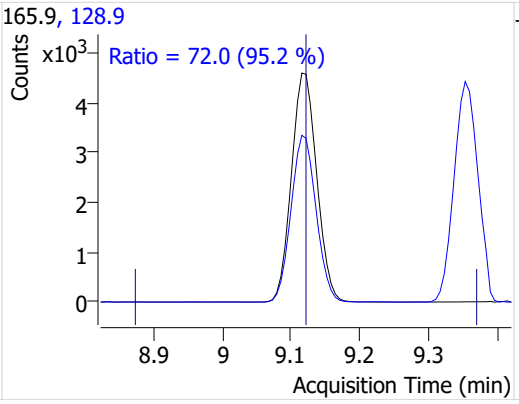


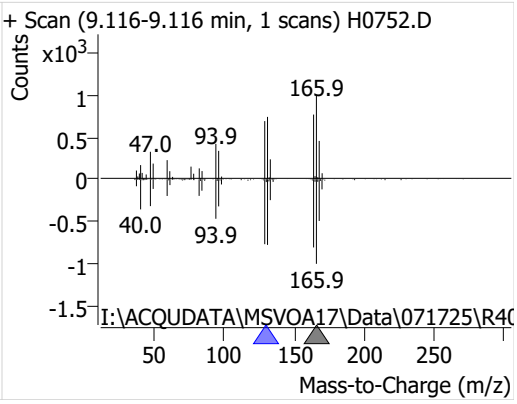


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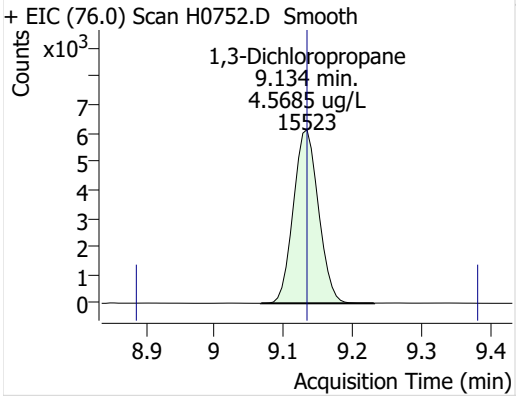
Tetrachloroethene

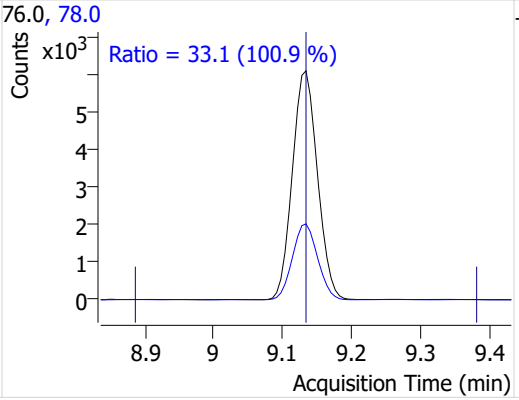


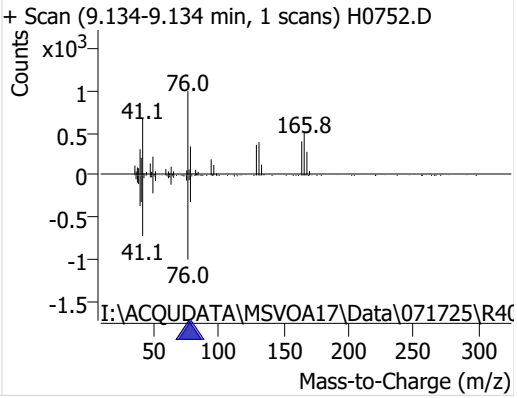




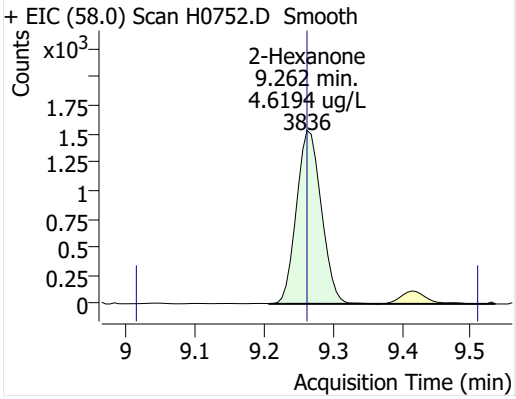
1,3-Dichloropropane

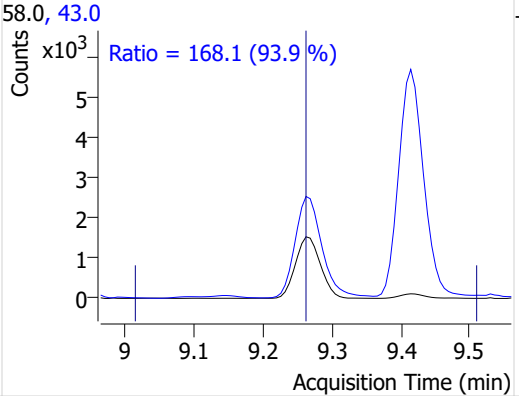


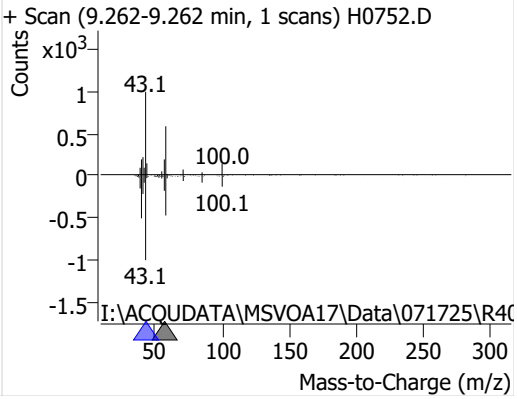




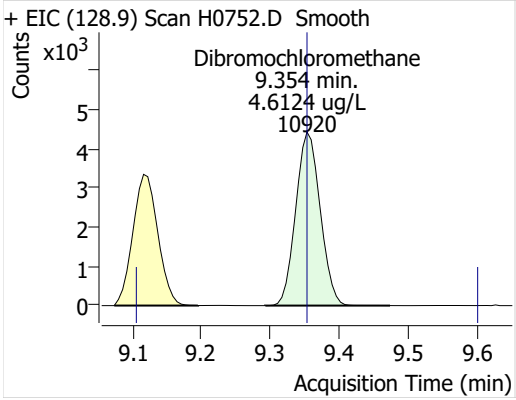
2-Hexanone

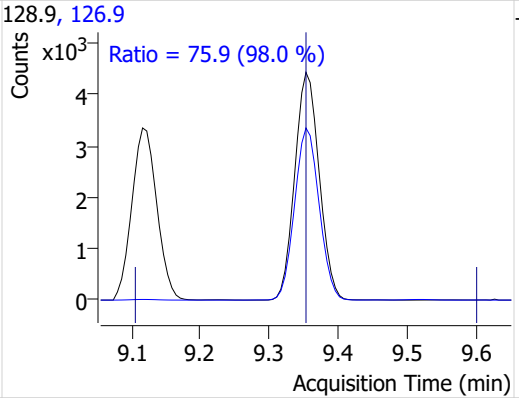


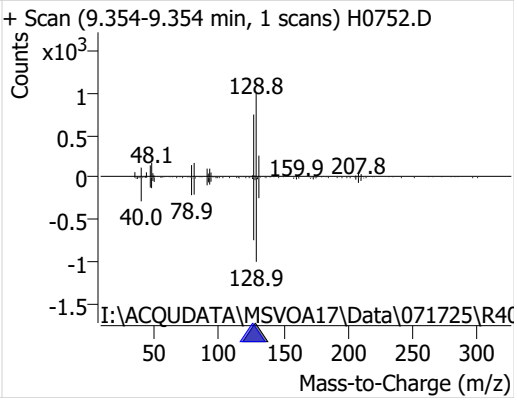




Dibromochloromethane

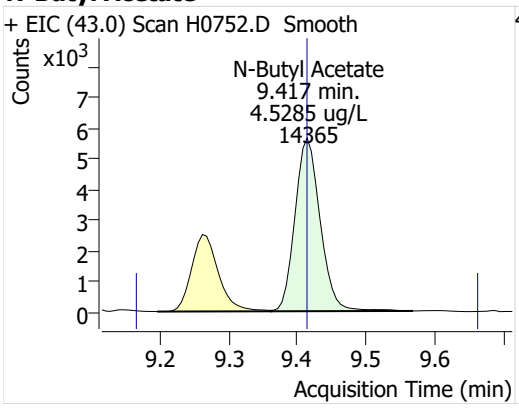


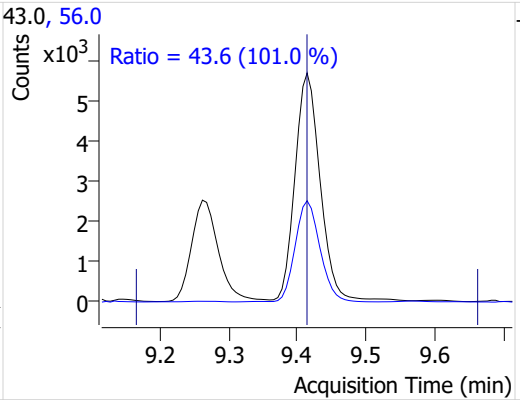


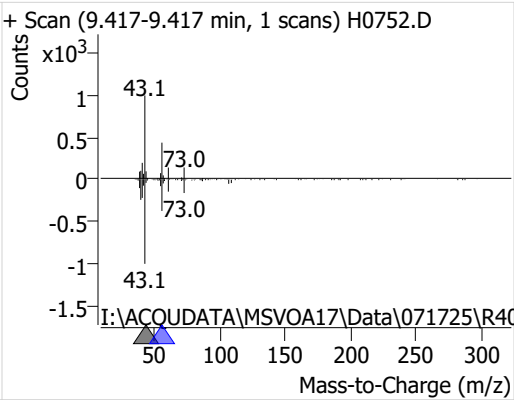


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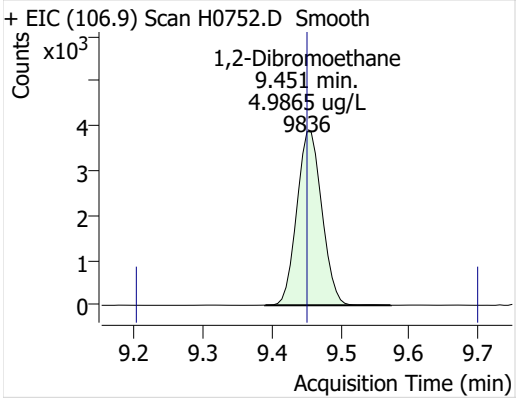
N-Butyl Acetate

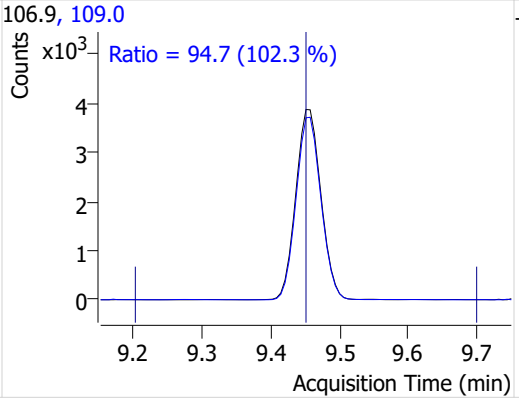


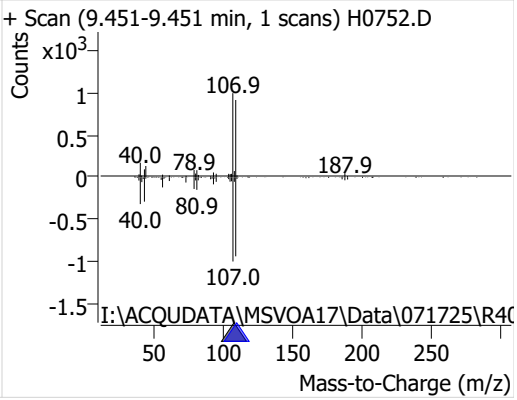




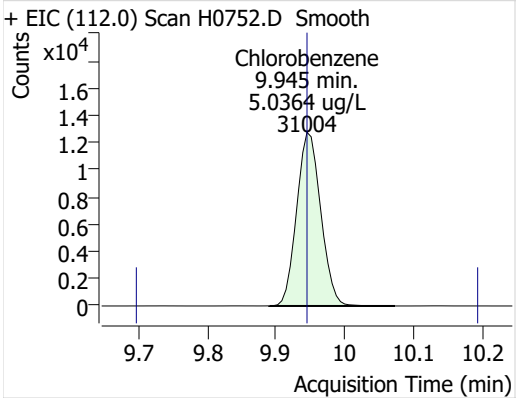
1,2-Dibromoethane

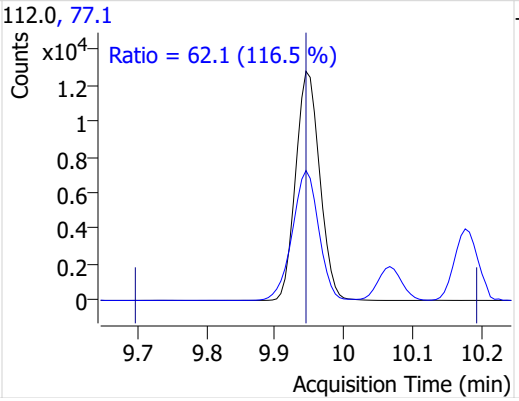


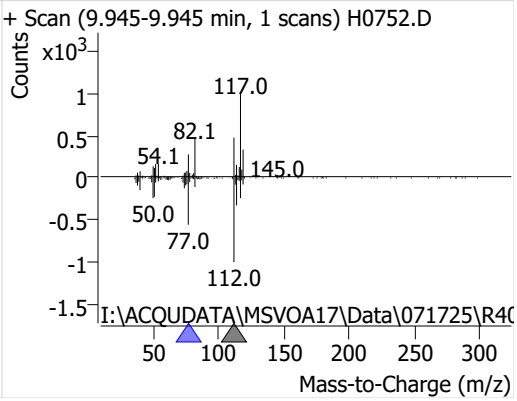




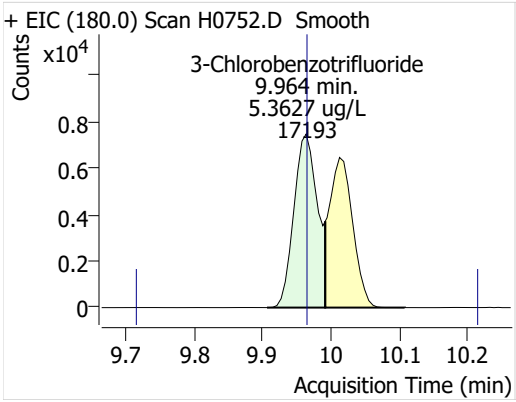
Chlorobenzene

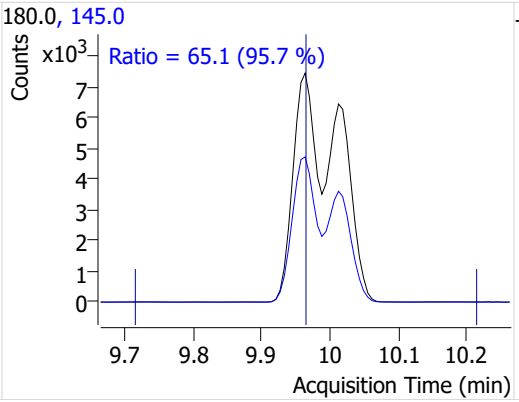


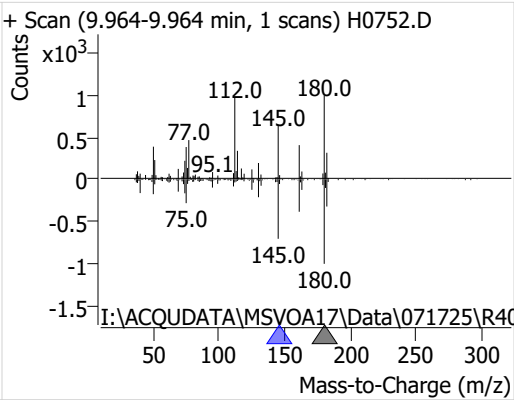




3-Chlorobenzotrifluoride

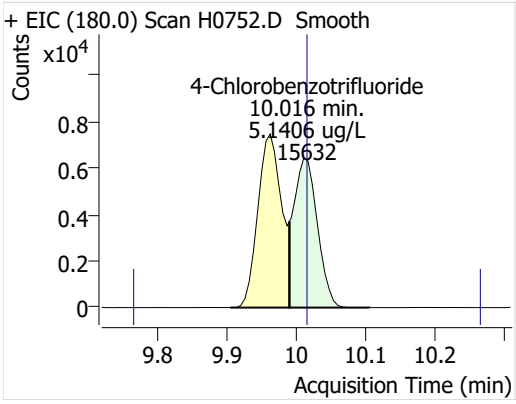


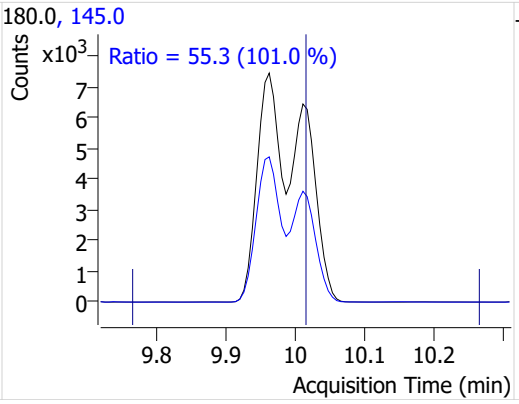


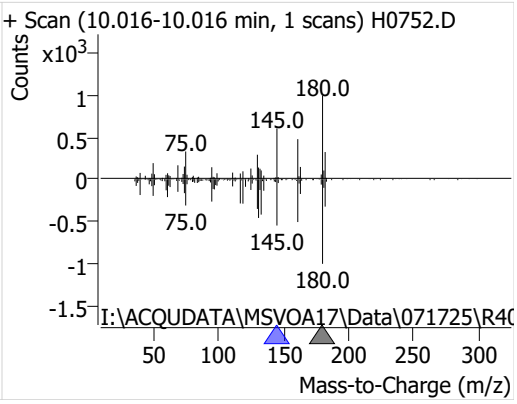


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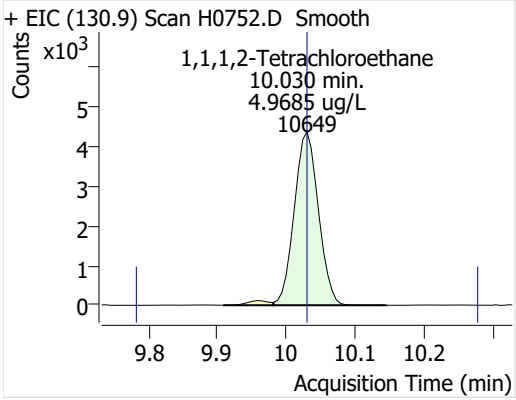
4-Chlorobenzotrifluoride

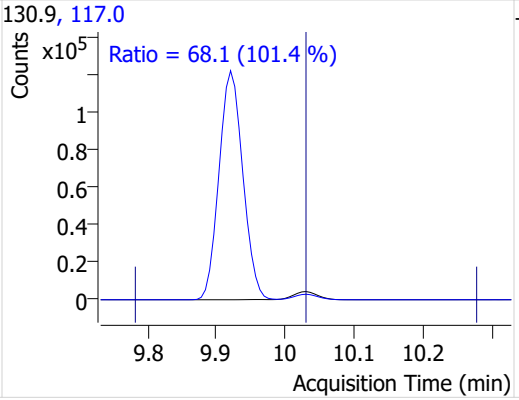


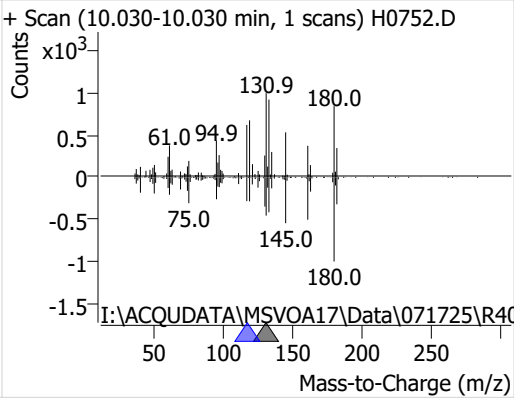




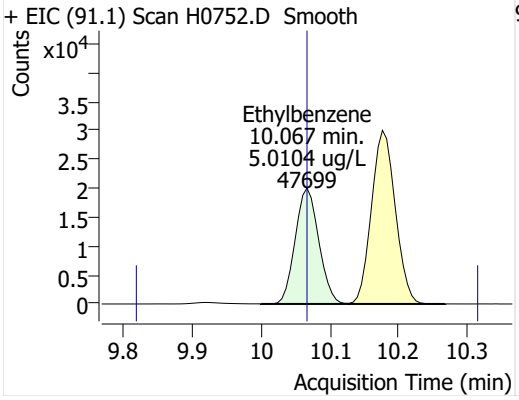
1,1,1,2-Tetrachloroethane

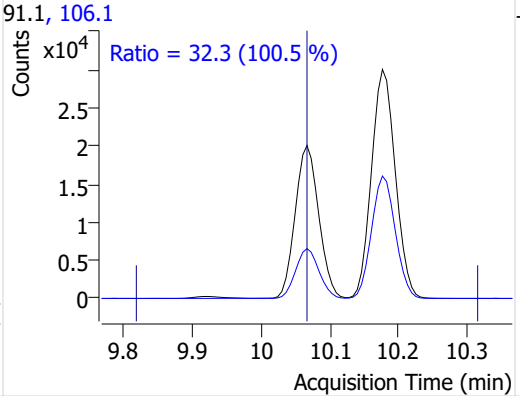


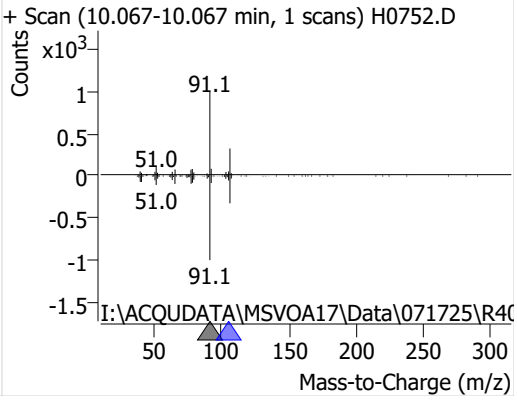




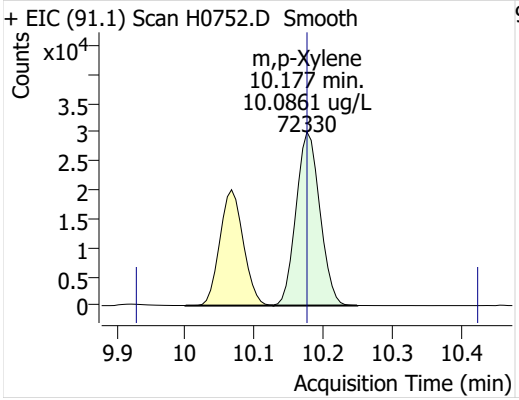
Ethylbenzene

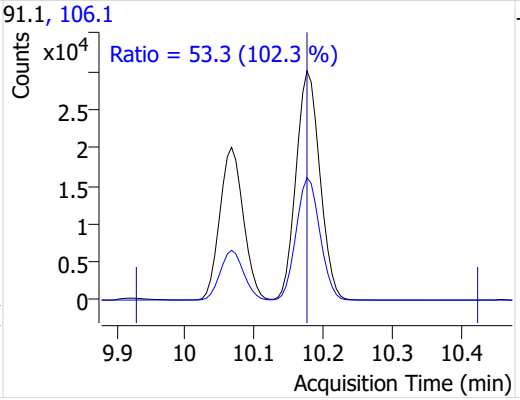


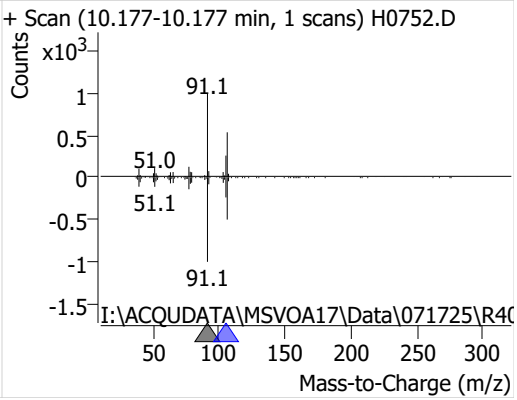




m,p-Xylene

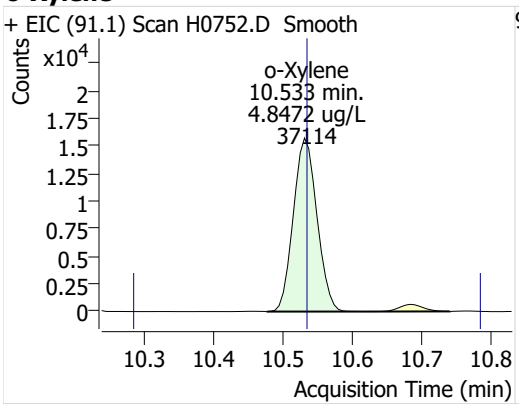


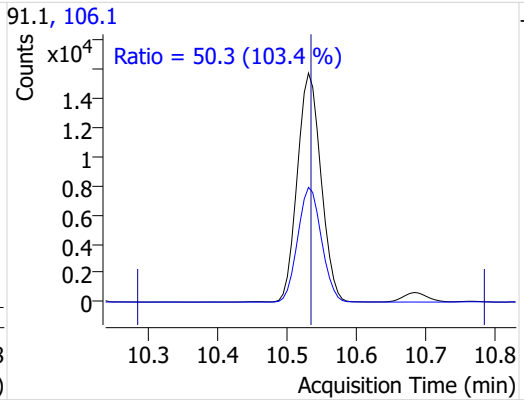


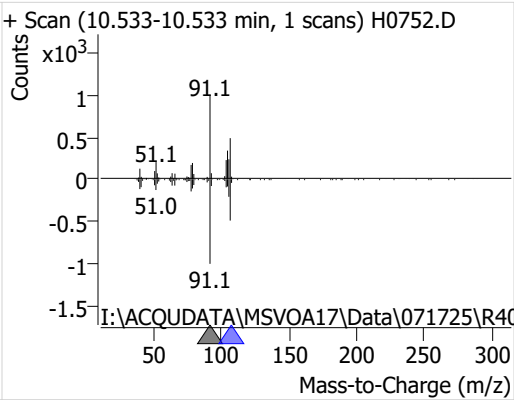


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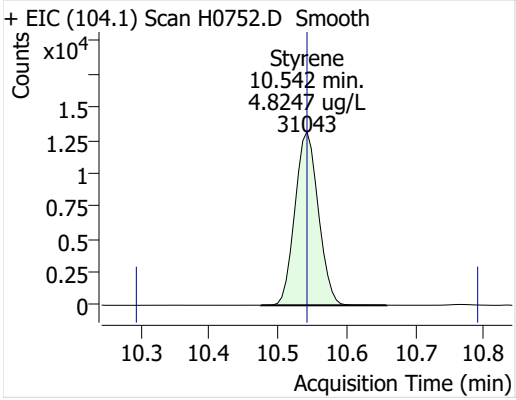
o-Xylene

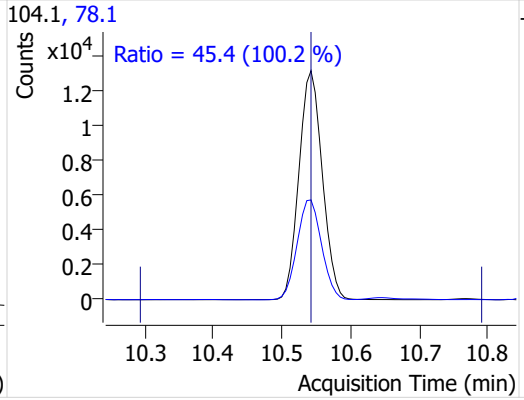


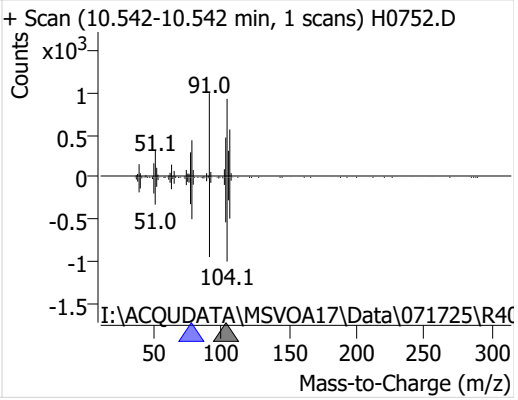




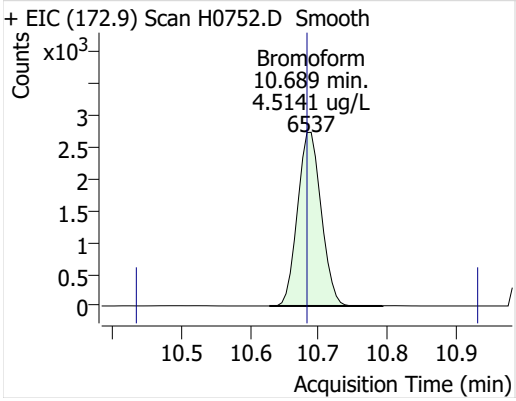
Styrene

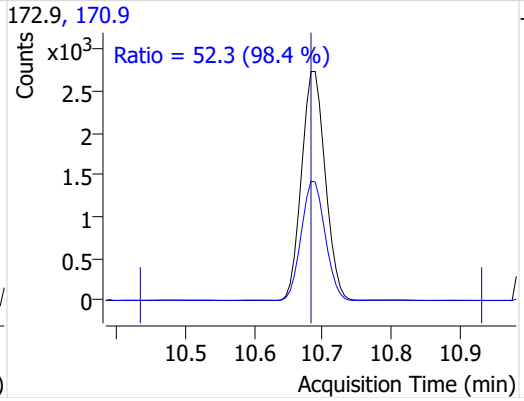


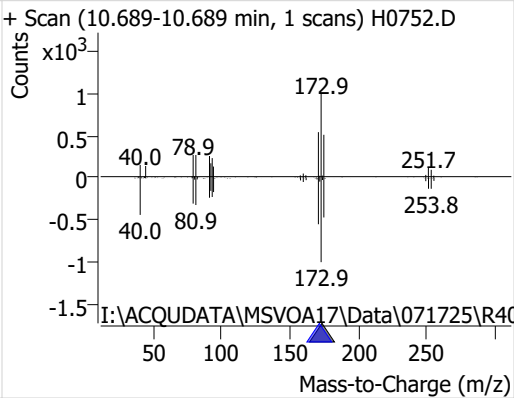




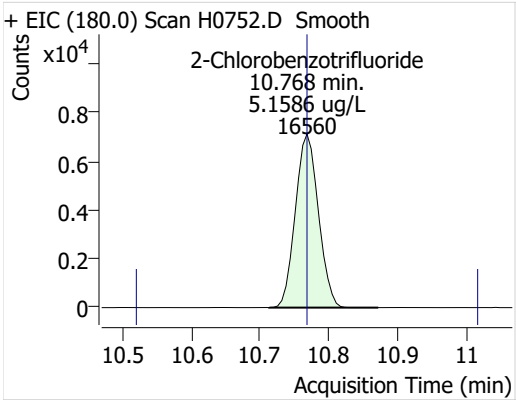
Bromoform

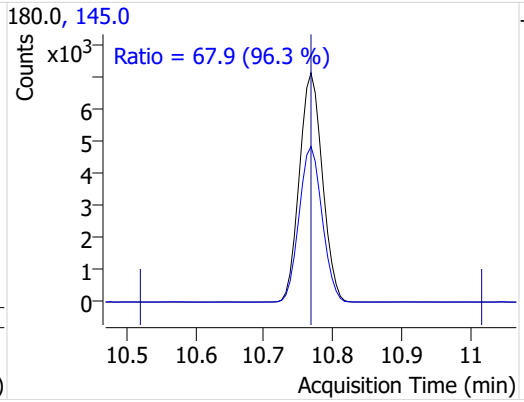


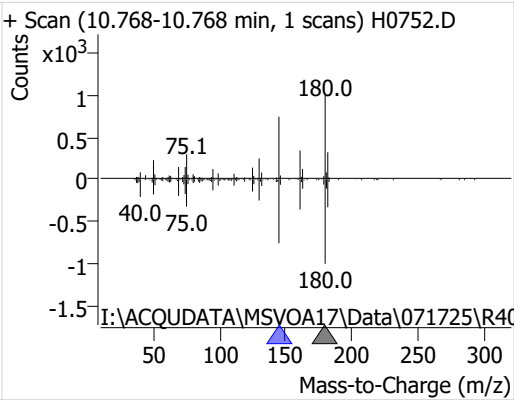




2-Chlorobenzotrifluoride

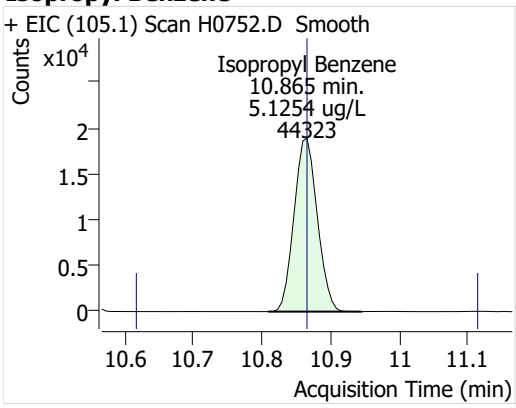


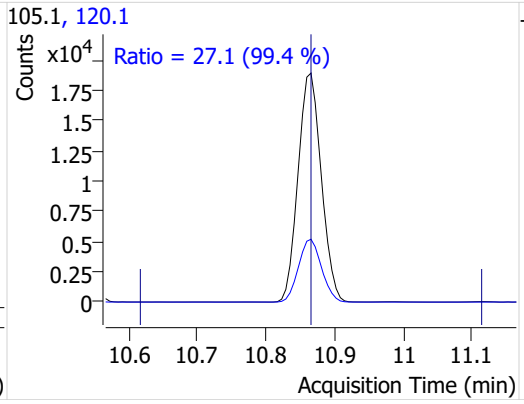


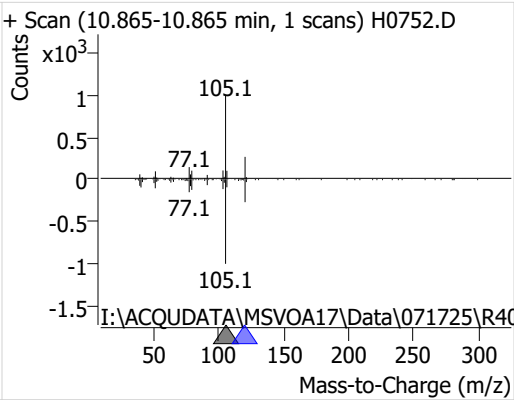


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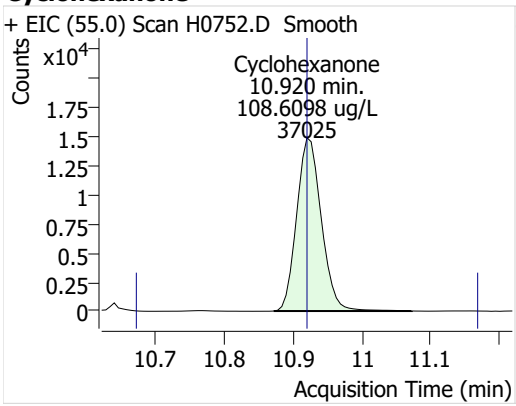
Isopropyl Benzene

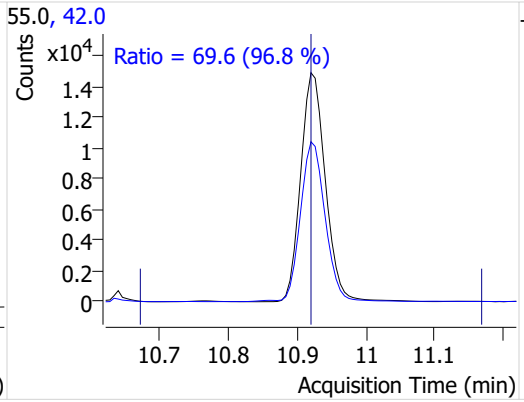


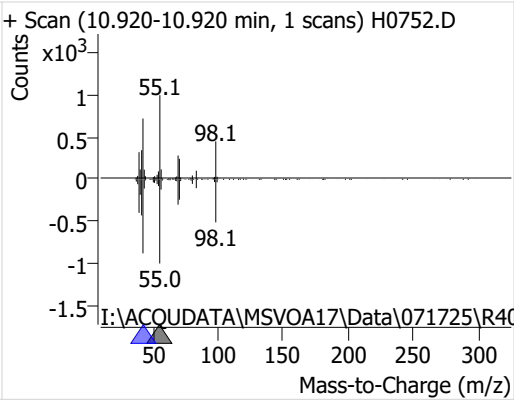




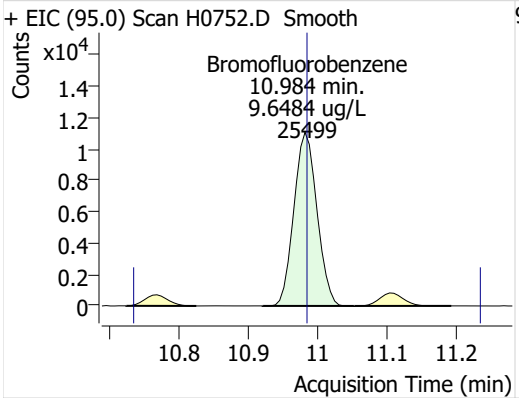
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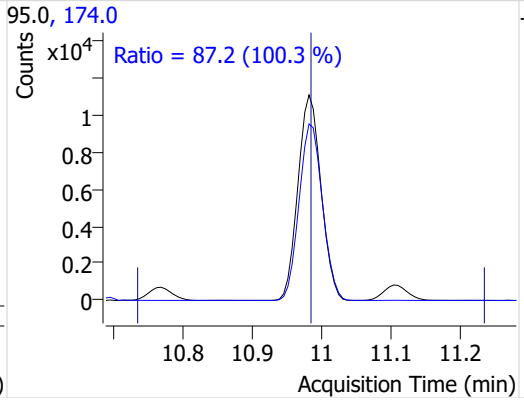


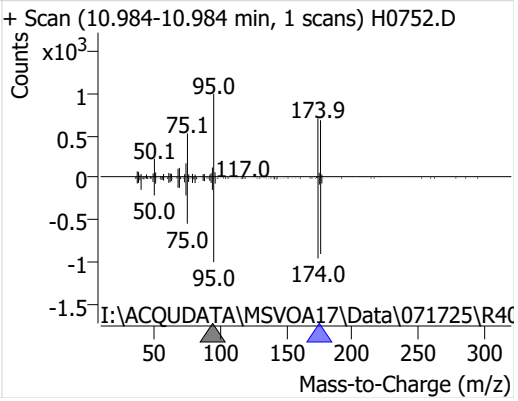




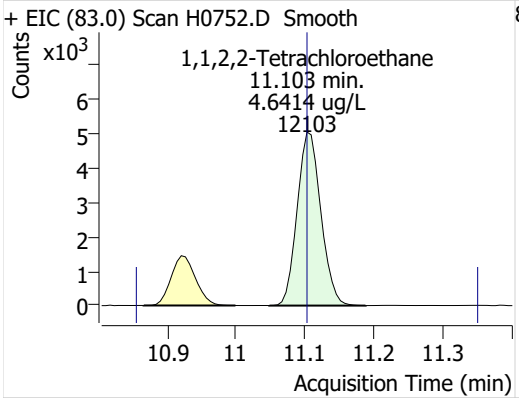
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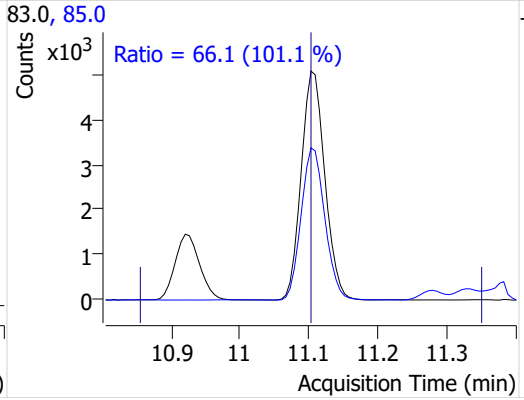


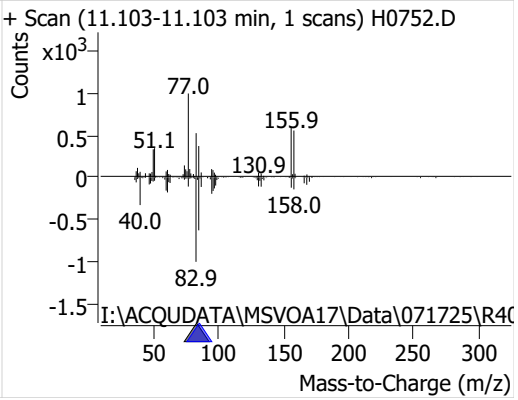




1,1,2,2-Tetrachloroethane

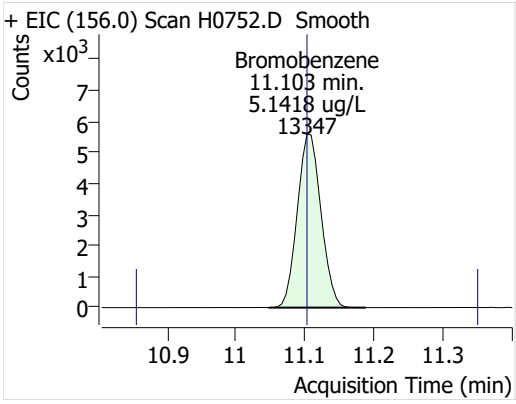


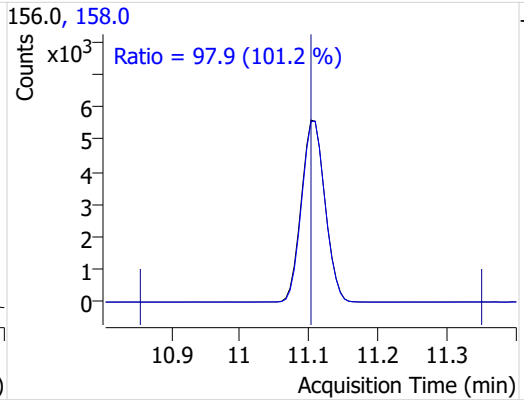


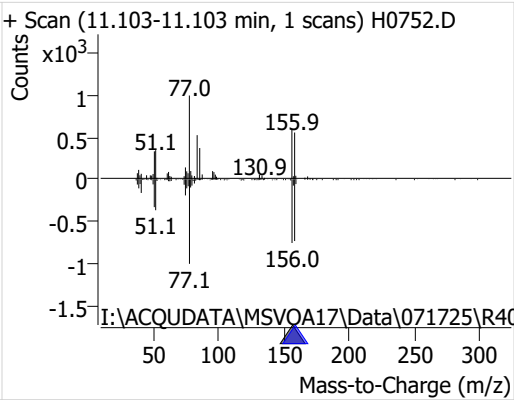


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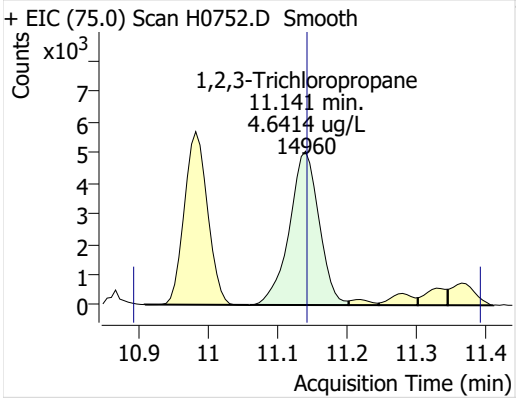
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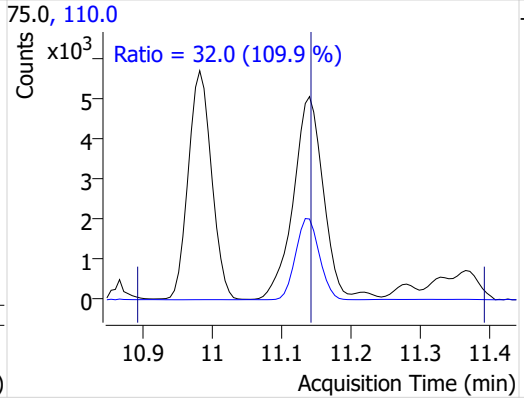


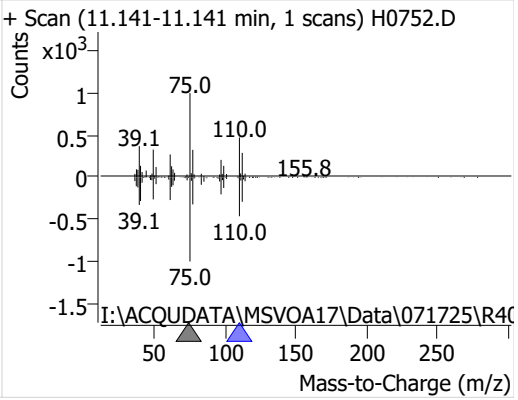




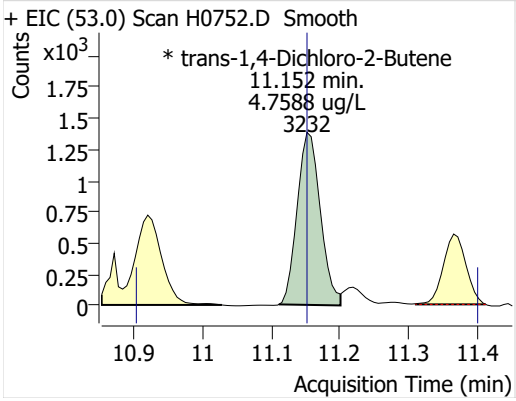
1,2,3-Trichloropropane

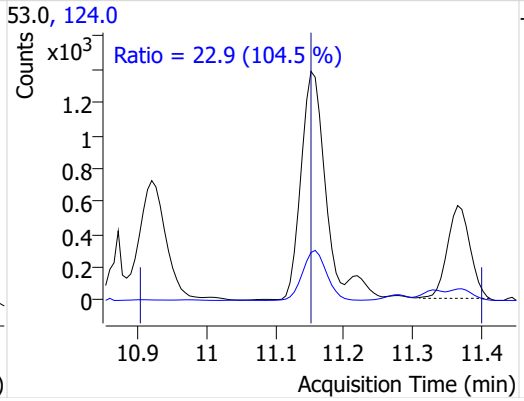


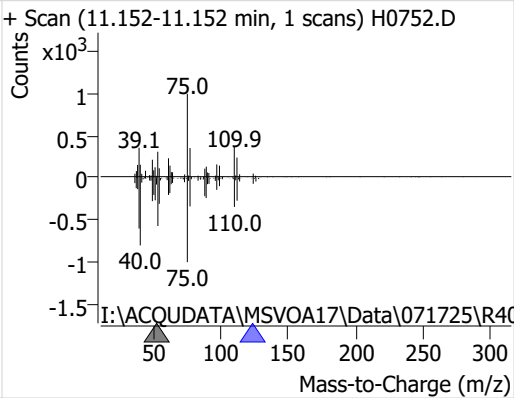




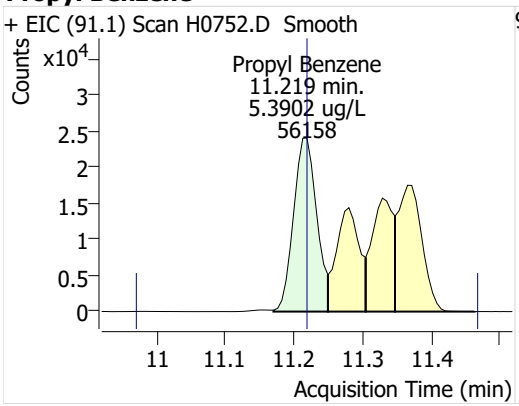
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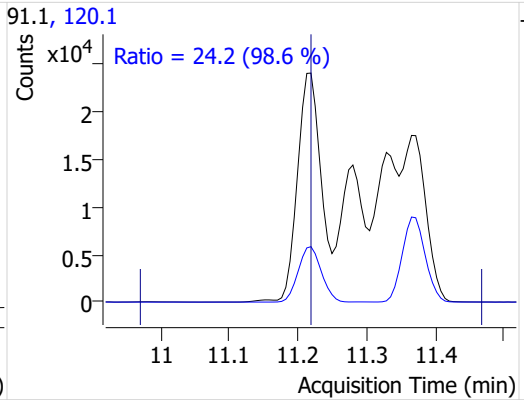


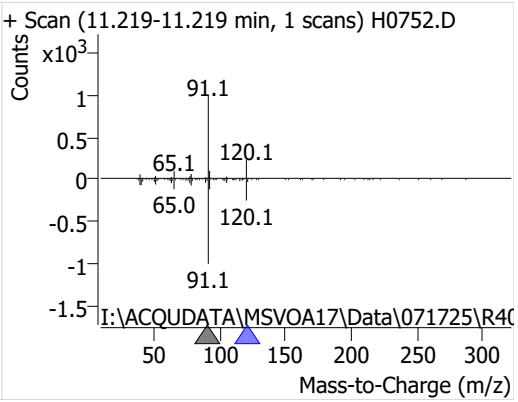




Propyl Benzene

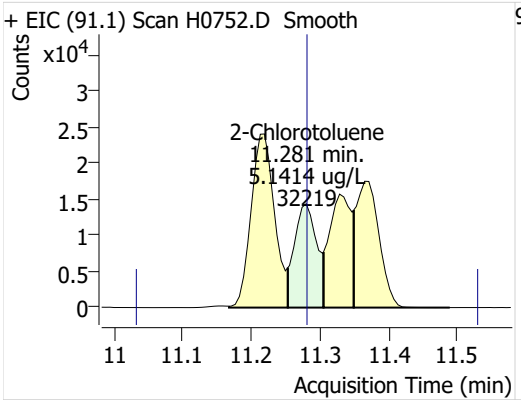


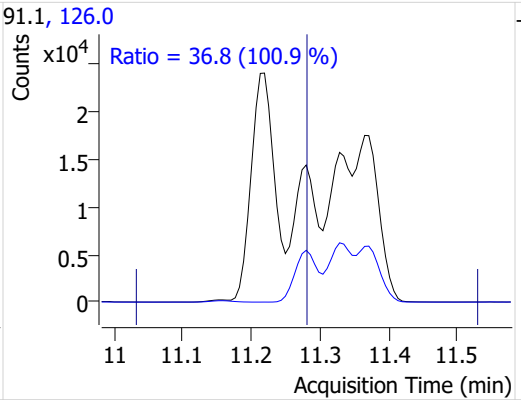


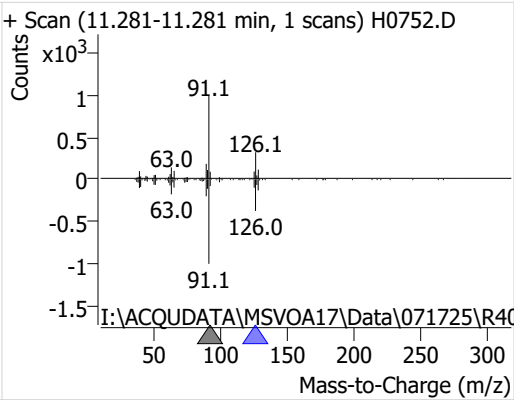


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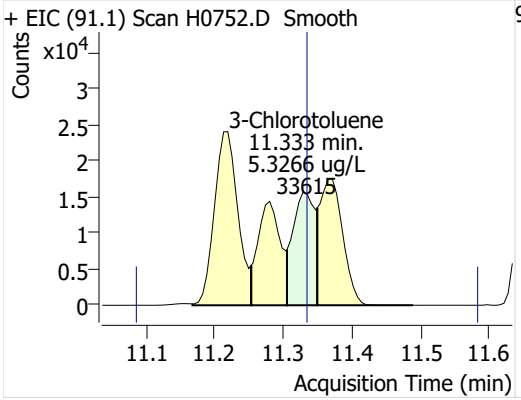
2-Chlorotoluene

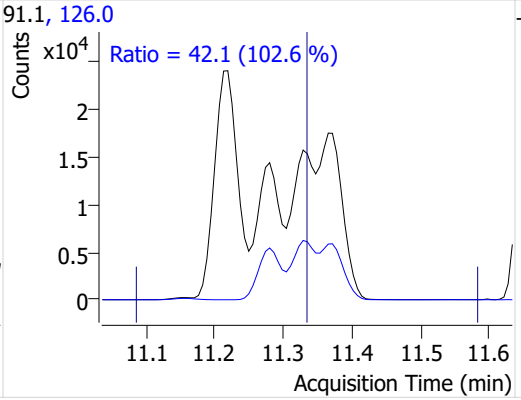


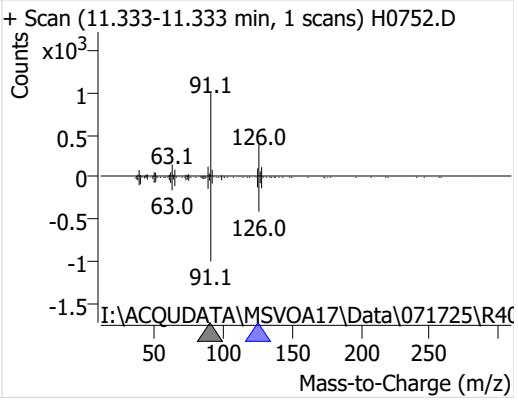




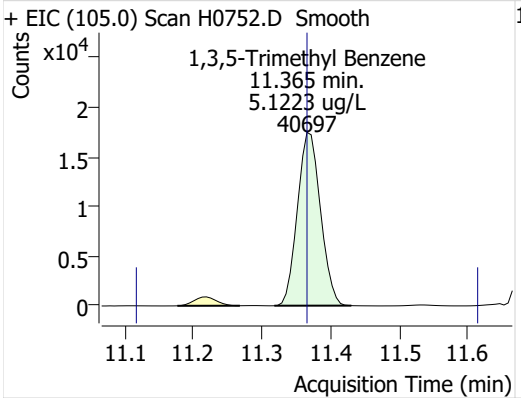
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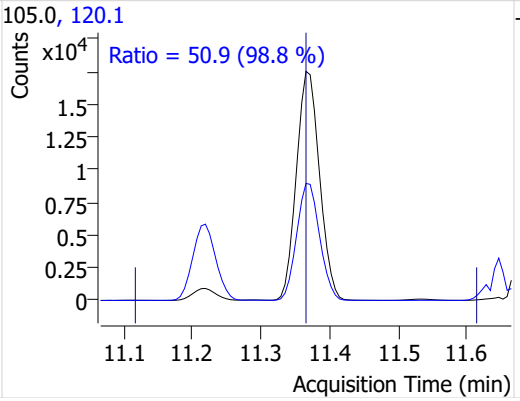


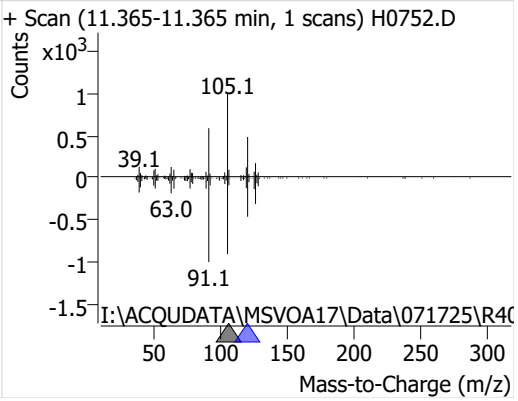




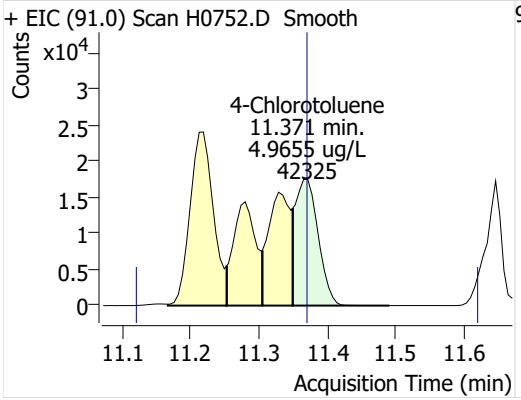
1,3,5-Trimethyl Benzene

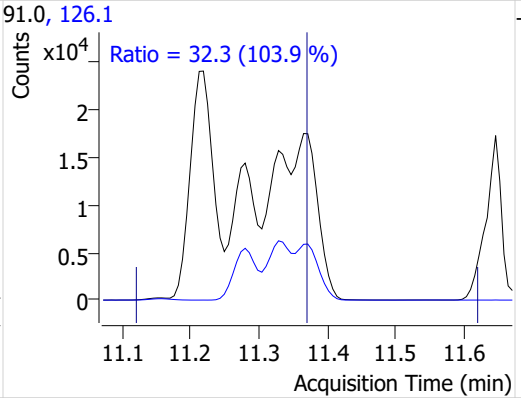


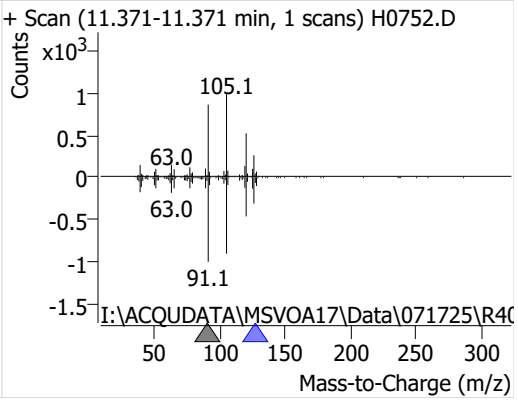




4-Chlorotoluene

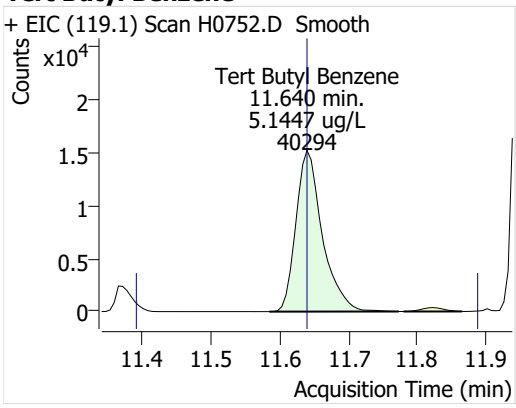


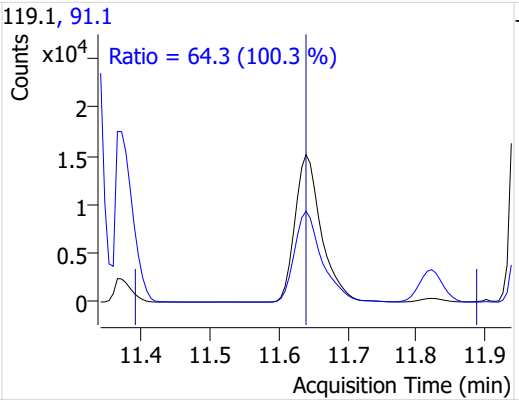


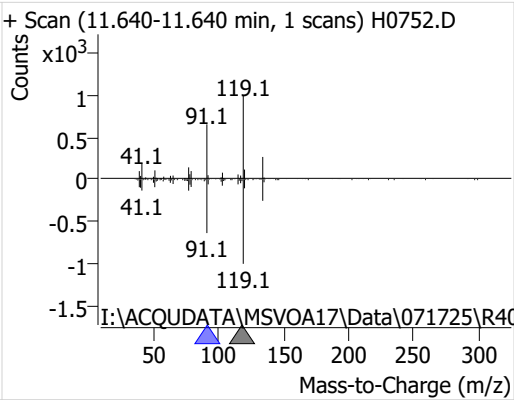


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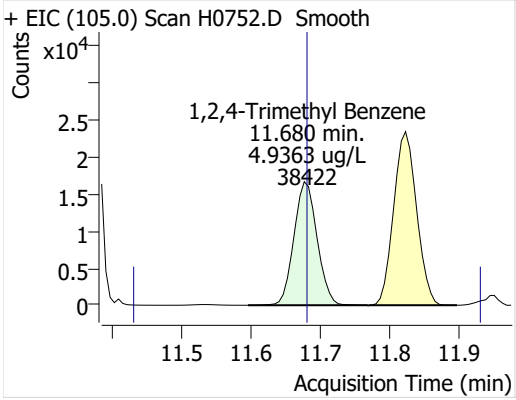
Tert Butyl Benzene

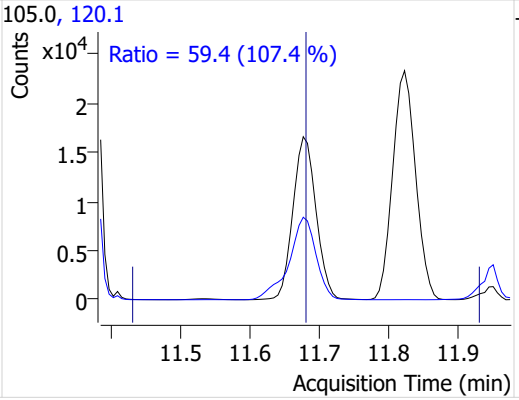


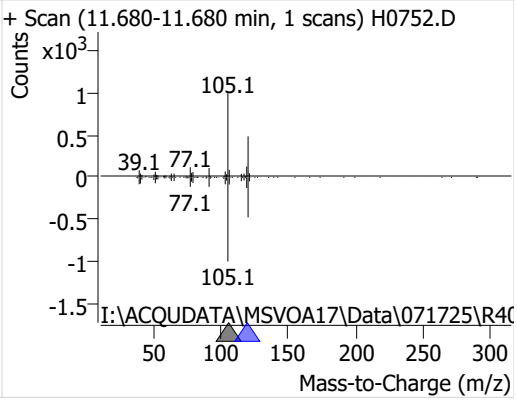




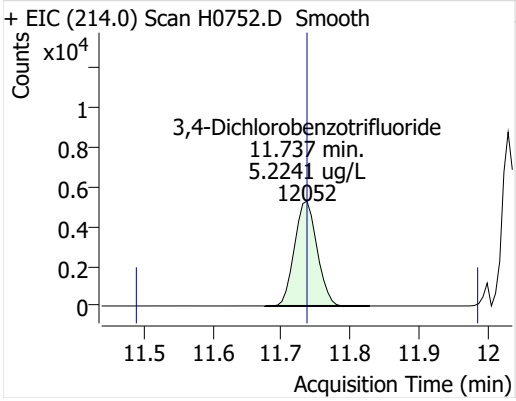
1,2,4-Trimethyl Benzene

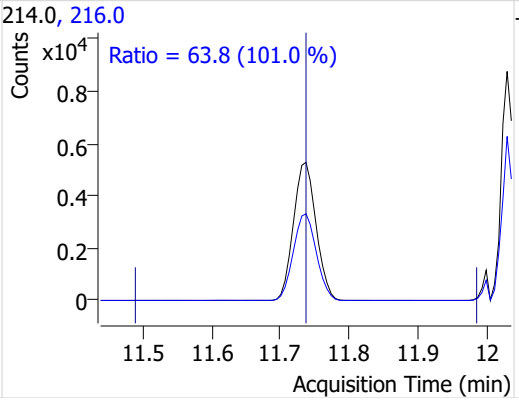


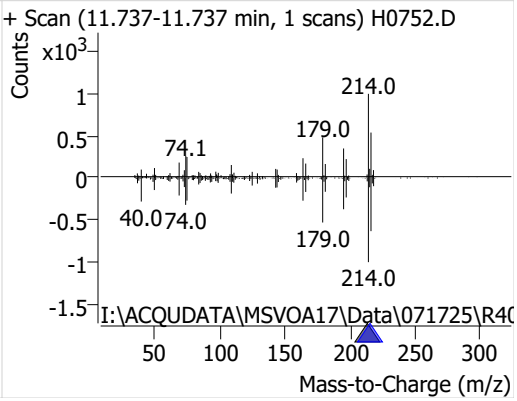




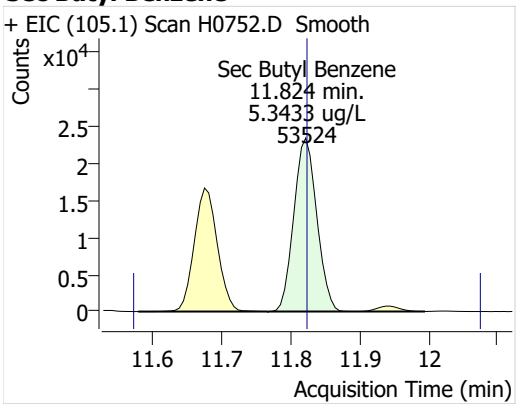
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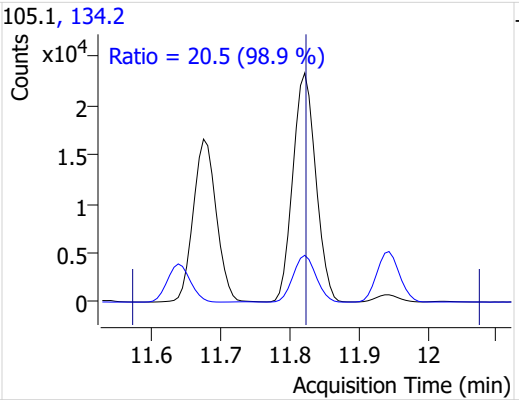


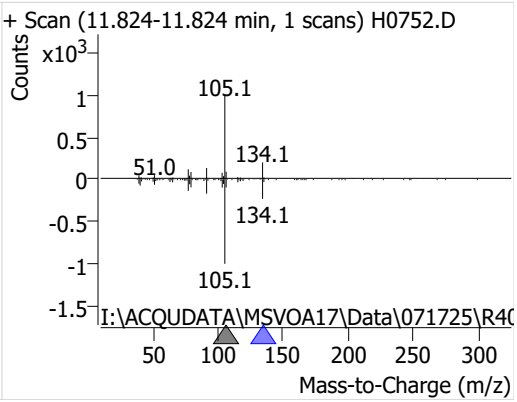




Sec Butyl Benzene

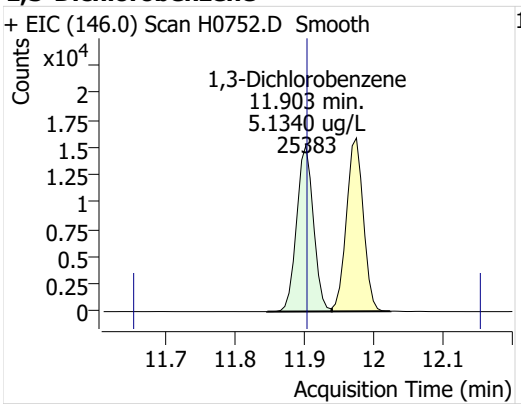


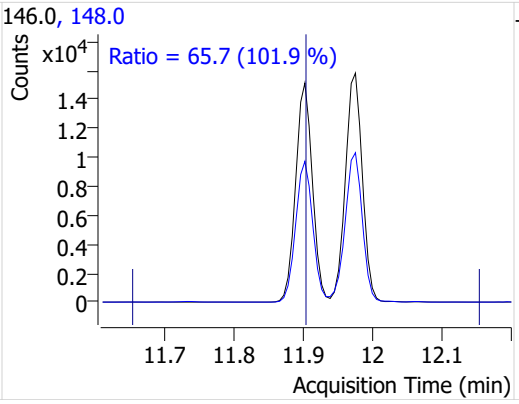


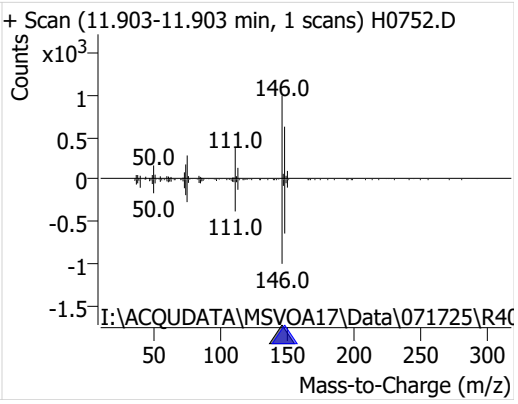


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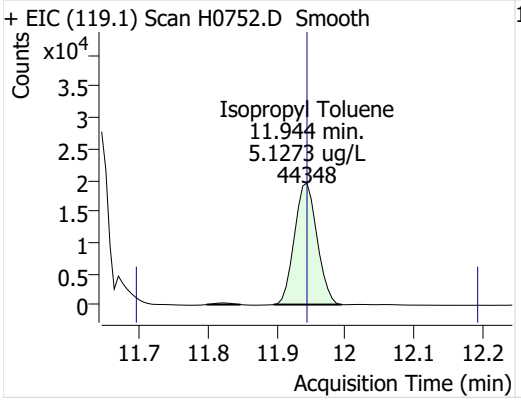
1,3-Dichlorobenzene

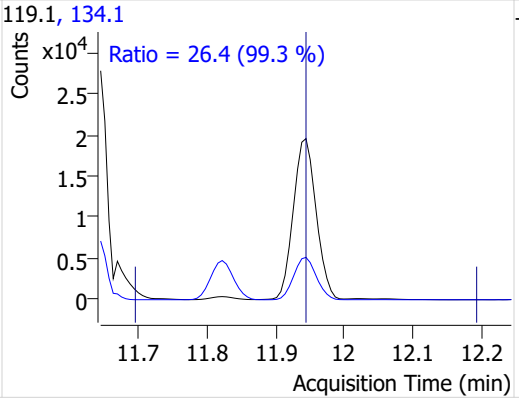


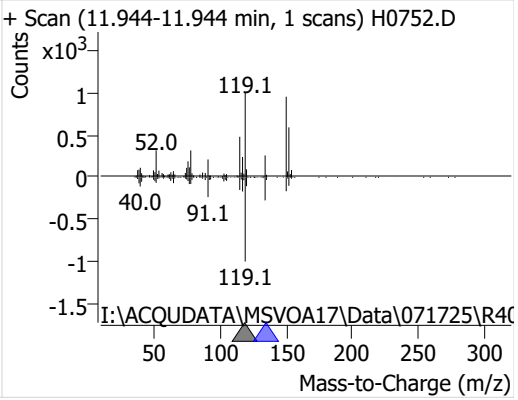




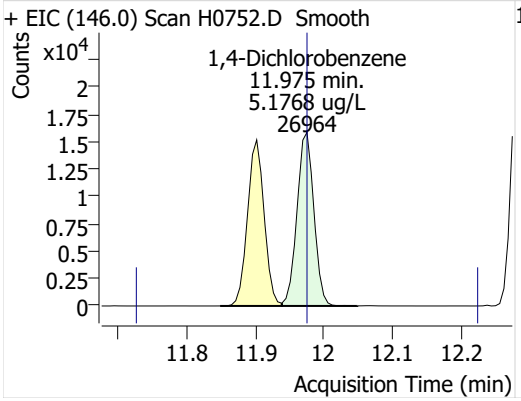
Isopropyl Toluene

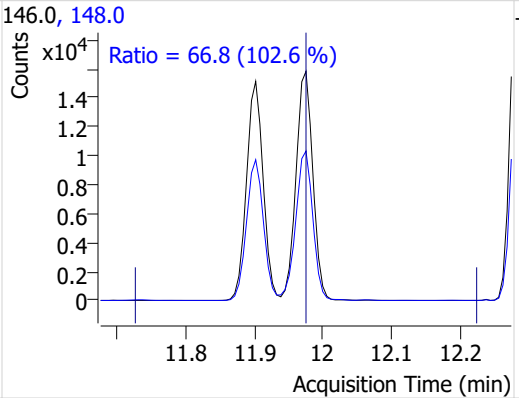


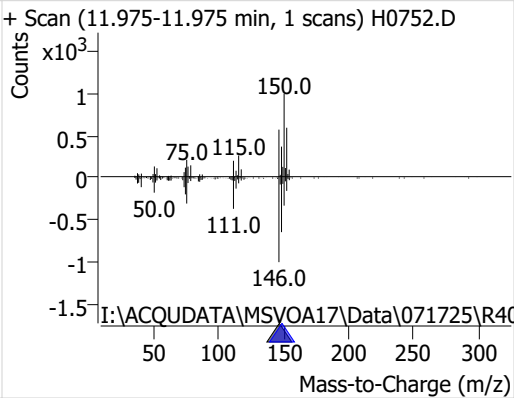




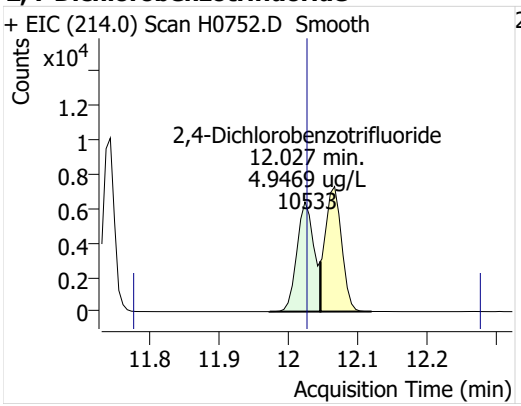
1,4-Dichlorobenzene

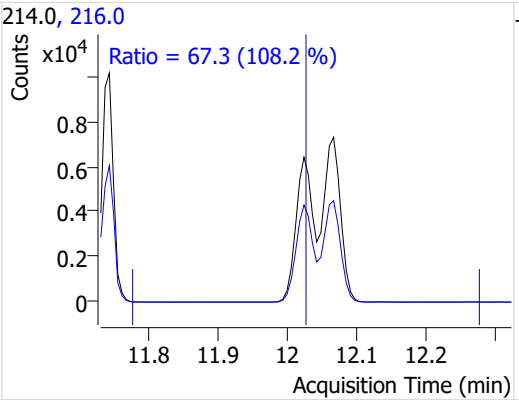


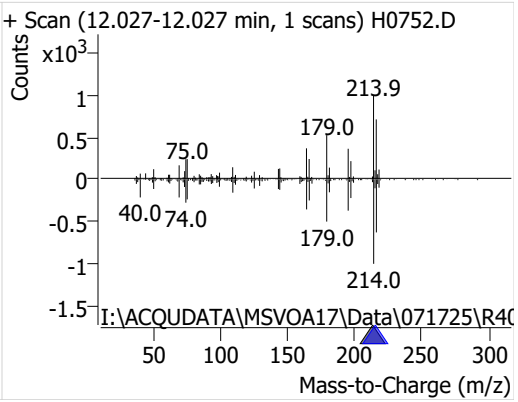




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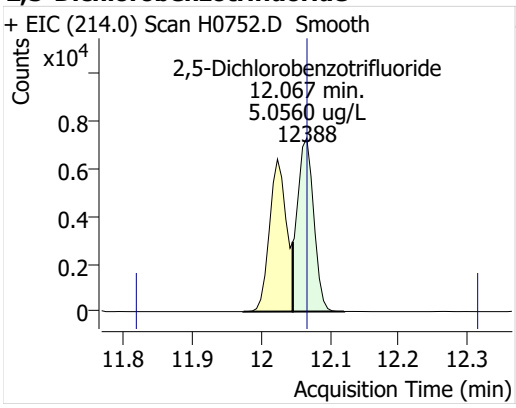


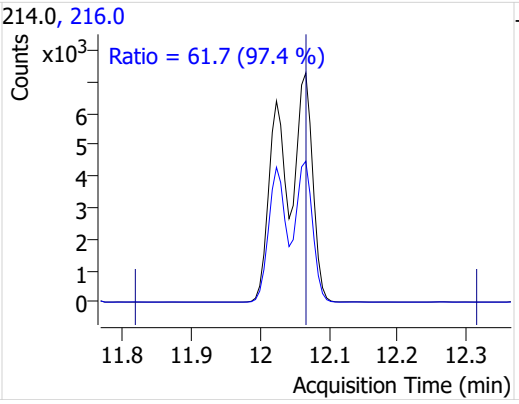


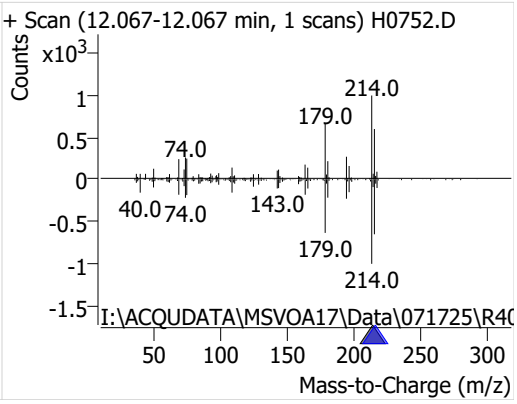


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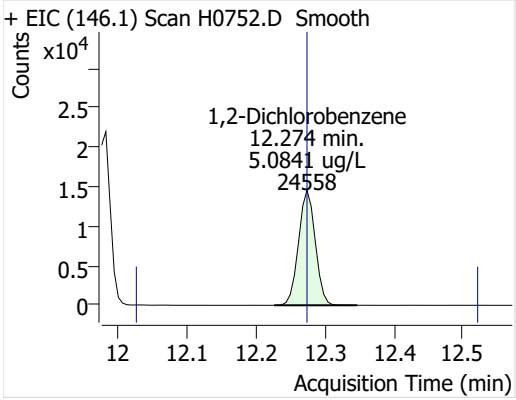
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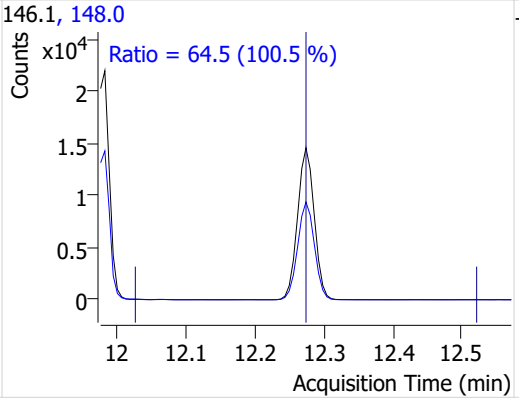


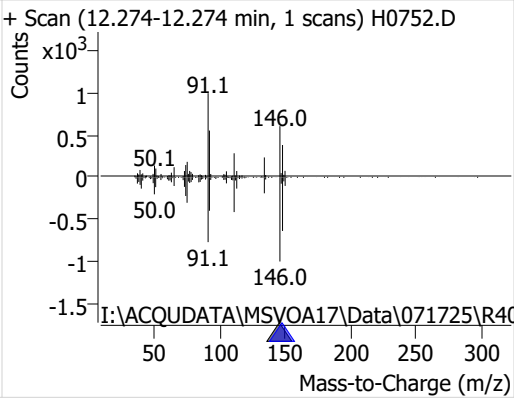




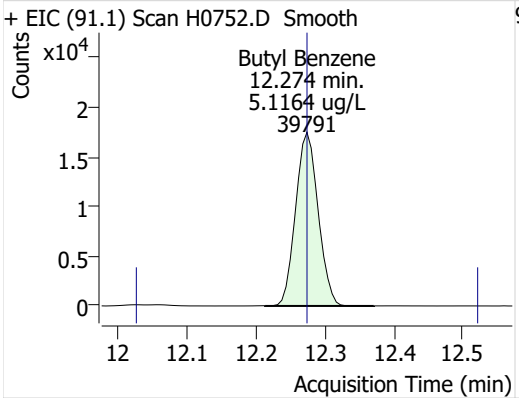
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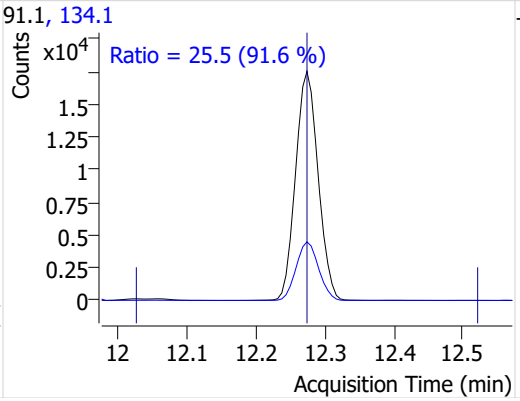


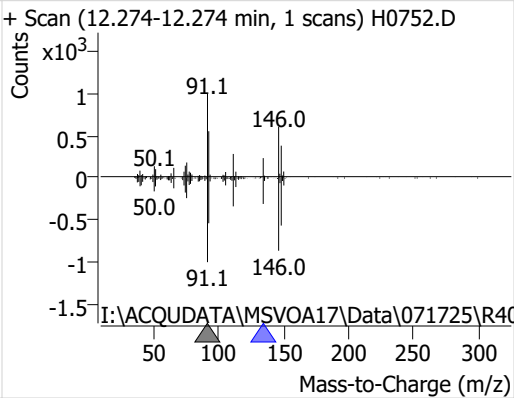




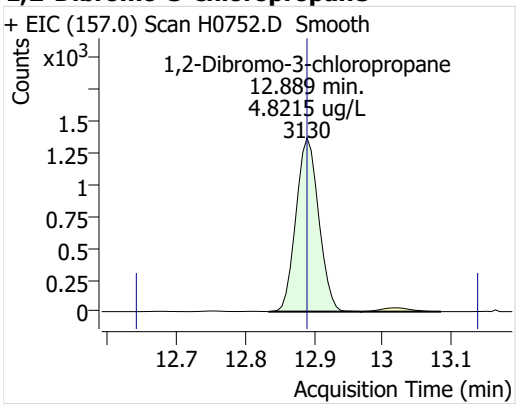
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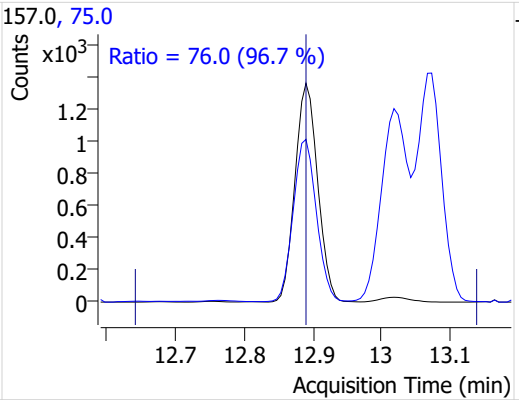


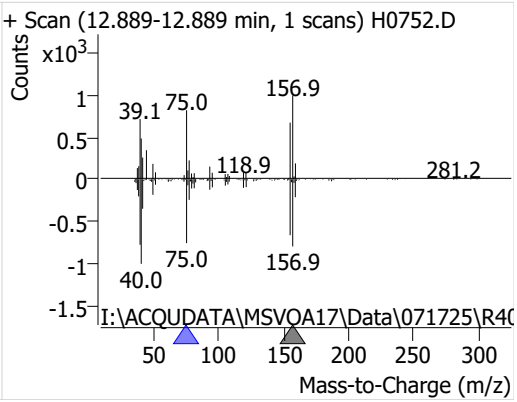




1,2-Dibromo-3-chloropropane

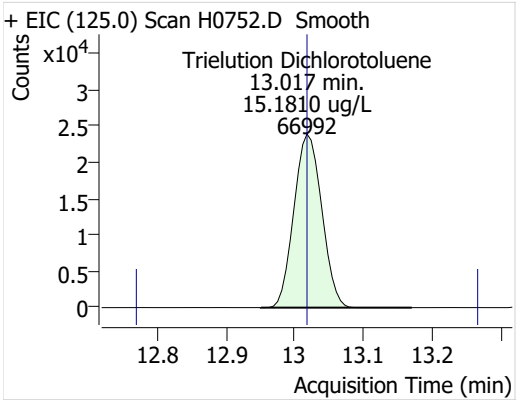


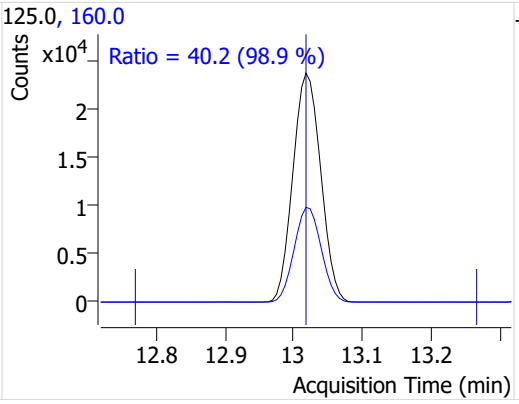


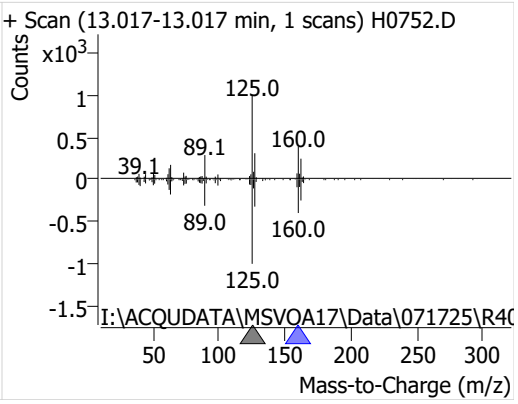


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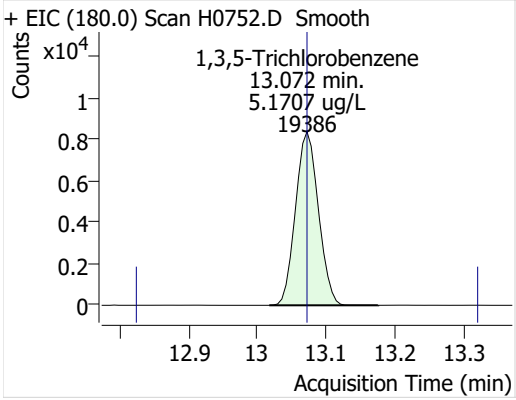
Trielution Dichlorotoluene

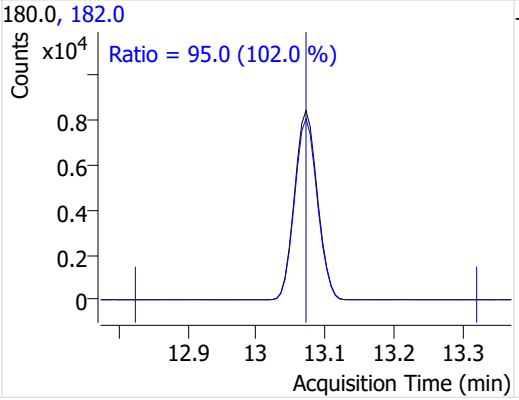


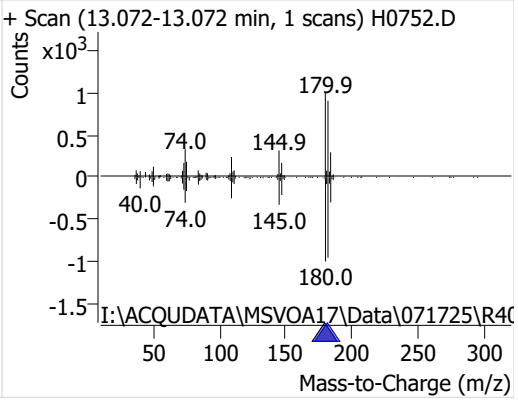




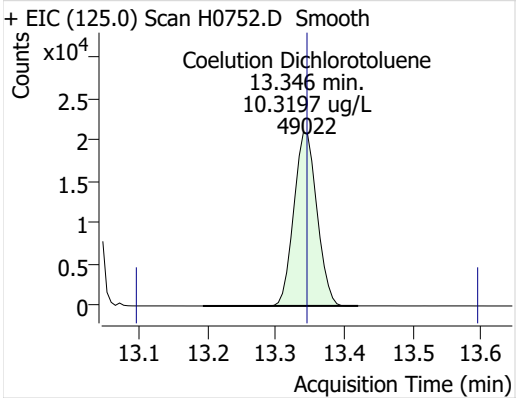
1,3,5-Trichlorobenzene

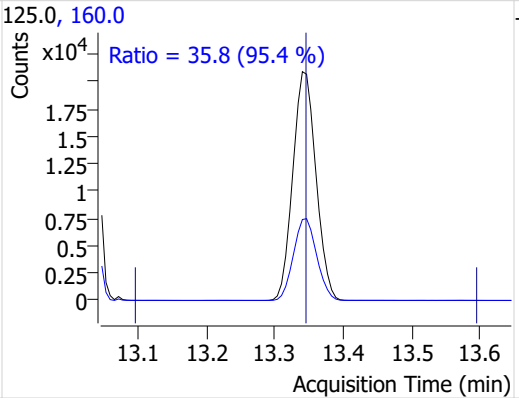


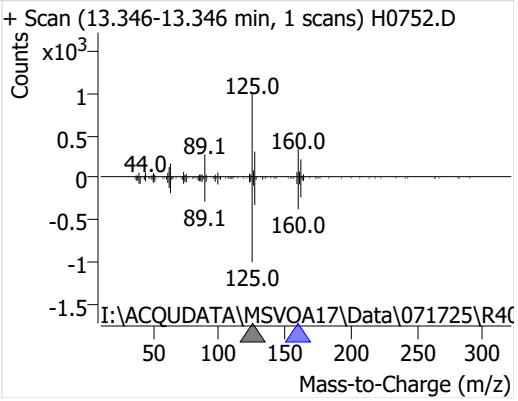




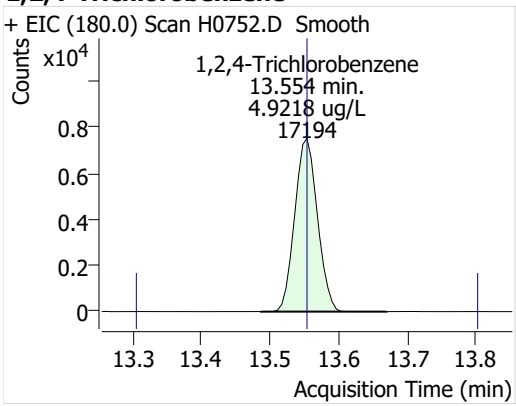
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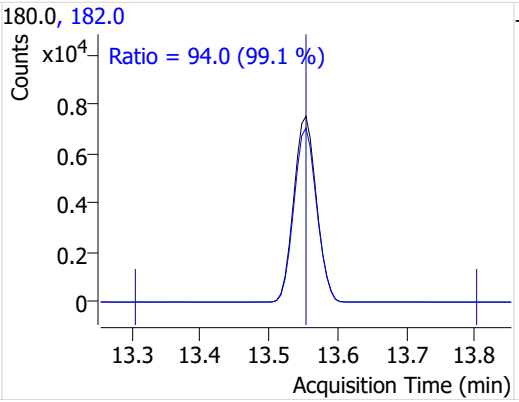


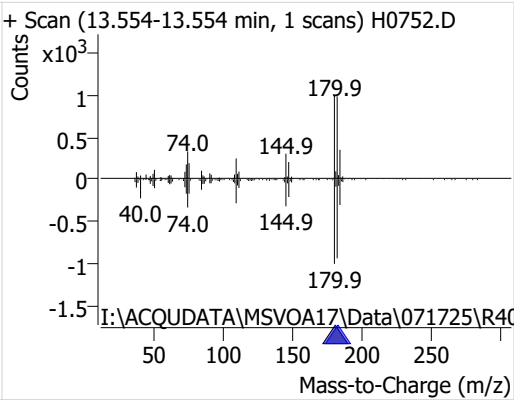




1,2,4-Trichlorobenzene

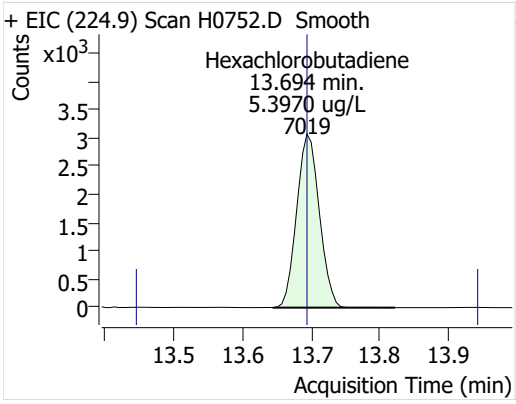


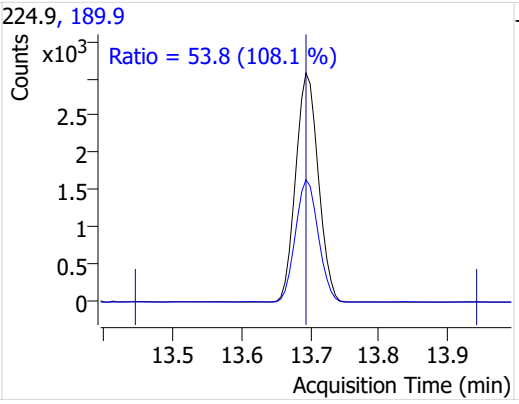


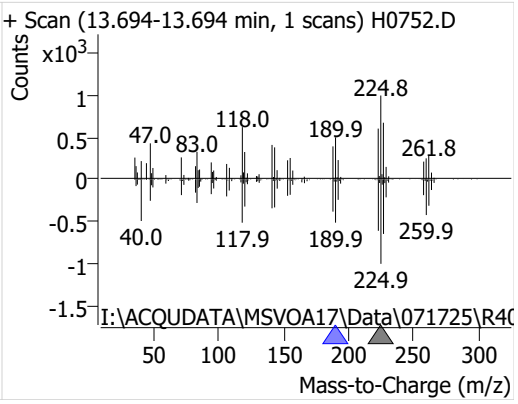


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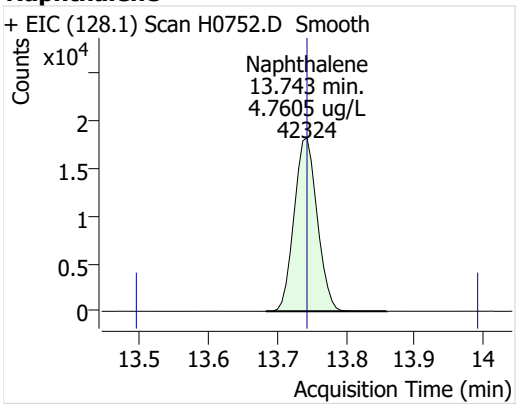
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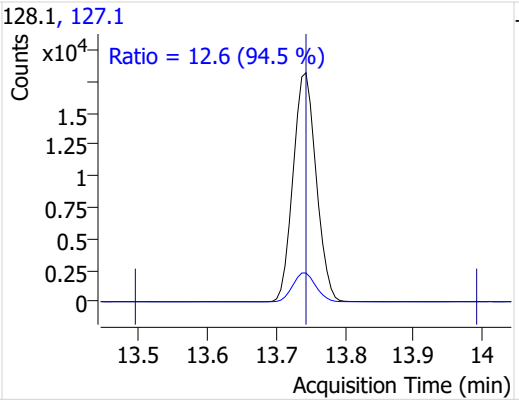


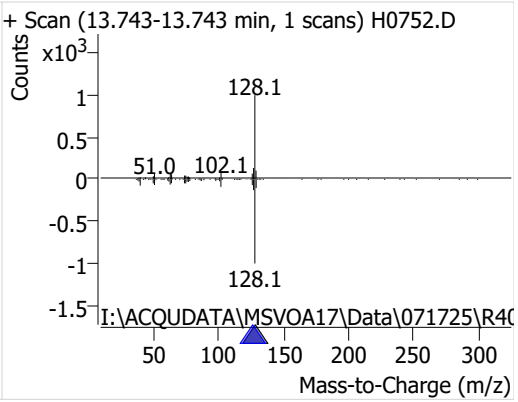




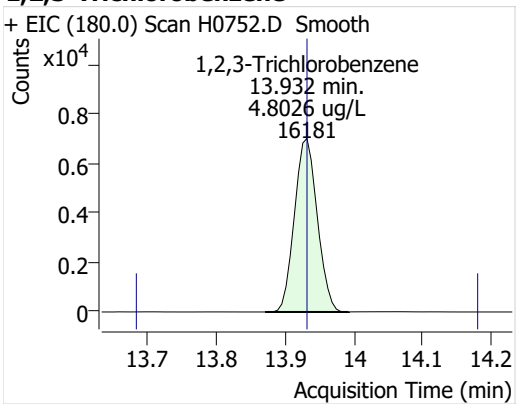
Naphthalene

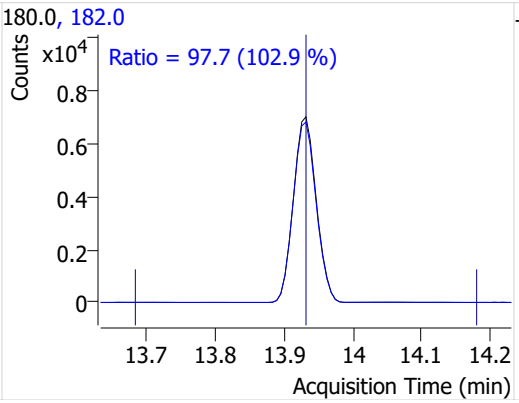


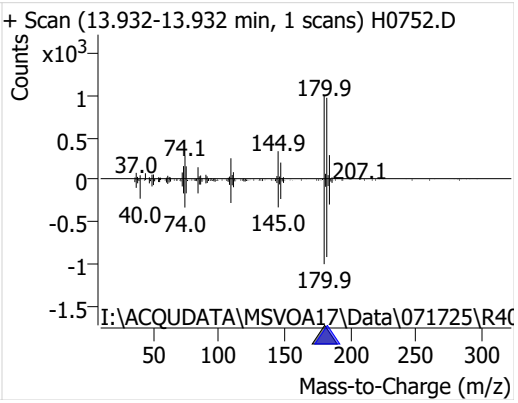




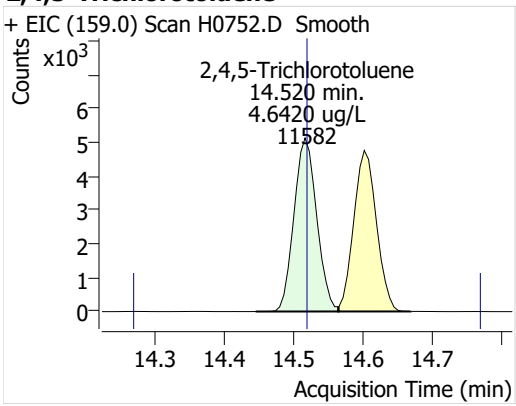
1,2,3-Trichlorobenzene

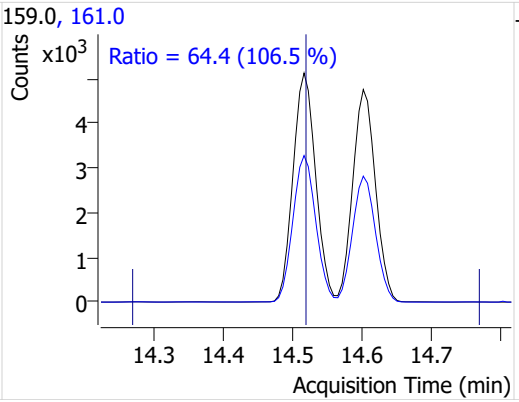


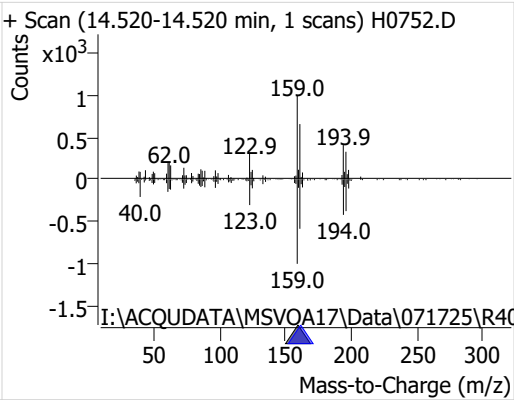




2,4,5-Trichlorotoluene

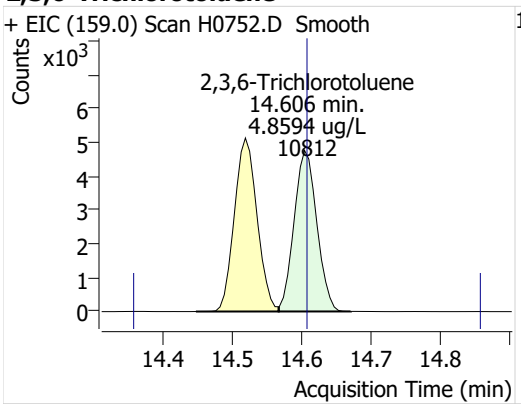


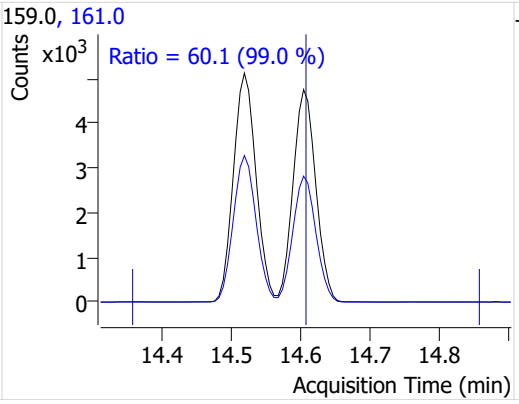


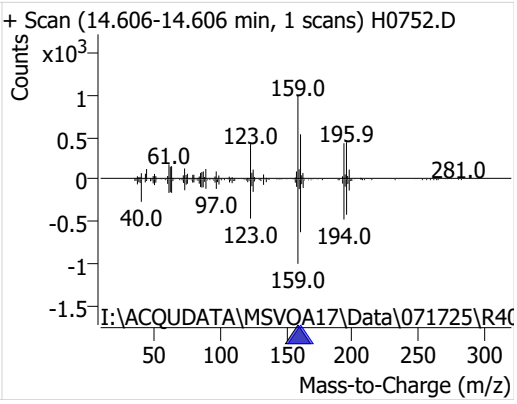


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2,3,6-Trichlorotoluene





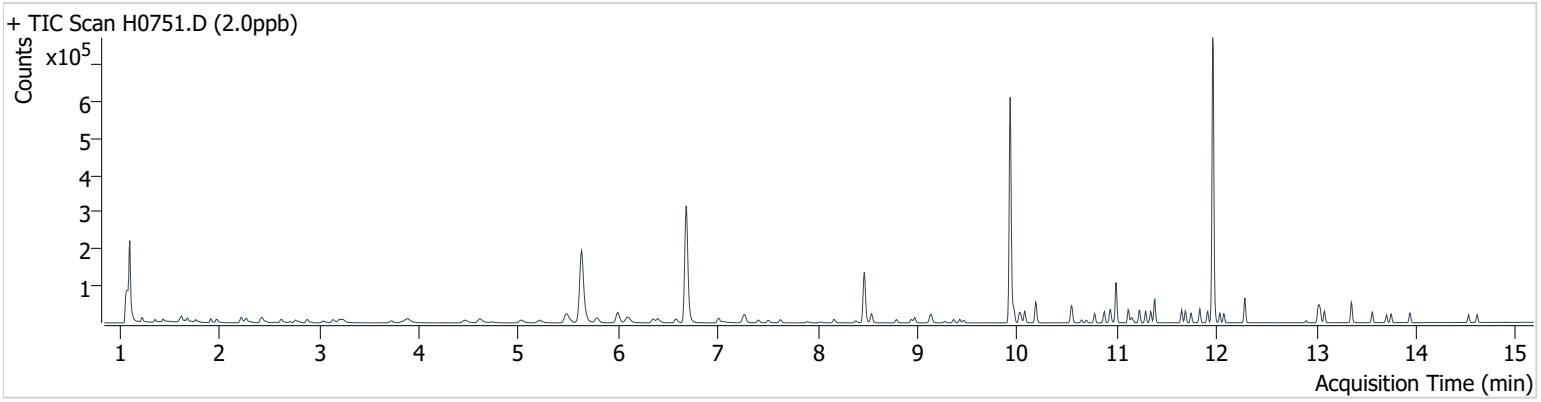


Masshunter Quantitative Analysis Sample Report

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H0751.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	197877	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	325575	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	289274	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	162306	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	21715	10.3457	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	91429	11.2700	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	26637	10.1995	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	26680	11.0129	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	5075	2.0924	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	5202	2.1591	ug/L
Chloromethane	50.100	0.240	0.000	1.350	0.001	4473	2.0266	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	5294	2.0484	ug/L
Bromomethane	94.000	0.298	0.001	1.674	0.004	5596	2.5096	ug/L
Chloroethane	64.000	0.312	0.000	1.756	0.000	3973	2.0981	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.909	0.000	8432	2.1635	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	7808	2.2125	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.001	4846	2.3043	ug/L
Diethyl Ether	59.000	0.395	0.001	2.219	0.003	3633	2.0063	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.001	7508	2.3741	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.002	1365	10.7039	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	6970	2.1765	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	4670	2.1202	ug/L
Acetone	43.000	0.437	0.001	2.460	0.004	2147	2.4256	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.001	1616	2.6376	ug/L
2-Propanol	45.000	0.464	0.001	2.610	0.004	5069	39.0986	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.003	10905	2.0327	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	8882 LT	12.3307	ug/L
Methyl Acetate	43.000	0.496	0.001	2.791	0.003	3854	2.1953	ug/L

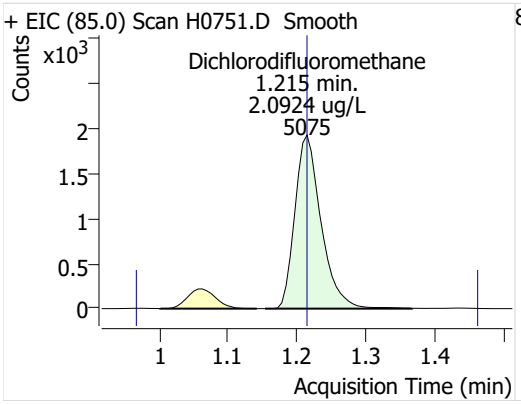
Masshunter Quantitative Analysis Sample Report

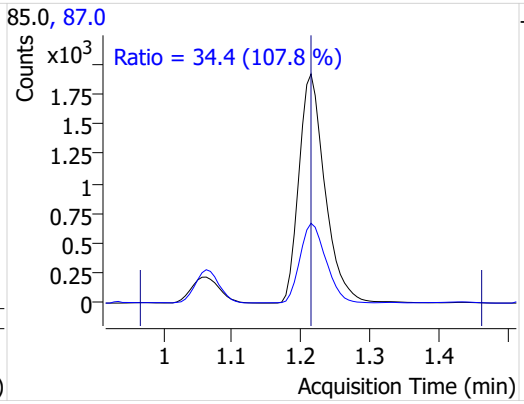
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	4545	2.1138	ug/L
TBA	59.000	0.540	0.002	3.038	0.012	7164	35.7988	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	8894	9.7707	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	5867	2.0700	ug/L
MTBE	73.000	0.575	0.002	3.233	0.009	10996	1.8568	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	7538	2.0759	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.823	0.004	5330	1.7395	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	3360	1.9705	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.006	11962	1.9287	ug/L
ETBE	59.000	0.793	0.001	4.458	0.007	11114	1.9149	ug/L
cis-1,2-Dichloroethene	96.000	0.820	0.000	4.608	0.000	4709	2.0791	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.610	0.000	5475	2.0180	ug/L
2-Butanone	43.000	0.836	0.005	4.700	0.026	2428	2.1805	ug/L
Propionitrile	54.000	0.842	0.002	4.732	0.015	3447	9.8528	ug/L
Bromochloromethane	129.900	0.893	0.001	5.019	0.003	3348	2.1041	ug/L
Methylacrylonitrile	67.000	0.894	0.001	5.029	0.010	1641	1.8010	ug/L
Tetrahydrofuran	42.000	0.927	0.007	5.213	0.039	1335	1.9768	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	8110	2.1714	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	6521	2.1278	ug/L
Cyclohexane	84.000	0.841	0.001	5.610	0.006	10996	1.9613	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.001	5459	1.9611	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	5468	2.1112	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	15982	2.0511	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	5854	1.9426	ug/L
Iso-Butyl Alcohol	43.000	0.918	0.004	6.123	0.022	2138	40.1260	ug/L
TAME	73.000	1.128	0.002	6.342	0.012	10001	1.8567	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.000	4809	2.1551	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	4902	2.0466	ug/L
1-Butanol	56.000	1.057	0.004	7.049	0.024	3908	72.8716	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	5712	2.0219	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	4219	1.9691	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	3278	2.1437	ug/L
1,4-Dioxane	88.000	1.125	0.004	7.506	0.024	1184	37.5329	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	2463	1.6761	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	5540	1.9498	ug/L
2-Nitropropane	43.000	1.183	0.000	7.892	0.002	2274	4.0074	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.021	0.001	1156	1.8086	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	5275	1.8665	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.001	8.377	0.007	3598	1.7374	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	17185	2.0153	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	4463	1.7974	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.933	0.003	4276	1.6506	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	4015	2.0429	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	4544	2.0806	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	6726	2.0110	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	1362	1.6663	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	4358	1.8703	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.418	0.004	5332	1.7077	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.003	3864	1.9904	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	12322	2.0335	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	6572	2.0825	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.015	0.001	5809	1.9408	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	4071	1.9296	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	18375	1.9610	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	27493	3.8950	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	14643	1.9429	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	11728	1.8518	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	2419	1.6969	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	6579	2.0822	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	16335	1.9191	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	12567	36.5669	ug/L

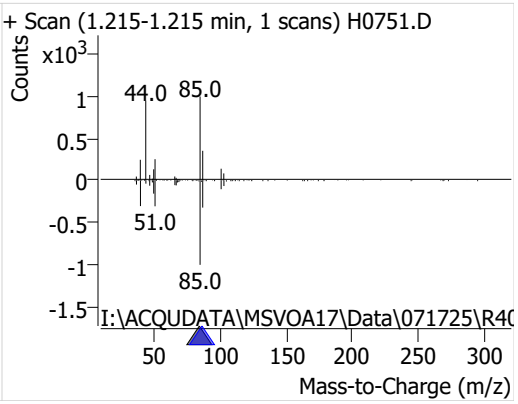
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	4863	1.8872	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	5035	1.9628	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	6184	1.9416	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	1098 BA	1.6431	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	20383 BA	1.9798	ug/L
2-Chlorotoluene	91.100	0.943	0.000	11.281	0.000	11699	1.8892	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	12669	2.0315	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	15224	1.9390	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.000	16548	1.9646	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	15306	1.9776	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	13894	1.8063	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	4878	2.1396	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	19602	1.9802	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	9874	2.0211	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	16757	1.9605	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	9995	1.9418	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	4229	2.0100	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	4978	2.0560	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	9971	2.0889	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	14645	1.9055	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	1306	2.0361	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	25400	5.8246	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	7504	2.0253	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	18274	3.8928	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	6895	1.9973	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	2501	1.9458	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	15618	1.7777	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	6514	1.9566	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	4465	1.8108	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	4036	1.8358	ug/L

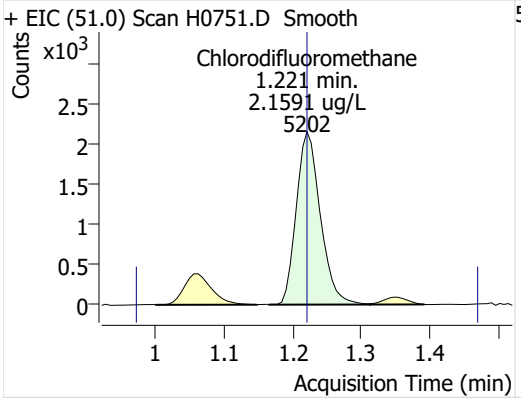
Dichlorodifluoromethane

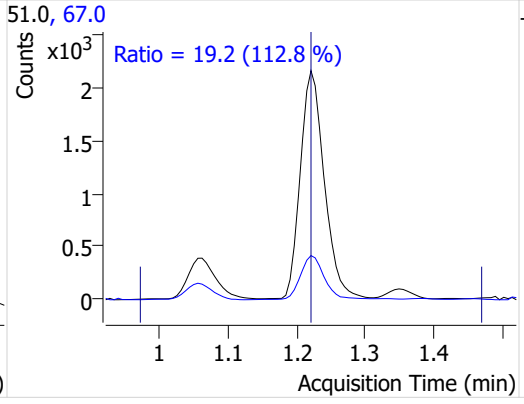


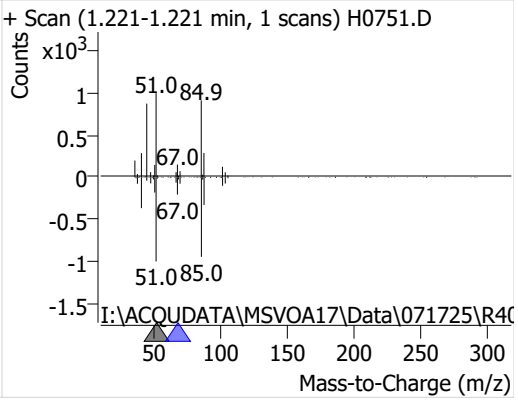




Chlorodifluoromethane

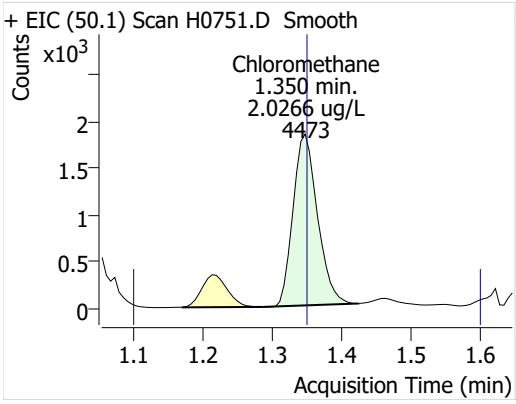


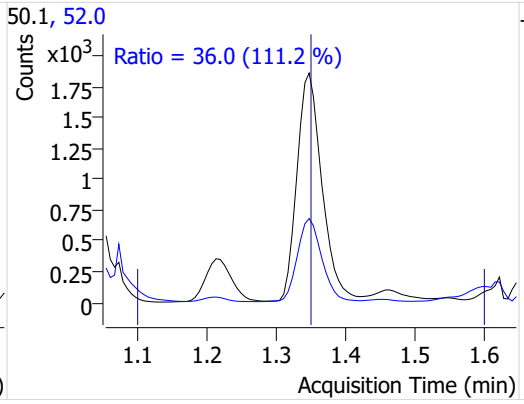


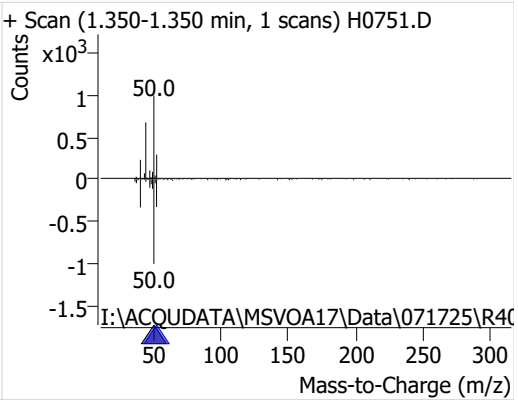


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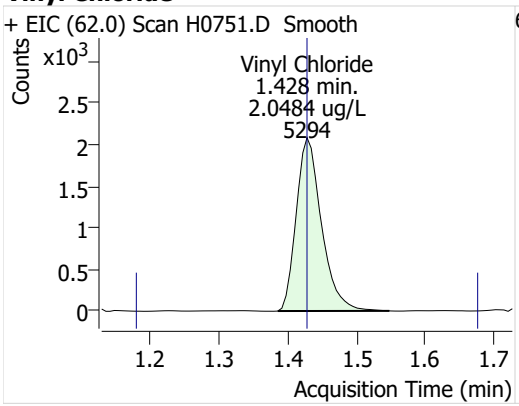
Chloromethane

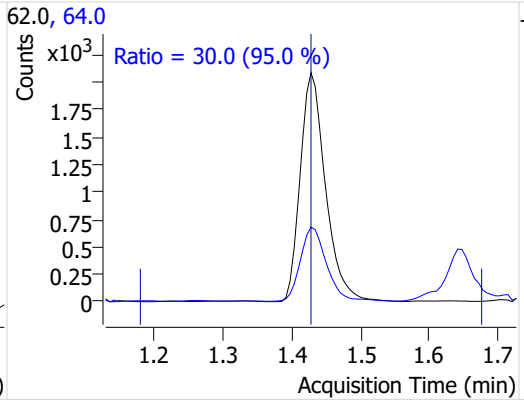


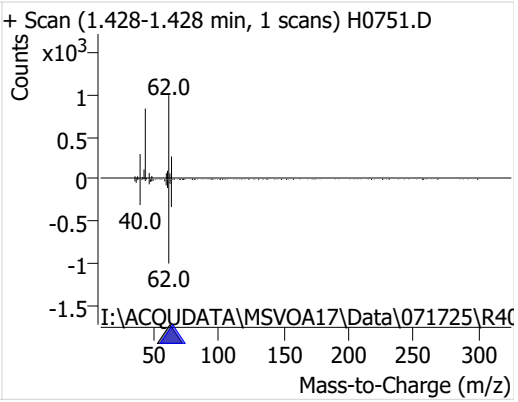




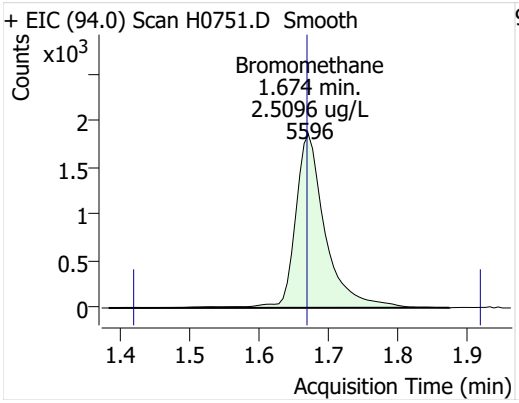
Vinyl Chloride

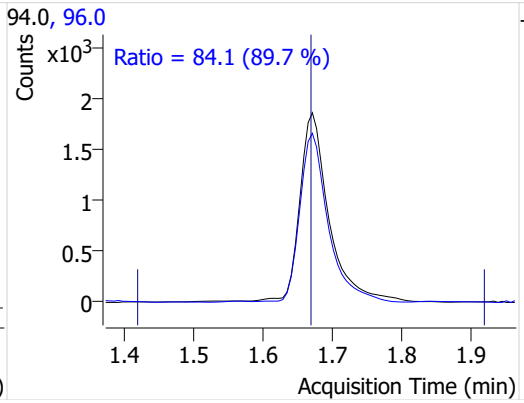


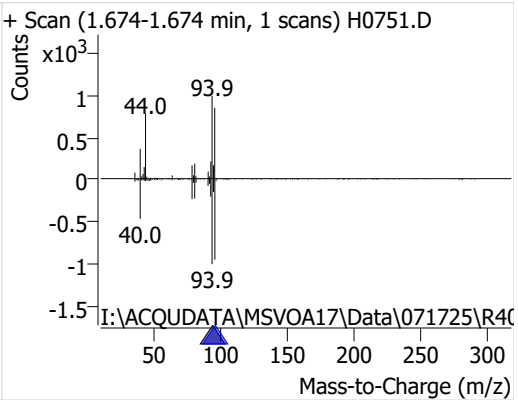




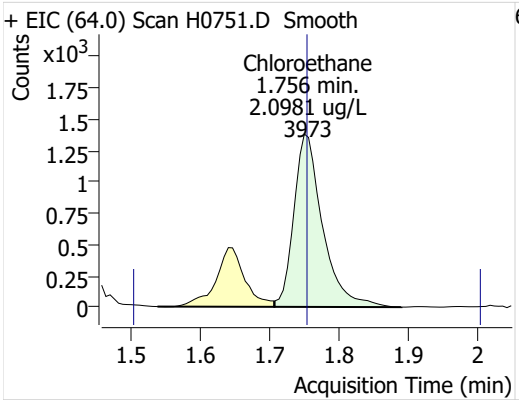
Bromomethane

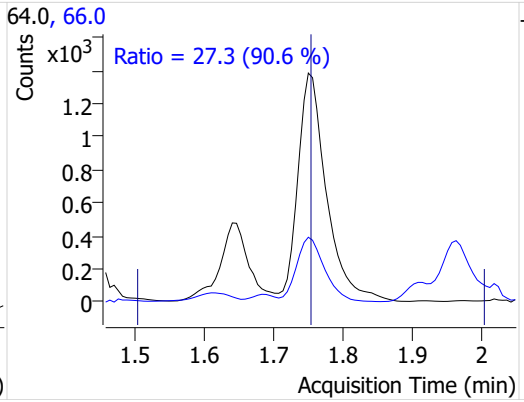


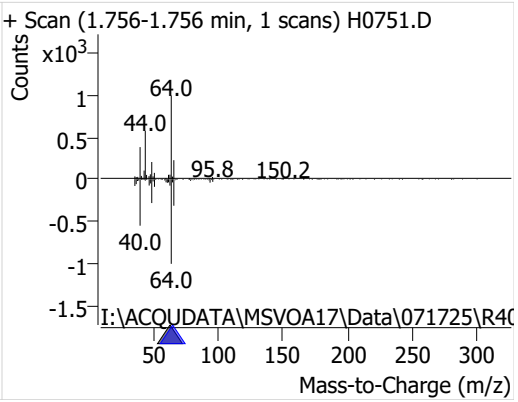




Chloroethane

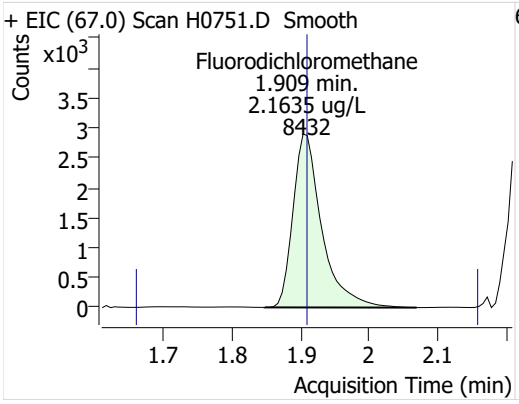


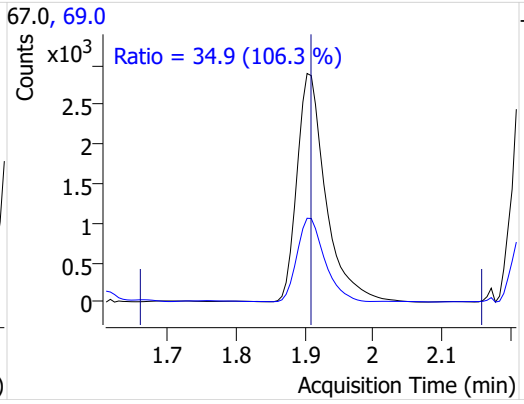


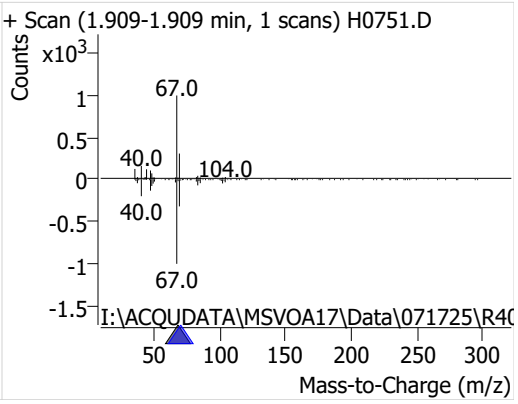


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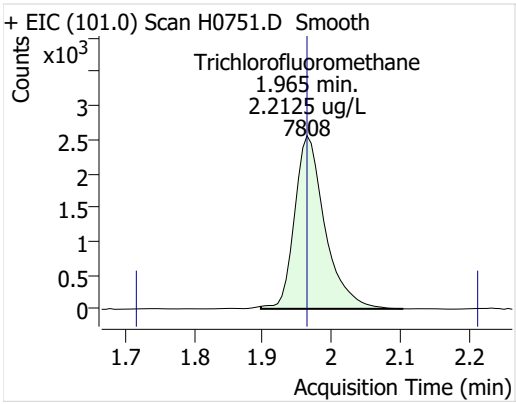
Fluorodichloromethane

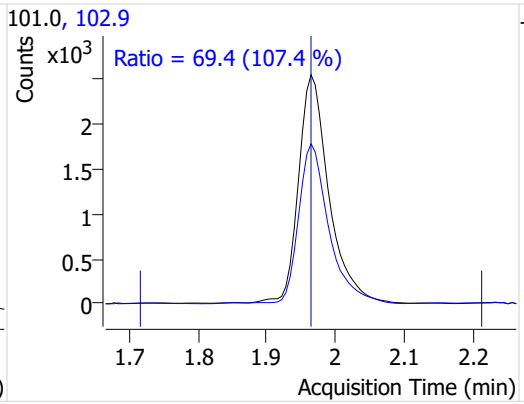


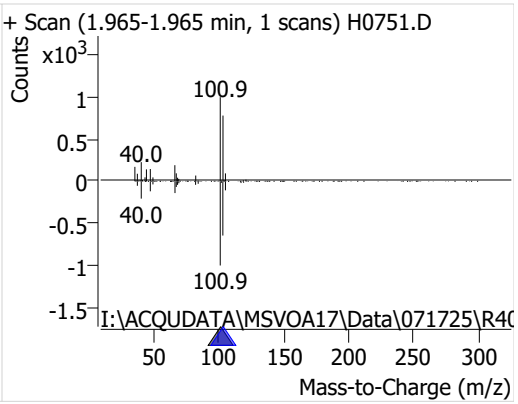




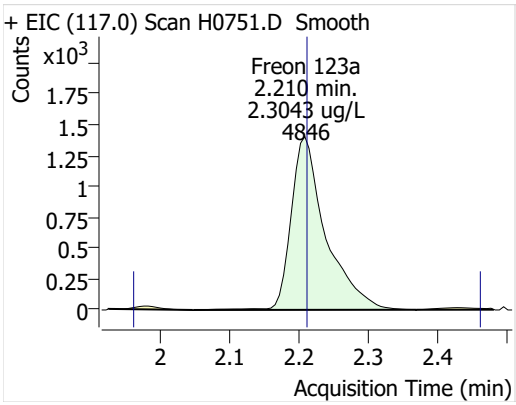
Trichlorofluoromethane

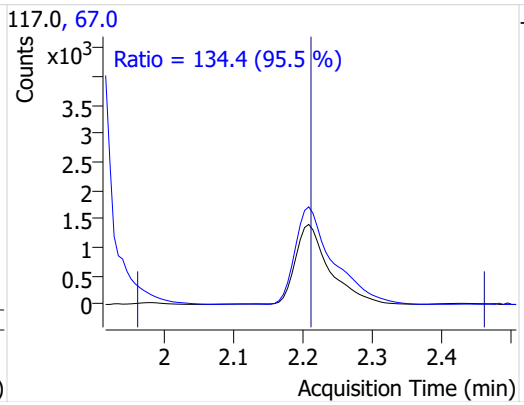


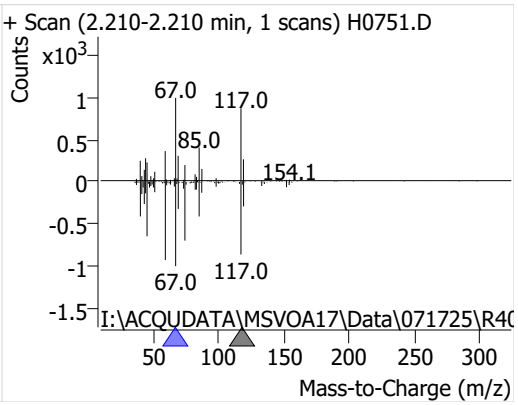




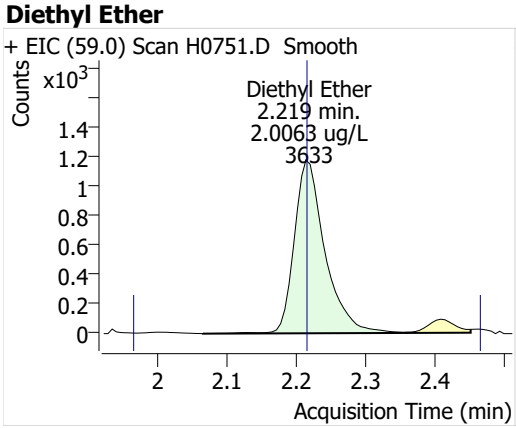
Freon 123a

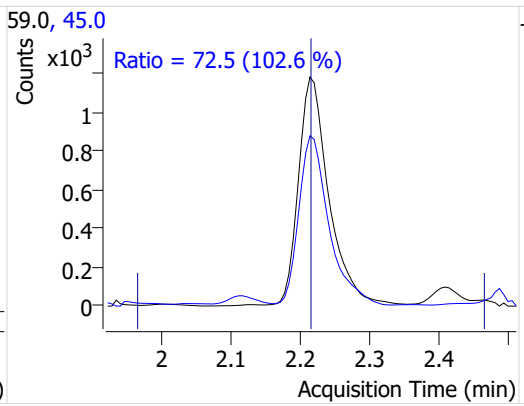


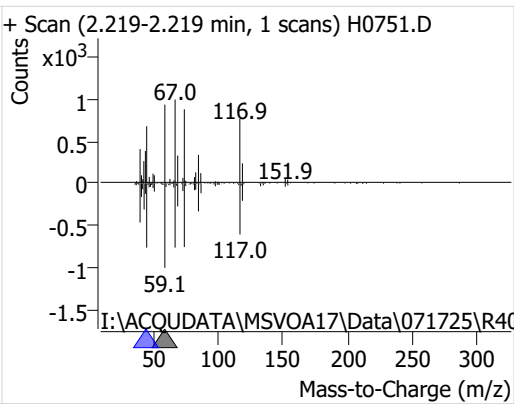




Diethyl Ether

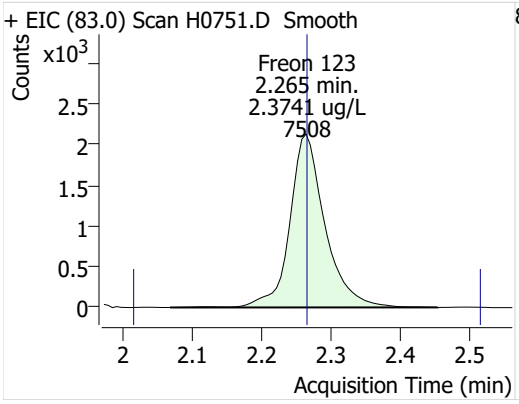


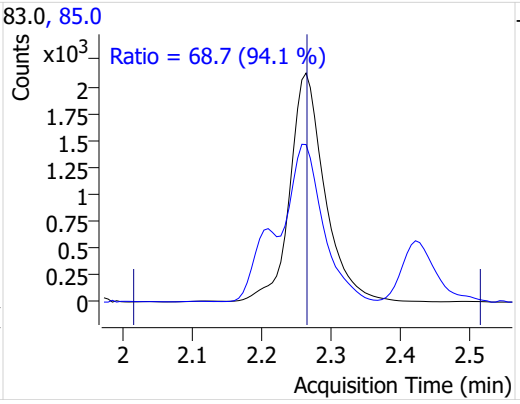


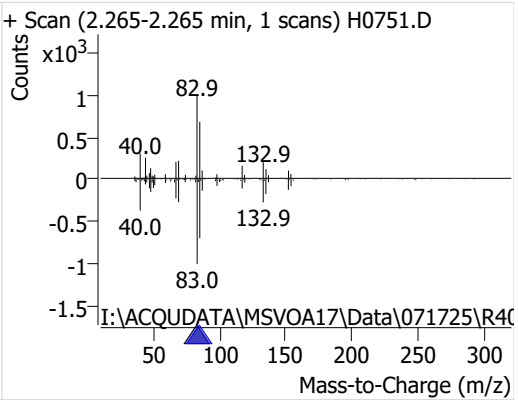


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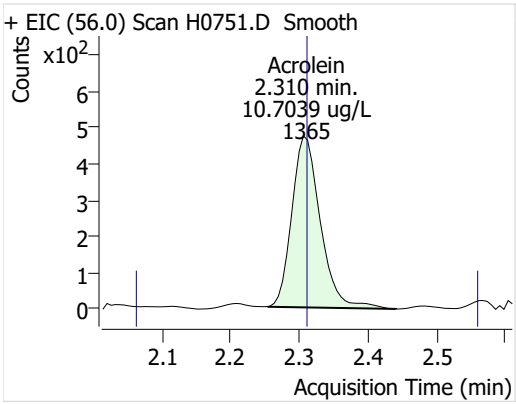
Freon 123

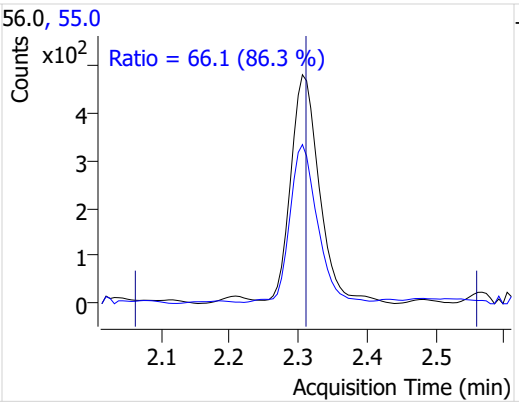


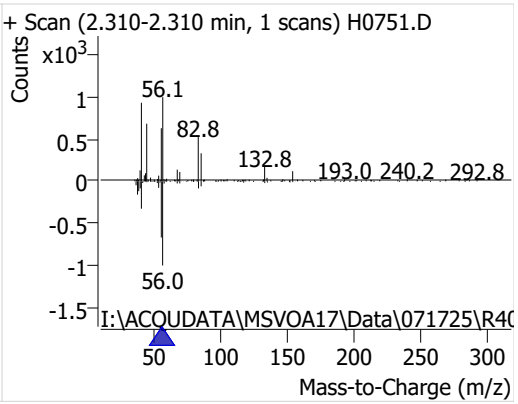




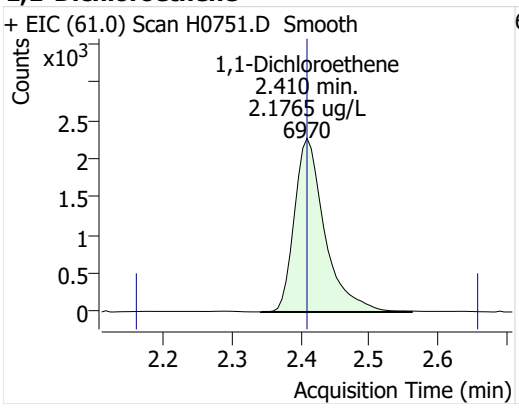
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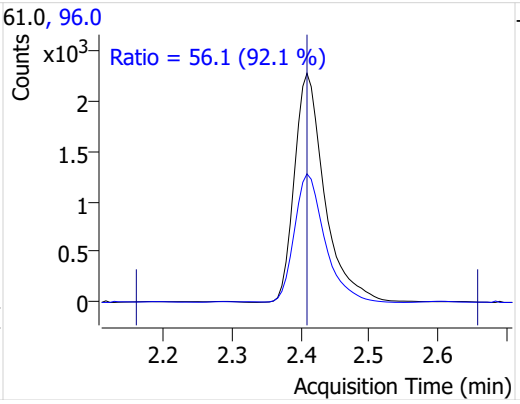


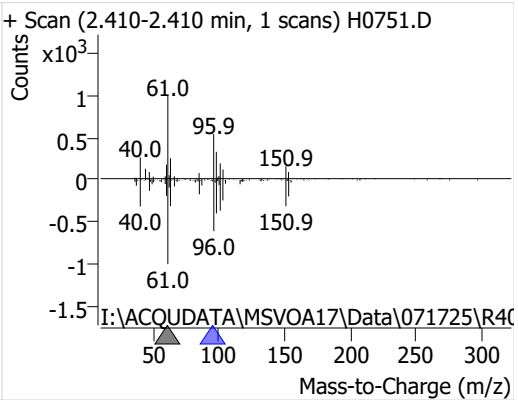




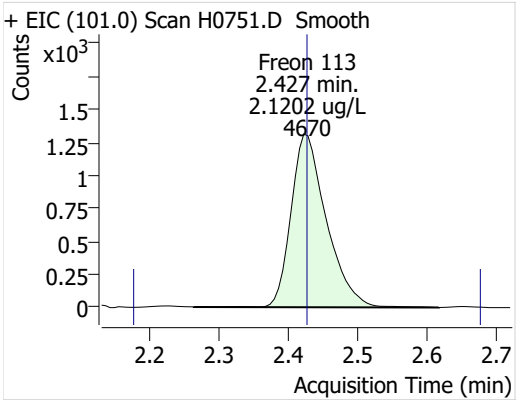
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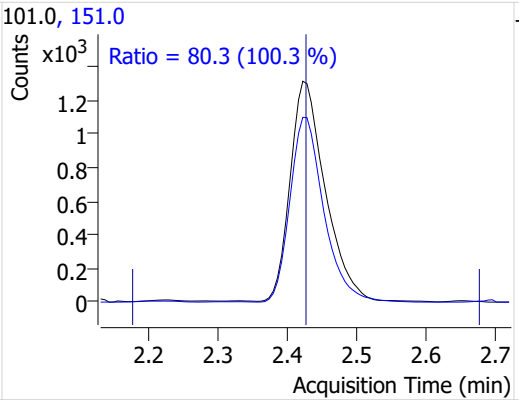


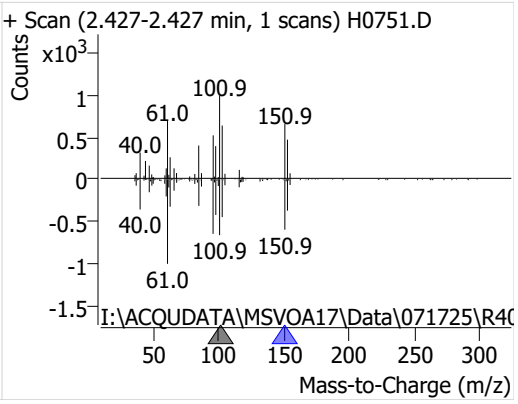




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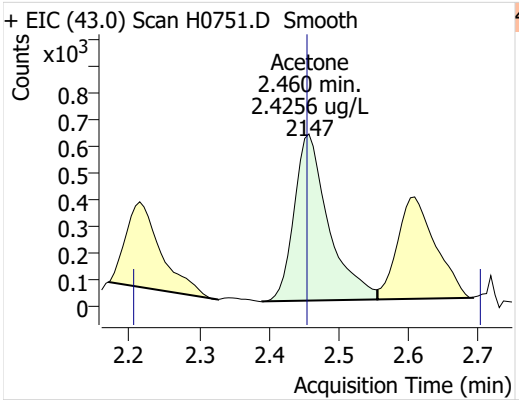


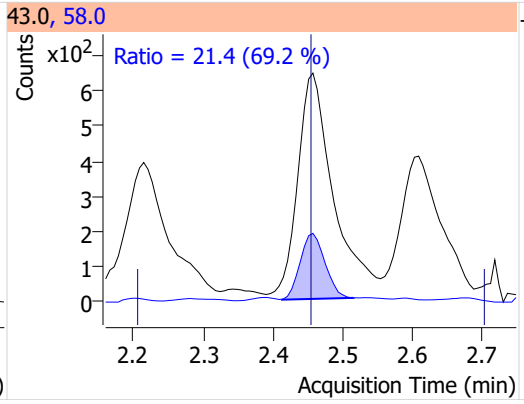


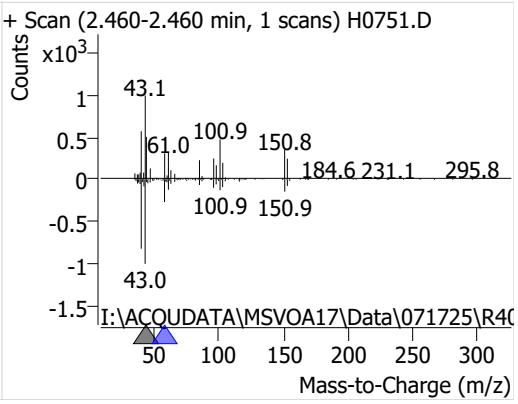


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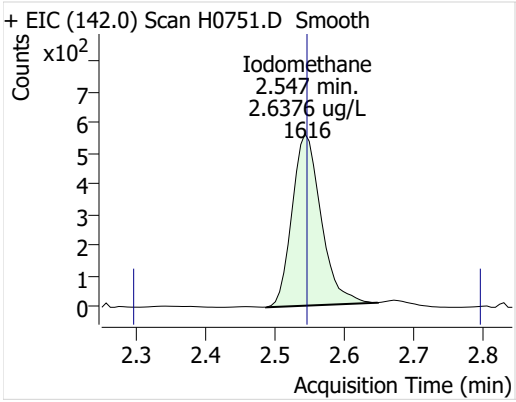
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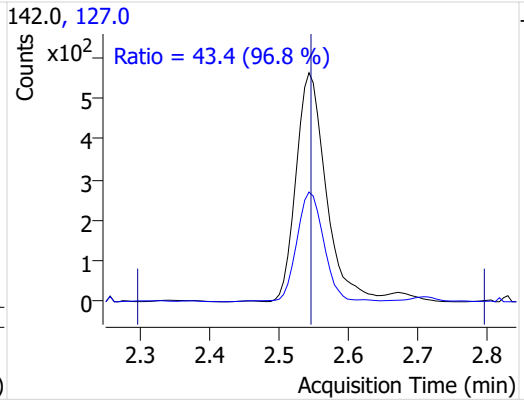


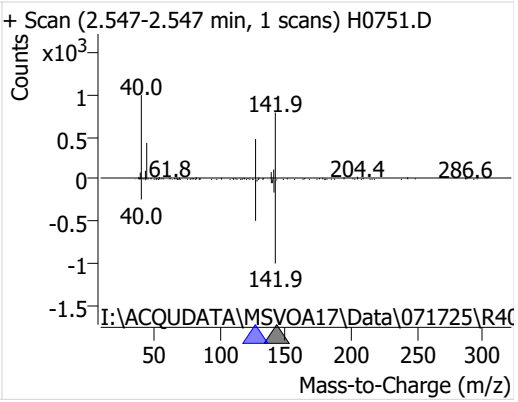




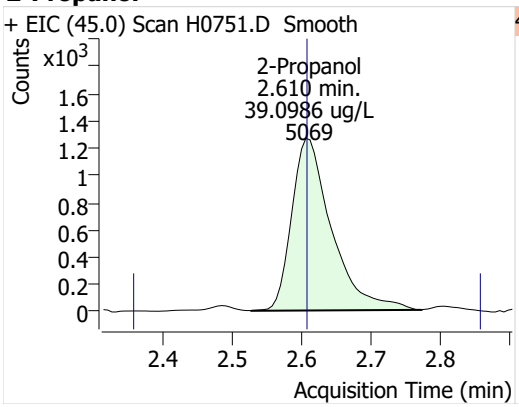
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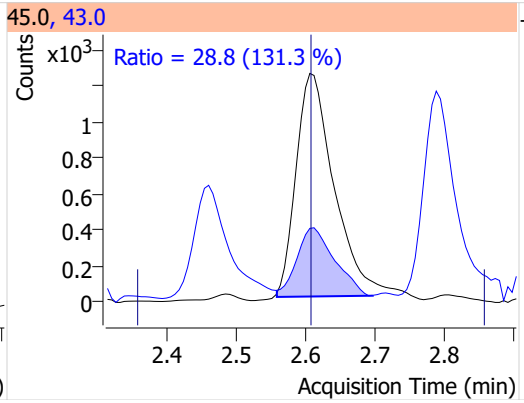


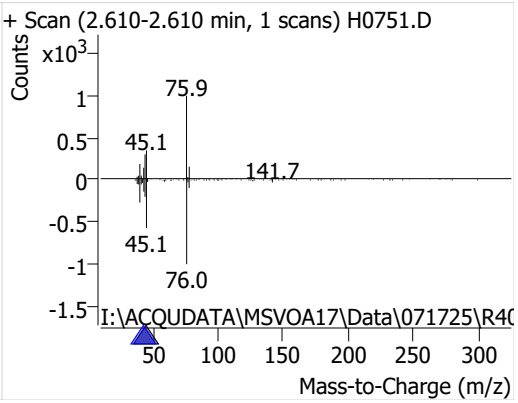




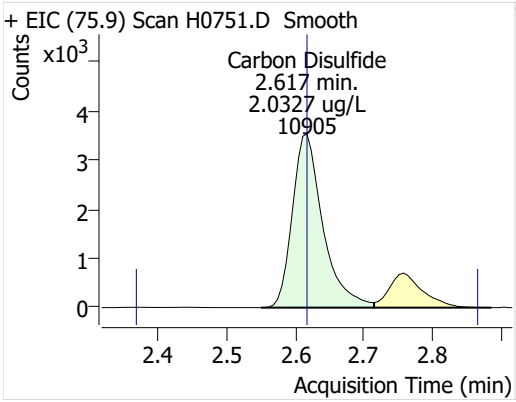
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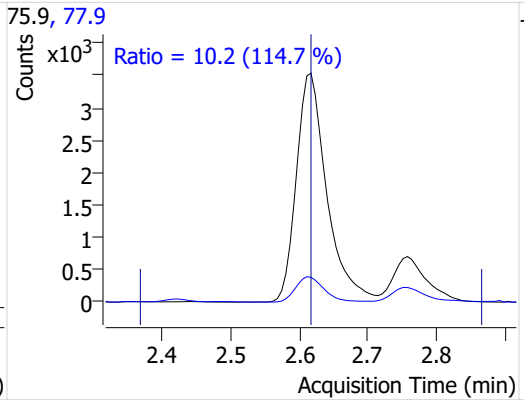


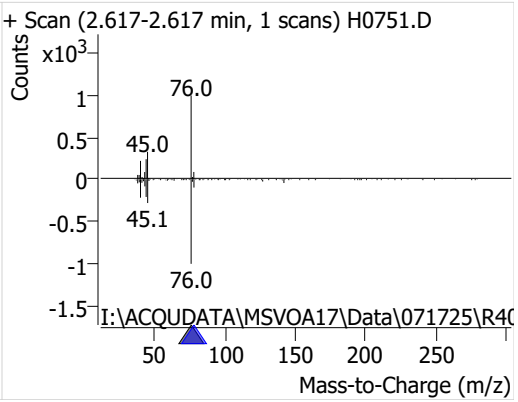




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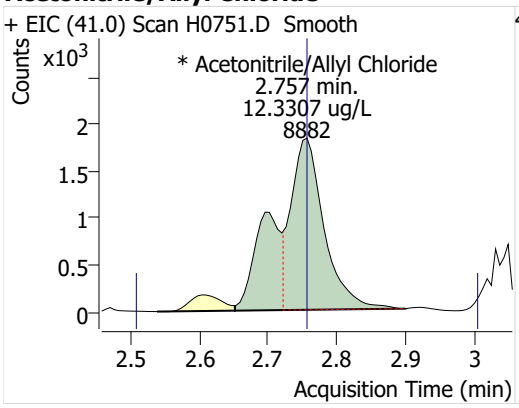


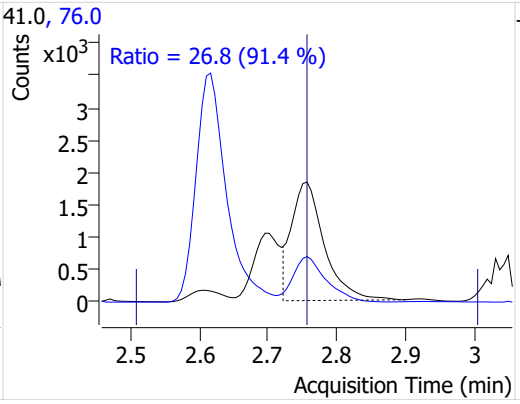


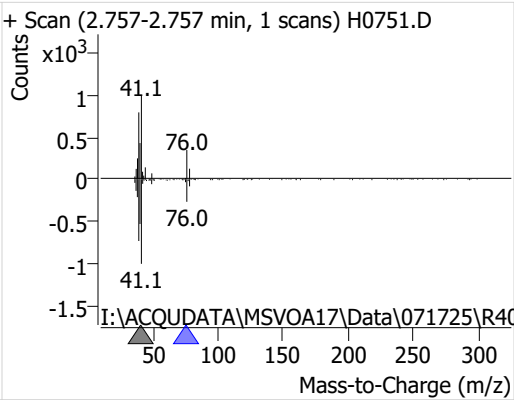


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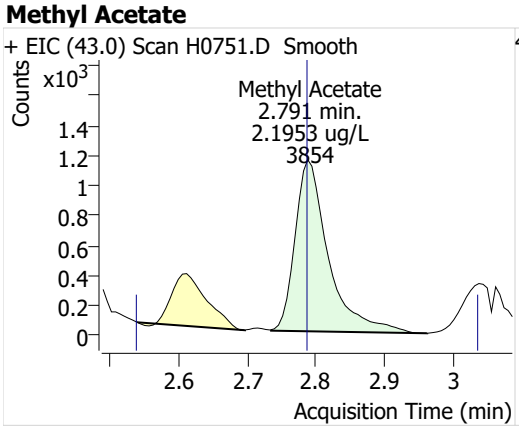
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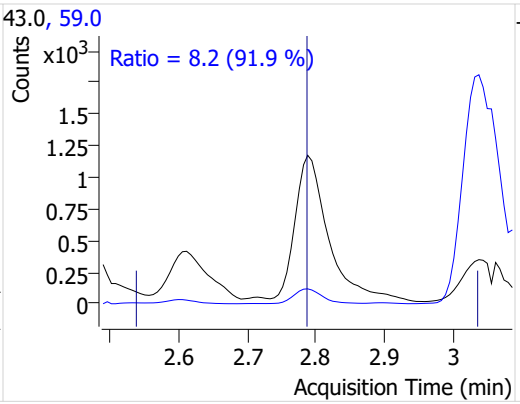


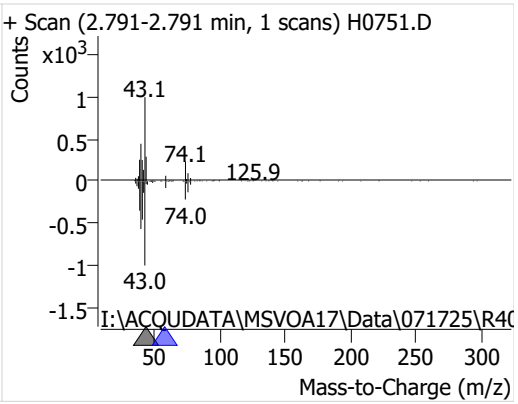




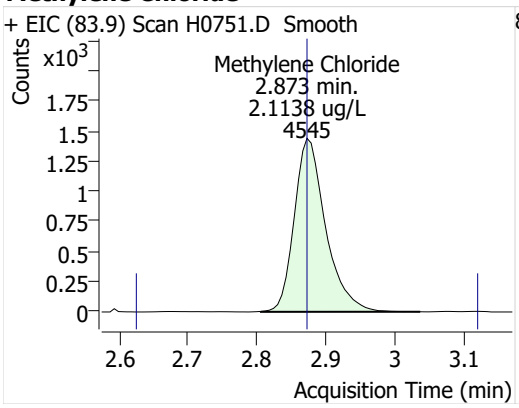
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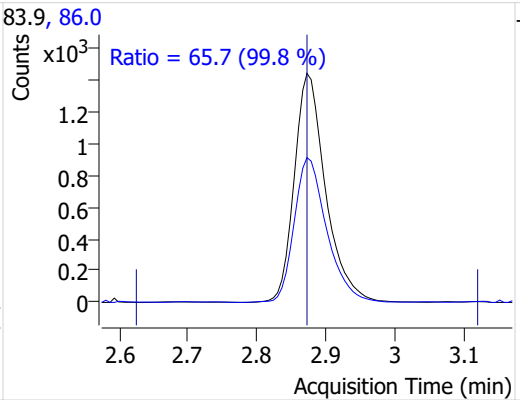


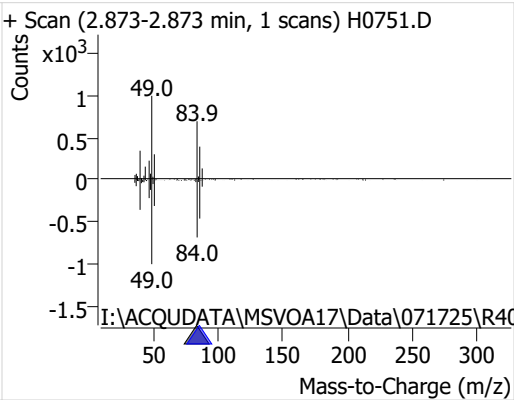




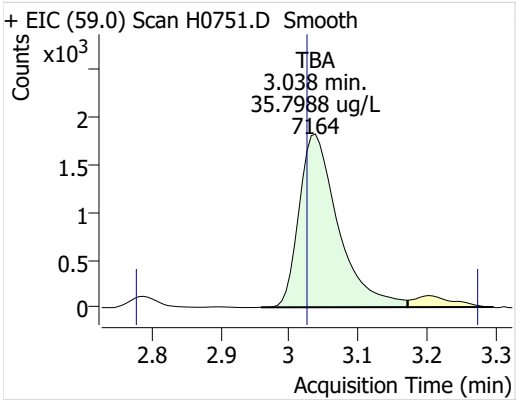
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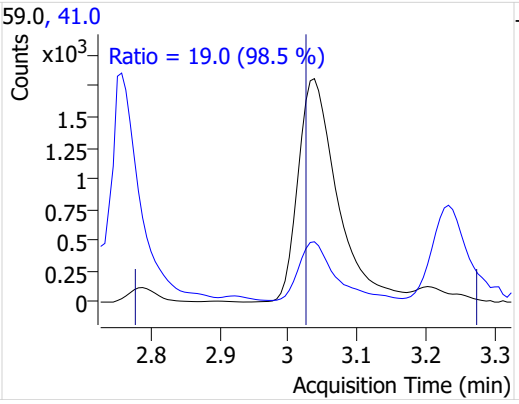


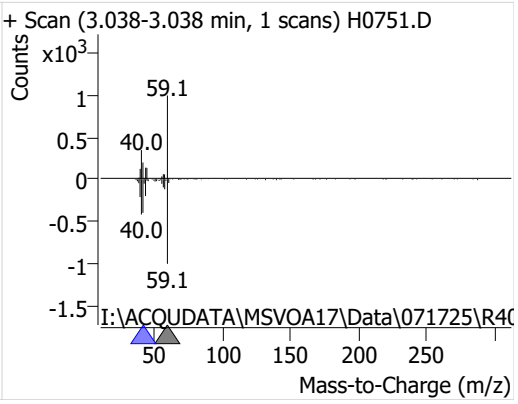




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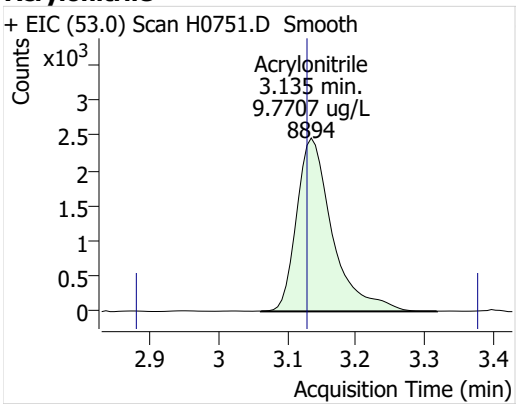


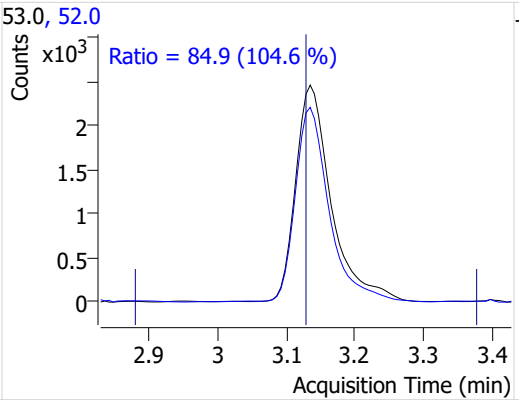


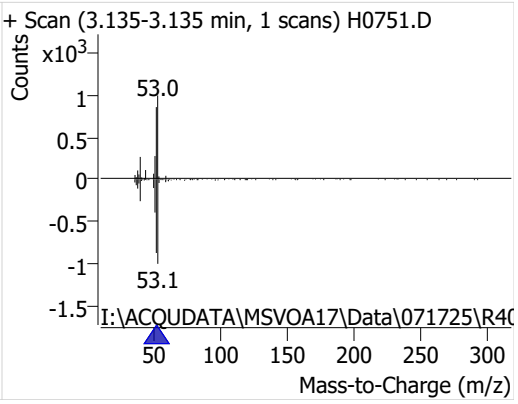


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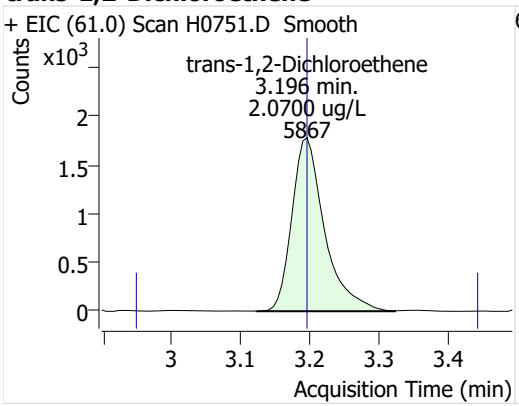
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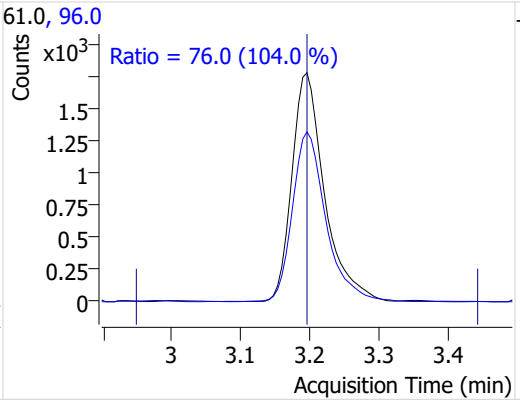


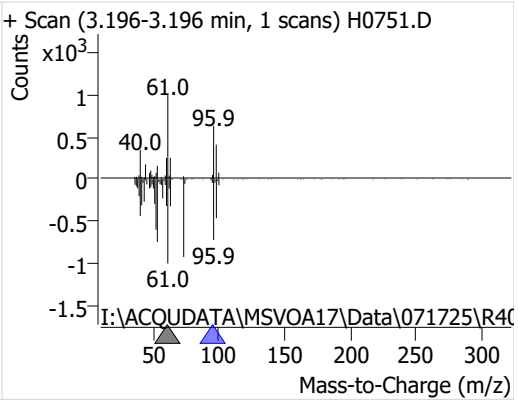




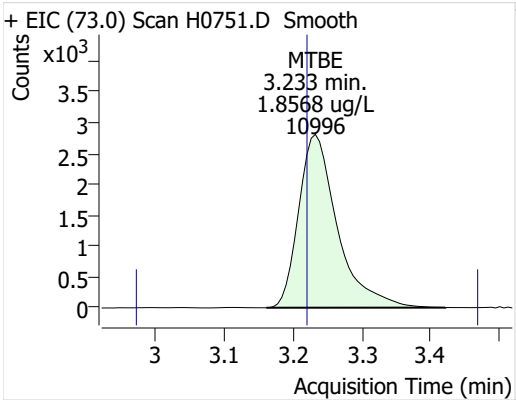
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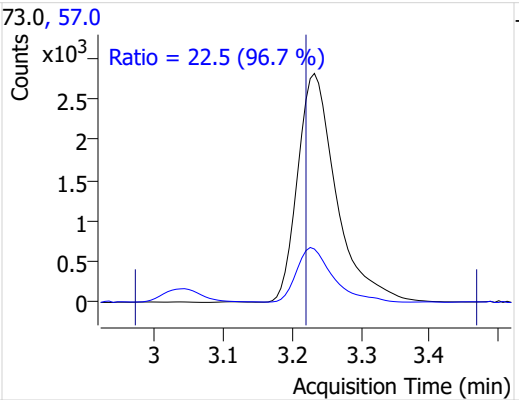


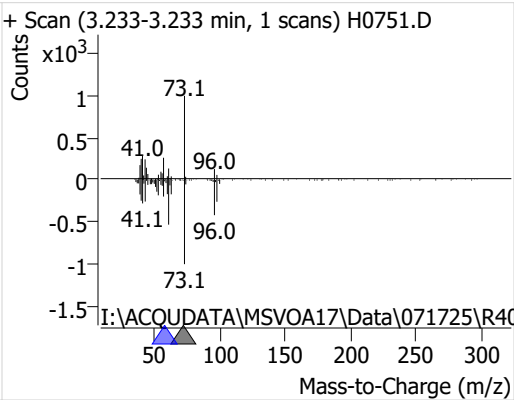




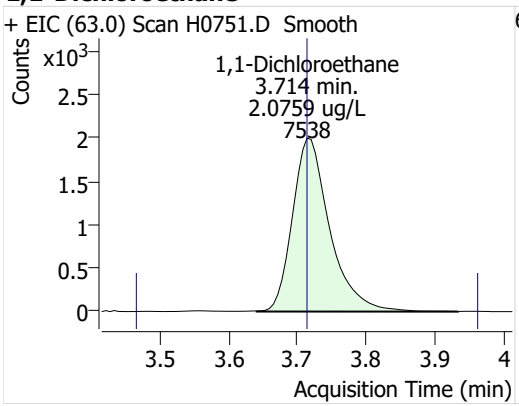
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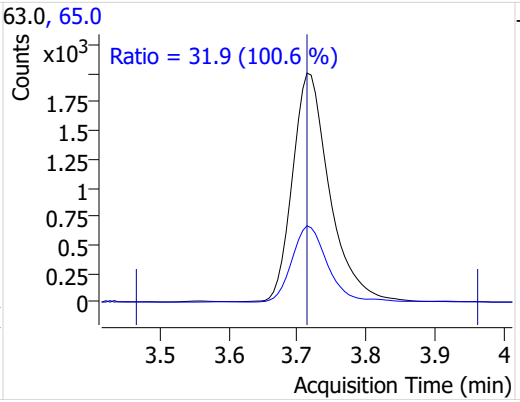


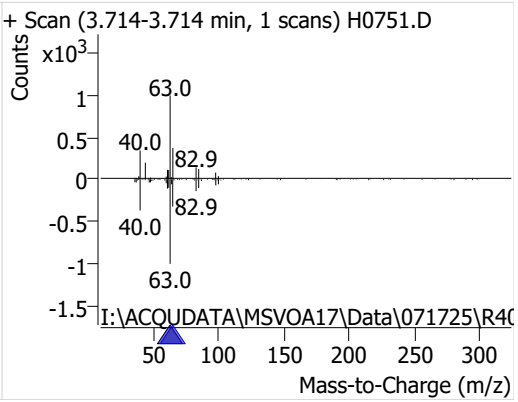




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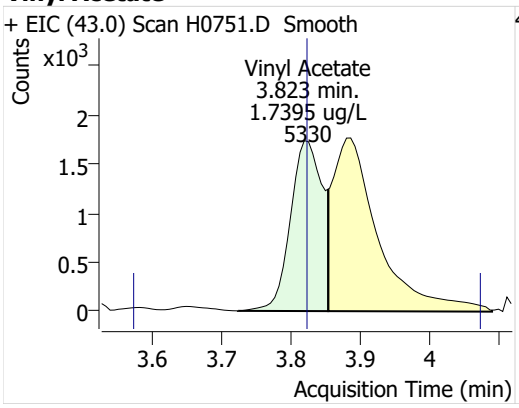


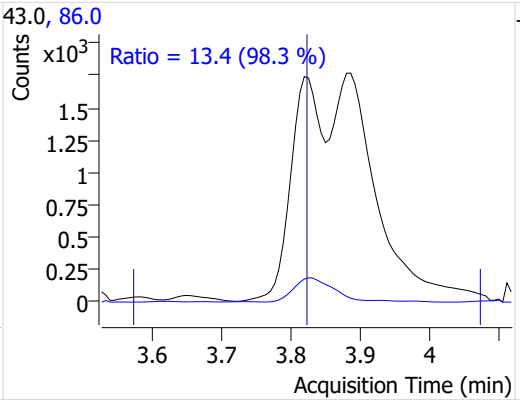


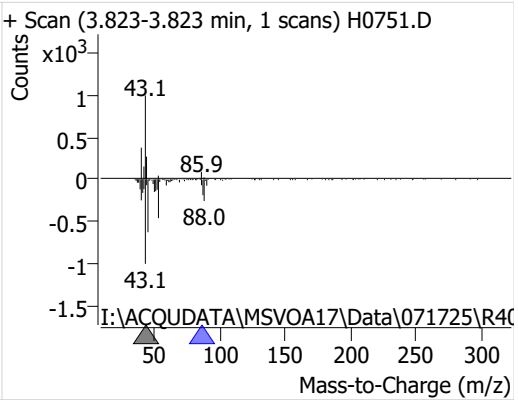


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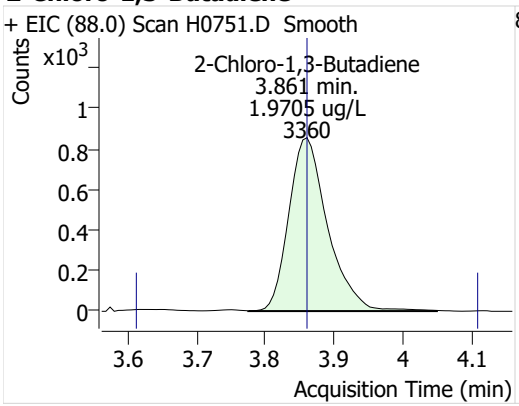
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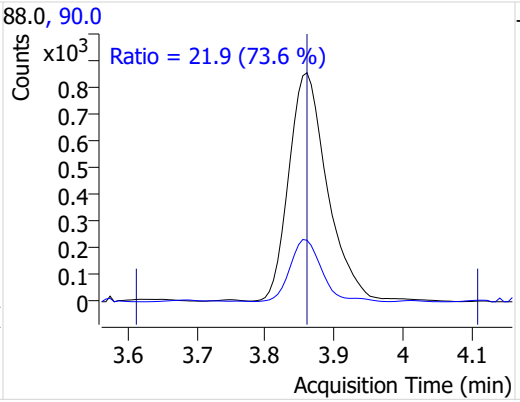


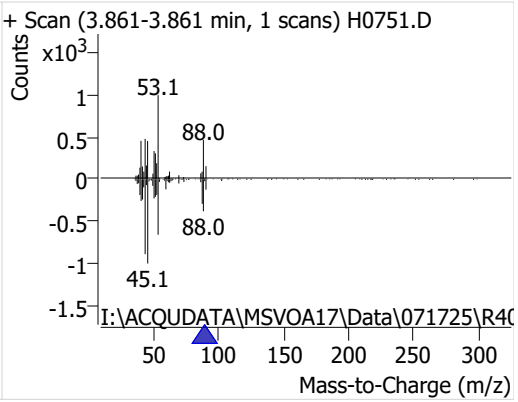




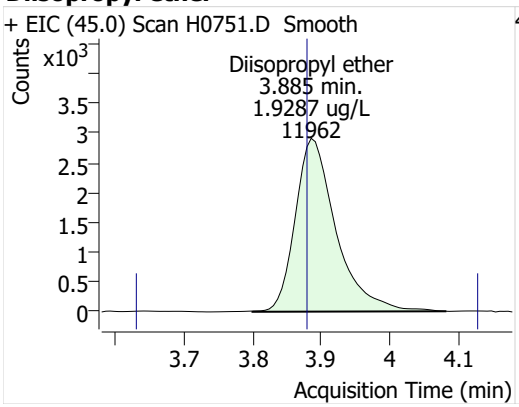
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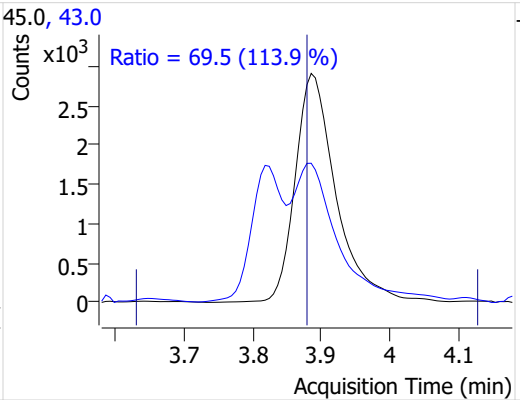


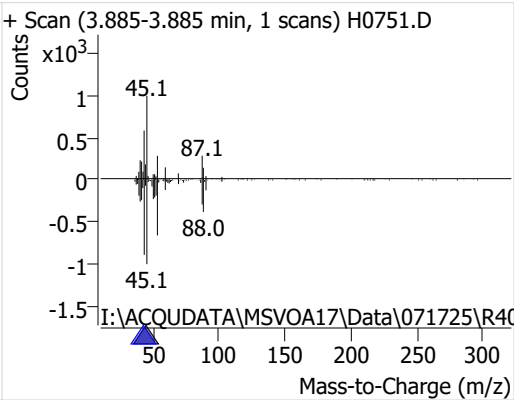




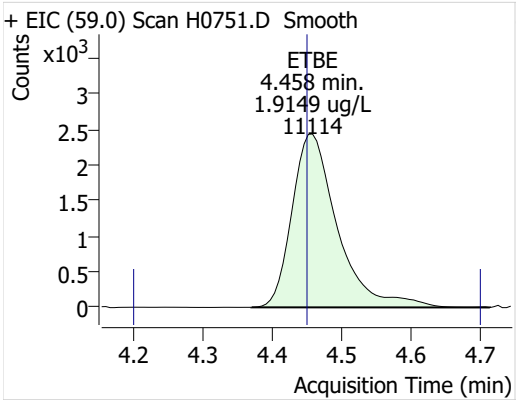
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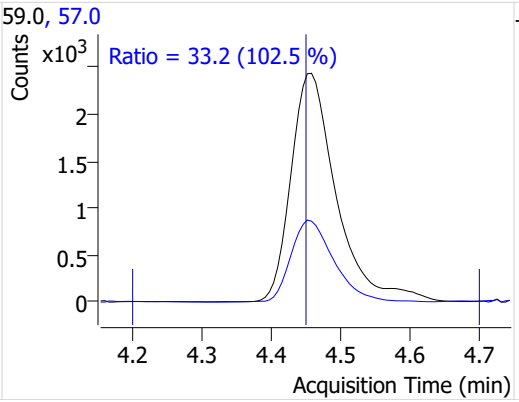


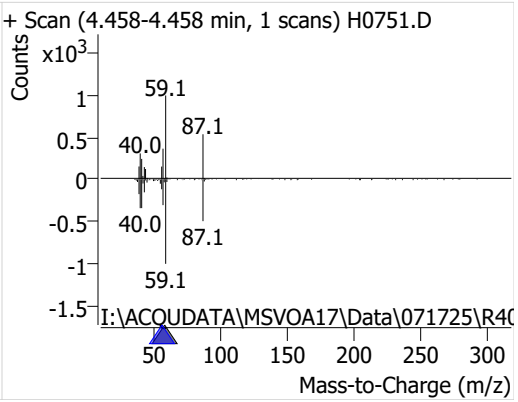




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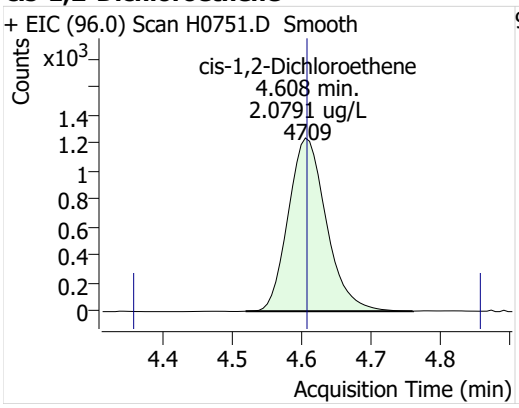


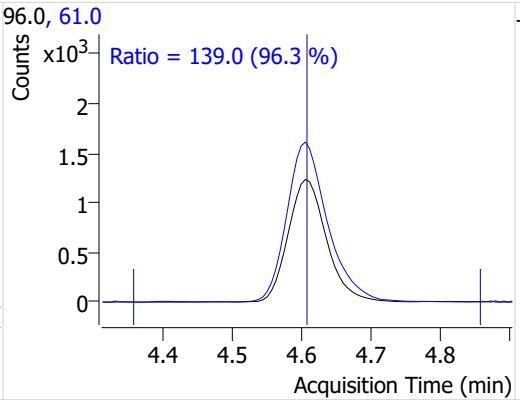


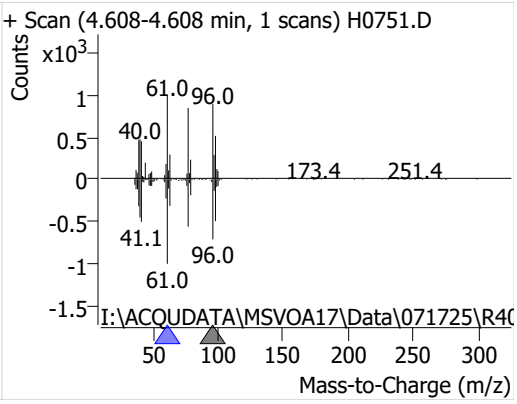


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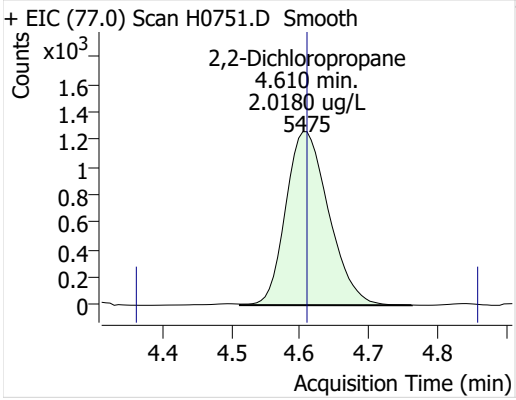
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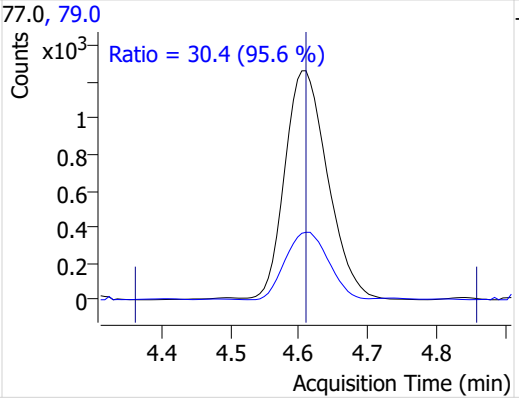


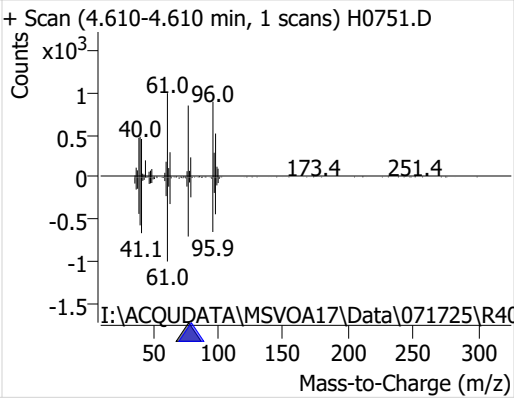




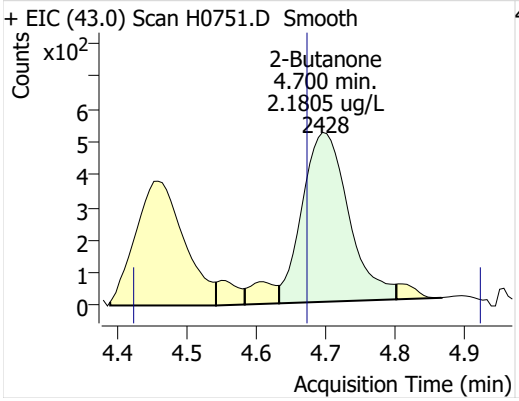
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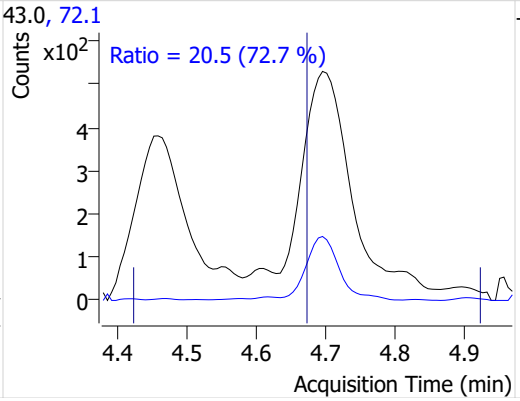


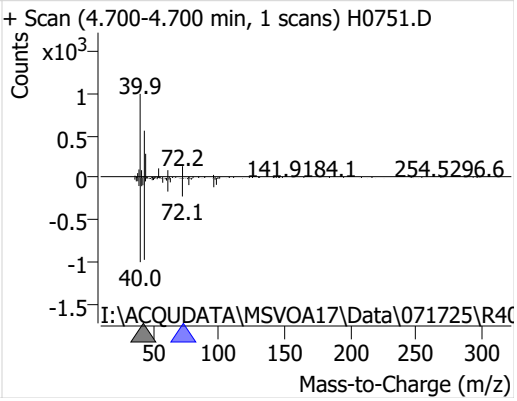




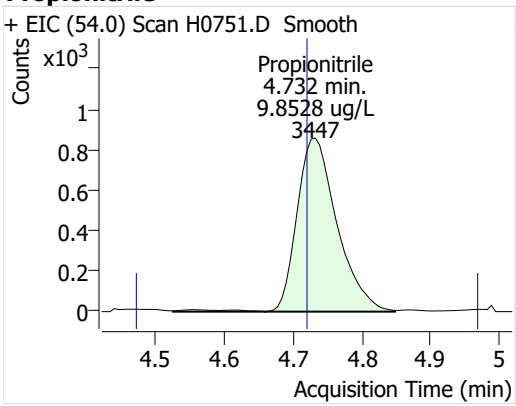
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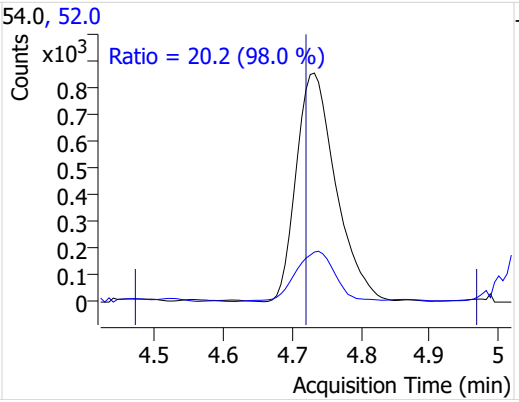


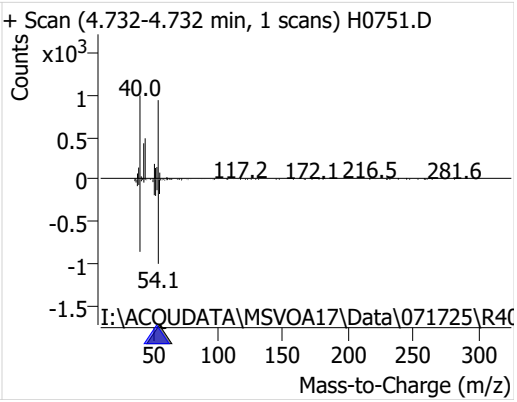




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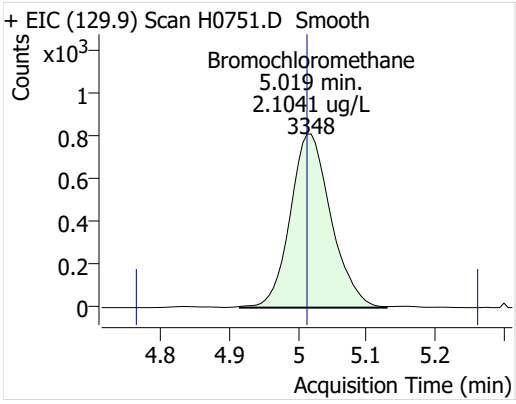


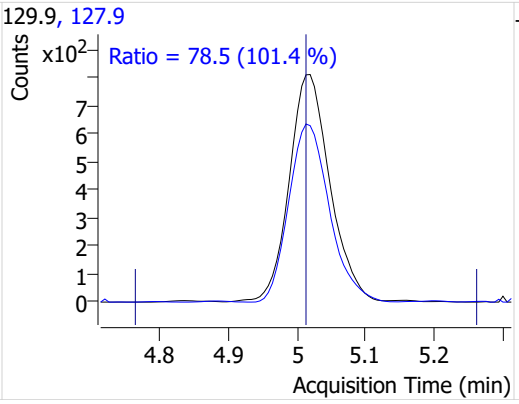


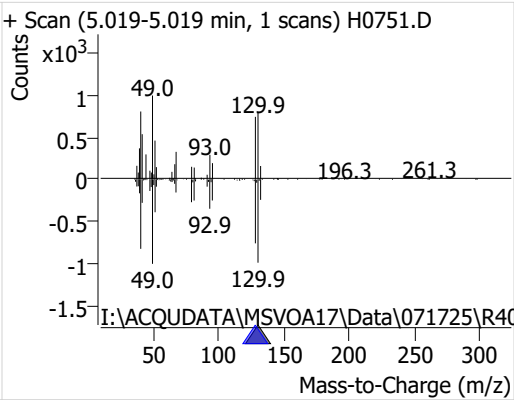


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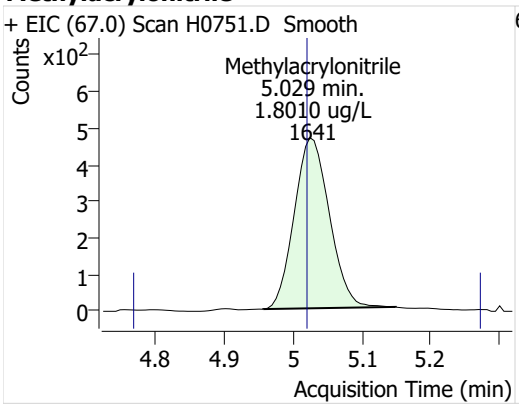
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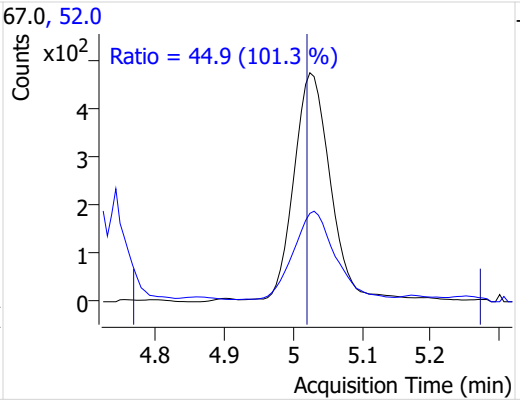


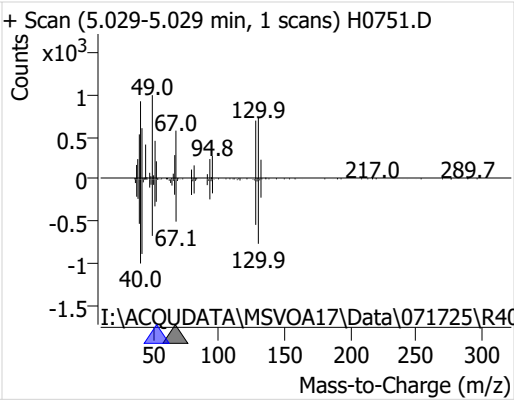




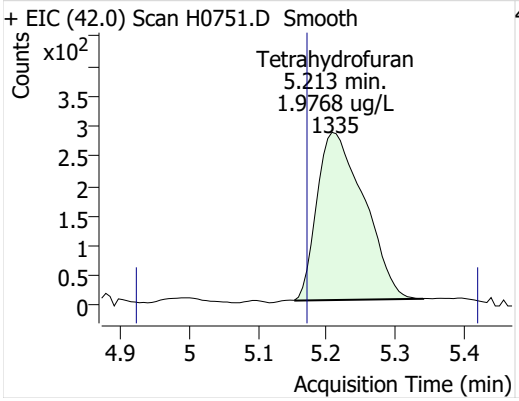
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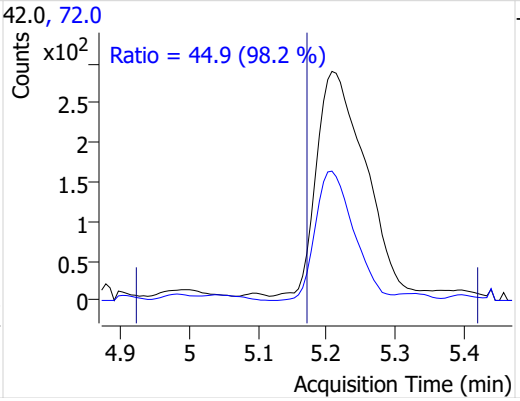


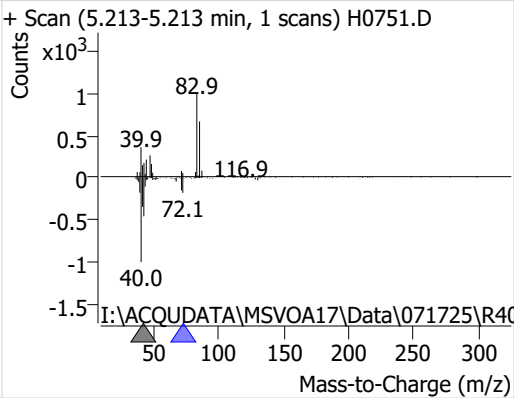




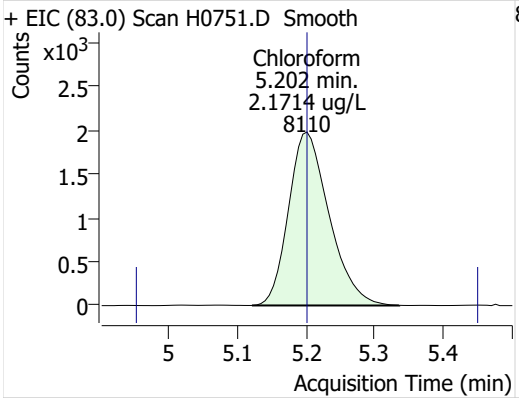
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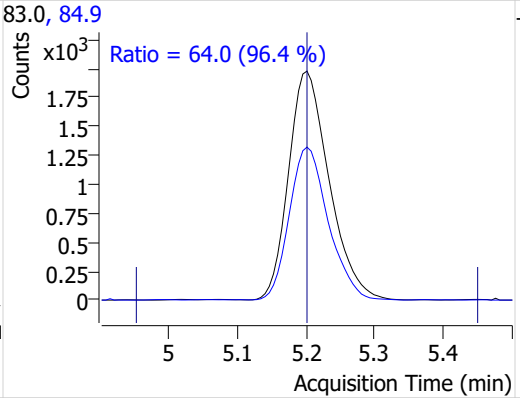


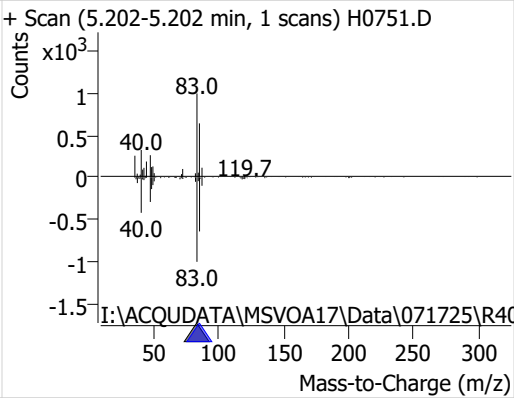




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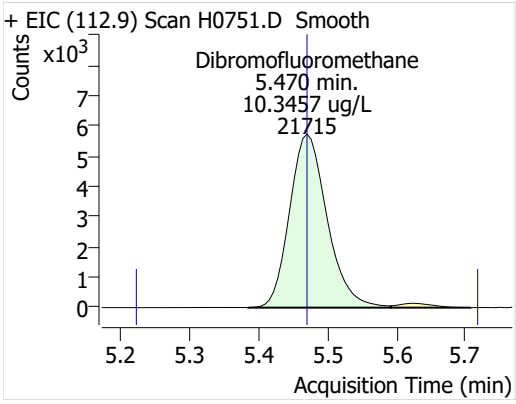


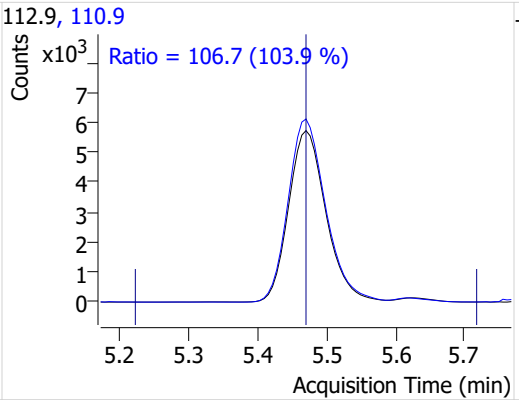


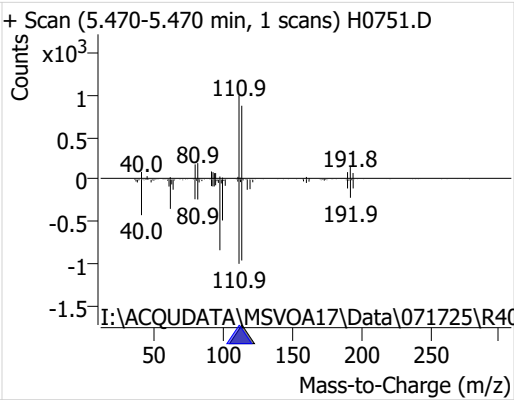


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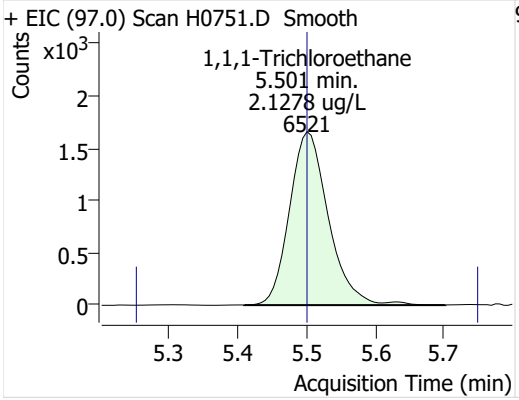
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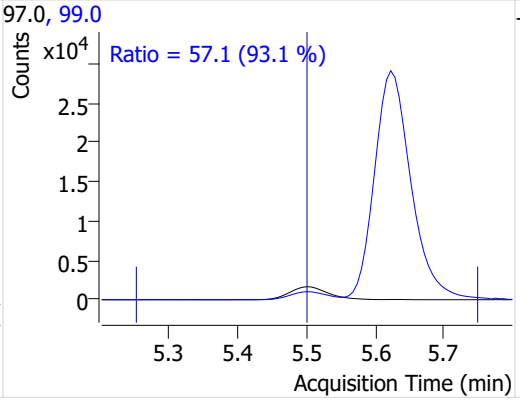


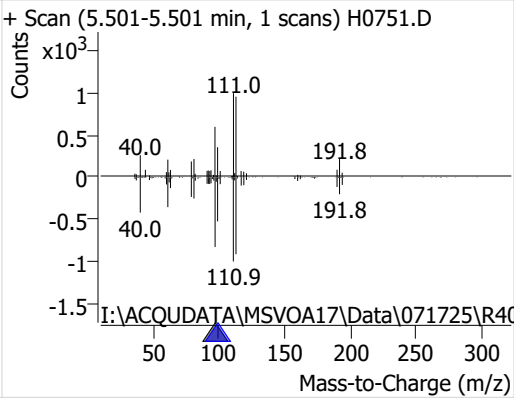




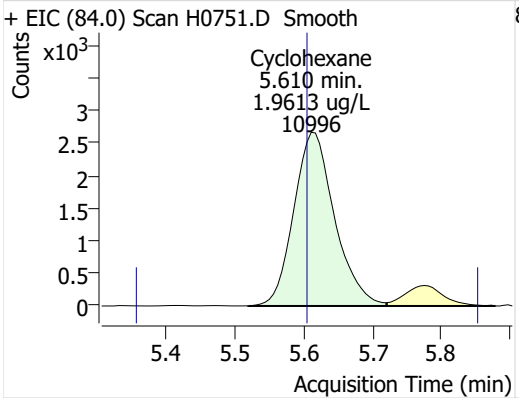
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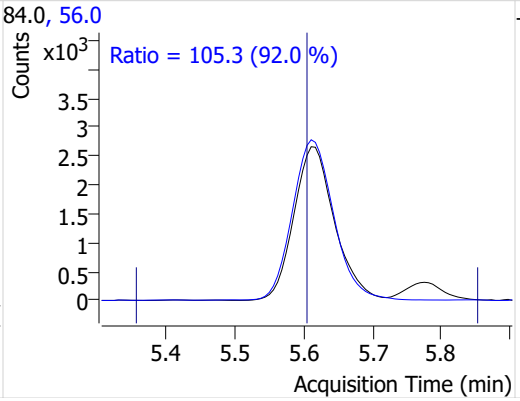


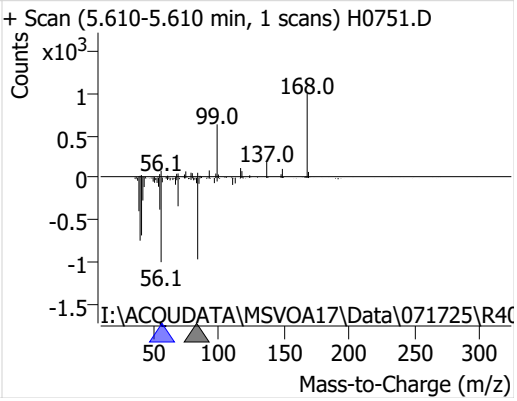




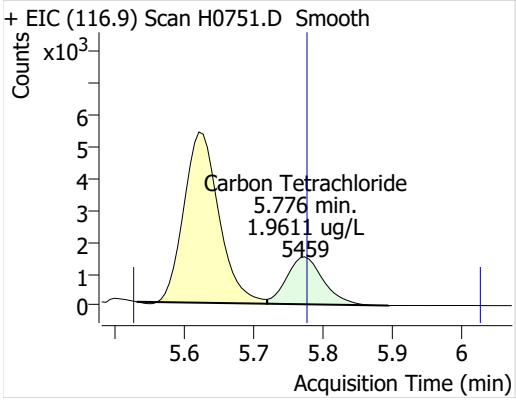
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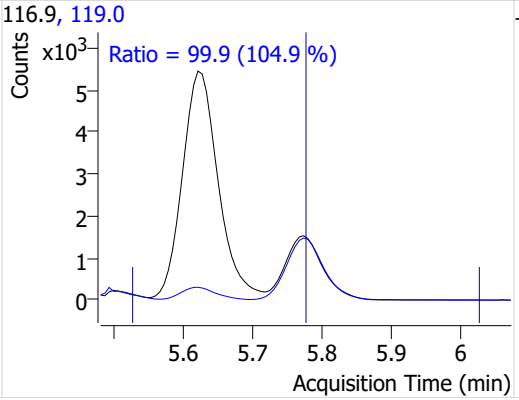


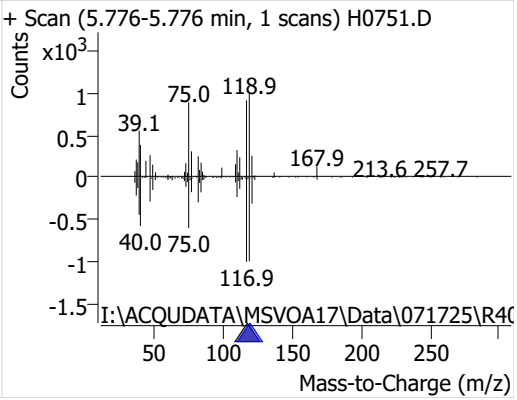




Carbon Tetrachloride

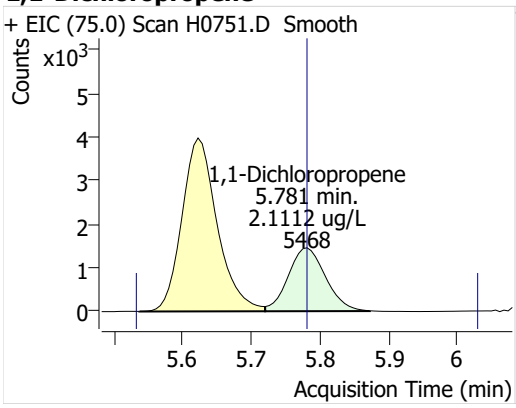


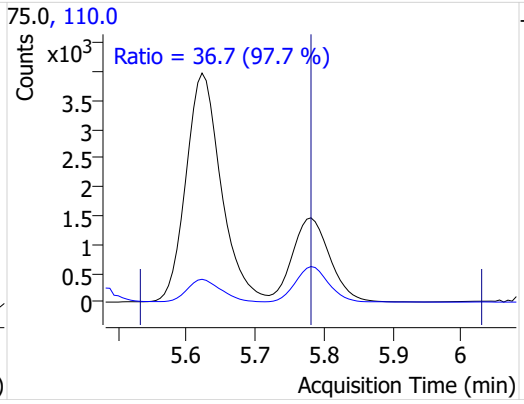


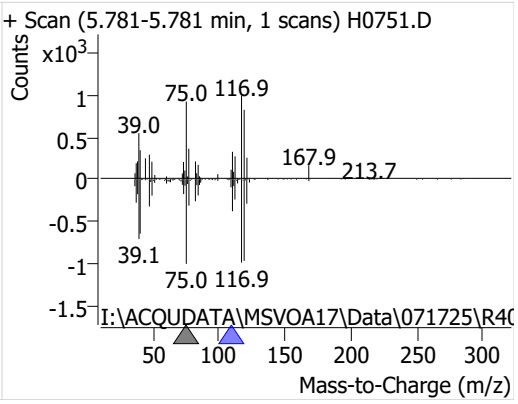


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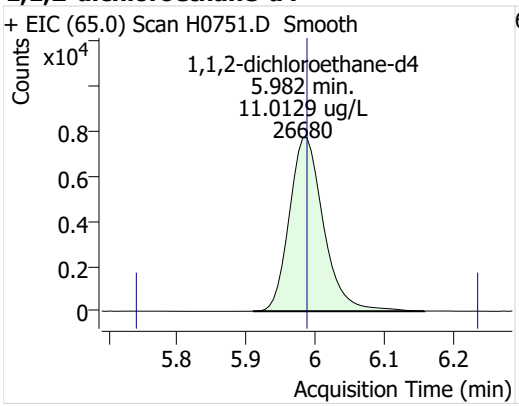
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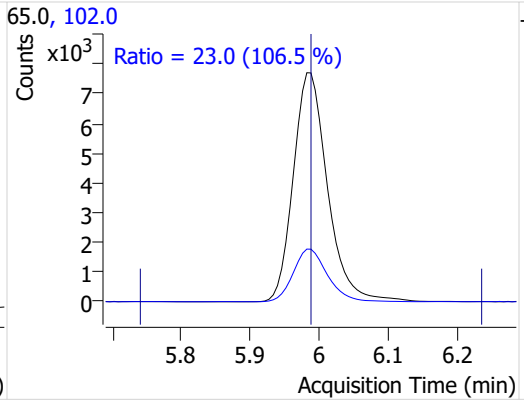


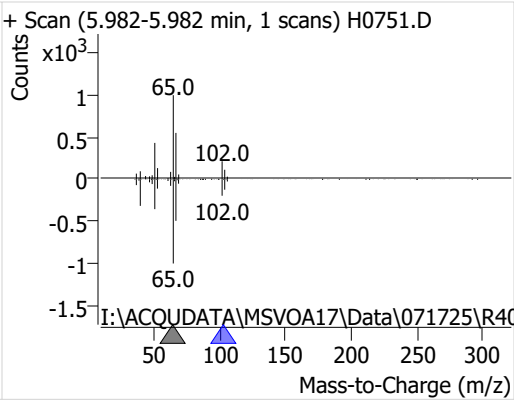




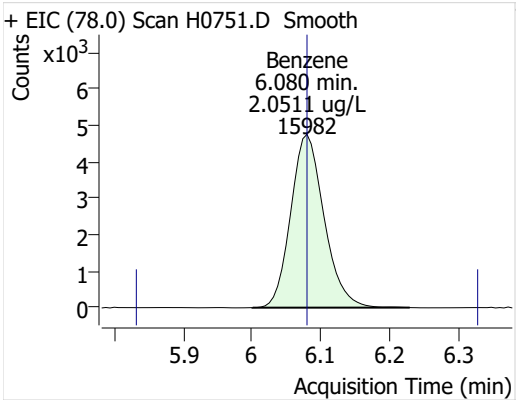
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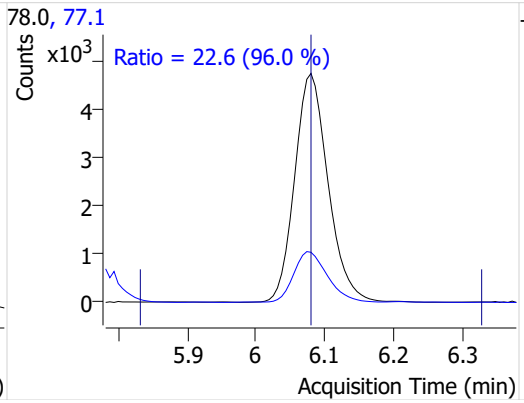


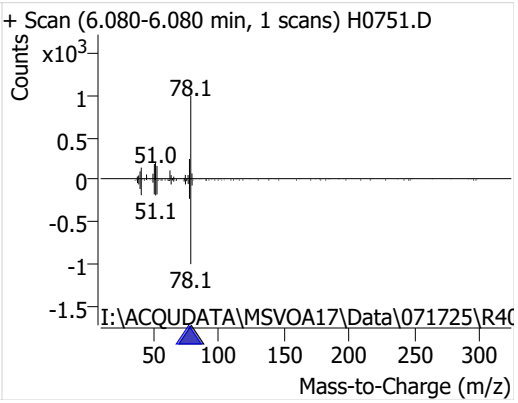




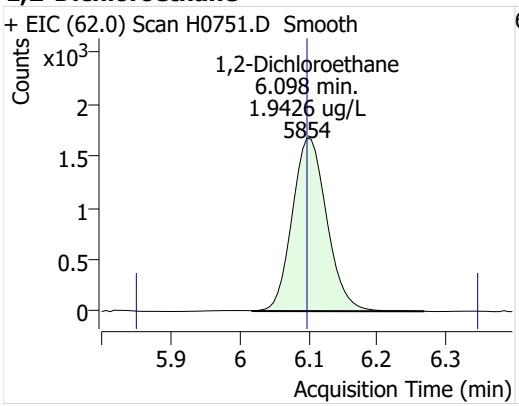
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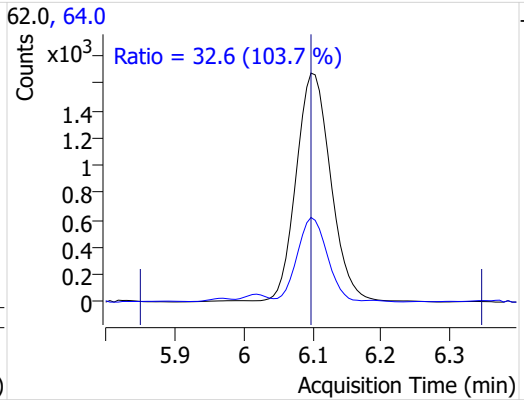


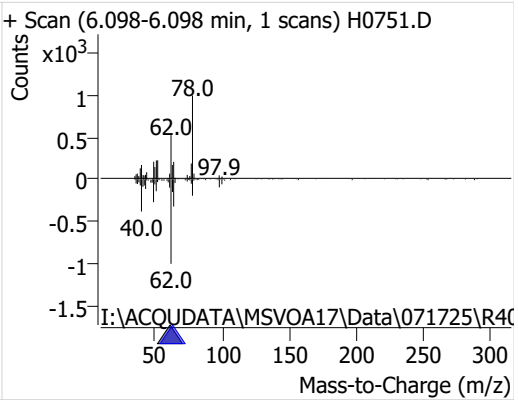




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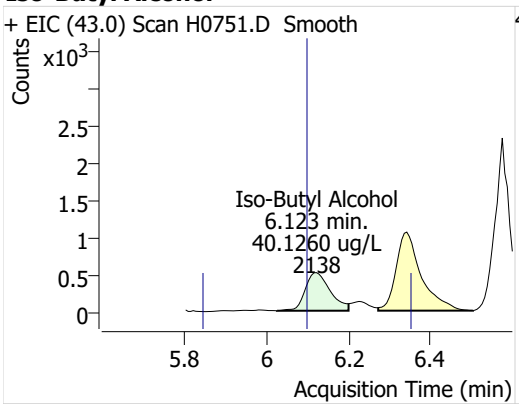


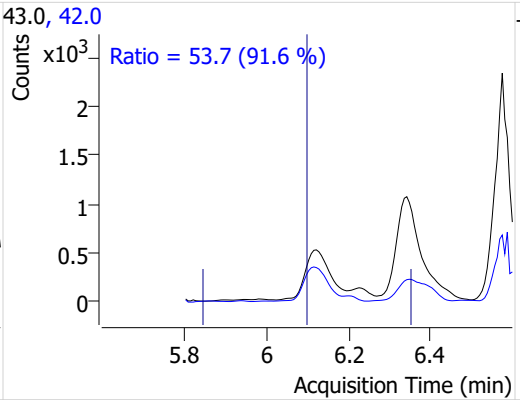


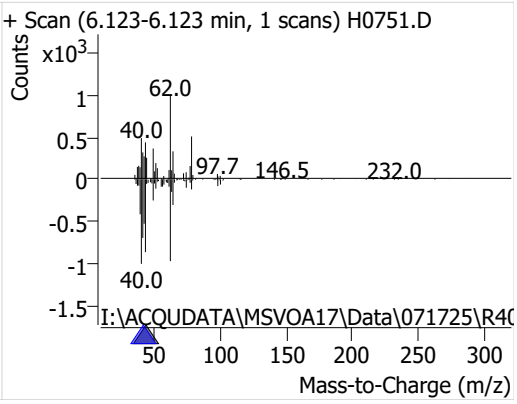


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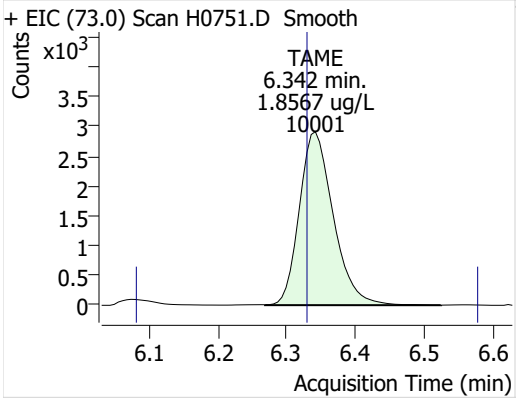
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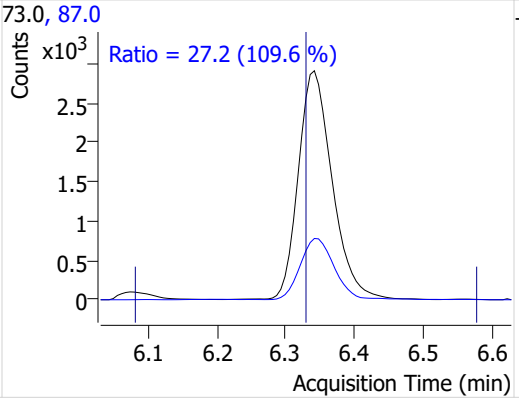


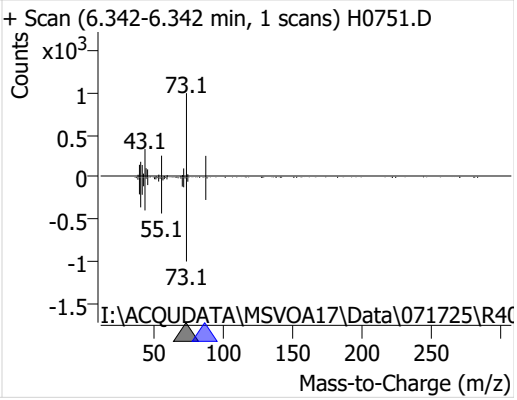




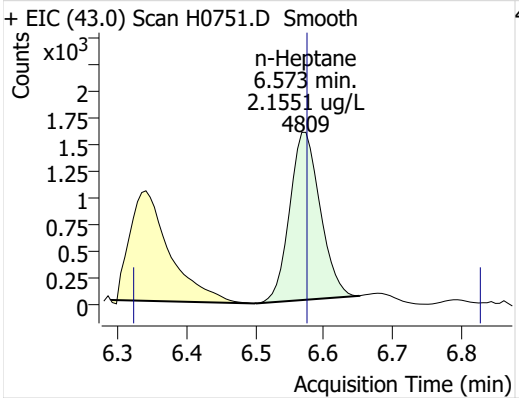
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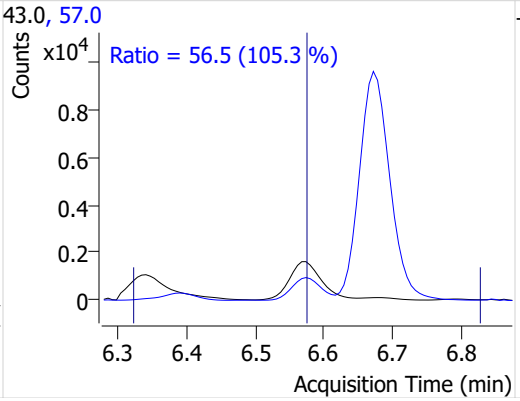


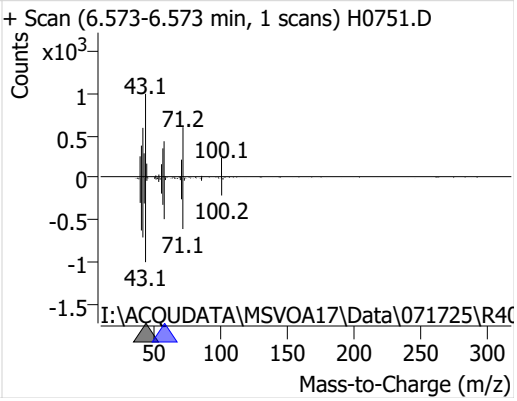




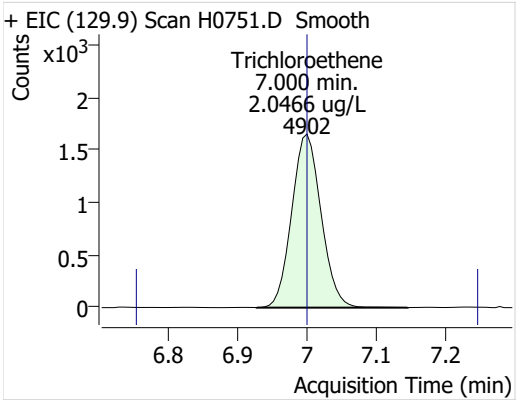
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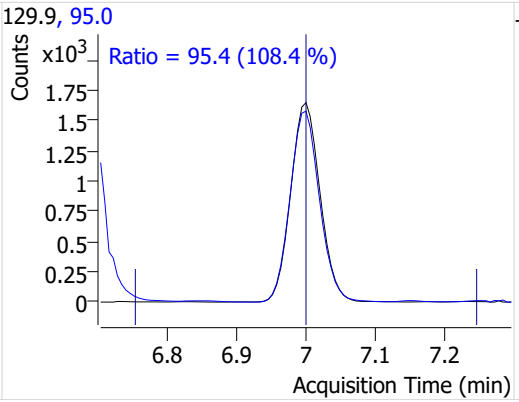


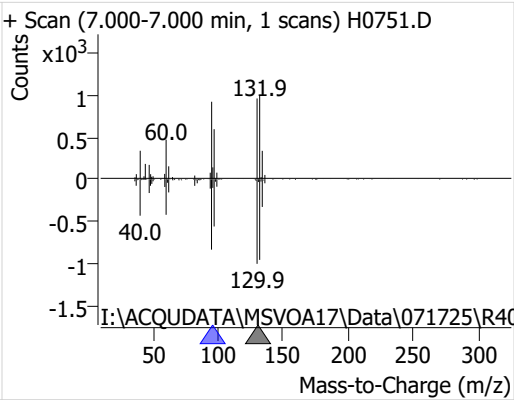




Trichloroethene

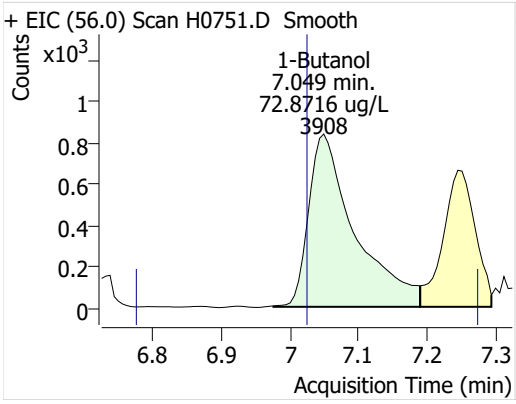


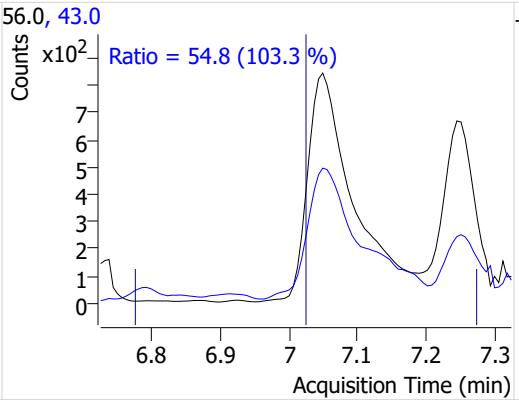


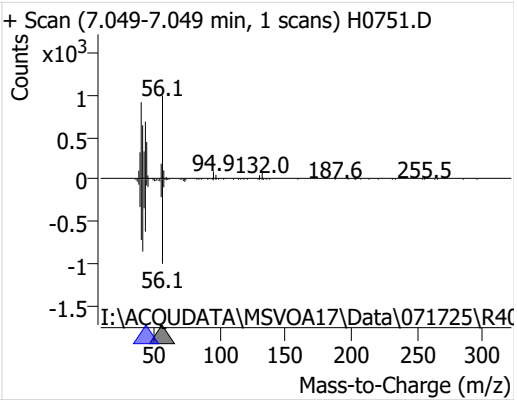


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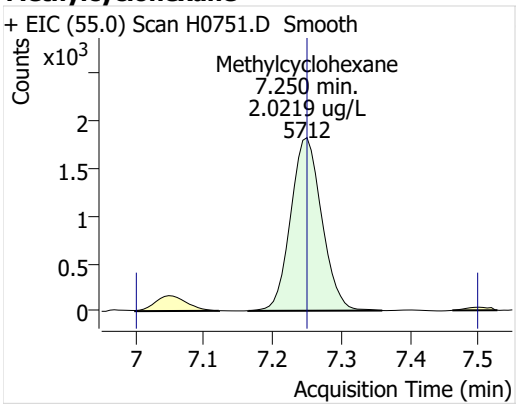
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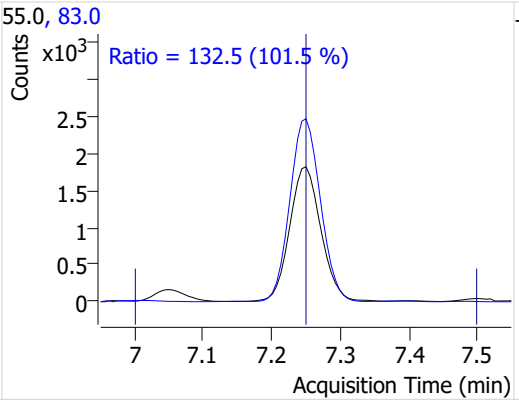


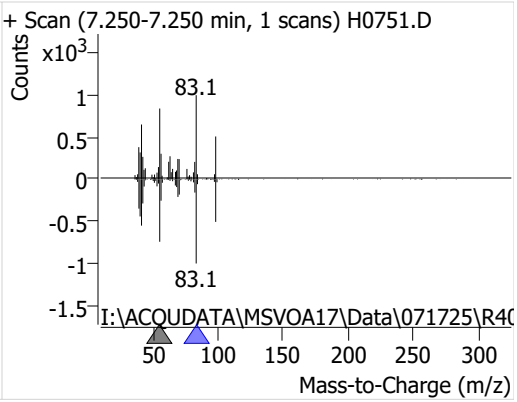




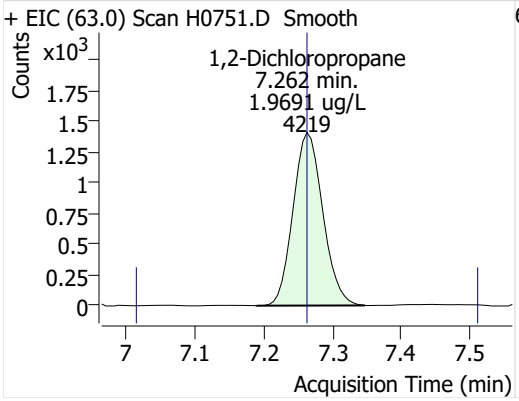
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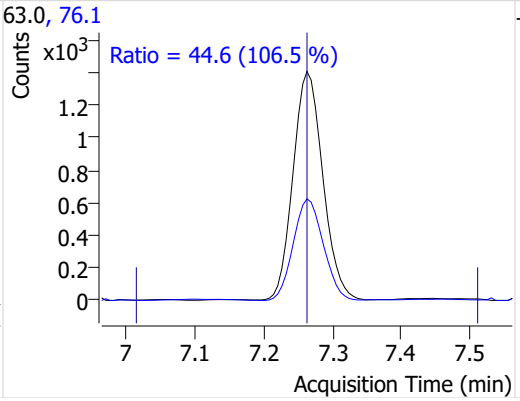


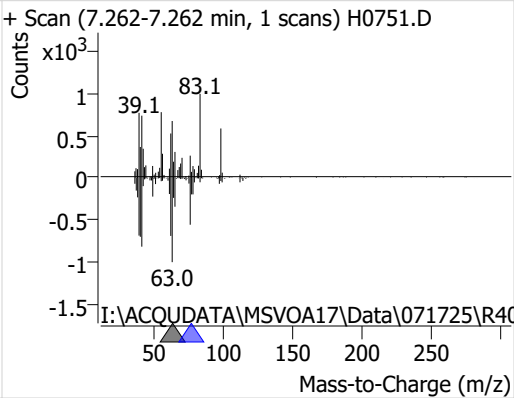




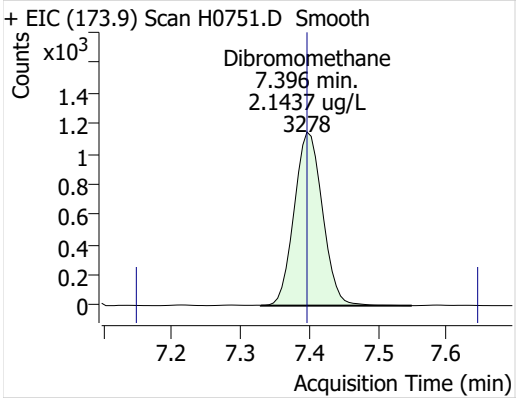
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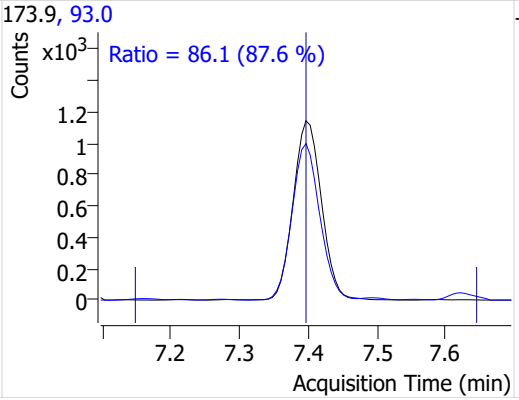


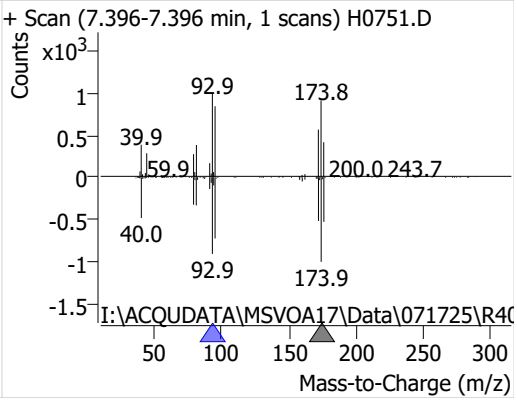




Dibromomethane

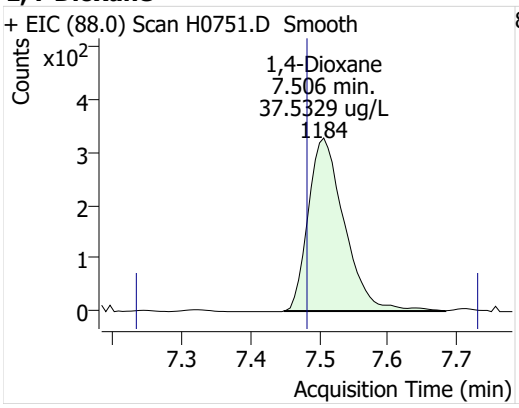


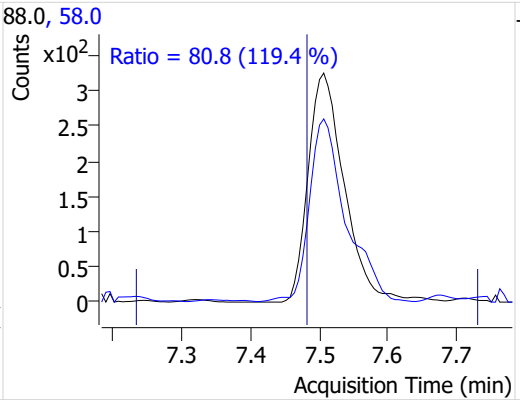


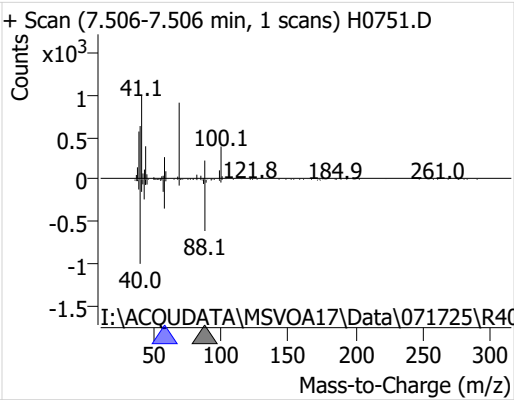


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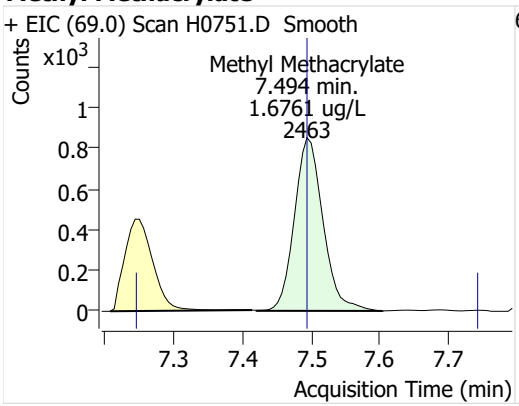
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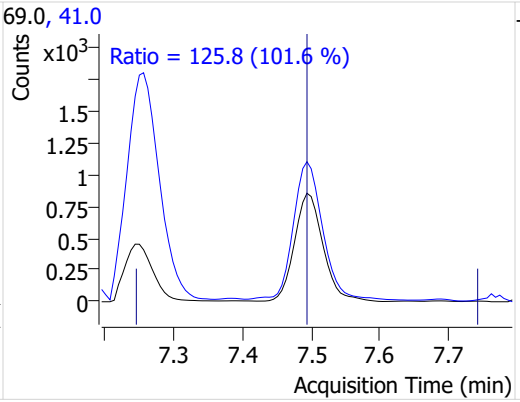


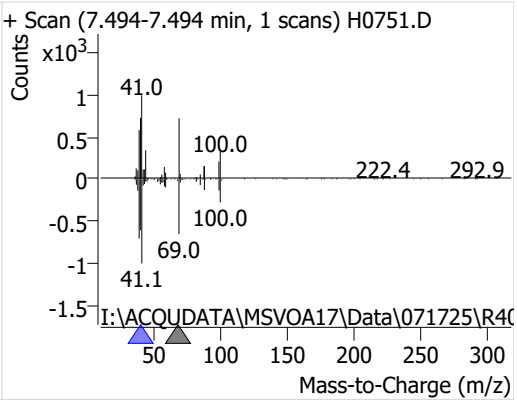




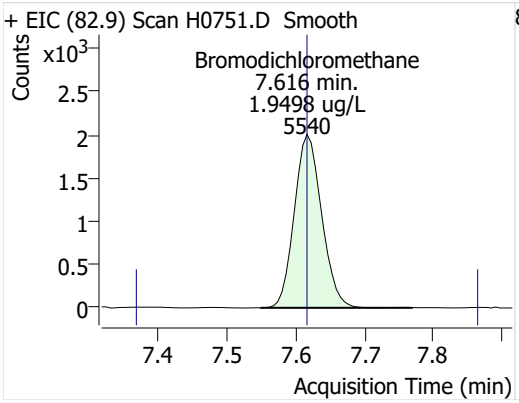
Methyl Methacrylate

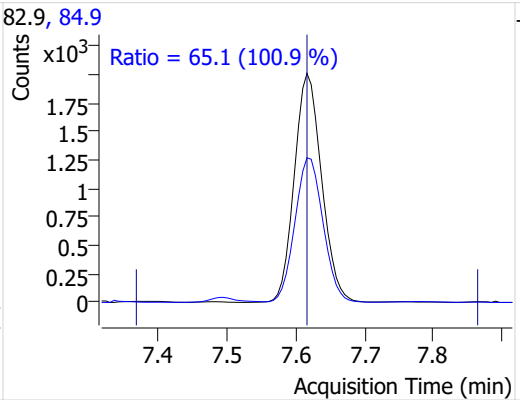


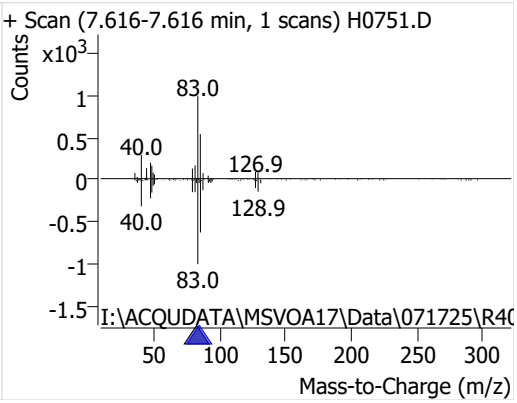




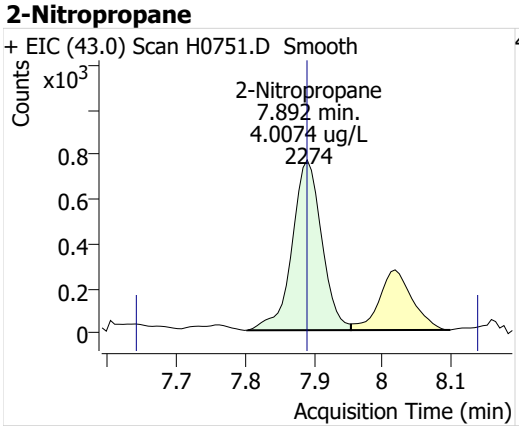
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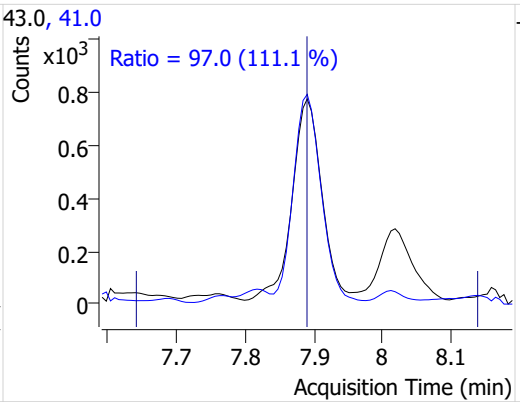


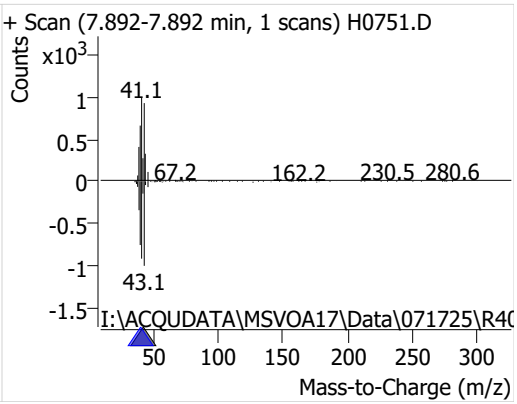




2-Nitropropane

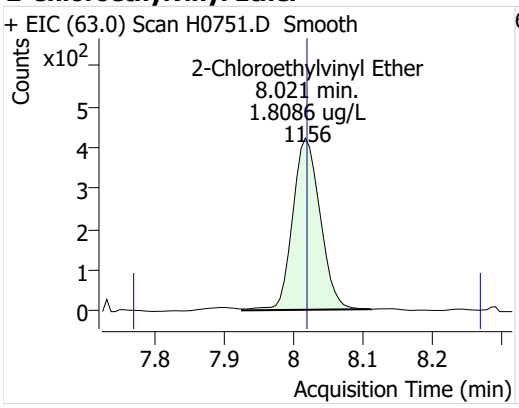


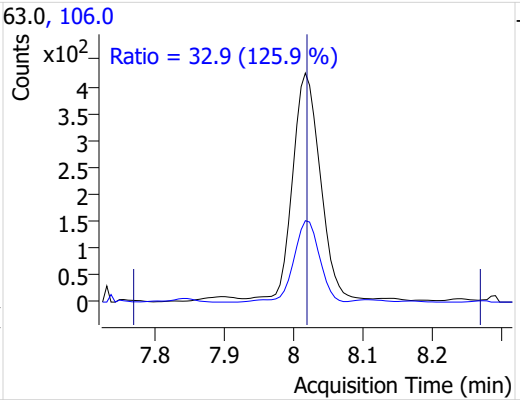


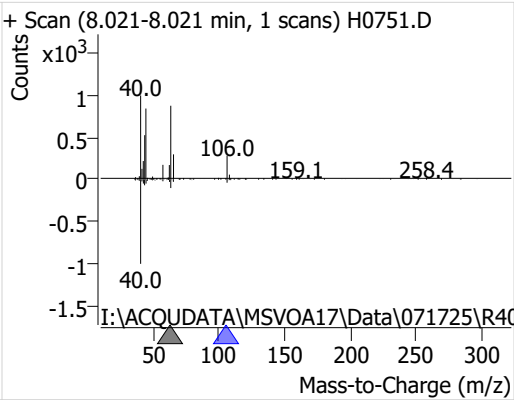


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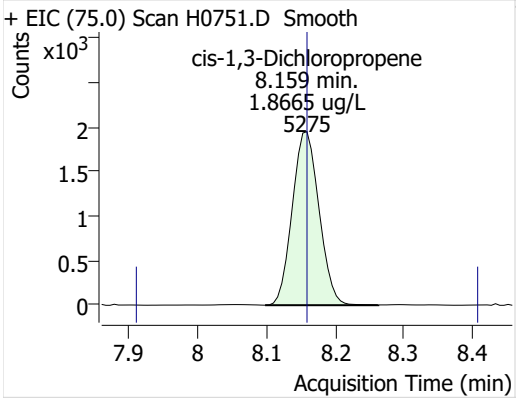
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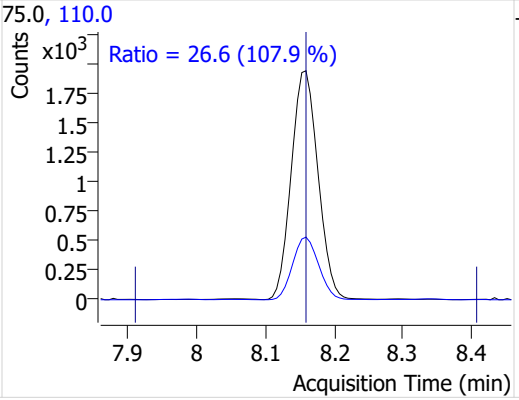


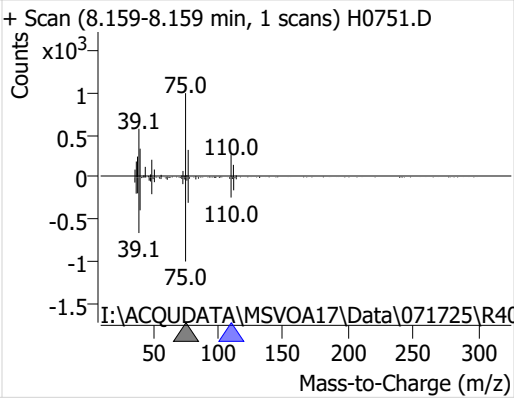




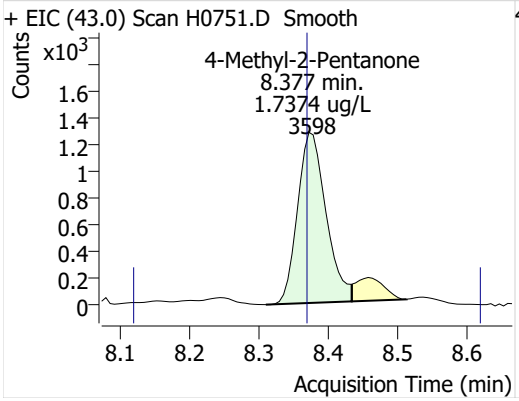
cis-1,3-Dichloropropene

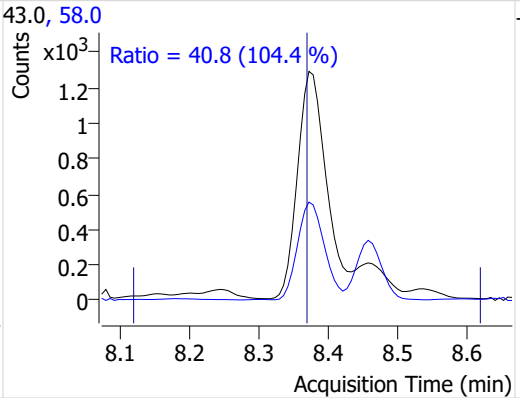


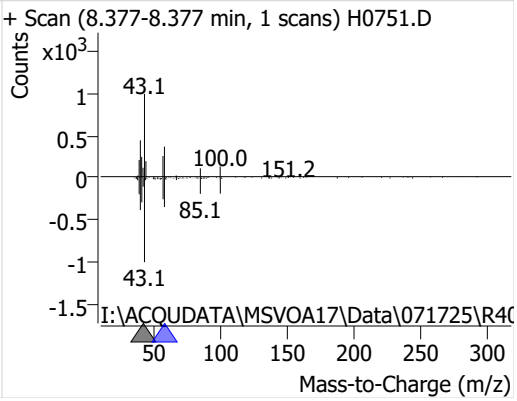




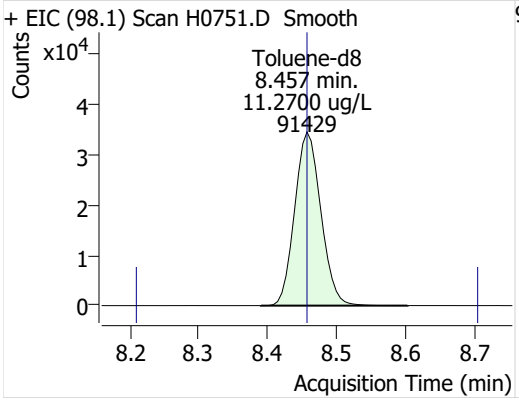
4-Methyl-2-Pentanone

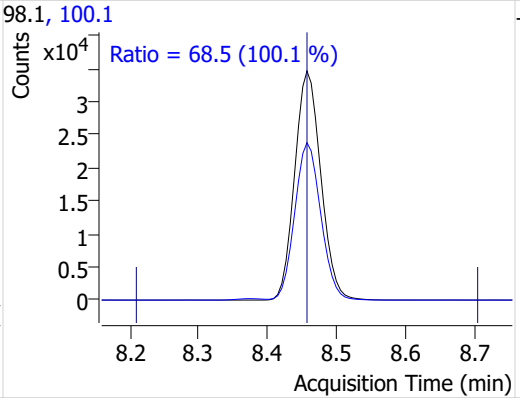


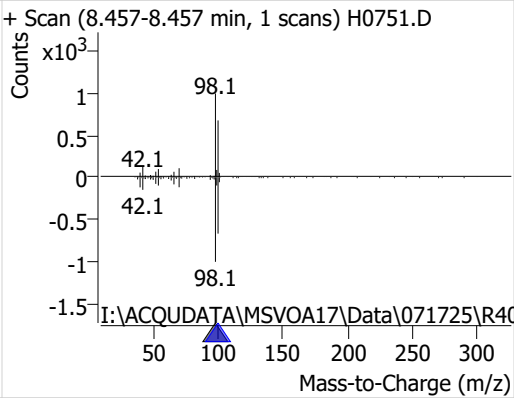




Toluene-d8

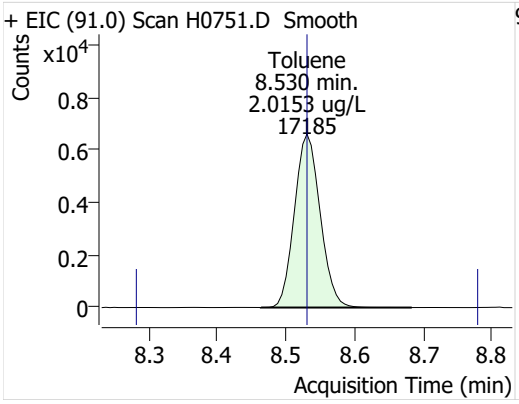


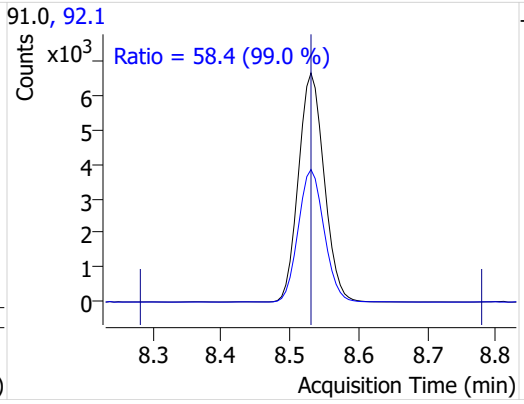


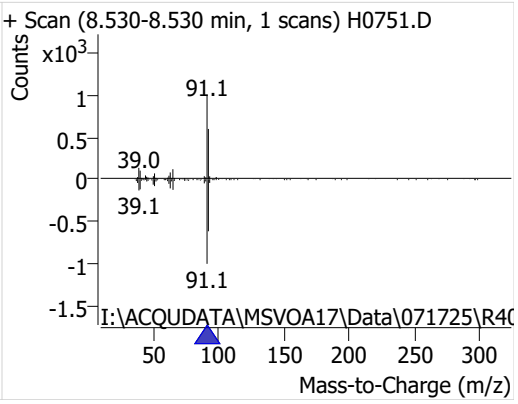


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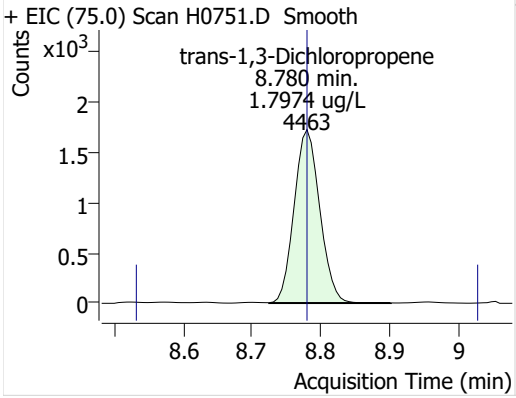
Toluene

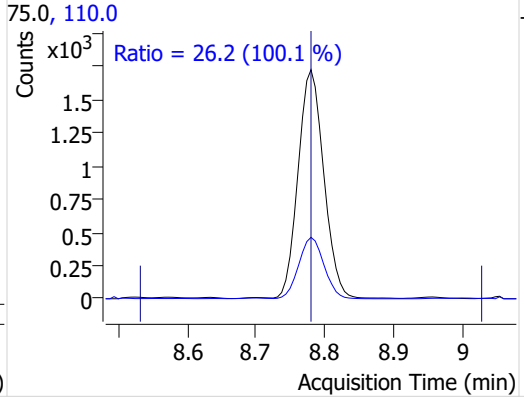


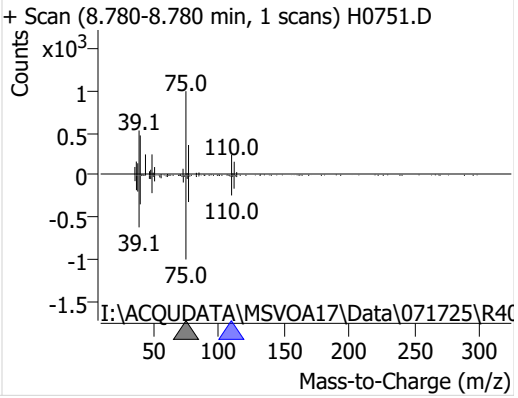




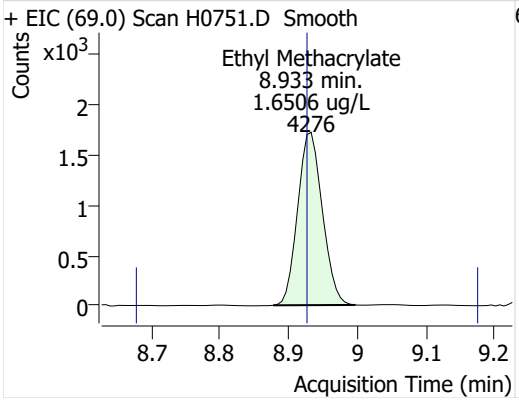
trans-1,3-Dichloropropene

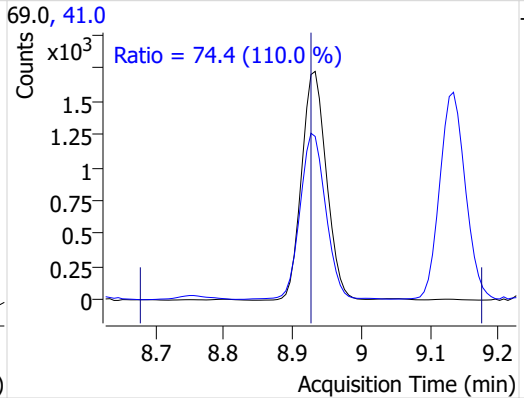


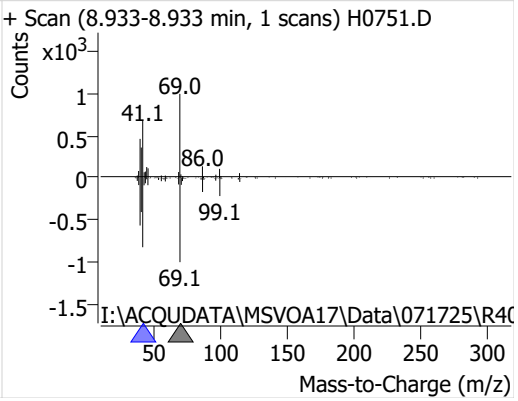




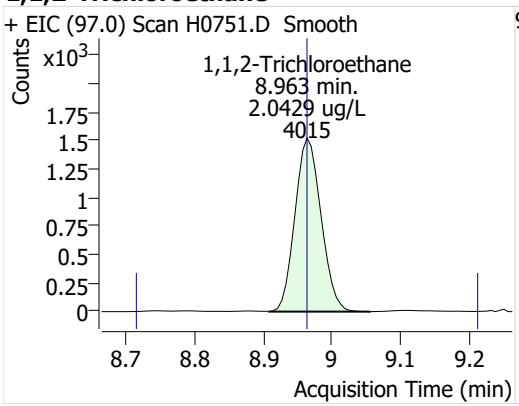
Ethyl Methacrylate

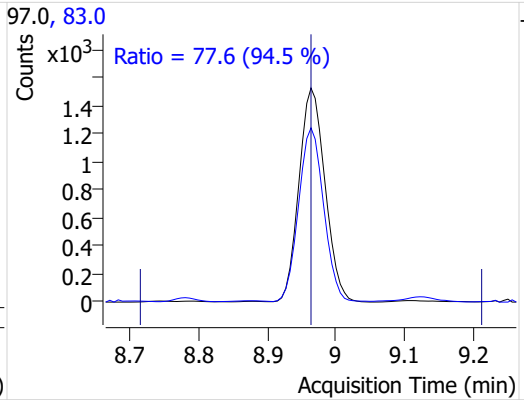


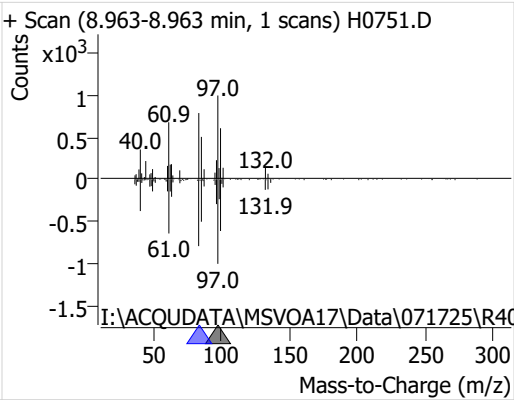




1,1,2-Trichloroethane

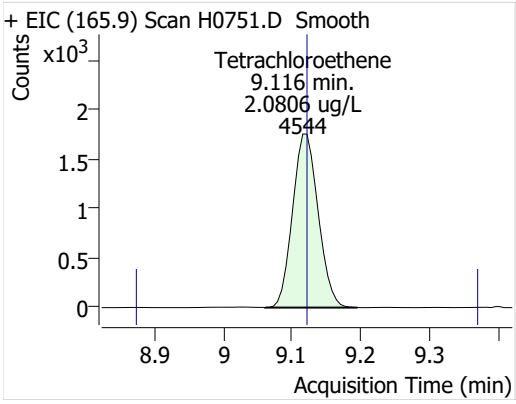


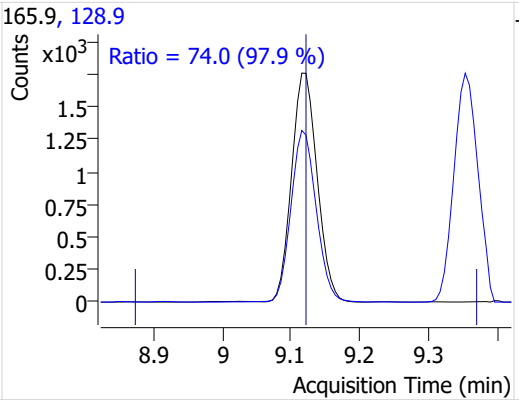


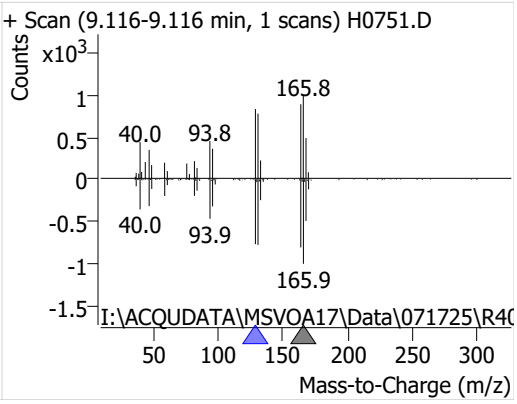


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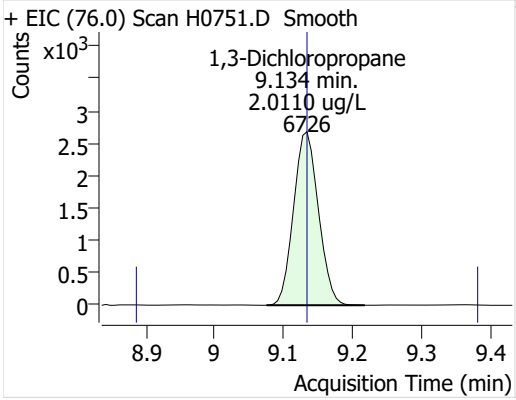
Tetrachloroethene

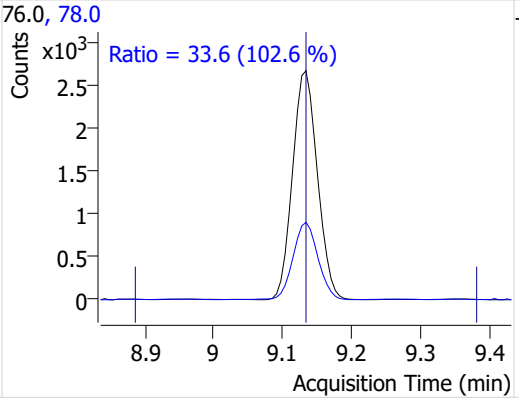


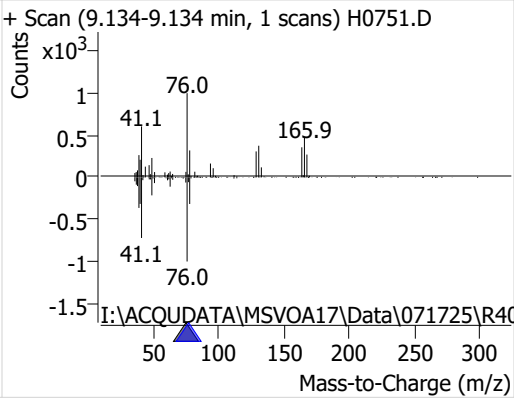




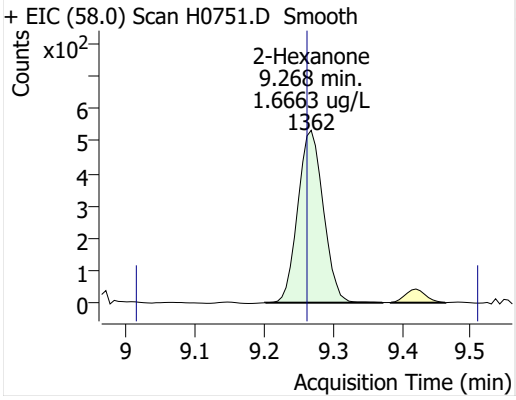
1,3-Dichloropropane

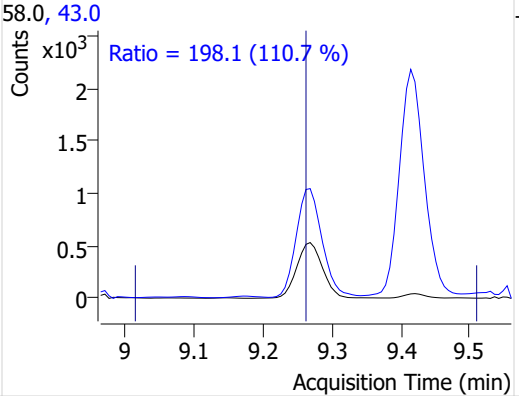


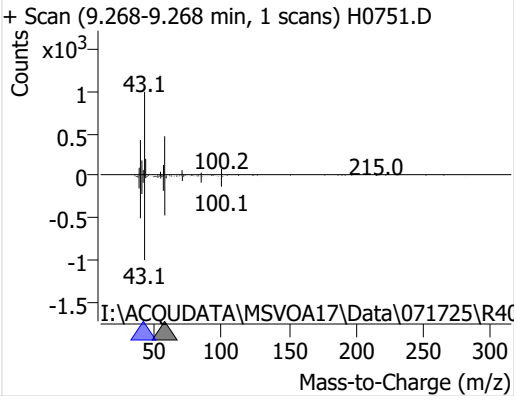




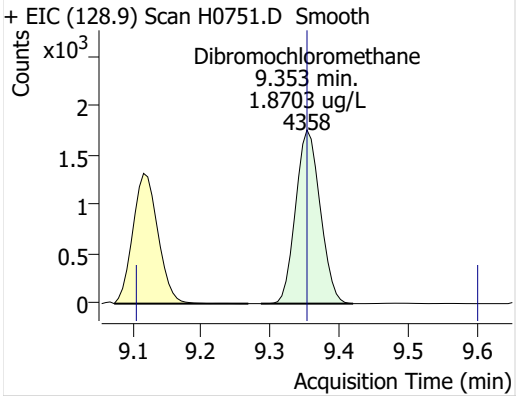
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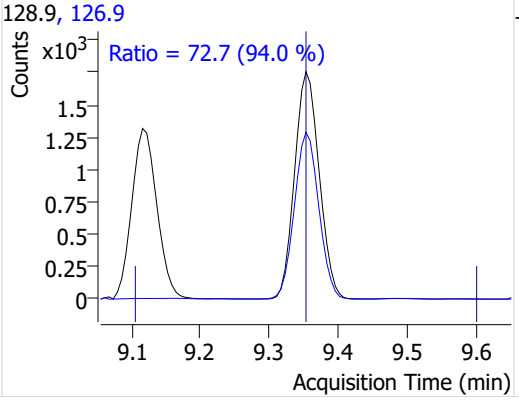


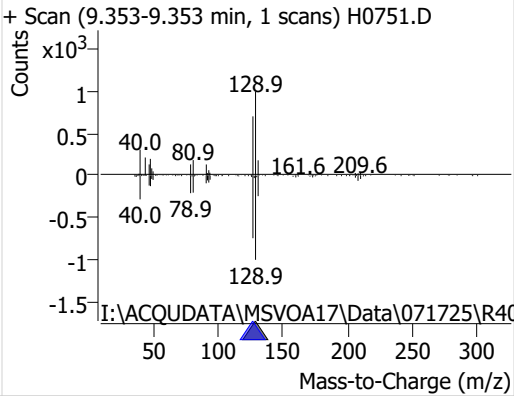




Dibromochloromethane

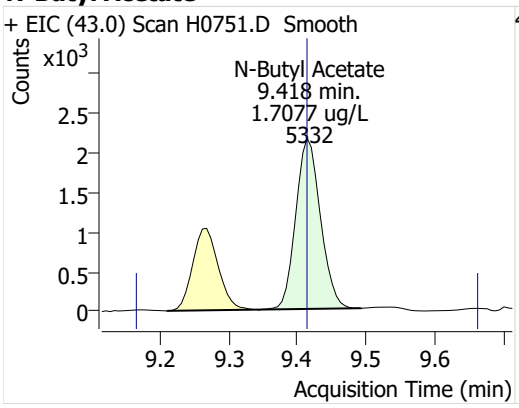


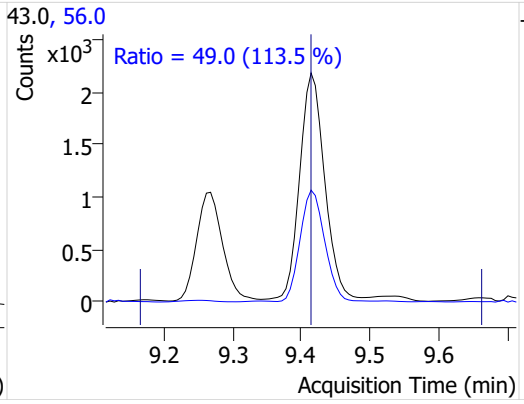


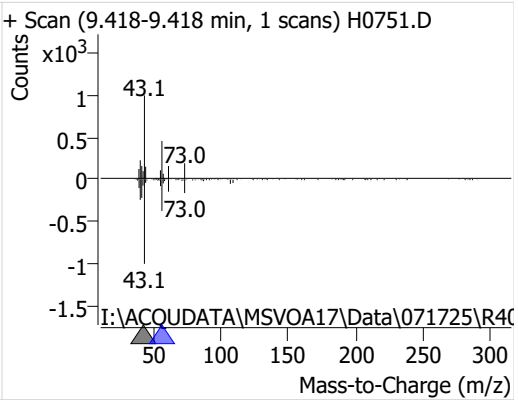


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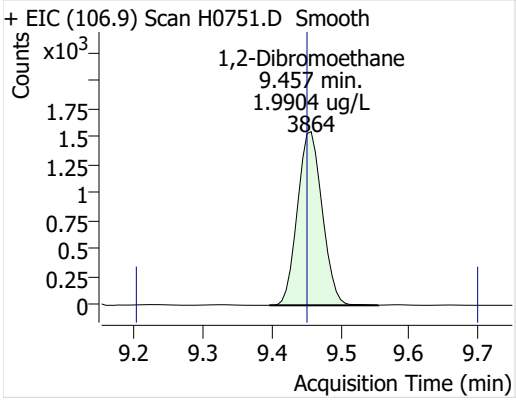
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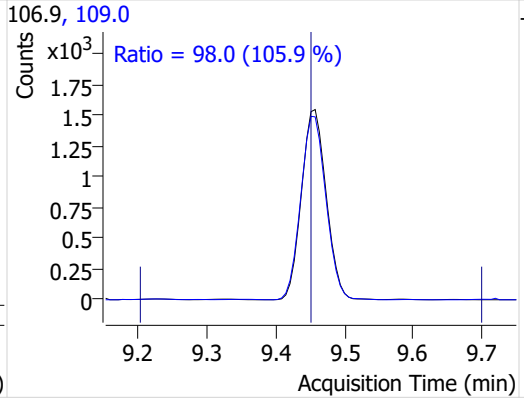


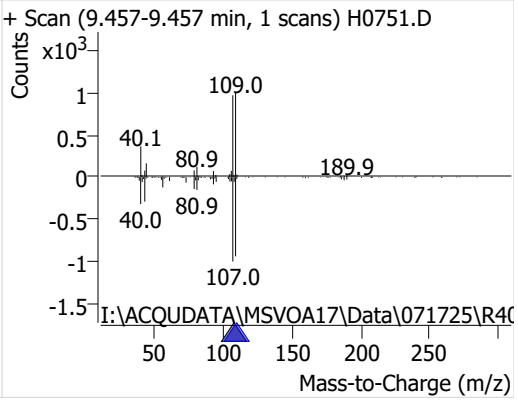




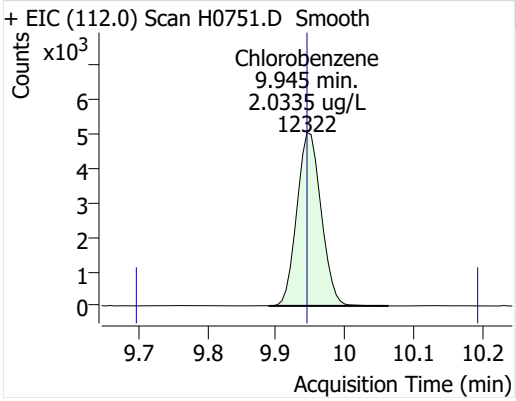
1,2-Dibromoethane

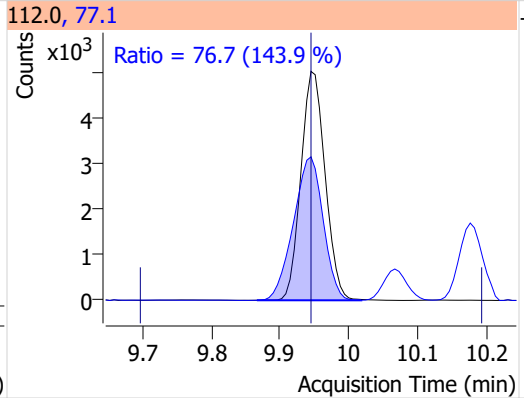


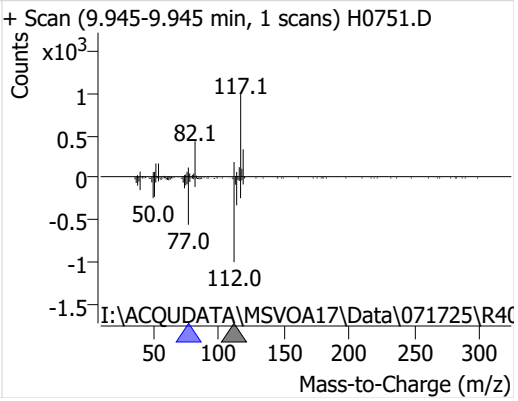




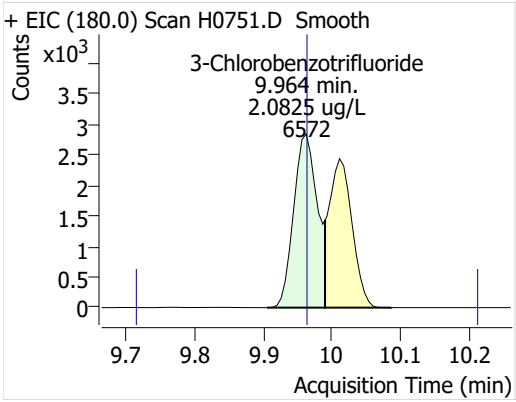
Chlorobenzene

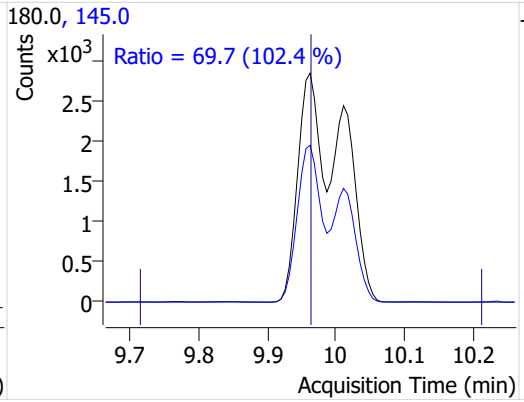


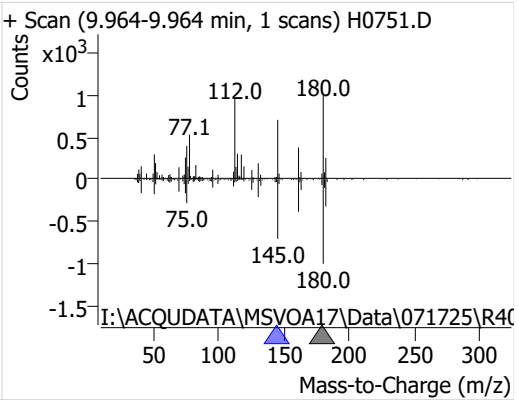




3-Chlorobenzotrifluoride

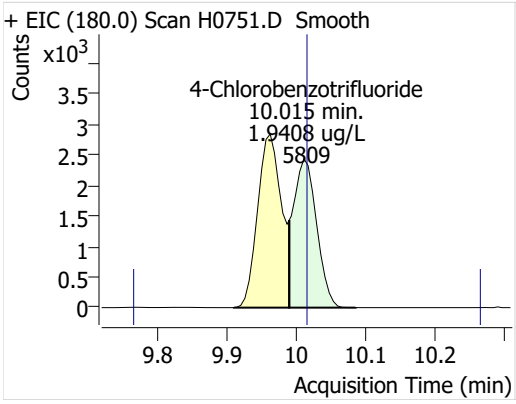


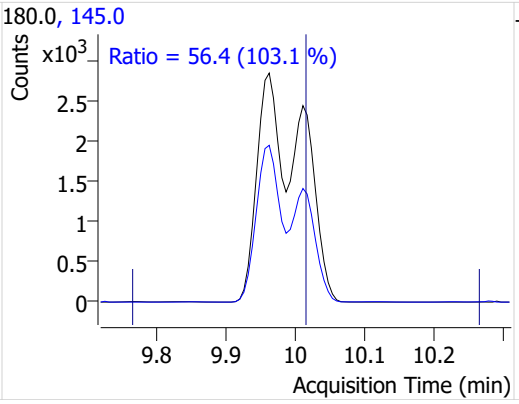


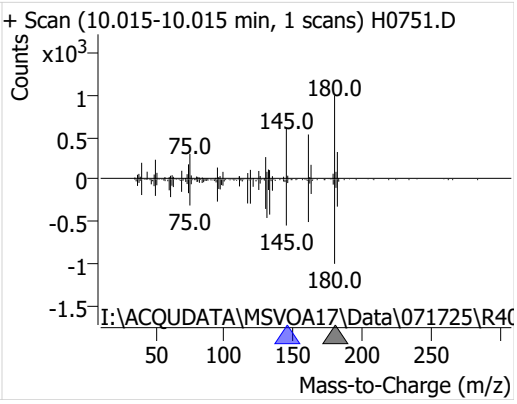


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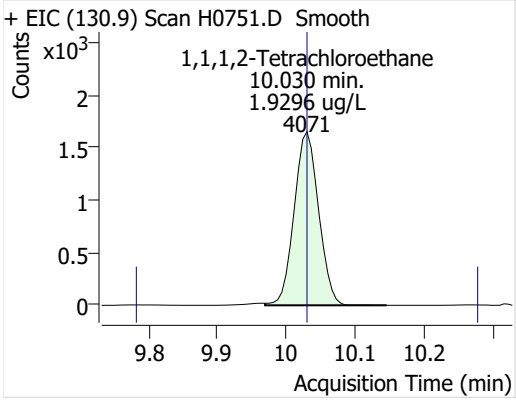
4-Chlorobenzotrifluoride

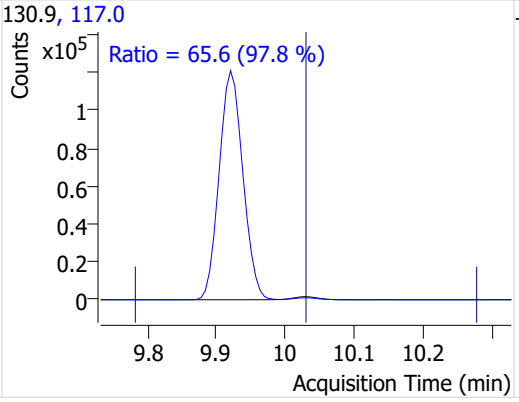


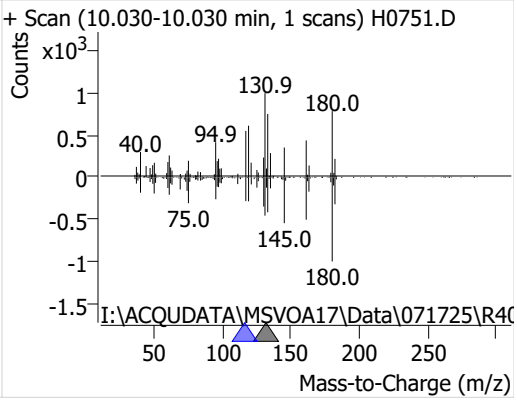




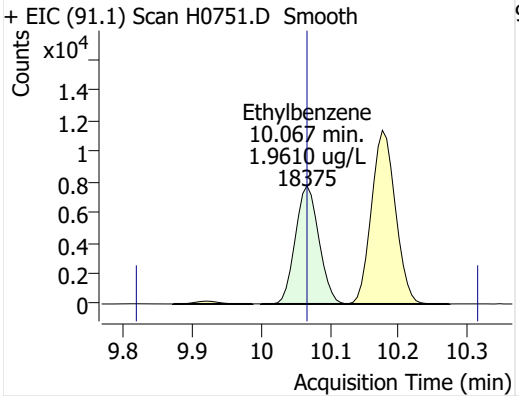
1,1,1,2-Tetrachloroethane

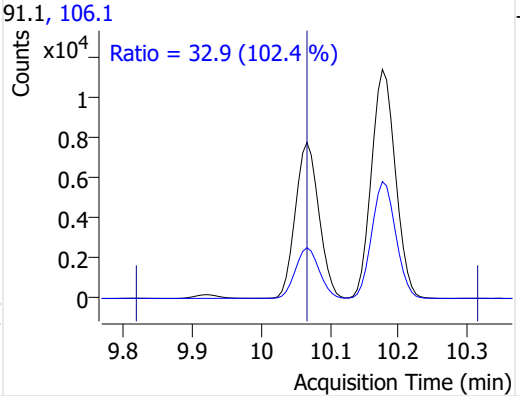


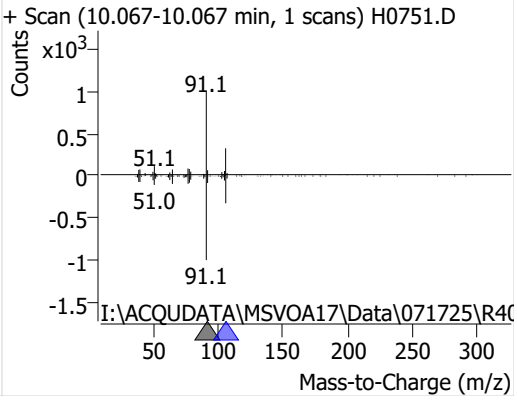




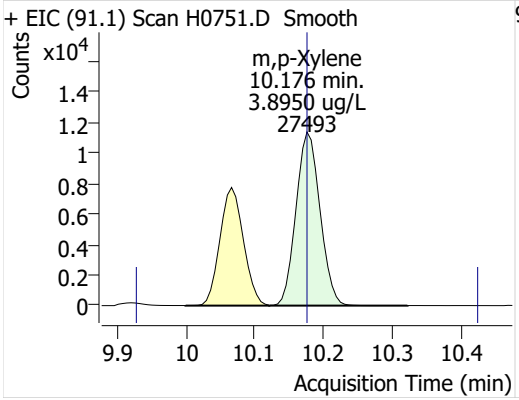
Ethylbenzene

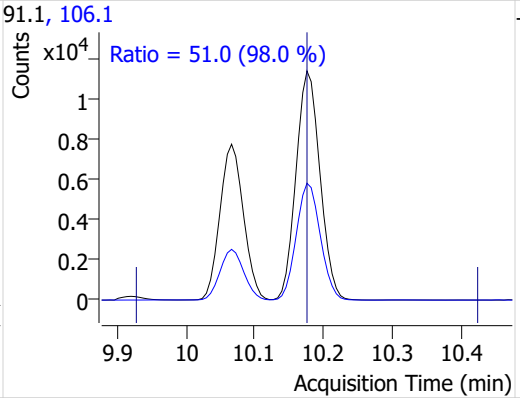


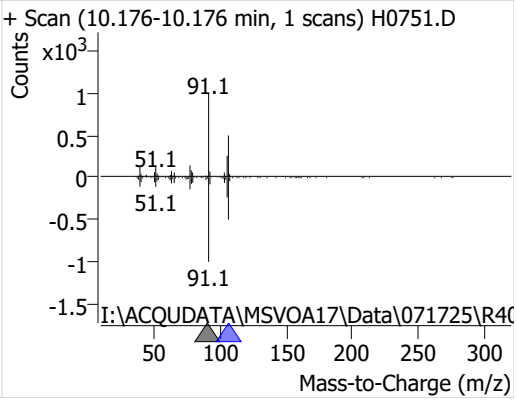




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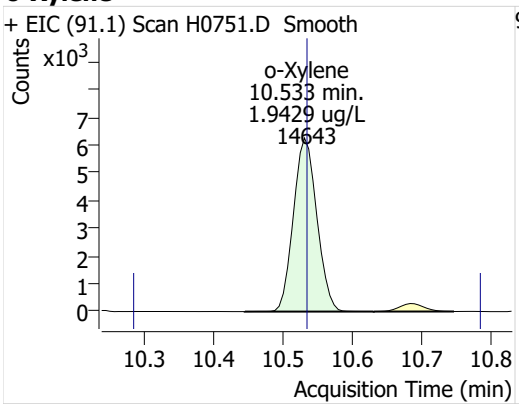


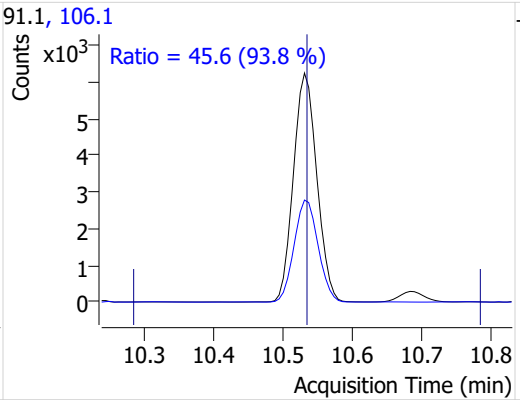


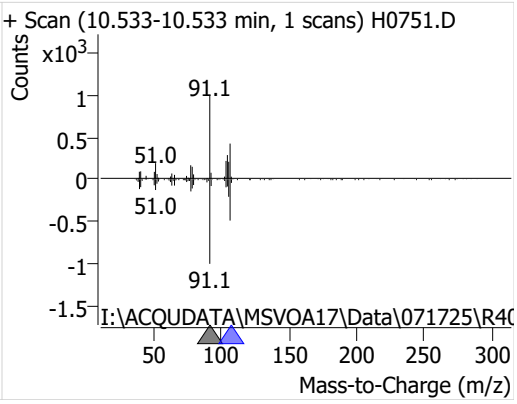


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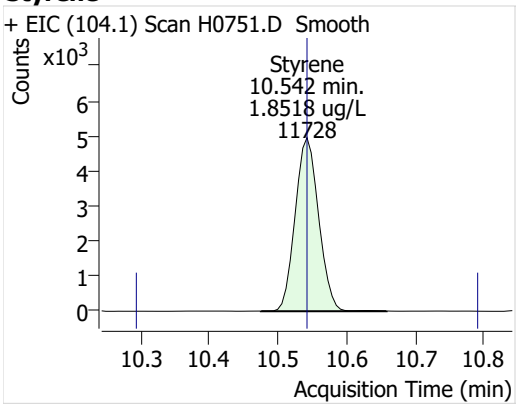
o-Xylene

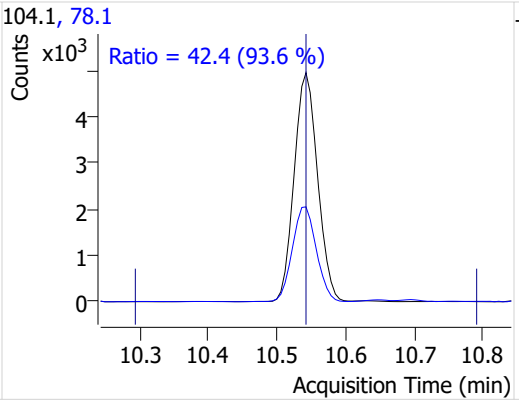


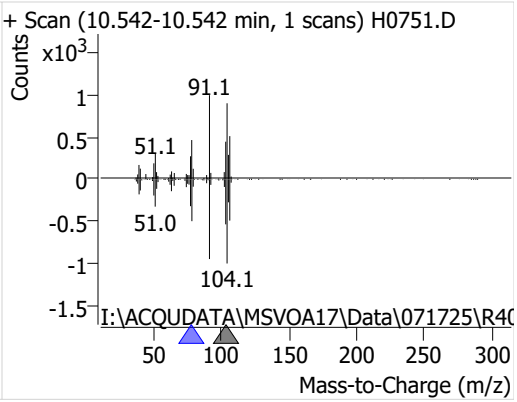




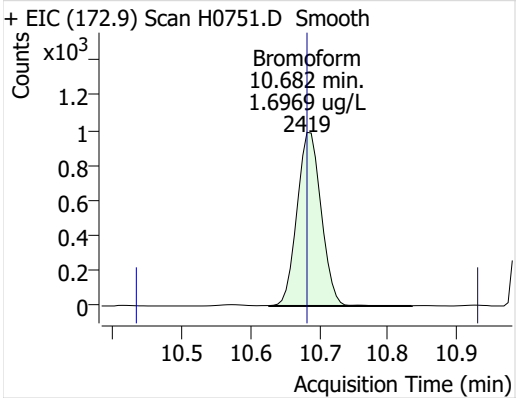
Styrene

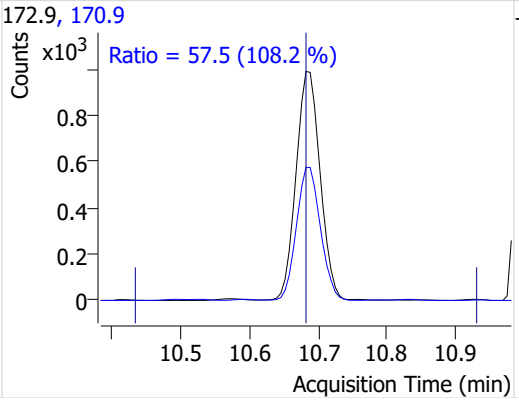


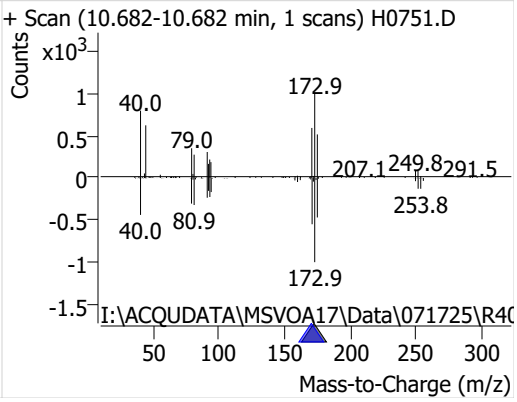




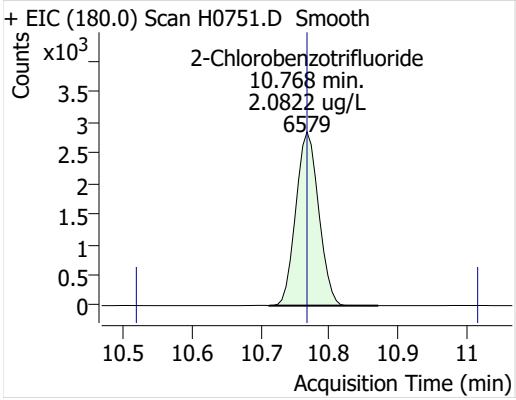
Bromoform

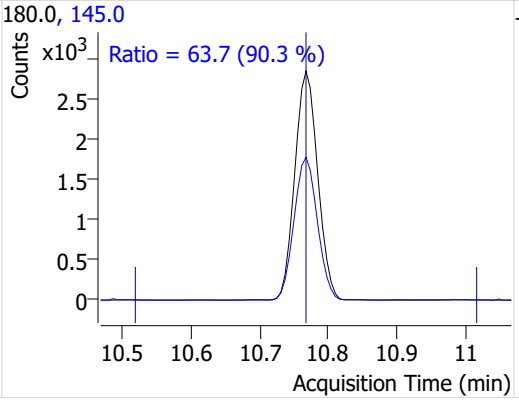


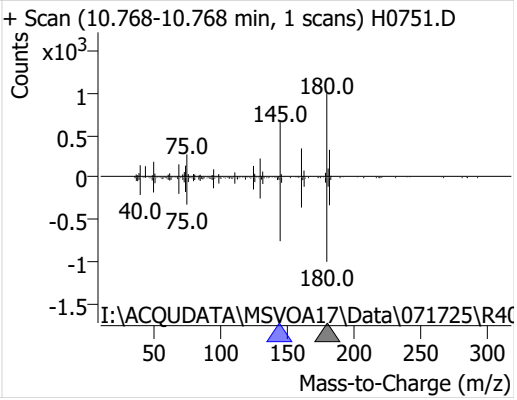




2-Chlorobenzotrifluoride

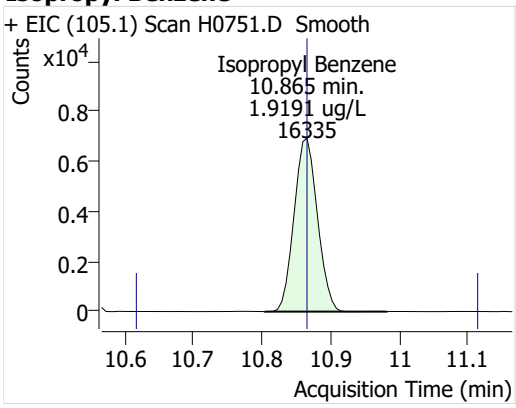


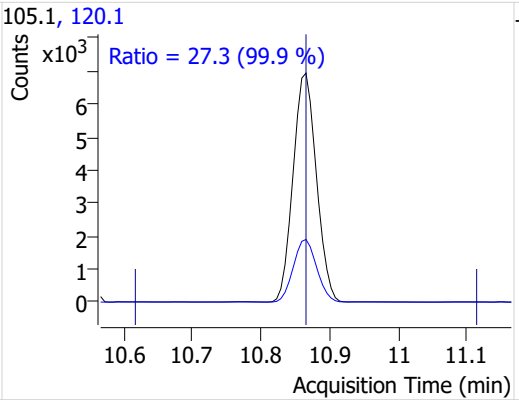


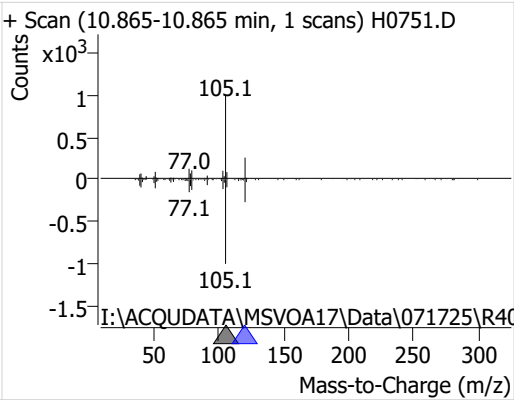


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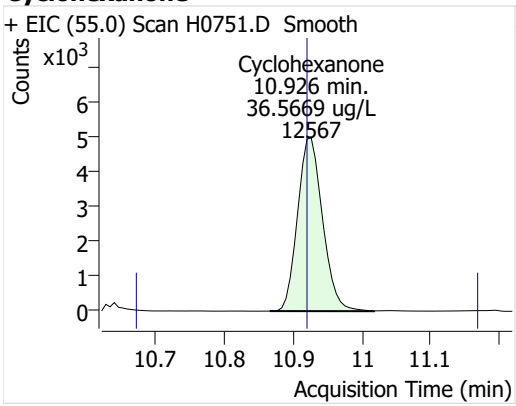
Isopropyl Benzene

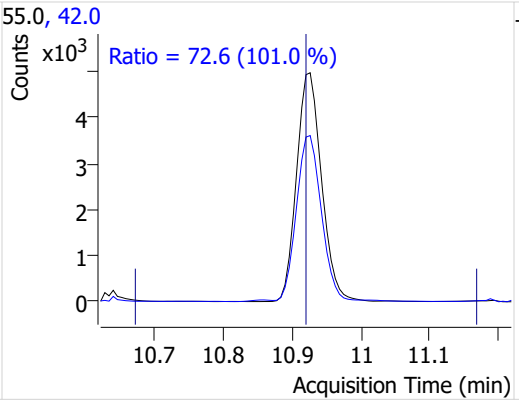


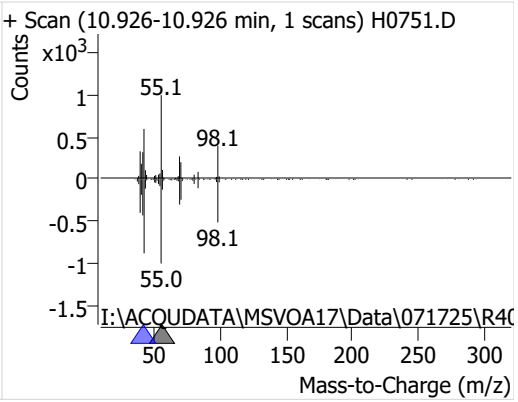




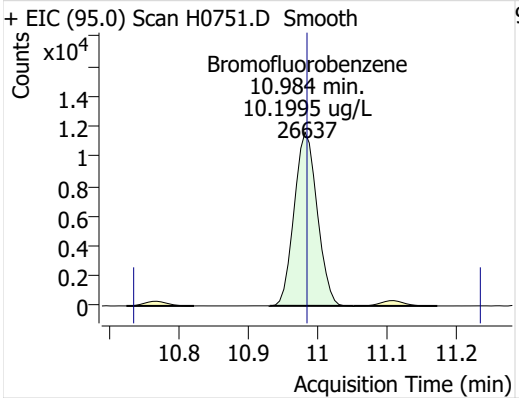
Cyclohexanone

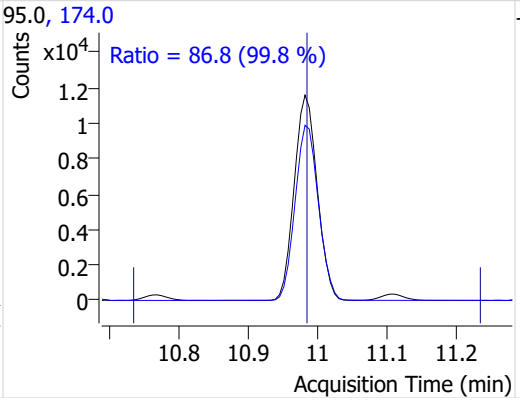


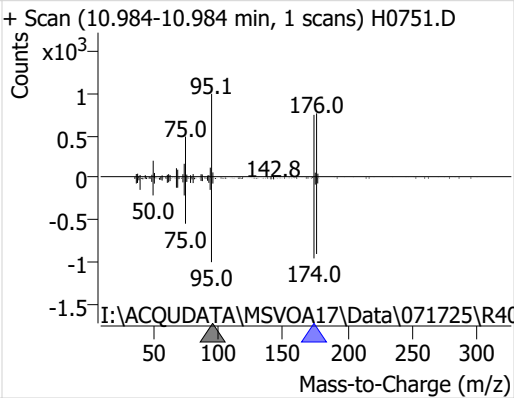




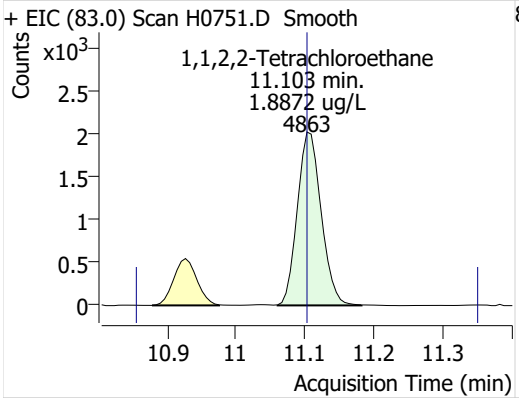
Bromofluorobenzene

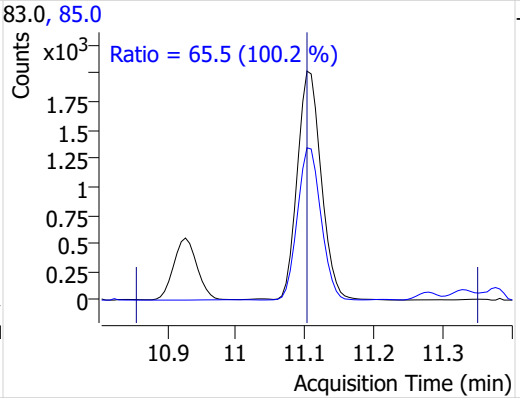


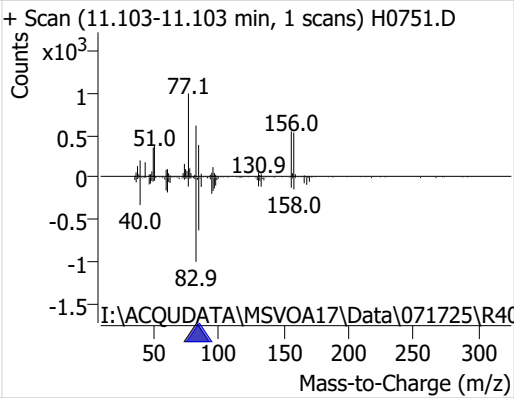




1,1,2,2-Tetrachloroethane

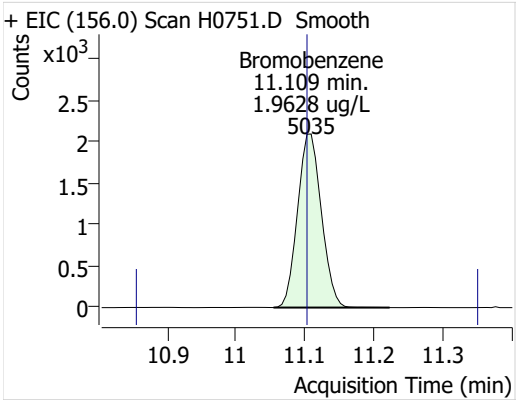


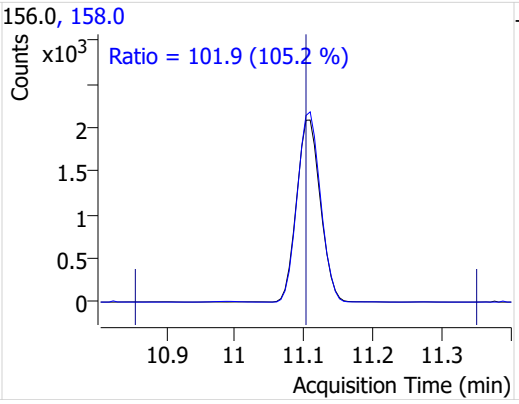


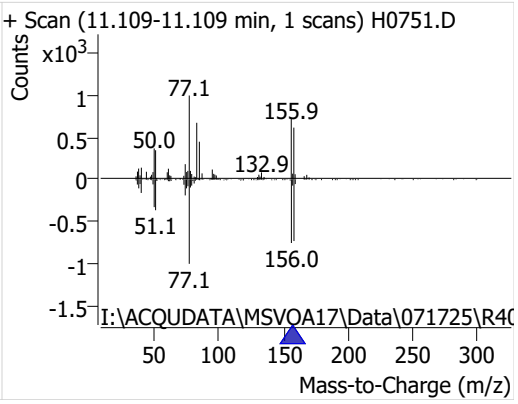


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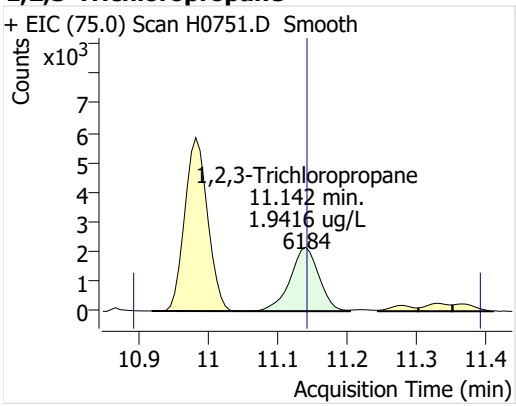
Bromobenzene

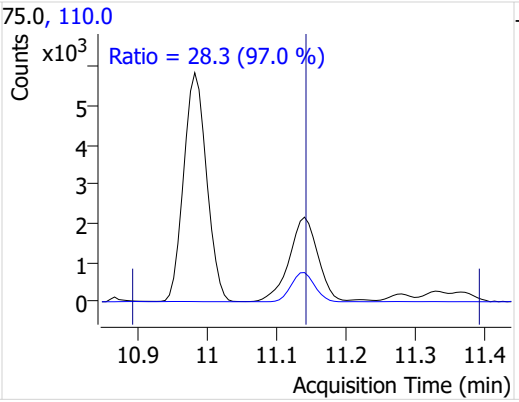


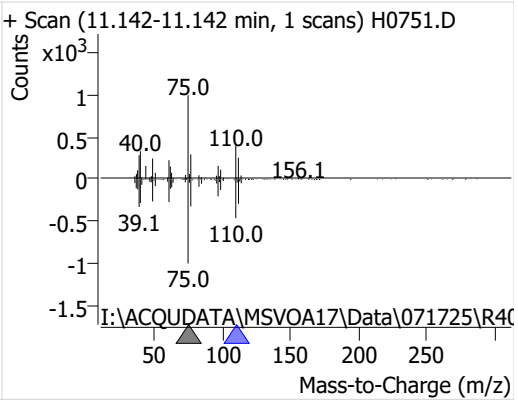




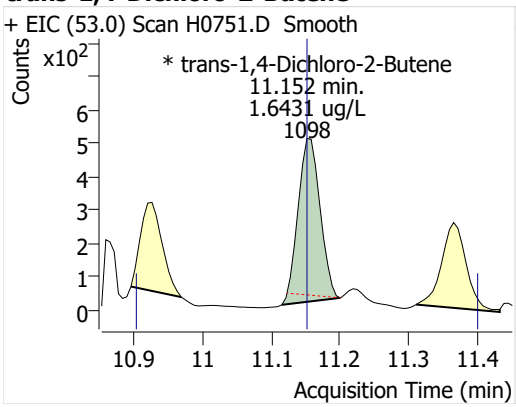
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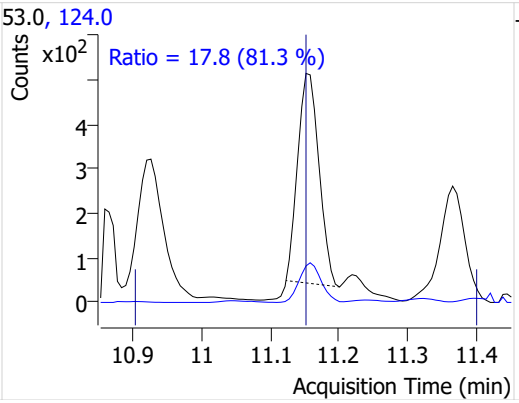


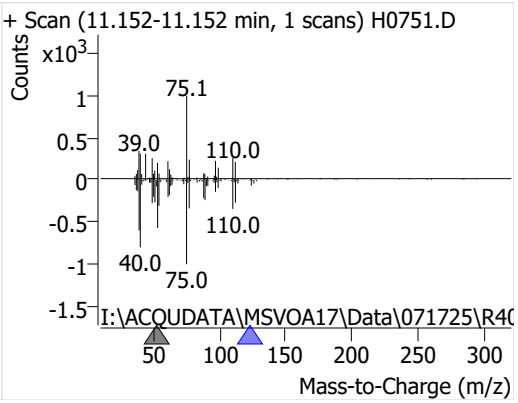




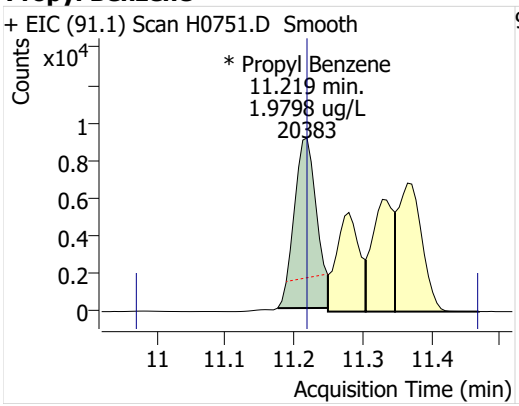
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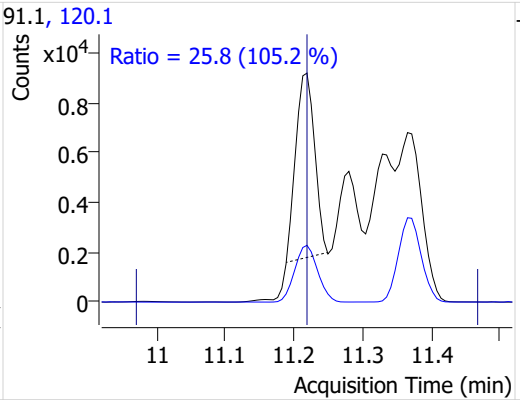


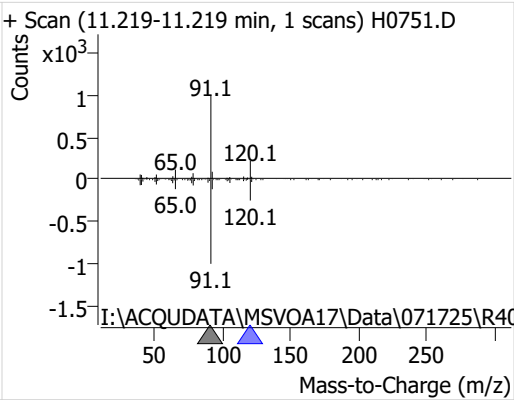




Propyl Benzene

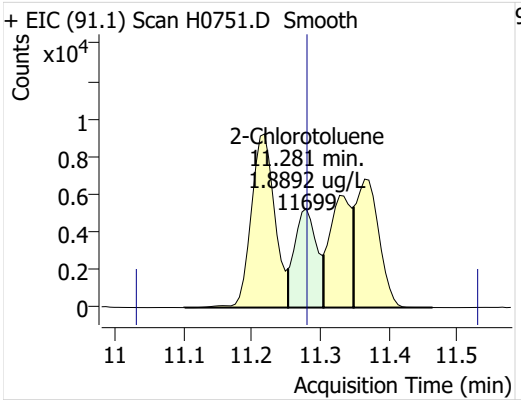


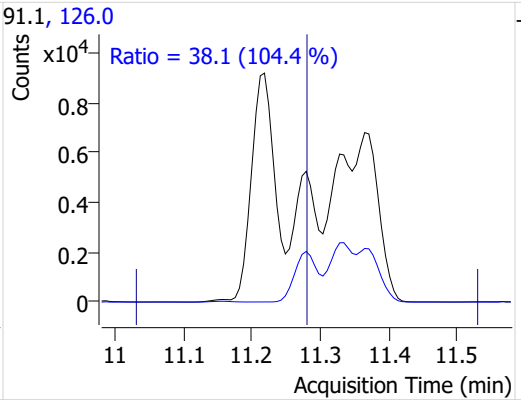


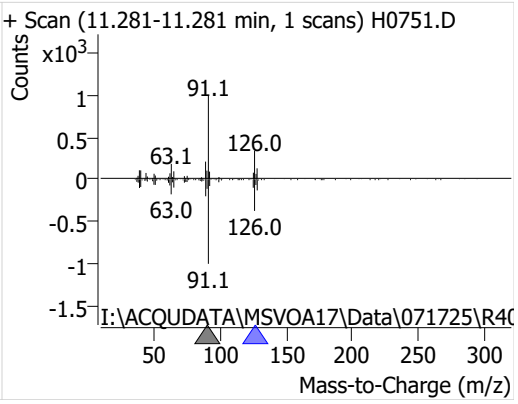


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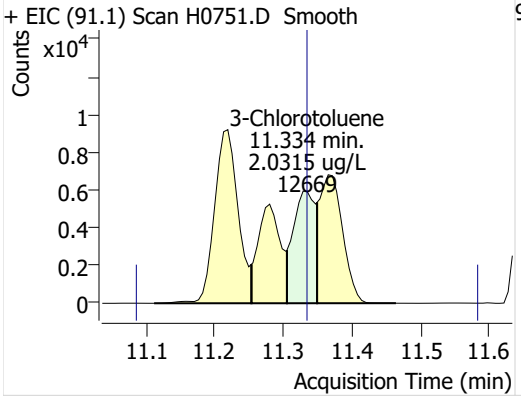
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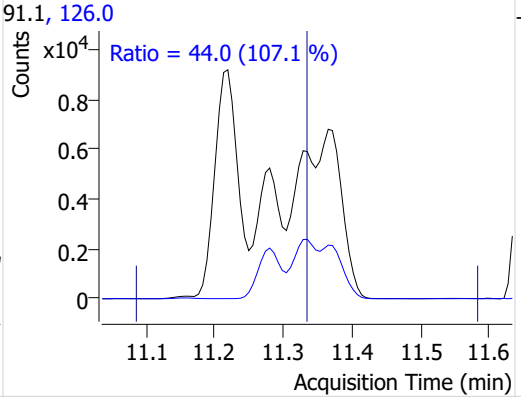


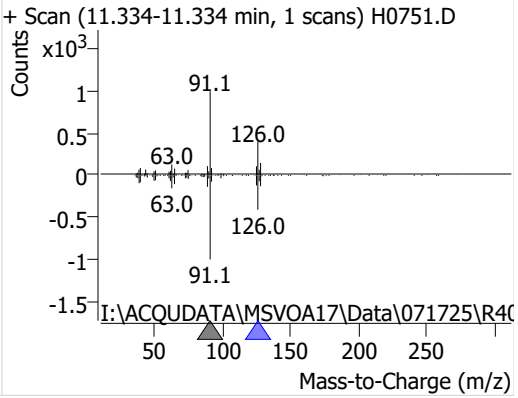




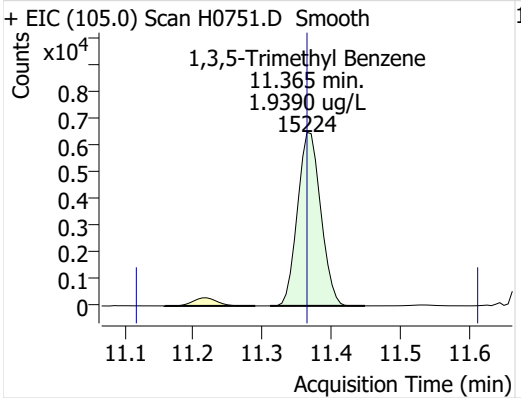
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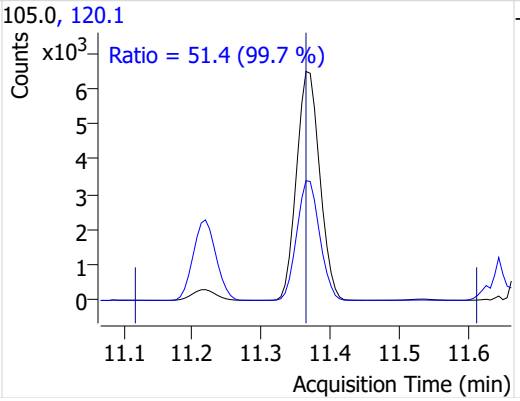


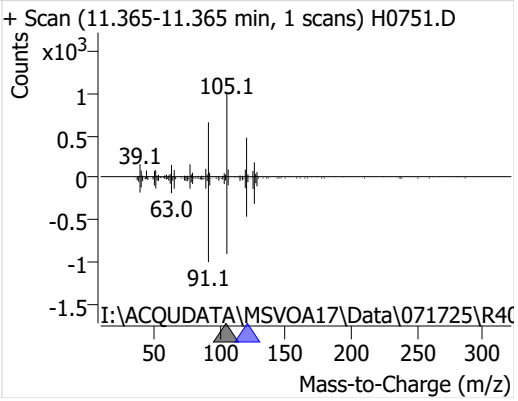




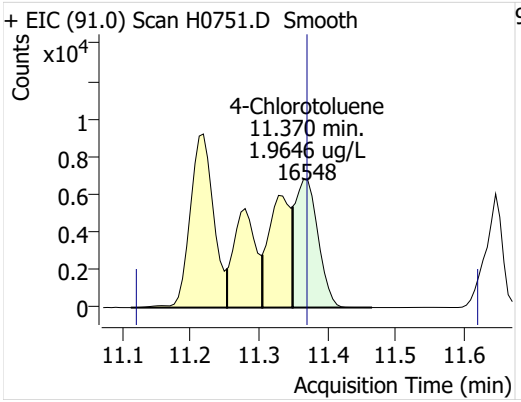
1,3,5-Trimethyl Benzene

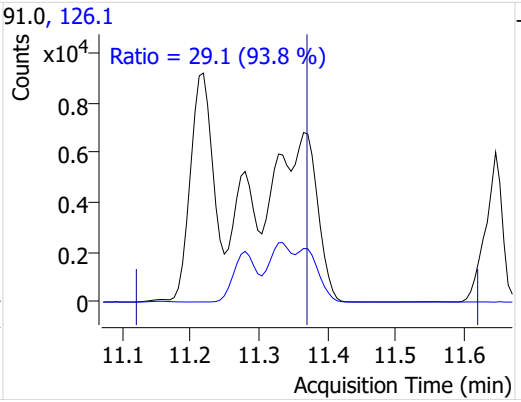


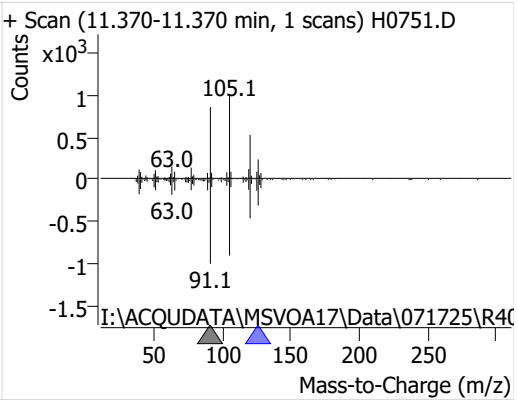




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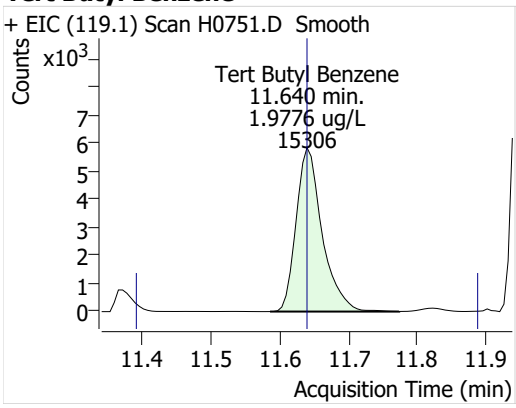


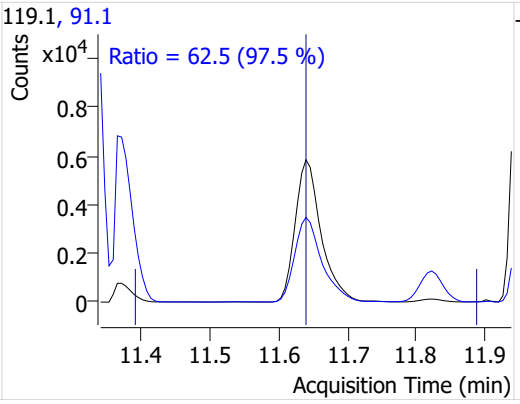


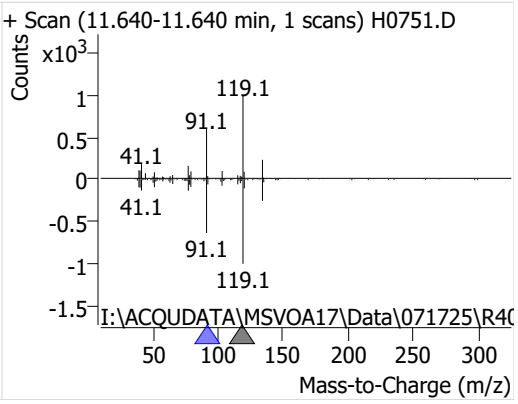


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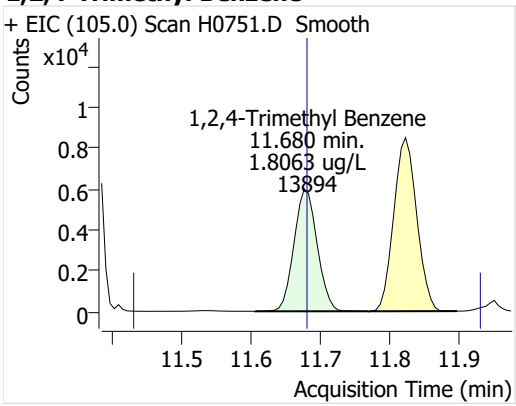
Tert Butyl Benzene

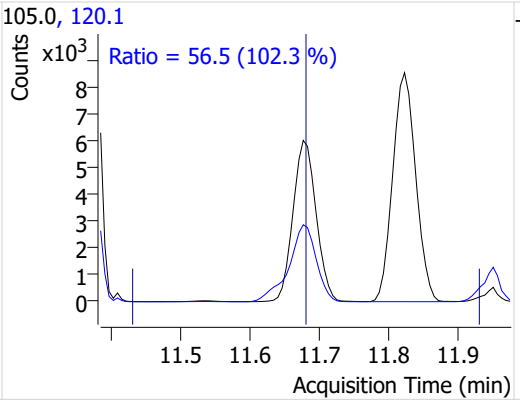


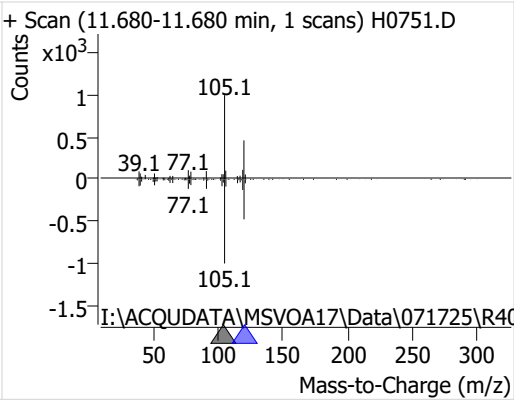




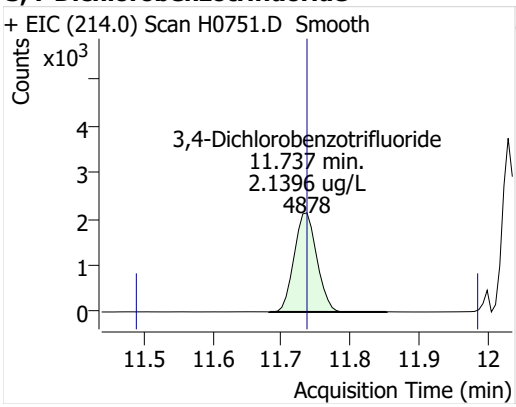
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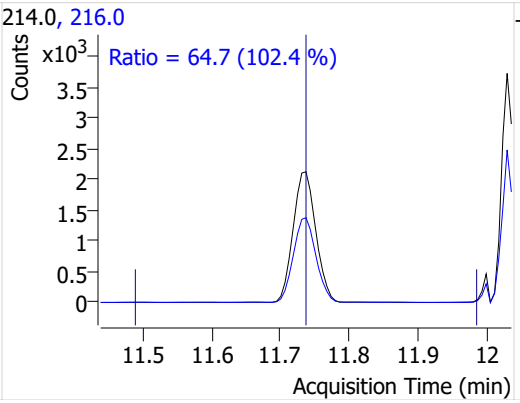


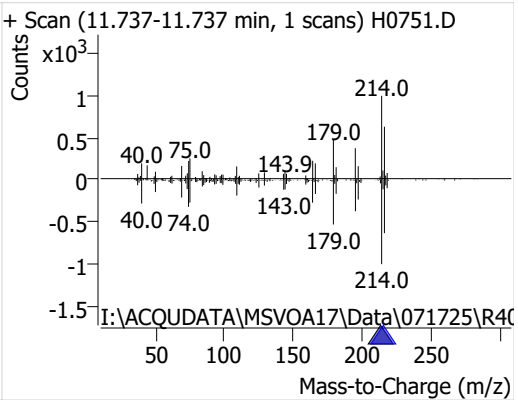




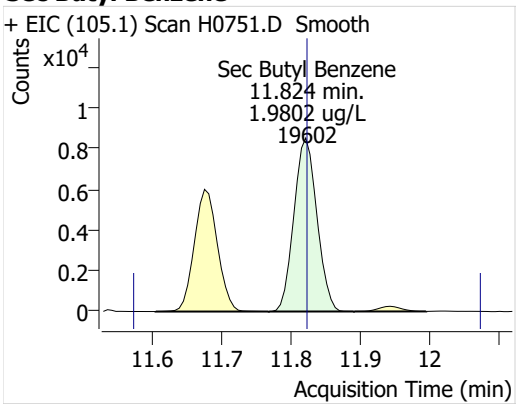
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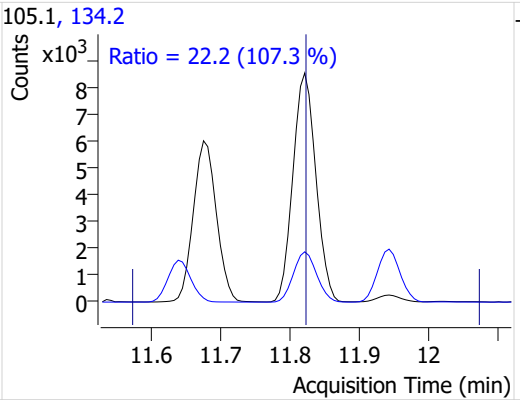


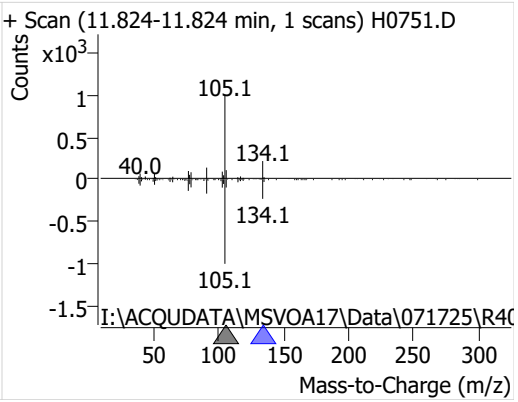




Sec Butyl Benzene

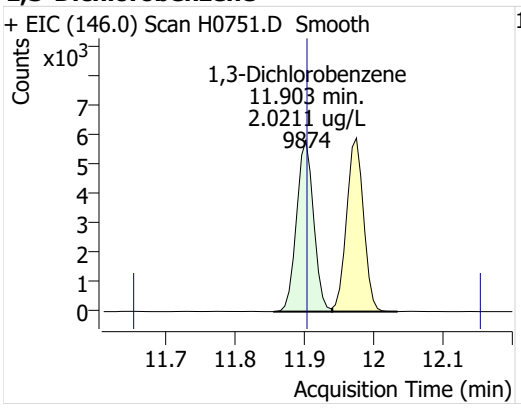


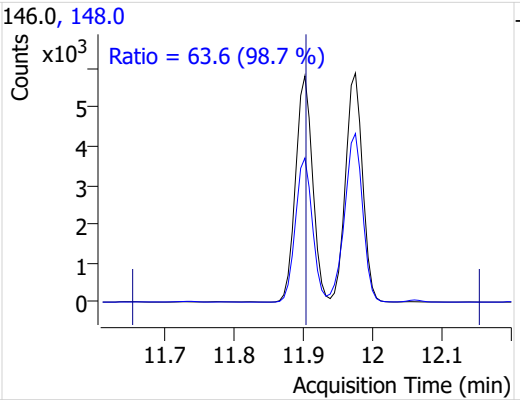


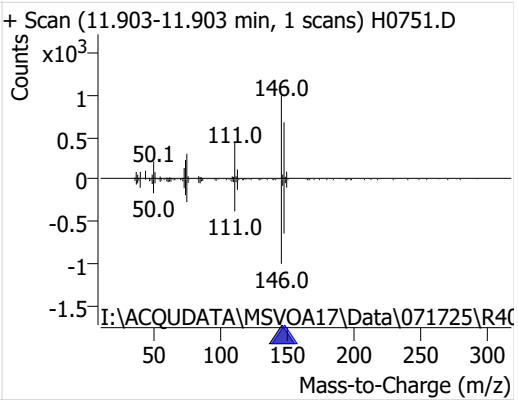


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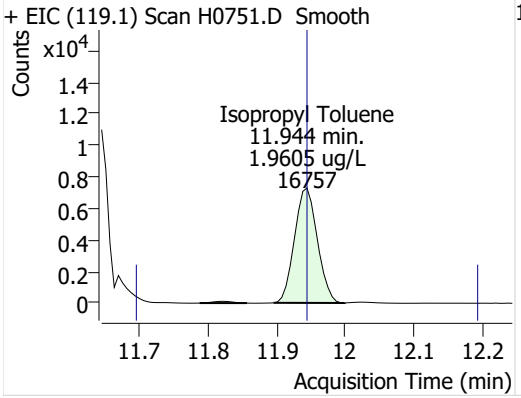
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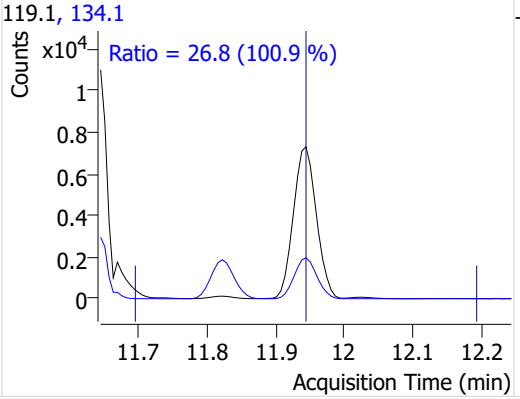


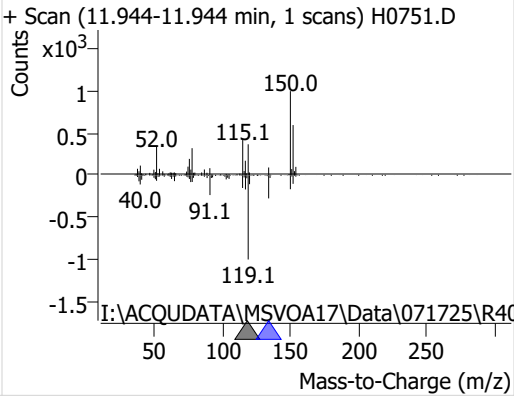




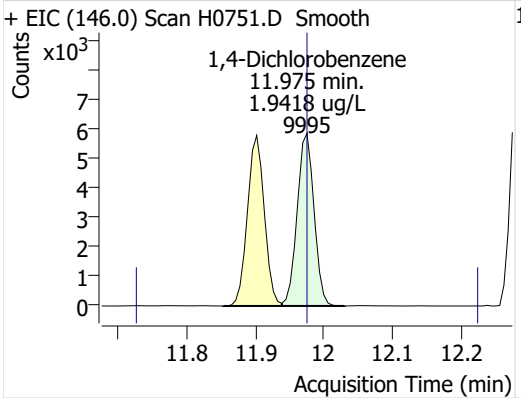
Isopropyl Toluene

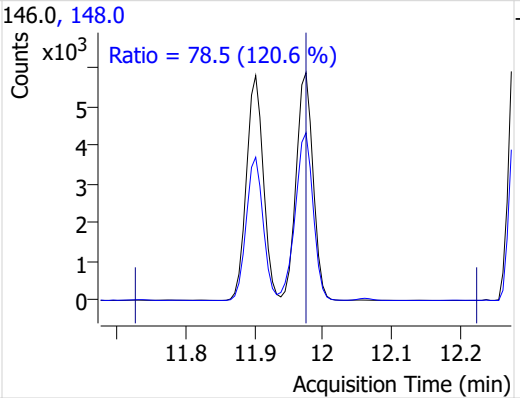


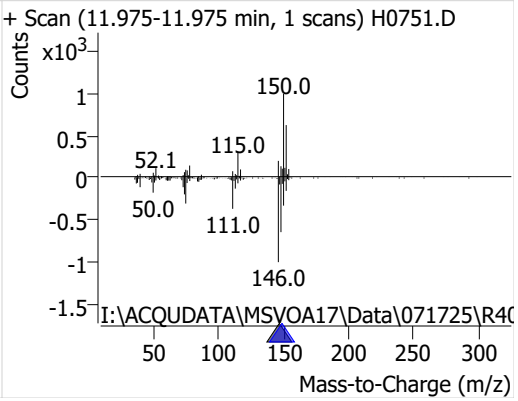




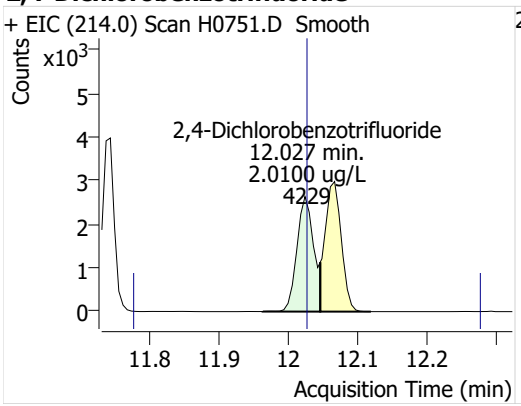
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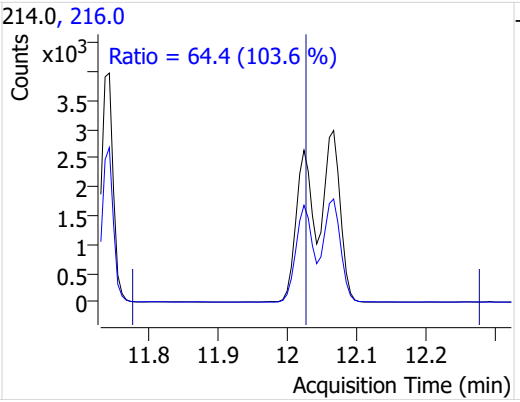


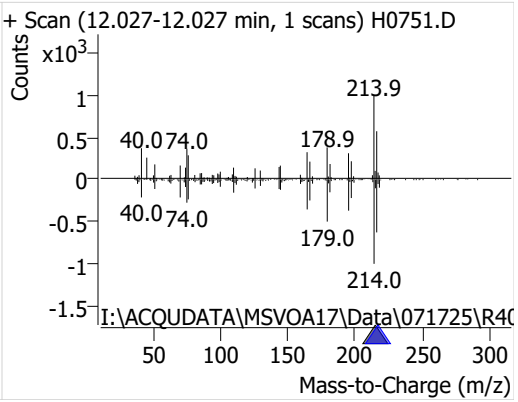




2,4-Dichlorobenzotrifluoride

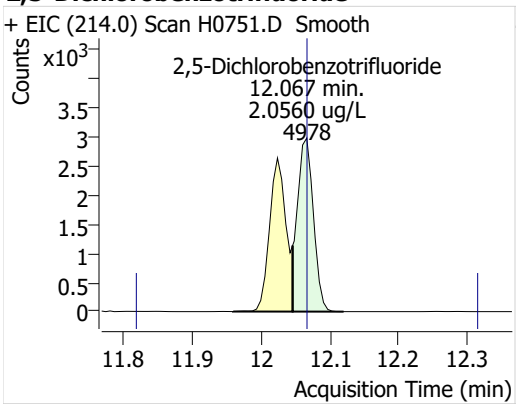


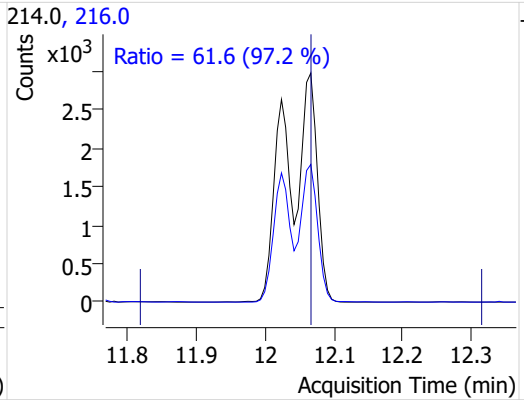


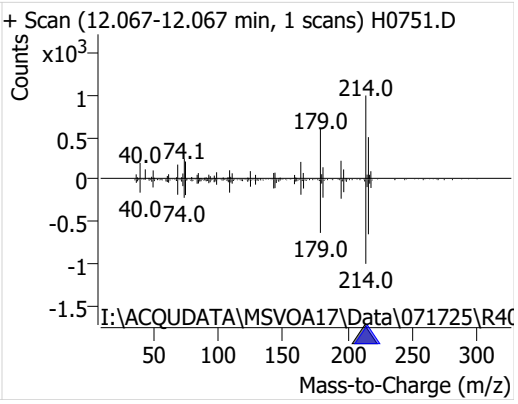


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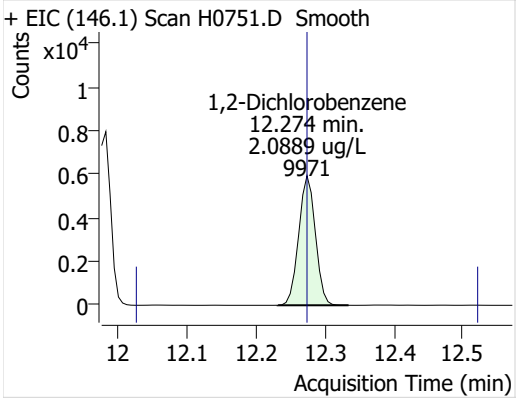
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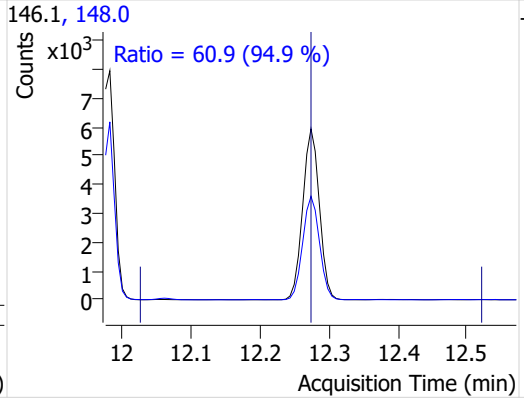


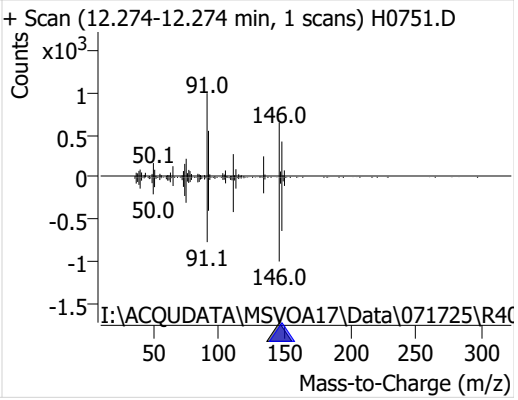




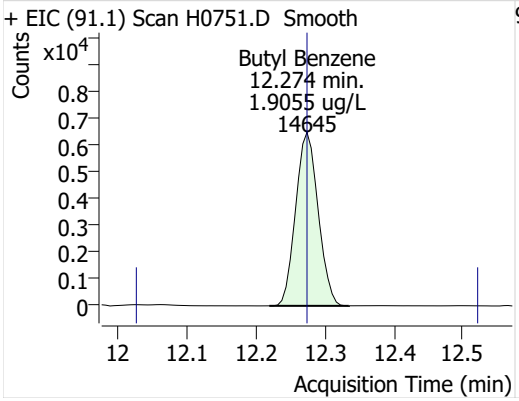
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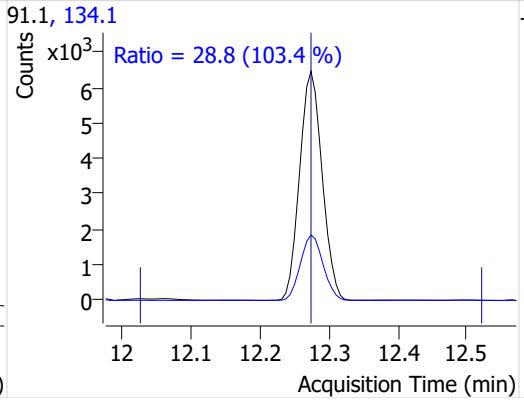


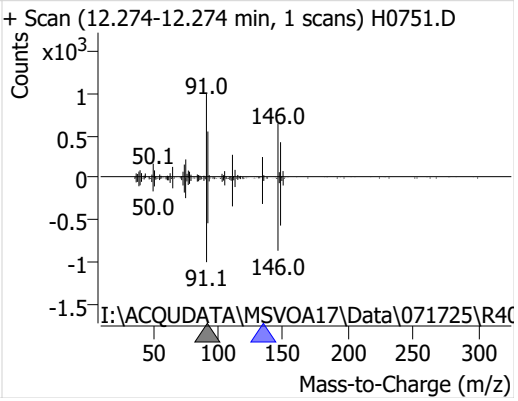




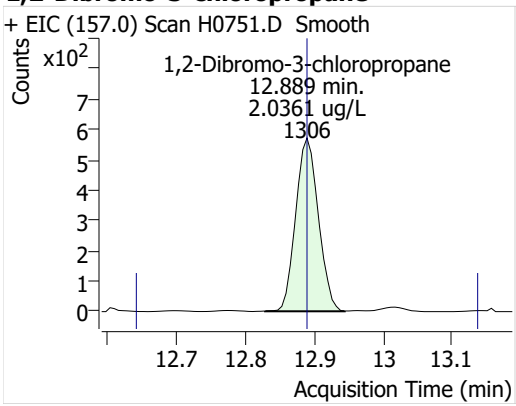
Butyl Benzene

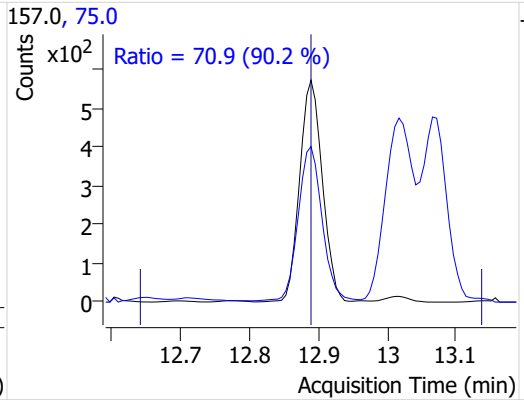


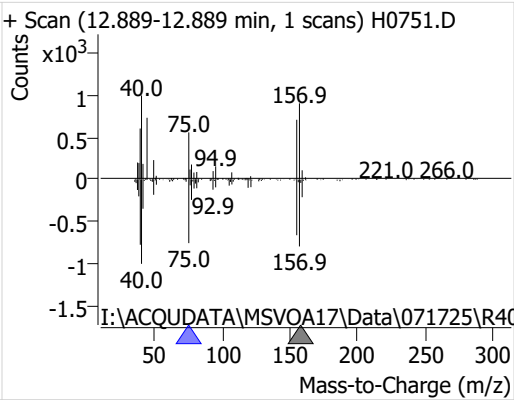




1,2-Dibromo-3-chloropropane

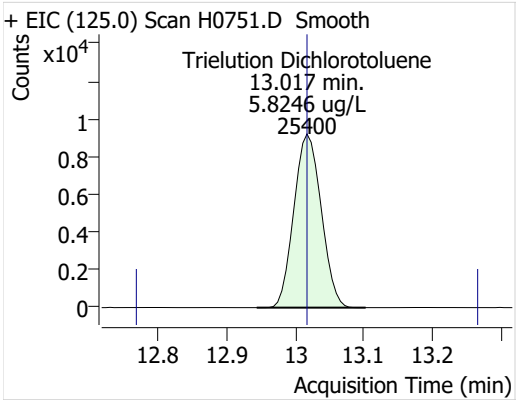


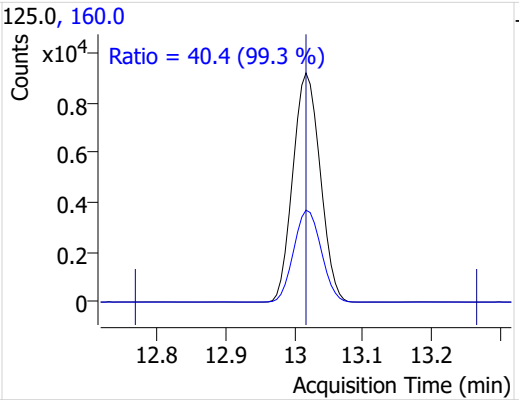


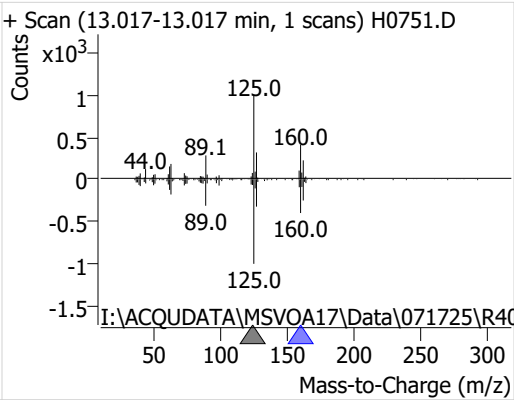


Masshunter Quantitative Analysis Sample Report

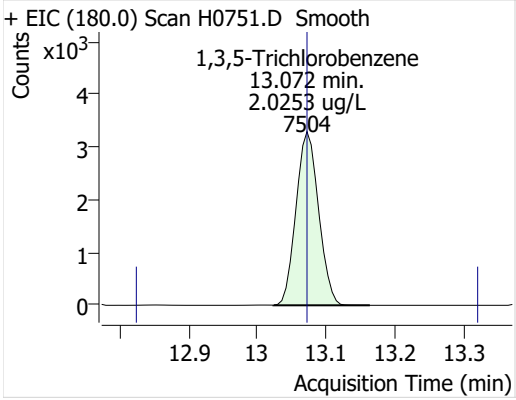
Trielution Dichlorotoluene

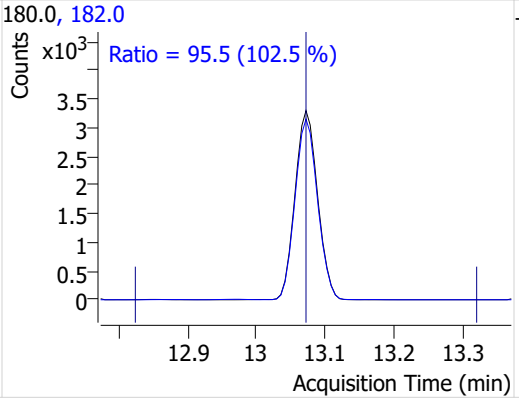


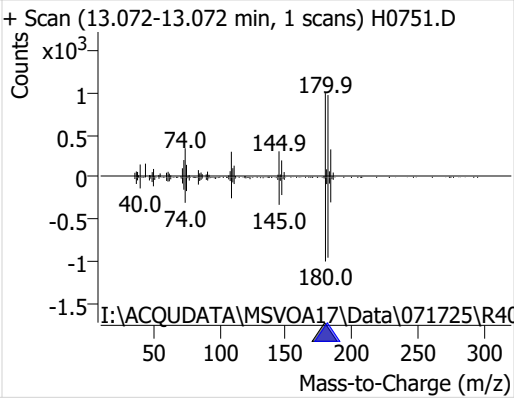




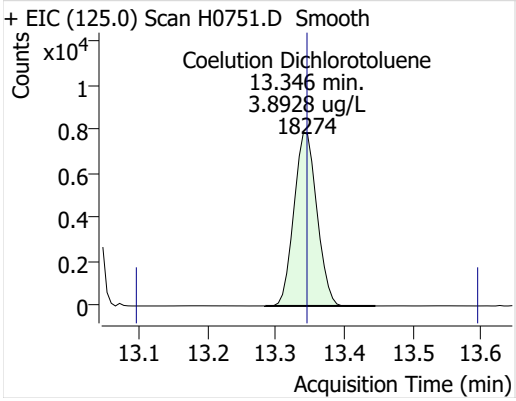
1,3,5-Trichlorobenzene

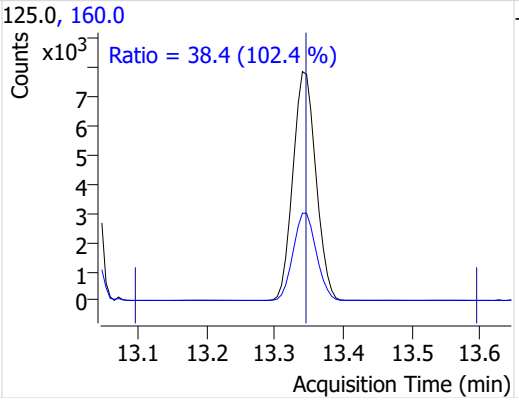


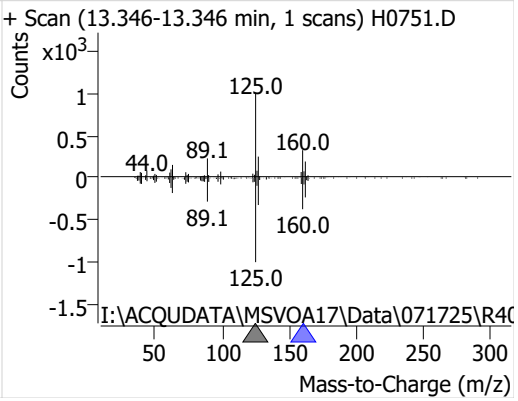




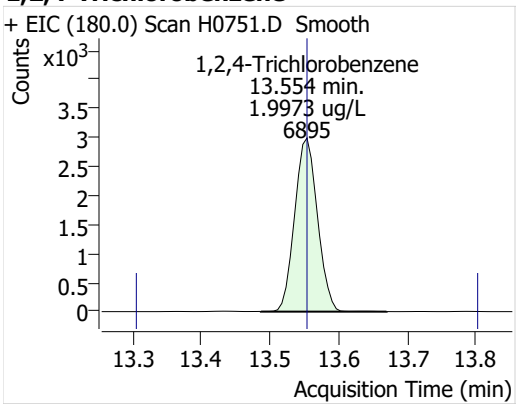
Coelution Dichlorotoluene

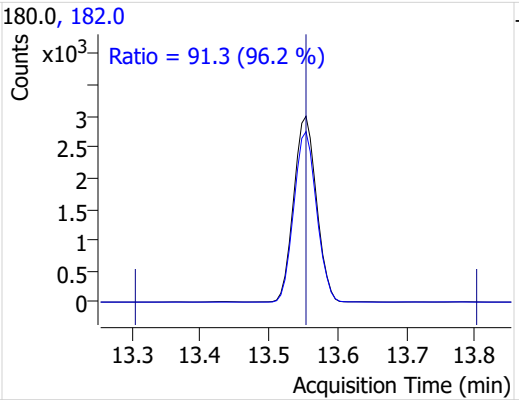


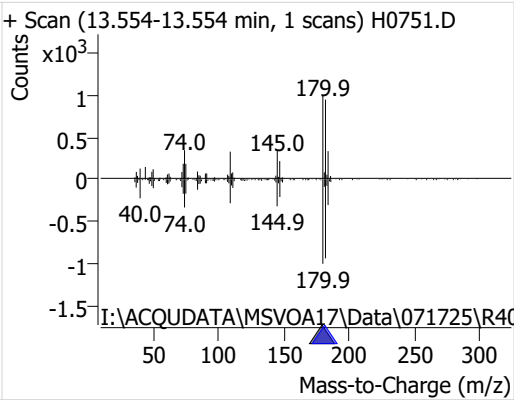




1,2,4-Trichlorobenzene

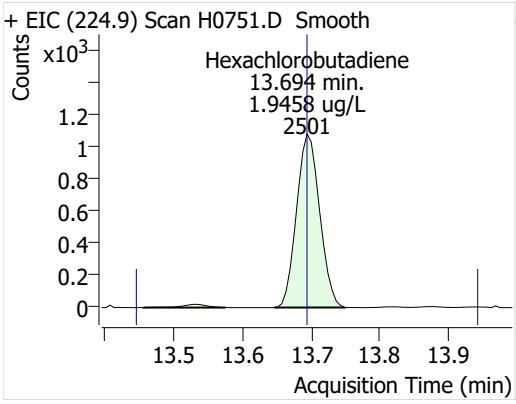


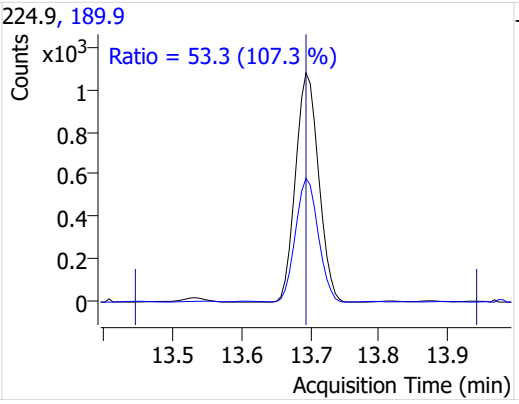


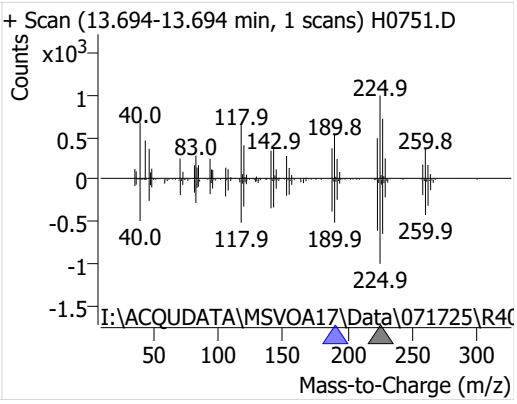


Masshunter Quantitative Analysis Sample Report

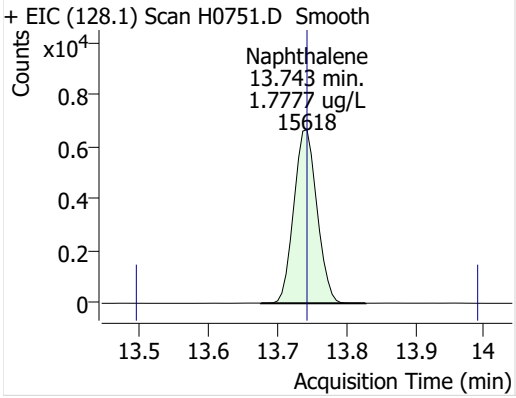
Hexachlorobutadiene

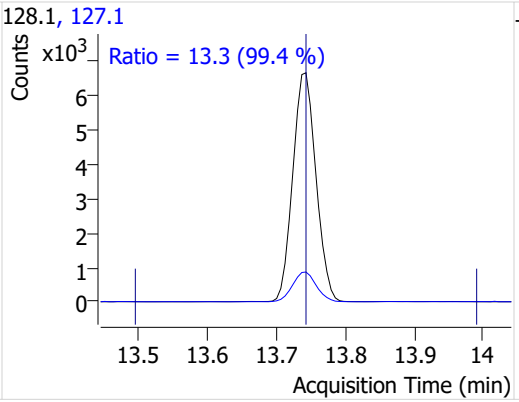


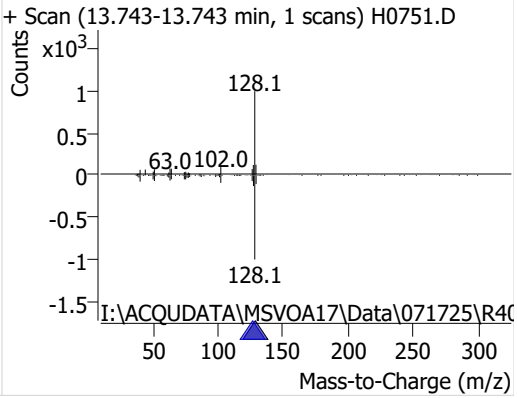




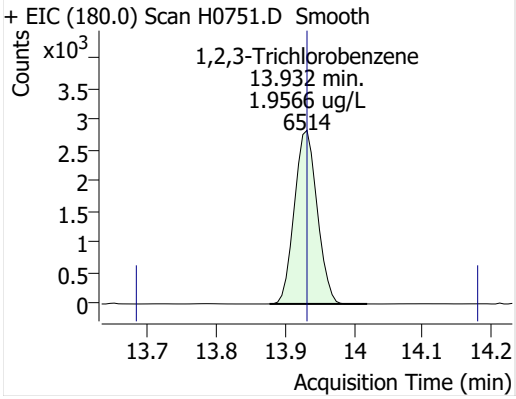
Naphthalene

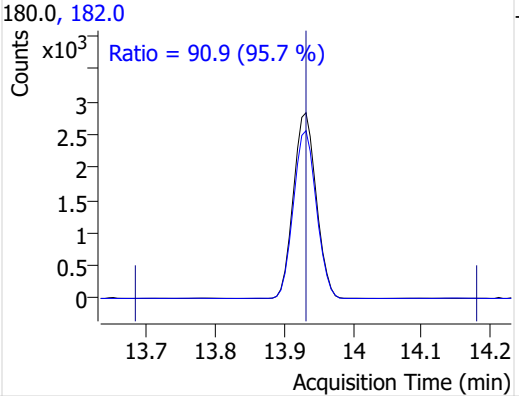


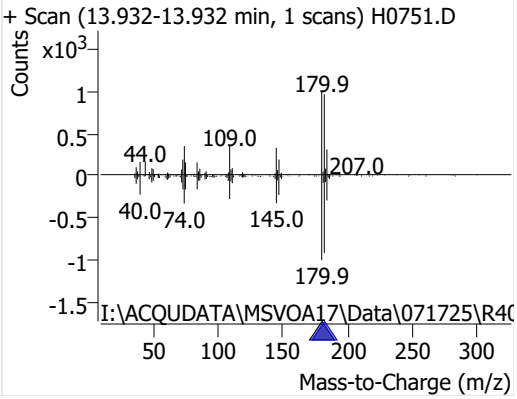




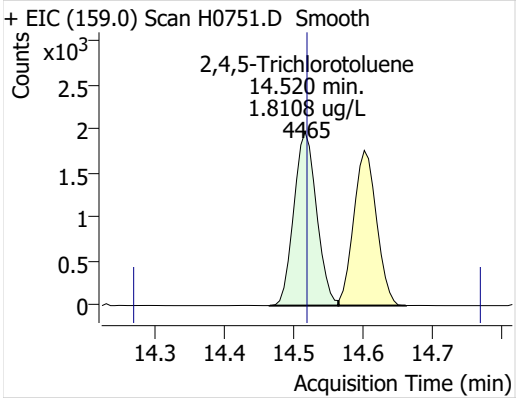
1,2,3-Trichlorobenzene

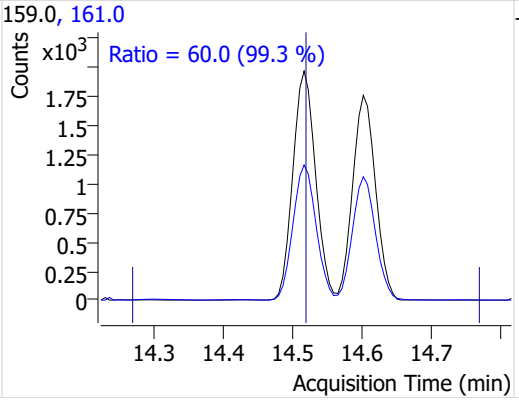


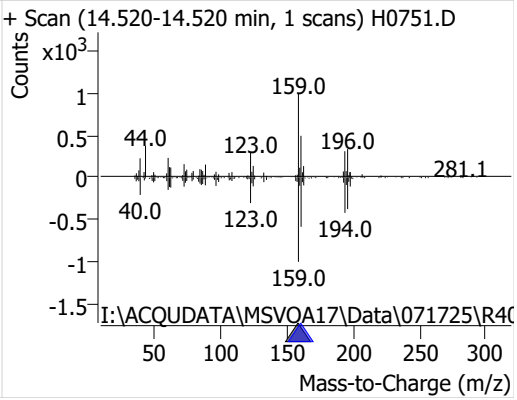




2,4,5-Trichlorotoluene

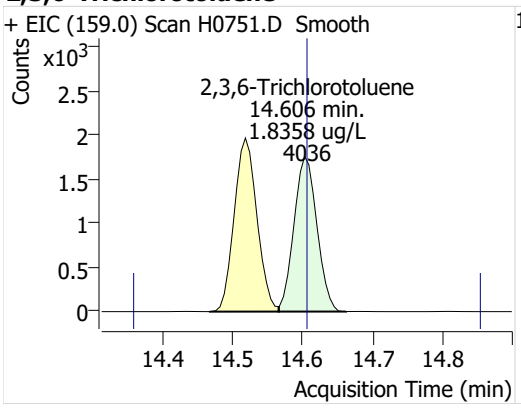


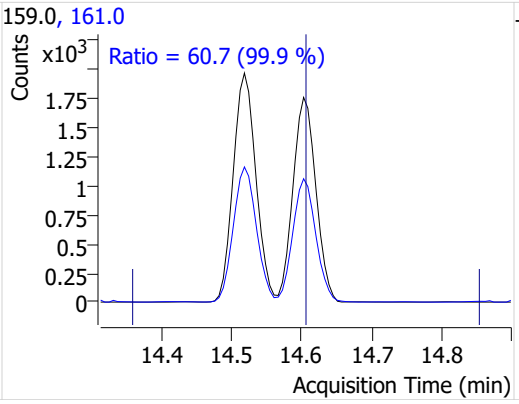


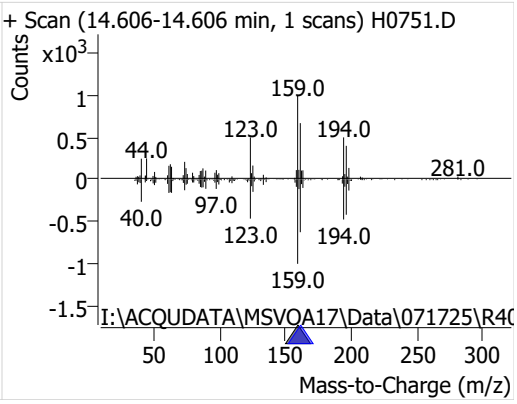


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





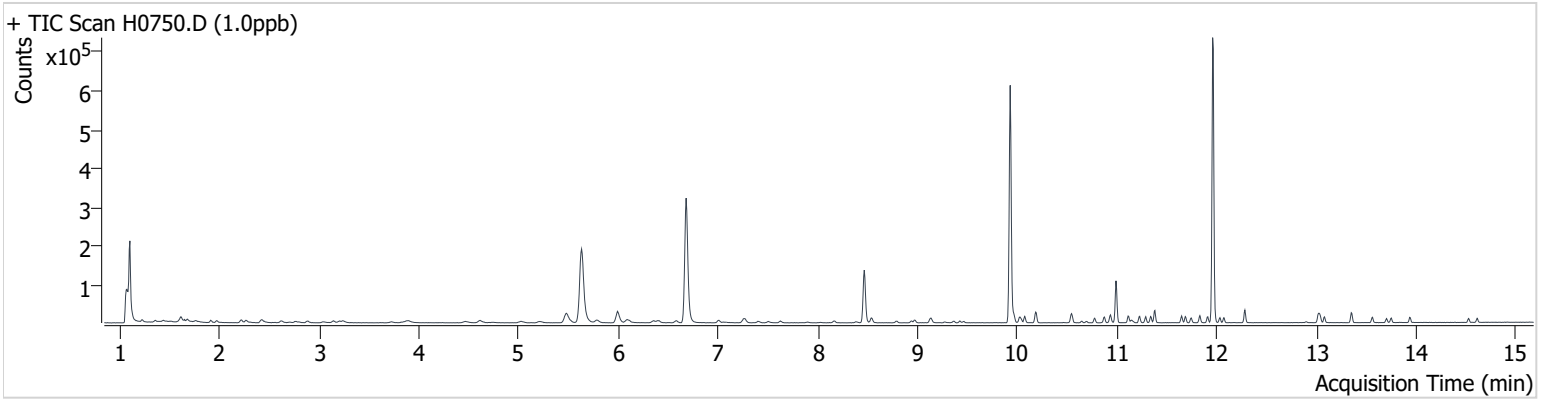


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0750.D

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	200230	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	325205	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	285794	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	155002	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	22753	10.8525	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	89083	10.9933	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	26722	10.7143	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	26442	10.9269	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	2448	0.9972	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	2674	1.0969	ug/L
Chloromethane	50.100	0.240	0.000	1.351	0.000	2632	1.1785	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	2771	1.0595	ug/L
Bromomethane	94.000	0.298	0.001	1.675	0.005	2968	1.1450	ug/L
Chloroethane	64.000	0.312	0.000	1.757	0.002	2331	1.2167	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.000	4522	1.1466	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	3846	1.0771	ug/L
Freon 123a	117.000	0.393	0.000	2.210	0.001	2584	1.2140	ug/L
Diethyl Ether	59.000	0.395	0.001	2.219	0.004	1857	1.0131	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	3604	1.1264	ug/L
Acrolein	56.000	0.411	0.000	2.312	0.001	646	5.0070	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	3385	1.0447	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	2477	1.1114	ug/L
Acetone	43.000	0.438	0.001	2.460	0.004	1504	1.6791	ug/L
Iodomethane	142.000	0.454	0.001	2.551	0.004	704	2.3075	ug/L
2-Propanol	45.000	0.464	0.001	2.609	0.006	2715	20.6925	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	6071	1.1184	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	4074 LT	5.5905	ug/L
Methyl Acetate	43.000	0.497	0.001	2.793	0.006	2141	1.2054	ug/L

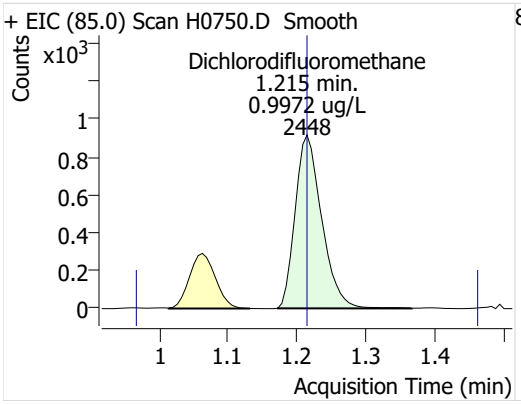
Masshunter Quantitative Analysis Sample Report

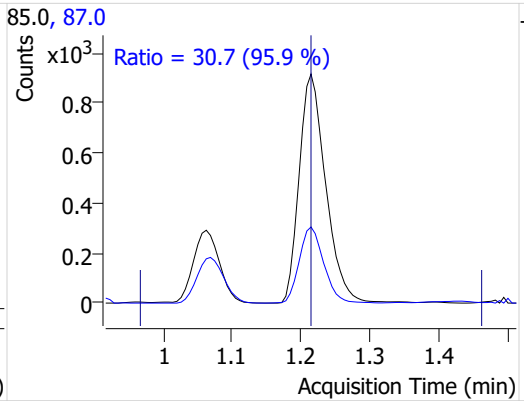
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	2245	1.0320	ug/L
TBA	59.000	0.540	0.002	3.038	0.012	3872	19.1188	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	4678	5.0787	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	2917	1.0173	ug/L
MTBE	73.000	0.575	0.002	3.233	0.012	5705	0.9520	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	3943	1.0730	ug/L
Vinyl Acetate	43.000	0.680	0.001	3.826	0.005	2971	0.9583	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.003	1448	0.8394	ug/L
Diisopropyl ether	45.000	0.691	0.001	3.885	0.006	6415	1.0221	ug/L
ETBE	59.000	0.794	0.002	4.462	0.011	5520	0.9399	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.001	2352	1.0261	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.009	2628	0.9574	ug/L
2-Butanone	43.000	0.836	0.005	4.699	0.025	1248	1.1076	ug/L
Propionitrile	54.000	0.843	0.003	4.738	0.018	1664	4.7004	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	1777	1.1037	ug/L
Methylacrylonitrile	67.000	0.895	0.002	5.034	0.011	793	0.8600	ug/L
Tetrahydrofuran	42.000	0.930	0.010	5.227	0.055	739	1.0814	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	4129	1.0924	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.003	3464	1.1172	ug/L
Cyclohexane	84.000	0.842	0.002	5.616	0.012	8659	1.1305	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.778	0.000	3124	1.1234	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	2797	1.0814	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	8188	1.0520	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	3275	1.0880	ug/L
Iso-Butyl Alcohol	43.000	0.919	0.005	6.133	0.030	1452	29.4416	ug/L
TAME	73.000	1.128	0.002	6.342	0.012	5200	0.9540	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.001	2362	1.1901	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	2800	1.1703	ug/L
1-Butanol	56.000	1.058	0.005	7.055	0.034	2107	39.3455	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.003	2969	1.0521	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	2165	1.0113	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	1500	0.9818	ug/L
1,4-Dioxane	88.000	1.128	0.006	7.525	0.034	590 NI	18.7345	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.000	1321	0.8999	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	3113	1.0970	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.000	1243 BA	2.3108	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.022	0.005	450	0.7046	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	2910	1.0310	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.002	8.379	0.011	1828	0.8837	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	9306	1.0925	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	2268	0.9143	ug/L
Ethyl Methacrylate	69.000	1.339	0.001	8.933	0.003	2378	0.9191	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	1954	0.9954	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.003	2323	1.0765	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	3465	1.0488	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	867	1.0736	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	2079	0.9030	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.418	0.004	2630	0.8527	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.006	1873	0.9765	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.003	6164	1.0297	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	3357	1.0766	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	3461	1.1704	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	2043	0.9803	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	9036	0.9760	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	13858	1.9871	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	7608	1.0218	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	5644	0.9020	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.000	1358	0.9646	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	3331	1.0670	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	8304	0.9874	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	7034	19.8264	ug/L

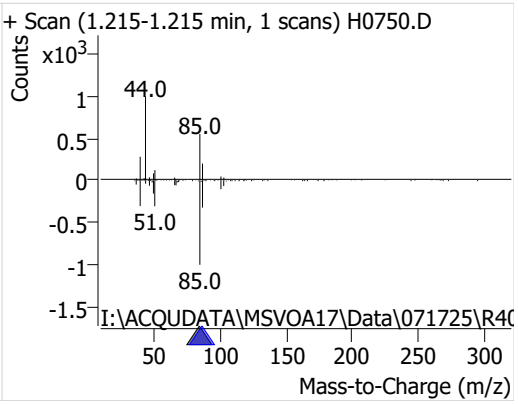
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	2341	0.9511	ug/L
Bromobenzene	156.000	0.929	0.001	11.109	0.006	2639	1.0773	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	2933	0.9644	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.125	0.001	11.158	0.003	561	0.8494	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.003	10397	1.0575	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.001	6225	1.0525	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	6692	1.1237	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	7286	0.9717	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.000	8609	1.0702	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	7824	1.0586	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	7001	0.9531	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	2328	1.0692	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.825	0.000	9899	1.0471	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.904	0.000	5104	1.0938	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	8117	0.9944	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.003	5255	1.0691	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	2360	1.1748	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	2606	1.1269	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	4615	1.0124	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	7182	0.9785	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	613	1.0002	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	12688	3.0466	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	3808	1.0761	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.345	0.000	8539	1.9048	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	3460	1.0494	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	1249	1.0173	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	7198	0.8579	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	3381	1.0634	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	2299	0.9762	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	2034	0.9685	ug/L

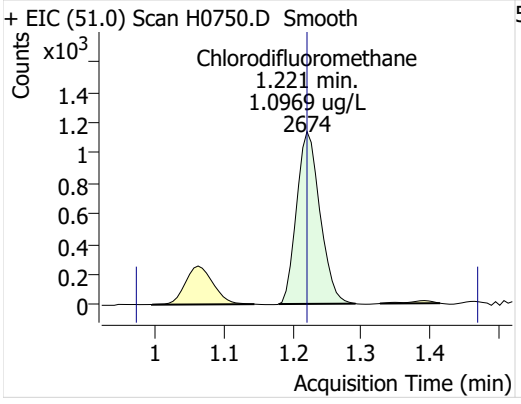
Dichlorodifluoromethane

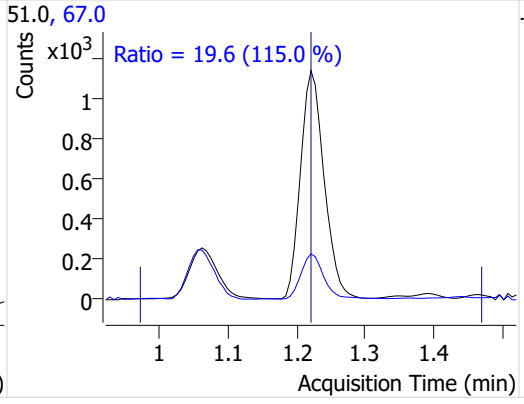


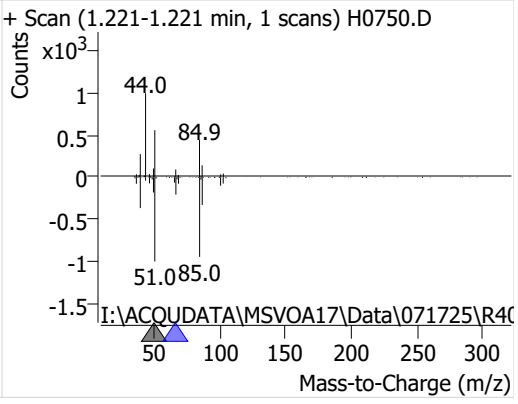




Chlorodifluoromethane

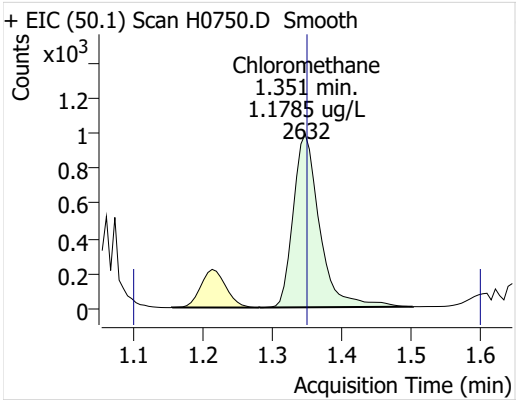


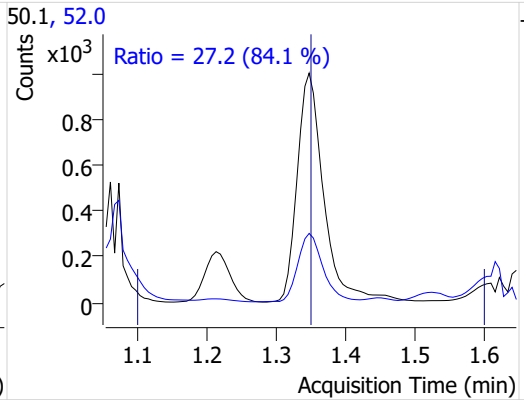


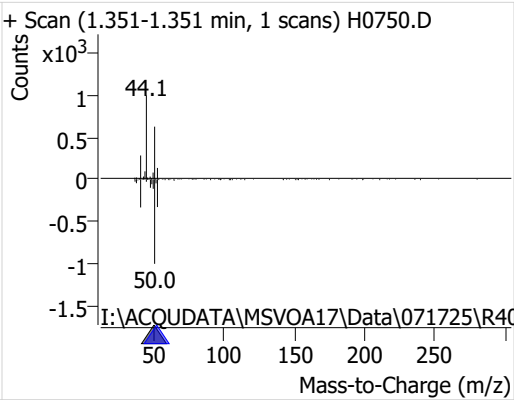


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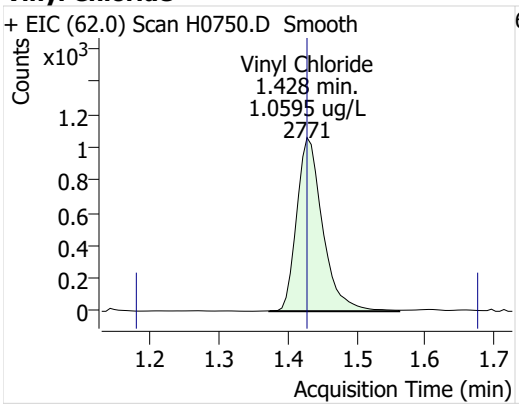
Chloromethane

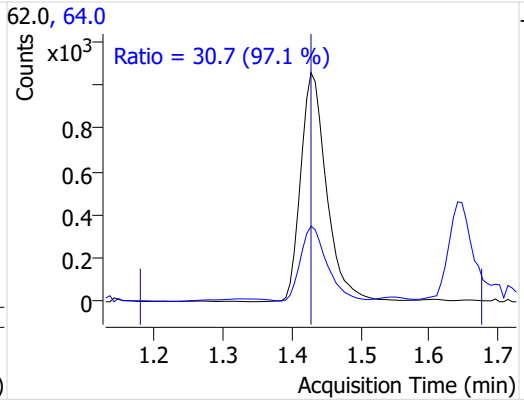


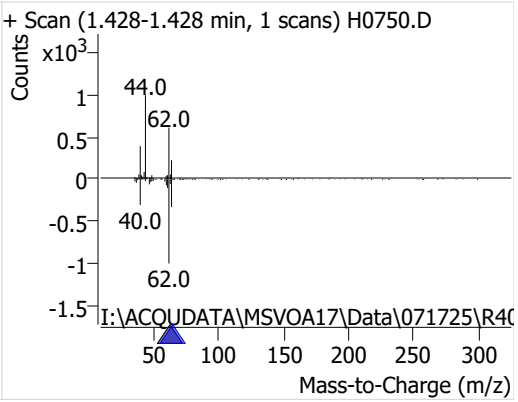




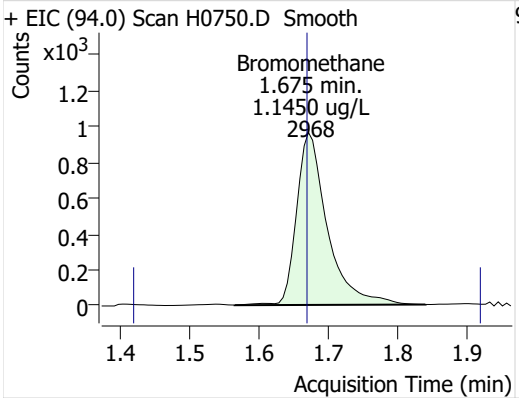
Vinyl Chloride

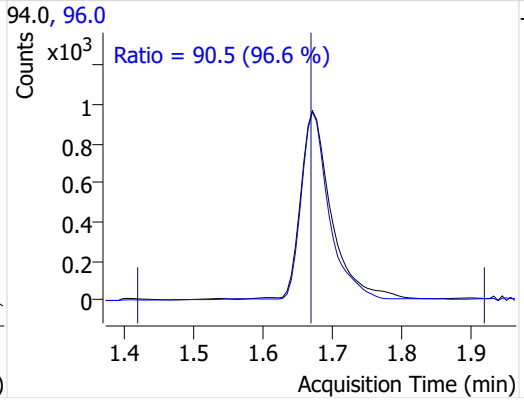


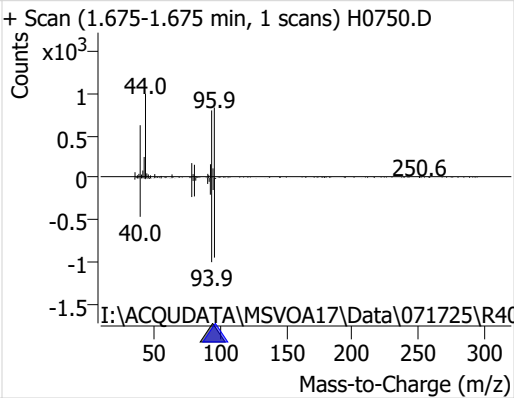




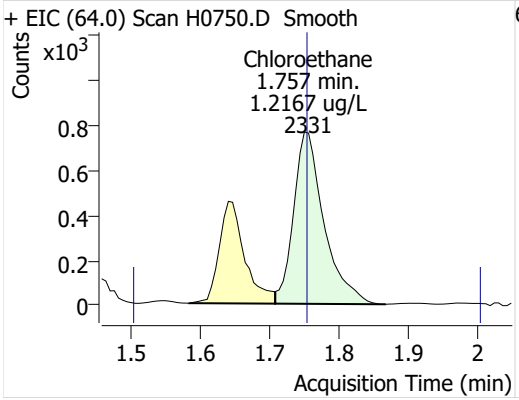
Bromomethane

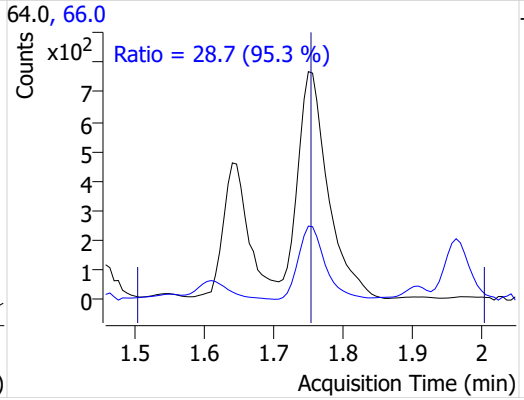


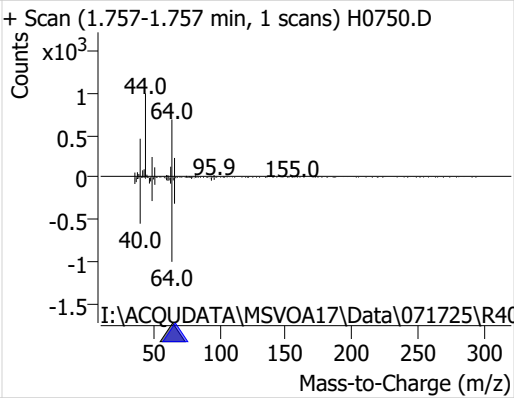




Chloroethane

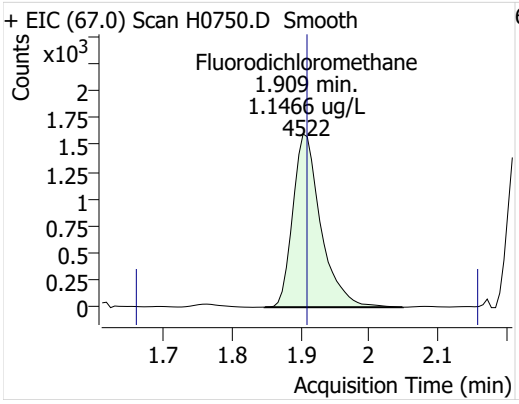


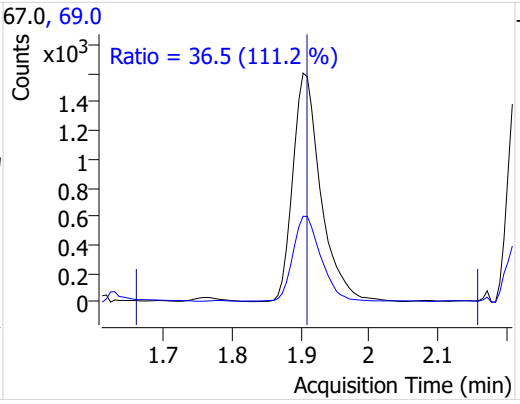


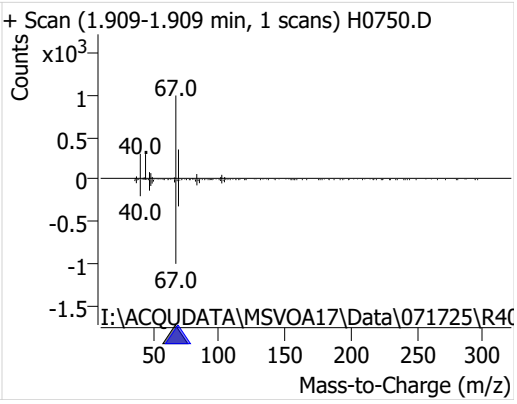


Masshunter Quantitative Analysis Sample Report

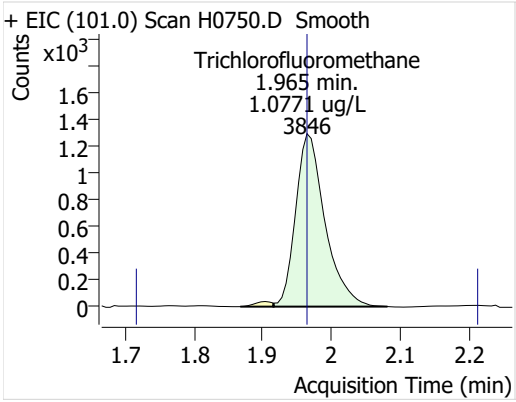
Fluorodichloromethane

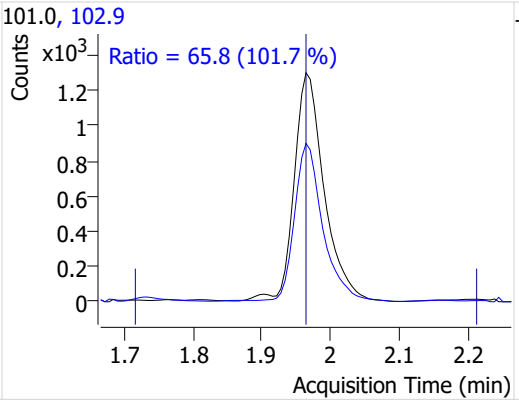


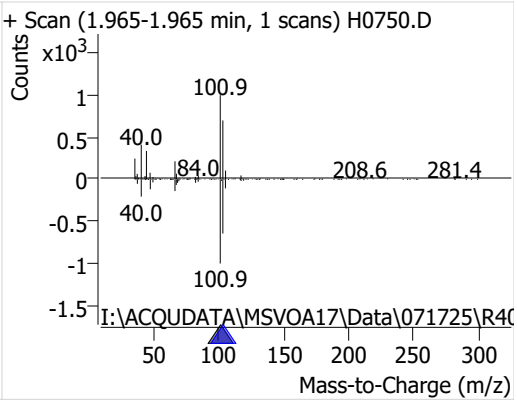




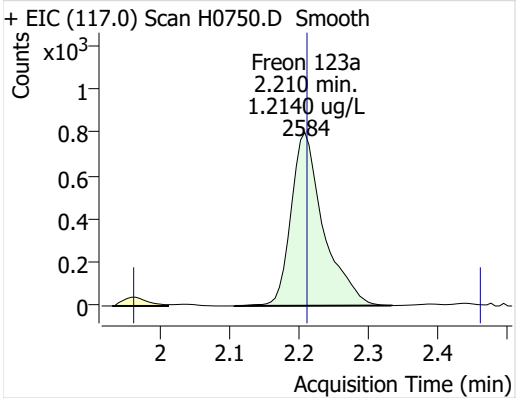
Trichlorofluoromethane

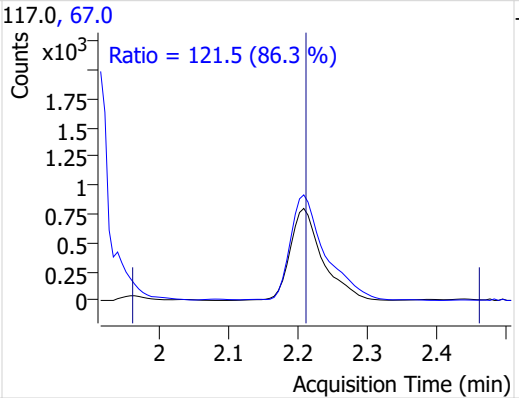


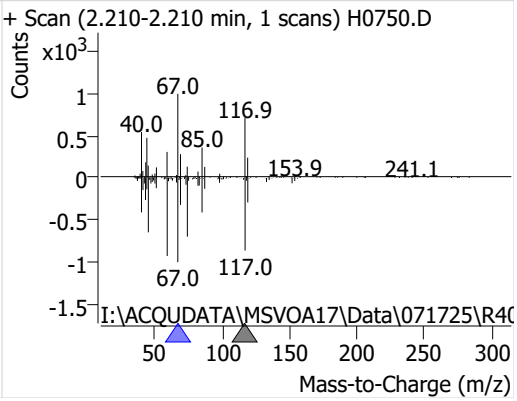




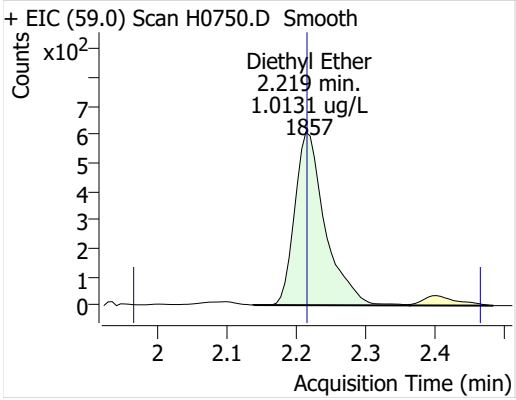
Freon 123a

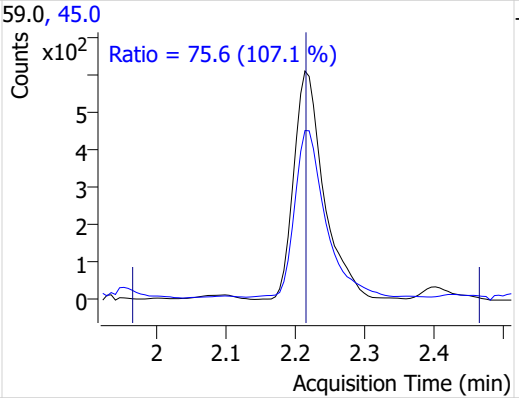


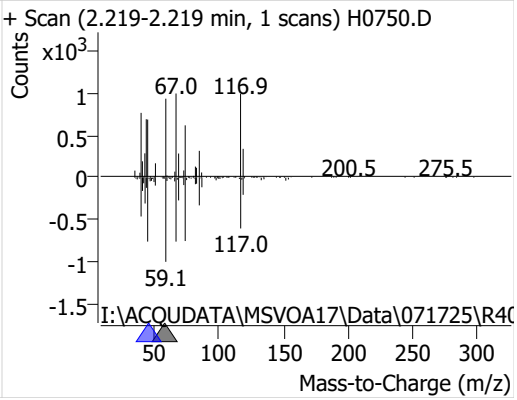




Diethyl Ether

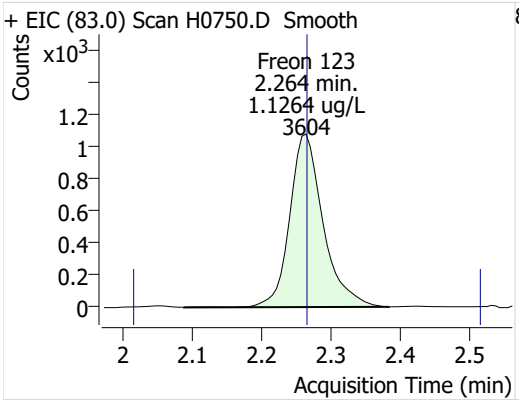


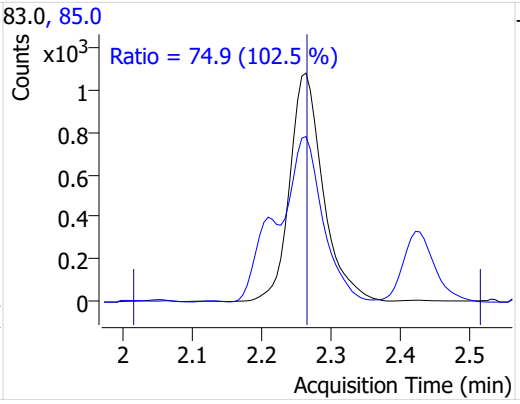


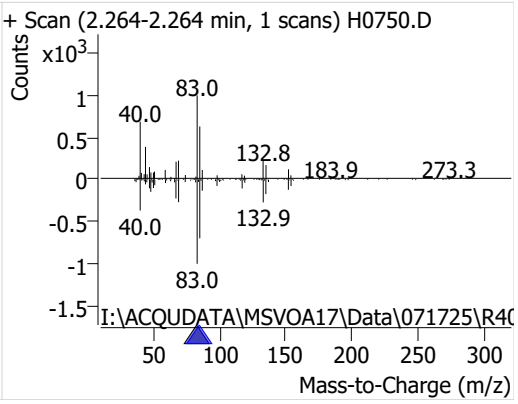


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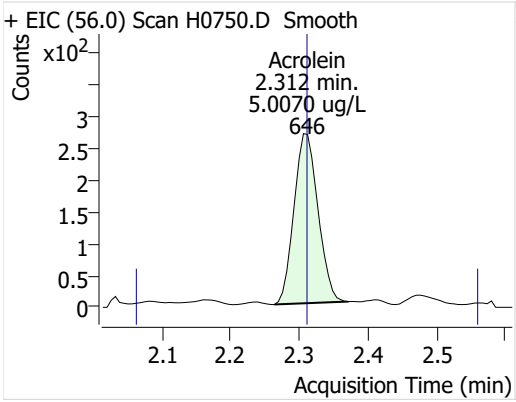
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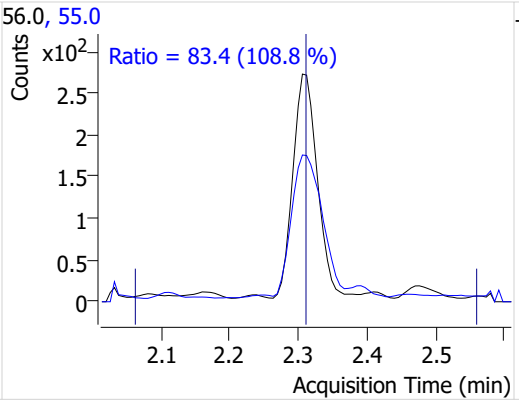


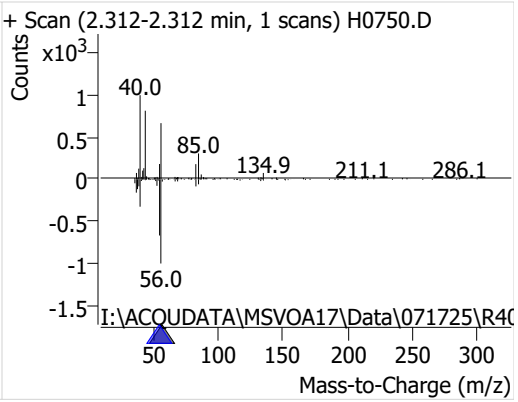




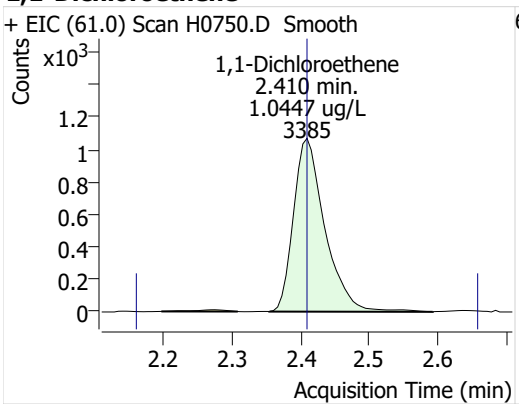
Acrolein

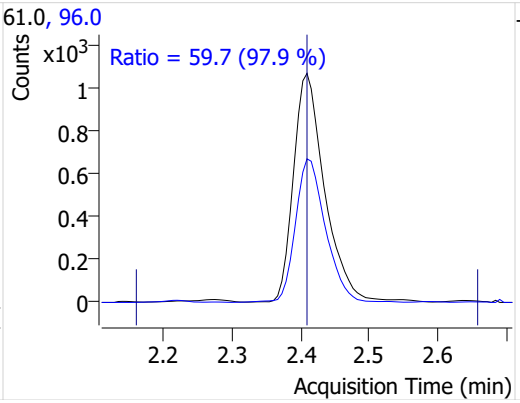


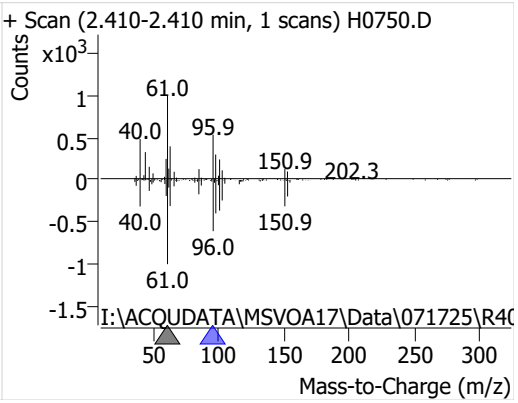




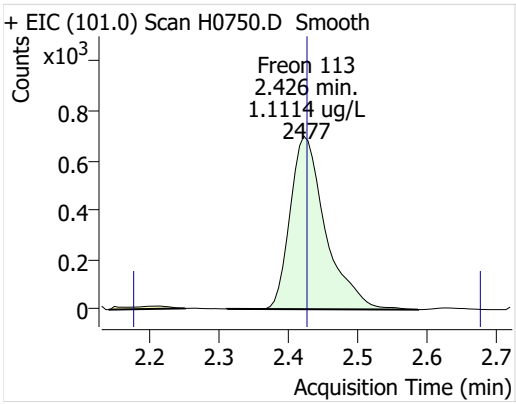
1,1-Dichloroethene

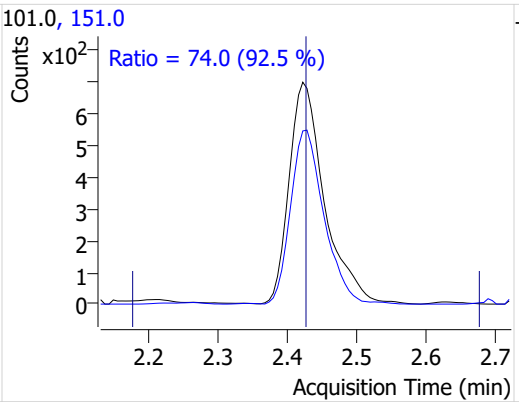


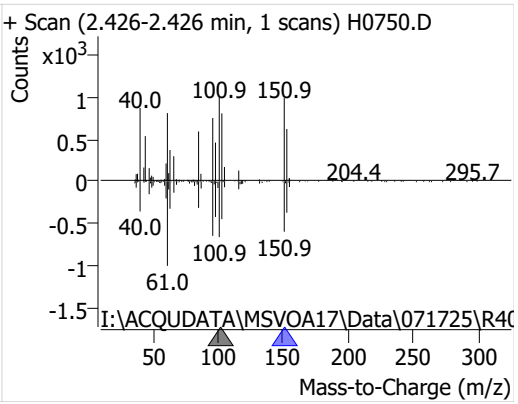




Freon 113

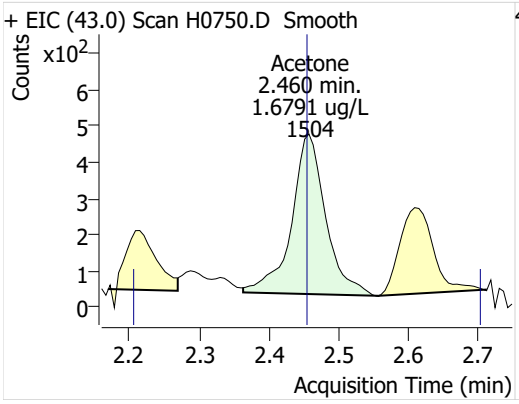


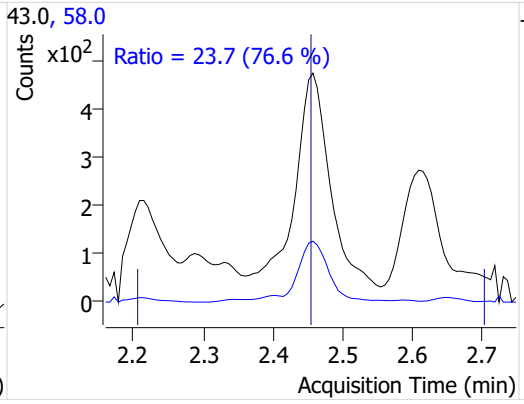


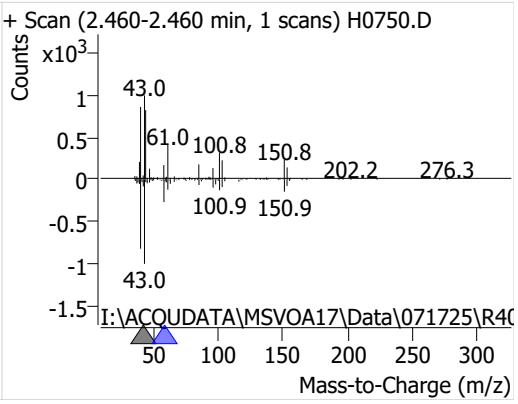


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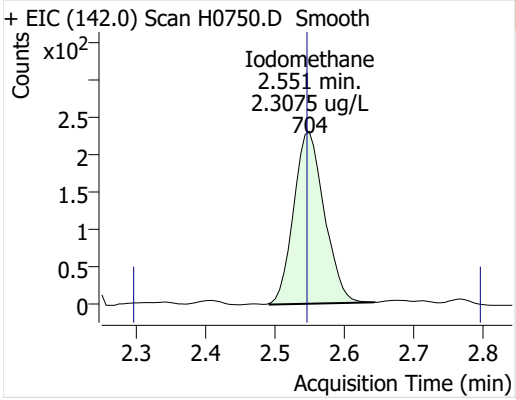
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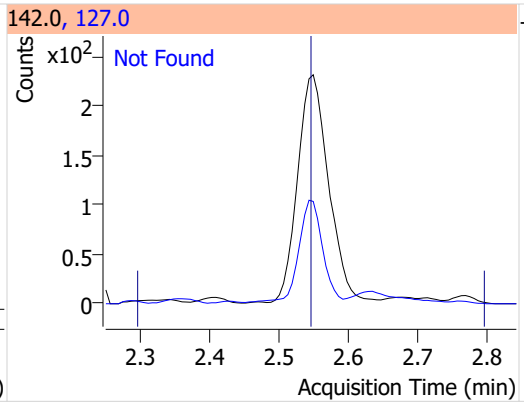


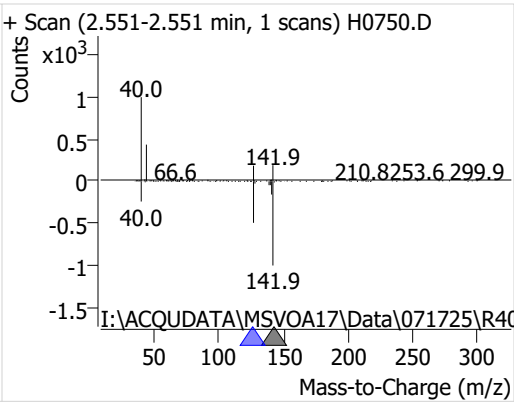




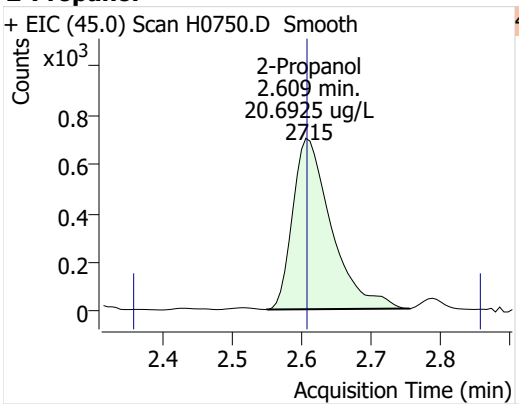
Iodomethane

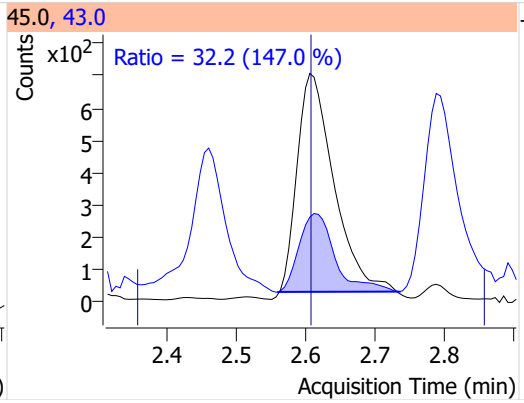


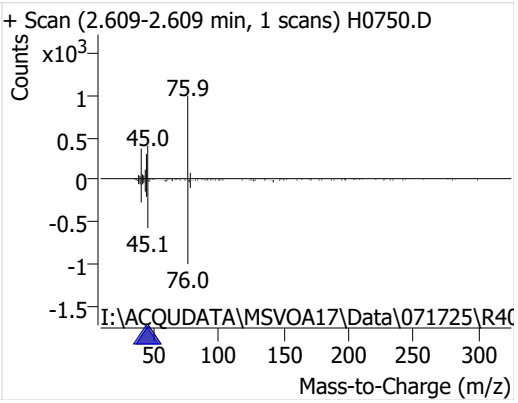




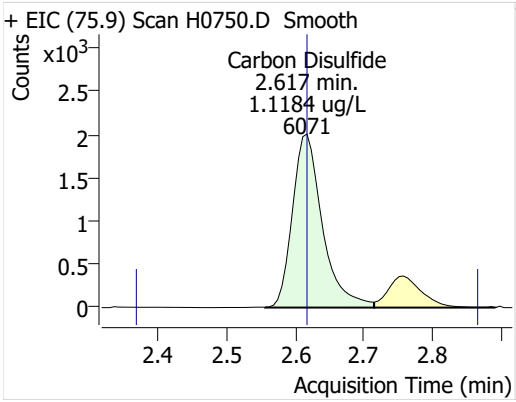
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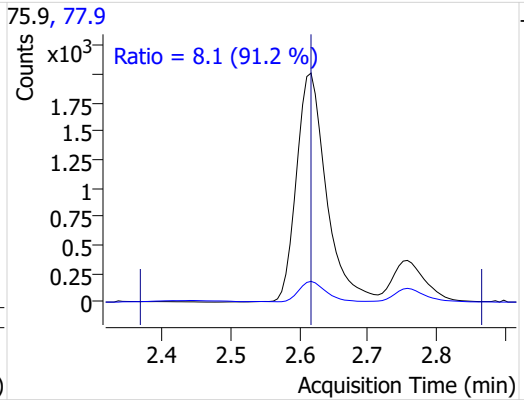


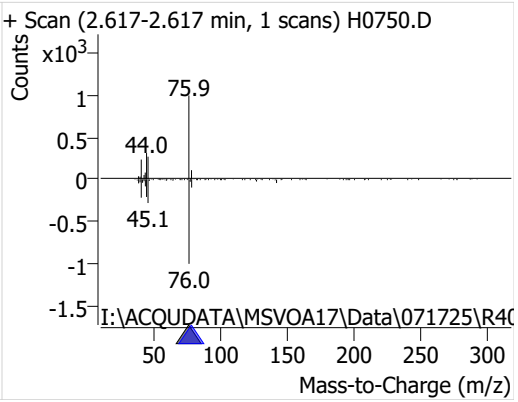




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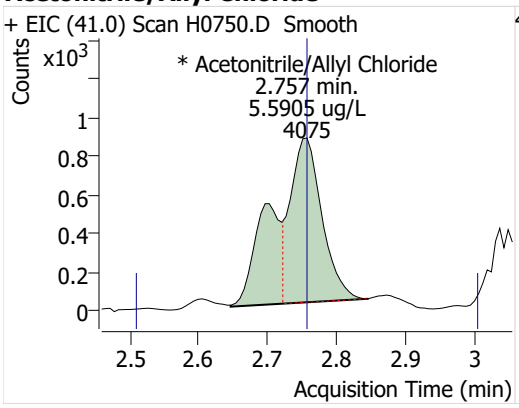


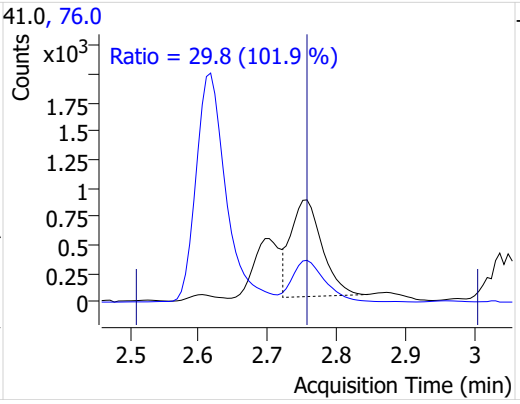


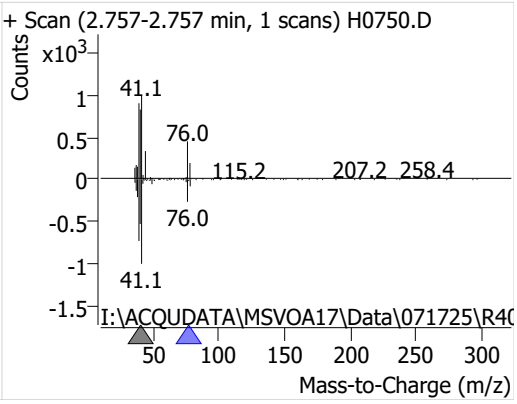


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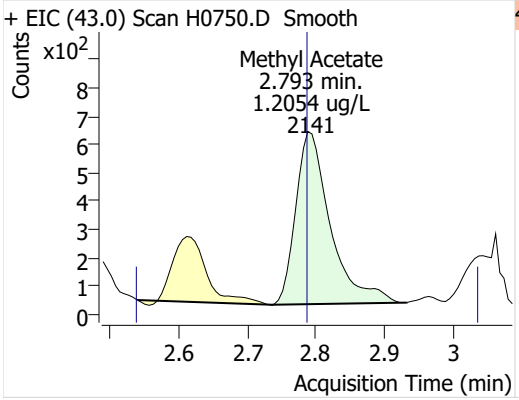
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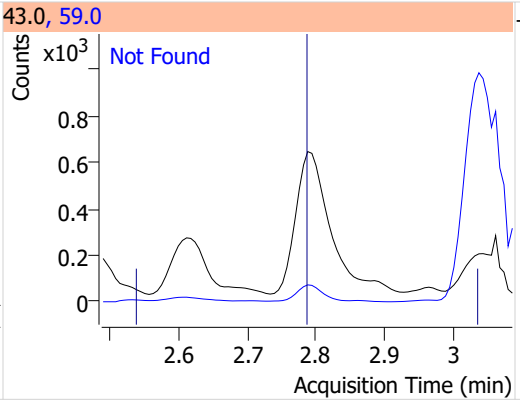


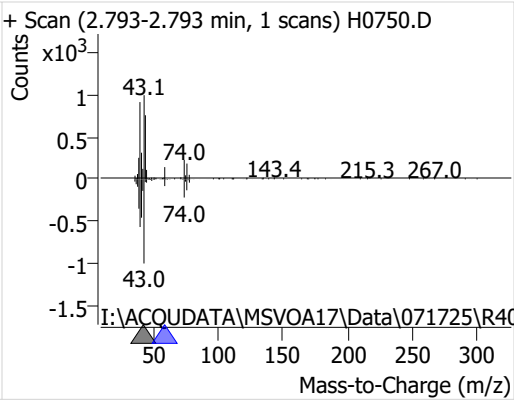




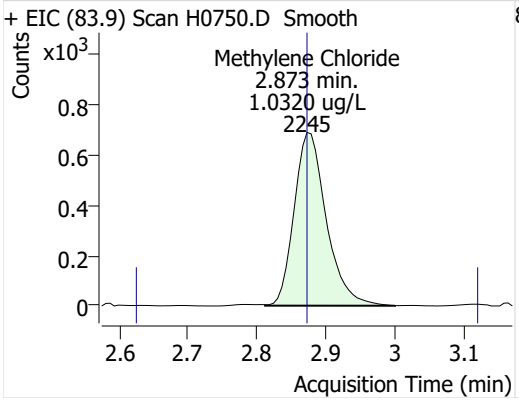
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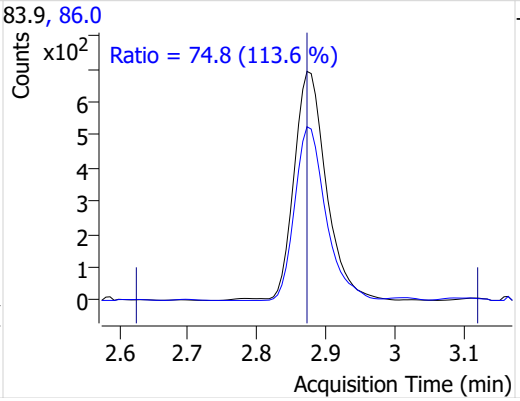


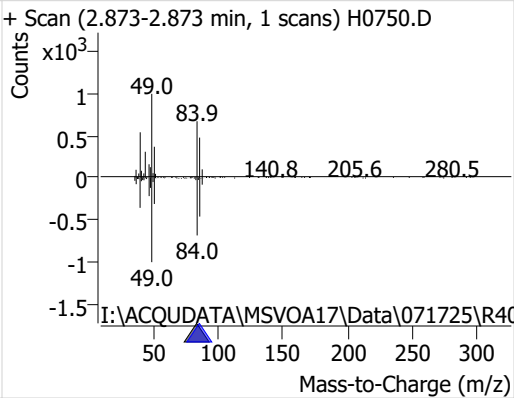




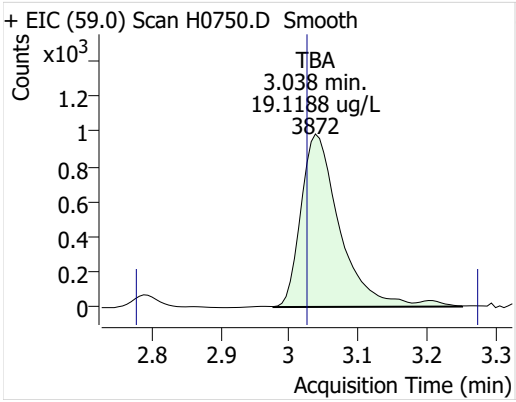
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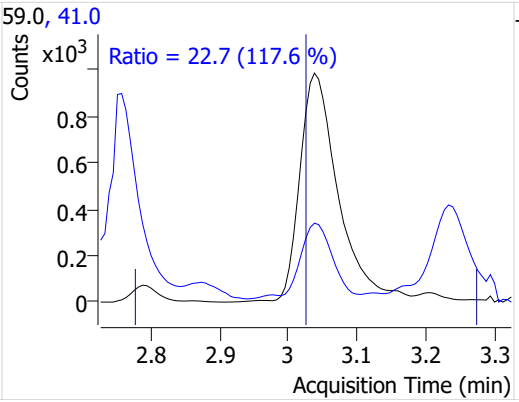


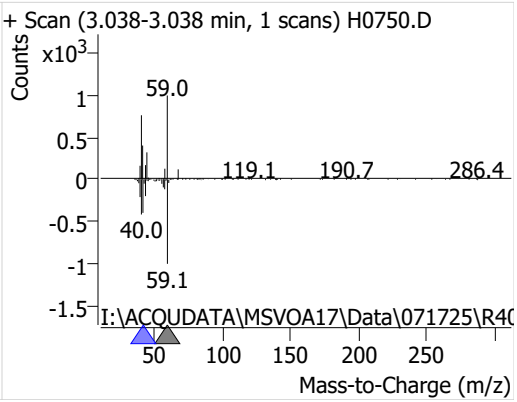




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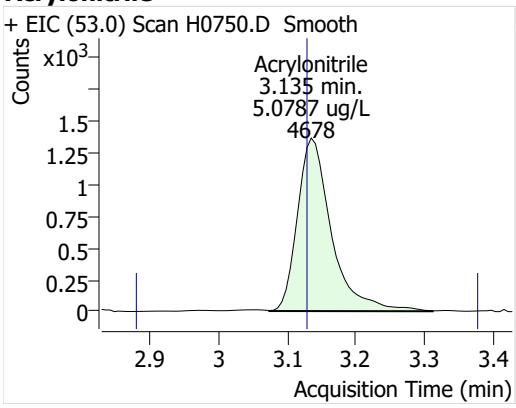


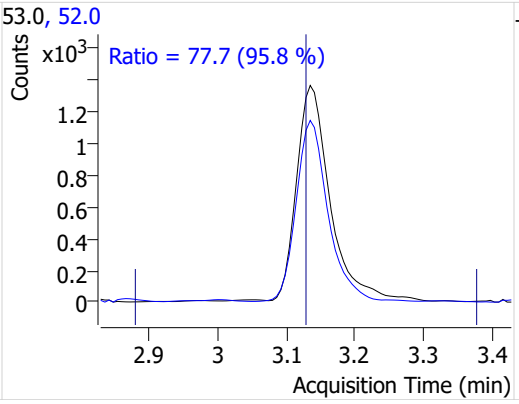


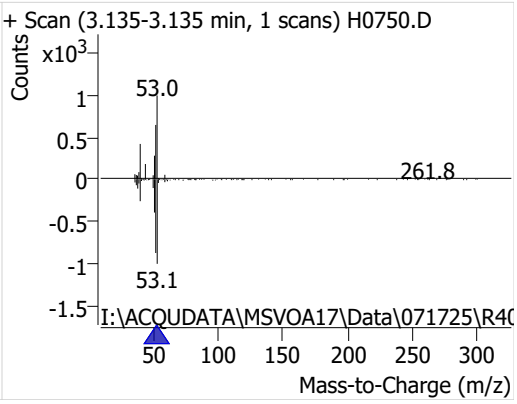


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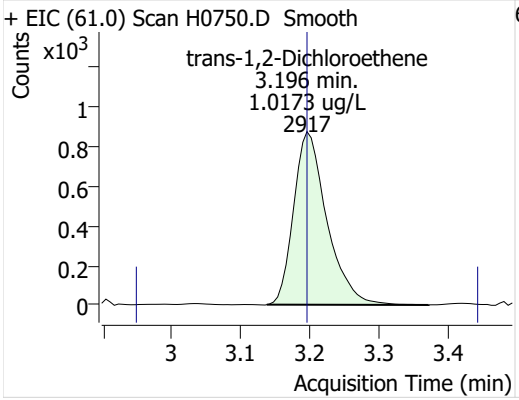
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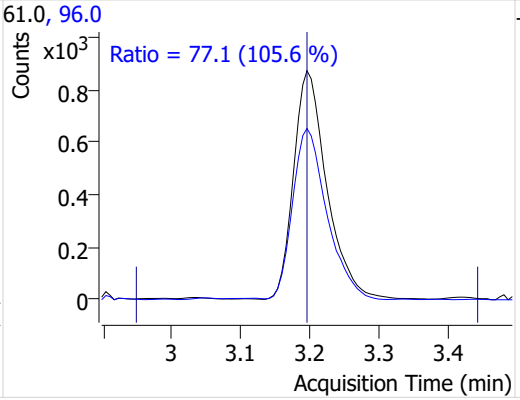


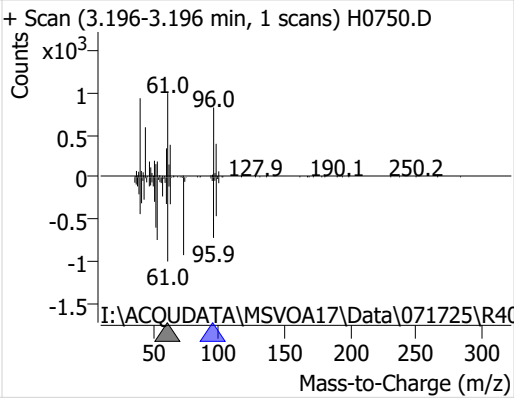




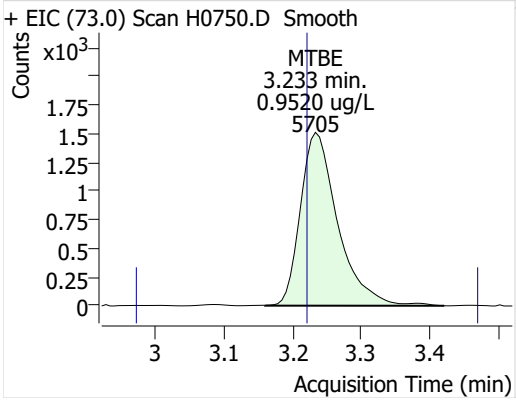
trans-1,2-Dichloroethene

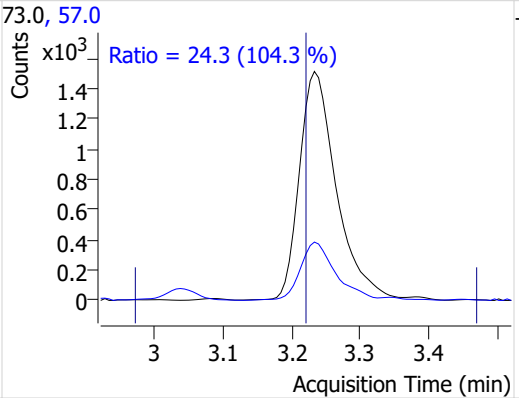


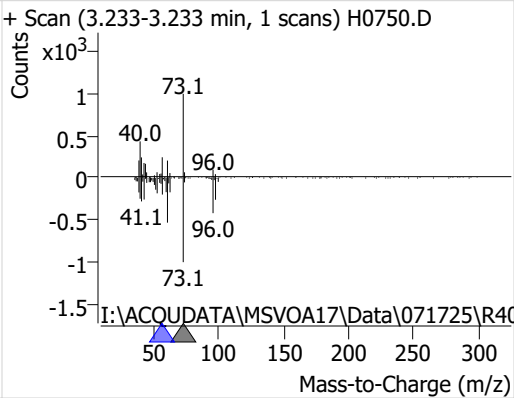




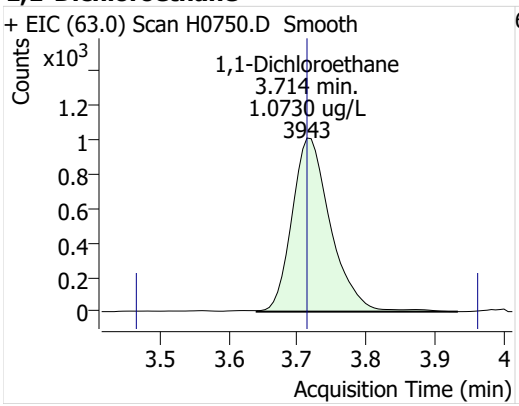
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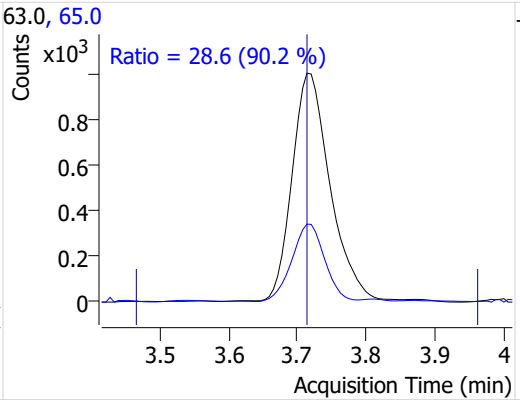


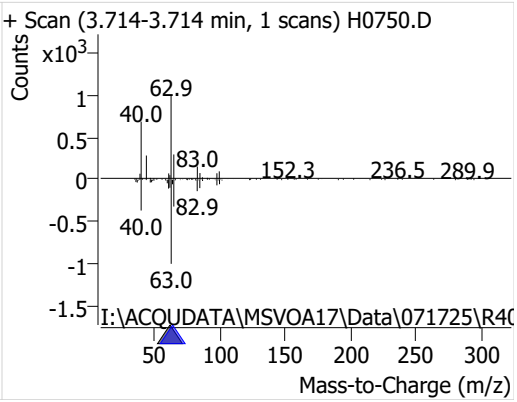




1,1-Dichloroethane

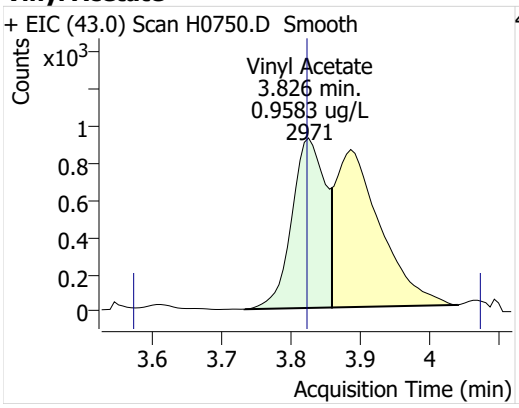


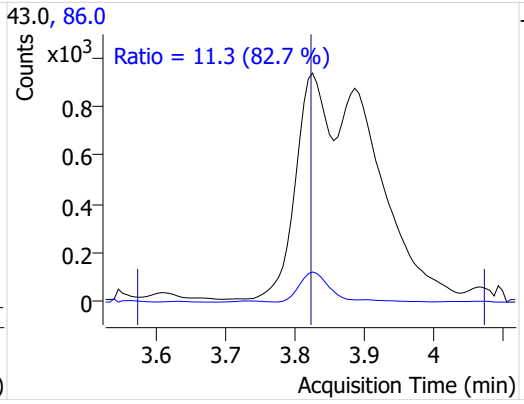


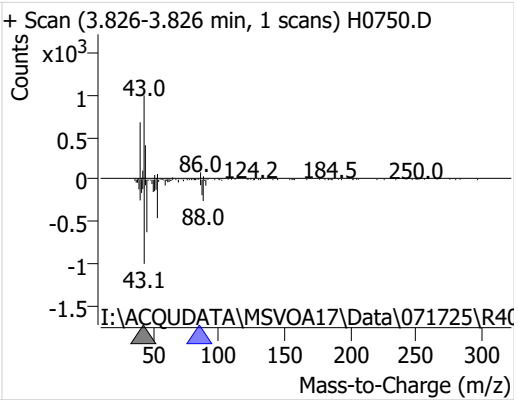


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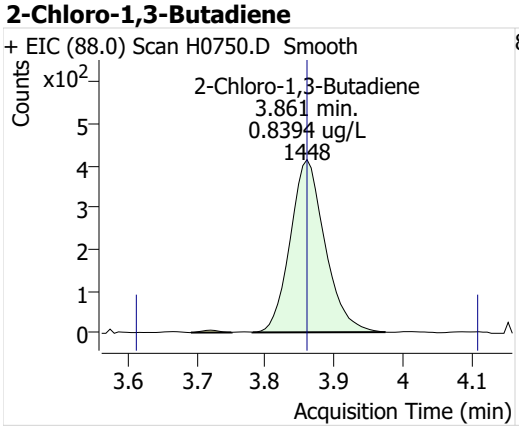
Vinyl Acetate

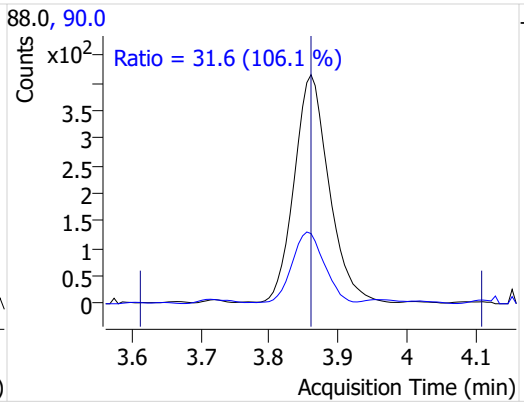


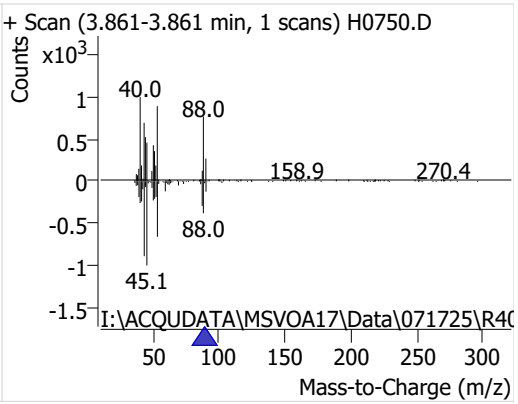




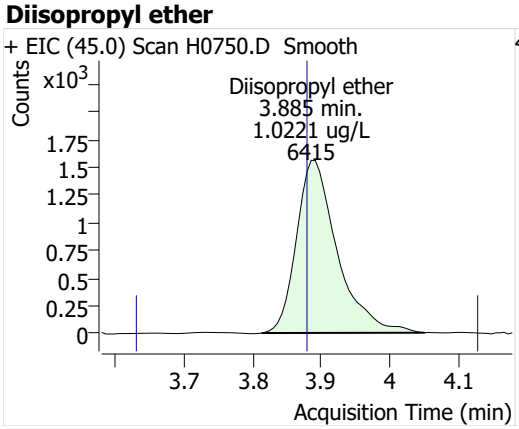
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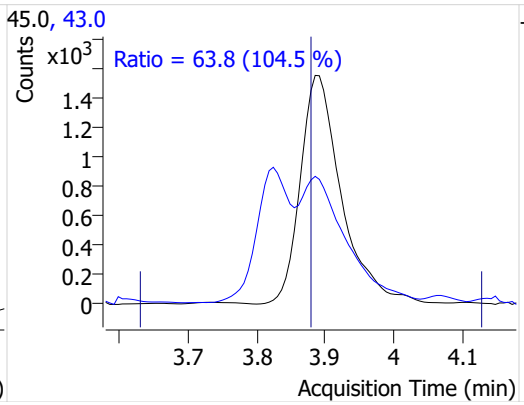


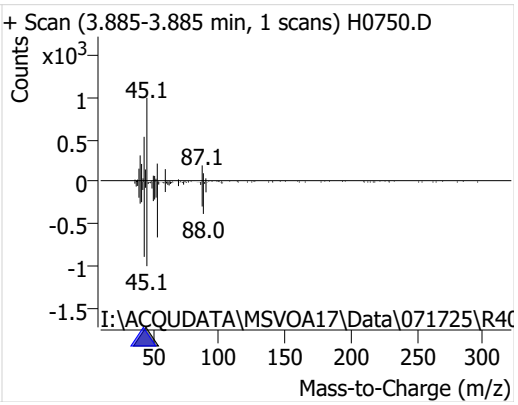




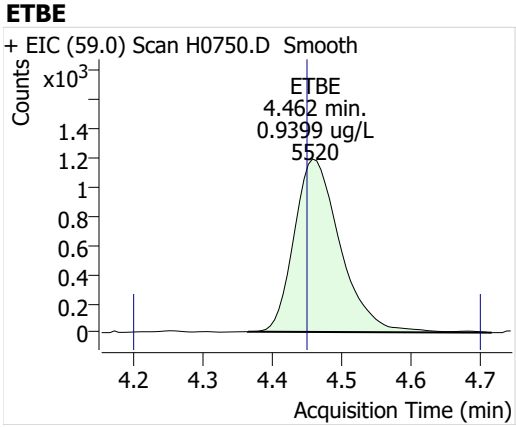
Diisopropyl ether

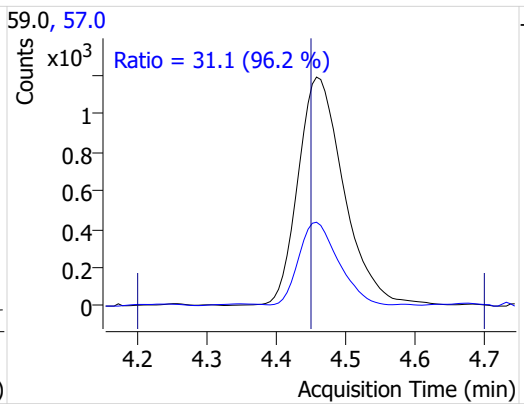


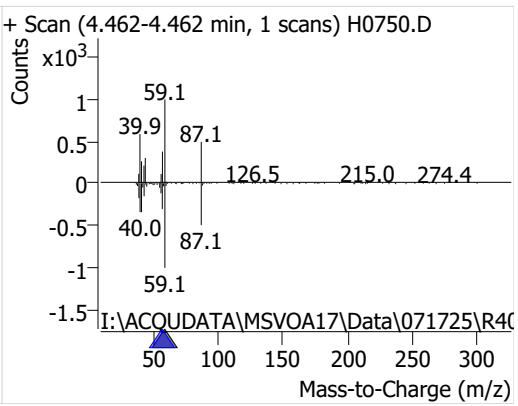




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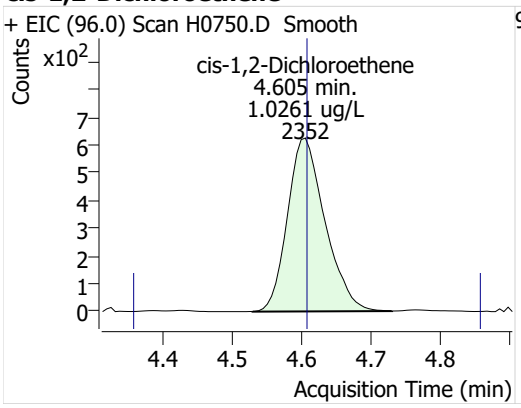


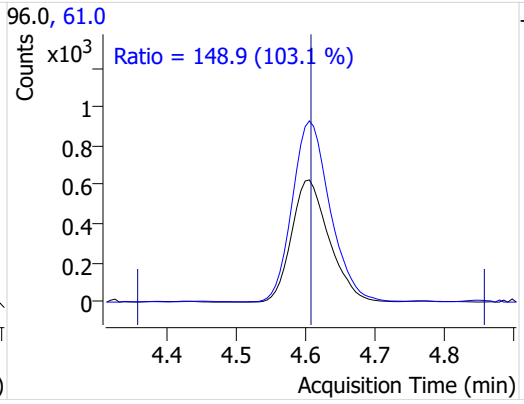


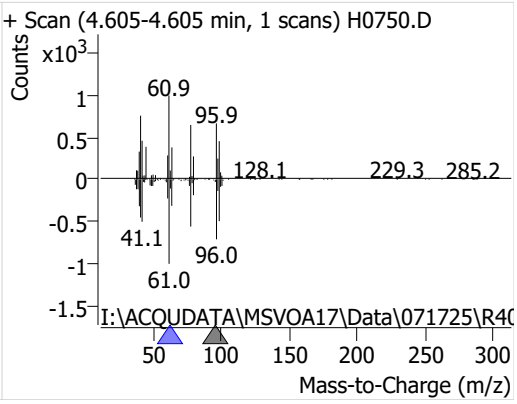


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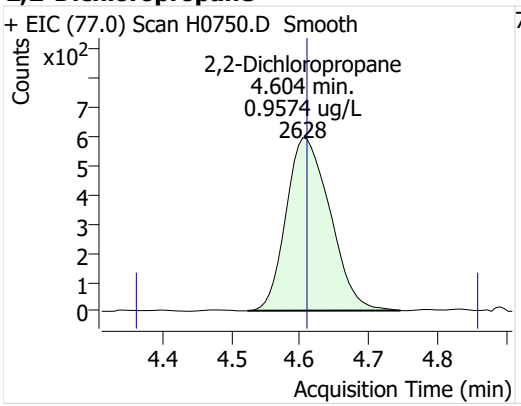
cis-1,2-Dichloroethene

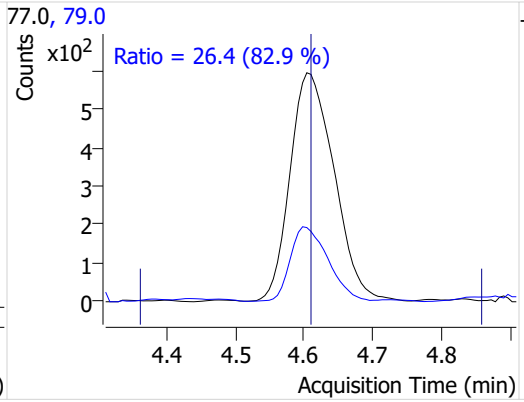


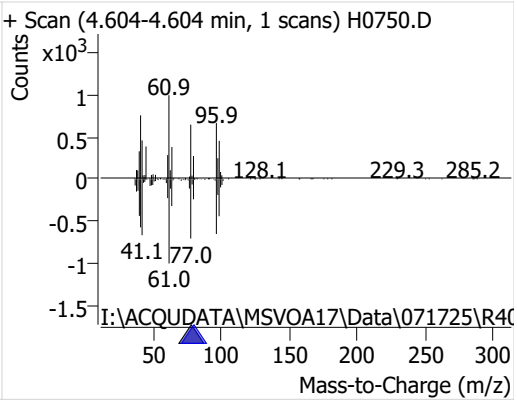




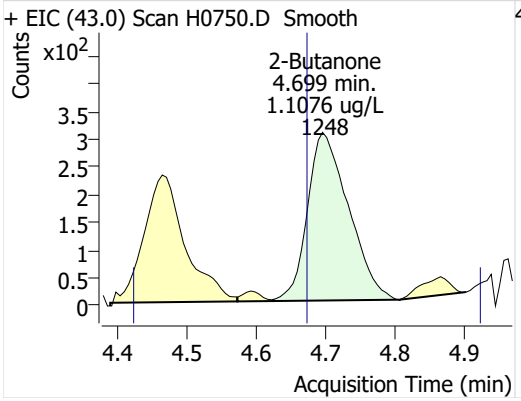
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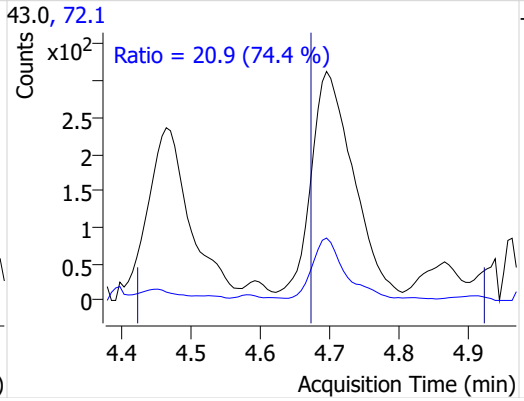


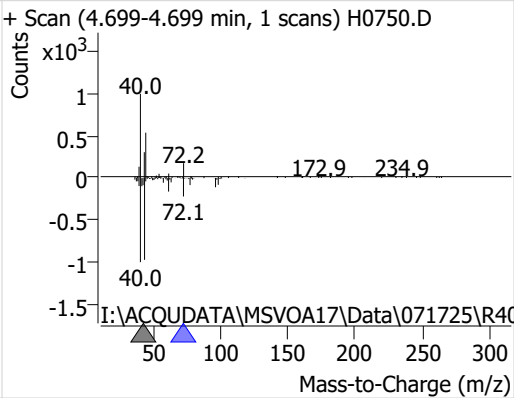




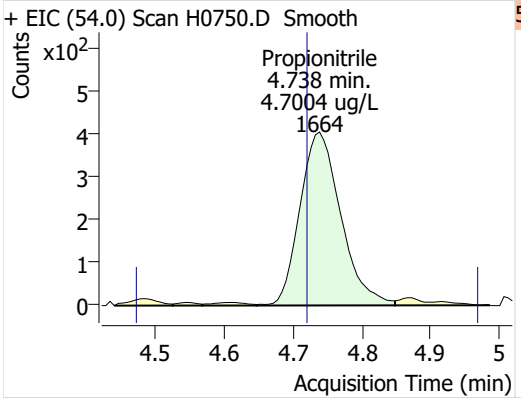
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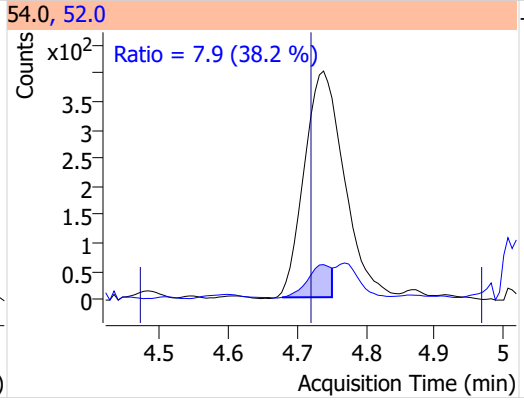


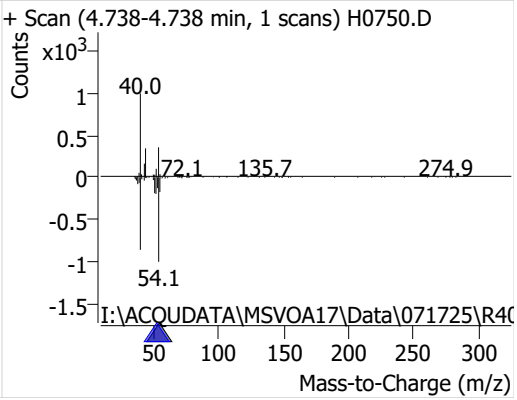




Propionitrile

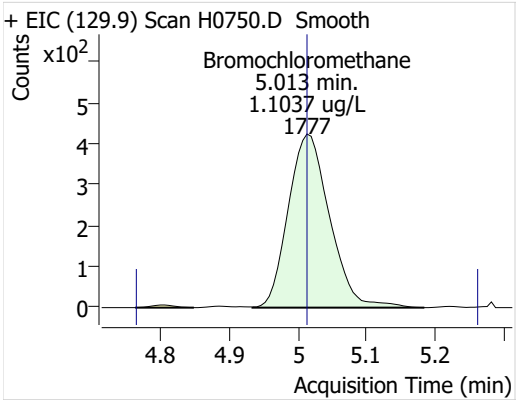


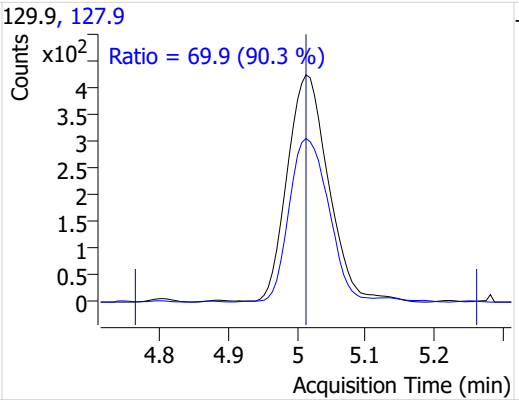


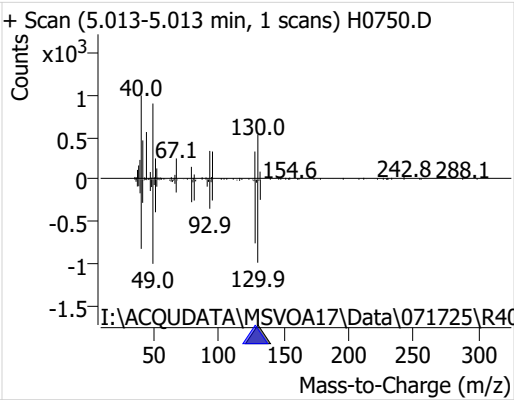


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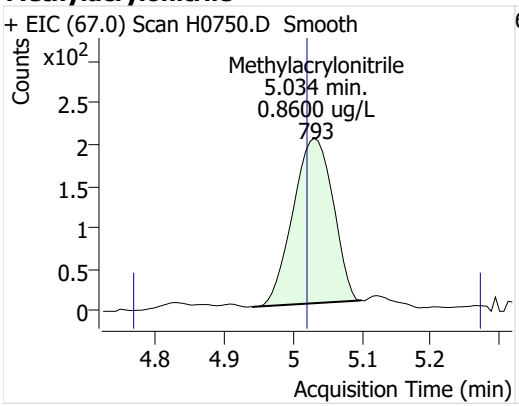
Bromochloromethane

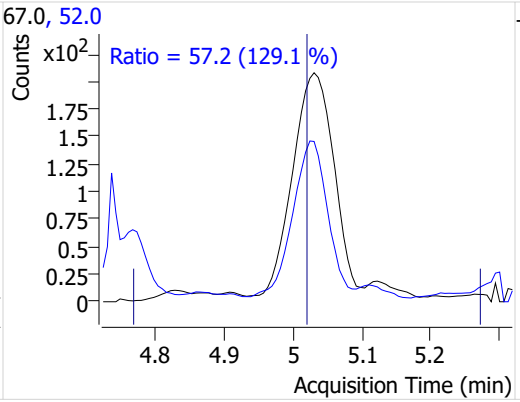


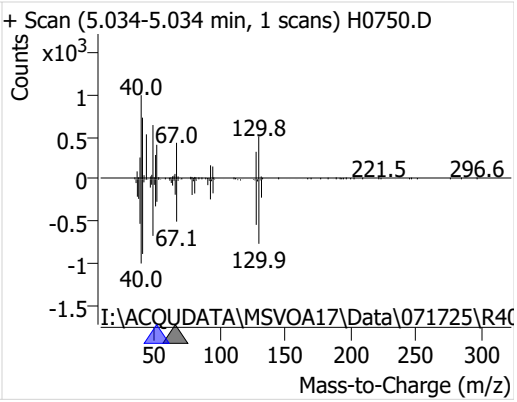




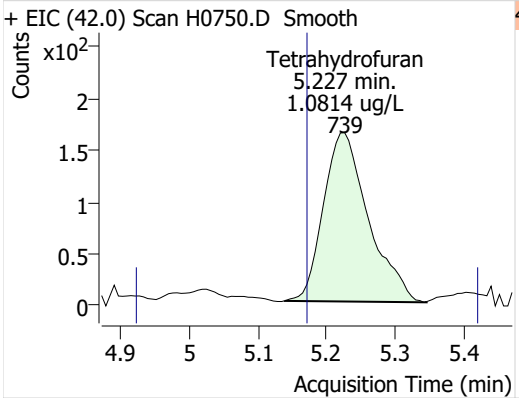
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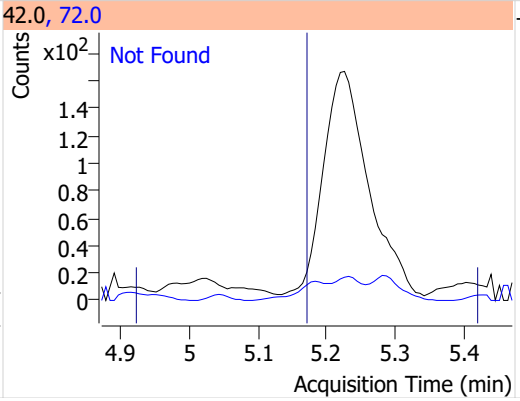


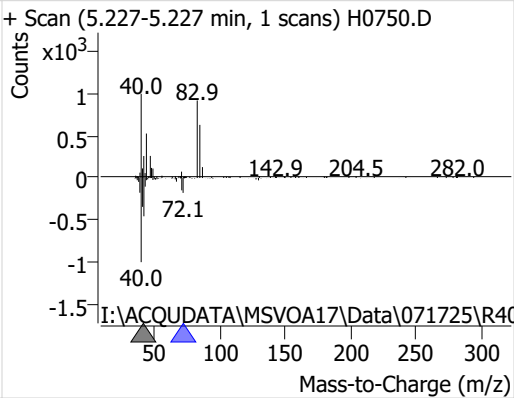




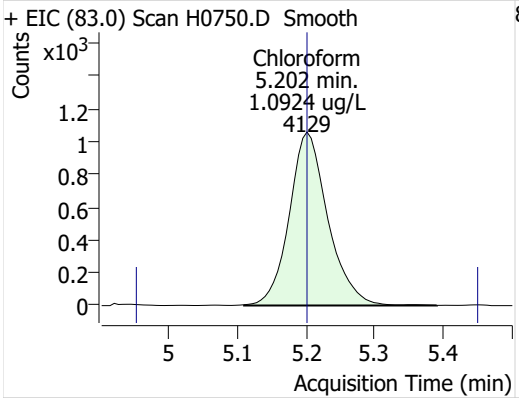
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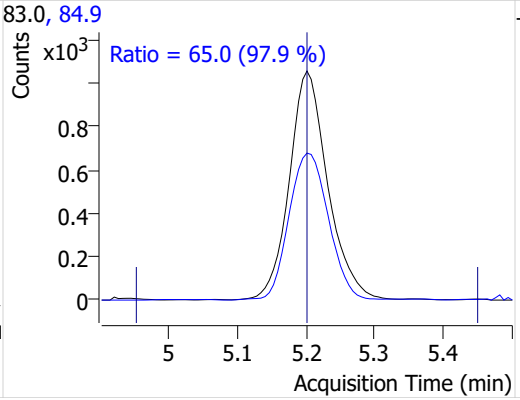


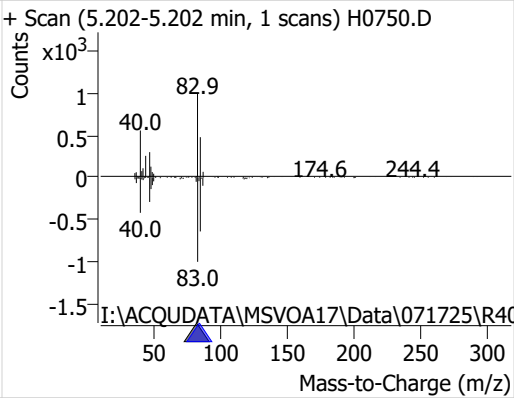




Chloroform

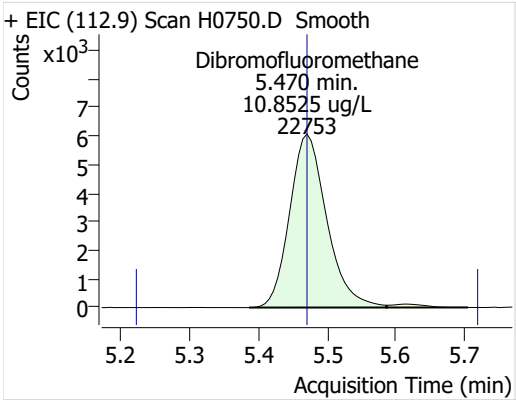


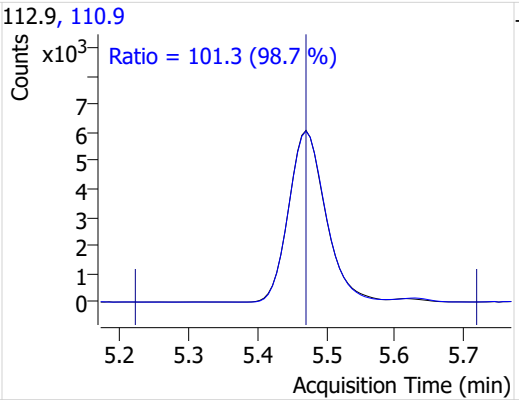


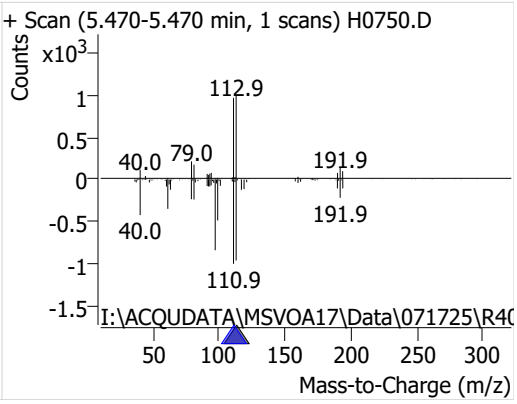


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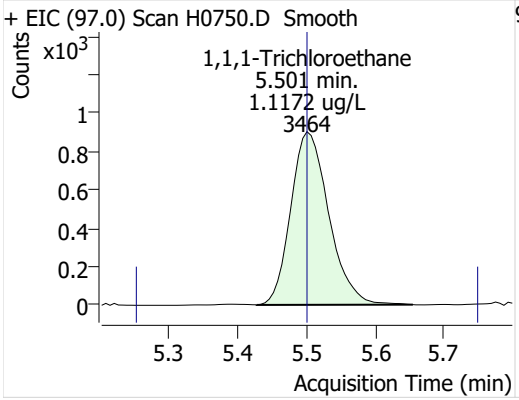
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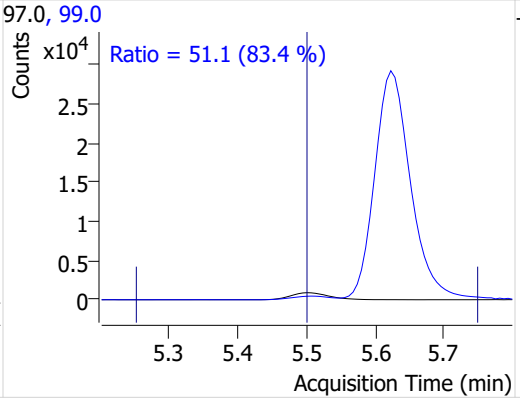


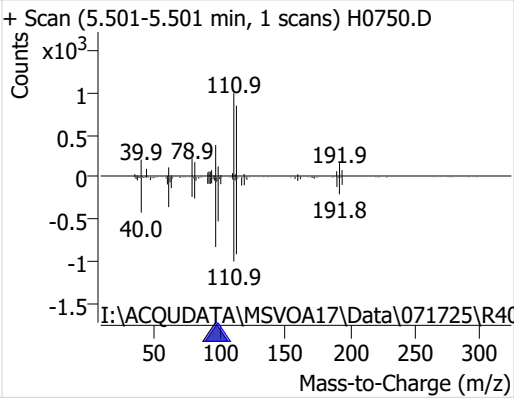




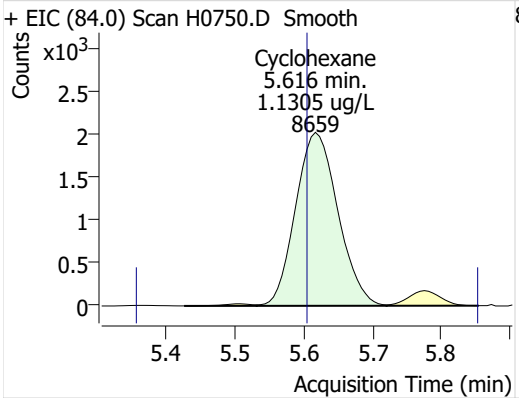
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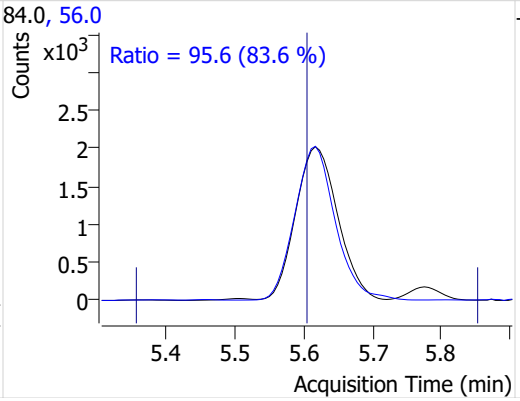


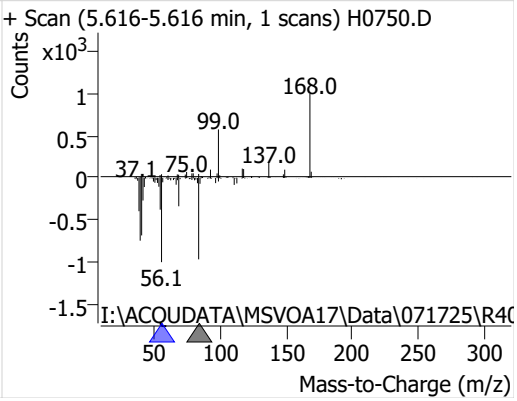




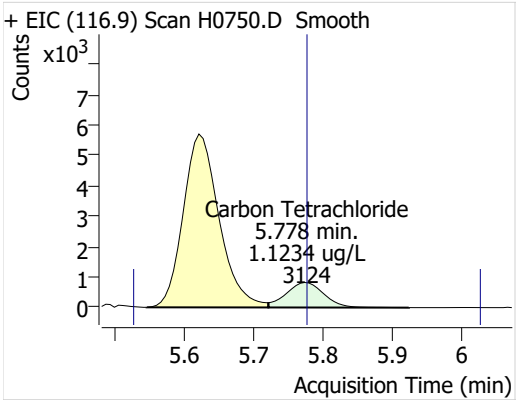
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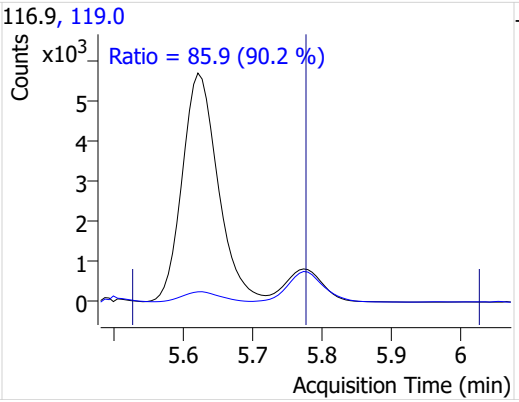


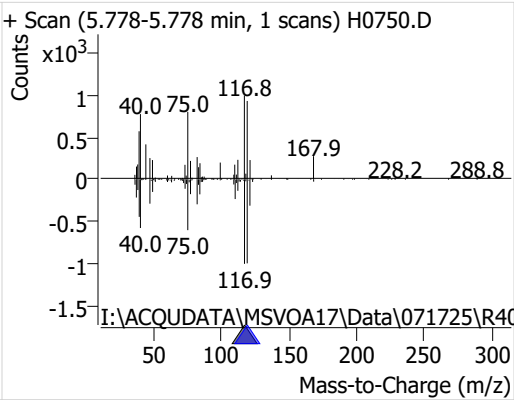




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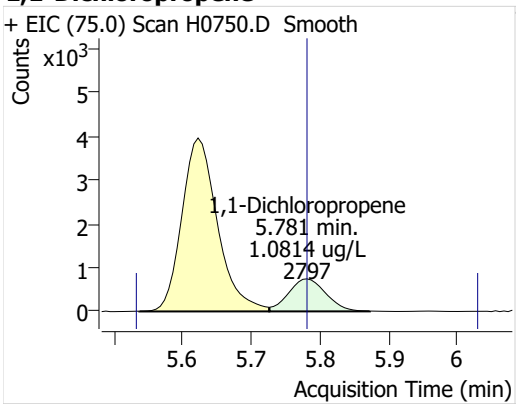


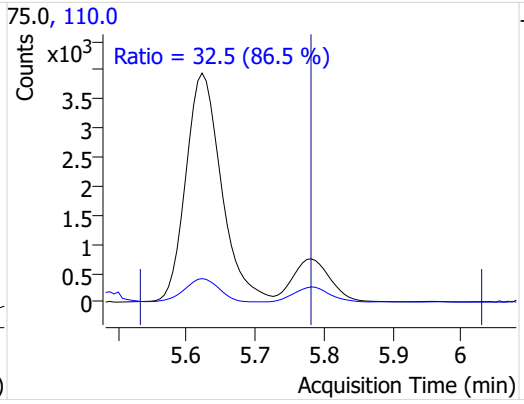


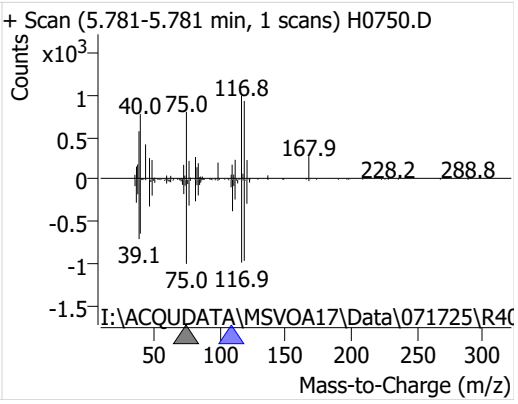


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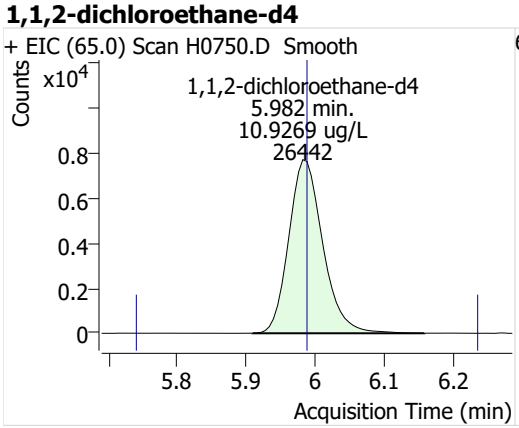
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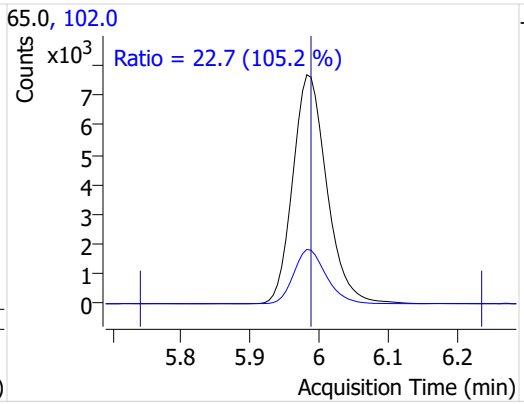


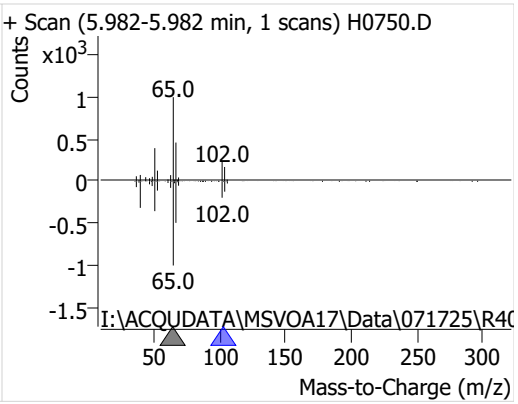




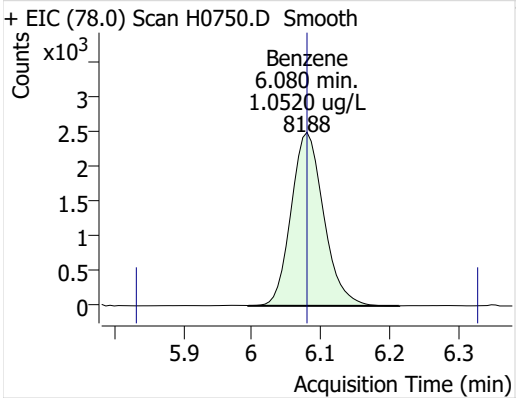
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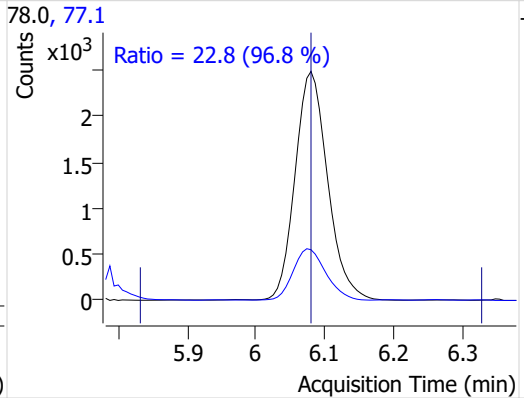


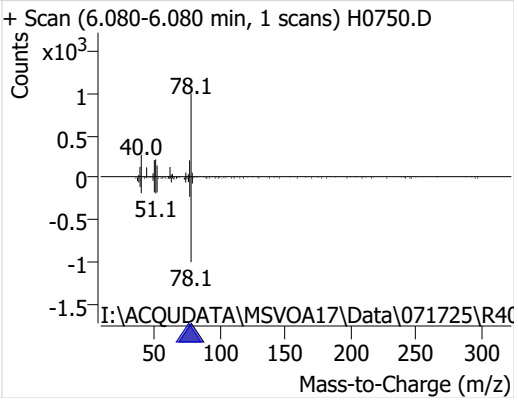




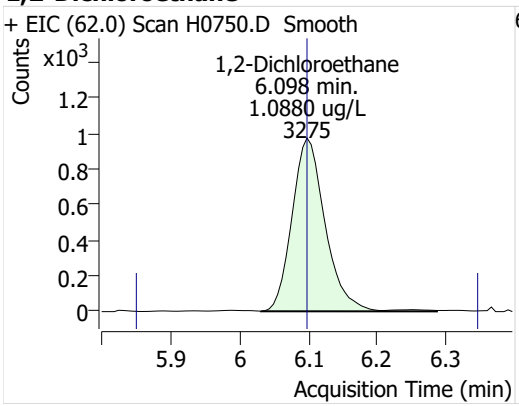
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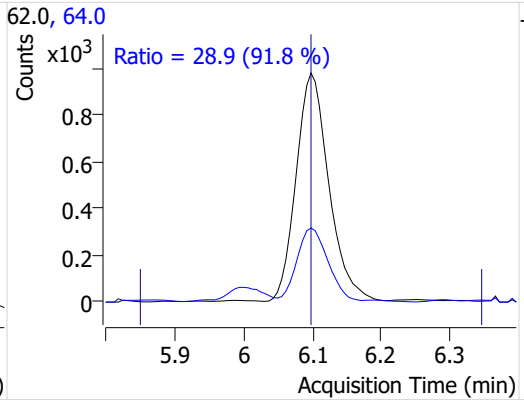


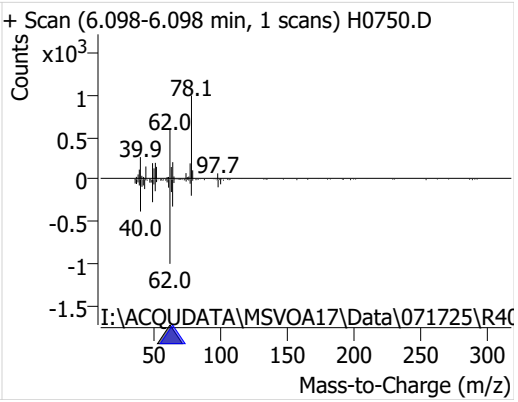




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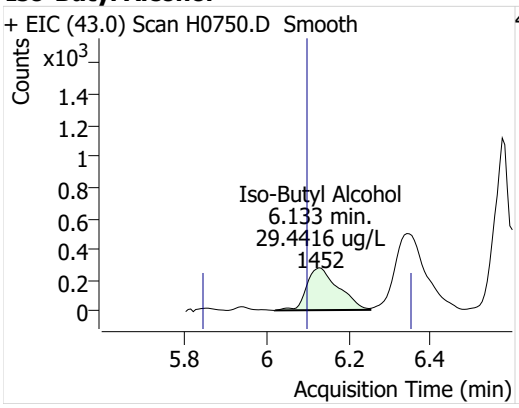


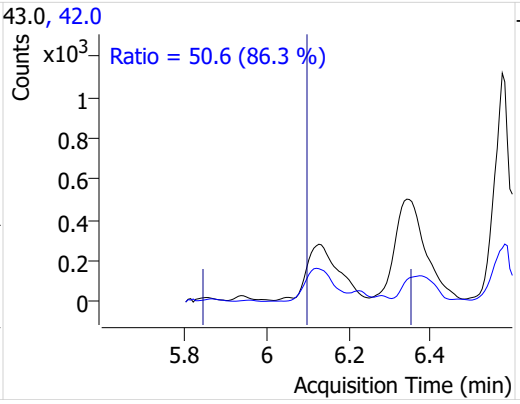


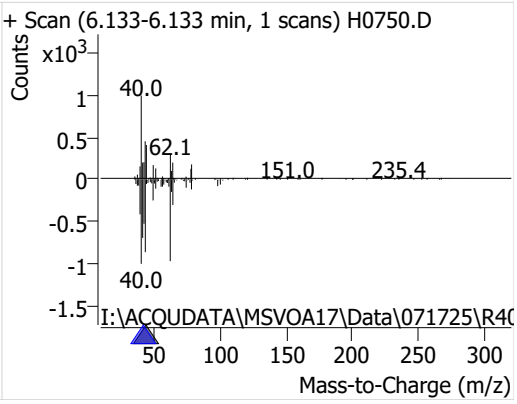


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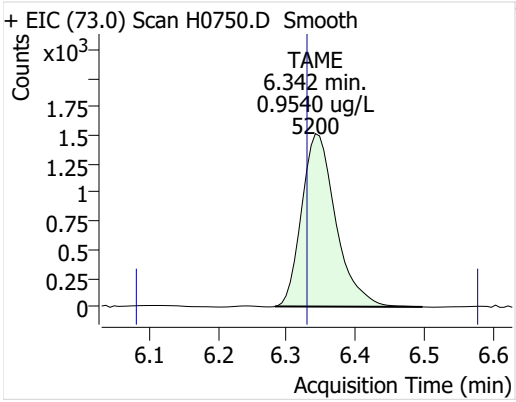
Iso-Butyl Alcohol

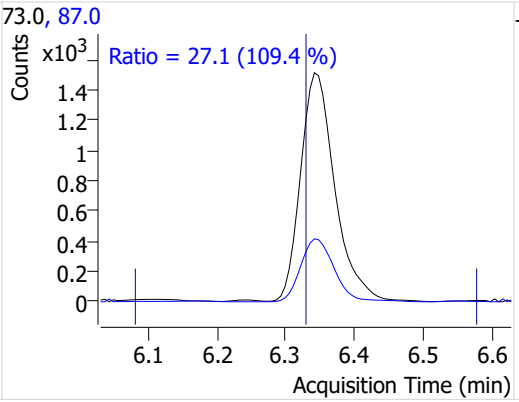


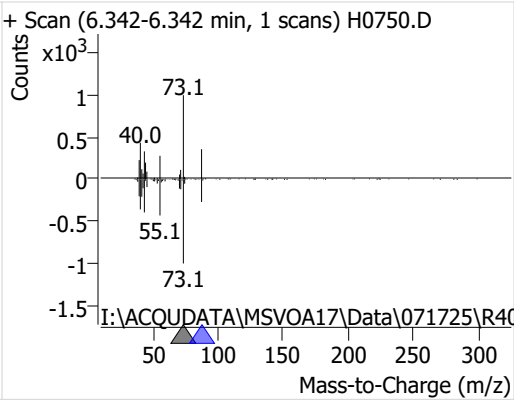




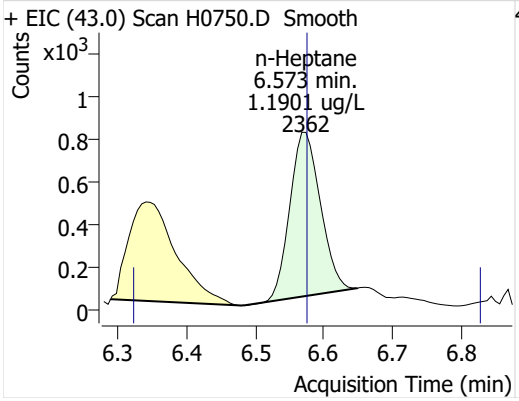
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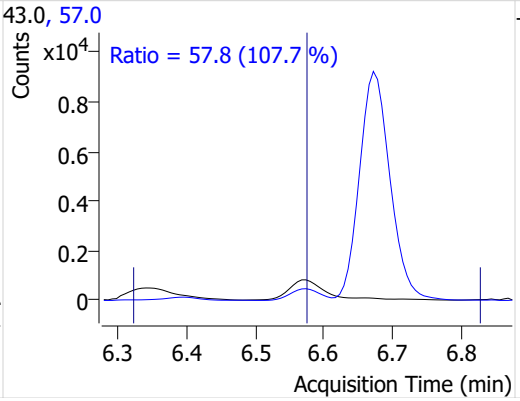


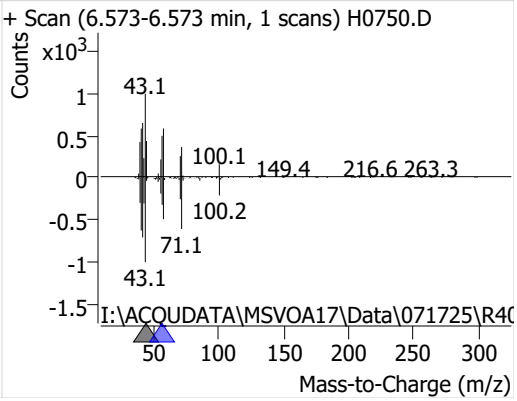




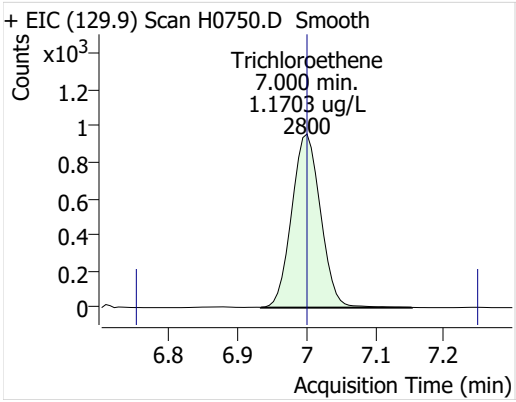
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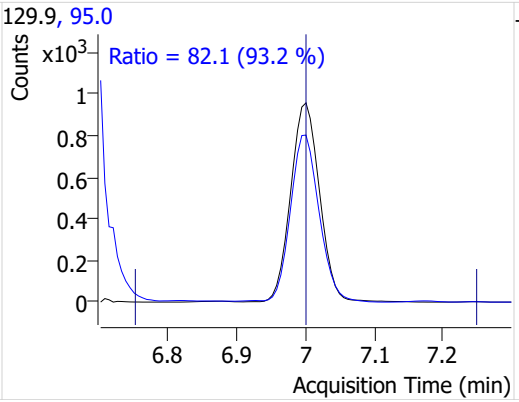


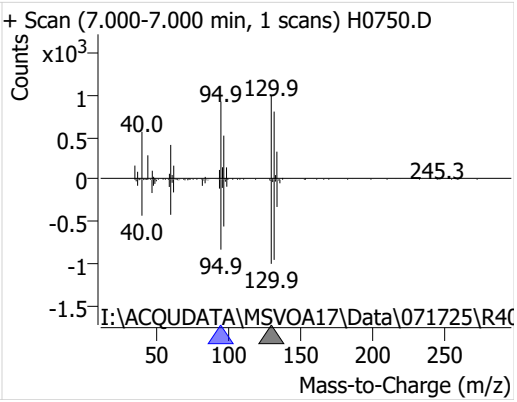




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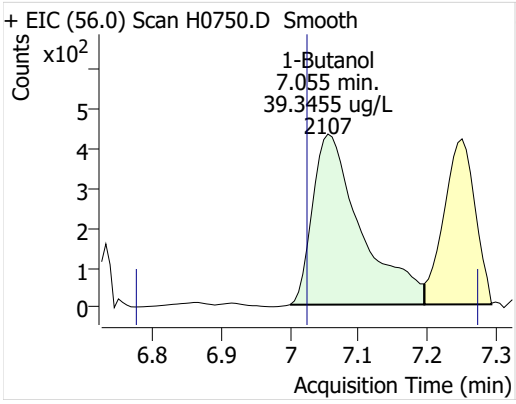


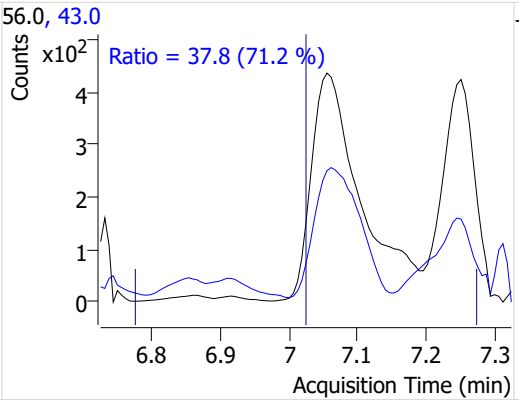


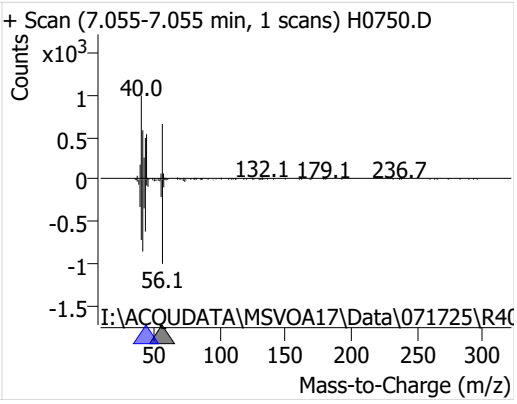


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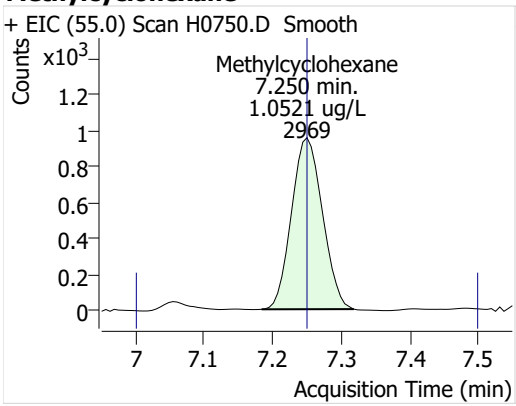
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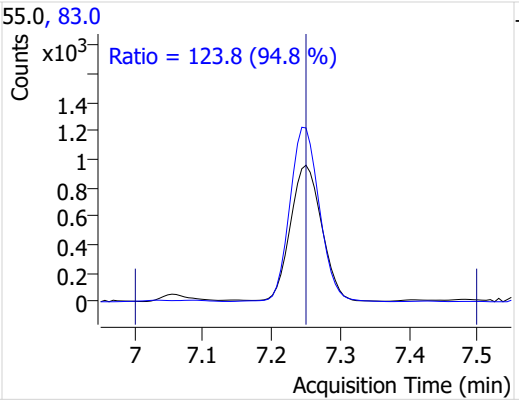


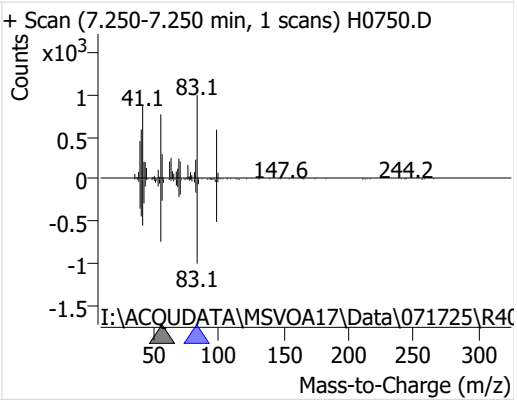




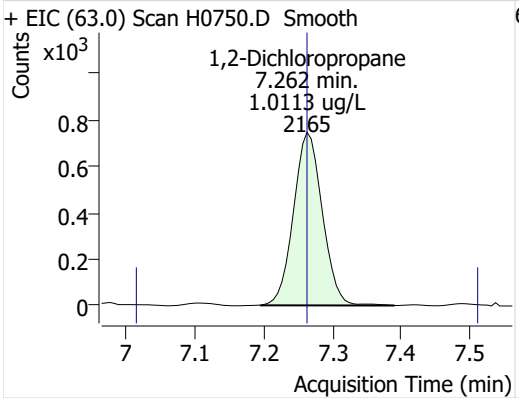
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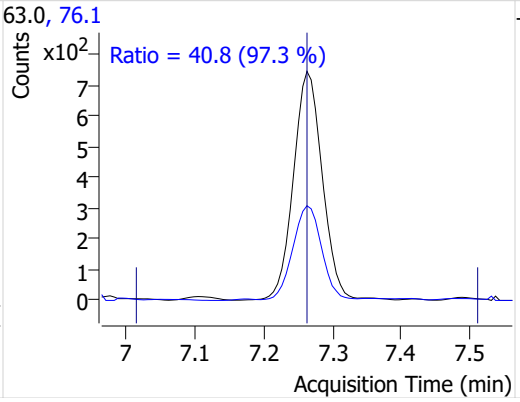


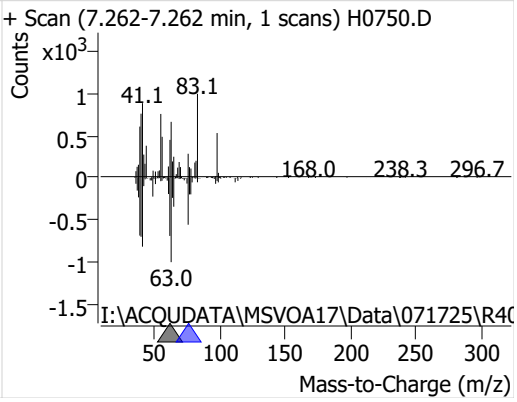




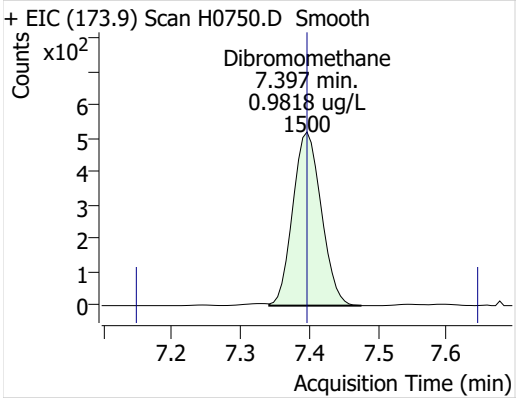
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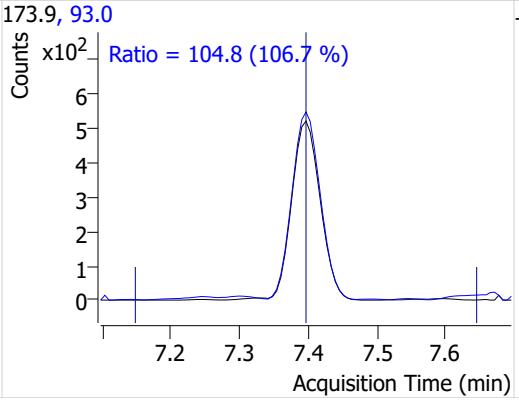


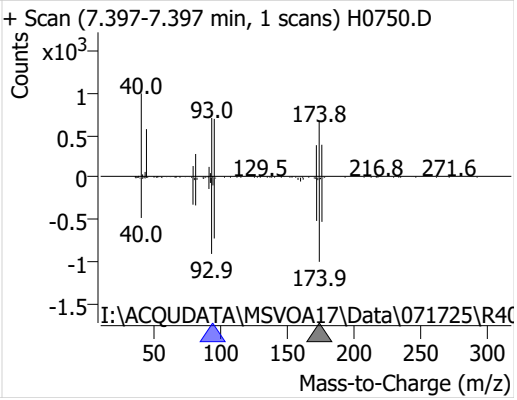




Dibromomethane

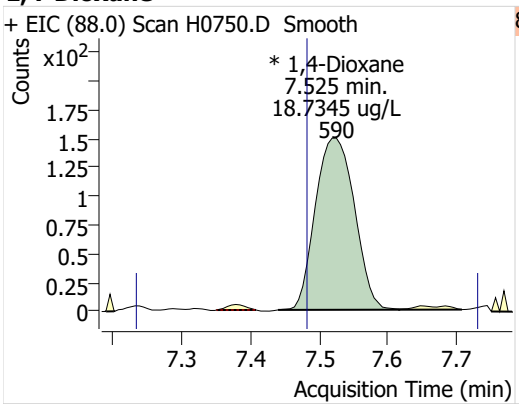


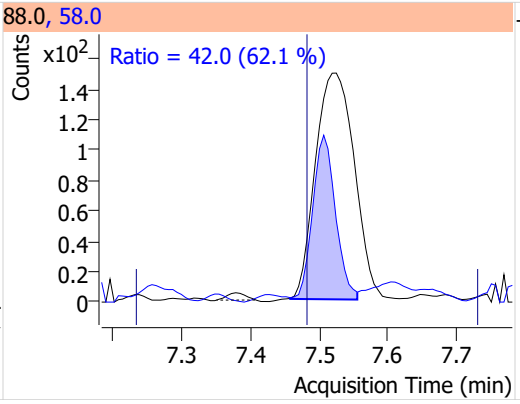


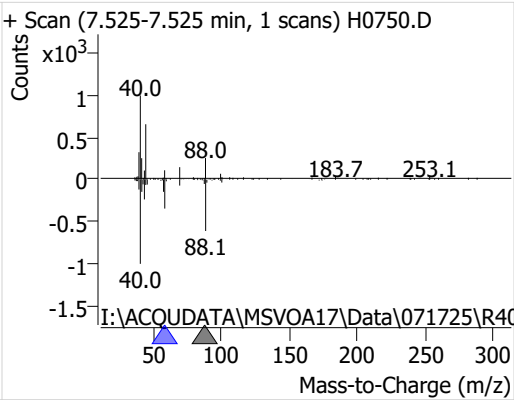


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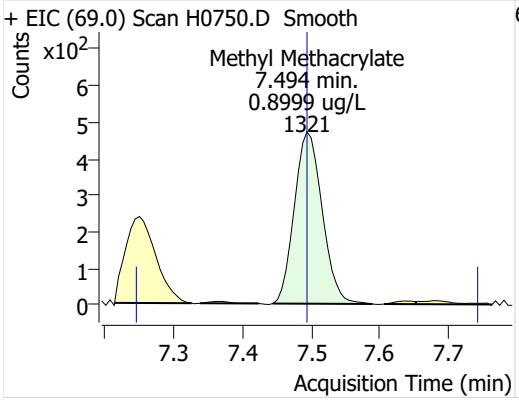
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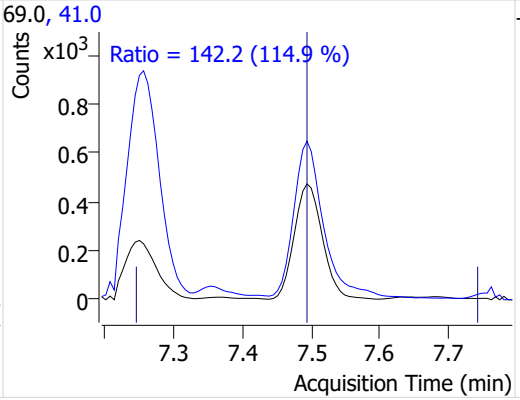


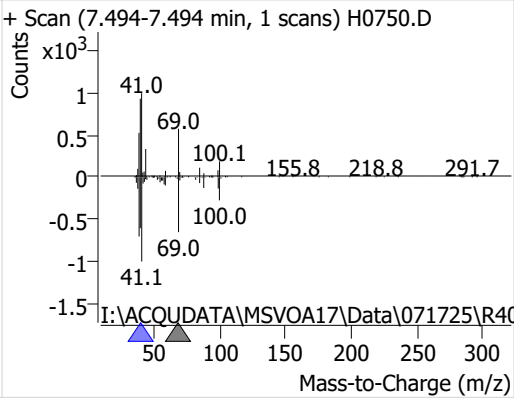




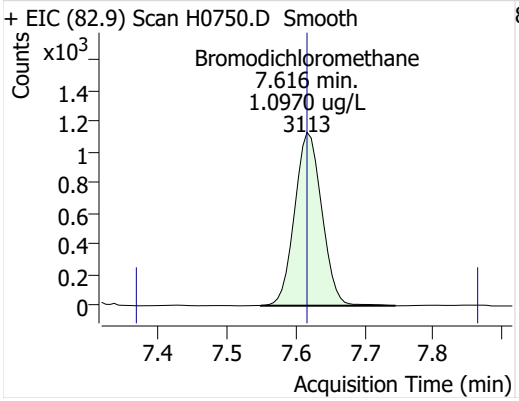
Methyl Methacrylate

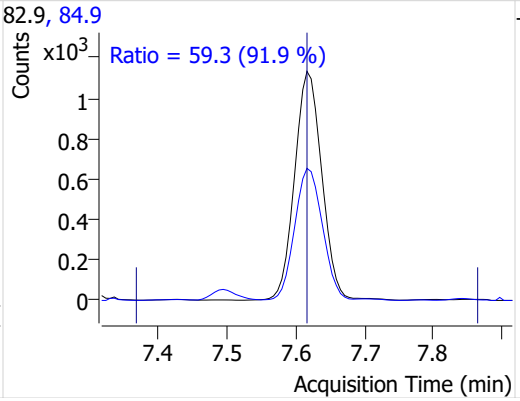


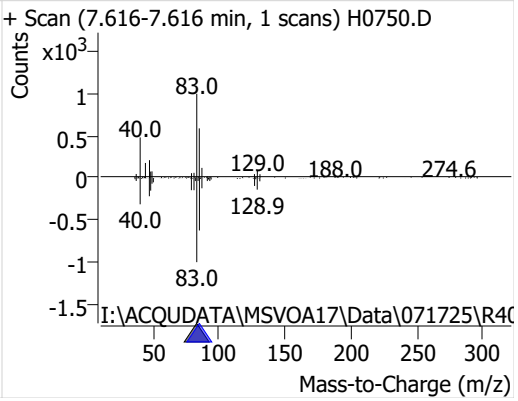




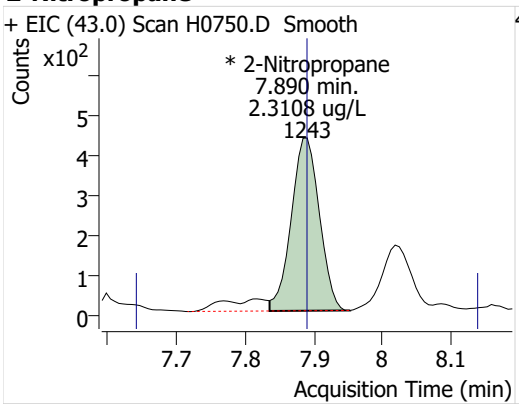
Bromodichloromethane

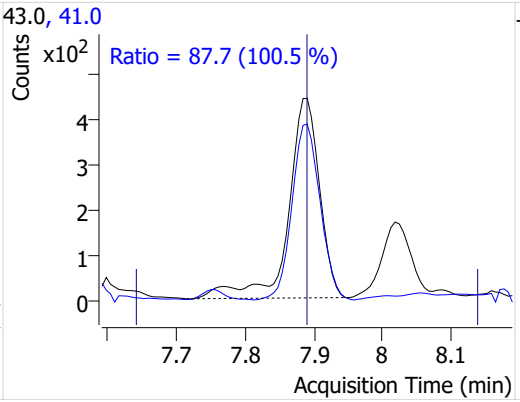


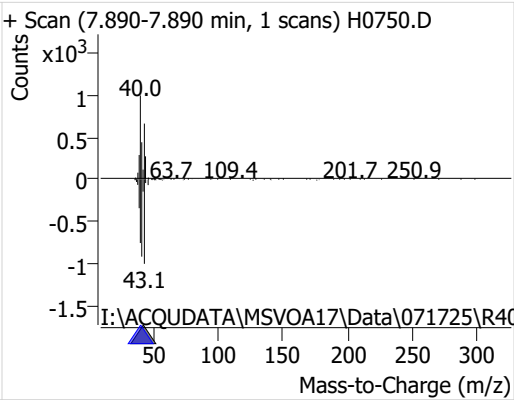




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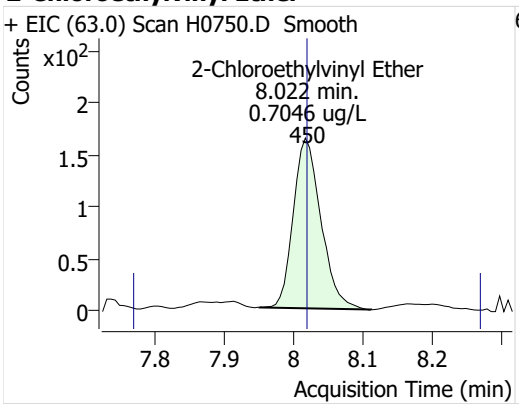


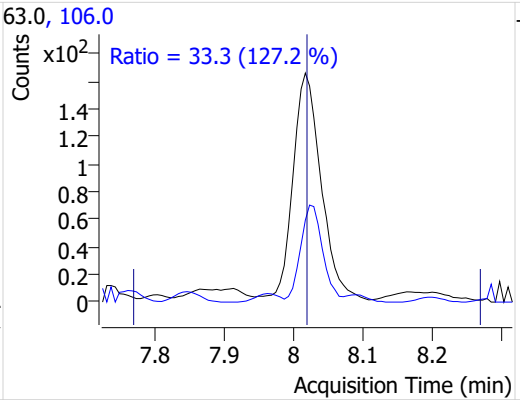


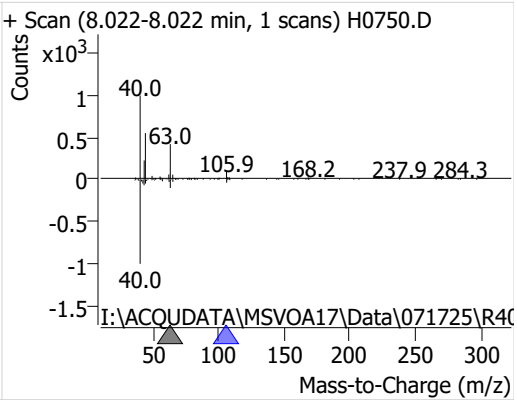


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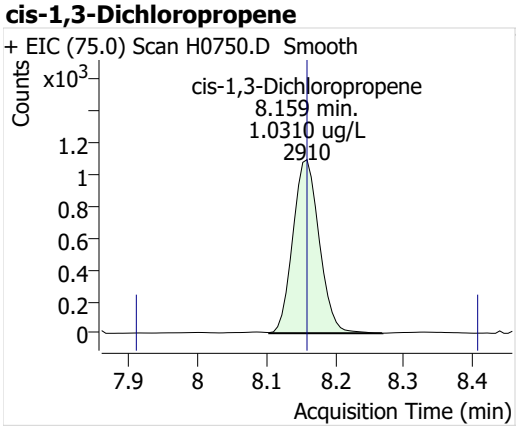
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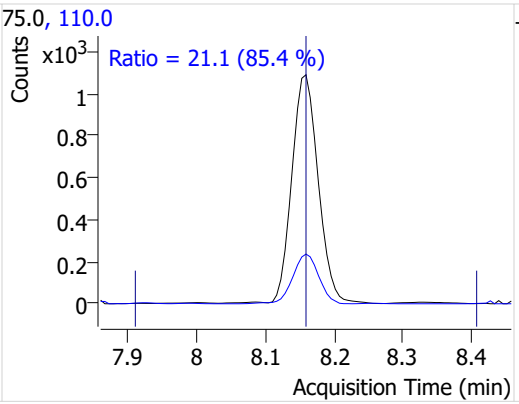


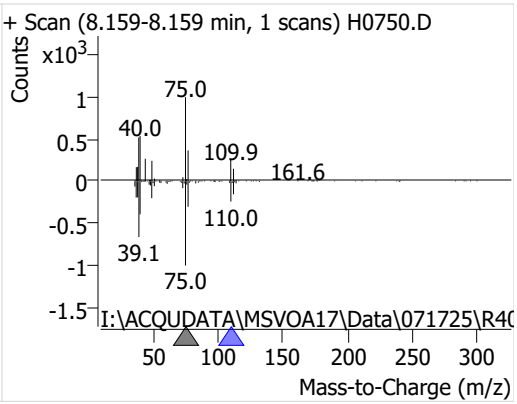




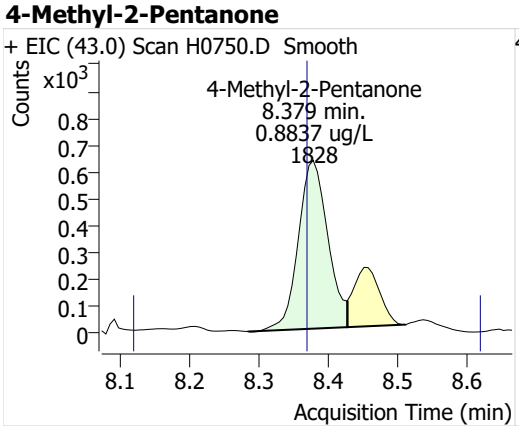
cis-1,3-Dichloropropene

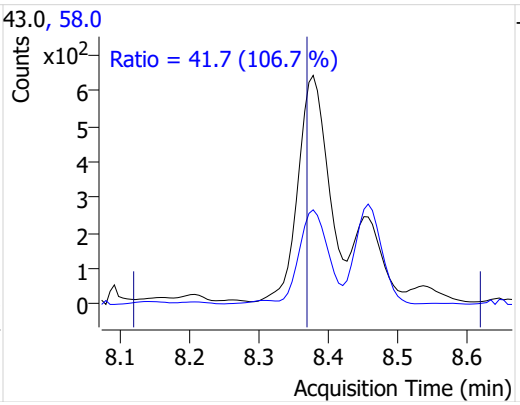


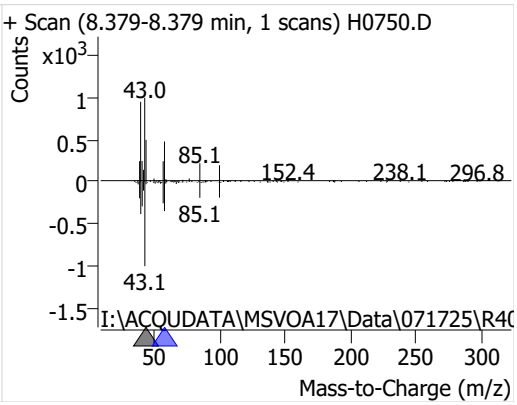




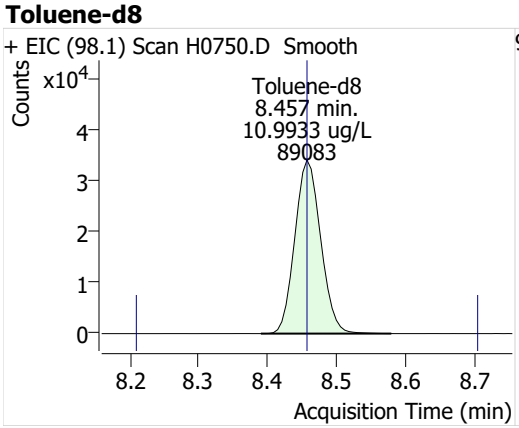
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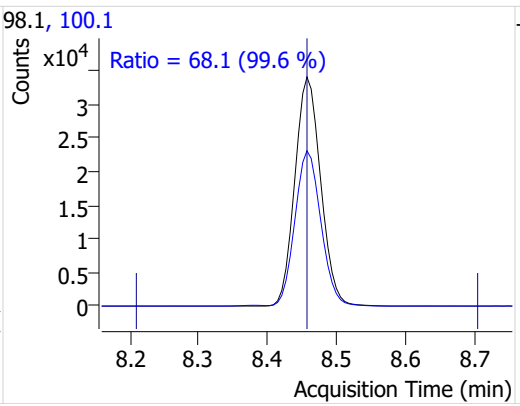


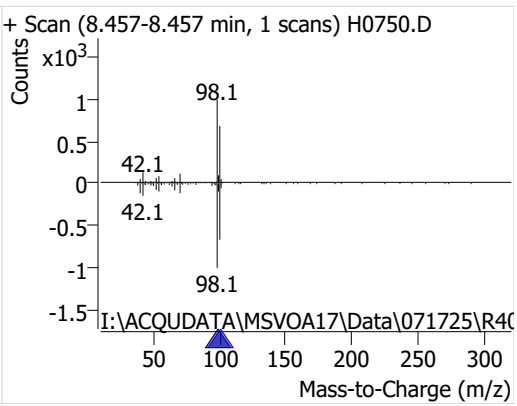




Toluene-d8

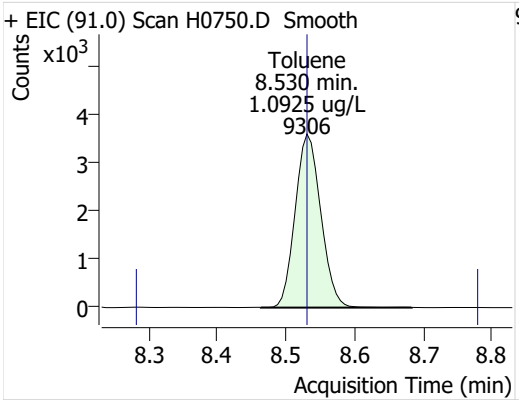


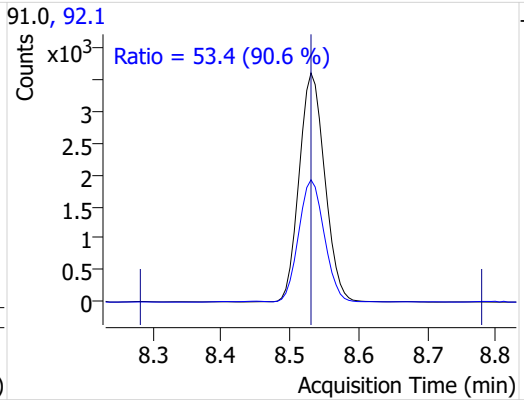


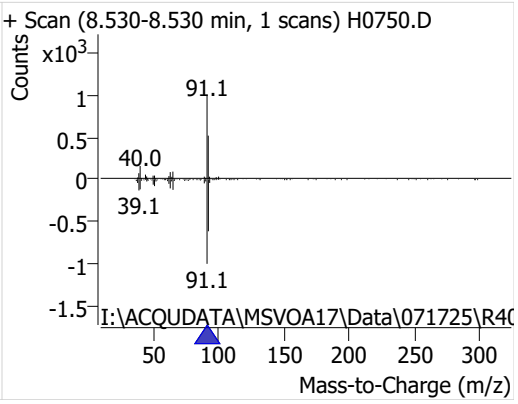


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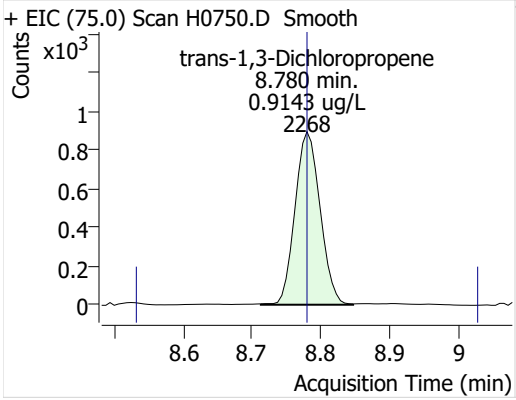
Toluene

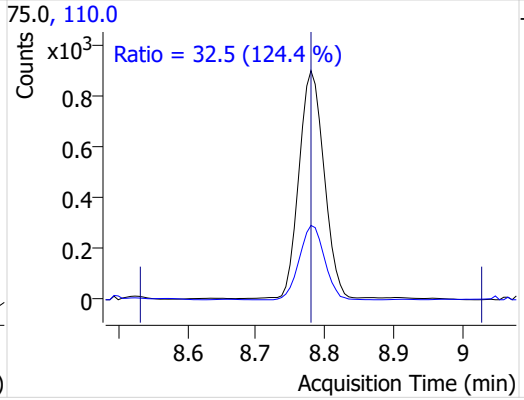


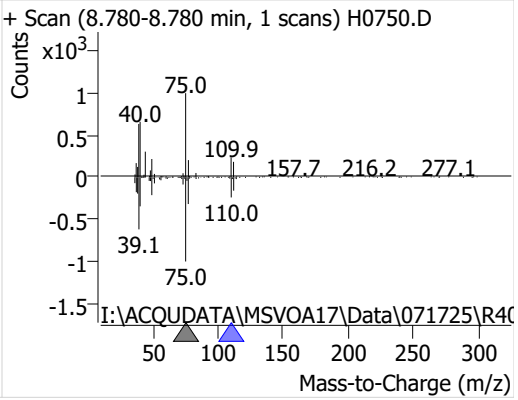




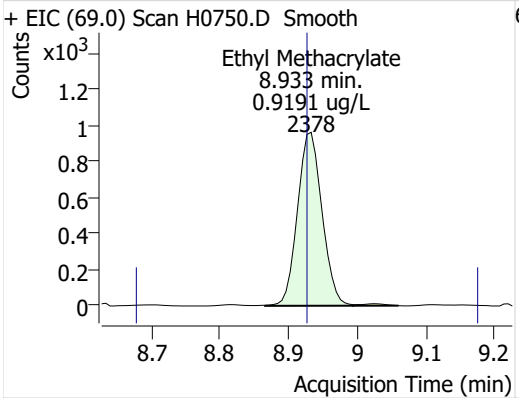
trans-1,3-Dichloropropene

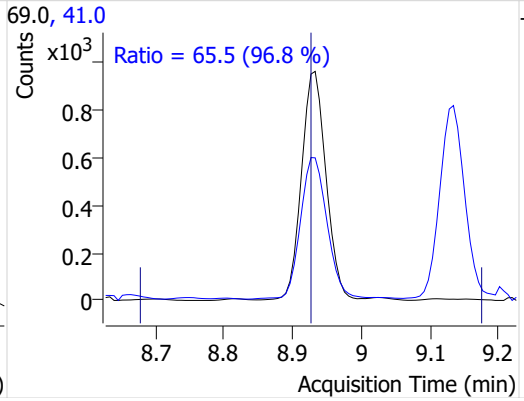


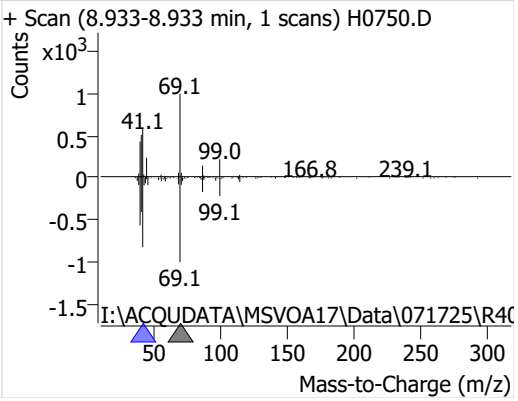




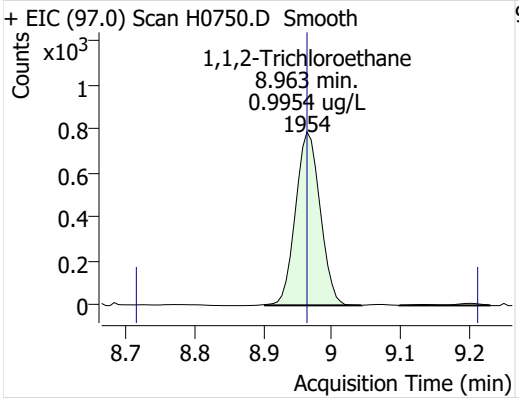
Ethyl Methacrylate

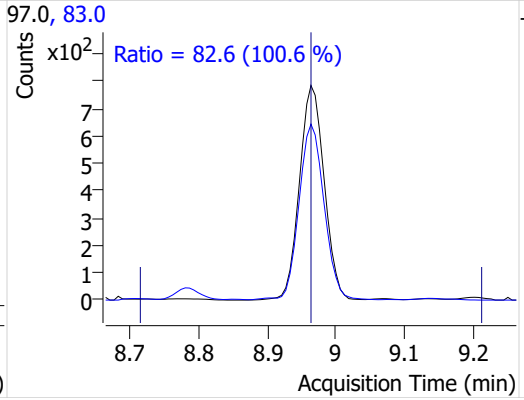


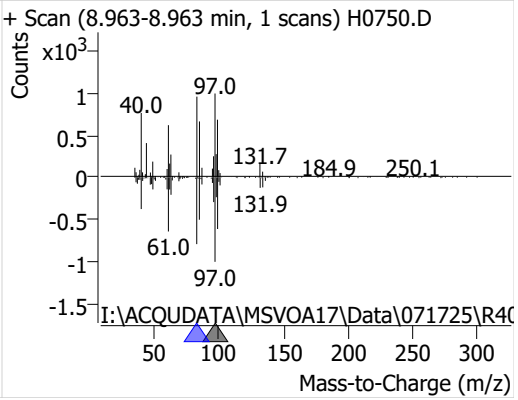




1,1,2-Trichloroethane

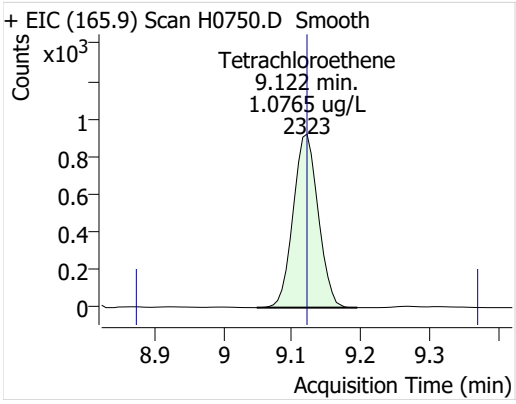


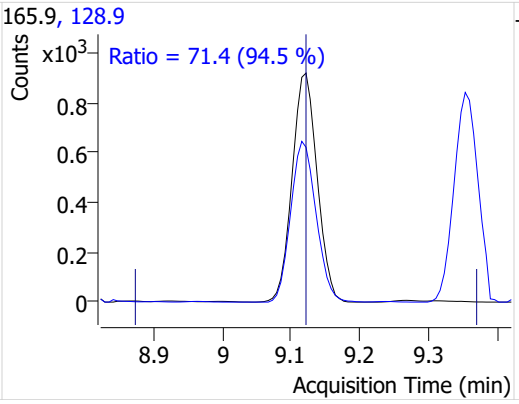


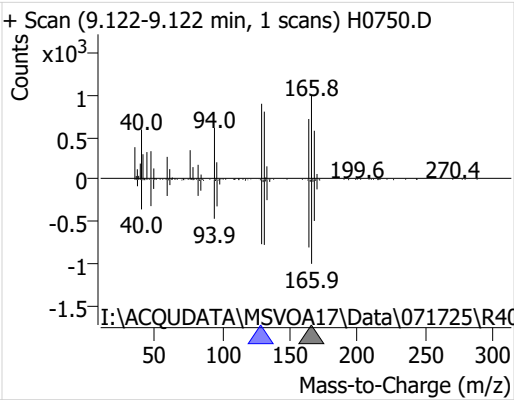


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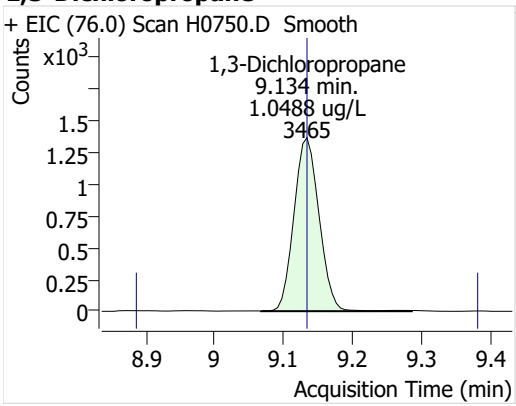
Tetrachloroethene

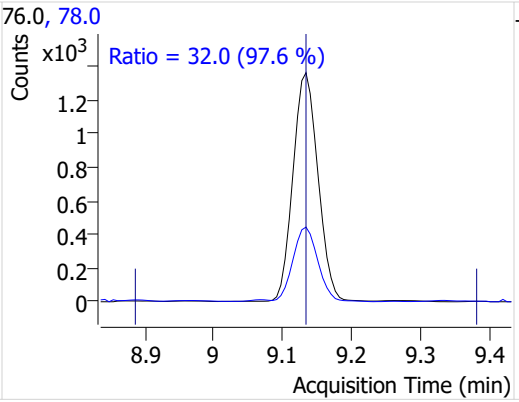


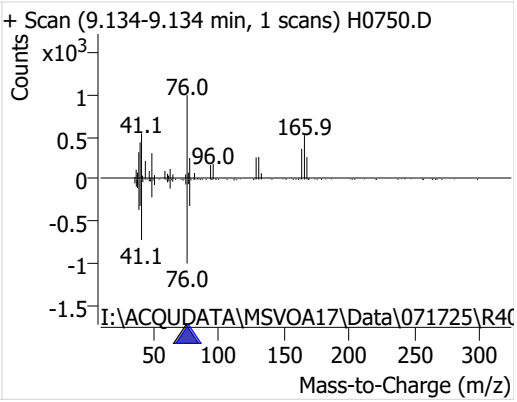




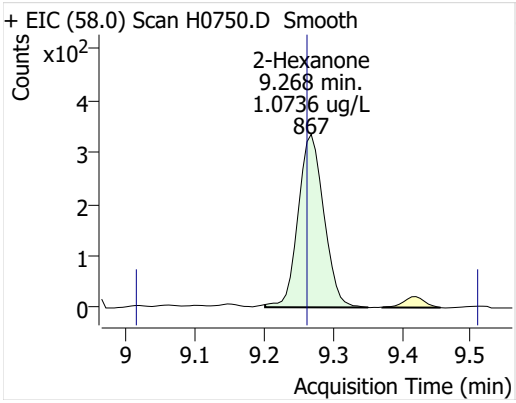
1,3-Dichloropropane

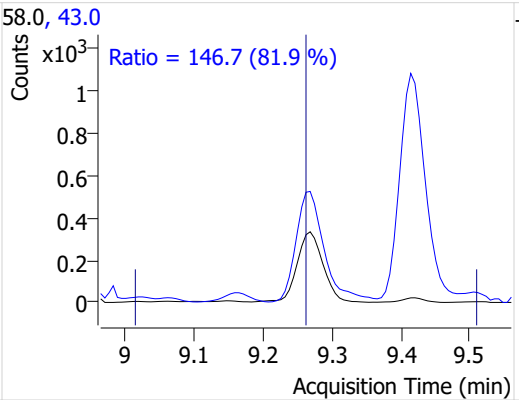


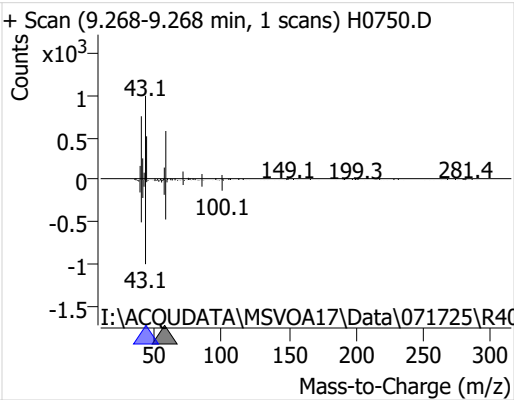




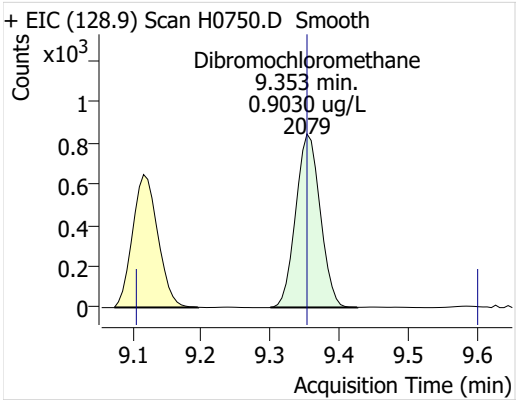
2-Hexanone

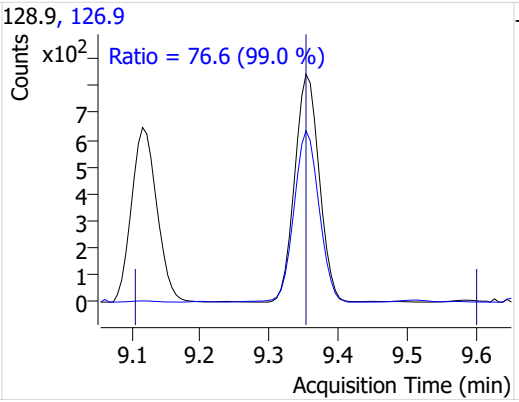


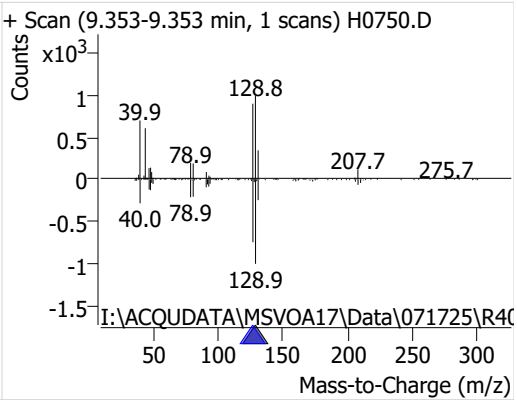




Dibromochloromethane

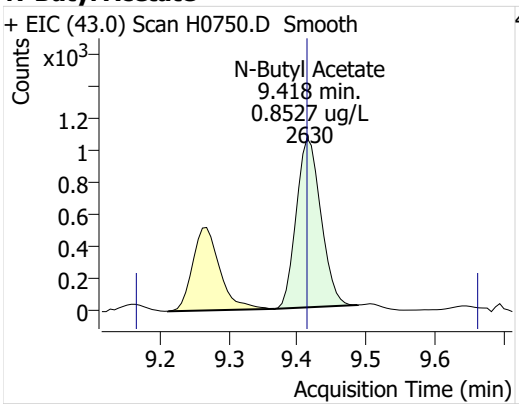


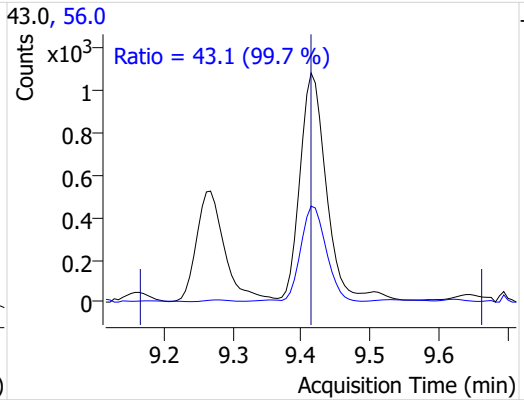


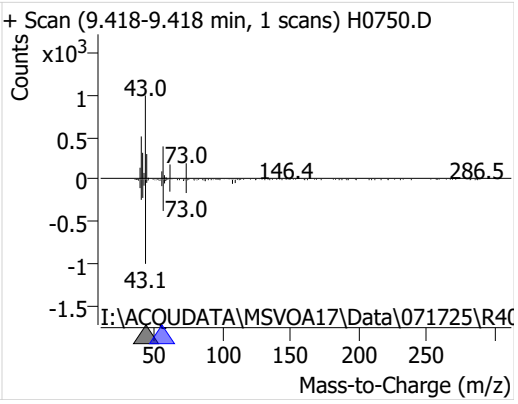


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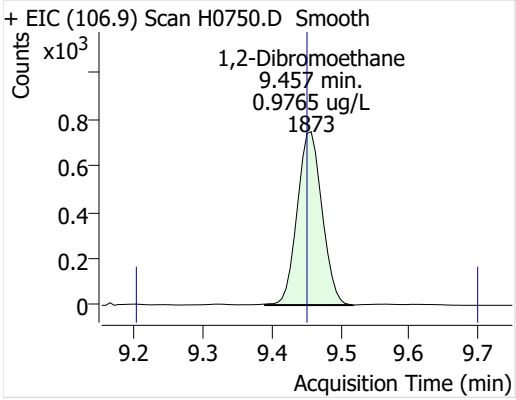
N-Butyl Acetate

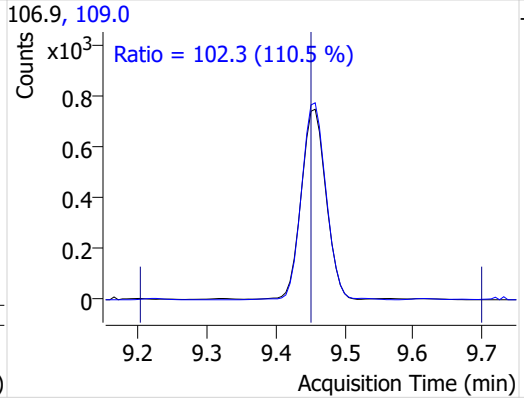


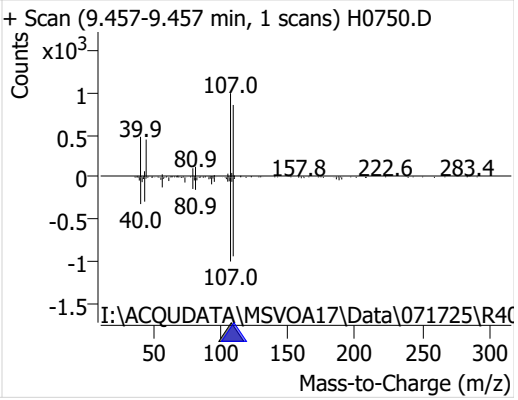




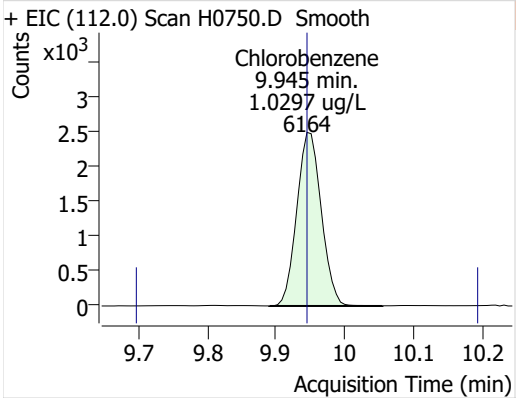
1,2-Dibromoethane

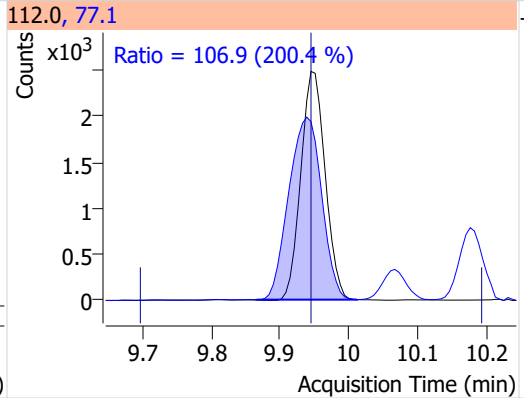


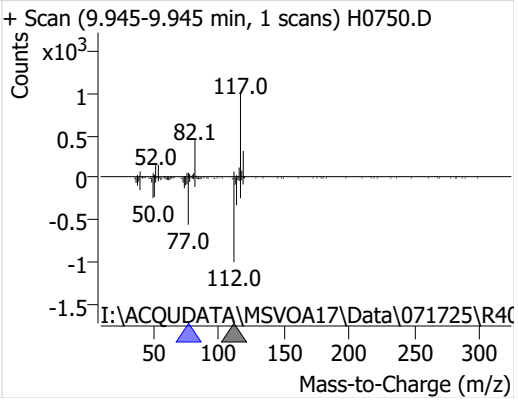




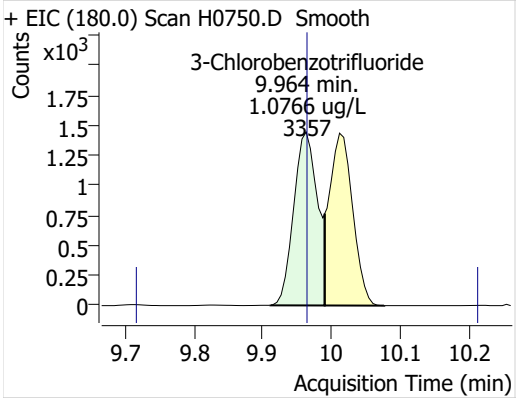
Chlorobenzene

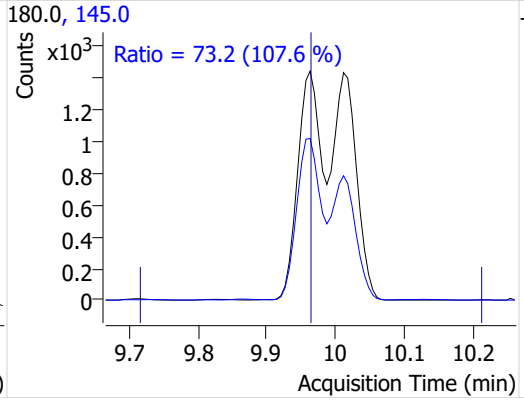


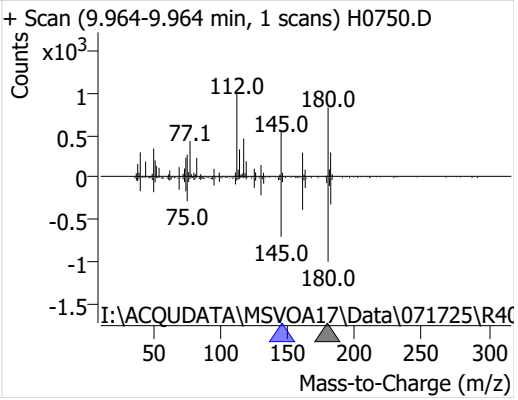




3-Chlorobenzotrifluoride

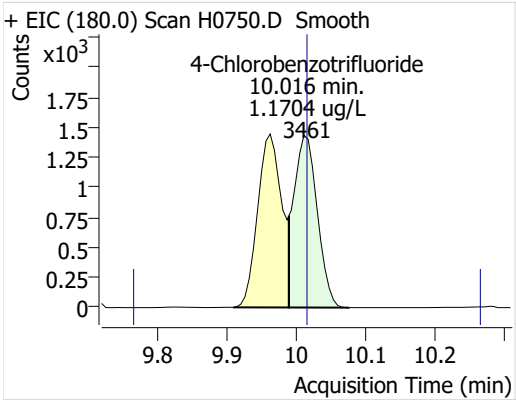


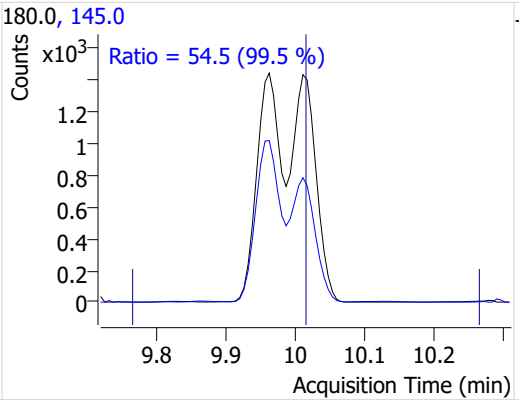


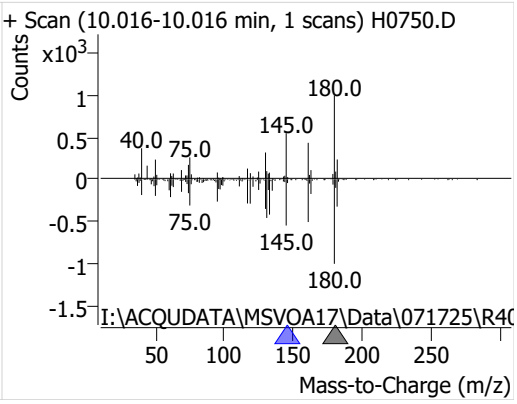


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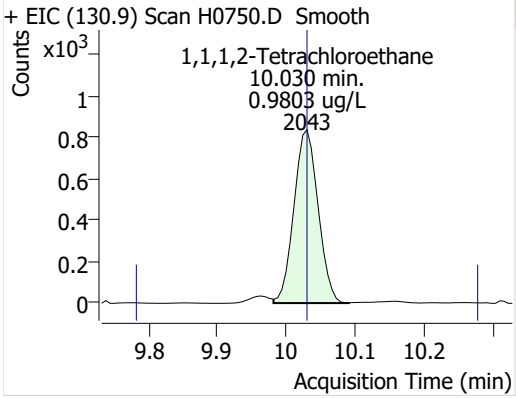
4-Chlorobenzotrifluoride

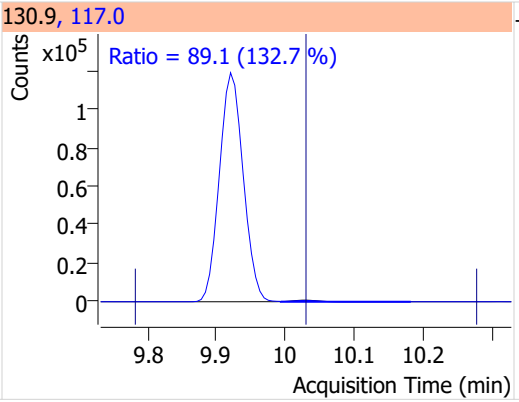


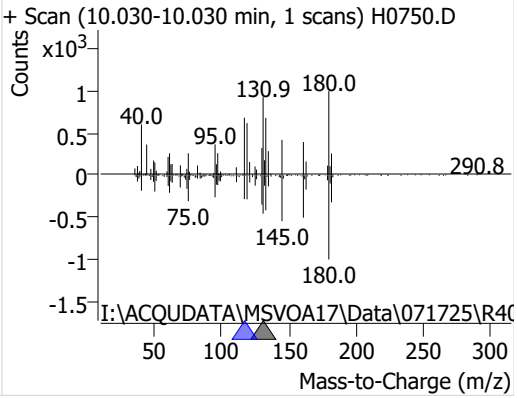




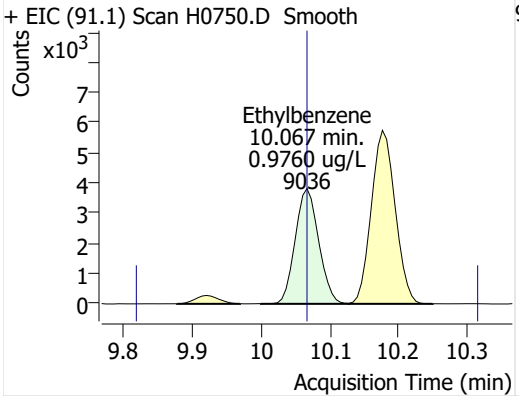
1,1,1,2-Tetrachloroethane

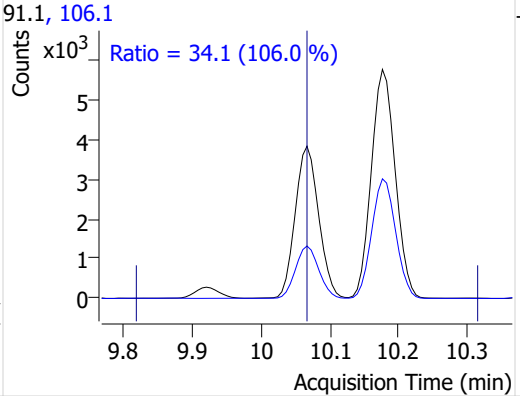


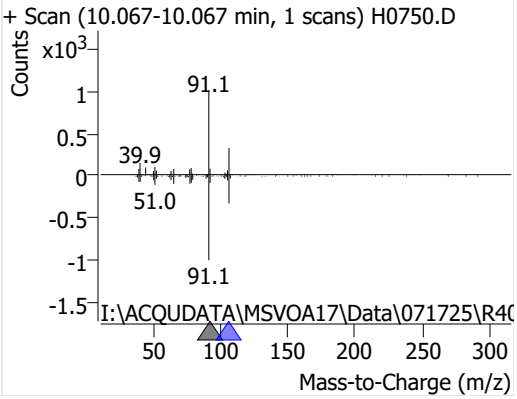




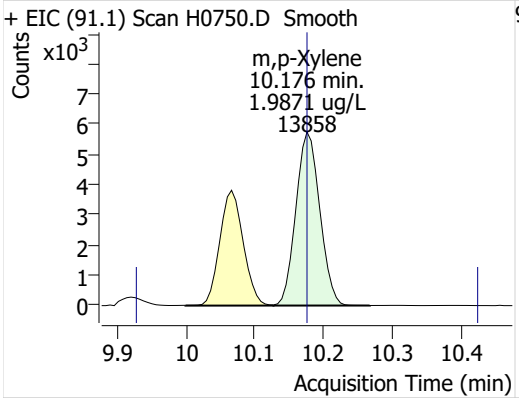
Ethylbenzene

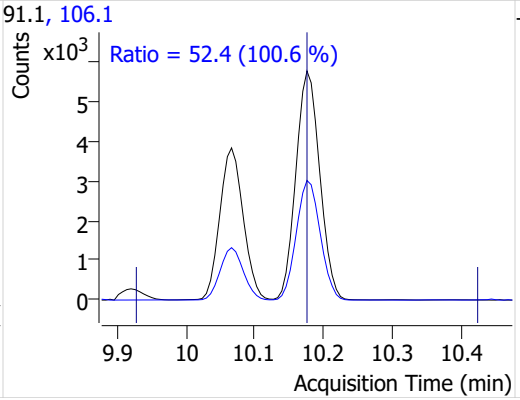


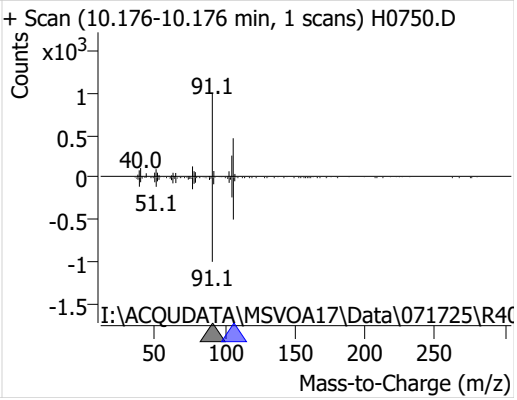




m,p-Xylene

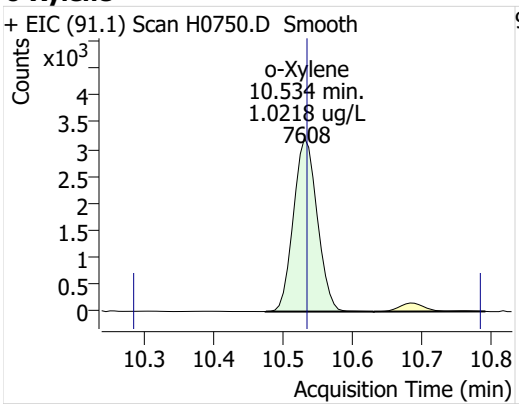


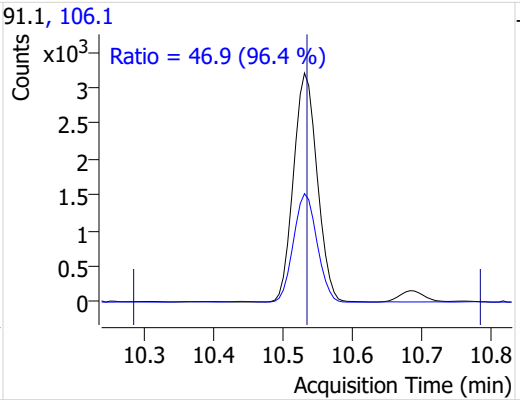


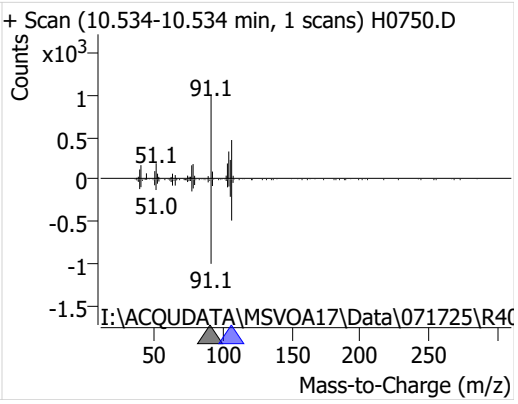


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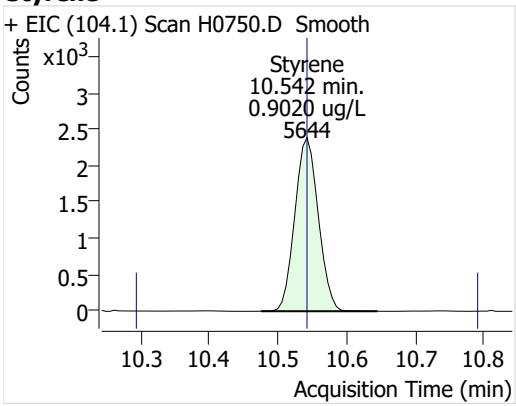
o-Xylene

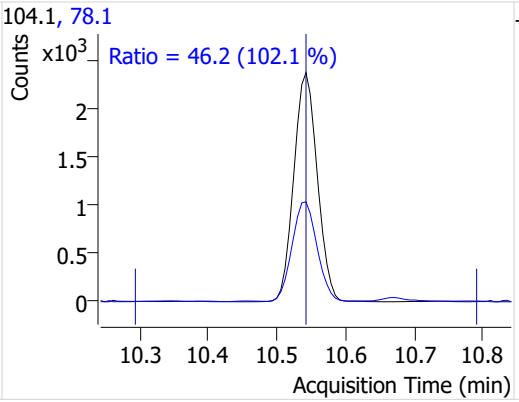


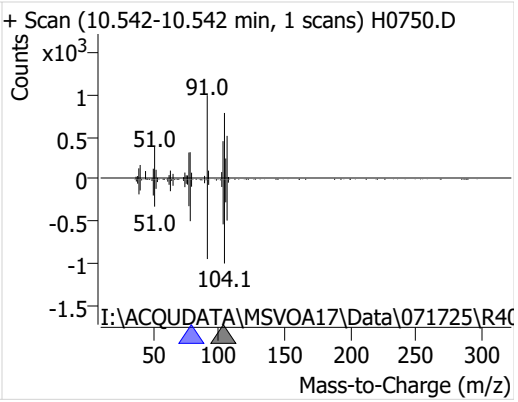




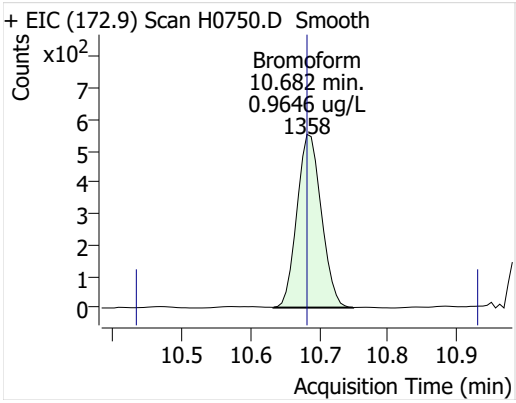
Styrene

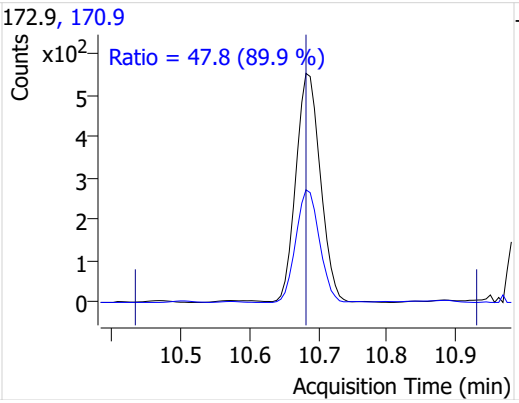


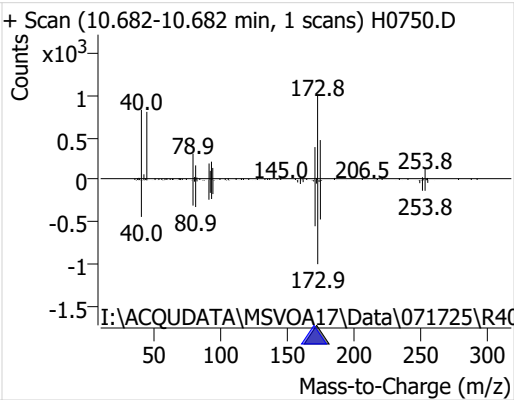




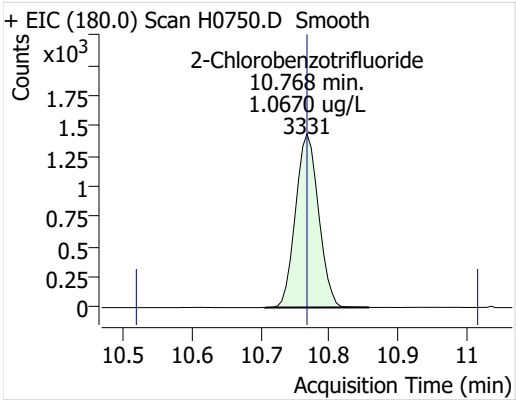
Bromoform

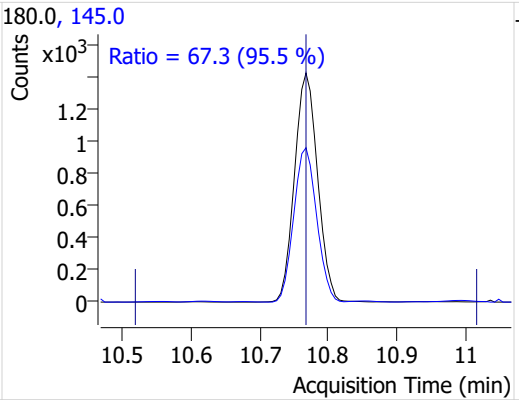


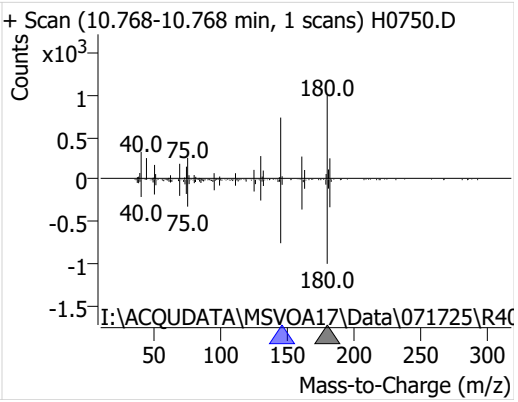




2-Chlorobenzotrifluoride

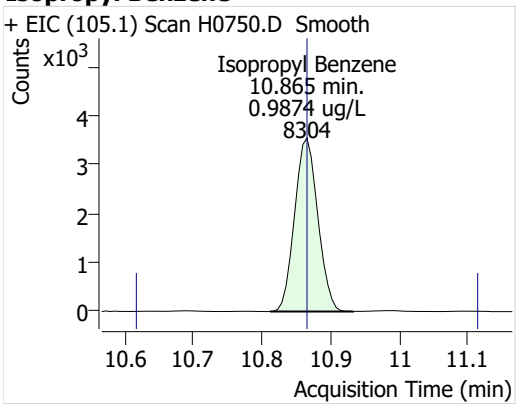


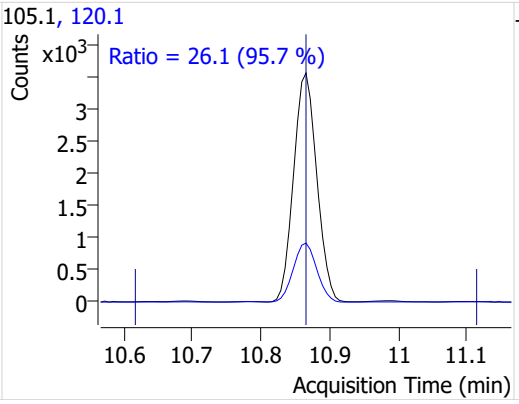


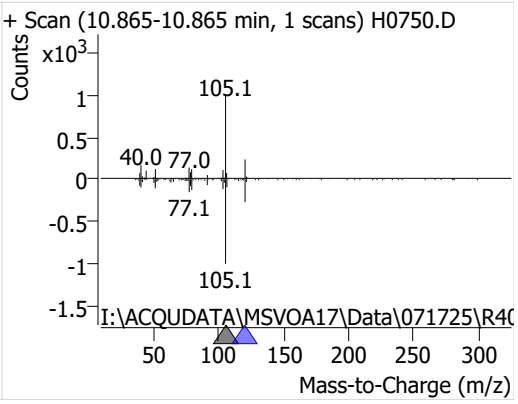


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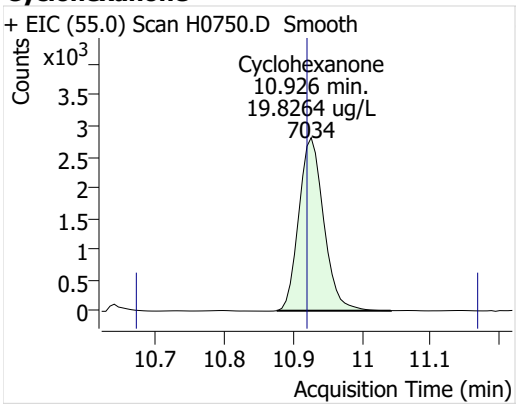
Isopropyl Benzene

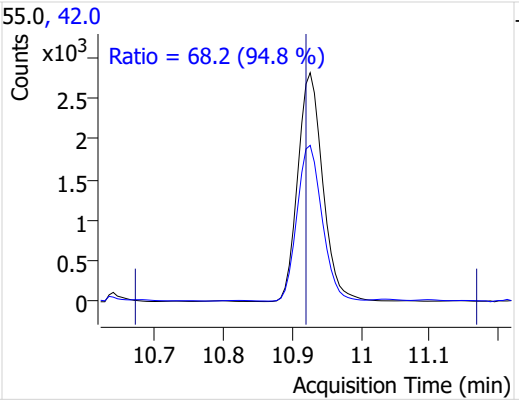


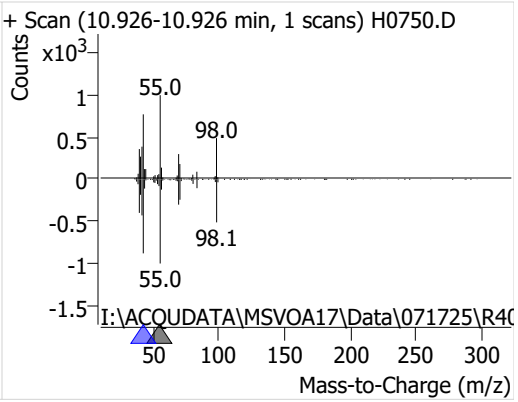




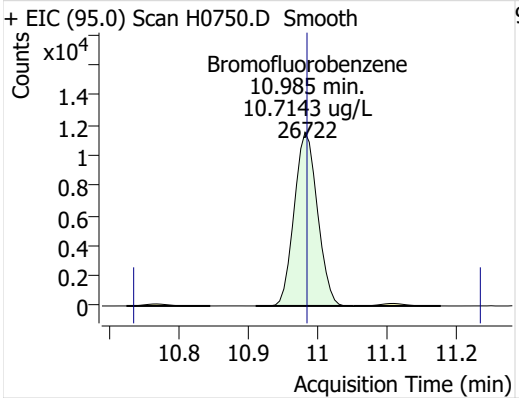
Cyclohexanone

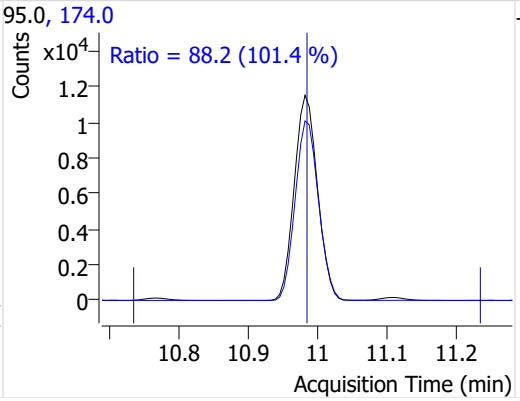


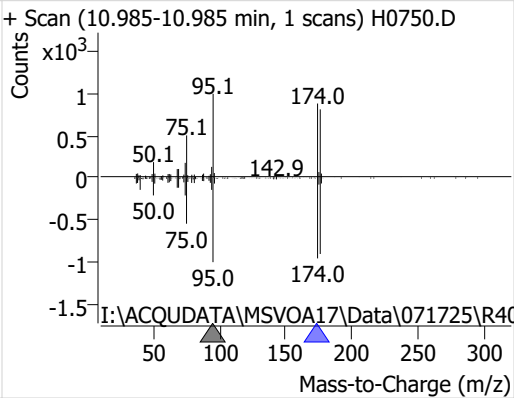




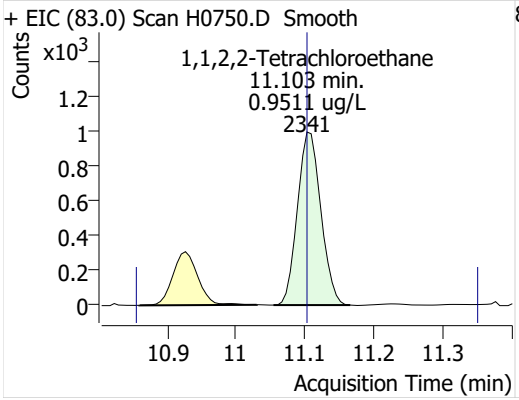
Bromofluorobenzene

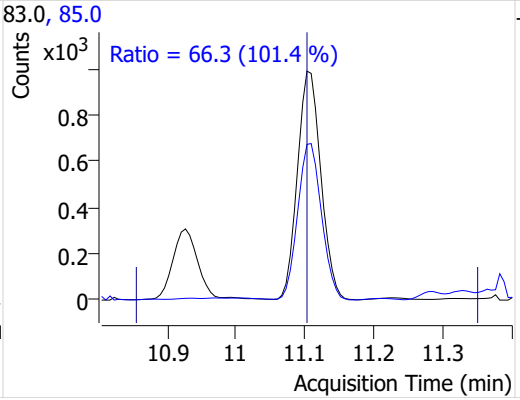


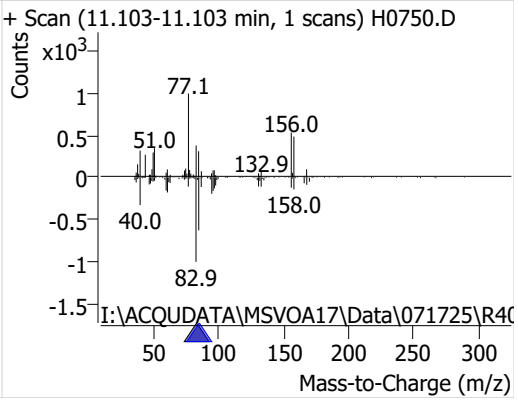




1,1,2,2-Tetrachloroethane

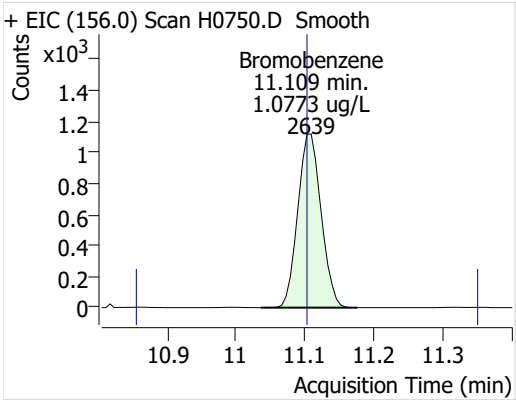


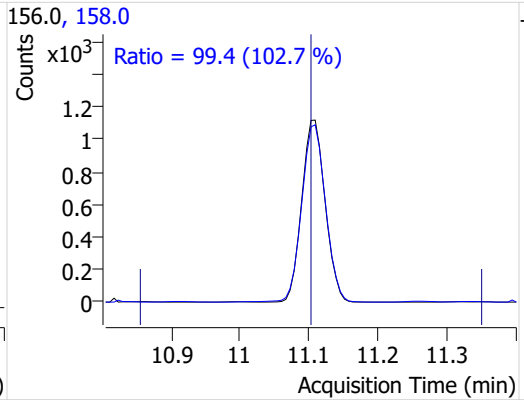


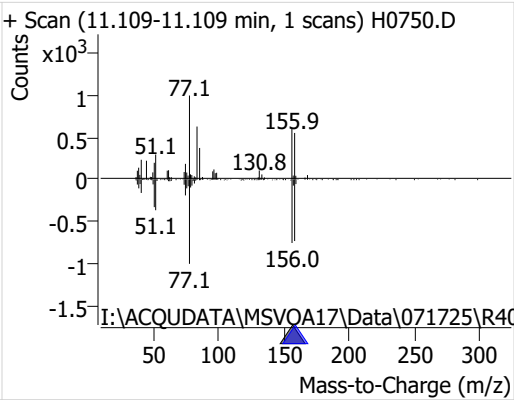


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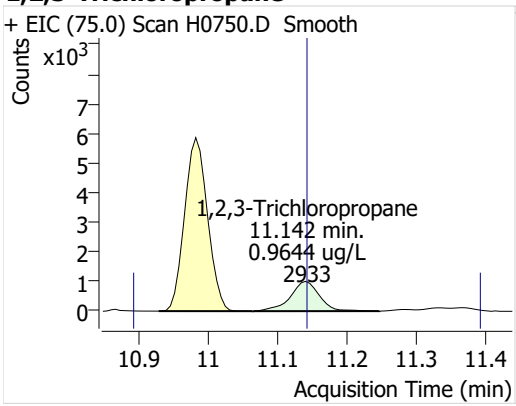
Bromobenzene

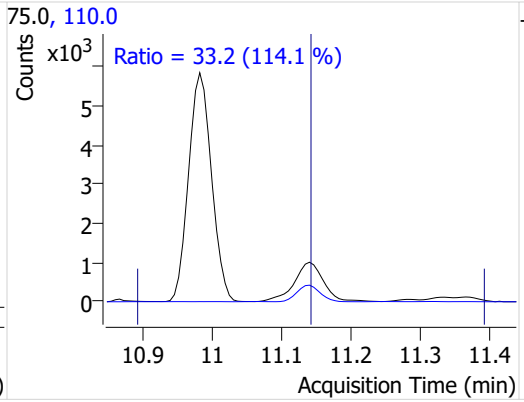


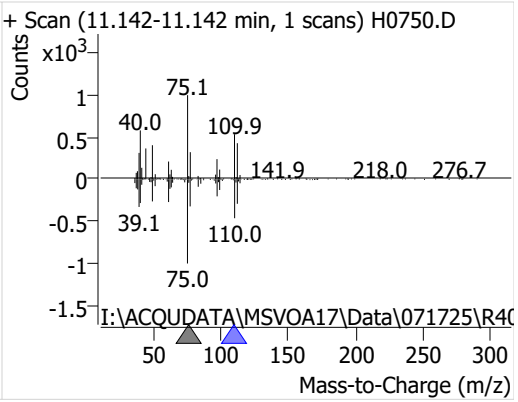




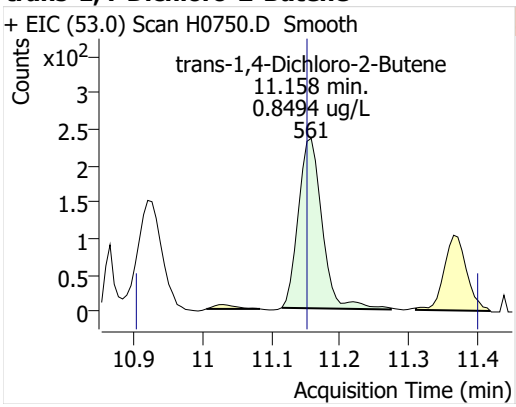
1,2,3-Trichloropropane

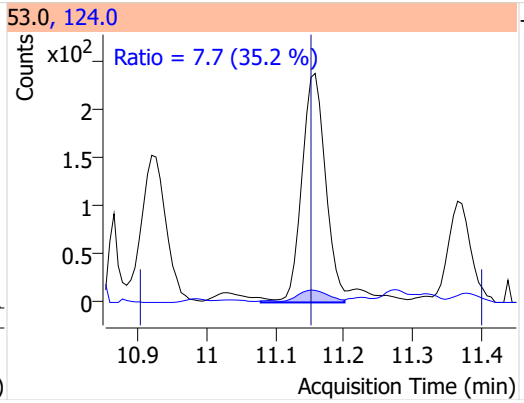


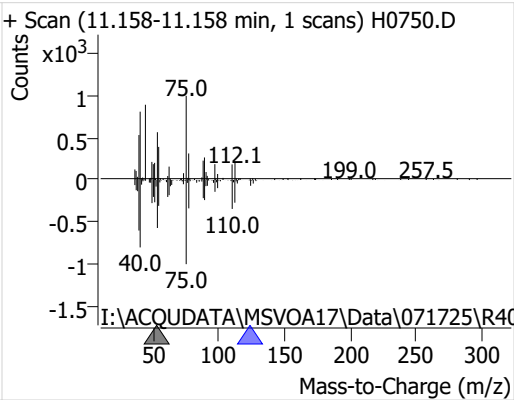




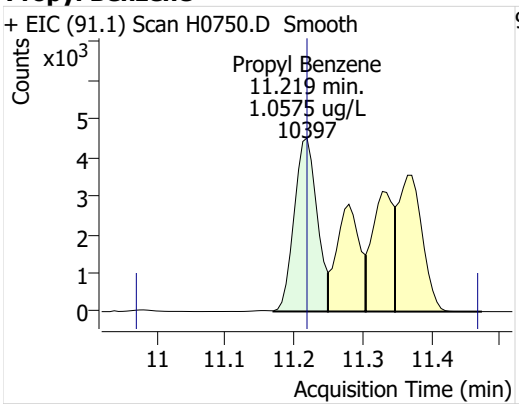
trans-1,4-Dichloro-2-Butene

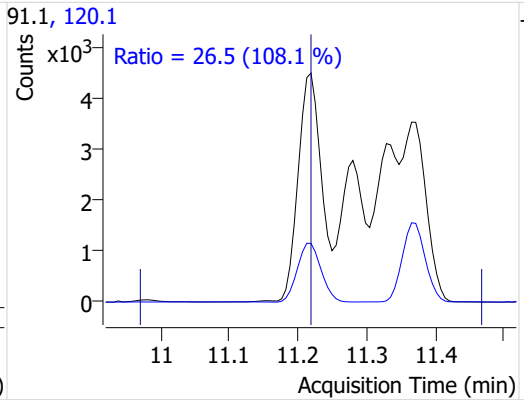


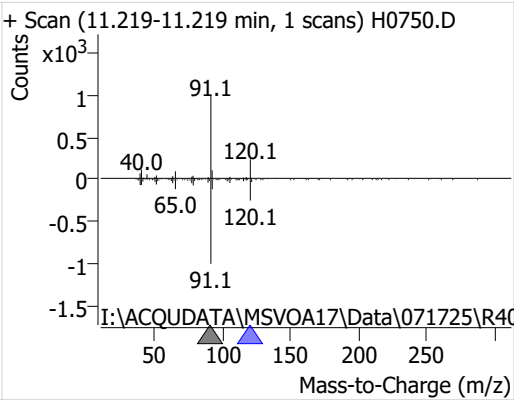




Propyl Benzene

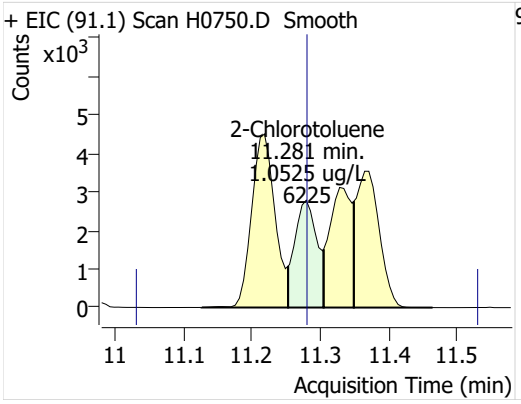


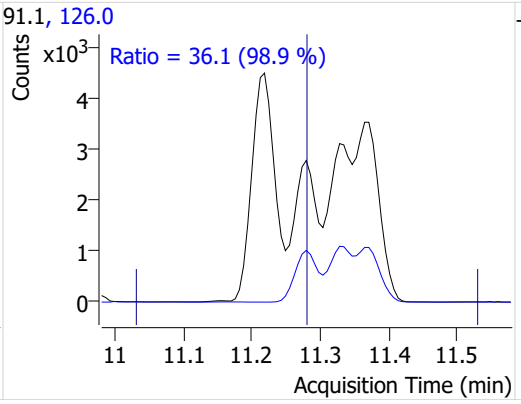


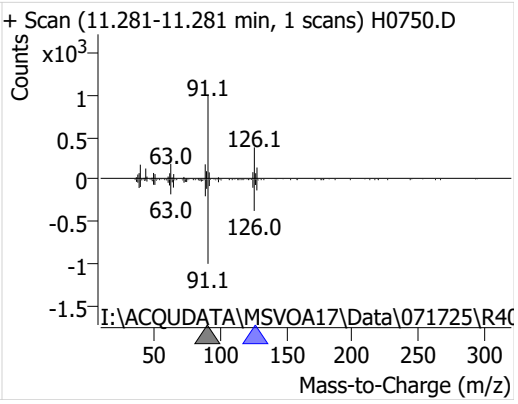


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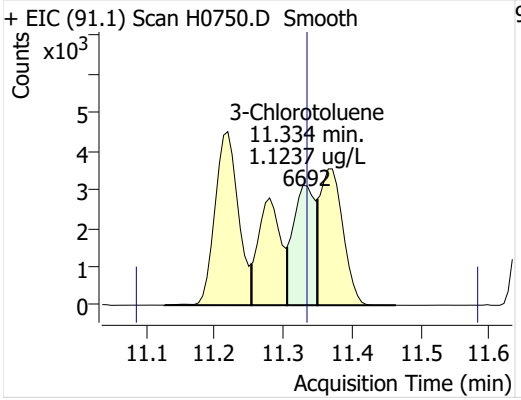
2-Chlorotoluene

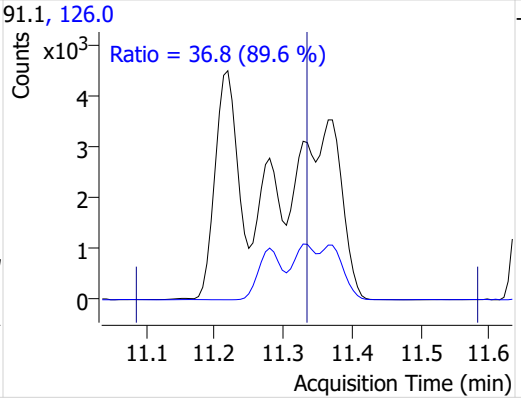


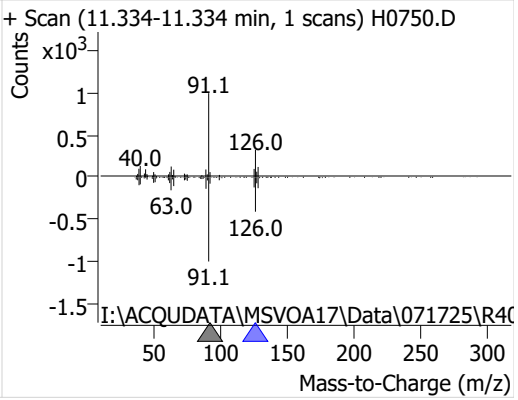




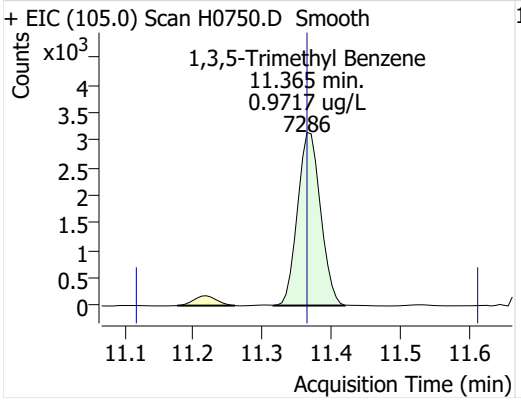
3-Chlorotoluene

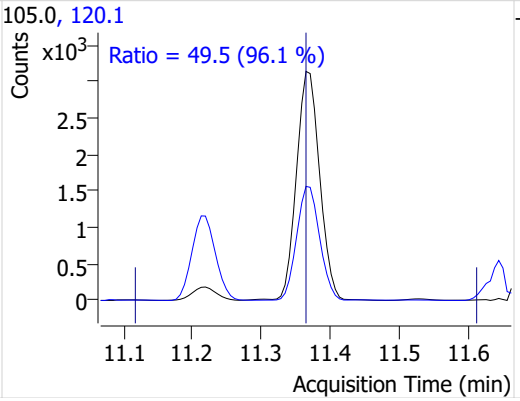


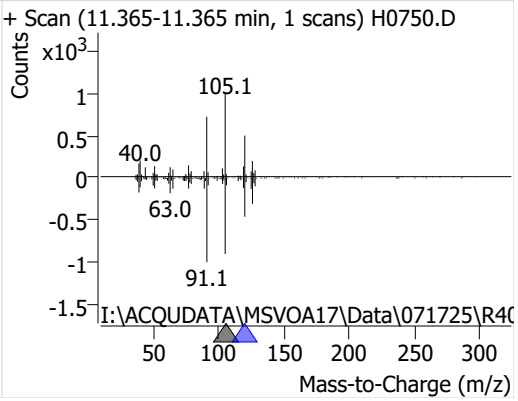




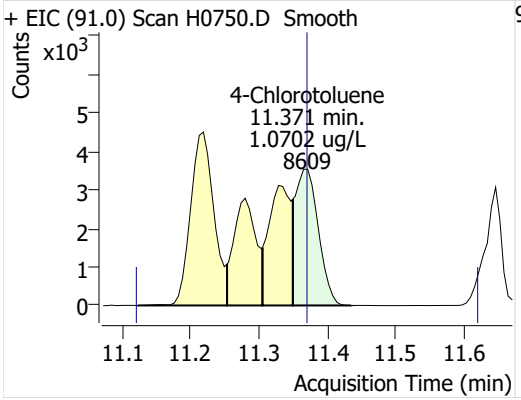
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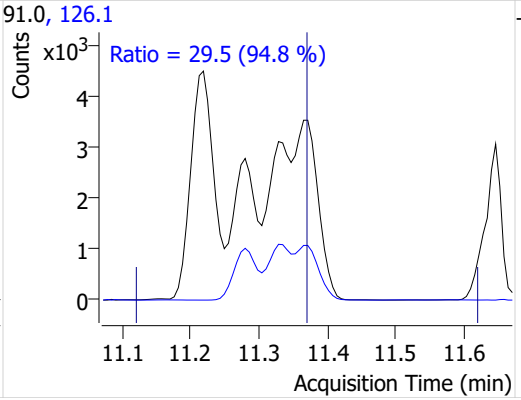


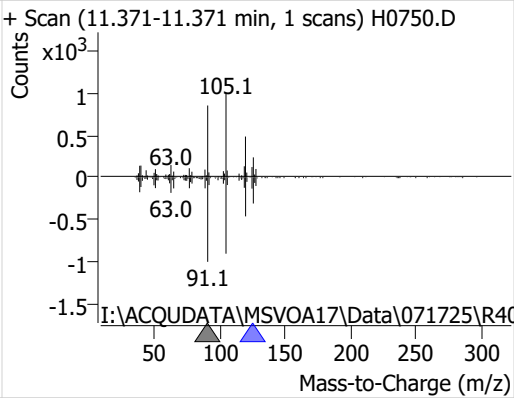




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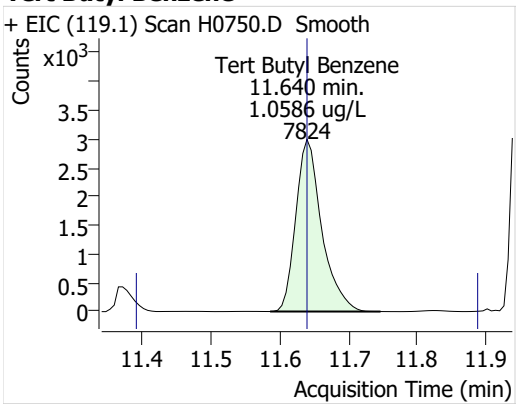


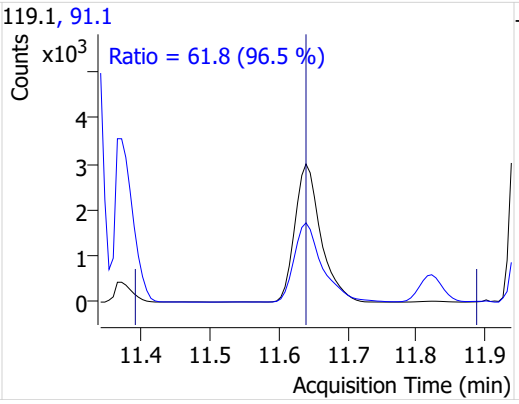


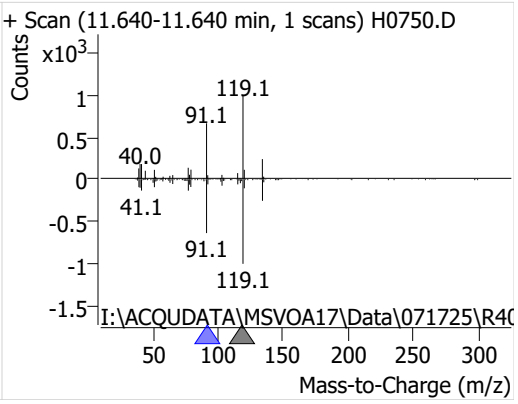


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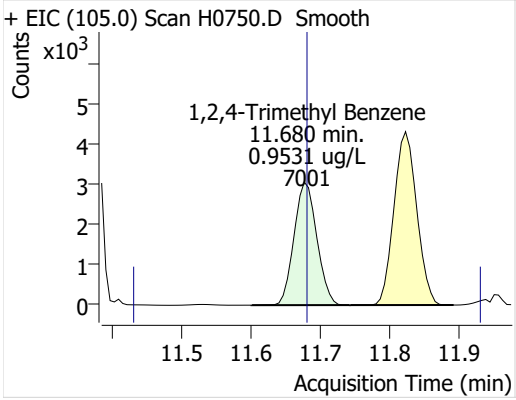
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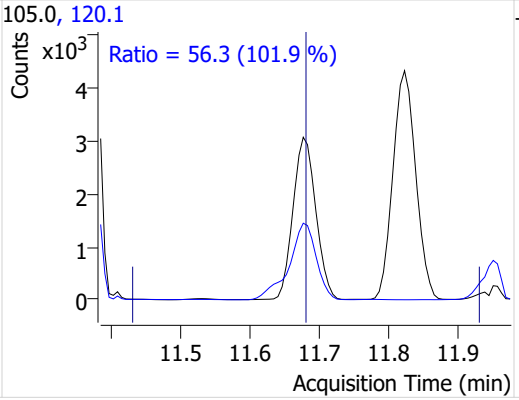


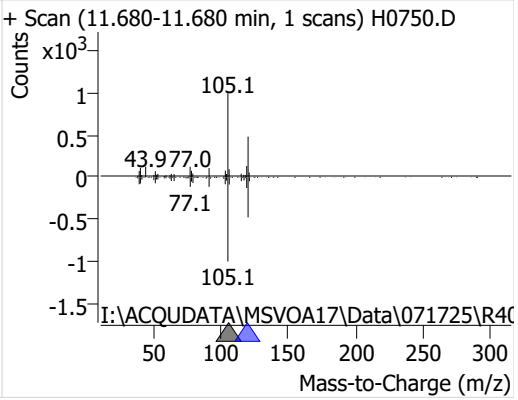




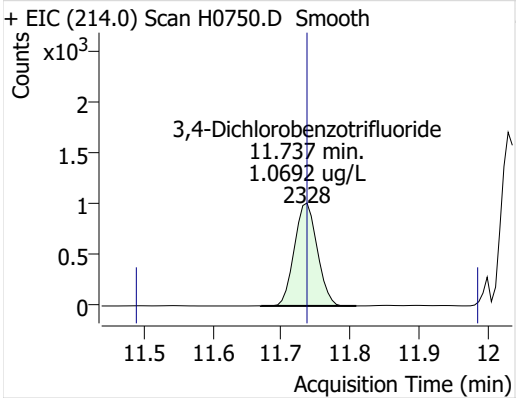
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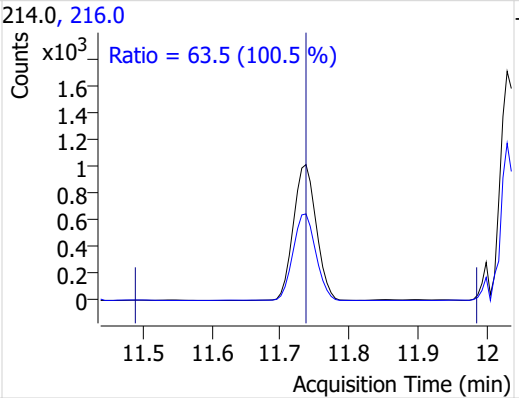


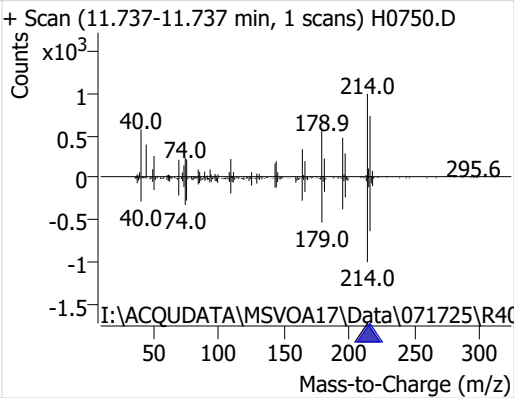




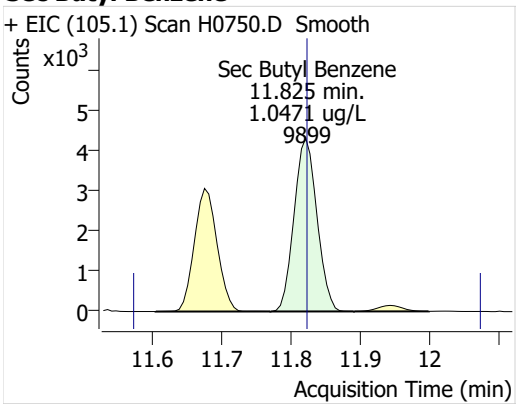
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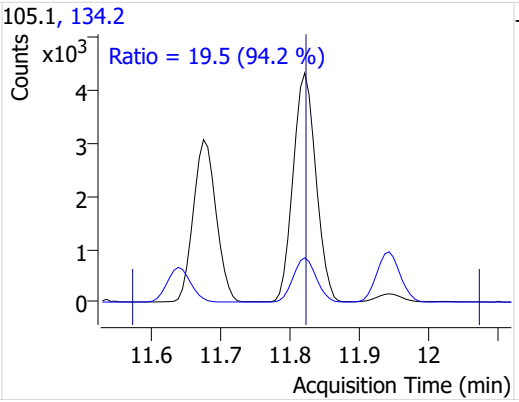


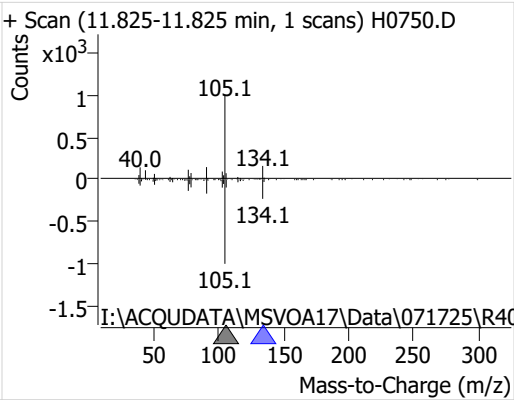




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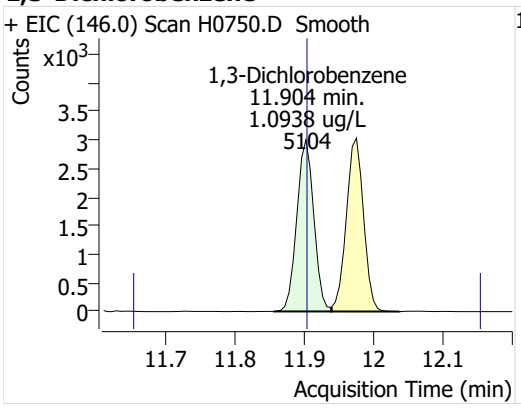


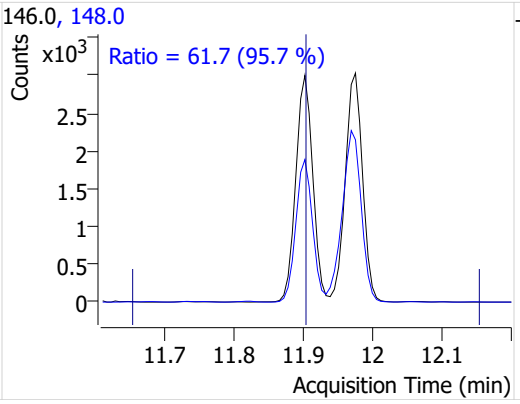


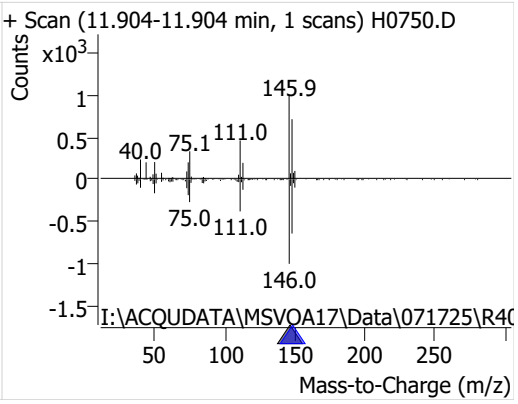


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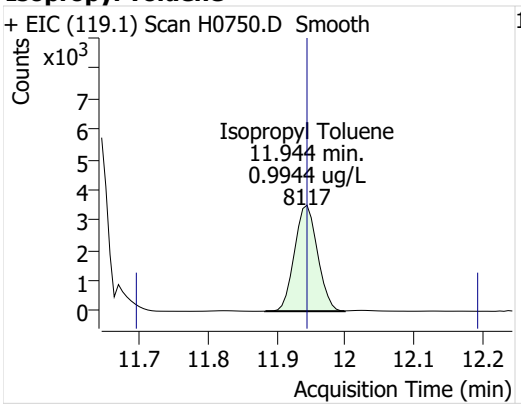
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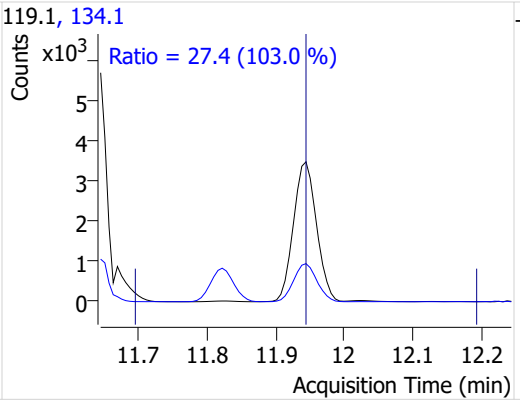


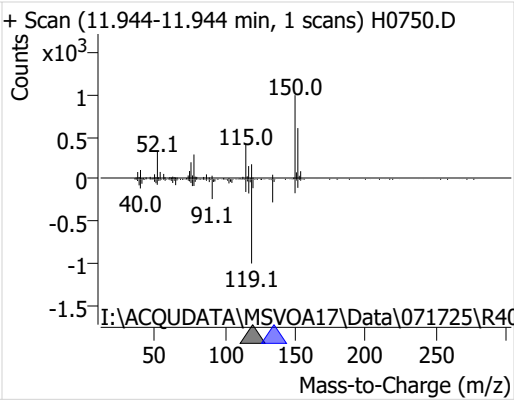




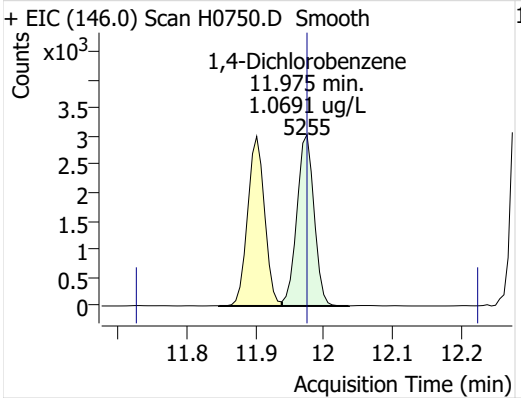
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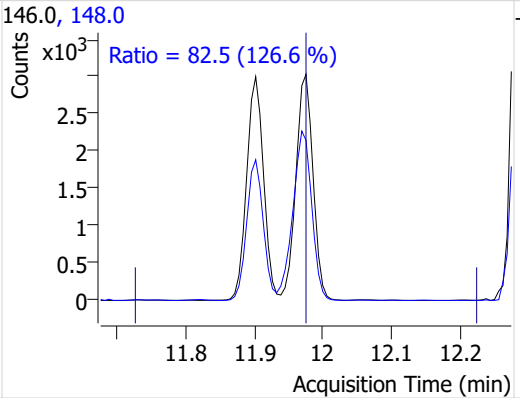


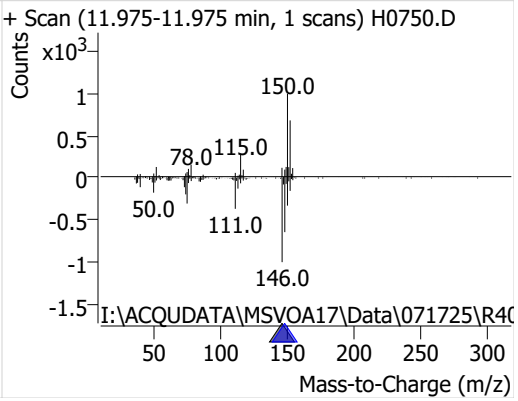




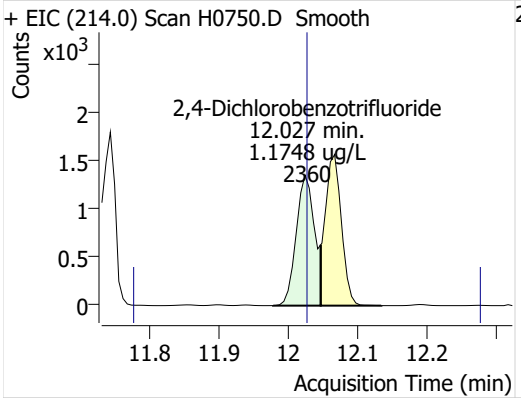
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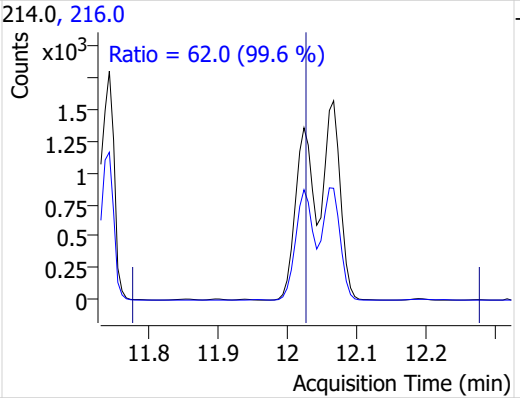


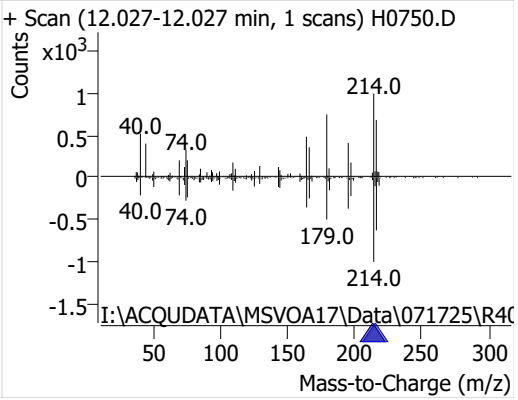




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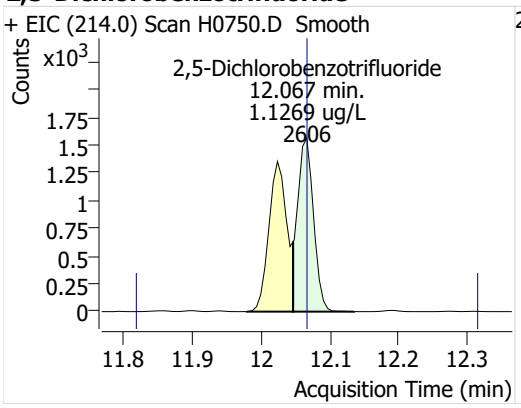


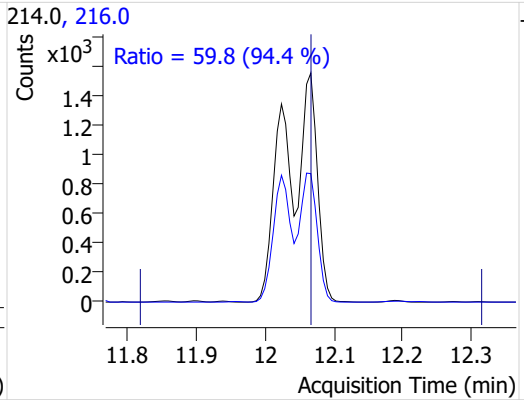


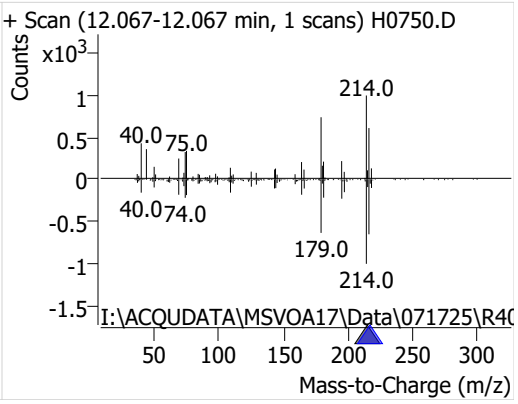


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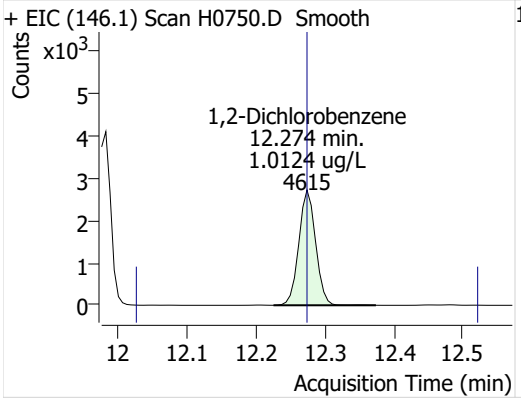
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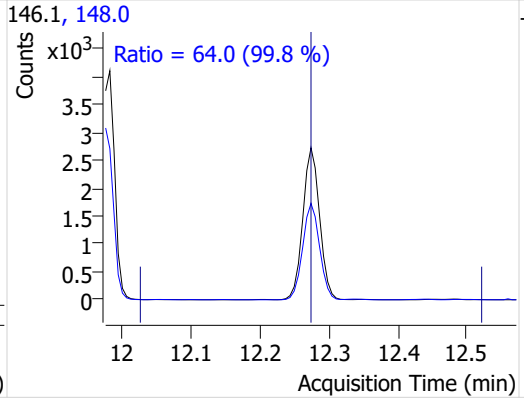


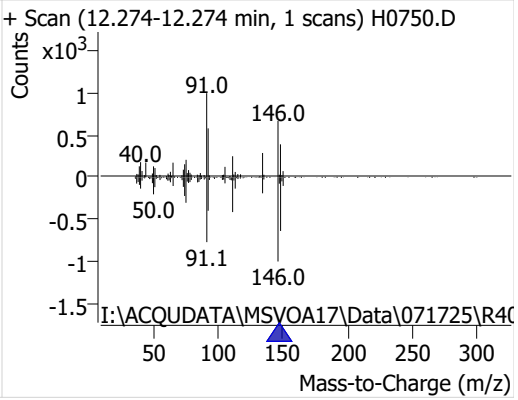




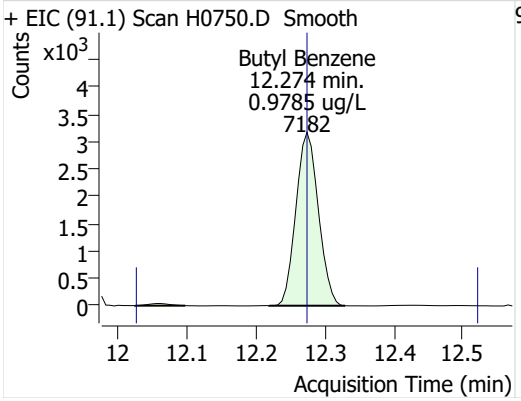
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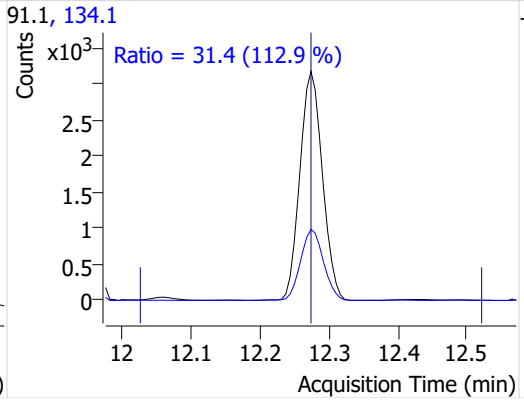


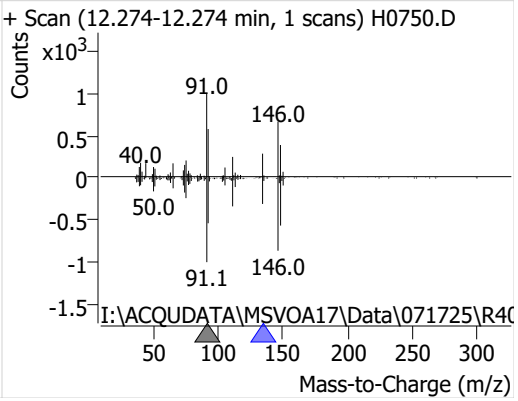




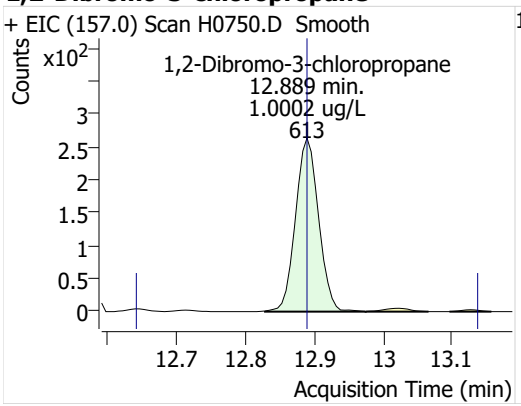
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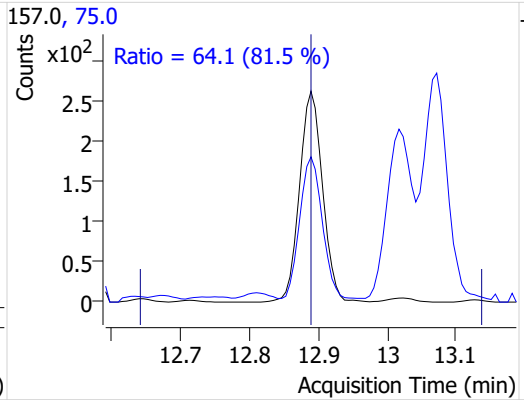


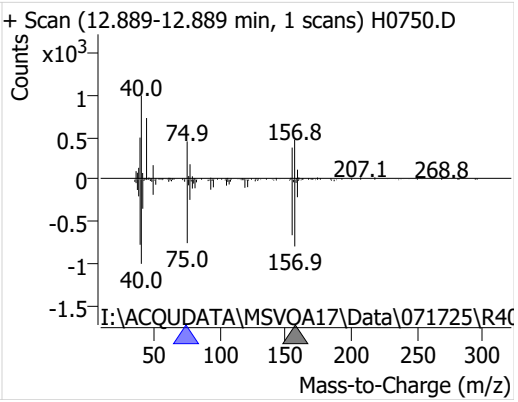




1,2-Dibromo-3-chloropropane

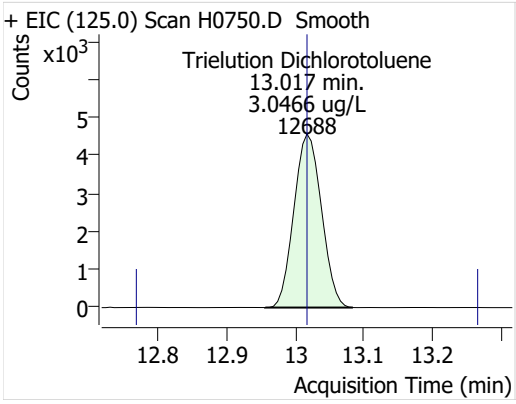


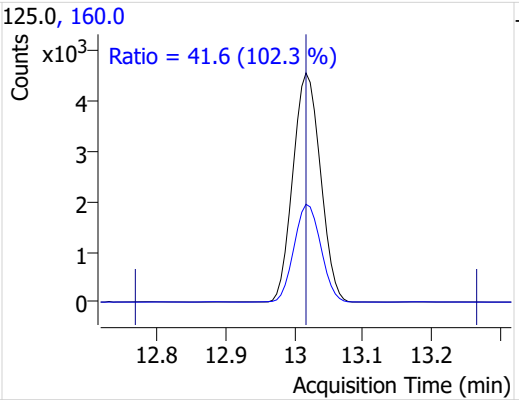


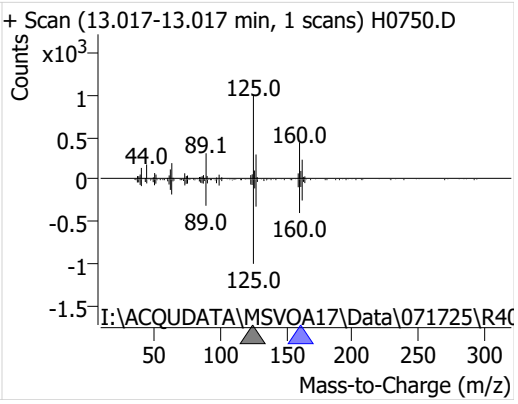


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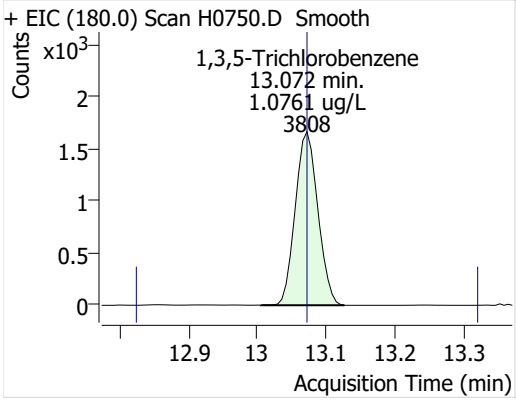
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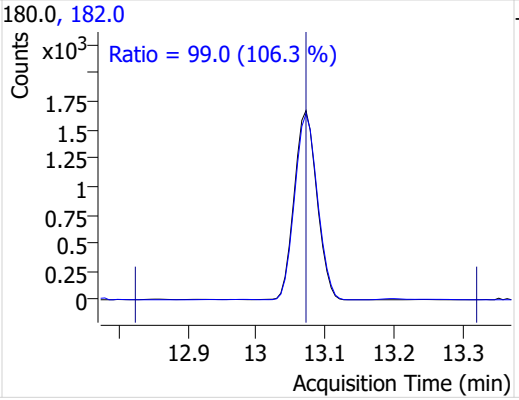


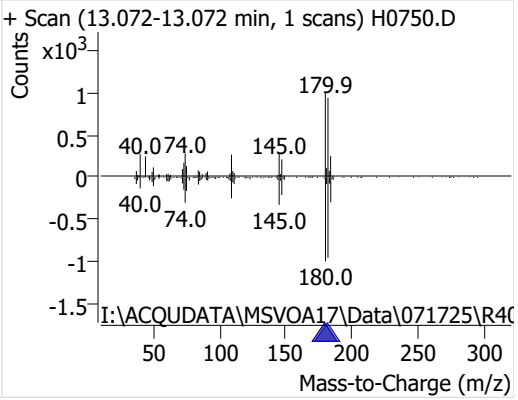




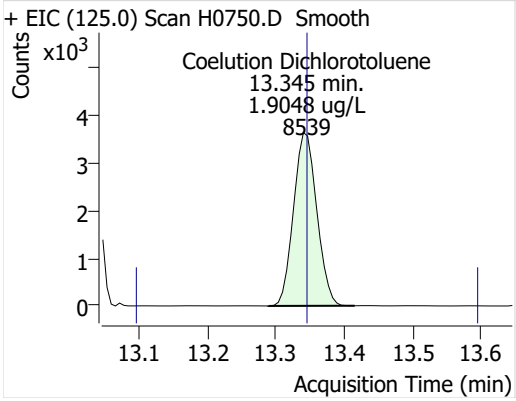
1,3,5-Trichlorobenzene

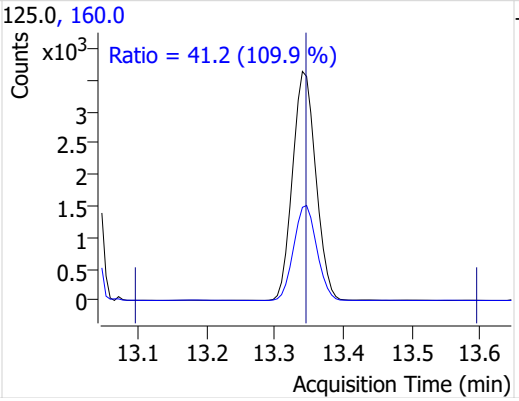


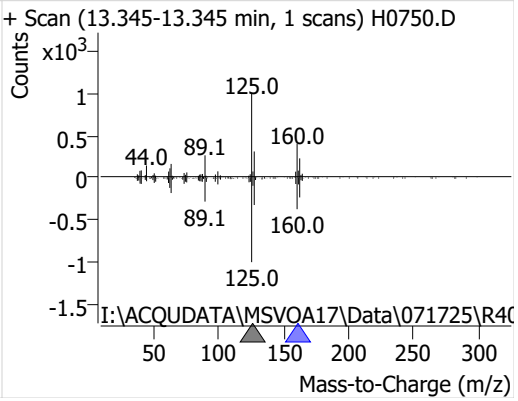




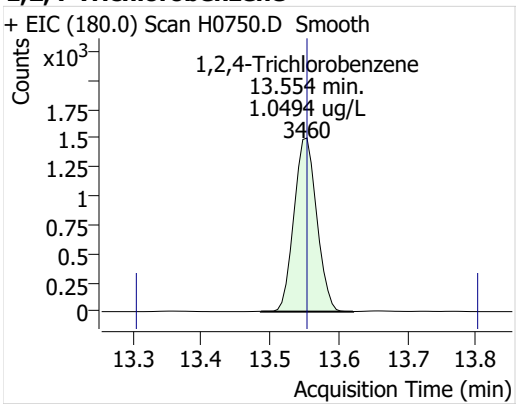
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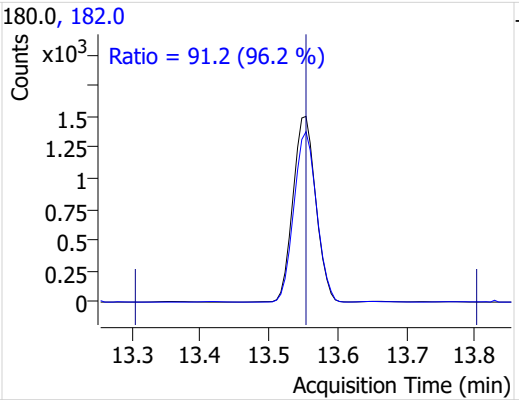


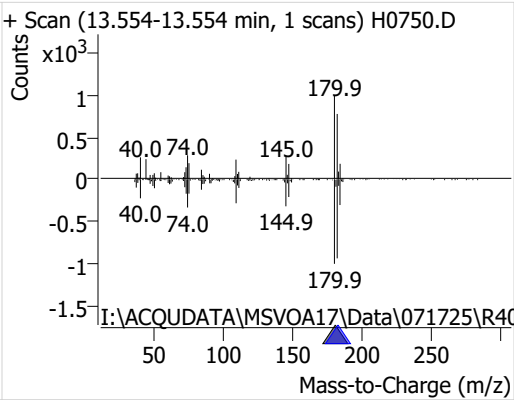




1,2,4-Trichlorobenzene

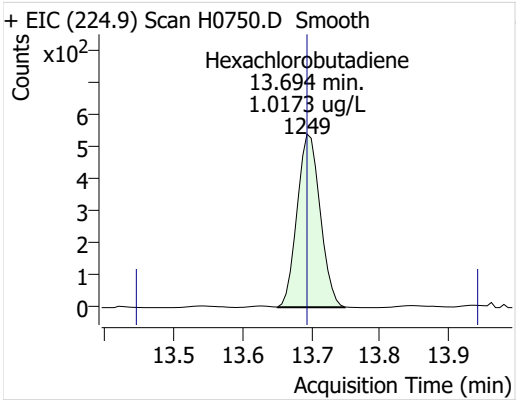


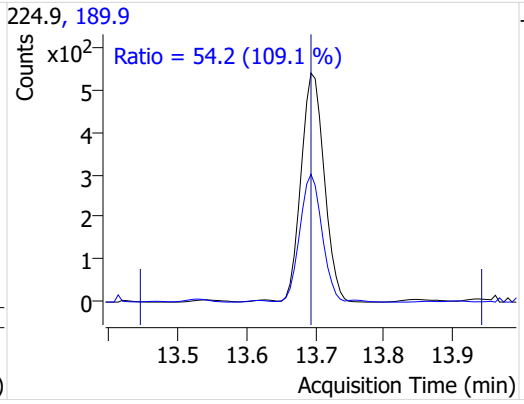


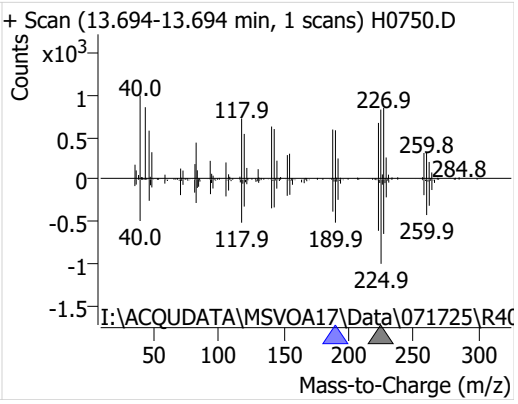


Masshunter Quantitative Analysis Sample Report

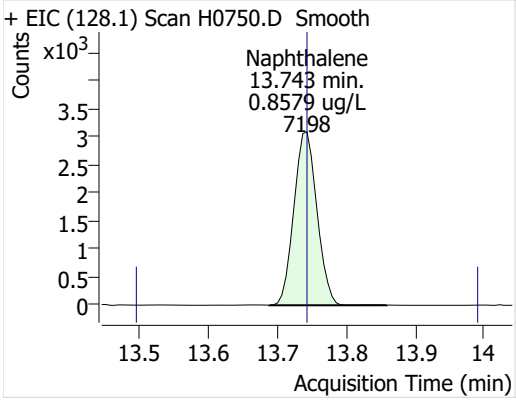
Hexachlorobutadiene

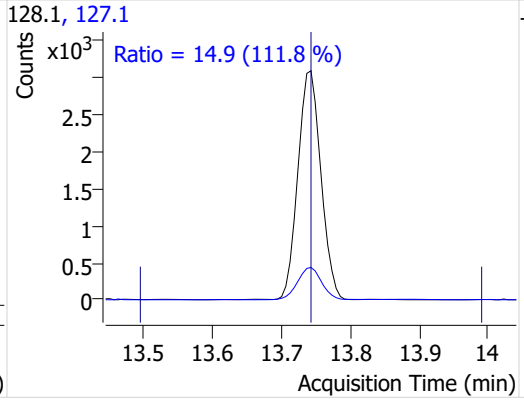


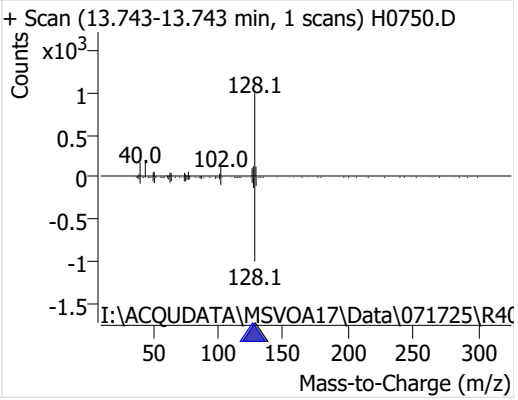




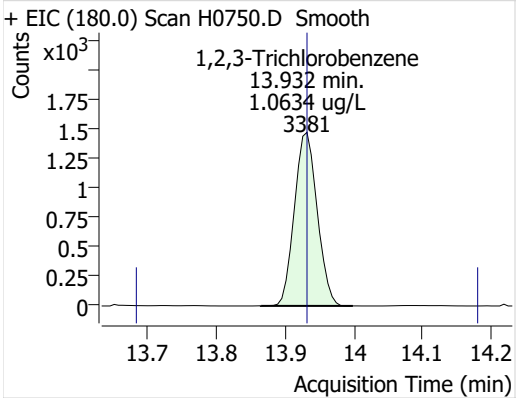
Naphthalene

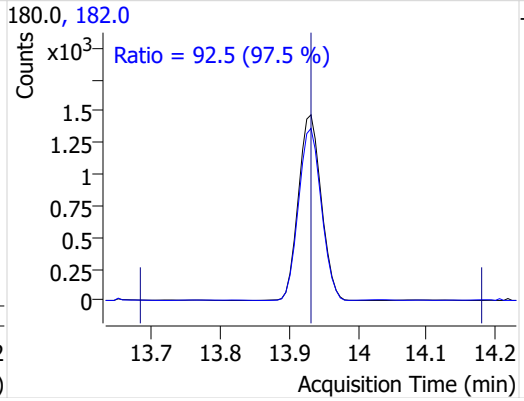


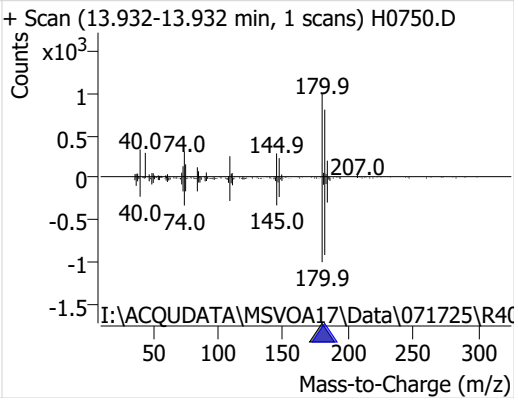




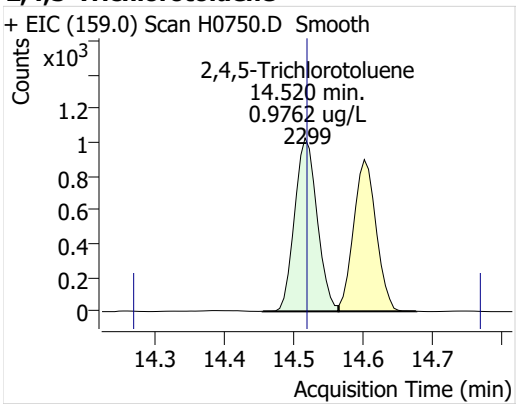
1,2,3-Trichlorobenzene

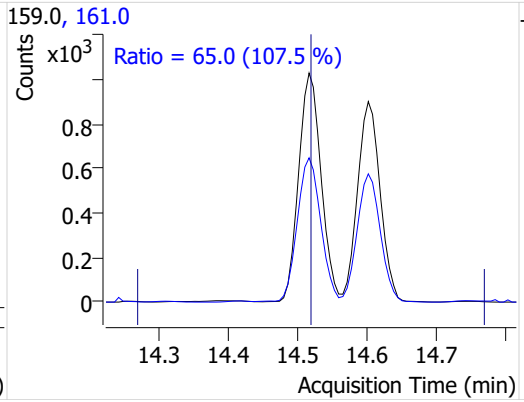


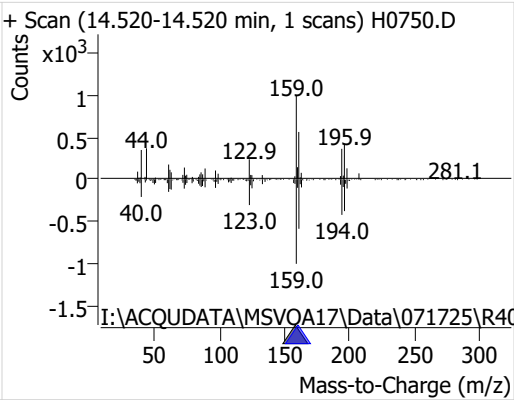




2,4,5-Trichlorotoluene

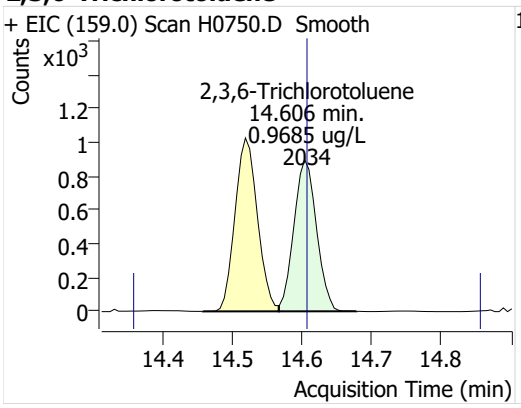


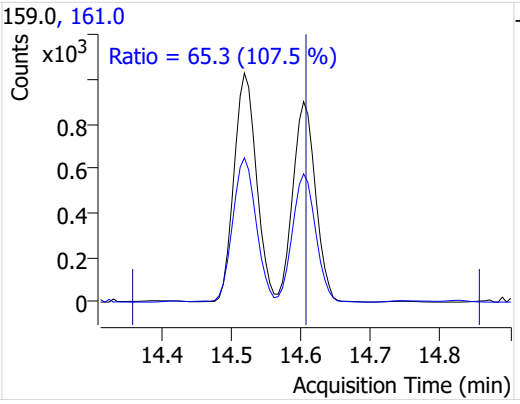


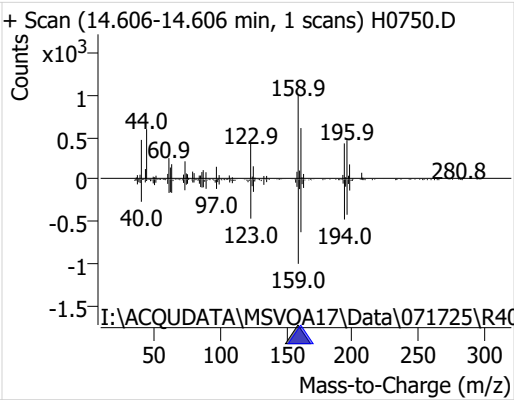


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene





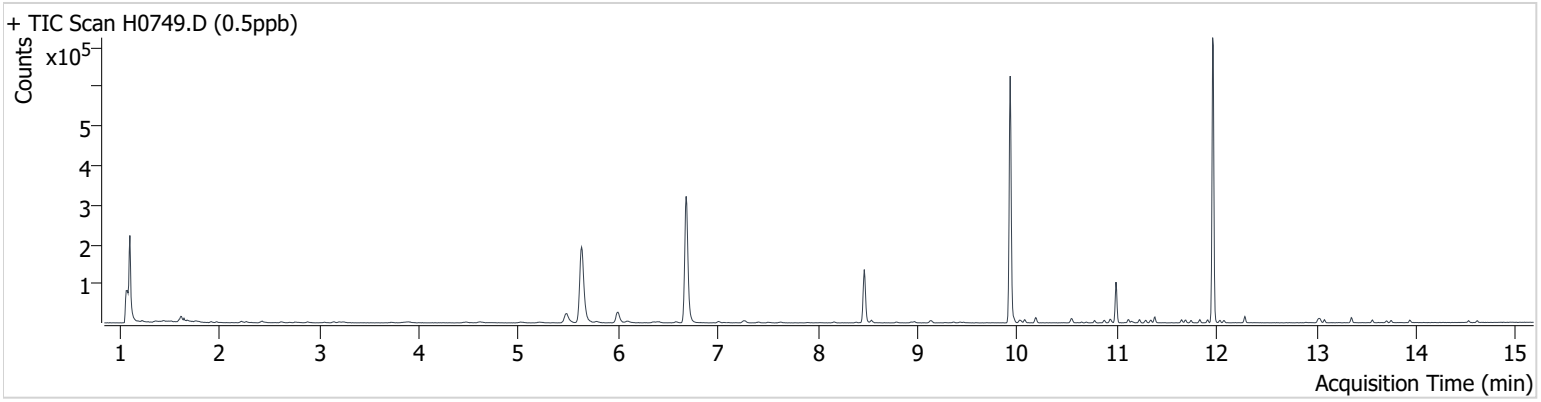


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin

H0749.D

Acq. Date-Time	9/8/2025 2:53:54 PM	**Name**	0.5ppb
Type	Cal	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/9/2025 11:25:45 AM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	203334	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	328445	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	291790	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	154790	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	22160	10.4655	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	87899	10.7402	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.985	0.001	24705	9.9190	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	25854	10.5788	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	1395	0.5597	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	1344	0.5429	ug/L
Chloromethane	50.100	0.240	0.000	1.352	0.001	1287	0.5675	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.003	1616	0.6087	ug/L
Bromomethane	94.000	0.298	0.001	1.677	0.006	1520	0.3999	ug/L
Chloroethane	64.000	0.313	0.001	1.760	0.003	1244	0.6395	ug/L
Fluorodichloromethane	67.000	0.340	0.000	1.912	0.002	2063	0.5152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	1889	0.5209	ug/L
Freon 123a	117.000	0.394	0.000	2.213	0.000	1144	0.5293	ug/L
Diethyl Ether	59.000	0.395	0.001	2.221	0.005	979	0.5259	ug/L
Freon 123	83.000	0.403	0.000	2.266	0.001	1753	0.5394	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.002	286	2.1852	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	1751	0.5321	ug/L
Freon 113	101.000	0.432	0.000	2.427	0.001	1342	0.5929	ug/L
Acetone	43.000	0.438	0.001	2.464	0.008	677	0.7449	ug/L
Iodomethane	142.000	0.454	0.001	2.554	0.007	452	2.2158	ug/L
2-Propanol	45.000	0.465	0.001	2.612	0.012	937	7.0356	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	2874	0.5214	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	2384 LT	3.2216	ug/L
Methyl Acetate	43.000	0.497	0.001	2.794	0.008	1157	0.6412	ug/L

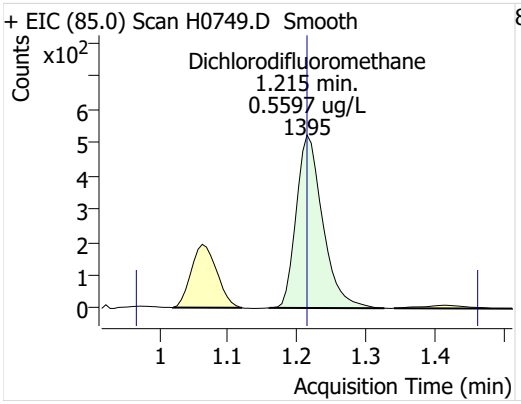
Masshunter Quantitative Analysis Sample Report

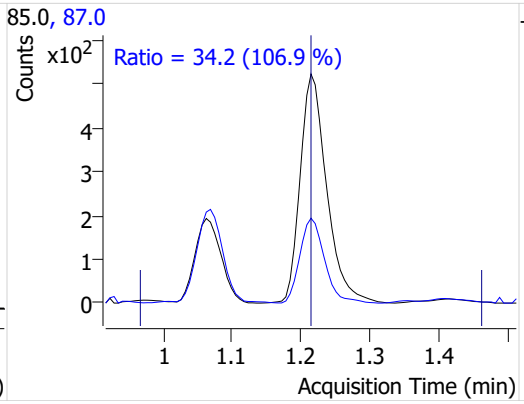
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.512	0.001	2.879	0.006	1309	0.5924	ug/L
TBA	59.000	0.541	0.003	3.044	0.018	1810	8.7993	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	2115	2.2616	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	1569	0.5389	ug/L
MTBE	73.000	0.576	0.003	3.239	0.018	2781	0.4571	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	2010	0.5387	ug/L
Vinyl Acetate	43.000	0.681	0.001	3.830	0.008	1556	0.4941	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.000	771 NI	0.4402	ug/L
Diisopropyl ether	45.000	0.692	0.002	3.891	0.012	2907	0.4562	ug/L
ETBE	59.000	0.794	0.002	4.464	0.014	2749	0.4610	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	1189	0.5110	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	1401	0.5024	ug/L
2-Butanone	43.000	0.836	0.005	4.699	0.024	781	0.6828	ug/L
Propionitrile	54.000	0.842	0.002	4.732	0.015	787	2.1902	ug/L
Bromochloromethane	129.900	0.893	0.001	5.019	0.003	811	0.4963	ug/L
Methylacrylonitrile	67.000	0.895	0.002	5.034	0.013	450	0.4801	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	2229	0.5807	ug/L
1,1,1-Trichloroethane	97.000	0.979	0.001	5.507	0.003	1438	0.4566	ug/L
Cyclohexane	84.000	0.843	0.003	5.622	0.015	7366	0.6418	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.779	0.003	1429	0.5089	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	1431	0.5478	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	4273	0.5436	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.003	1504	0.4948	ug/L
Iso-Butyl Alcohol	43.000	0.919	0.005	6.133	0.033	623	16.3416	ug/L
TAME	73.000	1.129	0.003	6.348	0.018	2374	0.4289	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.000	1494	0.8405	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	1312	0.5429	ug/L
1-Butanol	56.000	1.061	0.008	7.079	0.046	704	13.0109	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	1431	0.5023	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.003	1070	0.4950	ug/L
Dibromomethane	173.900	1.109	0.000	7.396	0.000	873	0.5657	ug/L
1,4-Dioxane	88.000	1.127	0.005	7.518	0.037	312	9.7928	ug/L
Methyl Methacrylate	69.000	1.123	0.000	7.494	0.003	716	0.4832	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	1526	0.5324	ug/L
2-Nitropropane	43.000	1.183	0.000	7.891	0.002	767	1.5104	ug/L
2-Chloroethylvinyl Ether	63.000	1.203	0.000	8.024	0.003	349	0.5418	ug/L
cis-1,3-Dichloropropene	75.000	1.223	0.000	8.159	0.000	1264	0.4434	ug/L
4-Methyl-2-Pentanone	43.000	1.256	0.001	8.378	0.009	1014	0.4853	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	4152	0.4827	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	1277	0.5099	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	1303	0.4985	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	950	0.4790	ug/L
Tetrachloroethene	165.900	0.919	0.000	9.122	0.000	1111	0.5042	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	1766	0.5235	ug/L
2-Hexanone	58.000	0.934	0.001	9.268	0.006	356	0.4321	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	1208	0.5138	ug/L
N-Butyl Acetate	43.000	0.950	0.001	9.420	0.006	1568	0.4979	ug/L
1,2-Dibromoethane	106.900	0.953	0.001	9.457	0.003	1028	0.5250	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.009	3184	0.5210	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.000	1666	0.5233	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	1643	0.5443	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	958	0.4500	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	5261	0.5566	ug/L
m,p-Xylene	91.100	1.026	0.000	10.176	0.000	6788	0.9534	ug/L
o-Xylene	91.100	1.062	0.000	10.534	0.000	3353	0.4410	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	2858	0.4474	ug/L
Bromoform	172.900	1.077	0.000	10.682	0.003	761	0.5294	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	1753	0.5500	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	3571	0.4159	ug/L
Cyclohexanone	55.000	1.101	0.001	10.926	0.006	3448	8.3827	ug/L

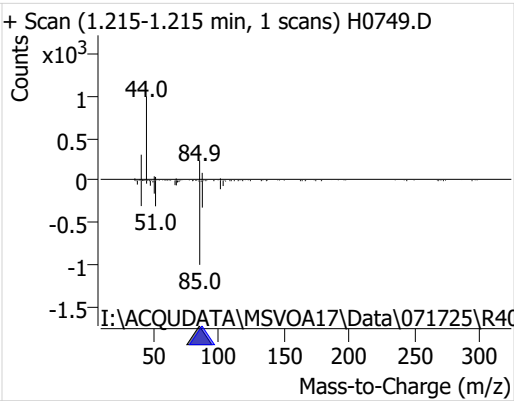
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.003	1324	0.5388	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.003	1264	0.5165	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.140	0.001	1737	0.5719	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	306	0.4543	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	5154	0.5249	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.282	0.001	3103	0.5254	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.333	0.001	2901	0.4878	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.003	3532	0.4716	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	3542	0.4409	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	3685	0.4993	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	3360	0.4580	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	1073	0.4935	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	4435	0.4698	ug/L
1,3-Dichlorobenzene	146.000	0.995	0.000	11.903	0.000	2569	0.5515	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	3731	0.4577	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.003	2908 NI	0.5924	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.000	1143	0.5696	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.068	0.001	1324	0.5734	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	2190	0.4810	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	3434	0.4685	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.003	301	0.4918	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	6008	1.4447	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	1896	0.5367	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.346	0.000	4157	0.9285	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	1768	0.5371	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	723	0.5896	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.003	3644	0.4349	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	1660	0.5229	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.519	0.000	1115	0.4742	ug/L
2,3,6-Trichlorotoluene	159.000	1.221	0.000	14.605	0.001	1043	0.4973	ug/L

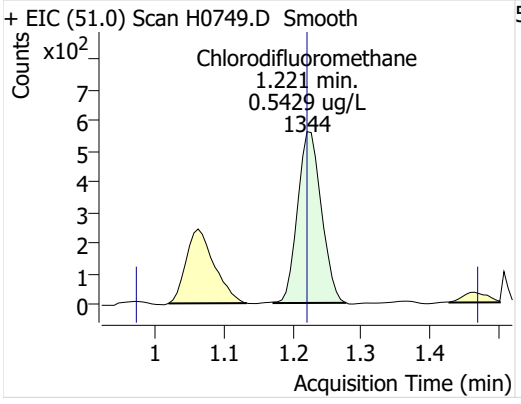
Dichlorodifluoromethane

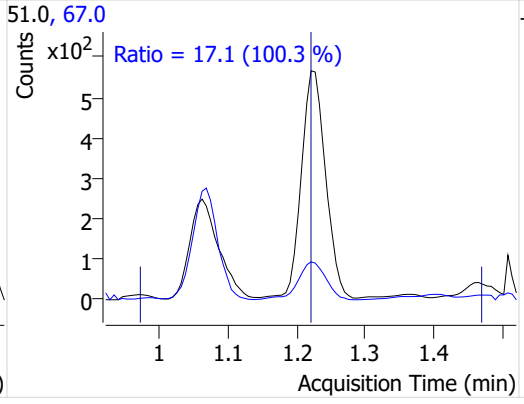


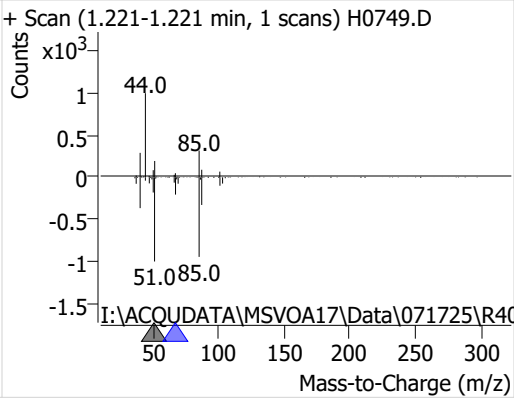




Chlorodifluoromethane

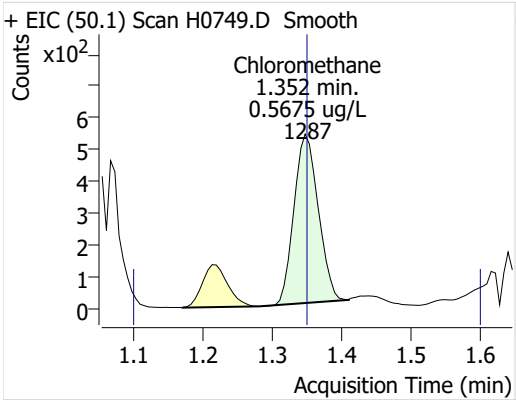


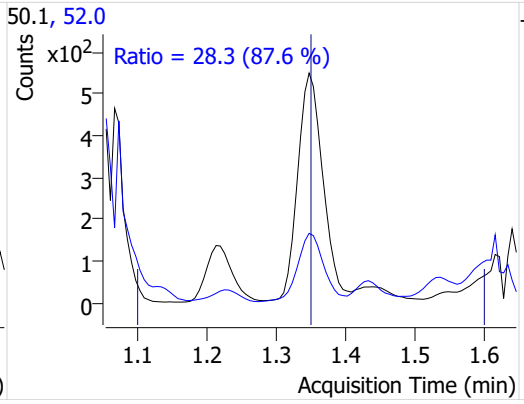


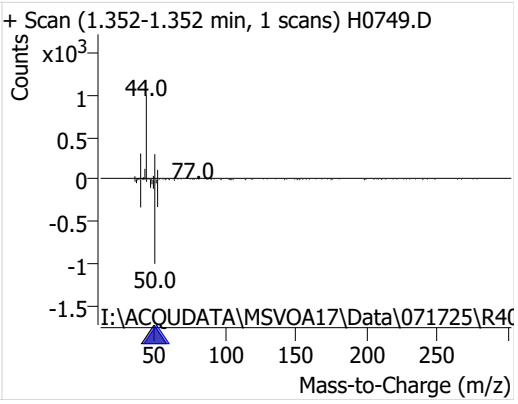


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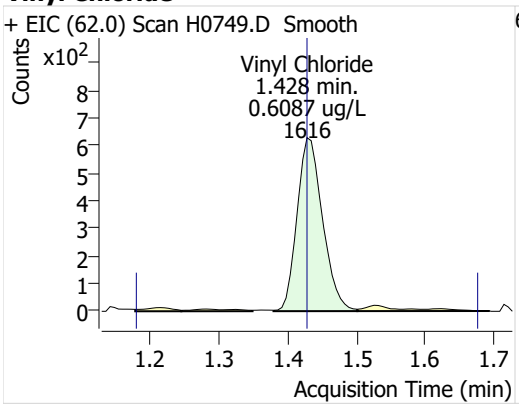
Chloromethane

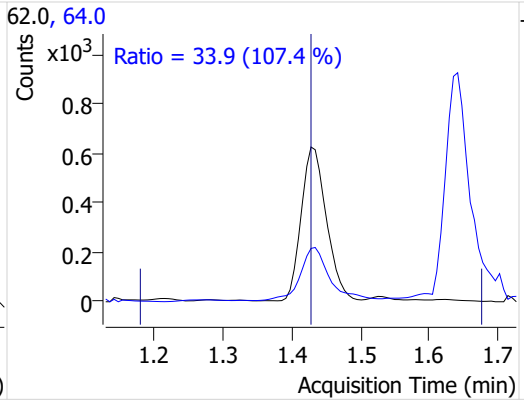


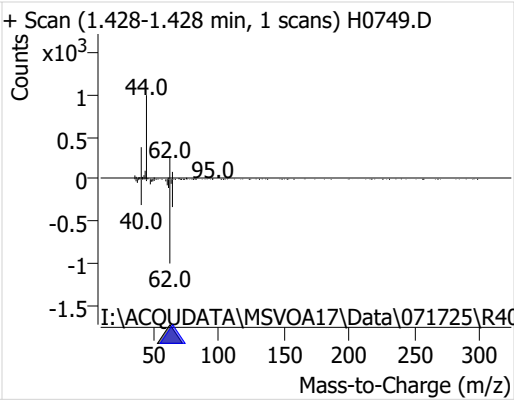




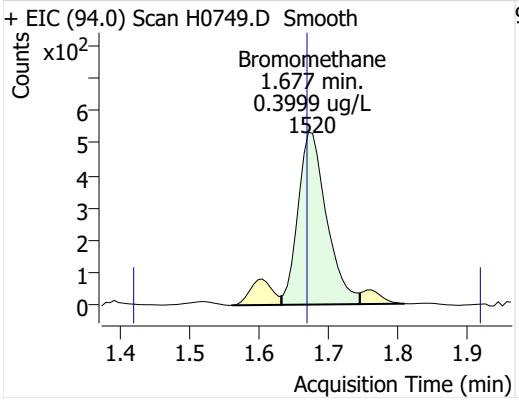
Vinyl Chloride

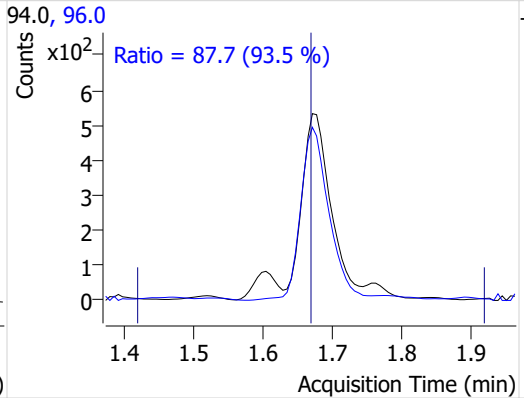


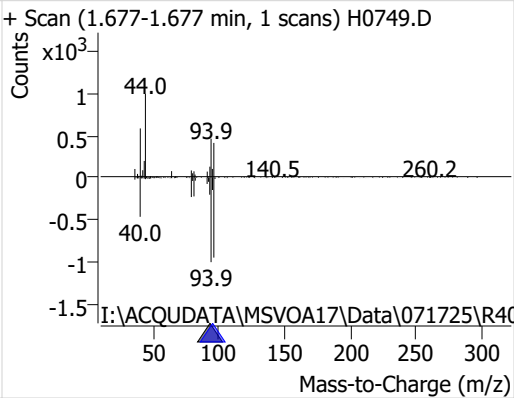




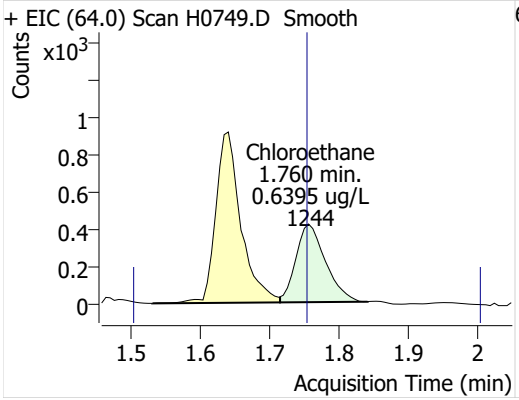
Bromomethane

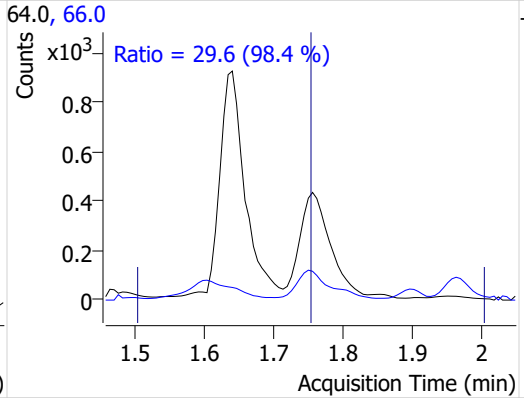


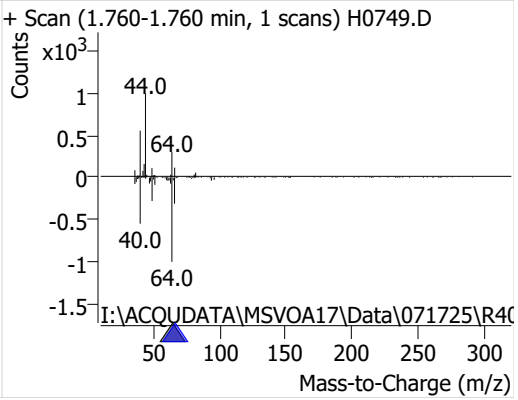




Chloroethane

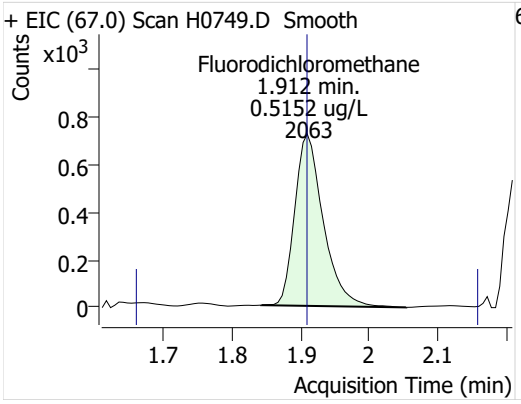


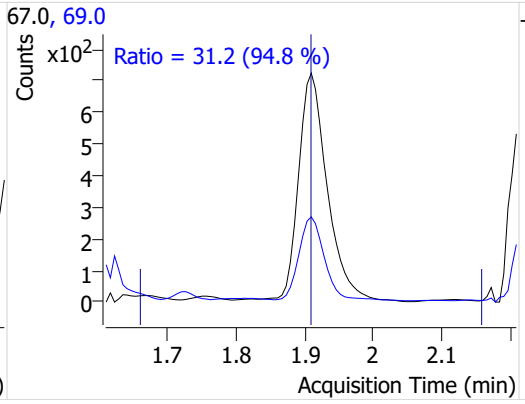


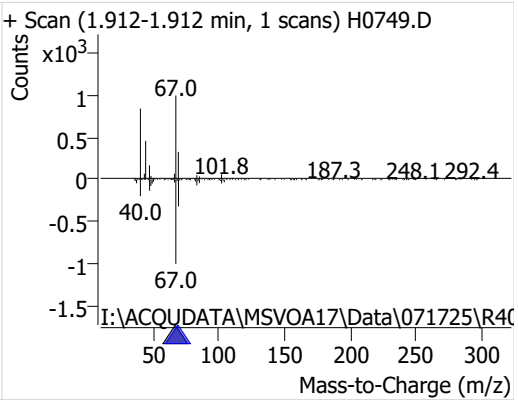


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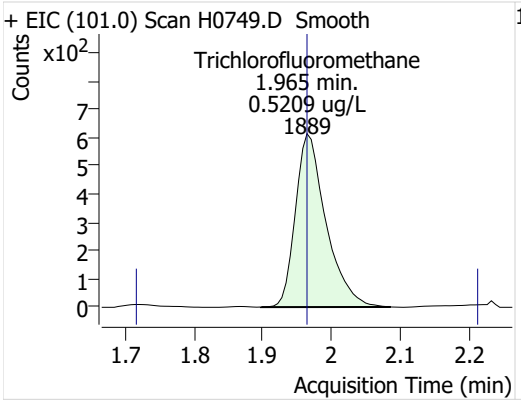
Fluorodichloromethane

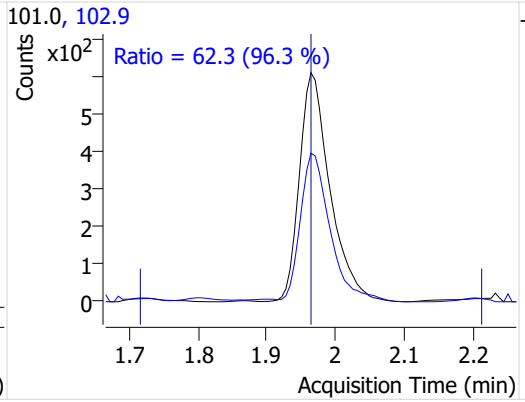


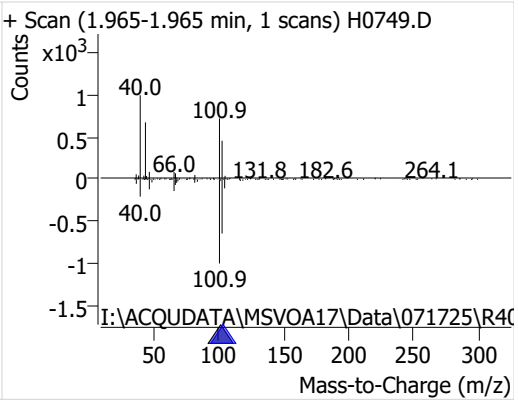




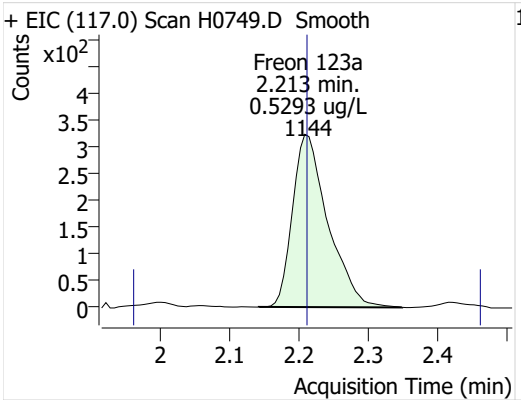
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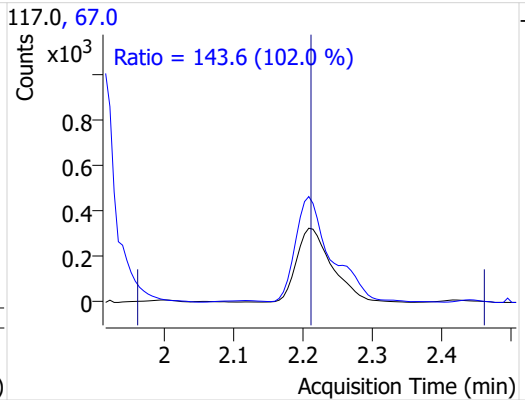


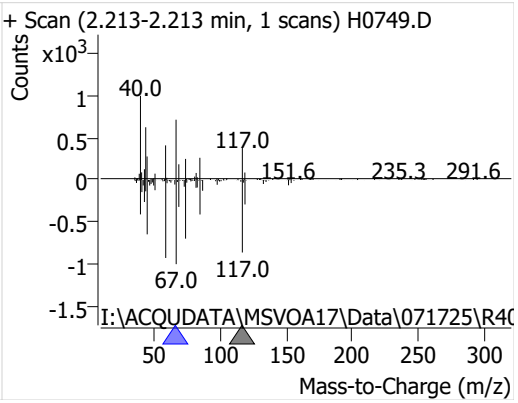




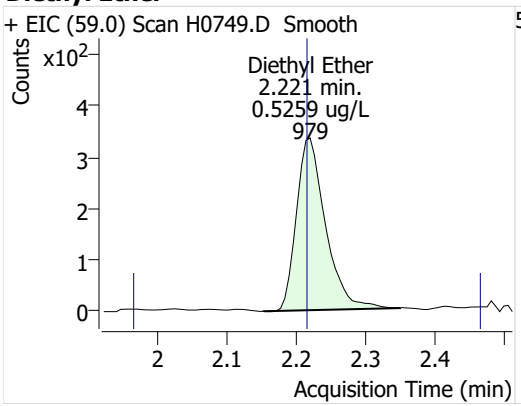
Freon 123a

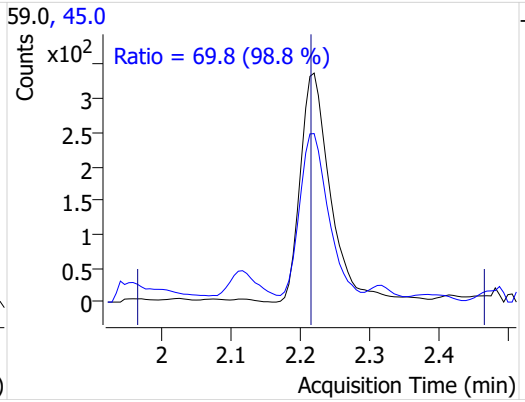


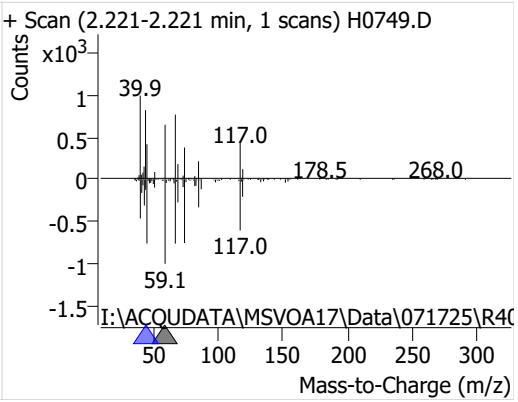




Diethyl Ether

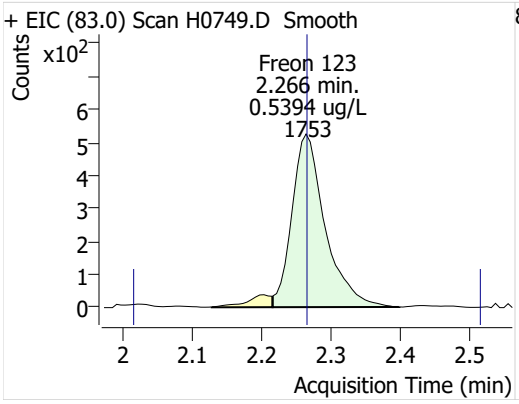


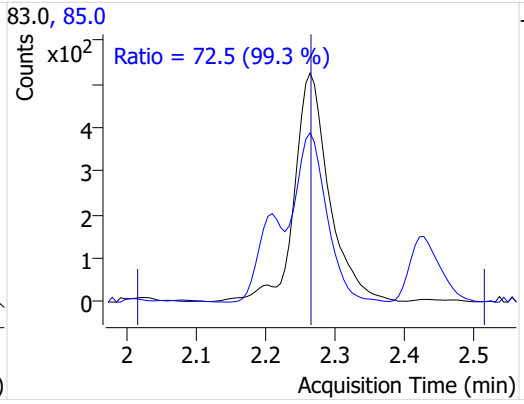


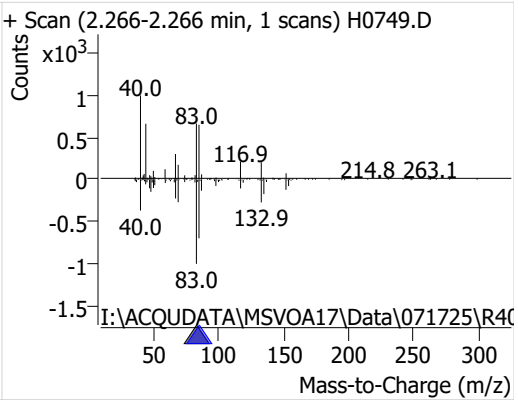


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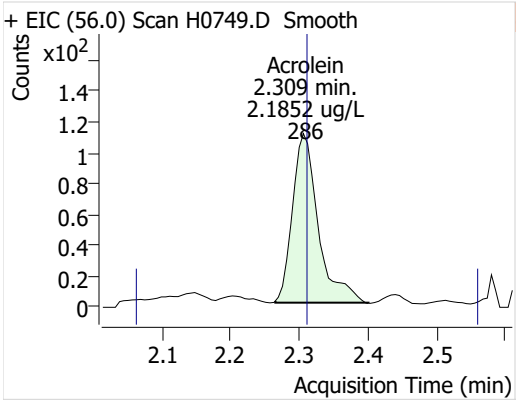
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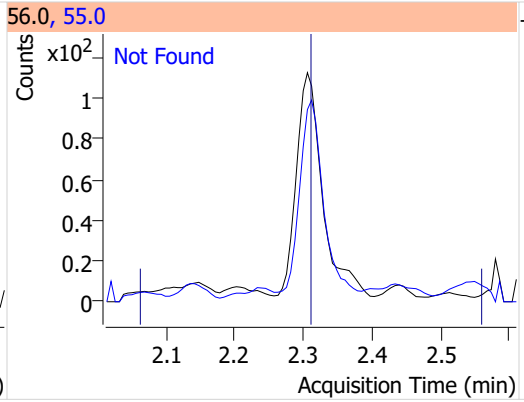


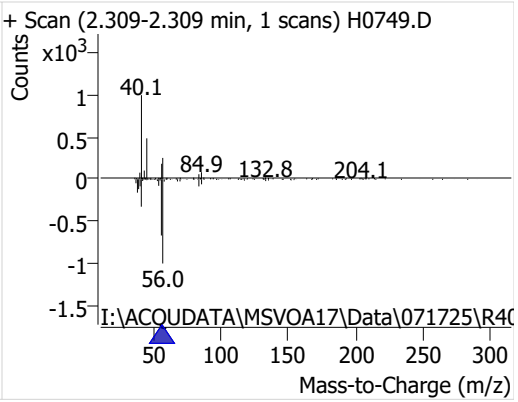




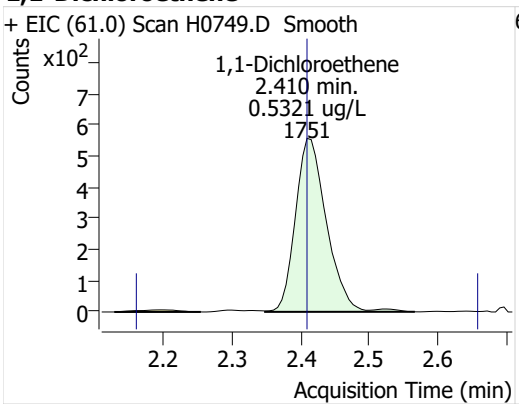
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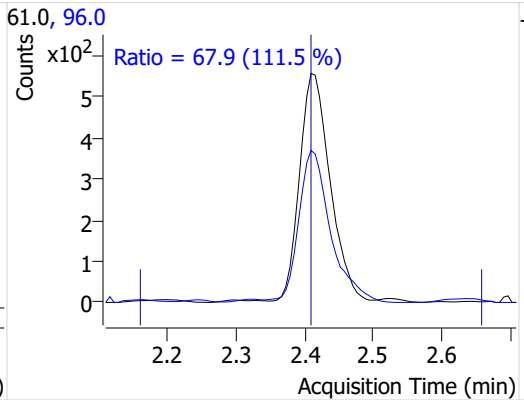


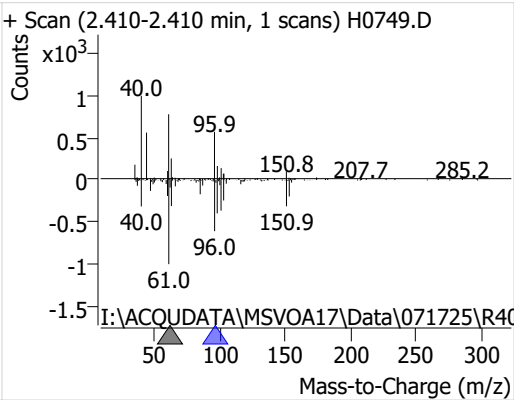




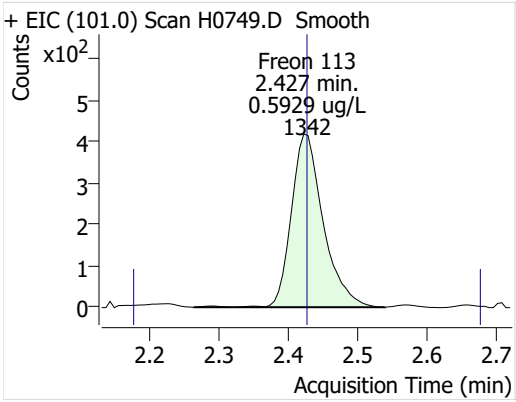
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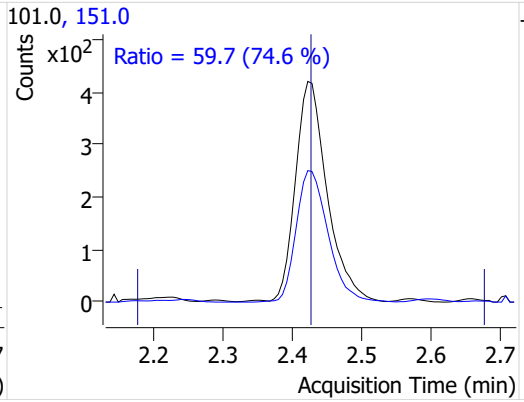


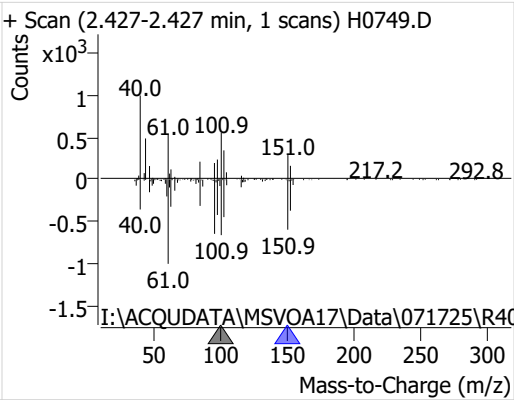




Freon 113

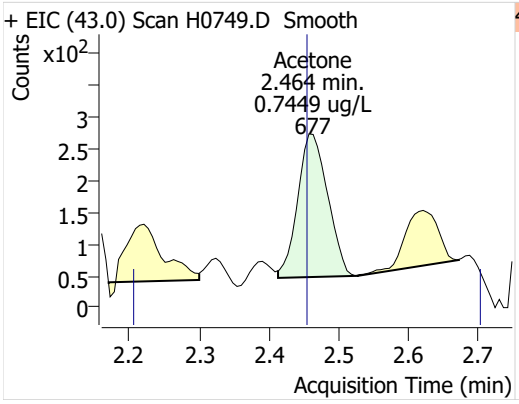


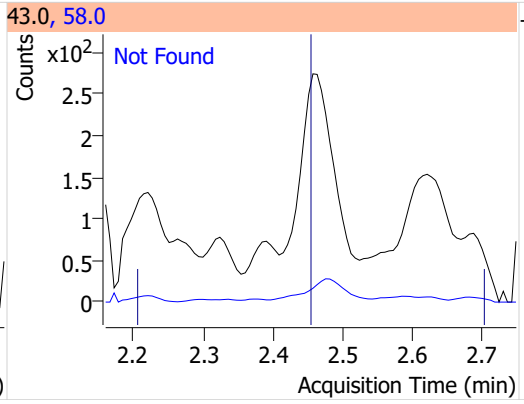


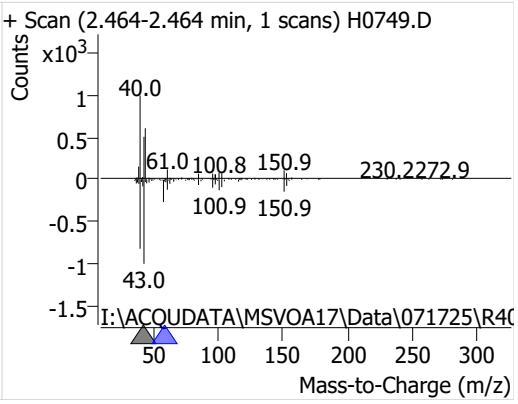


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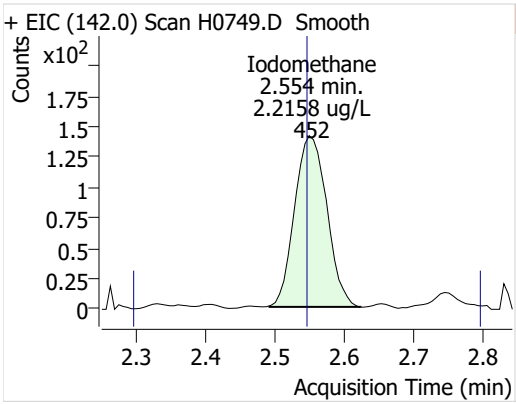
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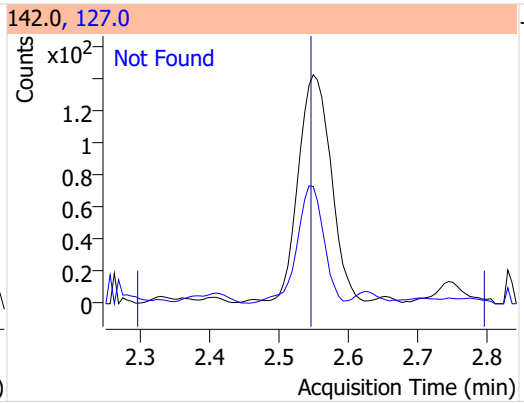


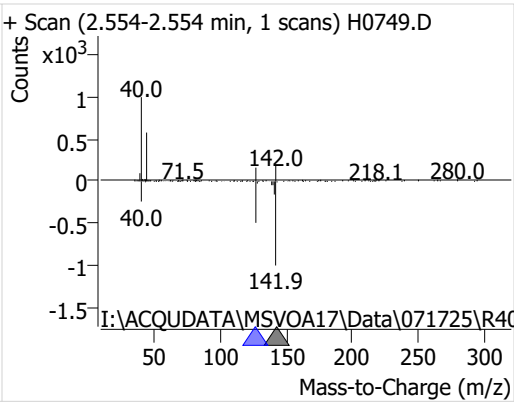




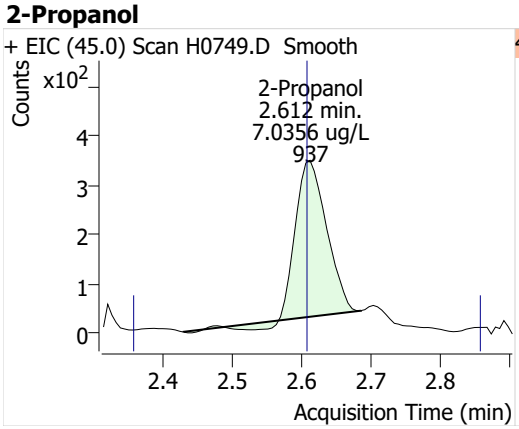
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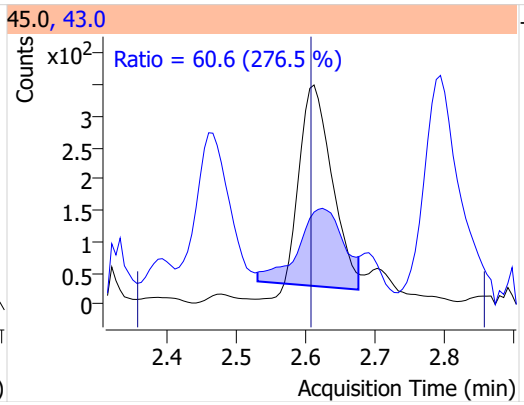


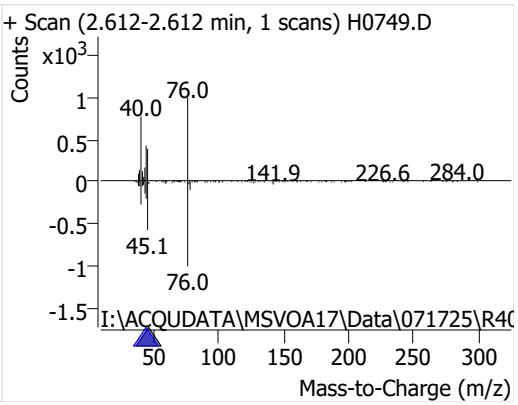




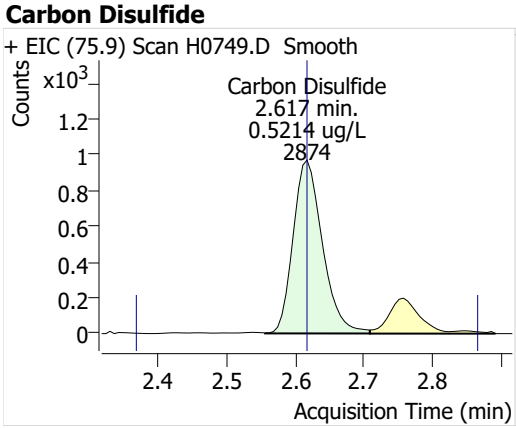
2-Propanol

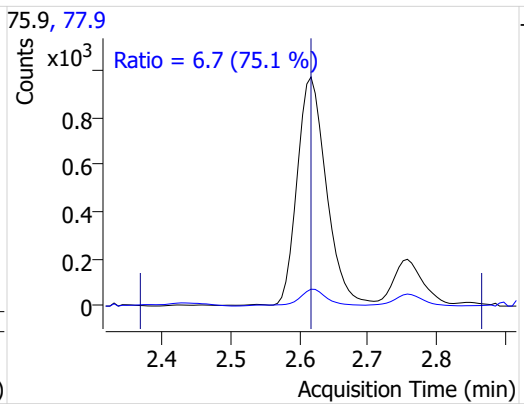


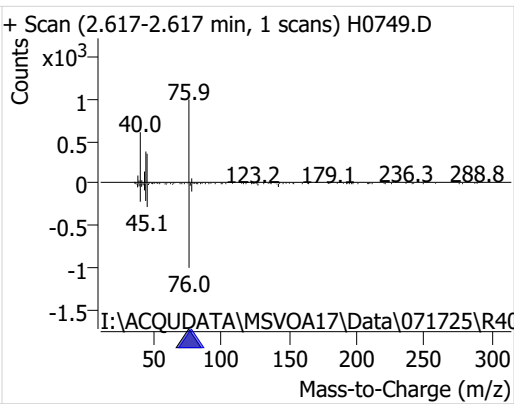




Carbon Disulfide

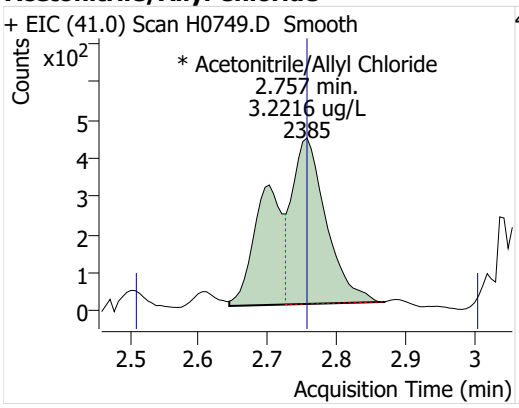


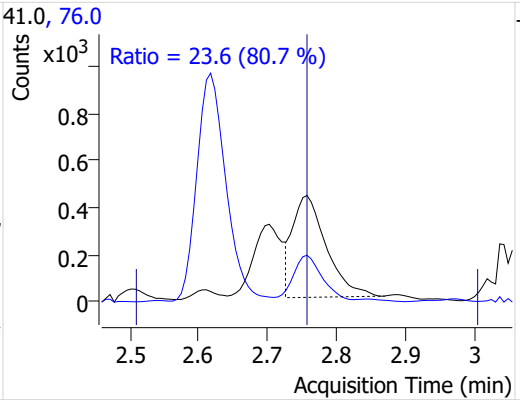


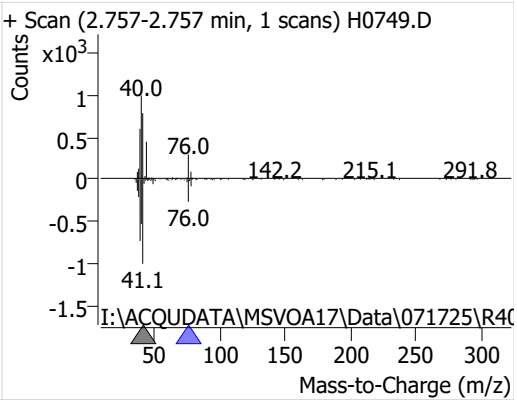


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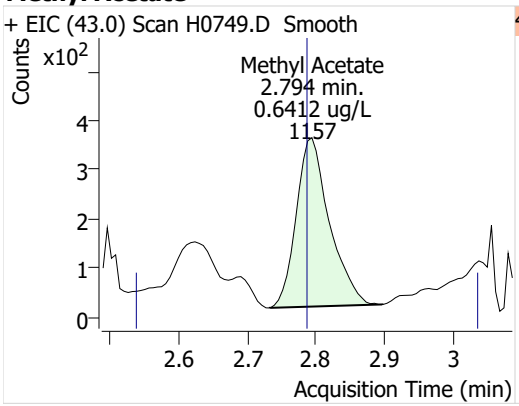
Acetonitrile/Allyl Chloride

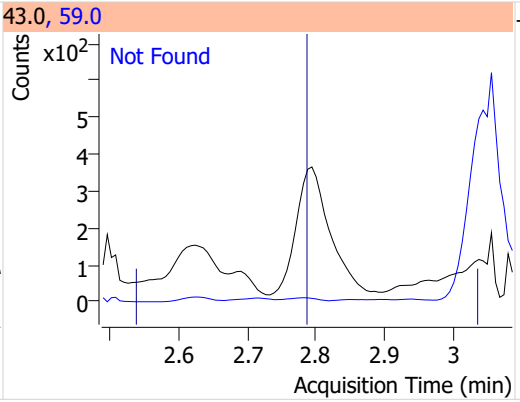


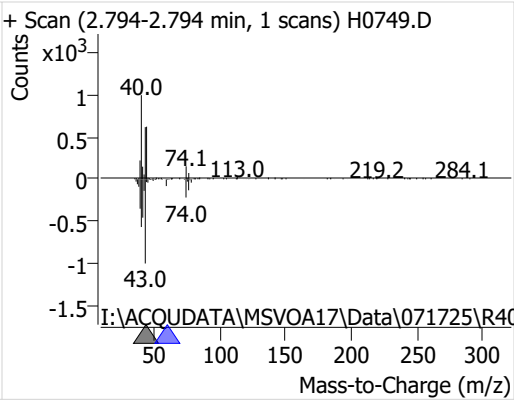




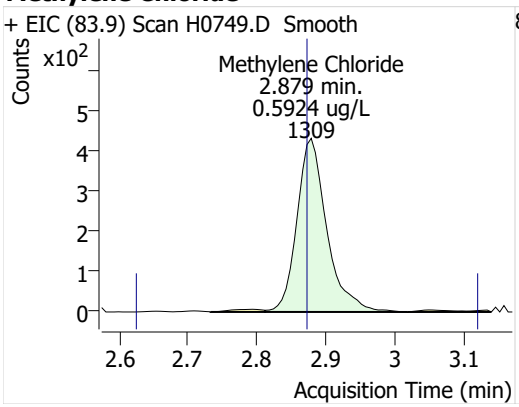
Methyl Acetate

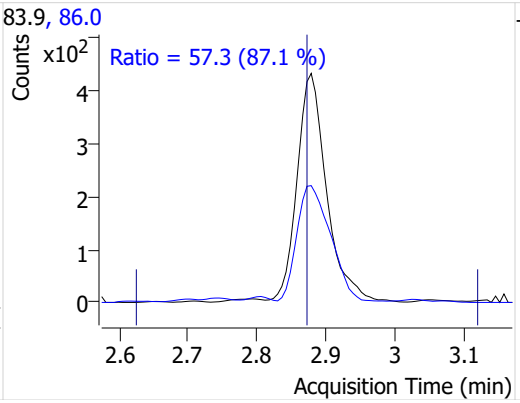


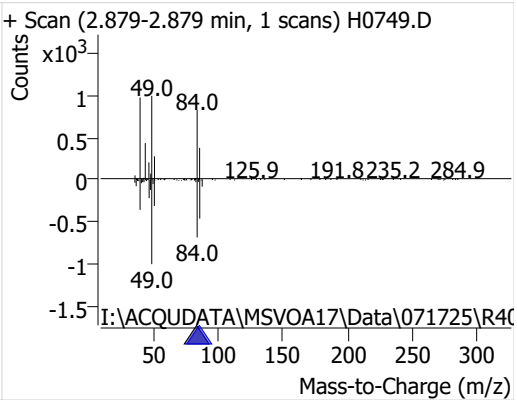




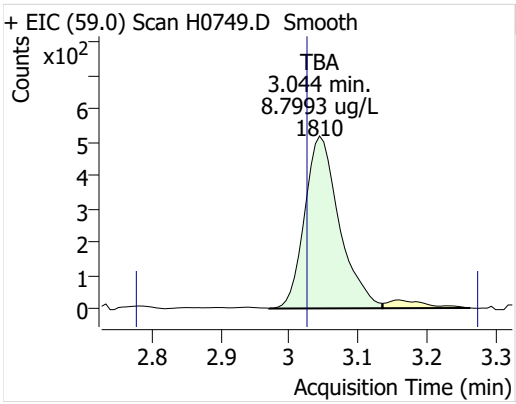
Methylene Chloride

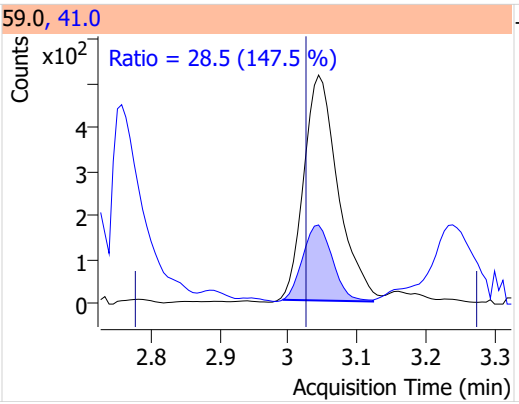


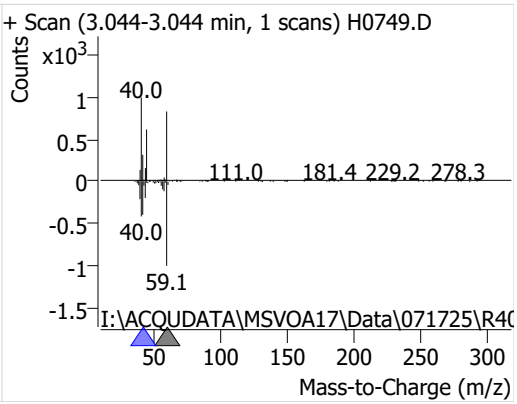




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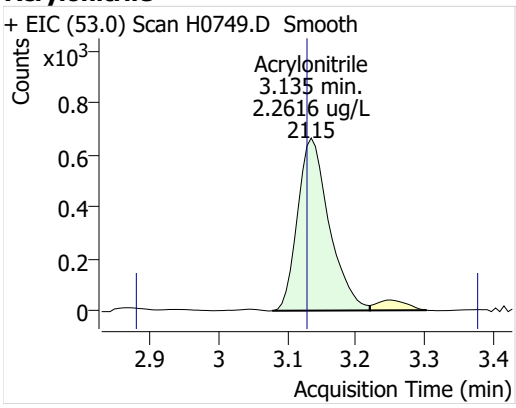


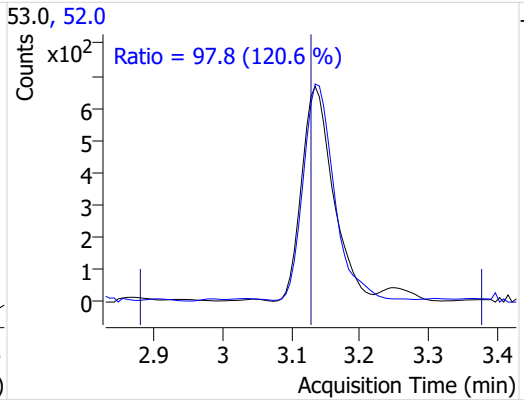


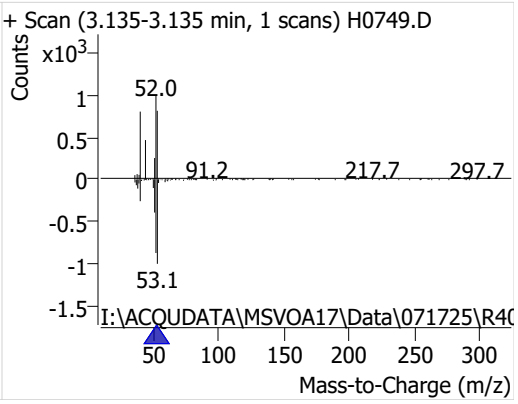


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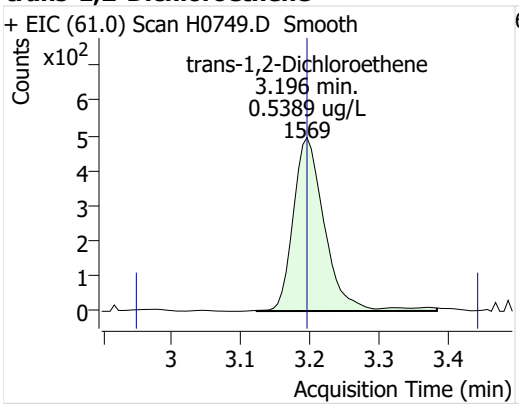
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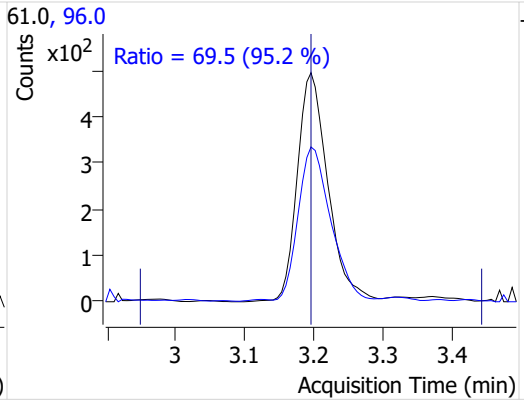


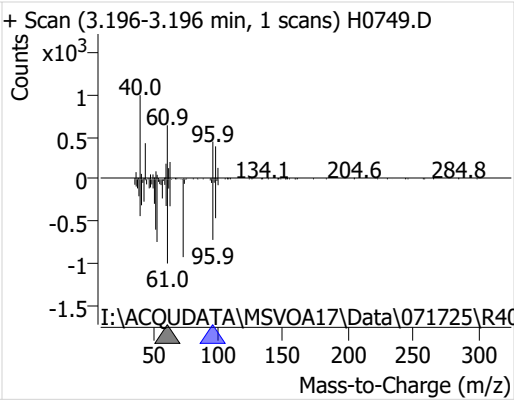




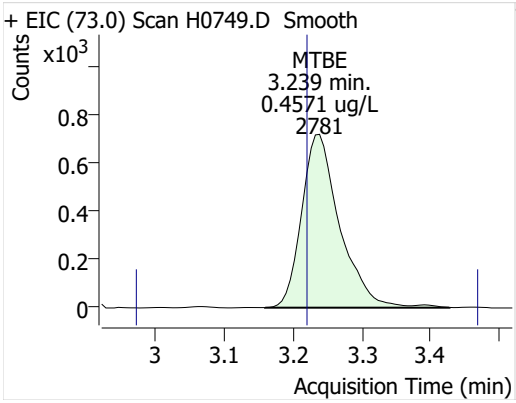
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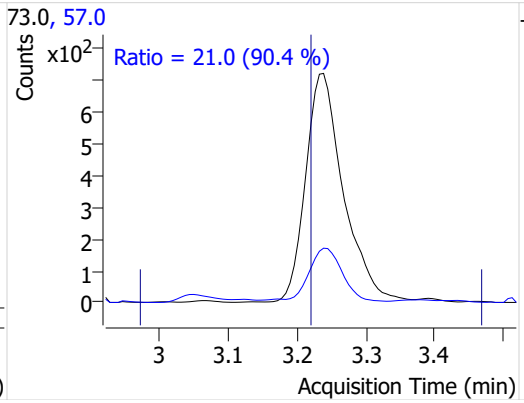


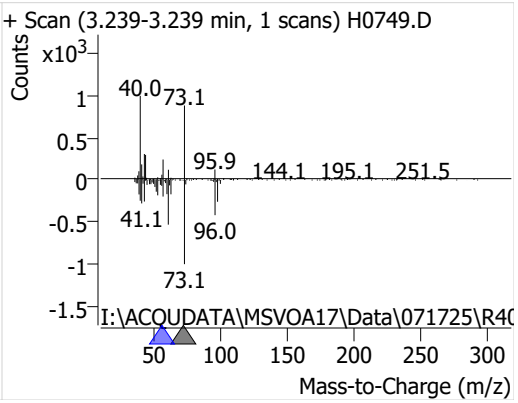




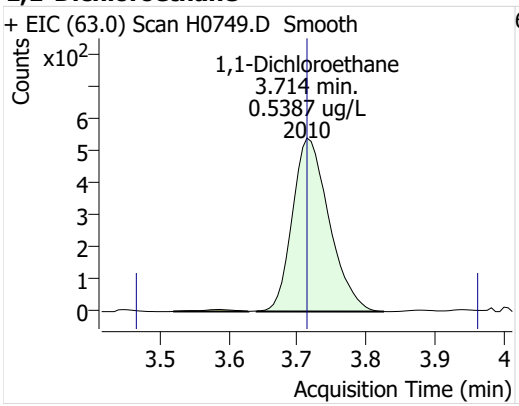
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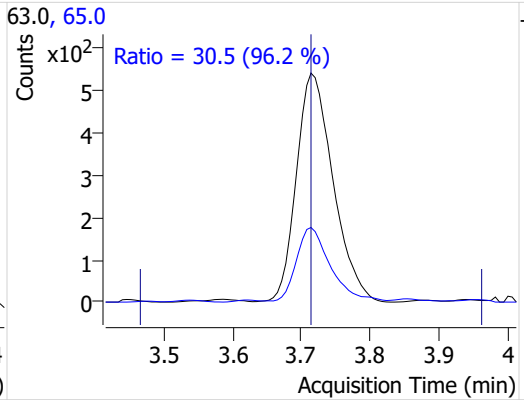


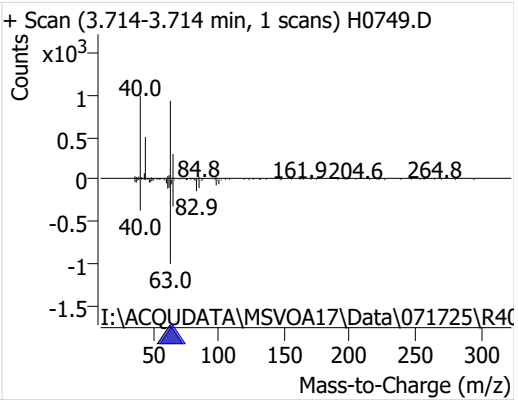




1,1-Dichloroethane

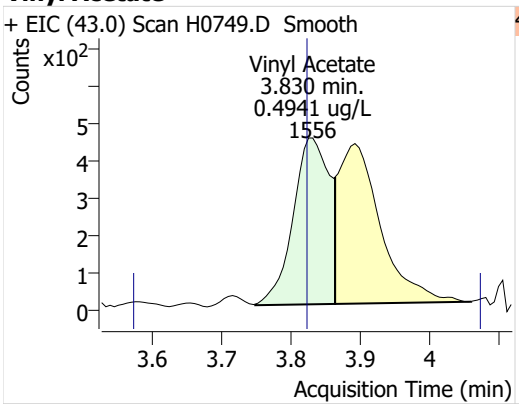


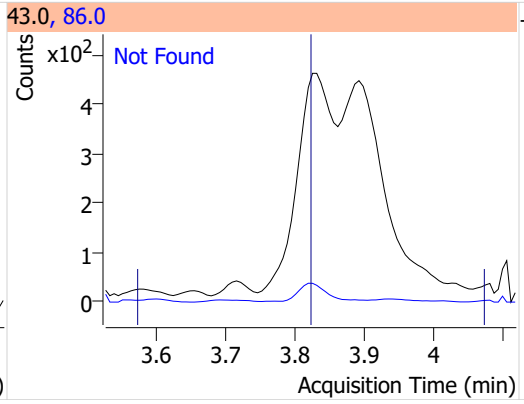


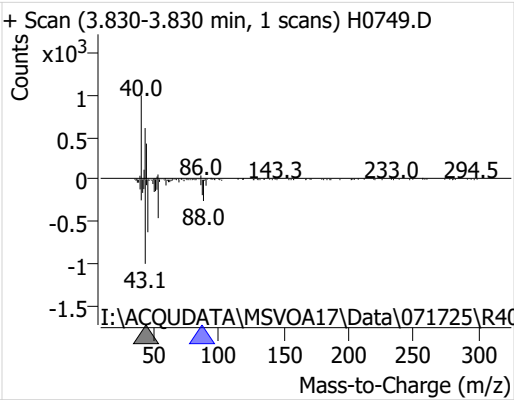


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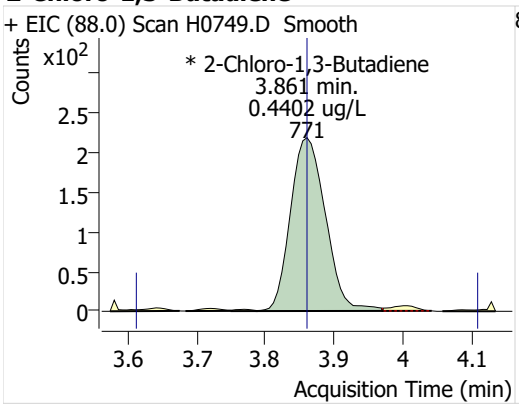
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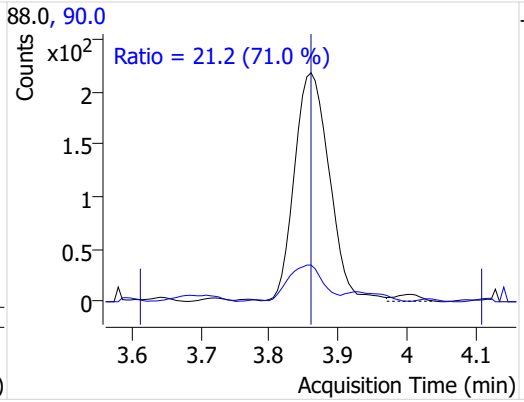


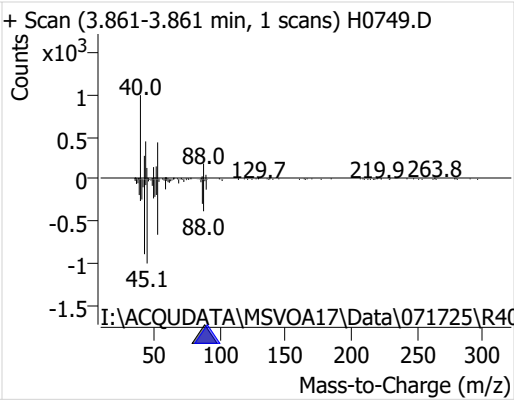




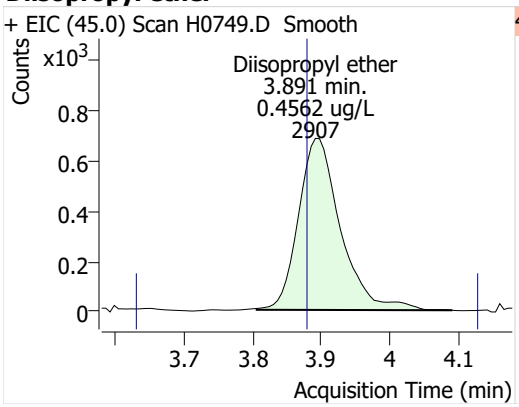
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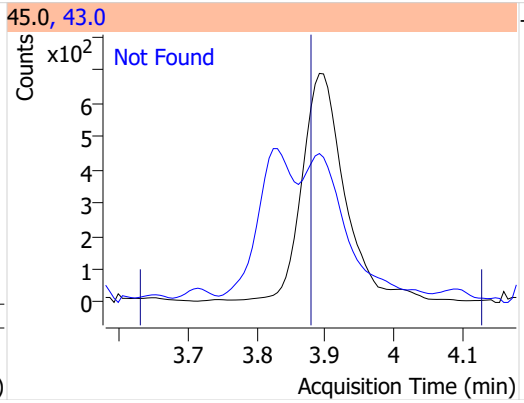


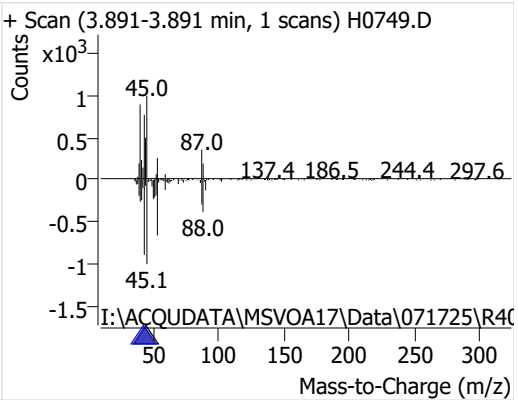




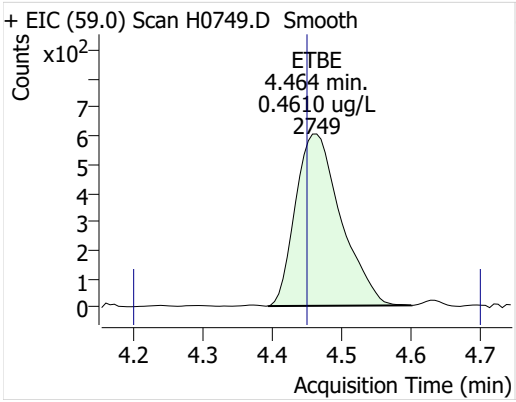
Diisopropyl ether

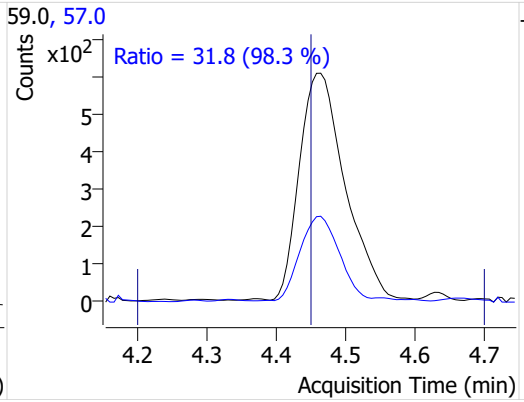


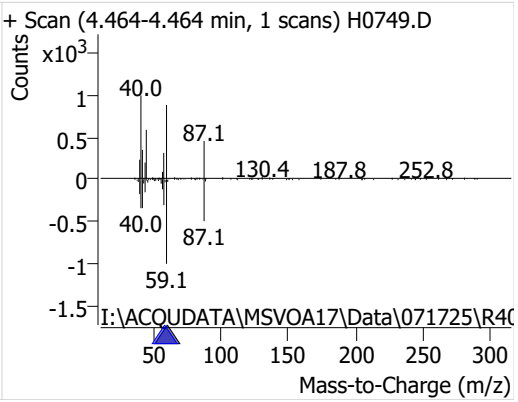




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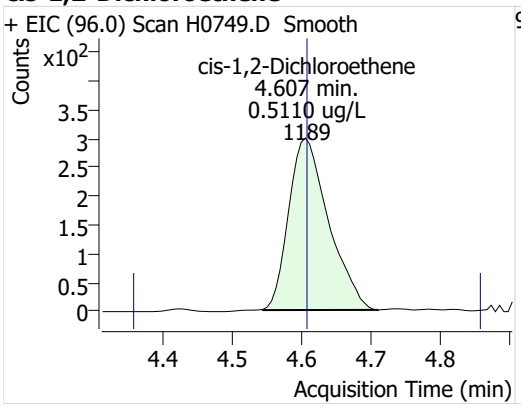


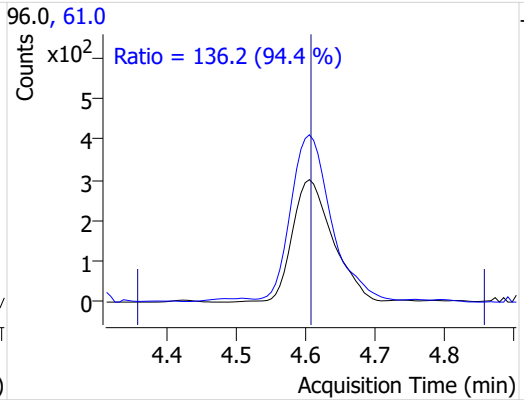


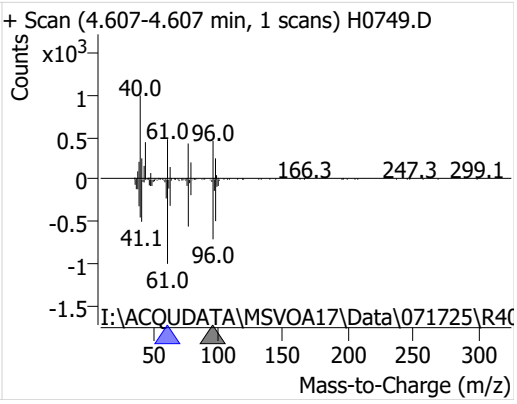


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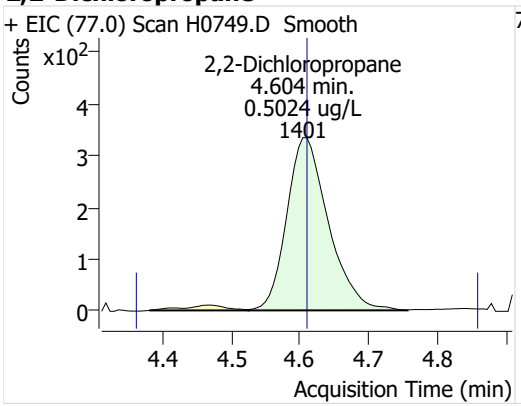
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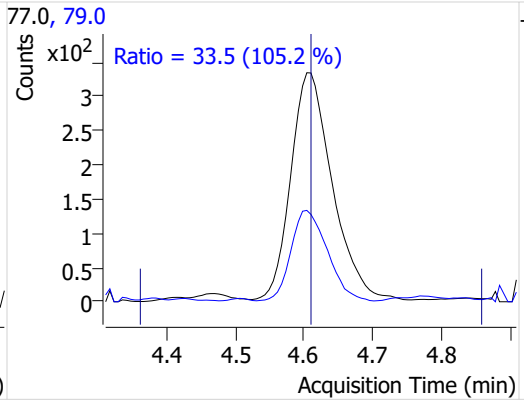


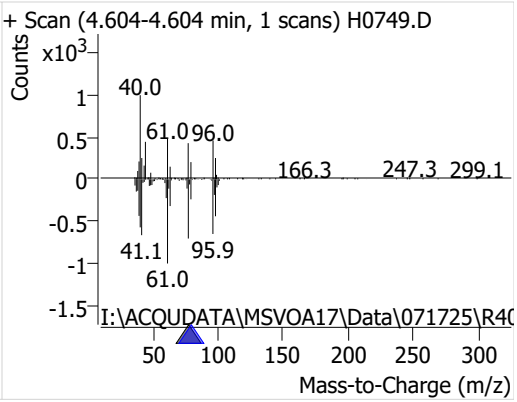




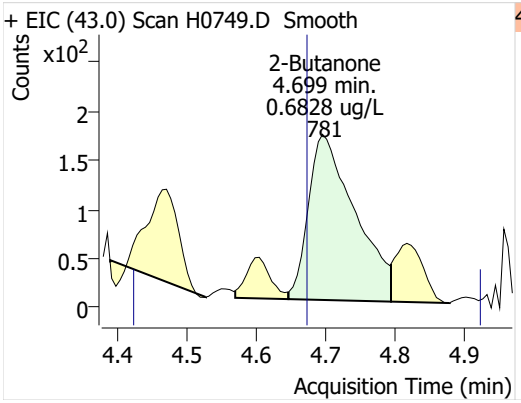
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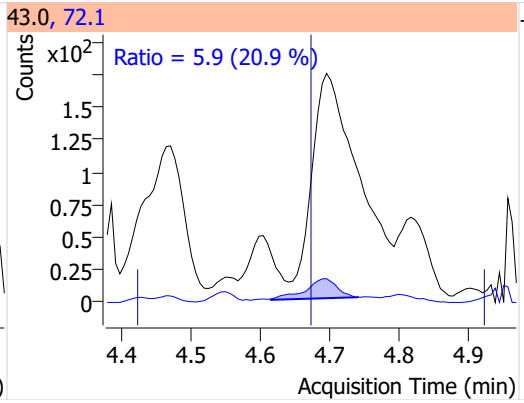


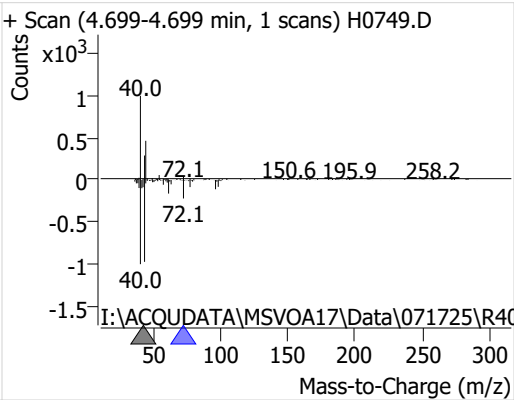




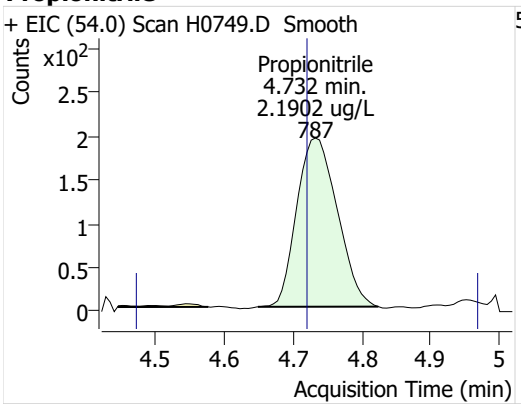
2-Butanone

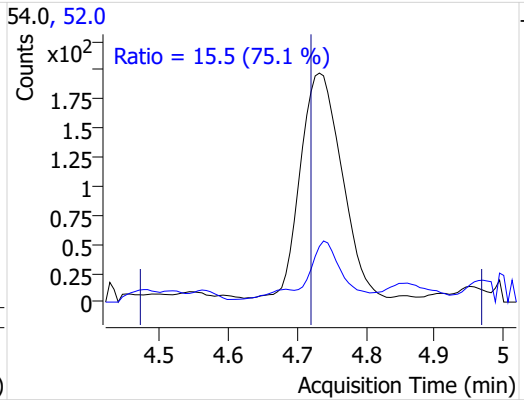


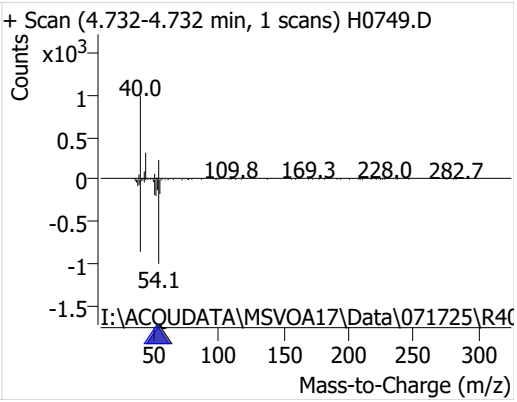




Propionitrile

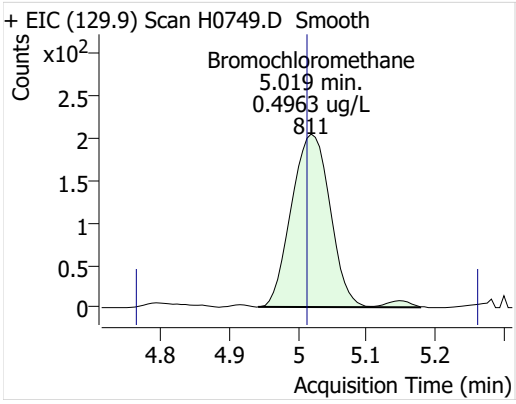


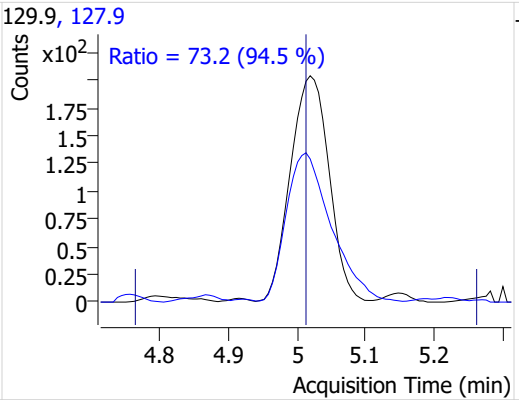


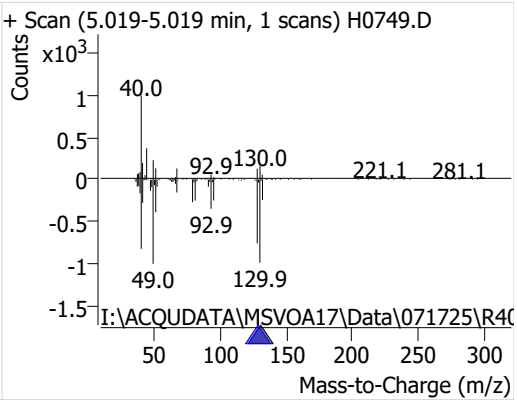


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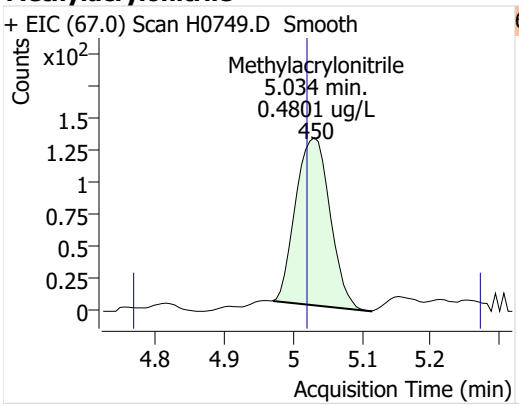
Bromochloromethane

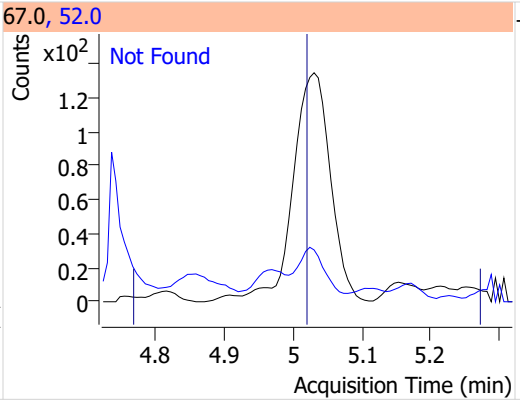


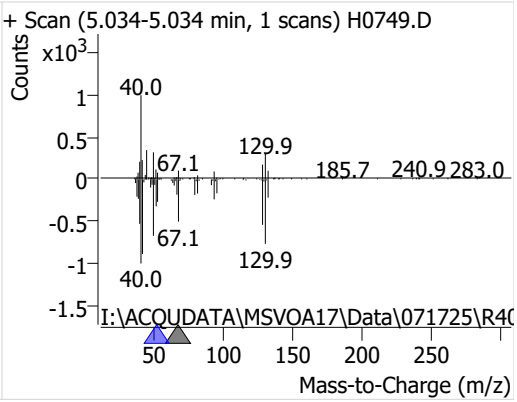




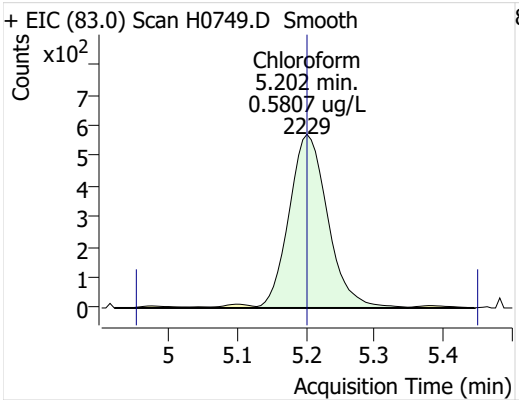
Methylacrylonitrile

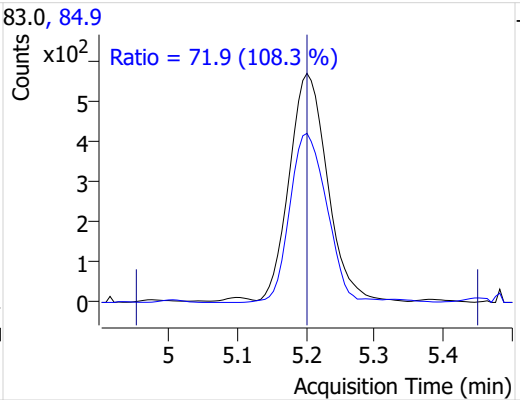


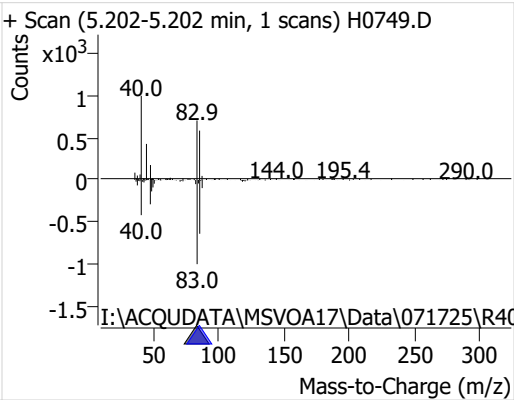




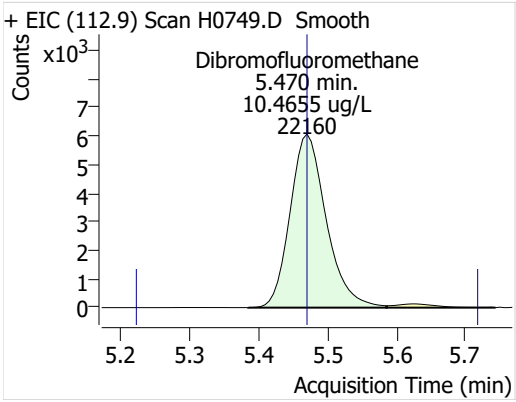
Chloroform

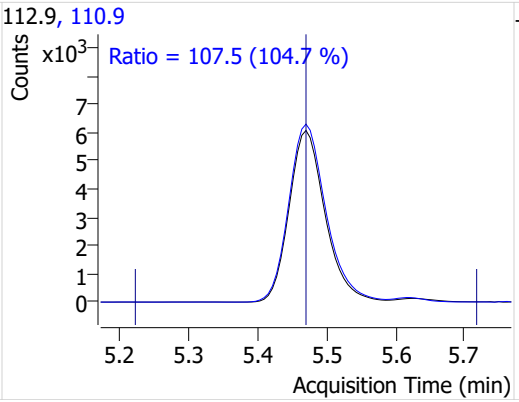


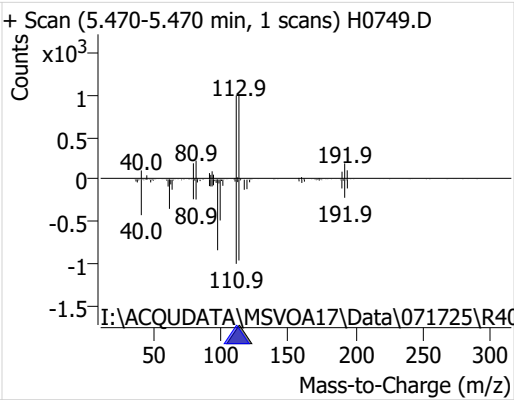




Dibromofluoromethane

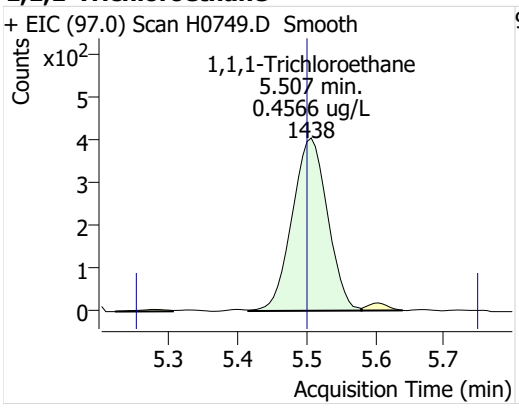


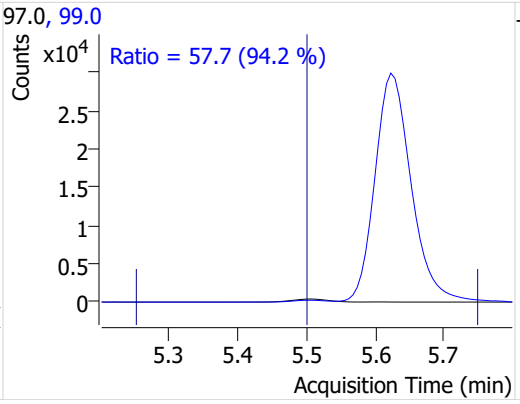


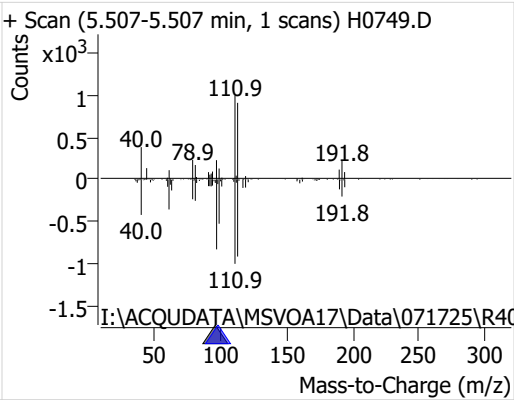


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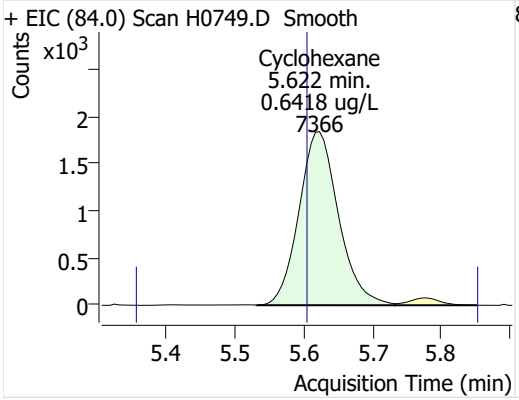
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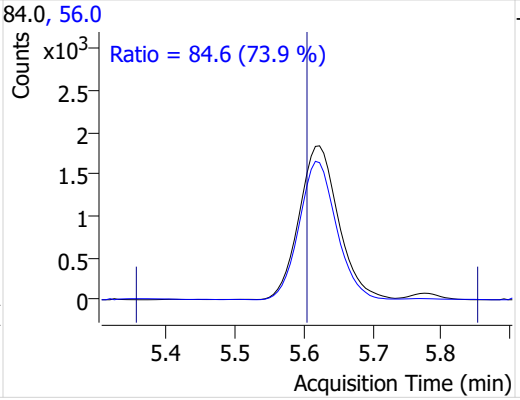


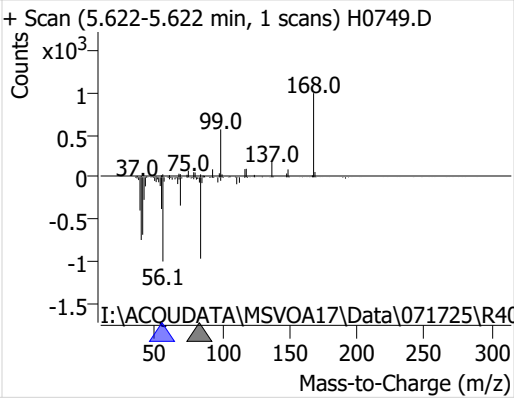




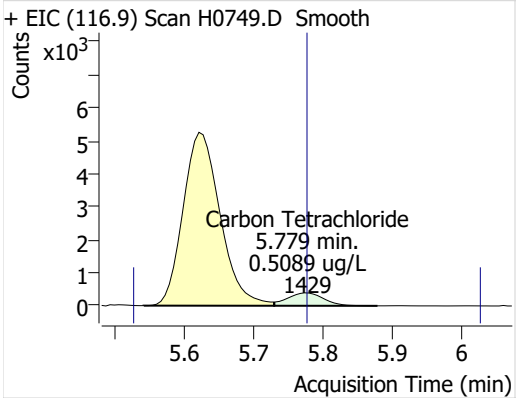
Cyclohexane

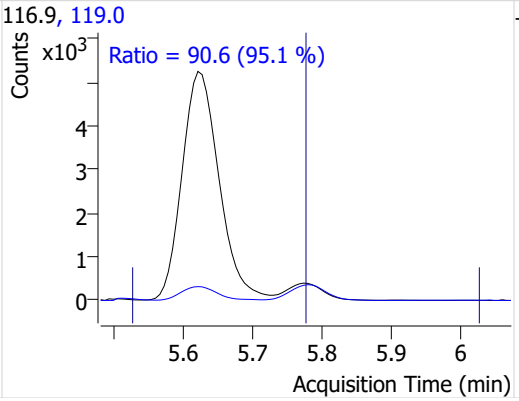


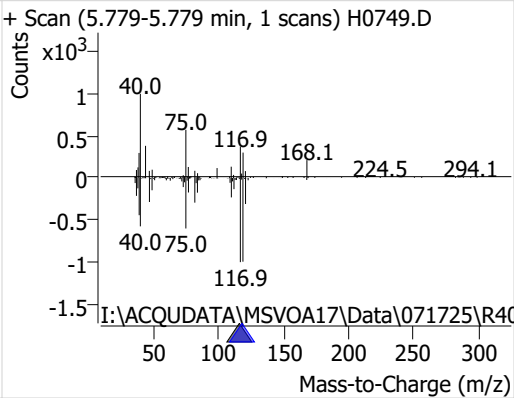




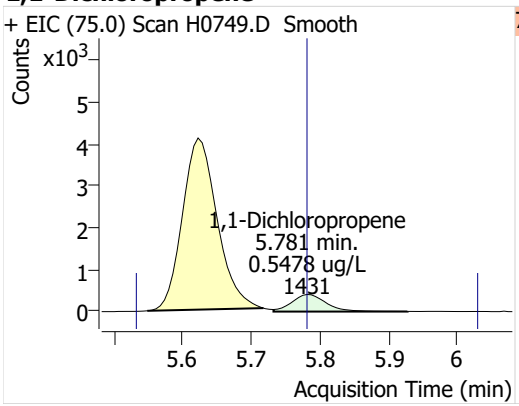
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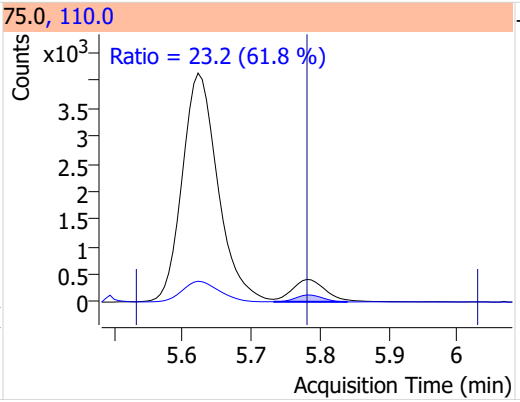


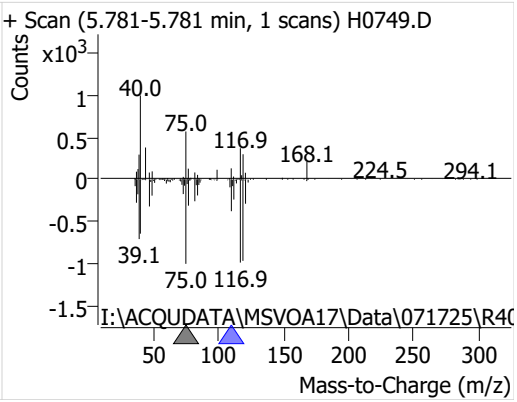




1,1-Dichloropropene

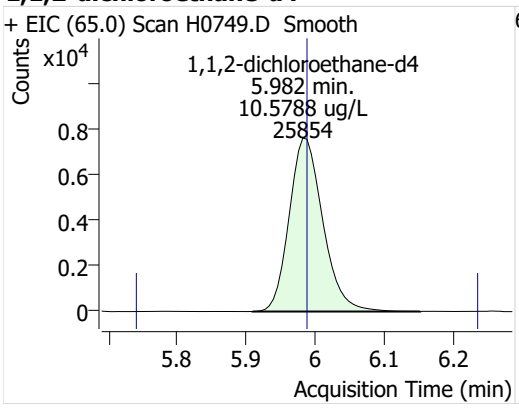


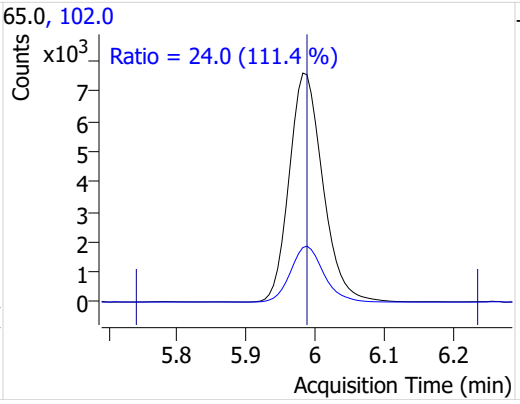


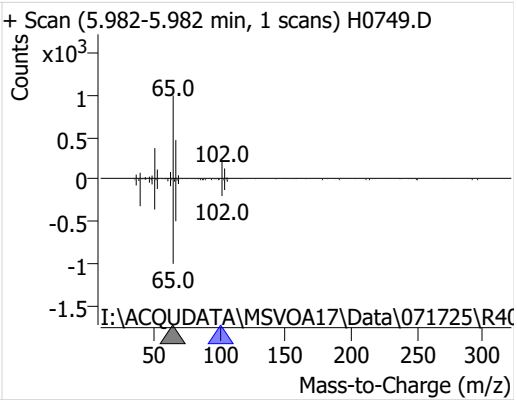


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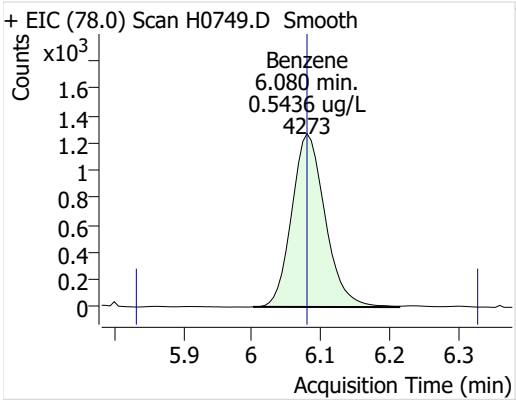
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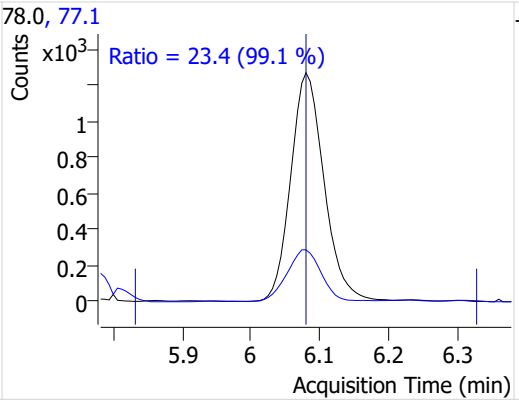


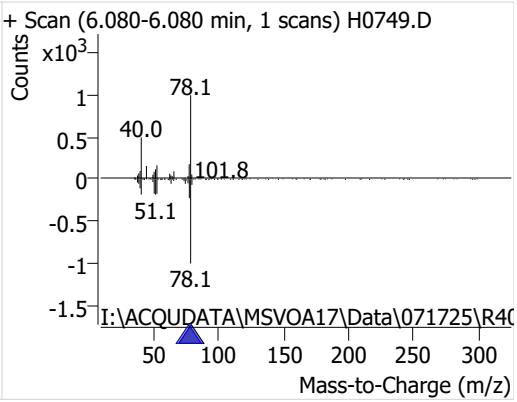




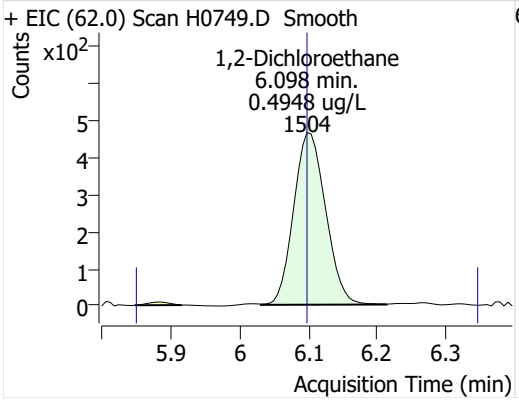
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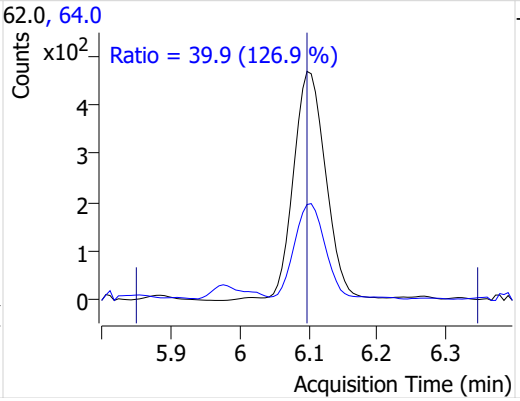


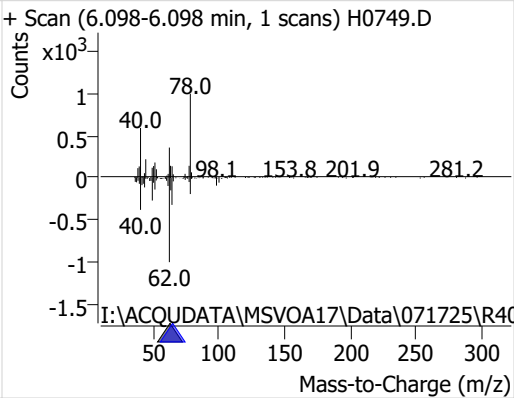




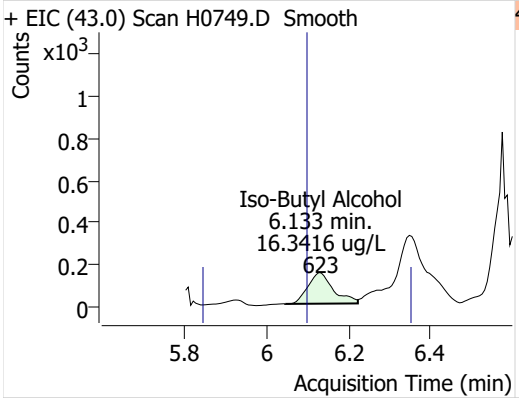
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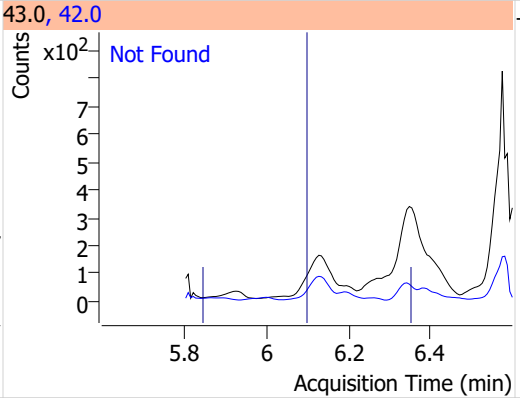


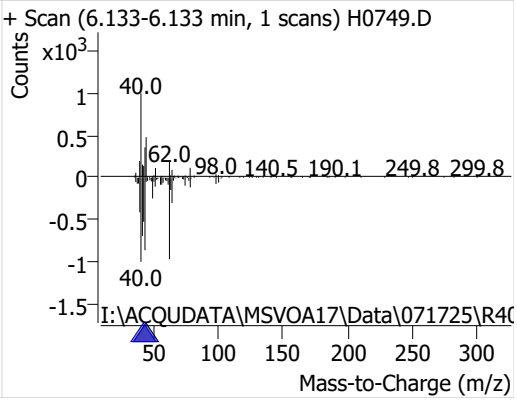




Iso-Butyl Alcohol

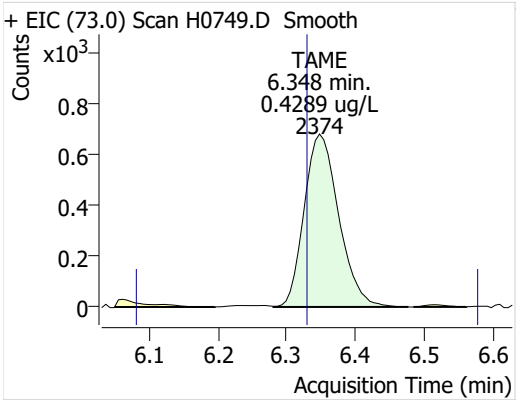


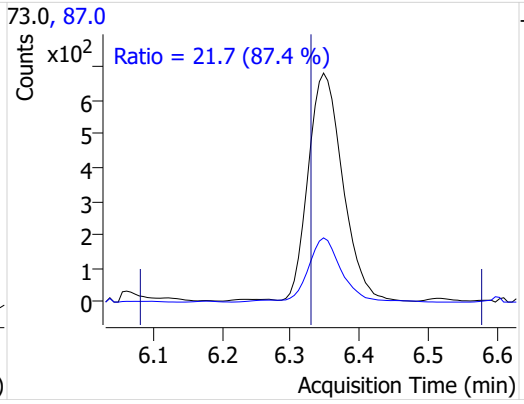


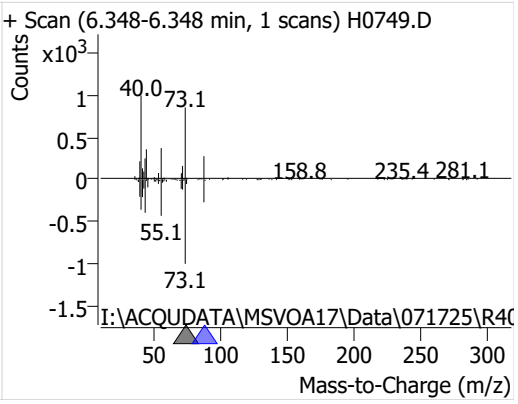


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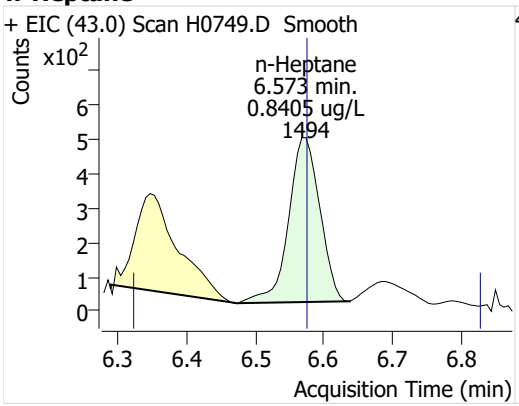
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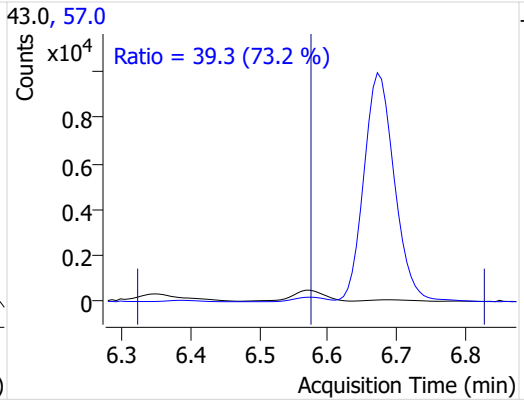


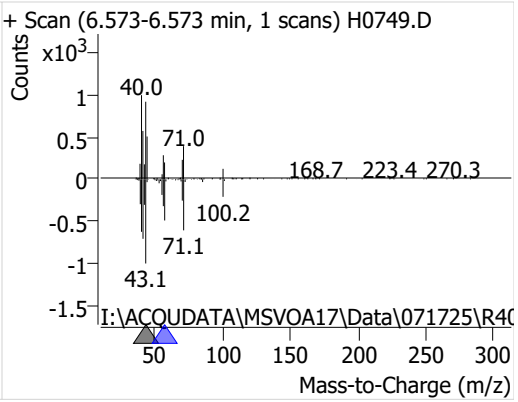




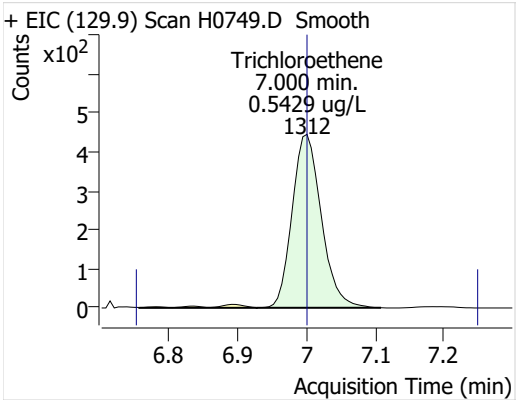
n-Heptane

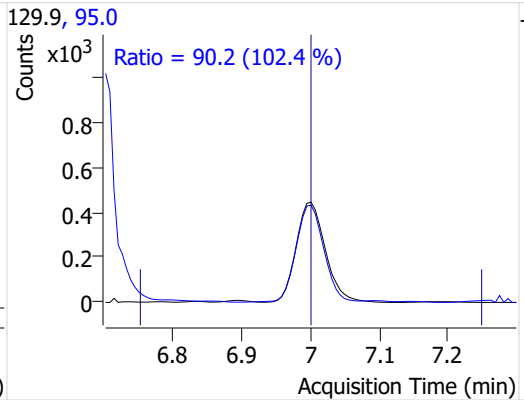


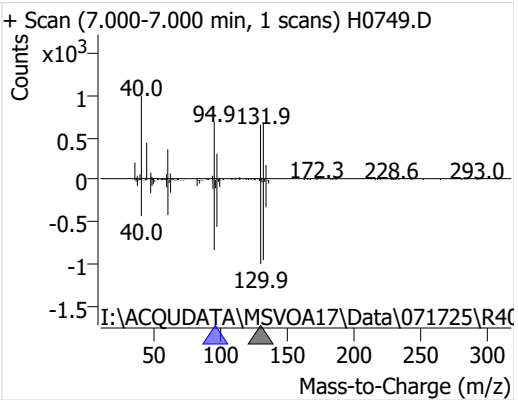




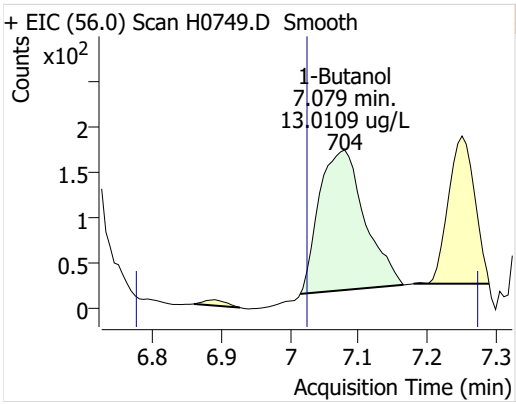
Trichloroethene

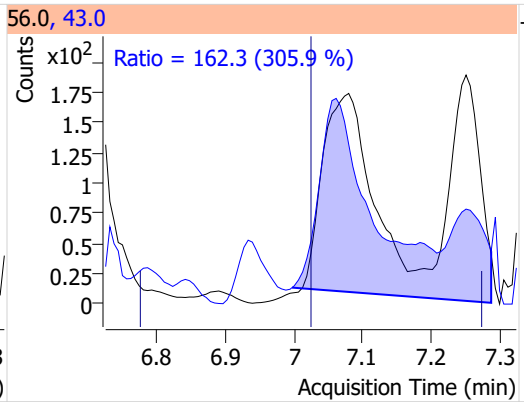


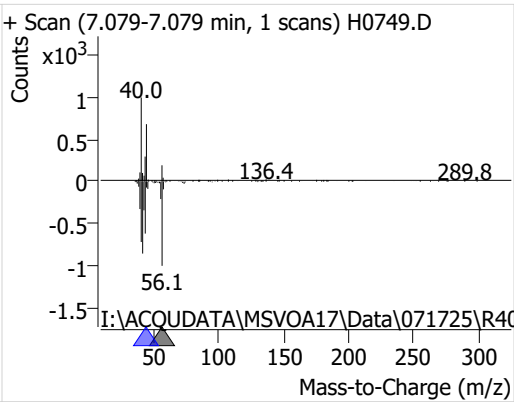




1-Butanol

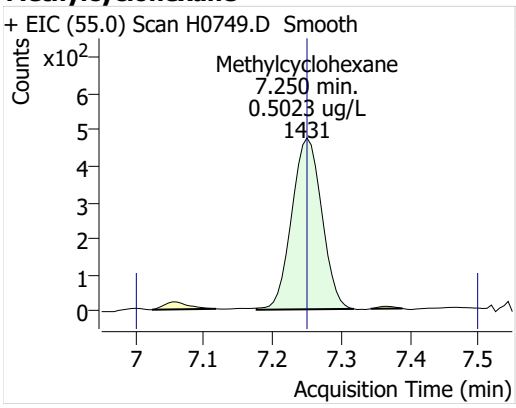


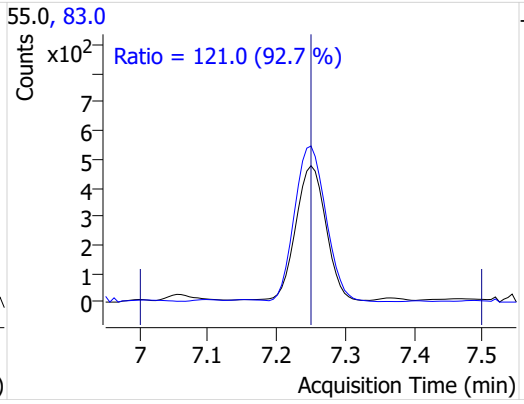


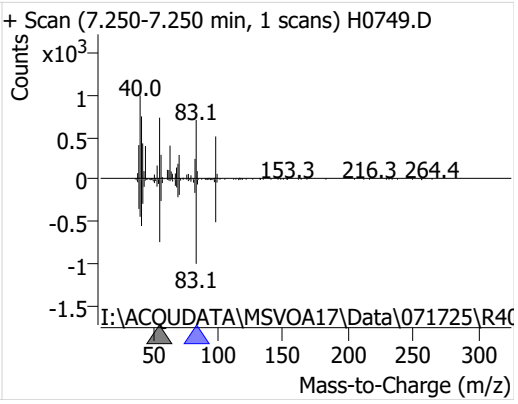


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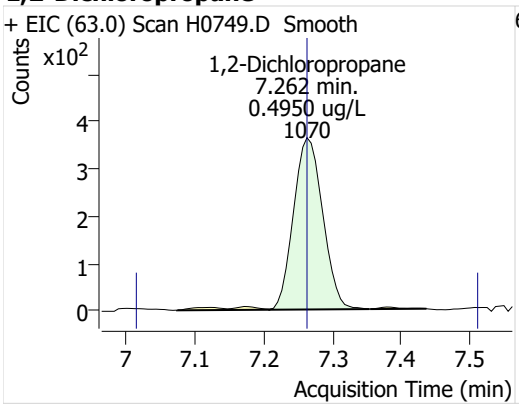
Methylcyclohexane

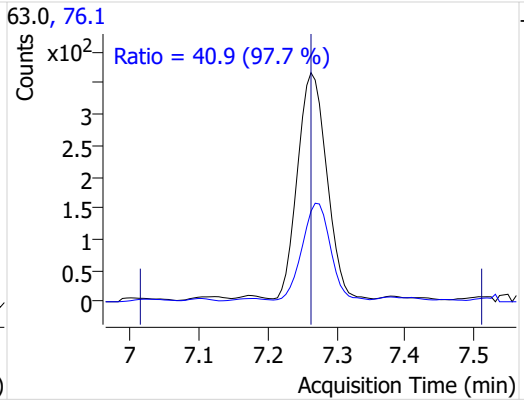


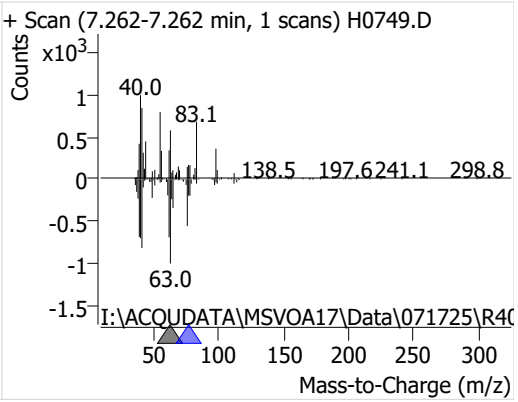




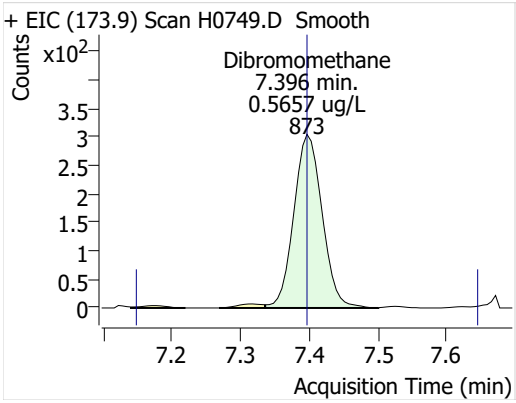
1,2-Dichloropropane

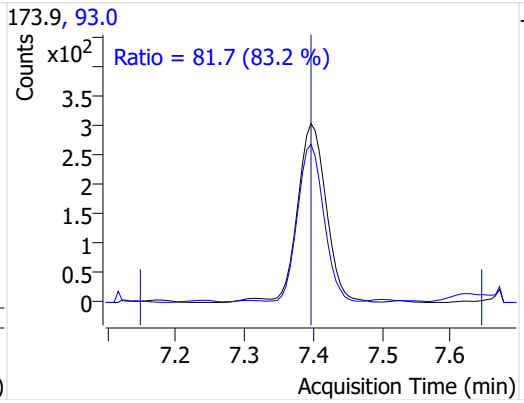


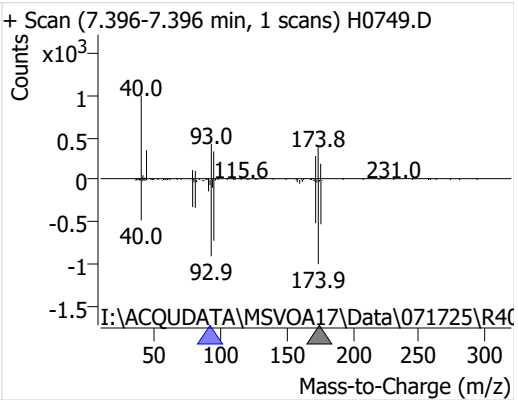




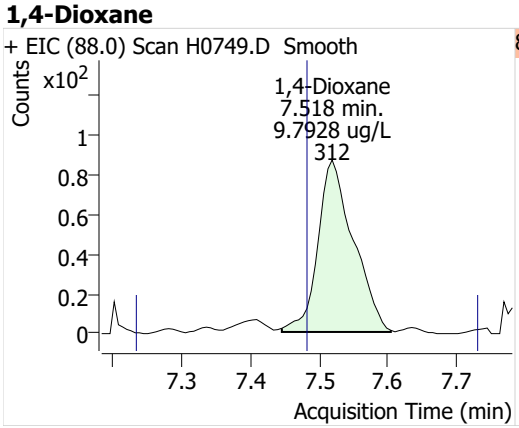
Dibromomethane

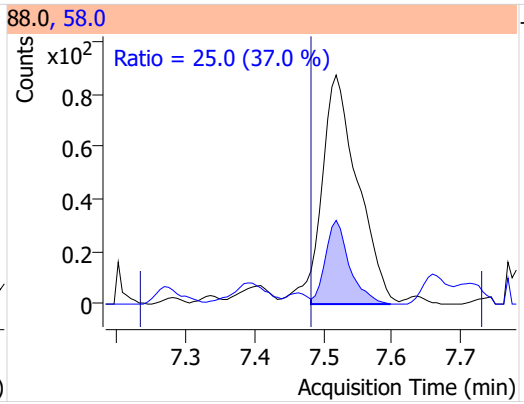


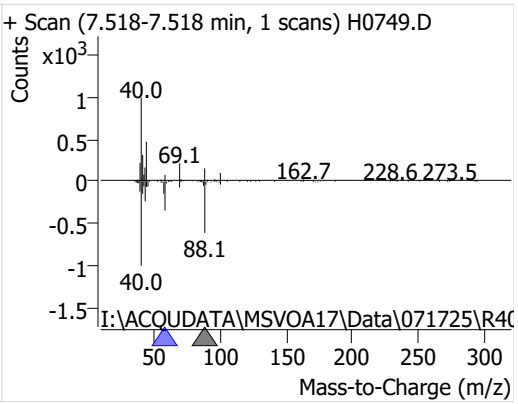




1,4-Dioxane

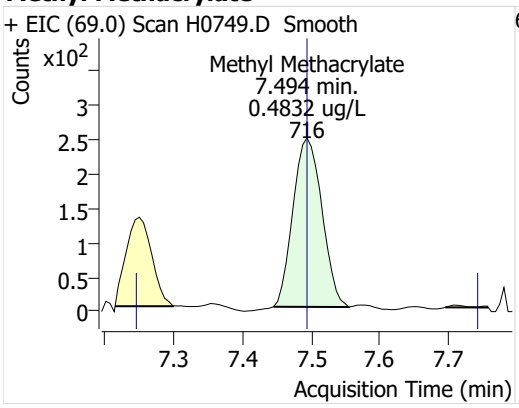


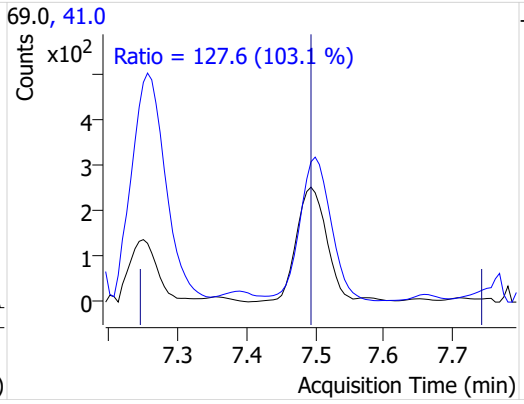


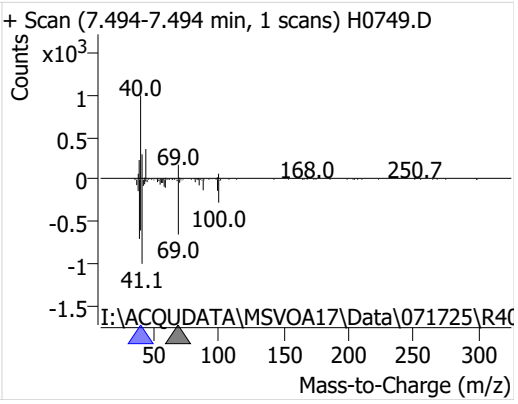


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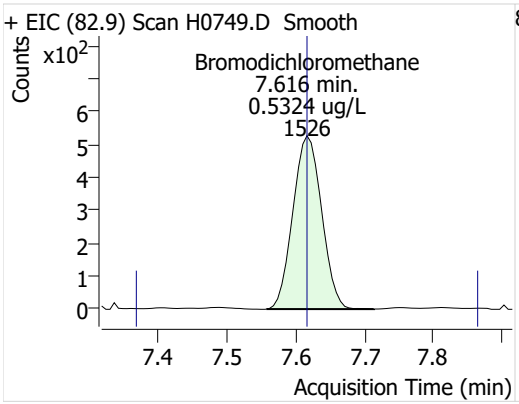
Methyl Methacrylate

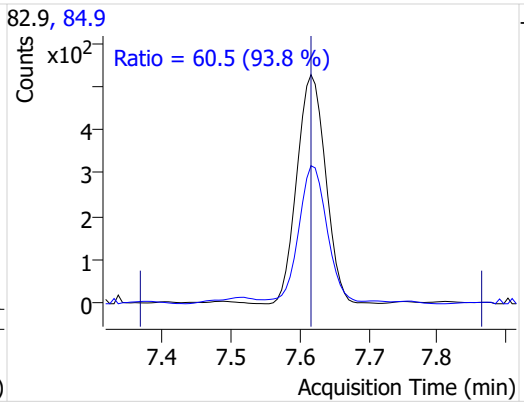


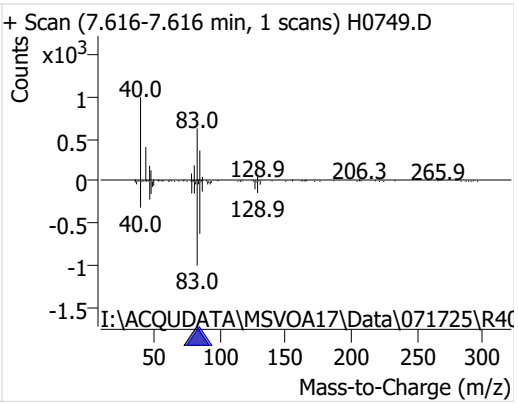




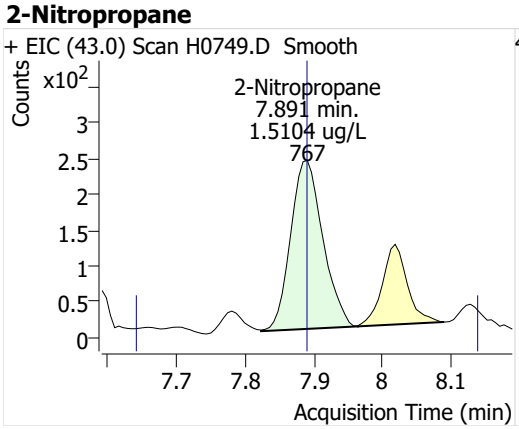
Bromodichloromethane

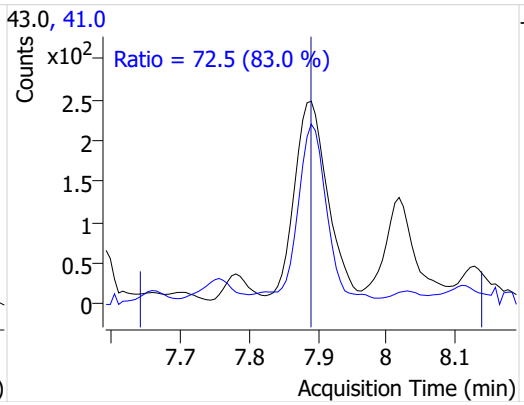


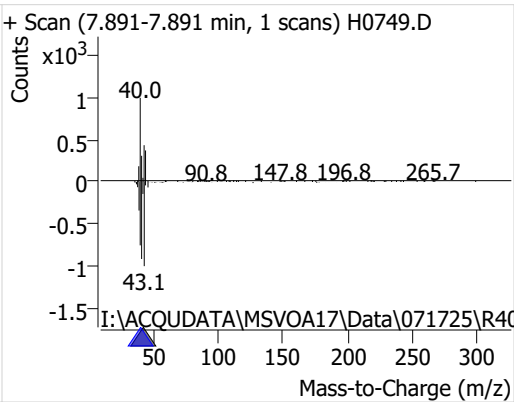




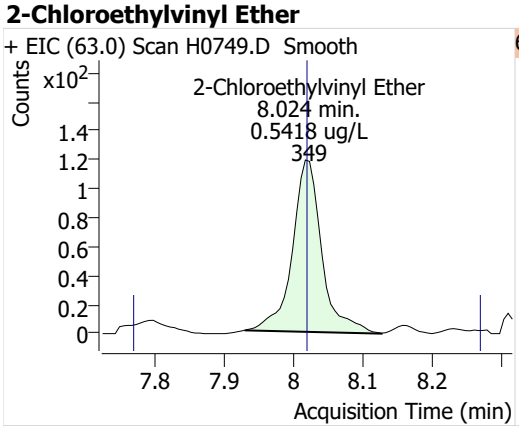
2-Nitropropane

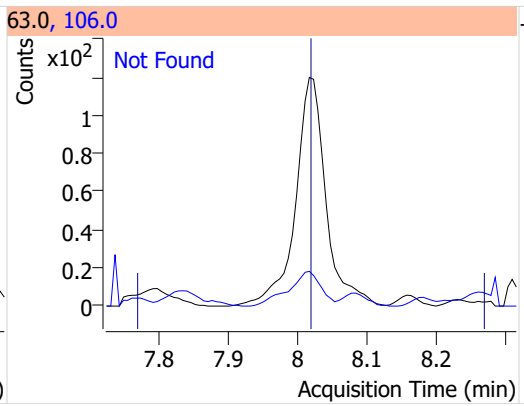


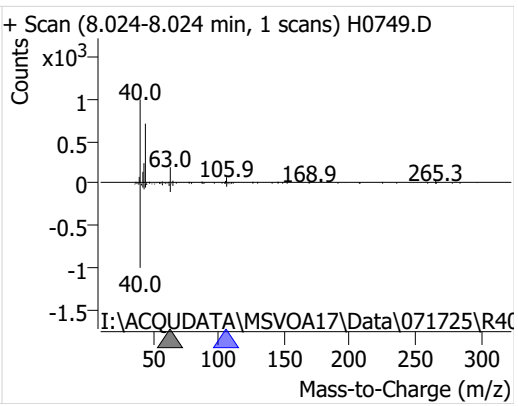




2-Chloroethylvinyl Ether

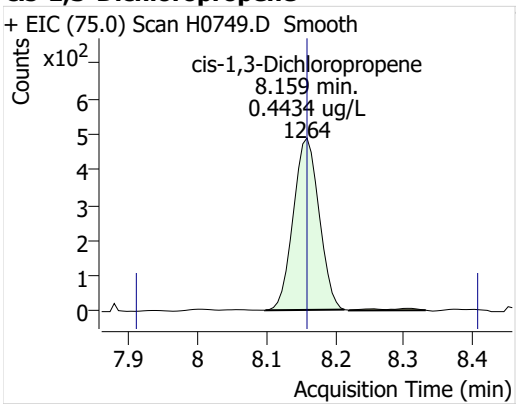


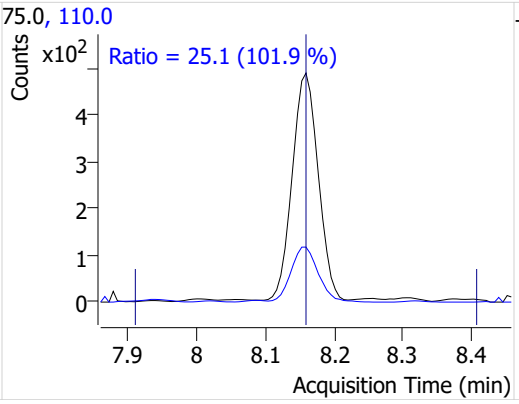


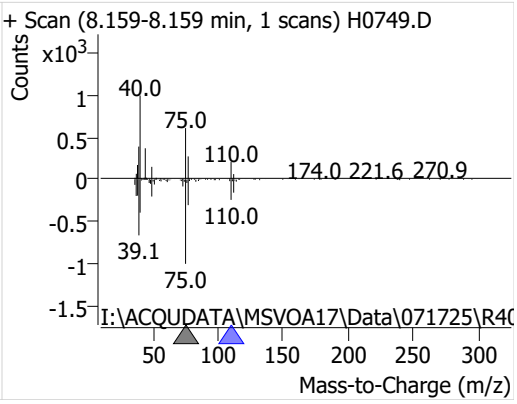


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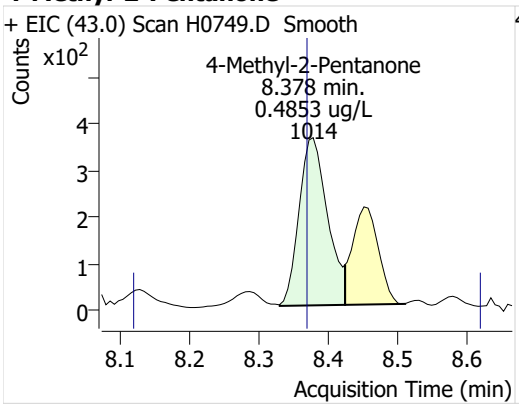
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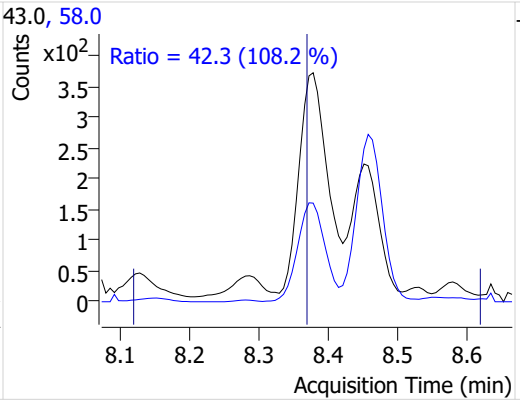


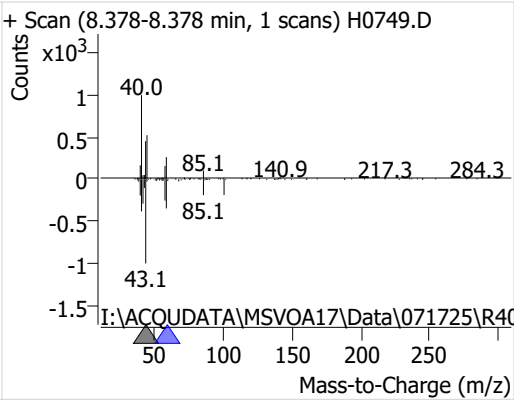




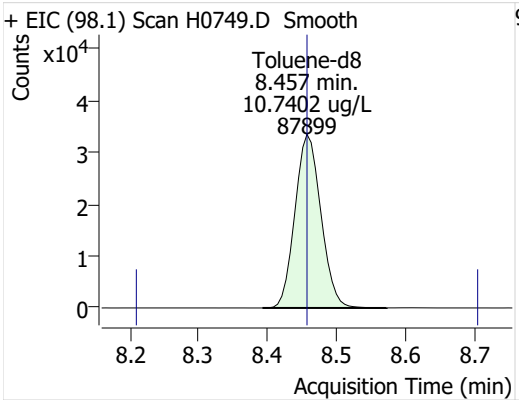
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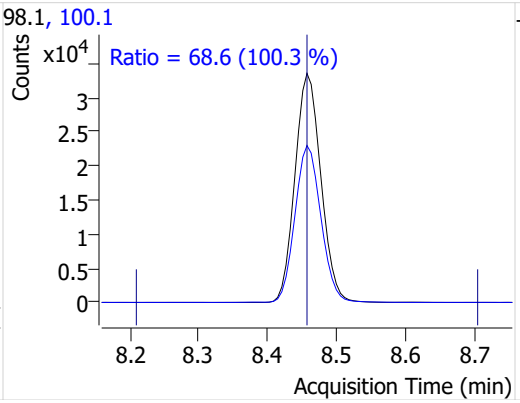


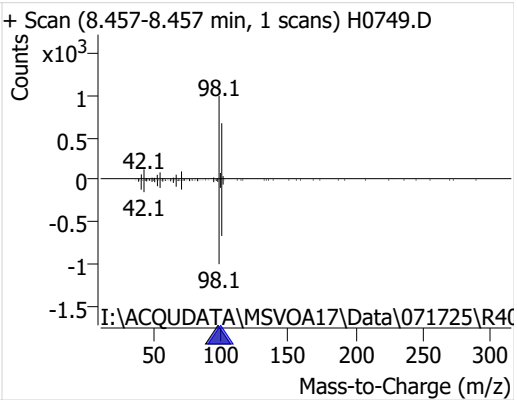




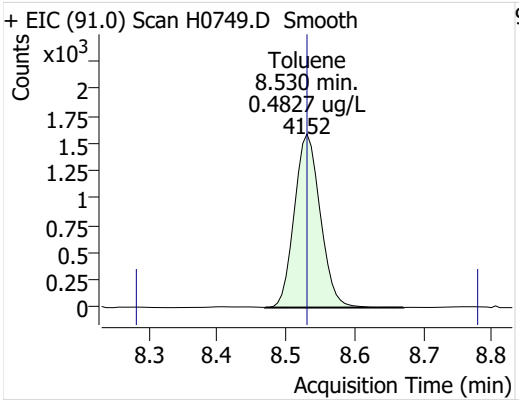
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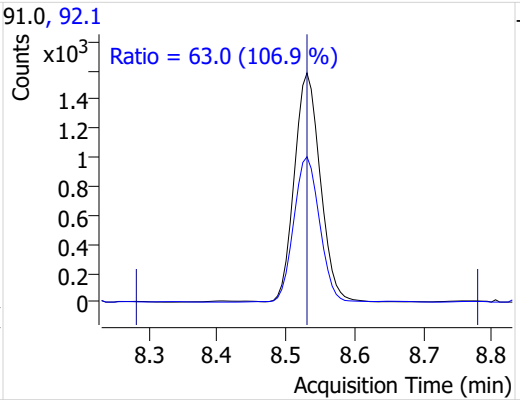


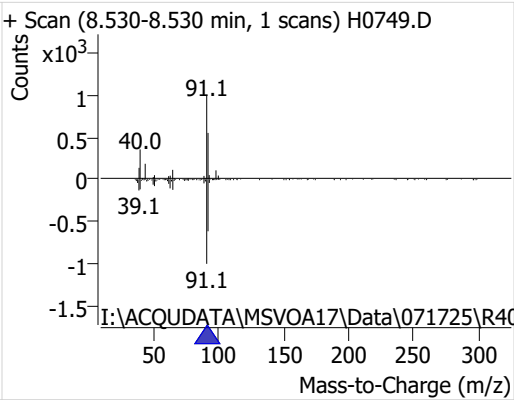




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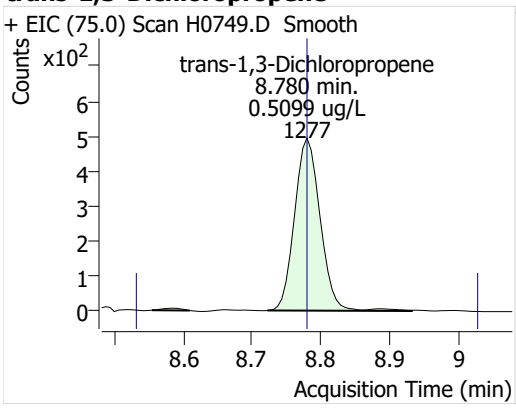


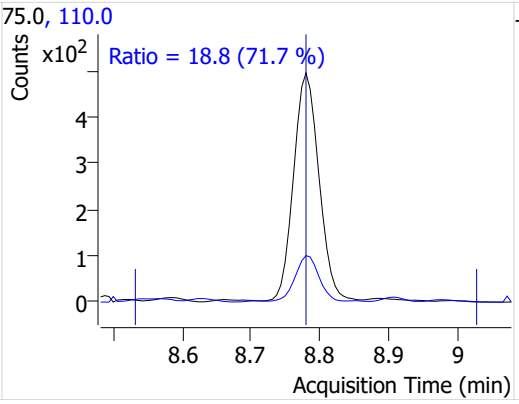


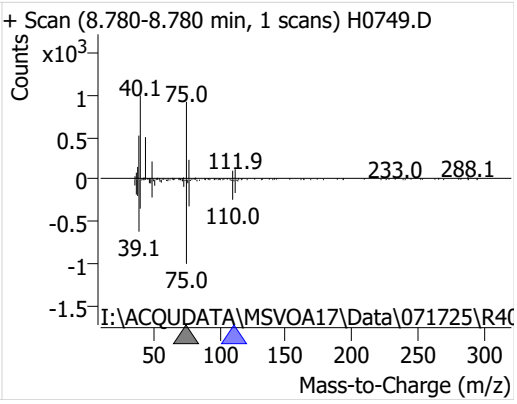


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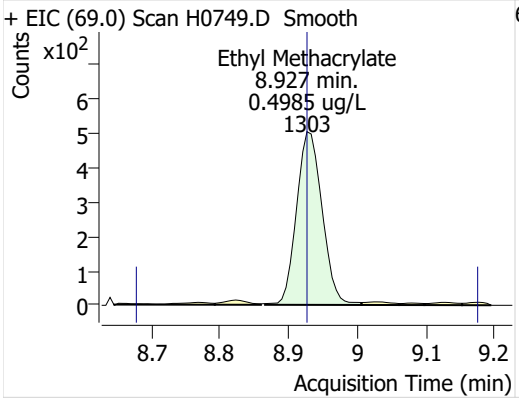
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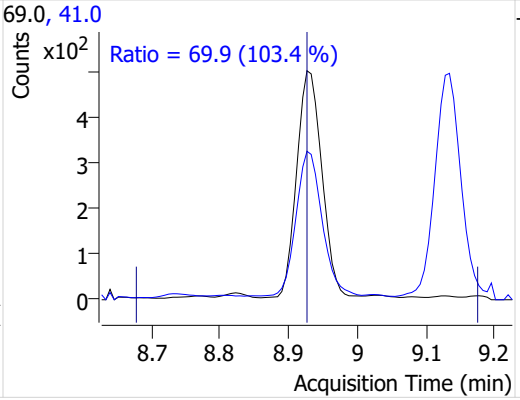


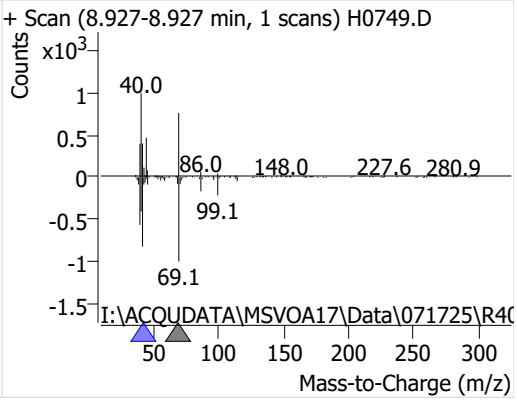




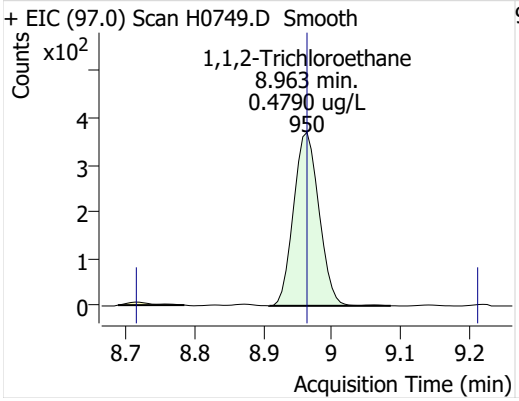
Ethyl Methacrylate

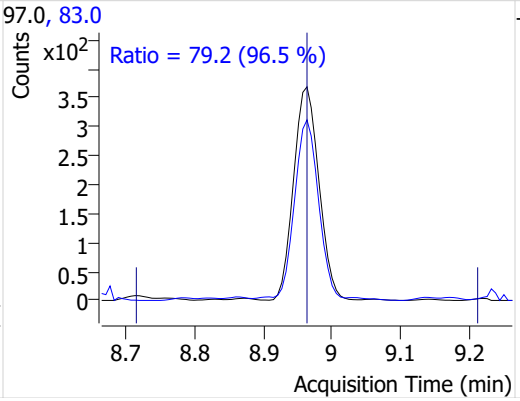


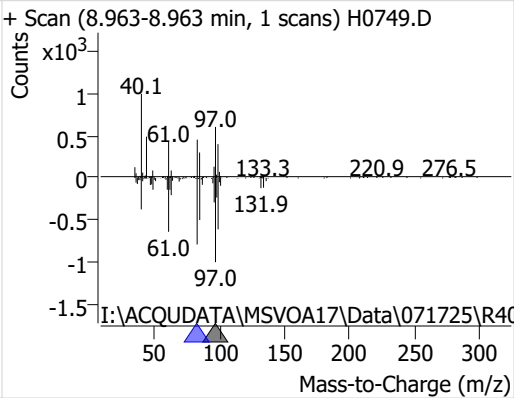




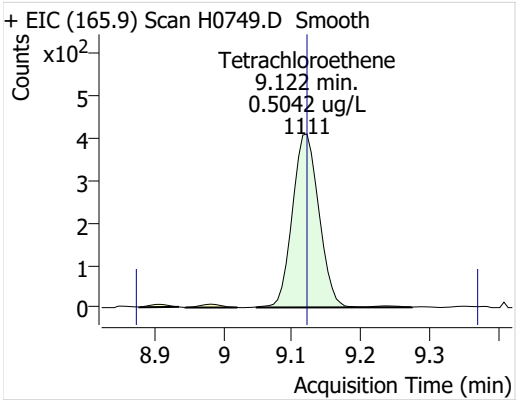
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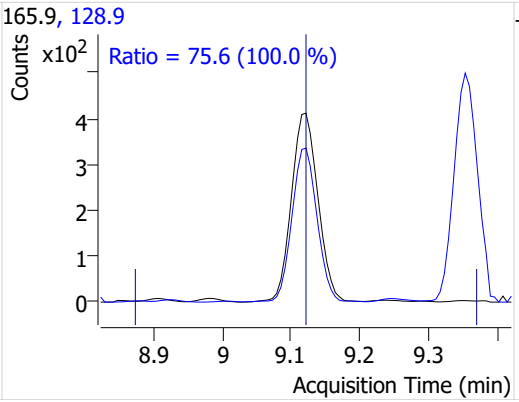


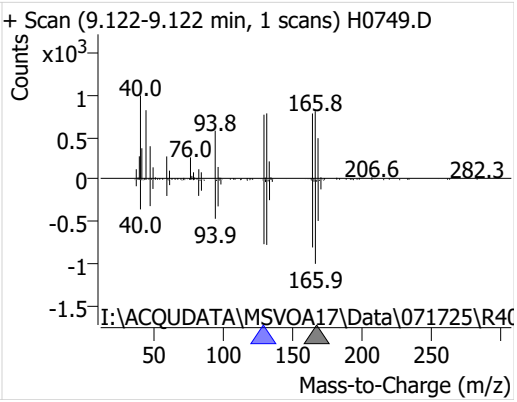




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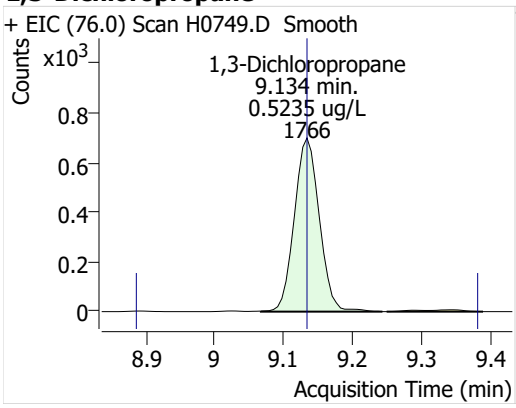


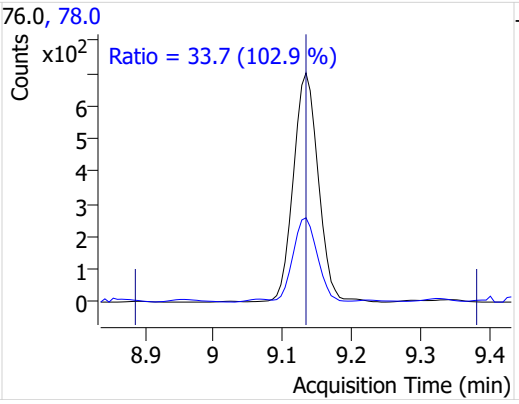


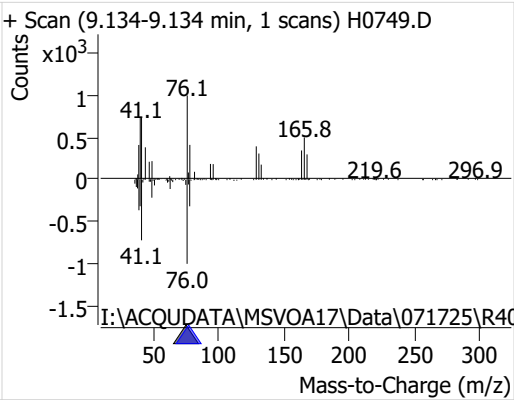


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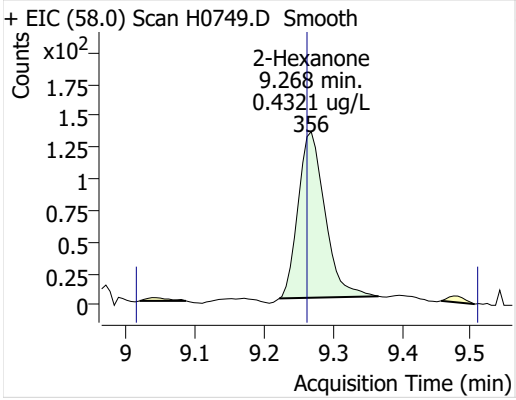
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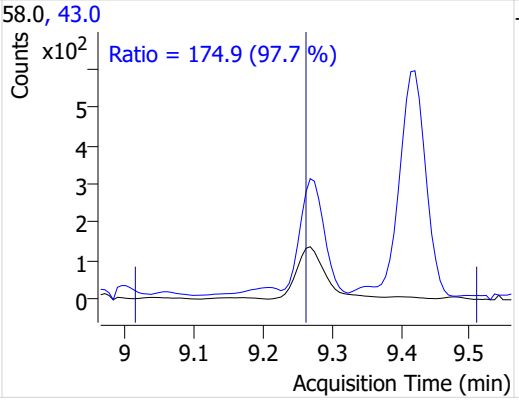


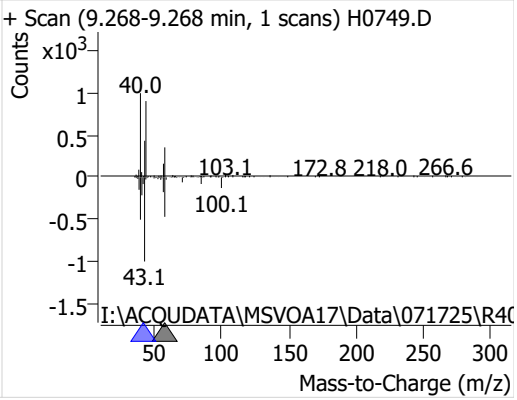




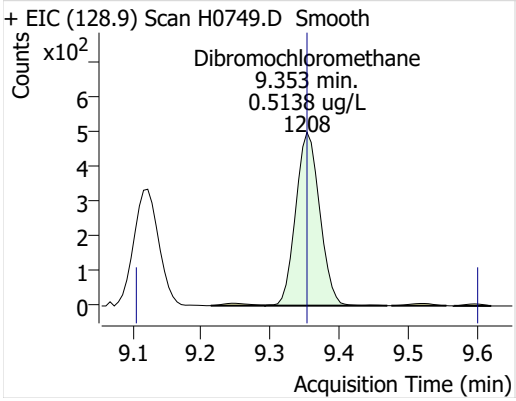
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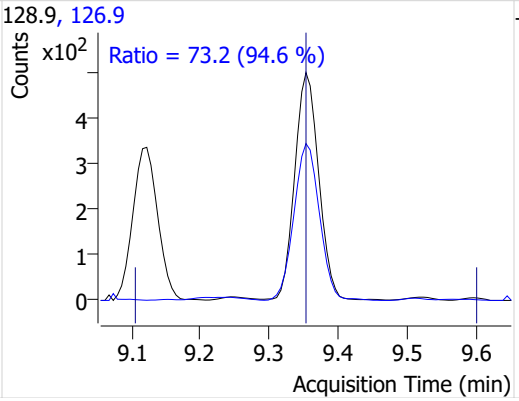


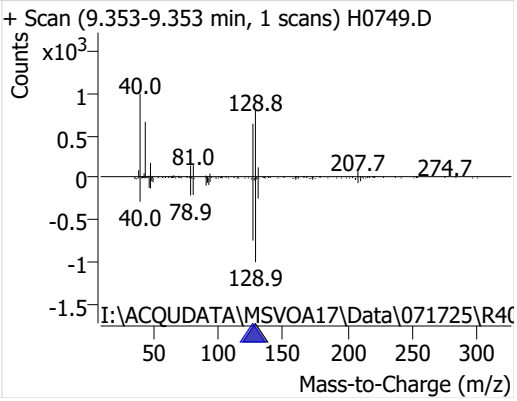




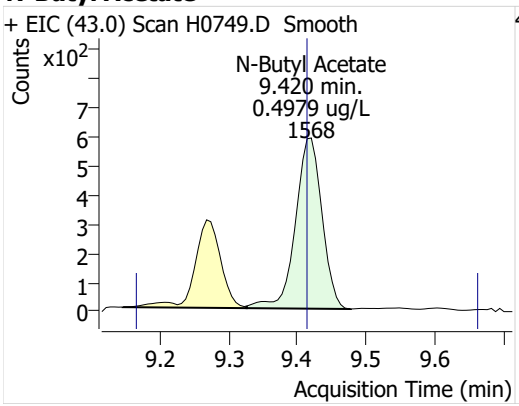
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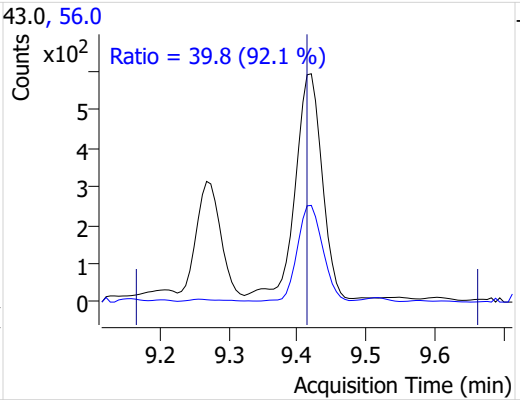


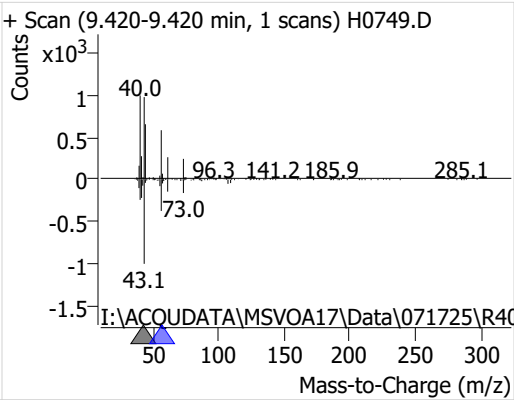




N-Butyl Acetate

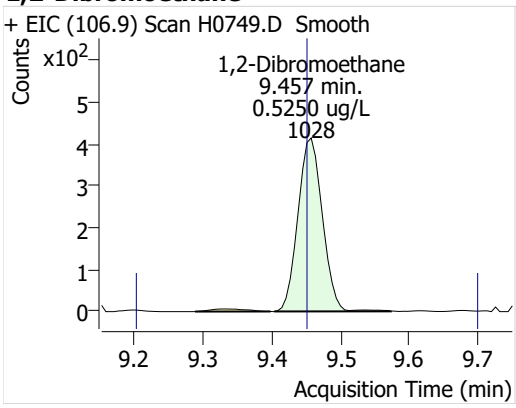


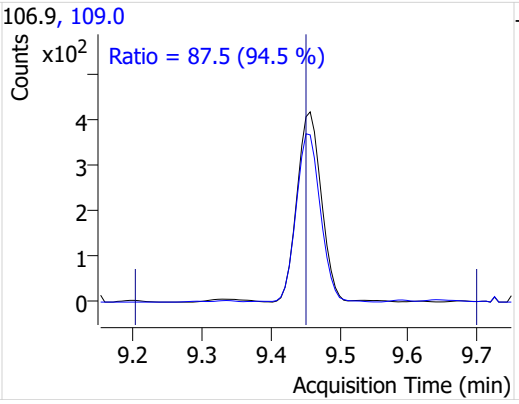


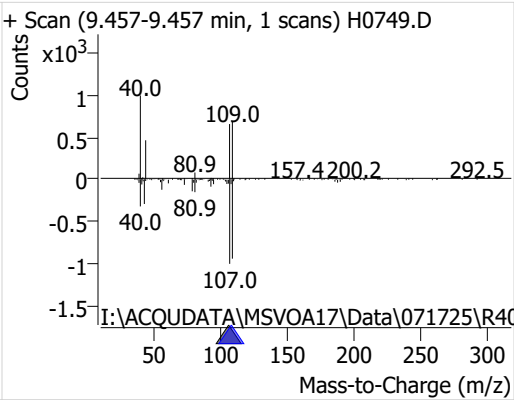


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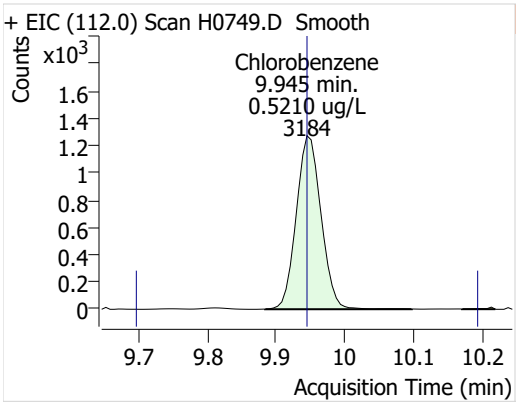
1,2-Dibromoethane

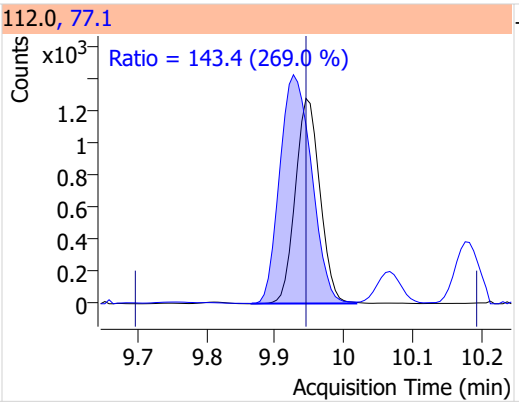


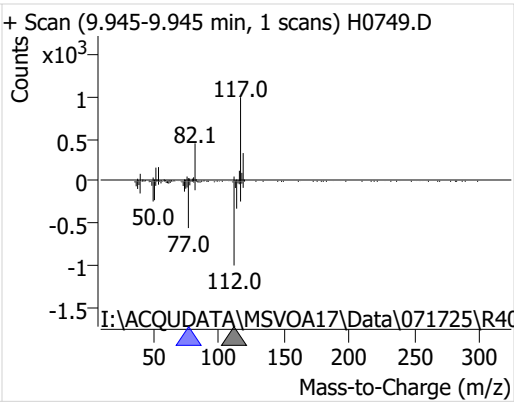




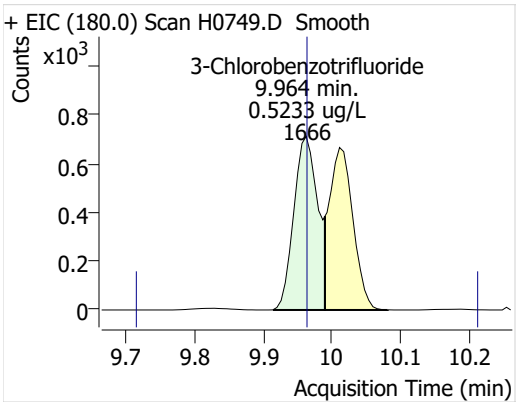
Chlorobenzene

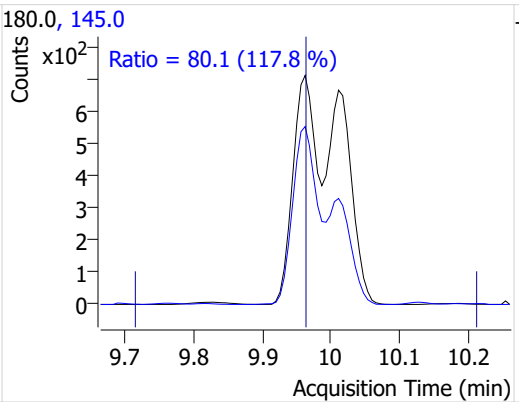


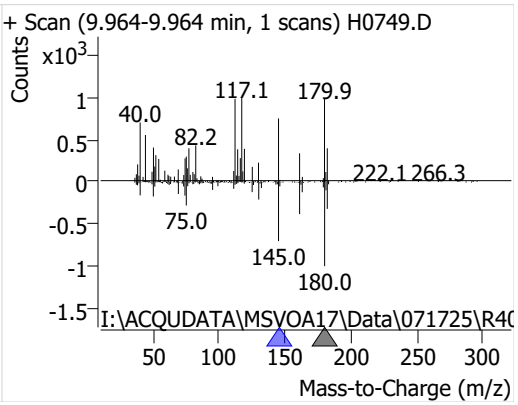




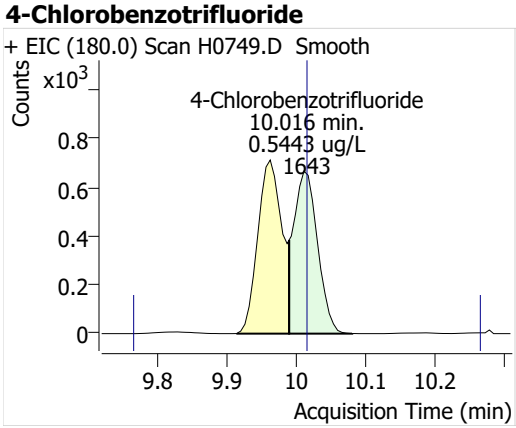
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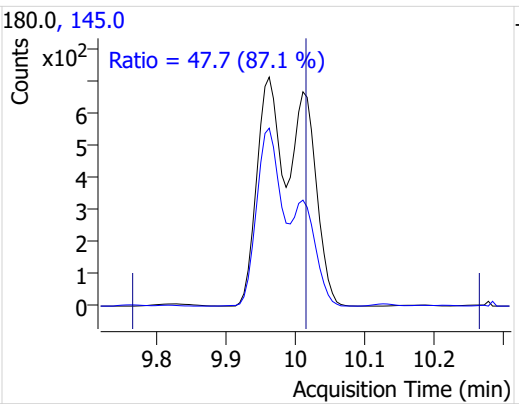


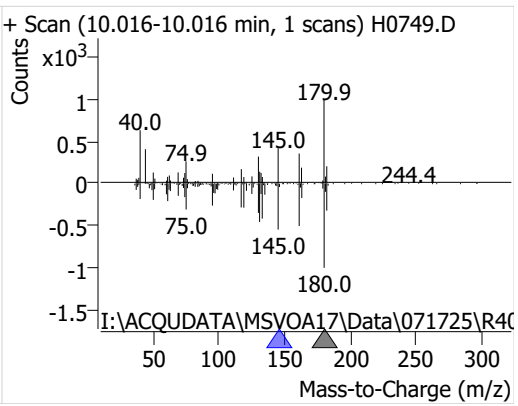




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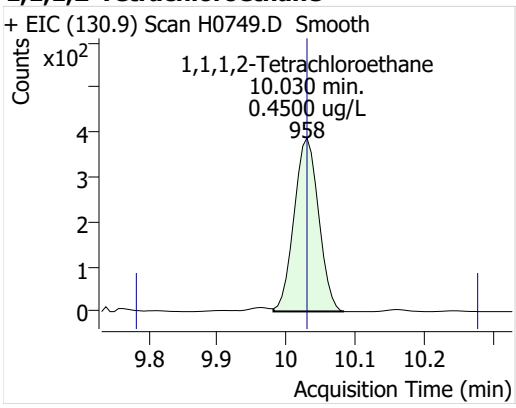


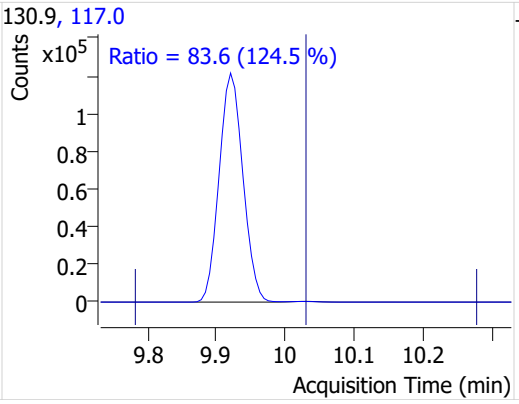


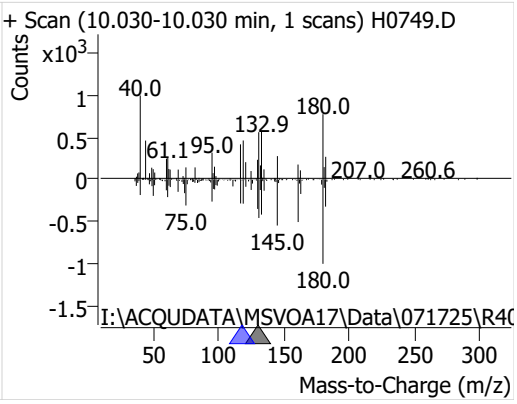


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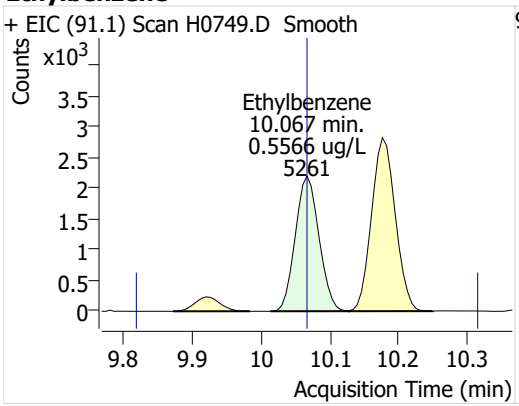
1,1,1,2-Tetrachloroethane

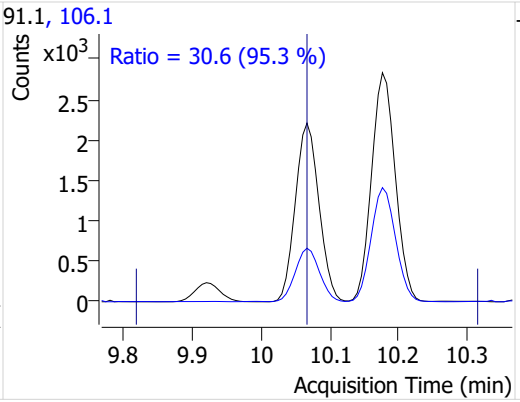


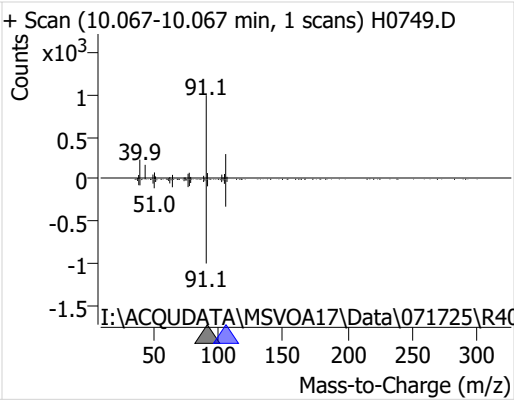




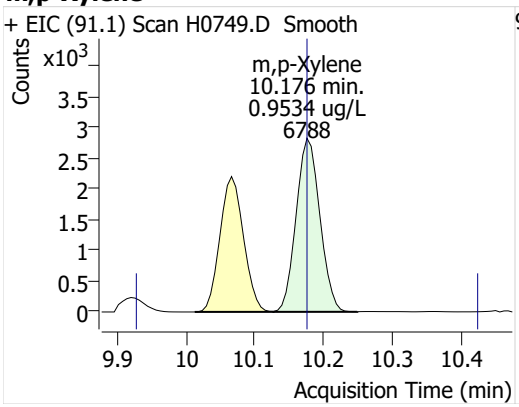
Ethylbenzene

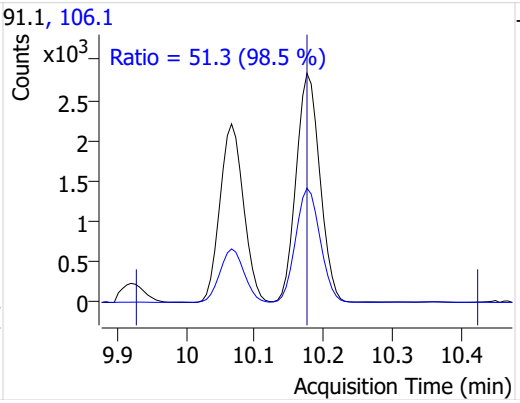


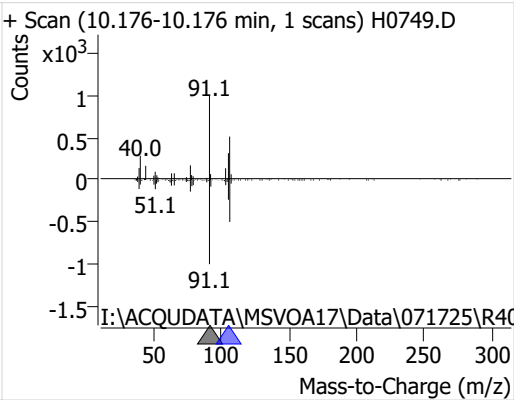




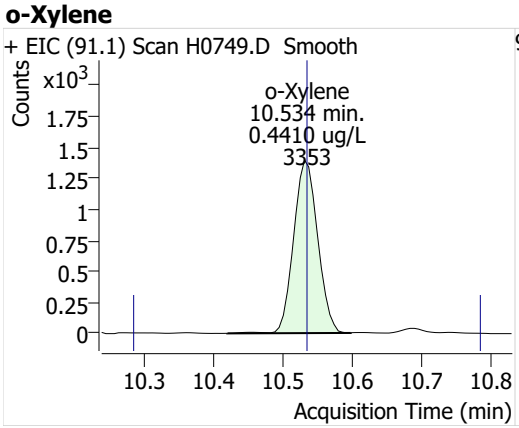
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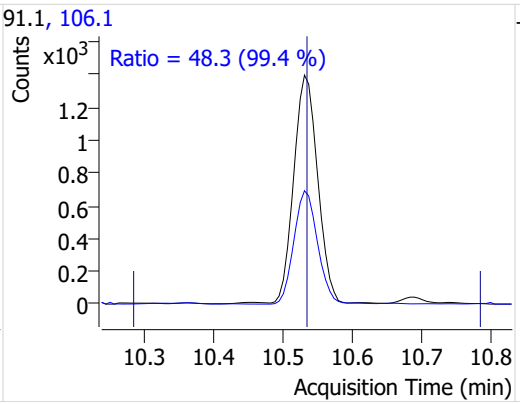


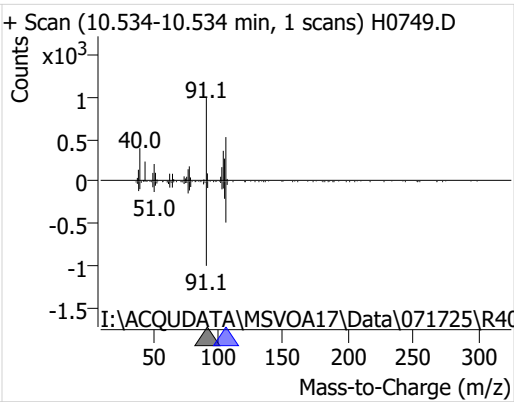




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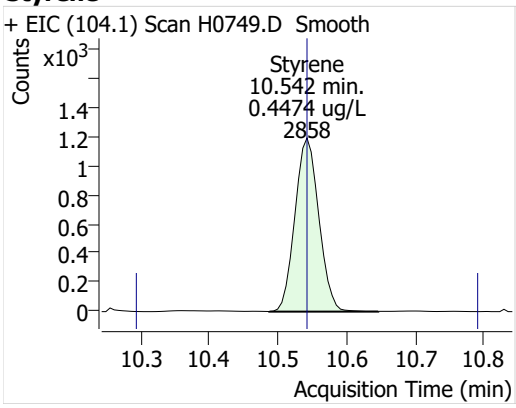


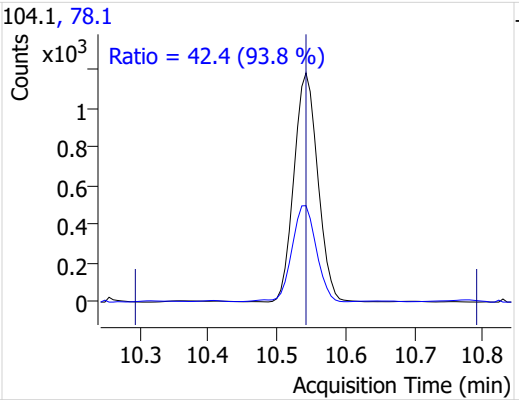


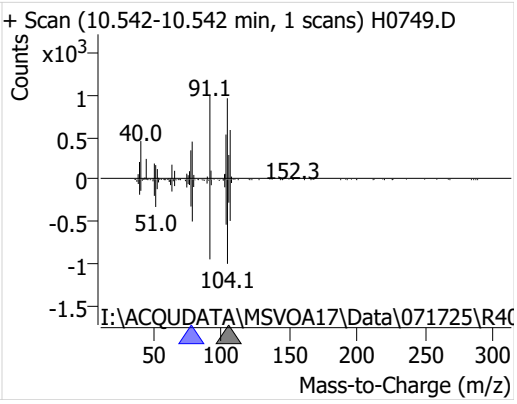


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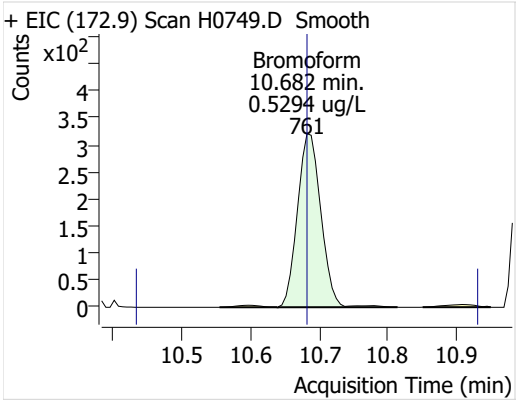
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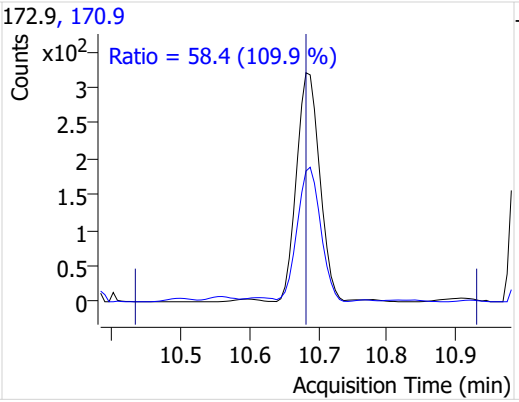


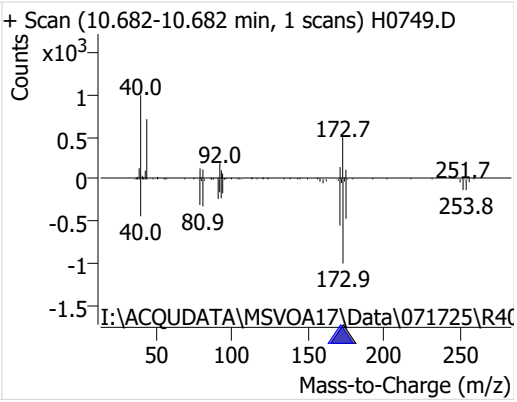




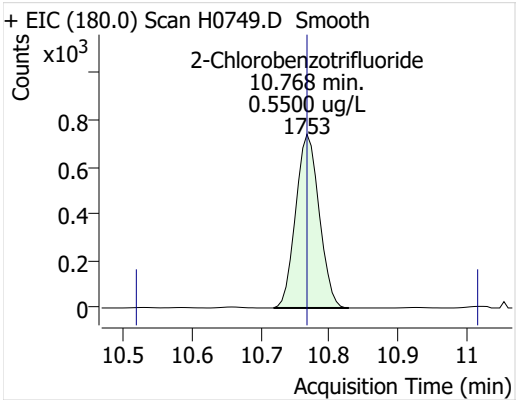
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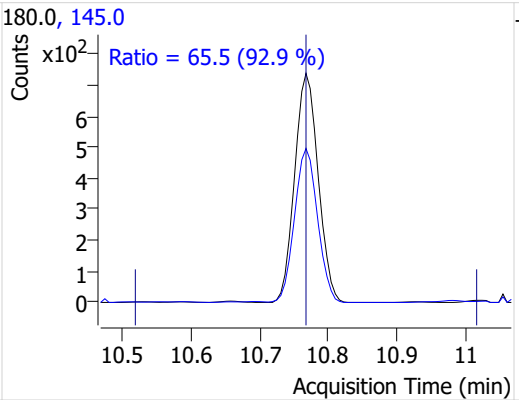


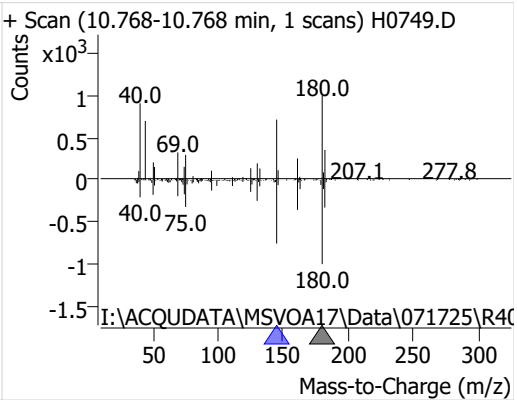




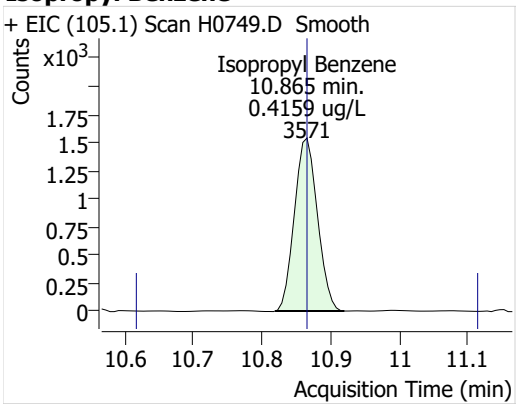
2-Chlorobenzotrifluoride

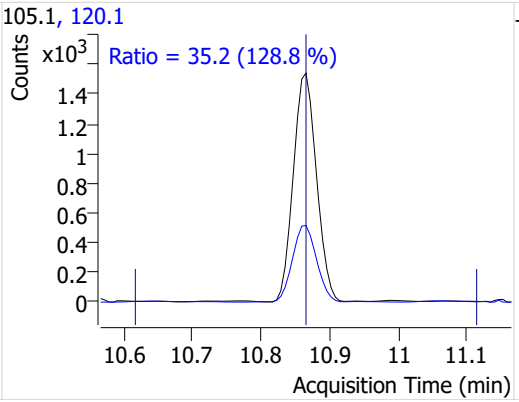


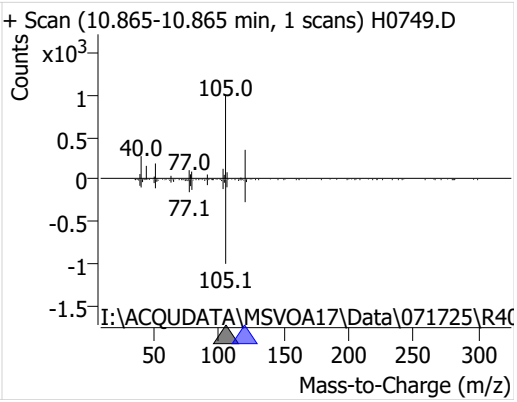




Isopropyl Benzene

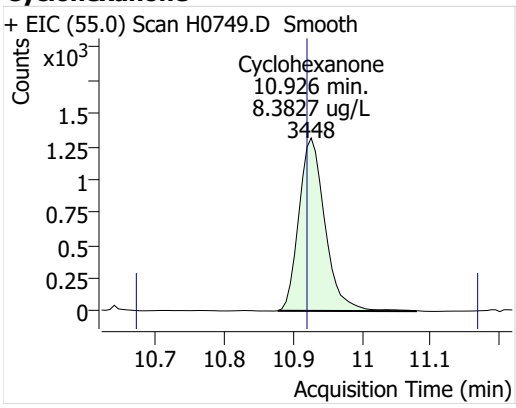


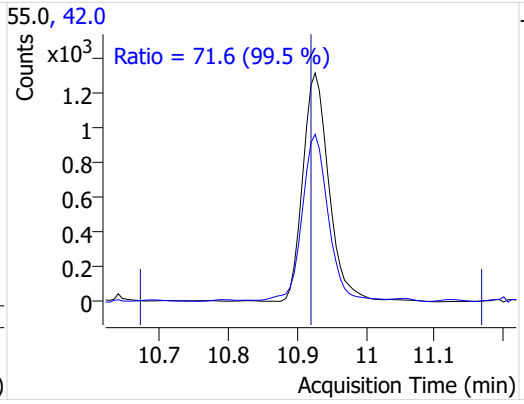


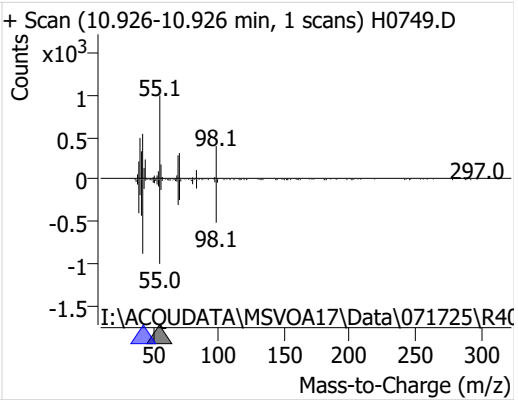


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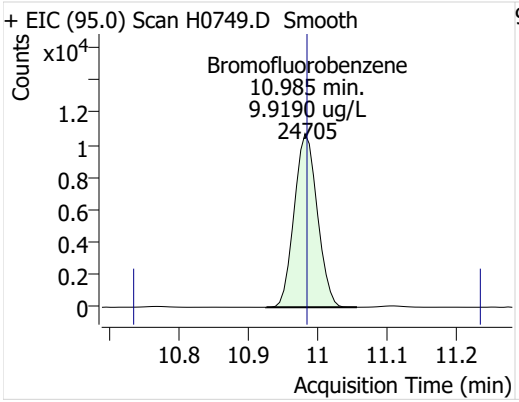
Cyclohexanone

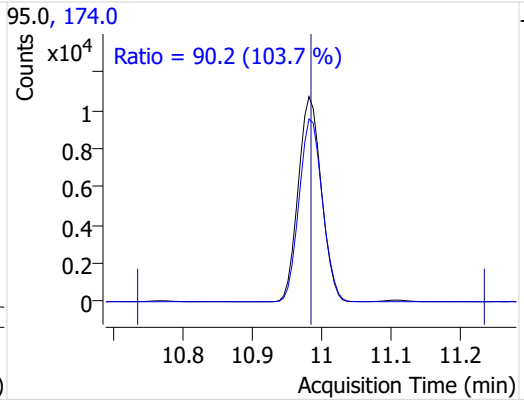


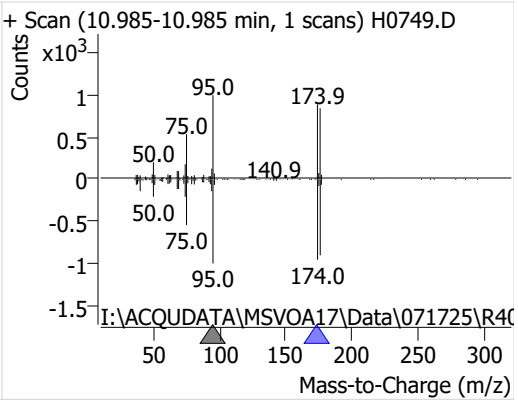




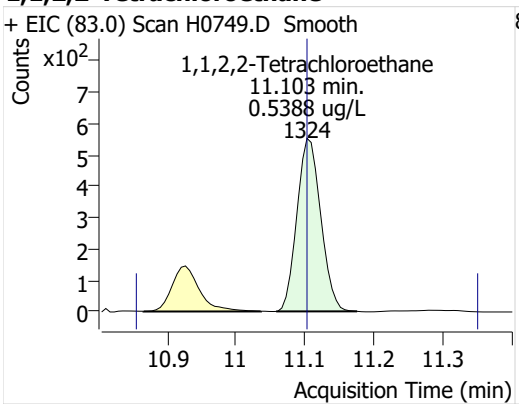
Bromofluorobenzene

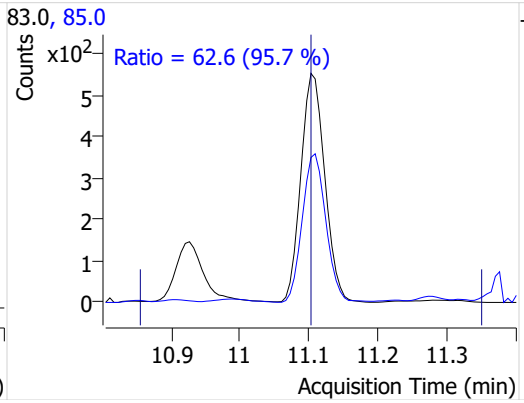


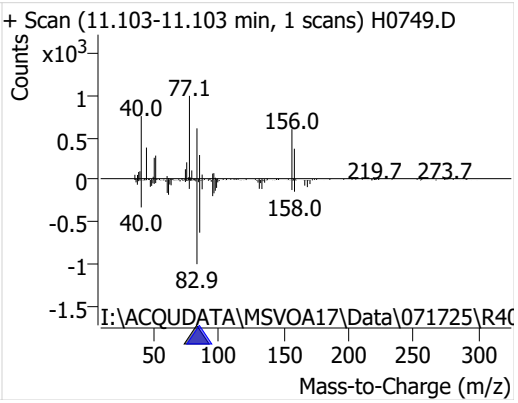




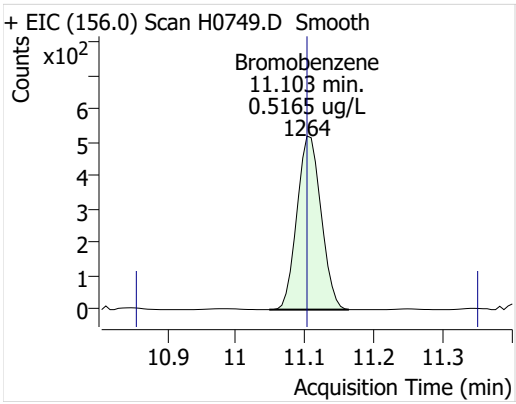
1,1,2,2-Tetrachloroethane

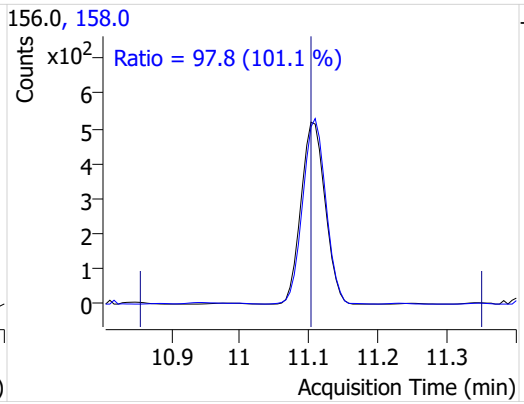


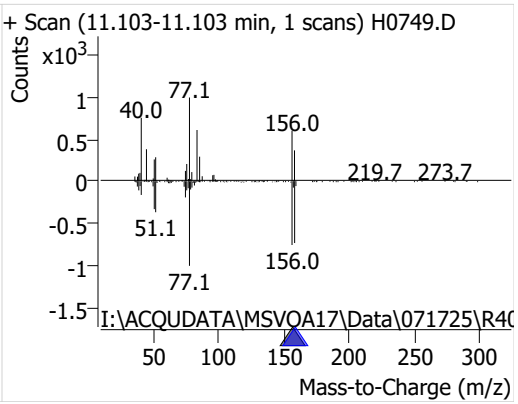




Bromobenzene

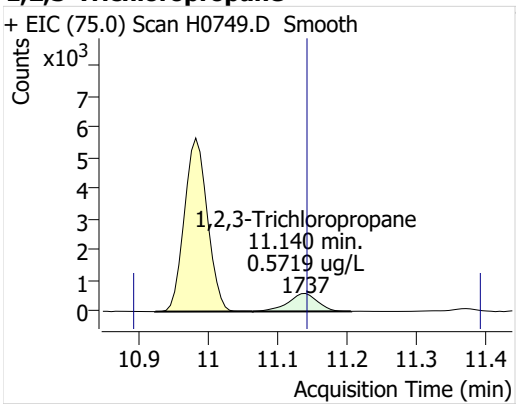


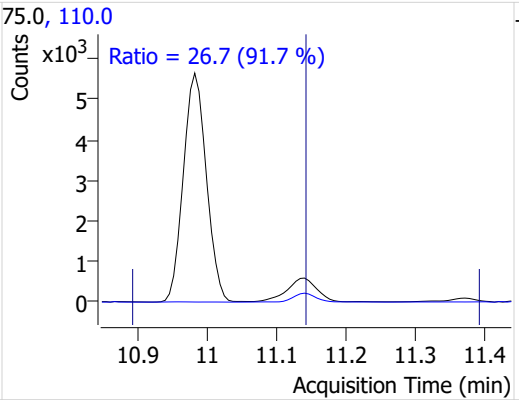


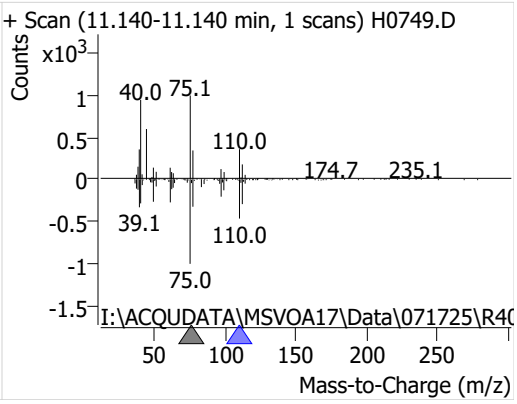


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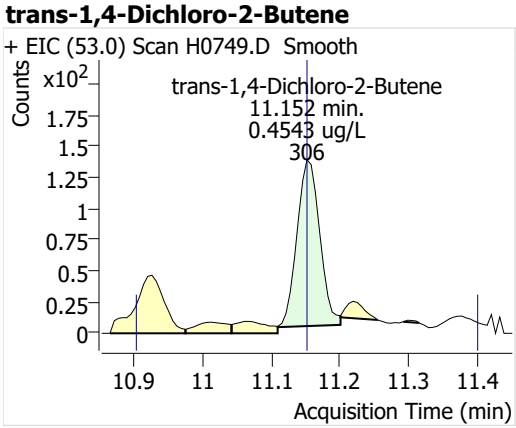
1,2,3-Trichloropropane

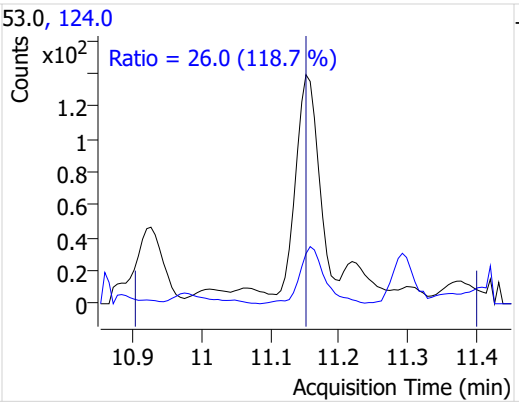


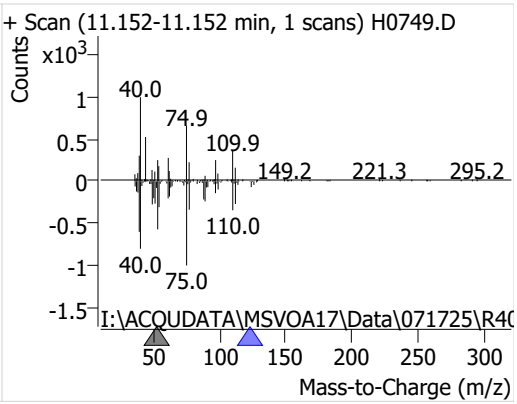




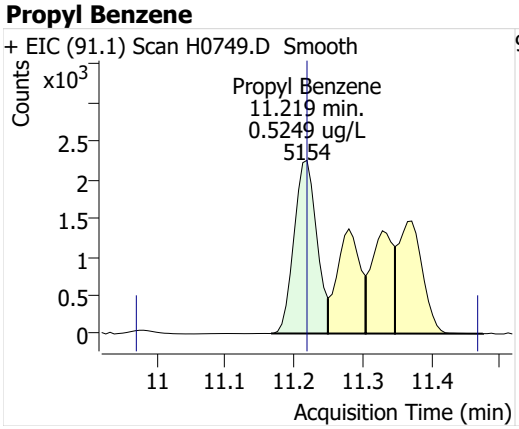
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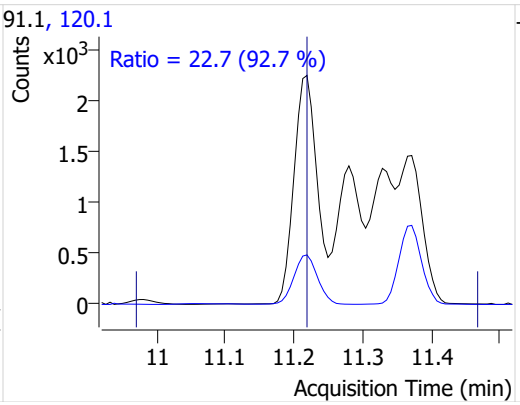


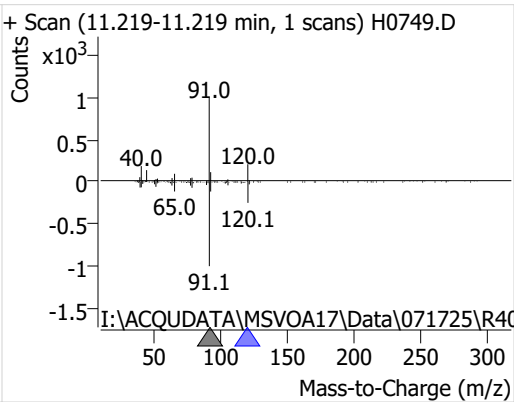




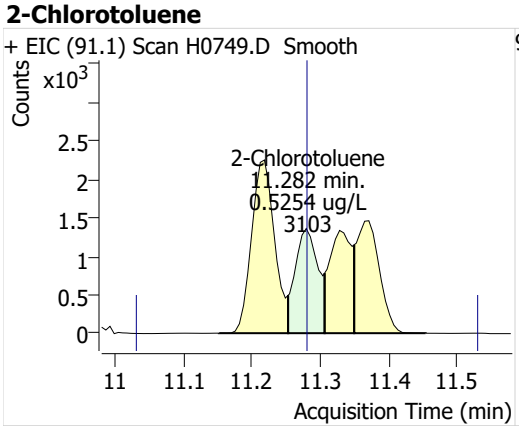
Propyl Benzene

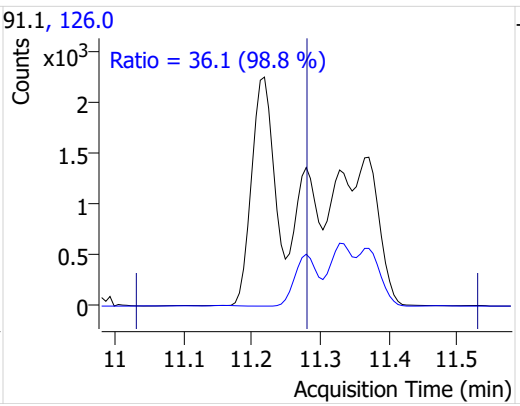


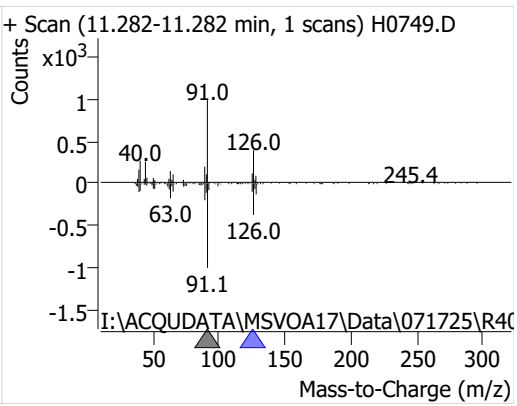




2-Chlorotoluene

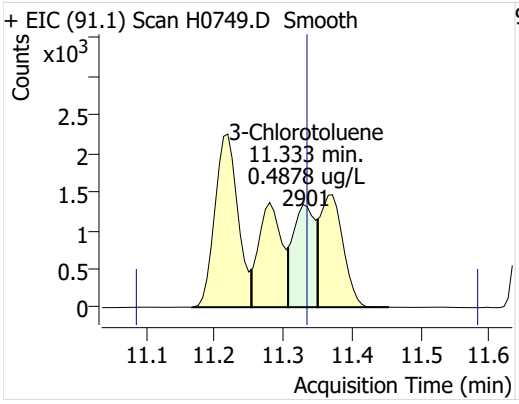


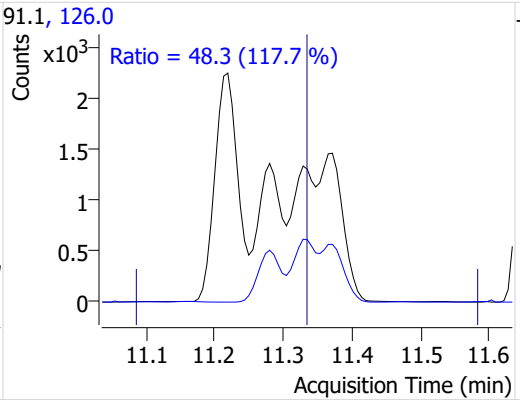


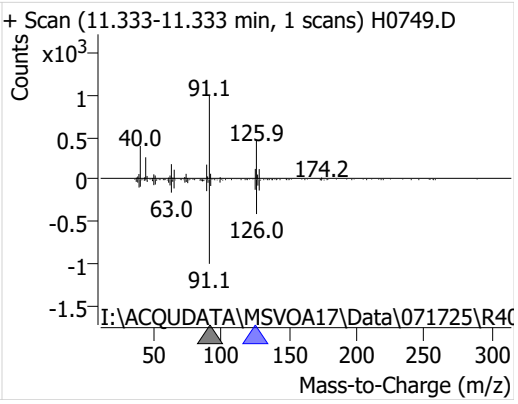


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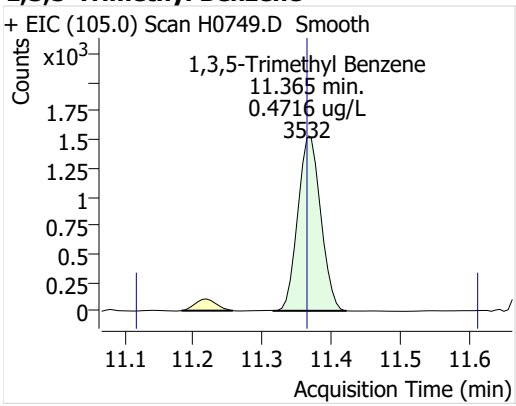
3-Chlorotoluene

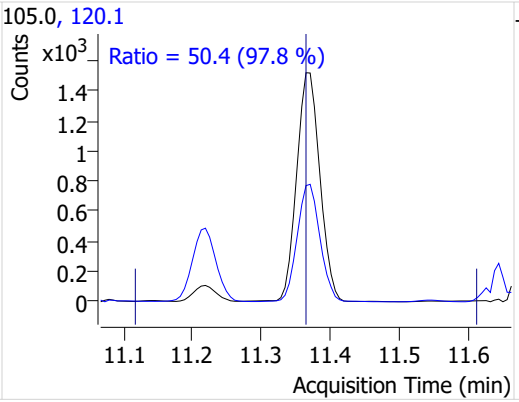


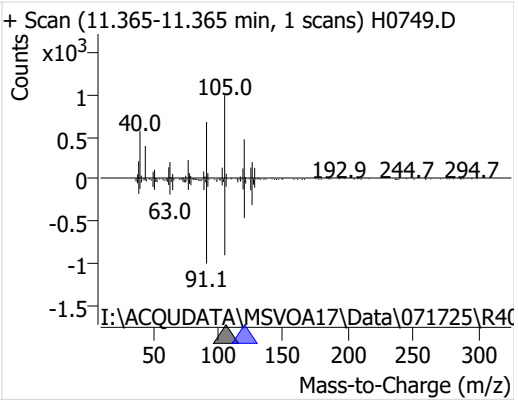




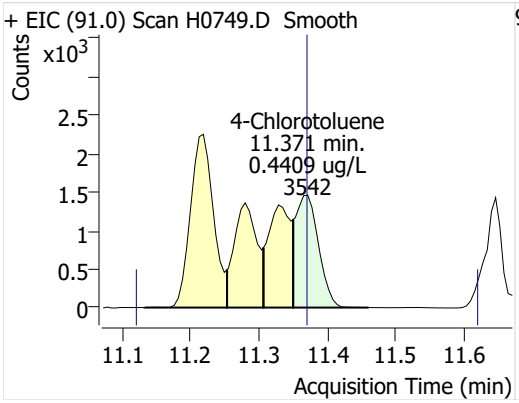
1,3,5-Trimethyl Benzene

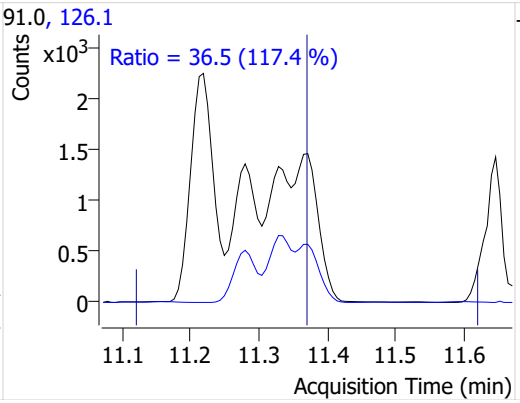


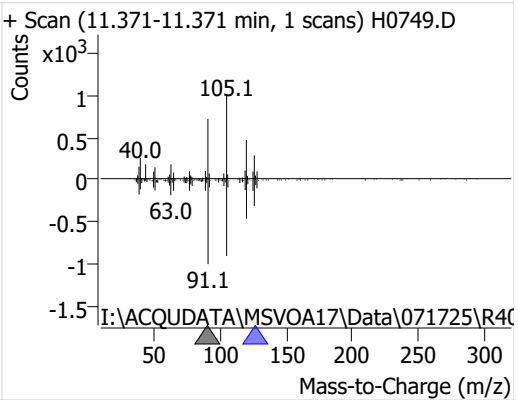




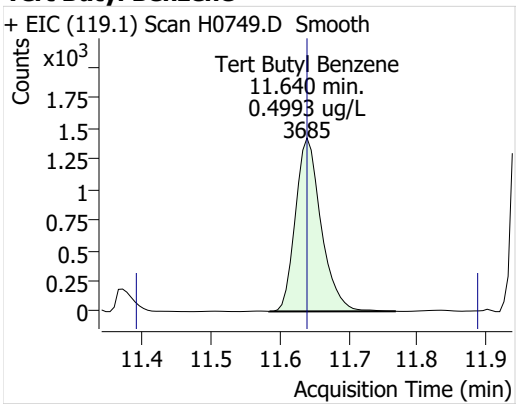
4-Chlorotoluene

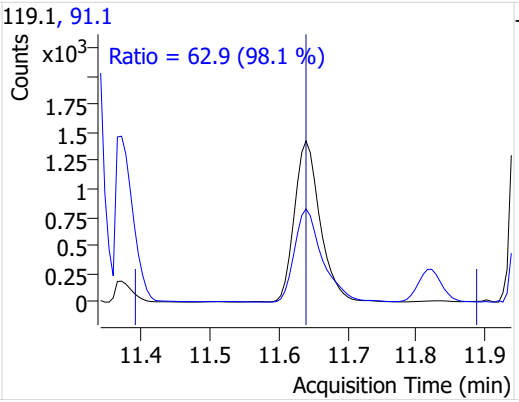


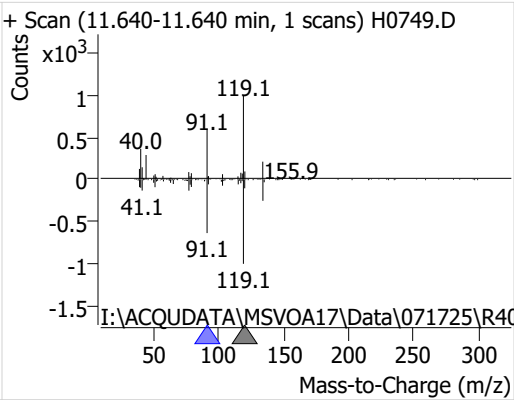




Tert Butyl Benzene

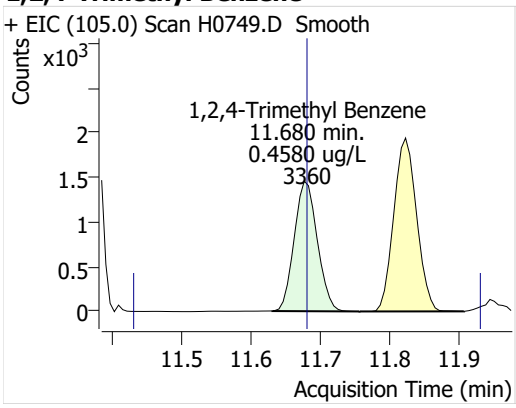


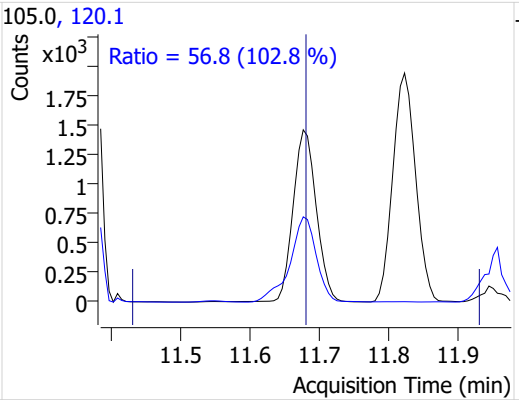


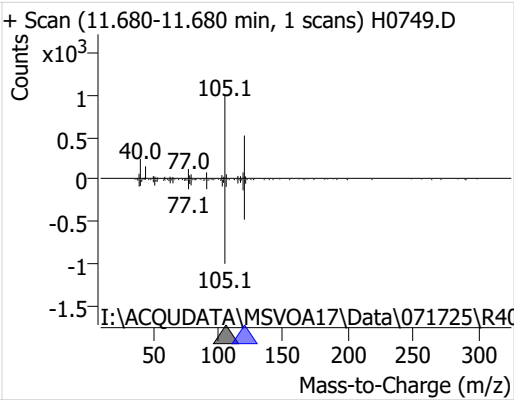


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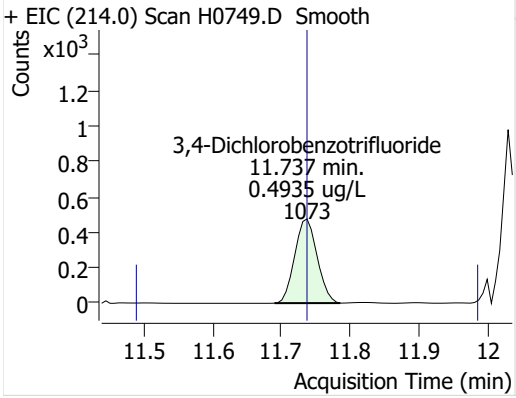
1,2,4-Trimethyl Benzene

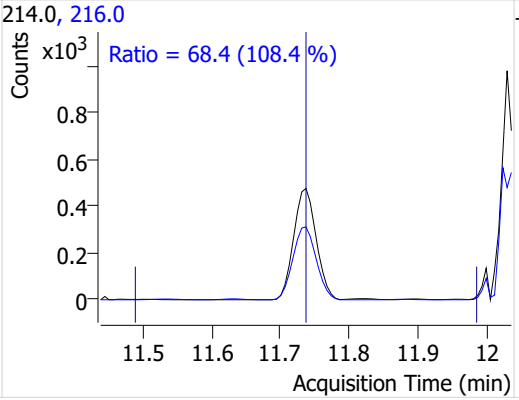


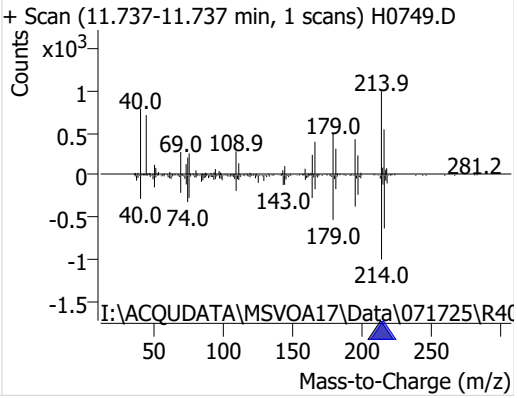




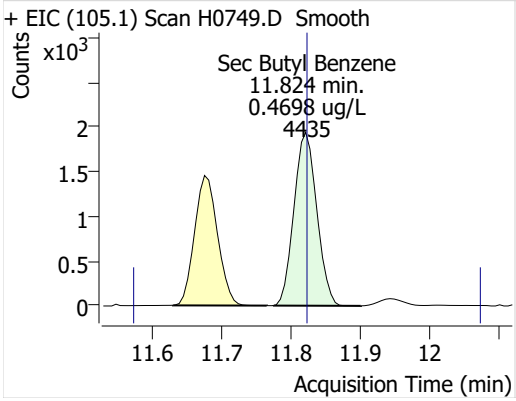
3,4-Dichlorobenzotrifluoride

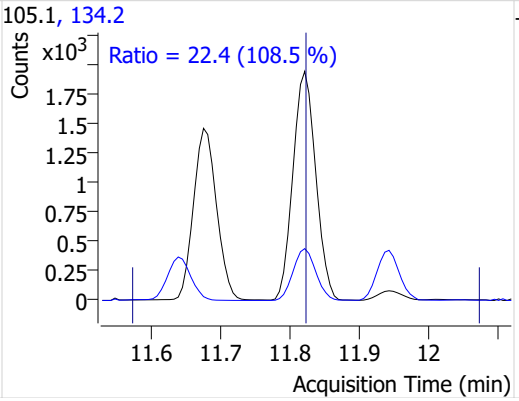


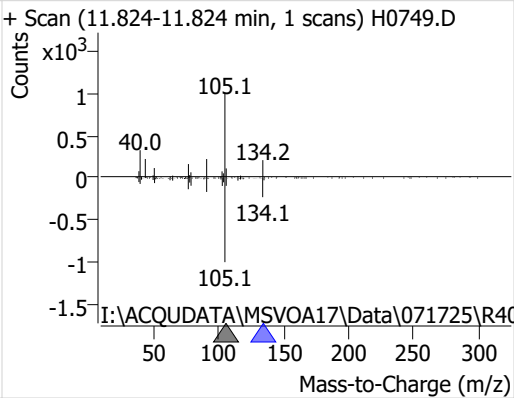




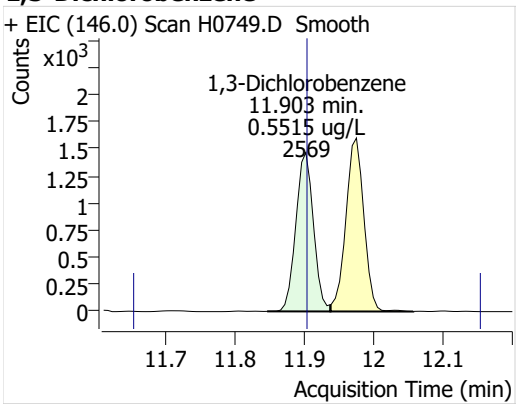
Sec Butyl Benzene

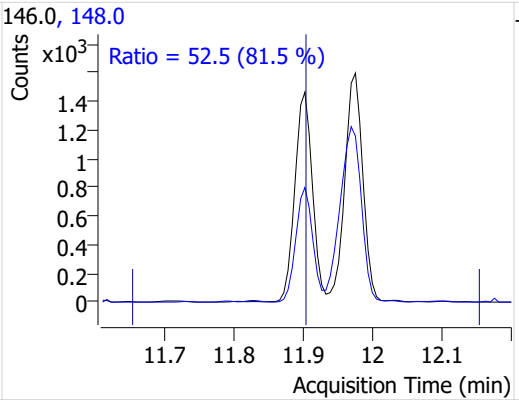


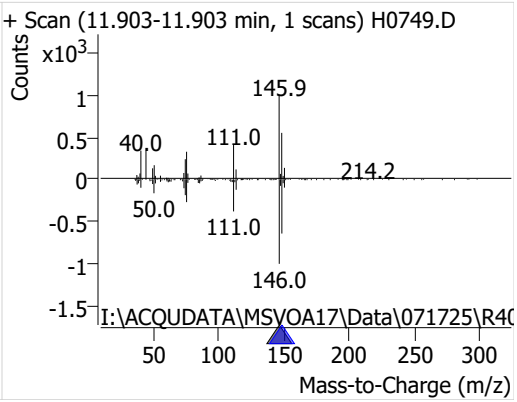




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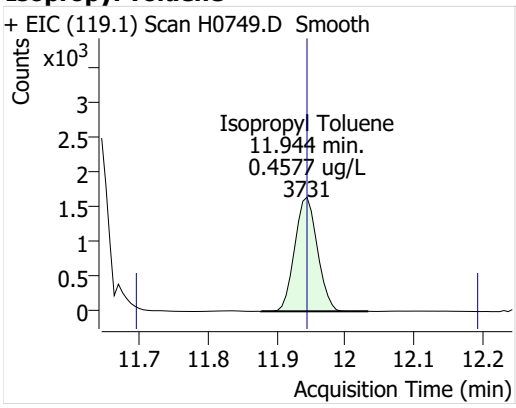


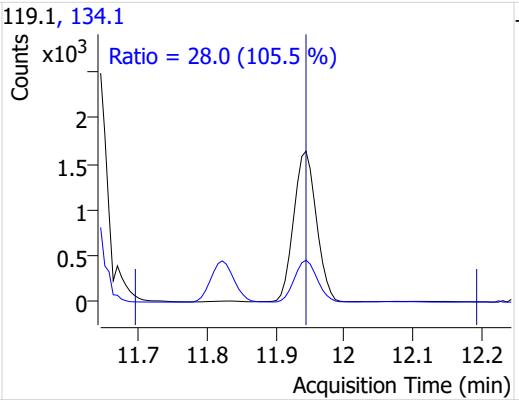


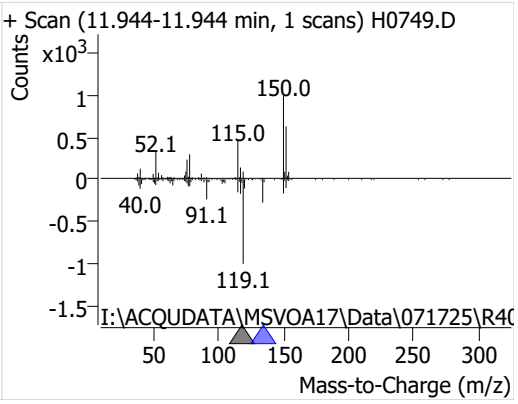


Masshunter Quantitative Analysis Sample Report

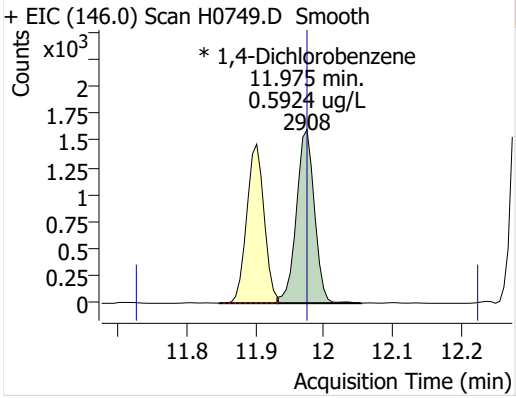
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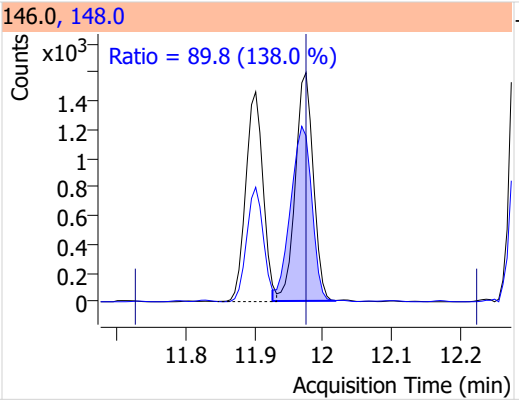


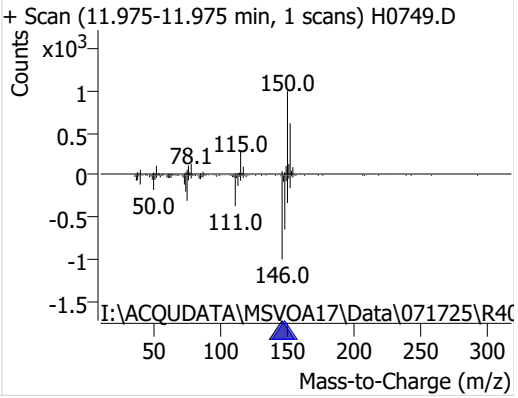




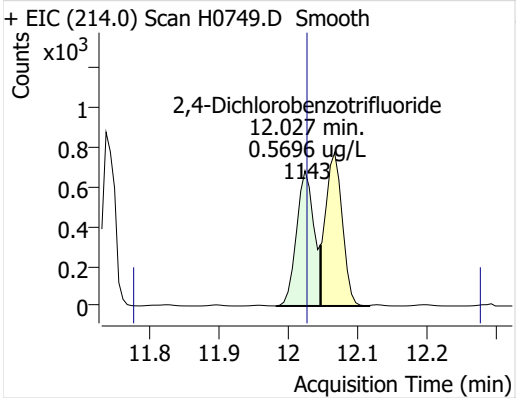
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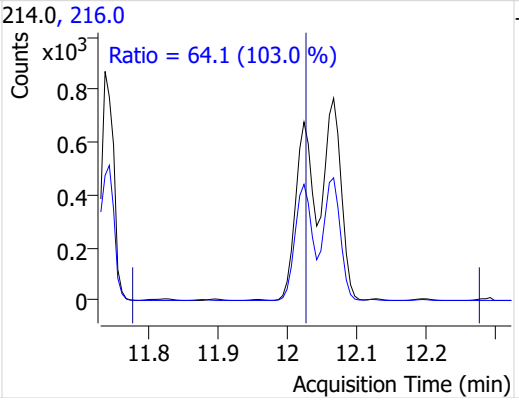


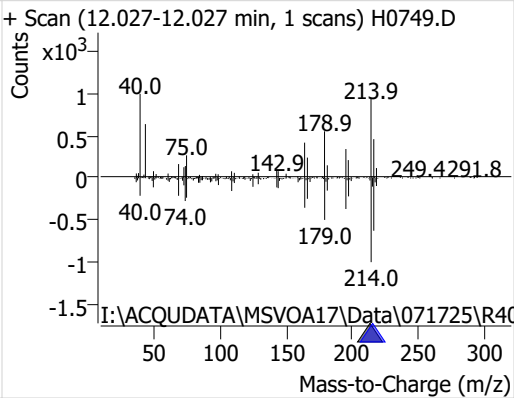




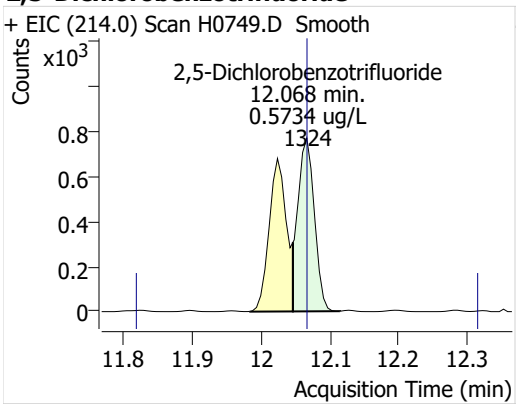
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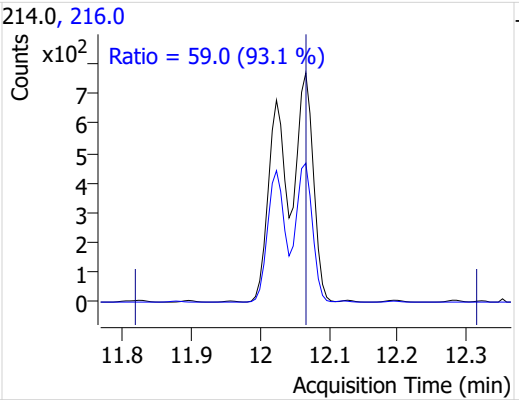


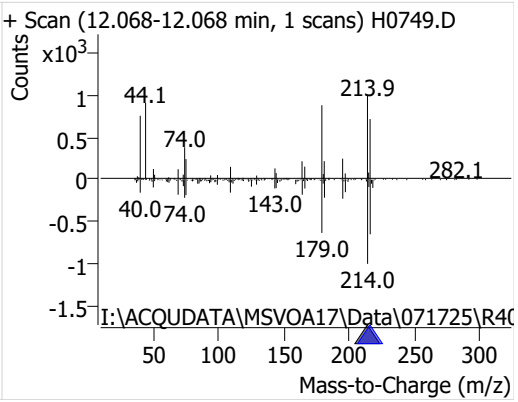




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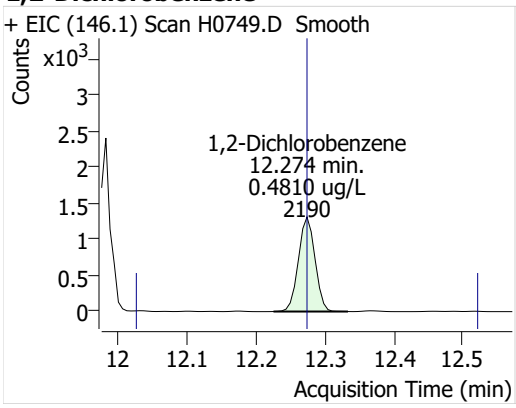


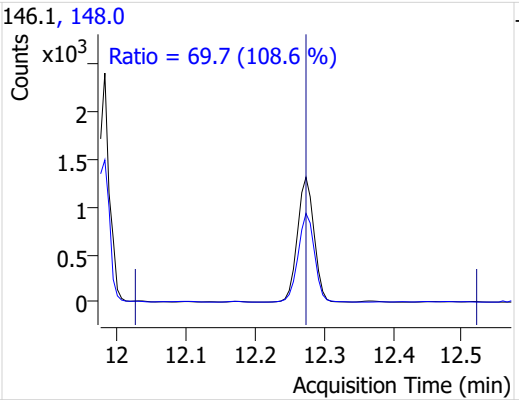


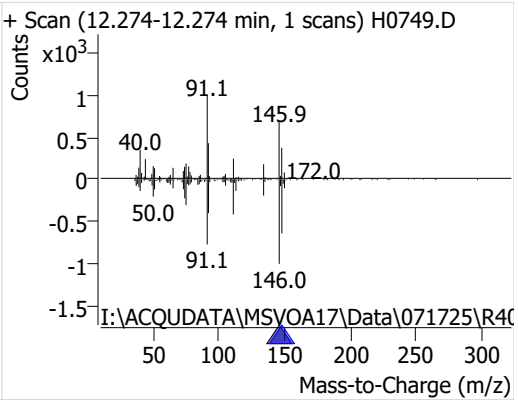


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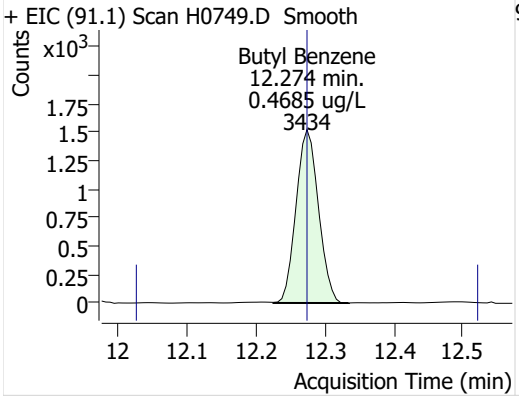
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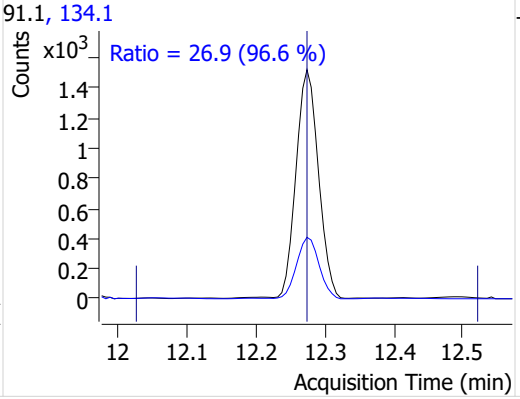


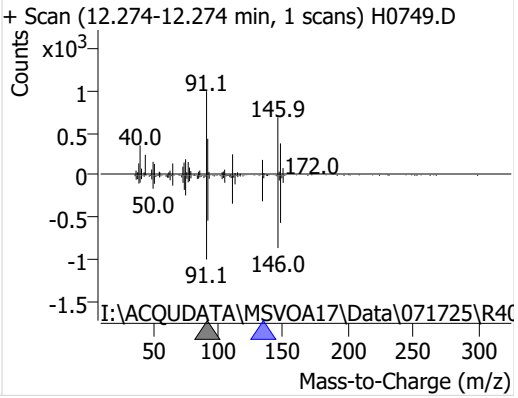




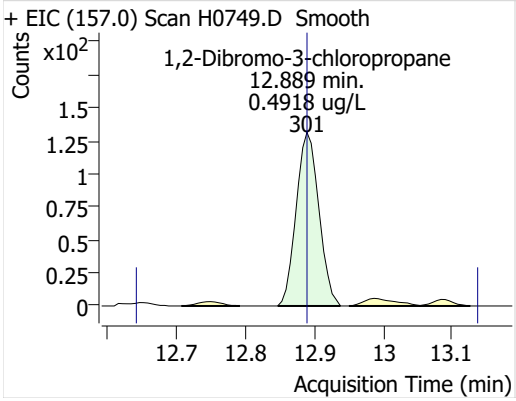
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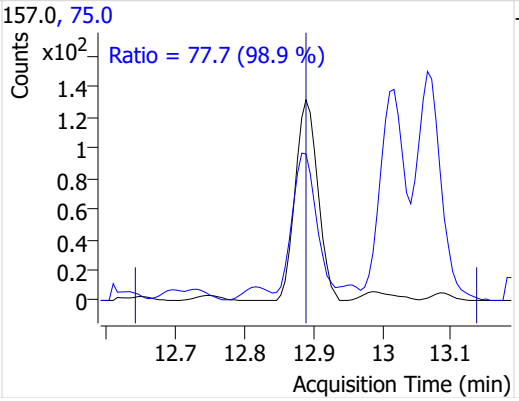


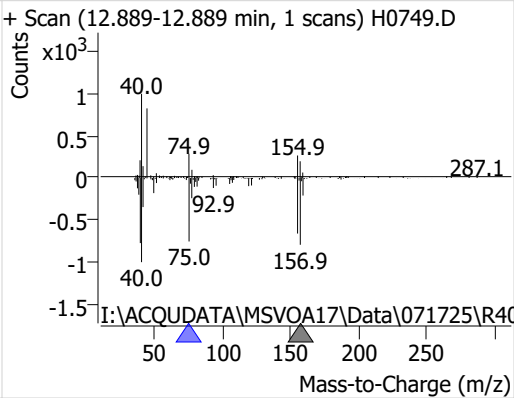




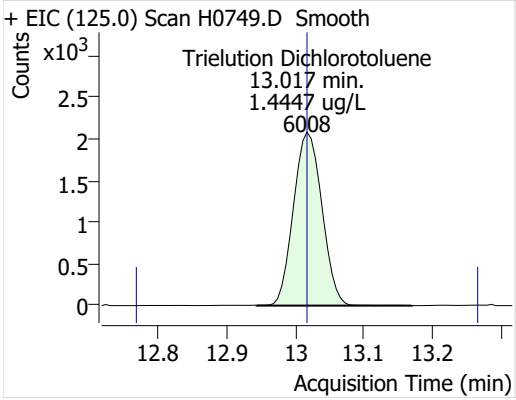
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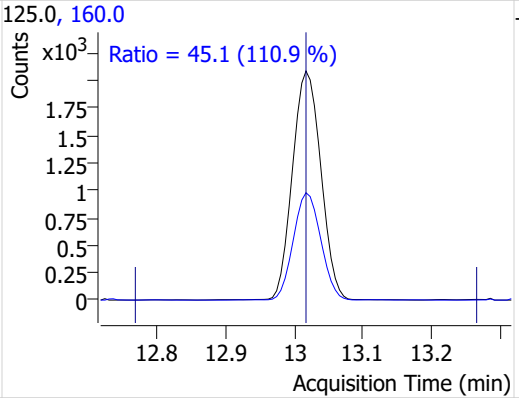


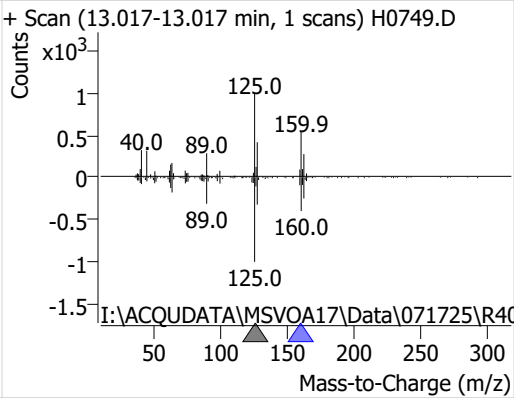




Trielution Dichlorotoluene

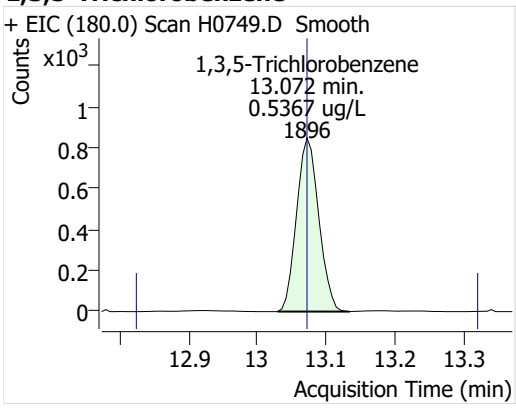


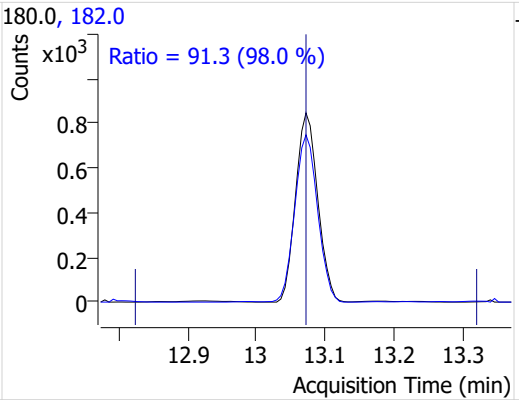


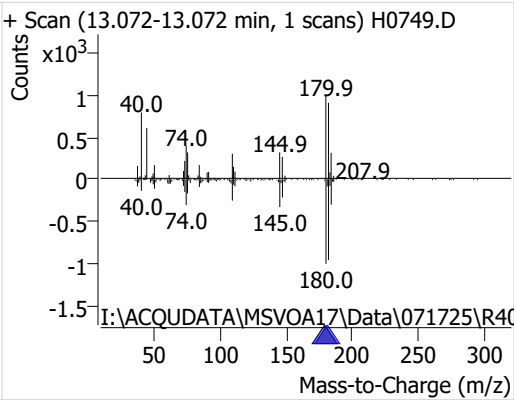


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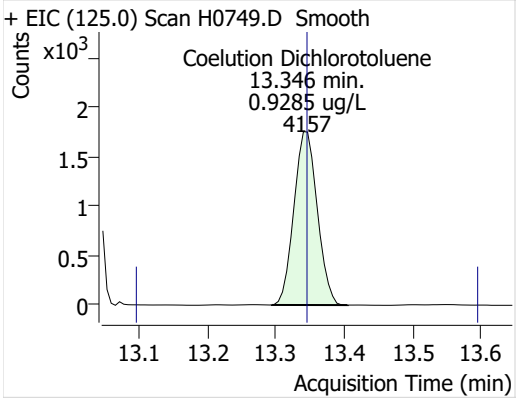
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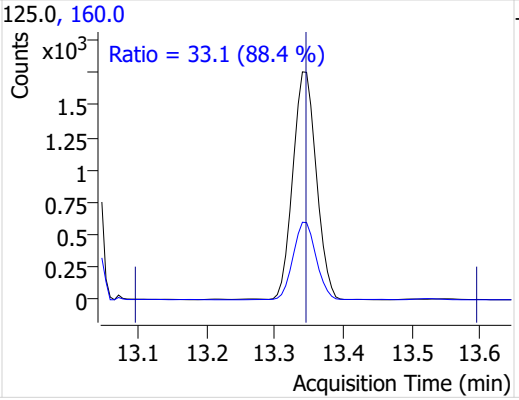


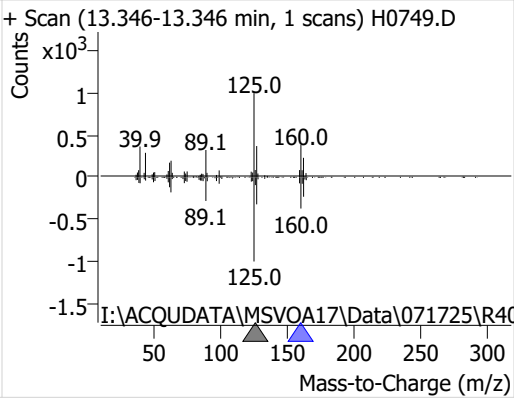




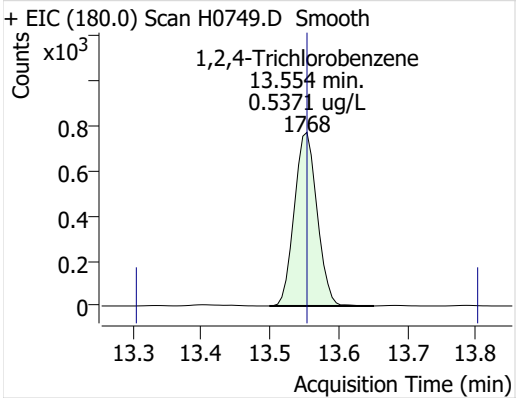
Coelution Dichlorotoluene

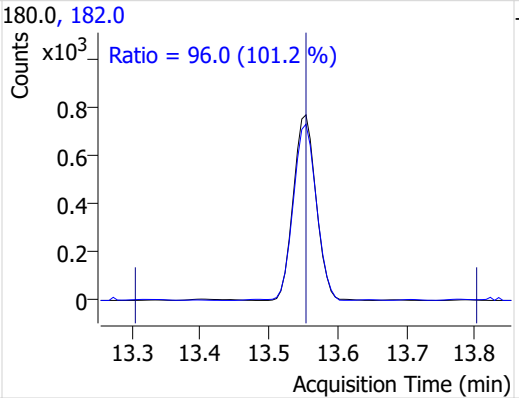


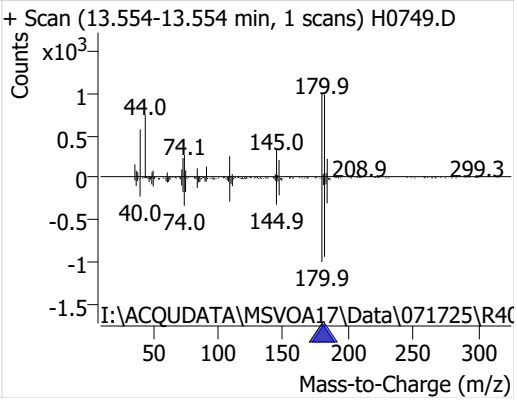




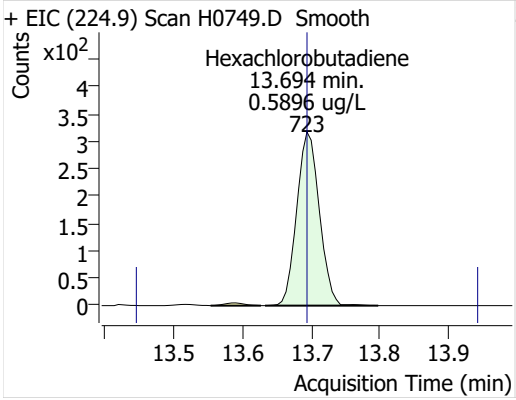
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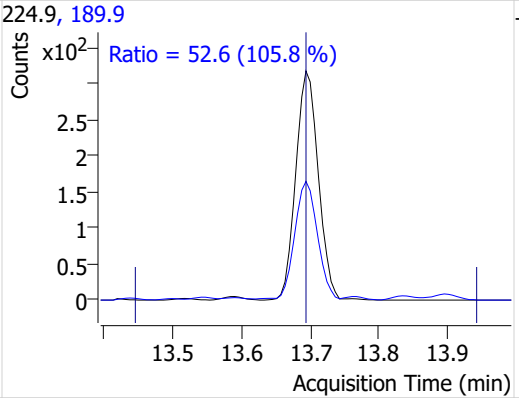


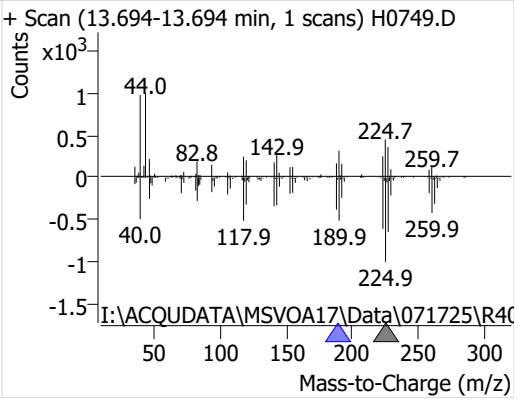




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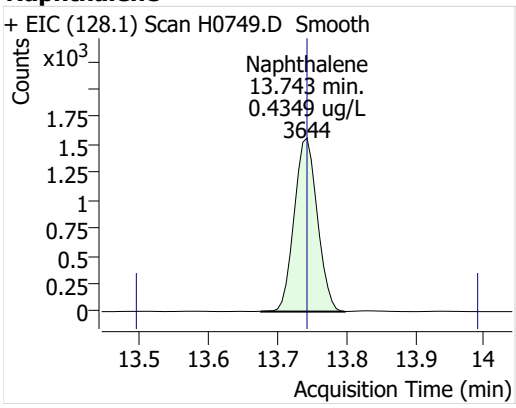


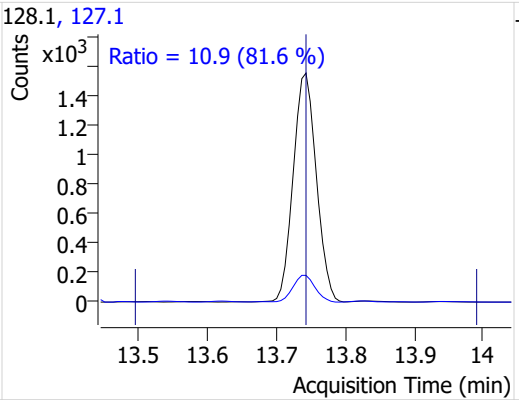


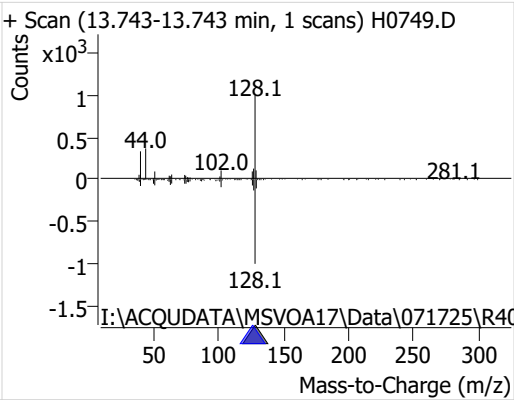


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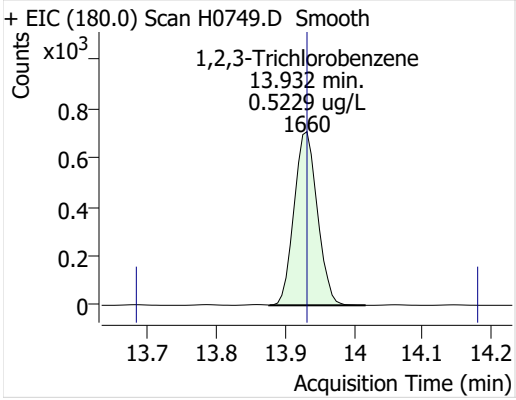
Naphthalene

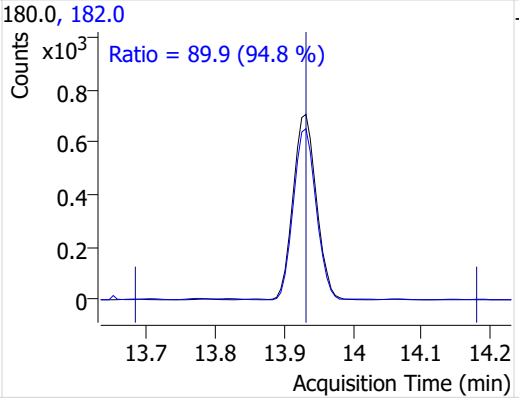


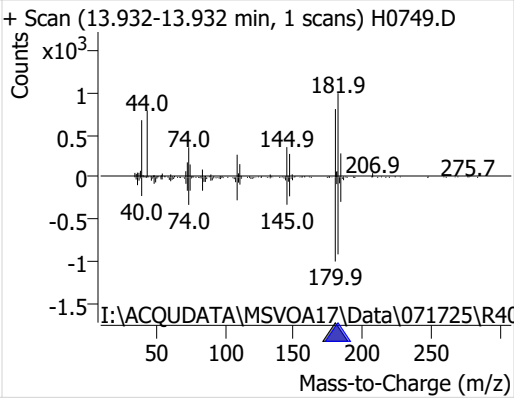




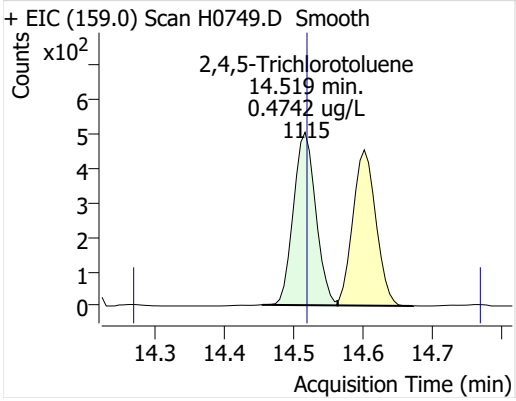
1,2,3-Trichlorobenzene

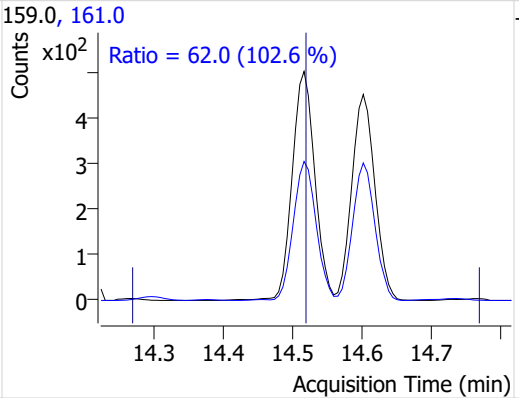


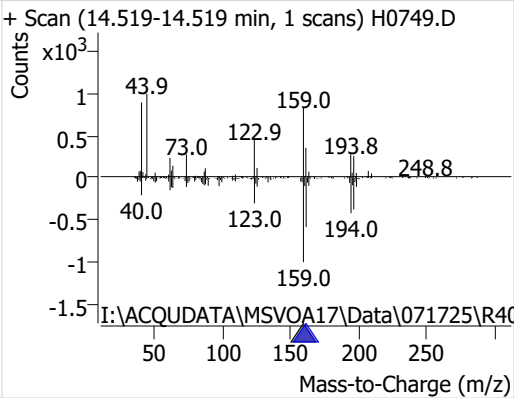




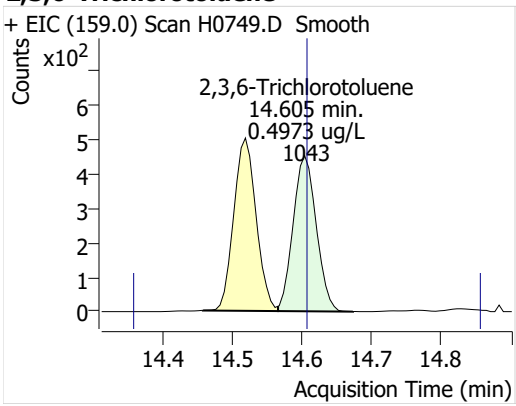
2,4,5-Trichlorotoluene

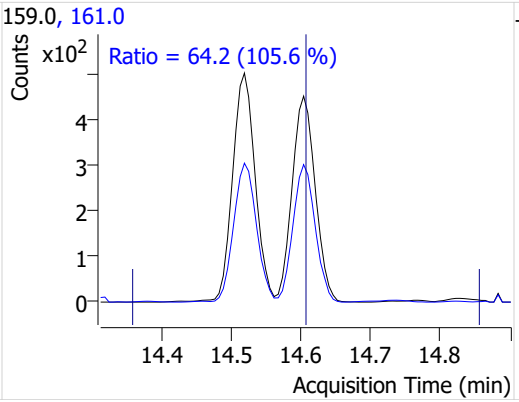


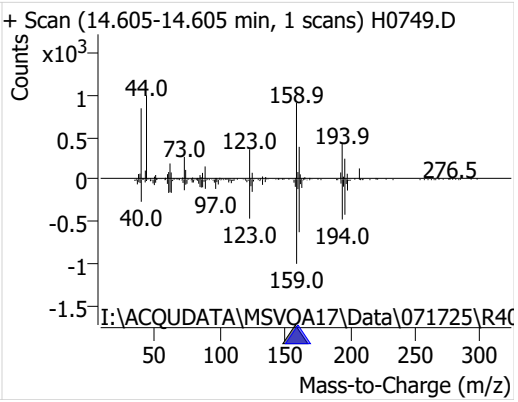




2,3,6-Trichlorotoluene





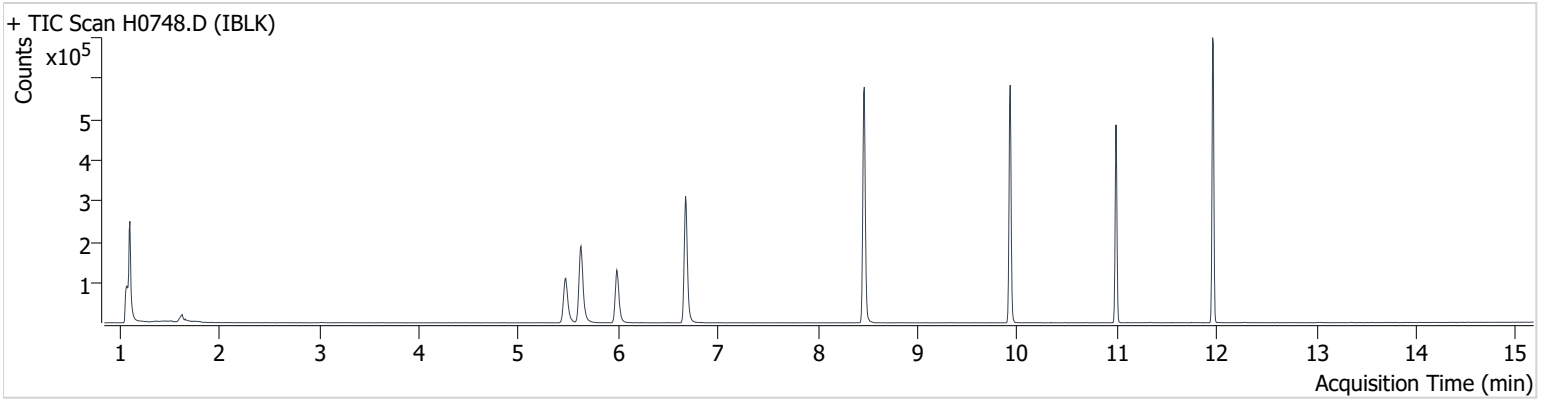


Masshunter Quantitative Analysis Sample Report

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Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Batch State**	Processed
Report Generation Time	9/9/2025 11:26:40 AM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	
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Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	090825 ms16 ical.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.616	0.006	194972	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.665	0.006	317138	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	282714	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	149334	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.464	0.001	105463	51.5826	ug/L
Toluene-d8	98.1	1.269	0.001	8.457	0.008	387347	49.0165	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	116981	48.6842	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.976	0.007	120103	50.8948	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

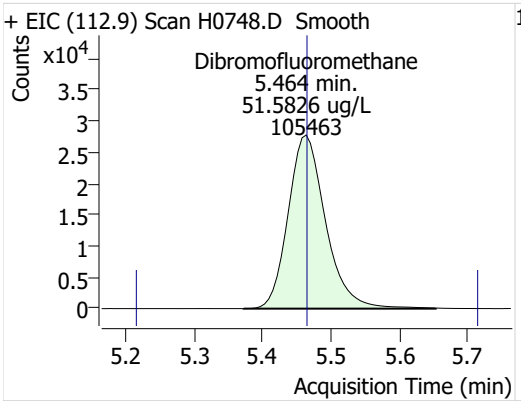
Masshunter Quantitative Analysis Sample Report

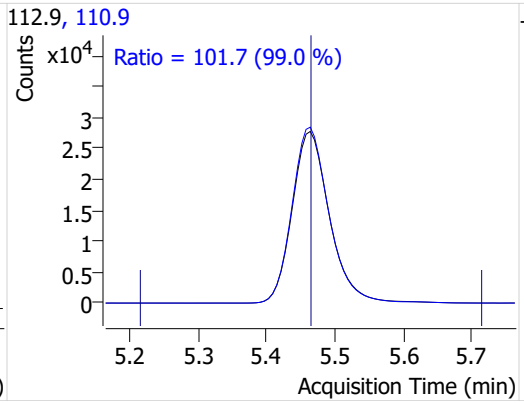
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

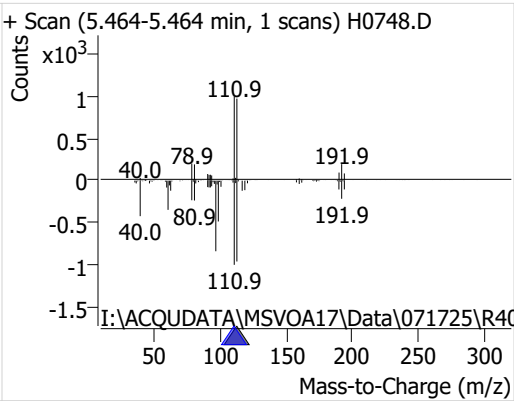
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

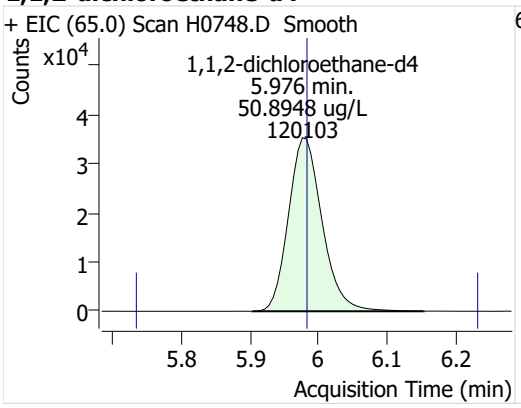
Dibromofluoromethane

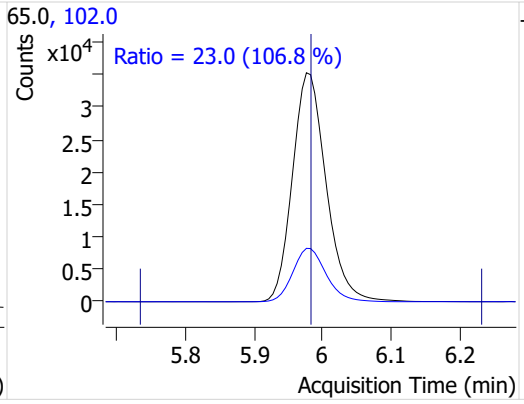


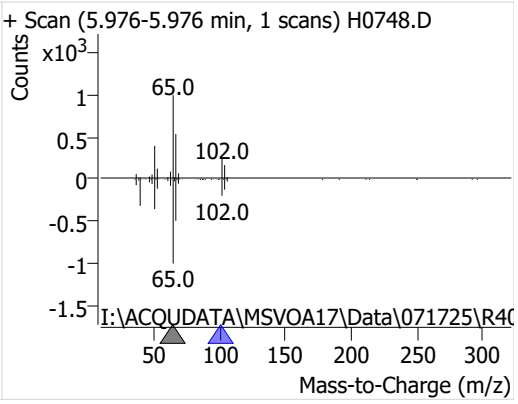




1,1,2-dichloroethane-d4

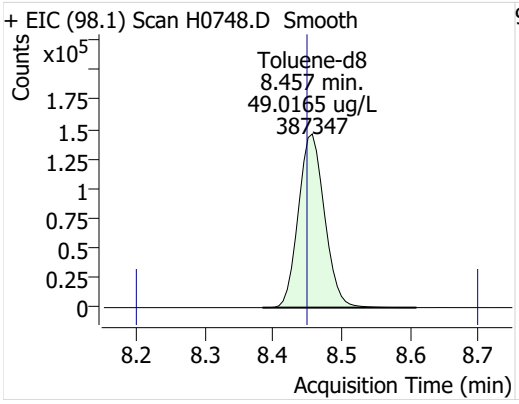


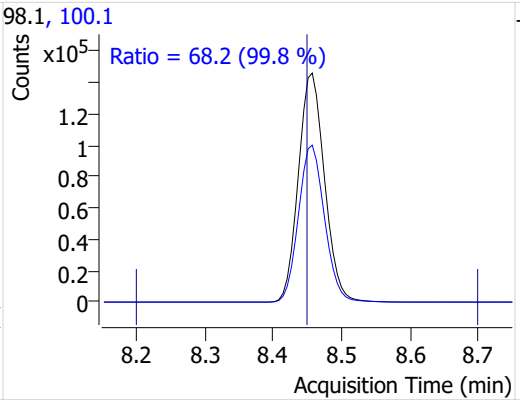


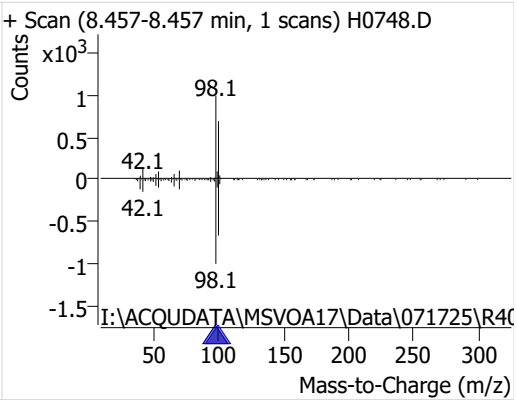


Masshunter Quantitative Analysis Sample Report

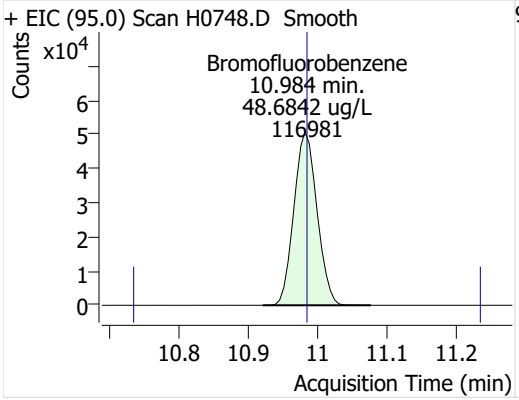
Toluene-d8

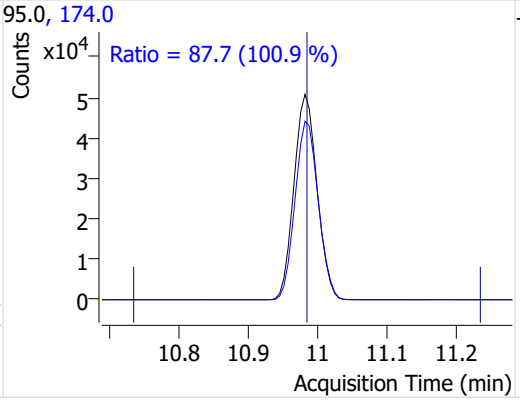


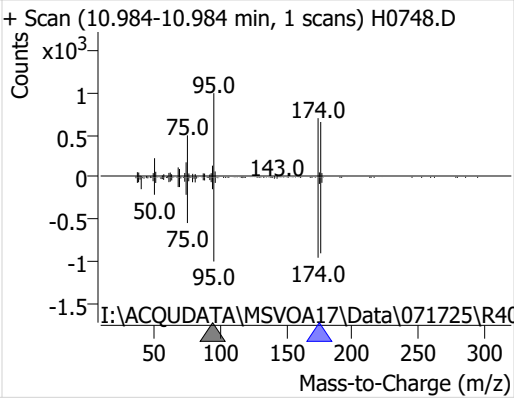




Bromofluorobenzene







Analysis: 8260 + 624 | Analyst: VMW | pH strips: N/A | Tune Method: RC250D185

Date: 9/16/25 | Balance ID: N/A | ResCl strips: ↓ | Run Method: S240825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 223906 + 233329 | LIMS Run#: ICAL

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	CI	pH	File#	OK?	Comments
1	BLK								H0744		
2	↓								H0745		
3									H0746		
4	TUNE								H0747	YT	(auto)
1	IBLK	(5ppm)	(500mL) 50(5mL) FV						H0748	YB	
2	0.5	5uL	— — 50mL						H0749	Y	
3	1.0	10uL	— —						H0750	Y	
4	2.0	20uL	— —						H0751	Y	
5	5.0	50uL	— 1mL						H0752	Y	
6	20	—	2mL 2mL						H0753	Y	
7	50	—	5mL 5mL						H0754	Y	
8	100	—	10mL 10mL						H0755	Y	
9	150	—	15mL ~~15mL~~ 20mL						H0756	Y	
10	200	—	20mL ~~20mL~~ (KD) ✓						H0757	Y	
11	BLK								H0758	—	
12	↓								H0759	—	
13	ICV. 50								H0760	YQ	
14	BLK								H0761	—	

PDD
YR 9/9/25

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

500 Primary OCC : 243703
Primary Fr : 243684
Primary Tb : 243682 5uL ~~250mL~~ = 5ppm
Primary HSL : 243385
Primary 236 : 243474
TVT

10mL → 1.0mL MeOH
=CCV (KD)

200 Secondary Fr : 243705 ~~12.5mL~~ 12.5mL (KD)
500 Secondary OCC : 242619
Secondary Tb : 243683 5uL
Secondary HSL : 243495
Secondary 236 : 243475
TVT

50mL = ICV

Combined IS/Surr :
Surrogate 50 : 243529
Internal Std 50 : 243528
Reagents:

Sequence Table

Batch Data Path File Name	I:\ACQUDATA\MSVOA16\Data\090825\QuantResults\090825 ms16 ical.batch.bin		
Analysis Time Stamp	9/9/2025 11:26:24 AM	**Analyst Name**	K.Ruest
Report Generation Time	9/9/2025 11:34:29 AM	**Report Generator Name**	K.Ruest
Calibration Last Updated Time Stamp	9/9/2025 11:26:09 AM	**Batch State**	Processed
Analyze Quant Version	12.1Update 3	**Report Quant Version**	12.1

Instrument Name	Acq. Date-Time	Type	Dil.	Vial	Name	Data File	Level	Info.	Sample Group	Acq. Method File	Comment
GCMS	9/8/2025 1:07 PM	TuneCheck	1	4	TUNE	H0747.D			VOC	8260W	
GCMS	9/8/2025 2:31 PM	Sample	1	1	IBLK	H0748.D			VOC	8260W	
GCMS	9/8/2025 2:53 PM	Calibration	1	2	0.5ppb	H0749.D	0.5	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 3:16 PM	Calibration	1	3	1.0ppb	H0750.D	1	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 3:39 PM	Calibration	1	4	2.0ppb	H0751.D	2	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:02 PM	Calibration	1	5	5.0ppb	H0752.D	5	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:24 PM	Calibration	1	6	20ppb	H0753.D	20	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 4:47 PM	Calibration	1	7	50ppb	H0754.D	50	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:10 PM	Calibration	1	8	100ppb	H0755.D	100	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:33 PM	Calibration	1	9	150ppb	H0756.D	150	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 5:56 PM	Calibration	1	10	200ppb	H0757.D	200	8260/624 ICAL	VOC	8260W	
GCMS	9/8/2025 6:18 PM	Sample	1	11	BLK	H0758.D			VOC	8260W	
GCMS	9/8/2025 6:41 PM	Sample	1	12	BLK	H0759.D			VOC	8260W	
GCMS	9/8/2025 7:04 PM	CC	1	13	ICV-50	H0760.D	50	8260/624 ICAL	VOC	8260W	

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500185-01	0.5ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0749.D	09/08/2025 14:53
02	RC2500185-02	1.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D	09/08/2025 15:16
03	RC2500185-03	2.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D	09/08/2025 15:39
04	RC2500185-04	5.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D	09/08/2025 16:02
05	RC2500185-05	20ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D	09/08/2025 16:24
06	RC2500185-06	50ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D	09/08/2025 16:47
07	RC2500185-07	100ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D	09/08/2025 17:10
08	RC2500185-08	150ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D	09/08/2025 17:33
09	RC2500185-09	200ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0757.D	09/08/2025 17:56

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7071	02	1	0.8651	03	2	0.8238	04	5	0.7847
05	20	0.5482	06	50	0.7084	07	100	0.8352	08	150	0.8562
09	200	0.8402									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.9885	02	1	0.9845	03	2	0.9524	04	5	0.936
05	20	0.7054	06	50	0.8395	07	100	0.942	08	150	0.9634
09	200	0.9464									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.8611	02	1	0.8453	03	2	0.8806	04	5	0.8141
05	20	0.5843	06	50	0.7336	07	100	0.8494	08	150	0.8722
09	200	0.8422									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.7762	05	20	0.8097	06	50	0.8012	07	100	0.8004
08	200	0.8351									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.3019	05	20	0.3444	06	50	0.3408	07	100	0.3179
08	200	0.3067									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3807	02	1	0.4064	03	2	0.3927	04	5	0.3992
05	20	0.2547	06	50	0.3383	07	100	0.4118	08	150	0.4082
09	200	0.4056									

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	1.234	05	20	1.335	06	50	1.294	07	100	1.201
08	200	1.165									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3993	02	1	0.4304	03	2	0.3764	04	5	0.3698
05	20	0.267	06	50	0.3378	07	100	0.3839	08	150	0.3788
09	200	0.3668									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.795	02	1	0.6918	03	2	0.6688	04	5	0.6695
05	20	0.5047	06	50	0.5916	07	100	0.6614	08	150	0.6575
09	200	0.6369									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.5849	02	1	0.5872	03	2	0.5949	04	5	0.5541
05	20	0.4745	06	50	0.5463	07	100	0.598	08	150	0.6124
09	200	0.5985									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7719	02	1	0.7285	03	2	0.7412	04	5	0.7033
05	20	0.5371	06	50	0.6561	07	100	0.752	08	150	0.7865
09	200	0.769									

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

Analyte Name	Compound Type	Calibration Evaluation				Calibration Evaluation	
		Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	13.4	≤20	0.7743	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	9.9	≤20	0.9176	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	11.7	≤20	0.8092	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	2.6	≤20	0.8045	
Dibromofluoromethane	SURR	Average RF	% RSD	6.0	≤20	0.3223	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	13.6	≤20	0.3775	0.200
Toluene-d8	SURR	Average RF	% RSD	5.5	≤20	1.246	
Trichloroethene (TCE)	TRG	Average RF	% RSD	12.3	≤20	0.3678	0.200
Vinyl Chloride	TRG	Average RF	% RSD	11.9	≤20	0.653	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.5723	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	10.9	≤20	0.7162	0.100

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500185-10	ICV-50	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D	09/08/2025 19:04

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	56.1	7.743E-1	8.69E-1	12.22	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.3	9.176E-1	9.772E-1	6.50	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	54.5	8.092E-1	8.814E-1	8.92	±30	Average RF
Tetrachloroethene (PCE)	50.0	56.9	3.775E-1	4.3E-1	13.90	±30	Average RF
Trichloroethene (TCE)	50.0	53.9	3.678E-1	3.965E-1	7.80	±30	Average RF
Vinyl Chloride	50.0	54.5	6.53E-1	7.113E-1	8.93	±30	Average RF
cis-1,2-Dichloroethene	50.0	57.5	5.723E-1	6.576E-1	14.91	±30	Average RF
trans-1,2-Dichloroethene	50.0	49.9	7.162E-1	7.151E-1	-0.157	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	48.7	8.045E-1	7.834E-1	-2.623	±30	Average RF
Dibromofluoromethane	50.0	49.3	3.223E-1	3.178E-1	-1.395	±30	Average RF
Toluene-d8	50.0	48.3	1.246E0	1.205E0	-3.321	±30	Average RF

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/20/25 10:06

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method:	8260D	**Calibration Date:**	9/8/2025
File ID:	I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	**Calibration ID:**	RC2500185
Signal ID:	1	**Analysis Lot:**	893977
		Units:	ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.3	0.7743	0.7627	-1.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.8	0.9176	0.9319	1.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	51.6	0.8092	0.8357	3.3	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	44.9	0.3775	0.3388	-10.3	NA	±20	Average RF
Trichloroethene (TCE)	50.0	45.4	0.3678	0.3338	-9.2	NA	±20	Average RF
Vinyl Chloride	50.0	50.6	0.653	0.6608	1.2	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	48.5	0.5723	0.5556	-2.9	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	52.5	0.7162	0.7517	5.0	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.5	0.8045	0.8125	1.0	NA	±20	Average RF
Dibromofluoromethane	50.0	48.1	0.3223	0.31	-3.8	NA	±20	Average RF
Toluene-d8	50.0	50.1	1.2459	1.2476	0.1	NA	±20	Average RF

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/23/25 11:53

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method:	8260D	**Calibration Date:**	9/8/2025
File ID:	I:\ACQUDATA\MSVOA16\Data\092325\H1292.D	**Calibration ID:**	RC2500185
Signal ID:	1	**Analysis Lot:**	894281
		Units:	ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	53.7	0.7743	0.8315	7.4	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	56.4	0.9176	1.0359	12.9	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	57.2	0.8092	0.926	14.4	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	50.3	0.3775	0.3795	0.5	NA	±20	Average RF
Trichloroethene (TCE)	50.0	49.2	0.3678	0.3619	-1.6	NA	±20	Average RF
Vinyl Chloride	50.0	55.4	0.653	0.7237	10.8	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	53.1	0.5723	0.6074	6.1	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	58.5	0.7162	0.8381	17.0	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	51.5	0.8045	0.8286	3.0	NA	±20	Average RF
Dibromofluoromethane	50.0	48.5	0.3223	0.3126	-3.0	NA	±20	Average RF
Toluene-d8	50.0	48.3	1.2459	1.2038	-3.4	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	Continuing Calibration Verification	RQ2512977-01	9/20/2025	10:06	
I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	Lab Control Sample	RQ2512977-02	9/20/2025	10:53	
I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	11:16	
I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	Method Blank	RQ2512977-04	9/20/2025	12:14	
I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	12:37	
I:\ACQUDATA\MSVOA16\Data\092025\H1205.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:00	
I:\ACQUDATA\MSVOA16\Data\092025\H1206.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:23	
I:\ACQUDATA\MSVOA16\Data\092025\H1207.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:46	
I:\ACQUDATA\MSVOA16\Data\092025\H1208.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:08	
I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:31	
I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	MW-17-091725	R2511791-001	9/20/2025	14:54	
I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	15:17	
I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	MW-8-091725	R2511791-004	9/20/2025	15:39	
I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	16:02	
I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	DUP-091725	R2511791-007	9/20/2025	16:25	
I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:33	
I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:56	
I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	18:19	
I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	18:42	
I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:04	
I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:27	
I:\ACQUDATA\MSVOA16\Data\092025\H1223.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:50	
I:\ACQUDATA\MSVOA16\Data\092025\H1224.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:13	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1225.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:36	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: **Analysis Lot:**894281
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092325\H1291.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	11:19	
I:\ACQUDATA\MSVOA16\Data\092325\H1292.D	Continuing Calibration Verification	RQ2513133-02	9/23/2025	11:53	
I:\ACQUDATA\MSVOA16\Data\092325\H1293.D	Lab Control Sample	RQ2513133-03	9/23/2025	12:33	
I:\ACQUDATA\MSVOA16\Data\092325\H1296.D	Method Blank	RQ2513133-04	9/23/2025	13:51	
I:\ACQUDATA\MSVOA16\Data\092325\H1298.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	14:37	
I:\ACQUDATA\MSVOA16\Data\092325\H1299.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	15:00	
I:\ACQUDATA\MSVOA16\Data\092325\H1300.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	15:25	
I:\ACQUDATA\MSVOA16\Data\092325\H1301.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	15:47	
I:\ACQUDATA\MSVOA16\Data\092325\H1302.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	16:10	
I:\ACQUDATA\MSVOA16\Data\092325\H1303.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	16:33	
I:\ACQUDATA\MSVOA16\Data\092325\H1304.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	16:56	
I:\ACQUDATA\MSVOA16\Data\092325\H1305.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	17:18	
I:\ACQUDATA\MSVOA16\Data\092325\H1306.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	17:41	
I:\ACQUDATA\MSVOA16\Data\092325\H1307.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	18:04	
I:\ACQUDATA\MSVOA16\Data\092325\H1308.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	18:27	
I:\ACQUDATA\MSVOA16\Data\092325\H1309.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	18:49	
I:\ACQUDATA\MSVOA16\Data\092325\H1310.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	19:12	
I:\ACQUDATA\MSVOA16\Data\092325\H1311.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	19:35	
I:\ACQUDATA\MSVOA16\Data\092325\H1312.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	19:58	
I:\ACQUDATA\MSVOA16\Data\092325\H1313.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	20:21	
I:\ACQUDATA\MSVOA16\Data\092325\H1314.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	20:43	
I:\ACQUDATA\MSVOA16\Data\092325\H1315.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	21:06	
I:\ACQUDATA\MSVOA16\Data\092325\H1316.D	MW-16-091725	R2511791-002	9/23/2025	21:29	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: **Analysis Lot:**894281
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092325\H1317.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	21:52	
I:\ACQUDATA\MSVOA16\Data\092325\H1318.D	ZZZZZZZ	ZZZZZZZ	9/23/2025	22:15	

Analysis: 8260D_WCA | Analyst: LMP | pH strips: 233024 | Tune Method: RC250016S

Date: 9/20/25 | Balance ID: N/A | ResCl strips: N/A | Run Method: 090825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 233677 | LIMS Run#: 893977

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	MBK								H1198		
2	CCV		RQ25112977.01						H1199	YC	
1	LCS.ump		02						H1200	YC	
2	LCS.fp		03						H1201	YC	
1	MBK		—						H1202	N	wpt 10
2	mMBK.ump		04						H1203	YB	
3	mMBK.fp		05						H1204	YB	
4	R2511212.003			23304	1	N	NA	4	H1205	Y	
5	↓ 004				1			12	H1206	Y	
6	R2511365.003				1			12	H1207	Y	
7	↓ 004			↓	1			12	H1208	Y	
8	R2511791.006							4	H1209	Y	
9	001			26516	1+2			8	H1210	Y	↑ sediment
10	003				1			4	11	Y	
11	004			26516	1			8	12	Y	
12	005				1			12	13	Y	
13	007			24516	1			8	14	Y	
14	002	5.0	10/50mls	↓	1	↓	↓	—	15	N	wpt 1 ↑ sediment
15	BLK	—							16	—	
16	R2511647.001				1	N	NA	12	17	Y	
17	002				1			12	18	Y	
18	003	10	5/50mls * purple: nk! *	26516	1			NA	19	Y	(ox · matrix)
19	004				1			12	H1220	Y	
20	005				1			12	01	Y	
21	007			26516	1			7	22	Y	
22	R2511394.001			24534				12	23	Y	
23	↓ 002			↓				12	24	Y	
24	R2511395.001	2.5	20/50mls					12	25	Y	
25	R2511791.005	5.0	MS · 002 (10/20 mls)		1			—	26	YB	N Runok - parent not reported
26	↓ 005	5.0	MSD · 002 (10/20 mls)	↓	1	↓	↓	—	27	YB	10 ↓
27	BLK	—							28	—	
28	↓	—							H1229	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Primary CC : 243703
Primary TB : 243850
Primary HSL : 243880 — 5uL → 50mls = CCV
Primary FP : 243684
Primary 236 : 243674
JT

Secondary FP : 243705 · 5uL
Secondary CC : 243619
Secondary TB : 243891 — 2uL
Secondary HSL : 243977
Secondary 236 : 243675
JT

-10.6uL → 4.3uL → 43mL vial = MS/D

Combined IS/Surr :
Surrogate SU : 243529
Internal Std SU : 243528
Reagents:

Analysis: 8260Wat/624 | Analyst: YMest | pH strips: 233024 | Tune Method: RC2500185

Date: 9/23/25 | Balance ID: N/A | ResCl strips: 012X526-HH | Run Method: 090825

Instr. 16 | 50 mL Class A used for dilution FV | Syringes: 238377 | LIMS Run#: 8942581

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK								H1288		*new 15/5u
2	↓								H1289		
3	TUNE								H1290	(Y)	176 ↓ not
4	↓								H1291	YT	(auto) 11:19
5	CCV								H1292	YC	
6	LCS.wmp								H1293	YQ	
7	LCS.EP								H1294	YQ	- not needed
8	BLK								H1295	(Y)	wt c/o
9	MBLK.wmp								H1296	YB	
10	MBLK.EP								H1297	YB	- not needed
11	R2511926-011		DOD.624	27949	1	N	N	4	H1298	Y	
12	012				1		N	4	H1299	Y	
13	001				1		N	5	H1300	Y	
14	002				1		N	4	H1301	Y	
15	003				1		N	4	H1302	Y	
16	004				1		N	4	H1303	Y	
17	005				1		N	4	H1304	Y	
18	006				1		N	4	H1305	Y	
19	007				1		N	4	H1306	Y	
20	008				1		N	4	H1307	Y	
21	009				1		N	4	H1308	Y	
22	↓ 010		↓	↓	1		N	4	H1309	Y	
23	R2511913-002			16755	1		N	4	H1310	Y	
24	↓ 001			↓	C-1		N	6	H1311	Y	
25	R2511749-001			25865	1		N	6	H1312	(Y)	↑ NON-TARGETS
26	009			↓	1		N	6	H1313	Y	
27	005	5	5/50 mls		1		N	8	H1314	Y	funny
28	↓ 010	10	10/50mls	27409	1		N	5	H1315	Y	↓
29	R2511791-002			26516	2+3		N	6	H1316	Y	
30	R2511926-002		MS DOD+624	27949	2		N	4	H1317	Y	
31	↓ 002		MSD ↓ ↓	↓	3	↓	N	4	H1318	Y	
32	BLK								H1319	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr :

Surrogate 5D : 2439888

Internal Std 5D : 2439889

Reagents:

5D Primary DCL : 243703

Primary FR : 243684

Primary TB : 243890 — 5uL → 5D mls

Primary HSL : 243880 — =CCV

Primary BB : 243474

TT

2D 5D Secondary FR : 243705 · 5uL

Secondary DCL : 243619

Secondary TB : 243891 — 2uL

Secondary HSL : 244006

Secondary BB : 243475

TT

10.4mL / 4.3mL — 5D mls = LCS

4.3mL vial = MS/D

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:40
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-10-091725	**Units:**	ug/L
Lab Code:	R2511791-003	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	**2.0**	1.0	0.20	1	09/20/25 15:17	
1,1-Dichloroethane (1,1-DCA)	**0.56 J**	1.0	0.20	1	09/20/25 15:17	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 15:17	
Tetrachloroethene (PCE)	**0.83 J**	1.0	0.21	1	09/20/25 15:17	
Trichloroethene (TCE)	**12**	1.0	0.20	1	09/20/25 15:17	
Vinyl Chloride	**0.23 J**	1.0	0.20	1	09/20/25 15:17	
cis-1,2-Dichloroethene	**2.7**	1.0	0.23	1	09/20/25 15:17	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 15:17	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	106	85 - 122	09/20/25 15:17	
Dibromofluoromethane	102	80 - 116	09/20/25 15:17	
Toluene-d8	102	87 - 121	09/20/25 15:17	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:45
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	FB-091725	**Units:**	ug/L
Lab Code:	R2511791-005	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 16:02	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 16:02	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 16:02	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 16:02	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 16:02	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 16:02	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 16:02	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 16:02	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	09/20/25 16:02	
Dibromofluoromethane	103	80 - 116	09/20/25 16:02	
Toluene-d8	102	87 - 121	09/20/25 16:02	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	TB-091725	**Units:**	ug/L
Lab Code:	R2511791-006	**Basis:**	NA

Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
Prep Method: EPA 5030C

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Q
1,1,1-Trichloroethane (TCA)	1.0 U	1.0	0.20	1	09/20/25 14:31	
1,1-Dichloroethane (1,1-DCA)	1.0 U	1.0	0.20	1	09/20/25 14:31	
1,1-Dichloroethene (1,1-DCE)	1.0 U	1.0	0.20	1	09/20/25 14:31	
Tetrachloroethene (PCE)	1.0 U	1.0	0.21	1	09/20/25 14:31	
Trichloroethene (TCE)	1.0 U	1.0	0.20	1	09/20/25 14:31	
Vinyl Chloride	1.0 U	1.0	0.20	1	09/20/25 14:31	
cis-1,2-Dichloroethene	1.0 U	1.0	0.23	1	09/20/25 14:31	
trans-1,2-Dichloroethene	1.0 U	1.0	0.20	1	09/20/25 14:31	

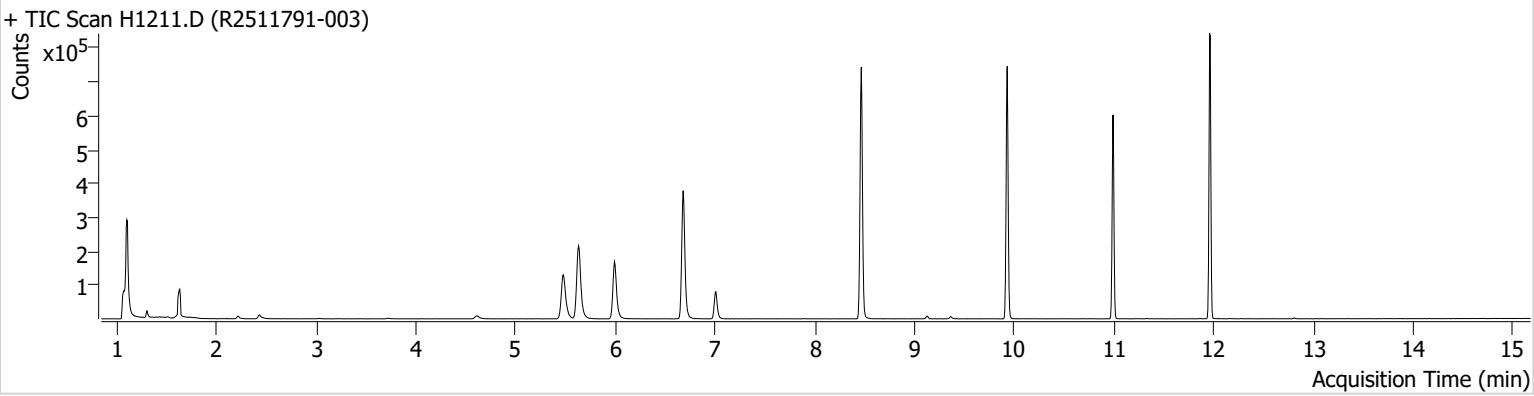
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	107	85 - 122	09/20/25 14:31	
Dibromofluoromethane	106	80 - 116	09/20/25 14:31	
Toluene-d8	103	87 - 121	09/20/25 14:31	

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\MSVOA16\Data\092025\H1211.D
Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1211.D

Acq. Date-Time	9/20/2025 3:17:09 PM	**Name**	R2511791-003
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon			RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0			5.622	0.000	213668	50.0000	ug/L
1,4-Difluorobenzene	114.0			6.671	0.000	363501	50.0000	ug/L
Chlorobenzene-d5	117.0			9.920	0.000	329584	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0			11.957	0.000	173535	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	119881	51.1562	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	461673	50.9706	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	148165	53.0623	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	158784	58.7040	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000	0.255	0.001	1.434	0.003	640	0.2292	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.000	3311	1.4578	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000	0.432	0.000	2.428	0.000	5794	2.4359	ug/L
Acetone	43.000	0.438	0.001	2.463	0.006	1498	1.5675	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

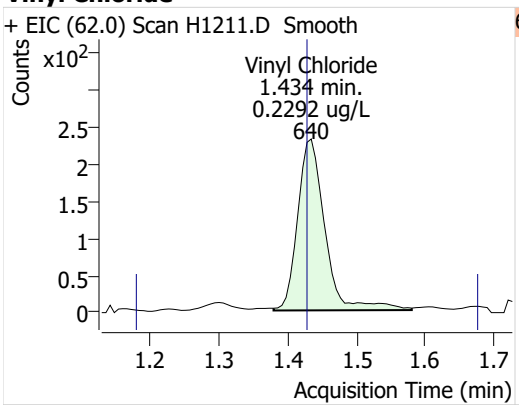
Masshunter Quantitative Analysis Sample Report

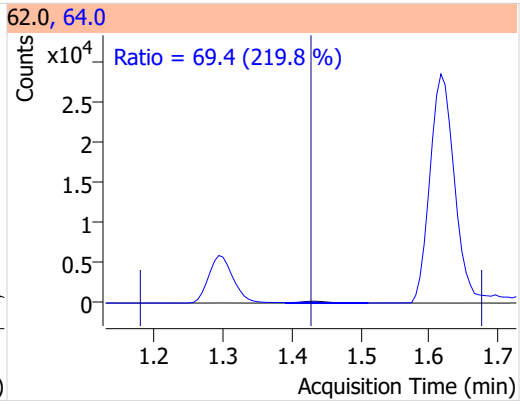
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	2201	0.5613	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000	0.820	0.000	4.609	0.001	6633	2.7121	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	6647	2.0088	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	31616	11.8238	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	2072	0.8328	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

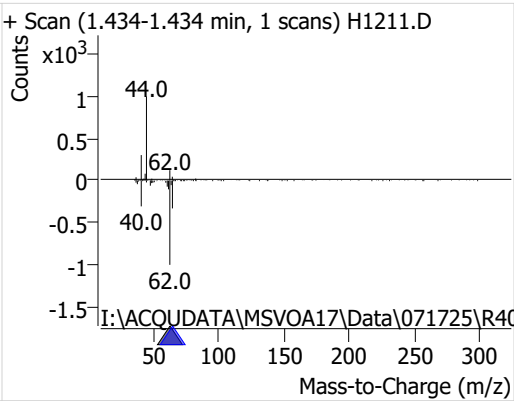
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

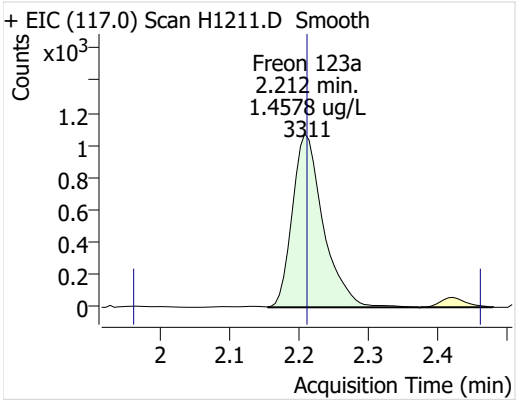
Vinyl Chloride

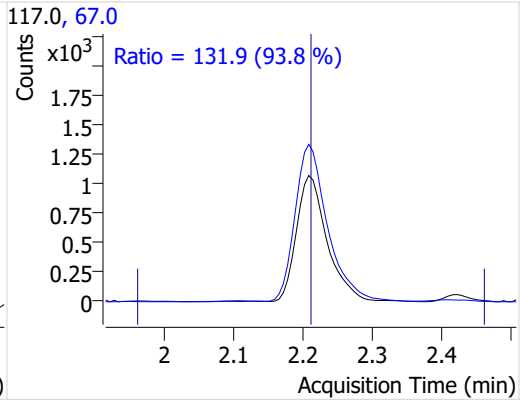


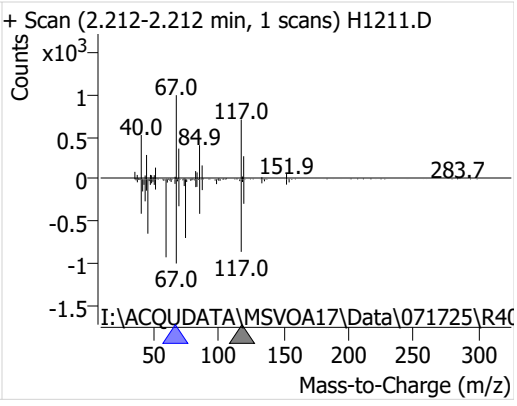




Freon 123a

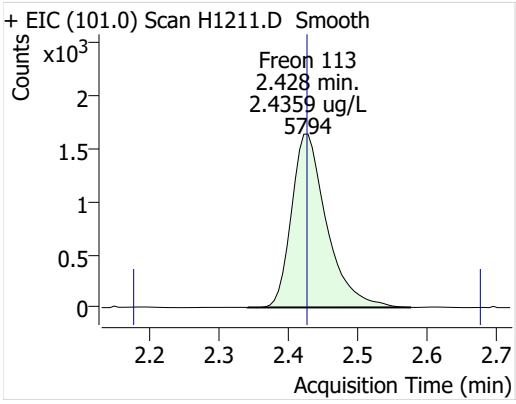


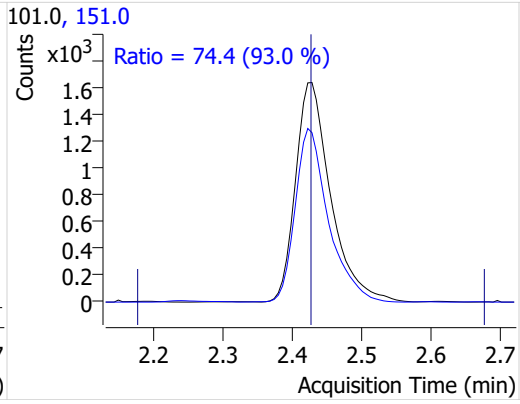


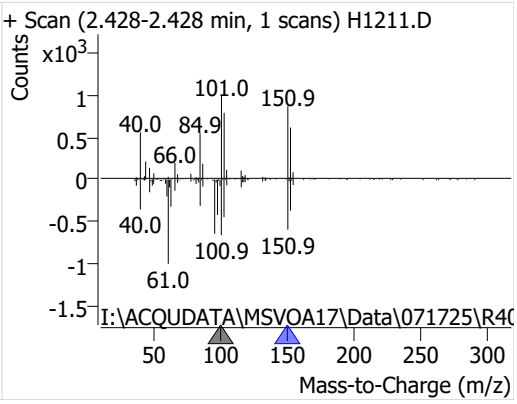


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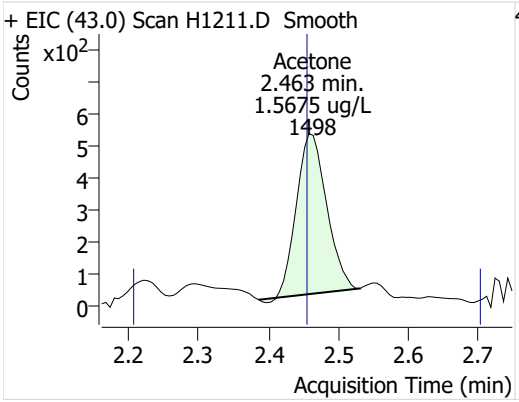
Freon 113

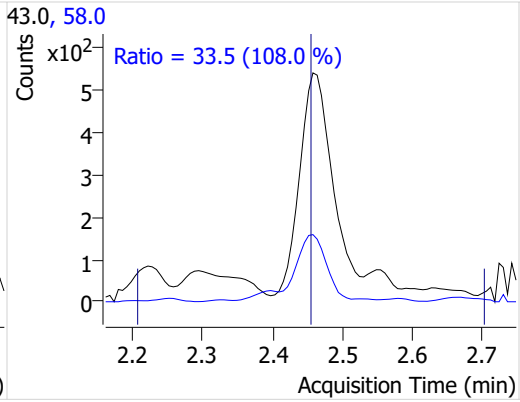


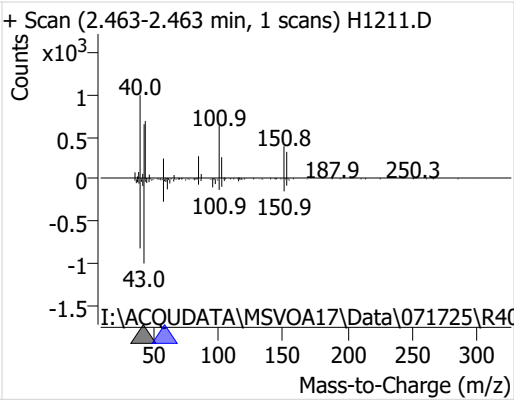




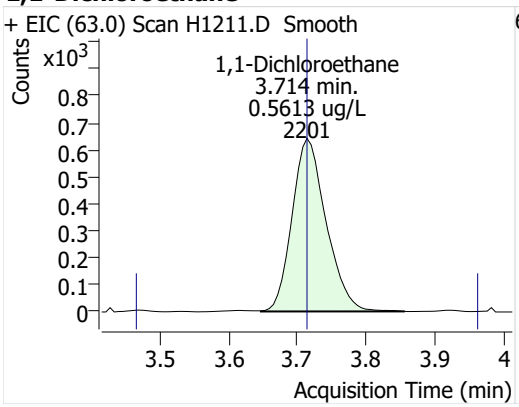
Acetone

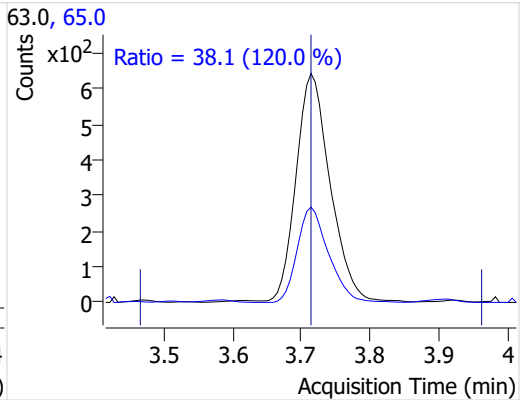


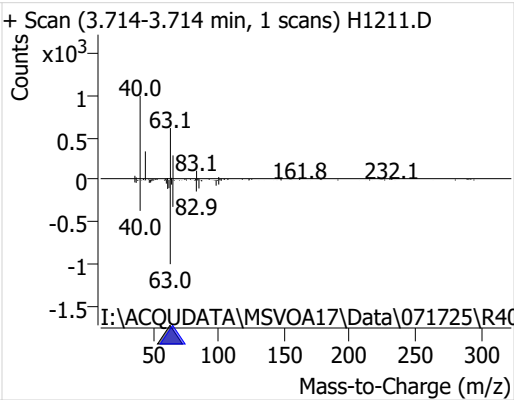




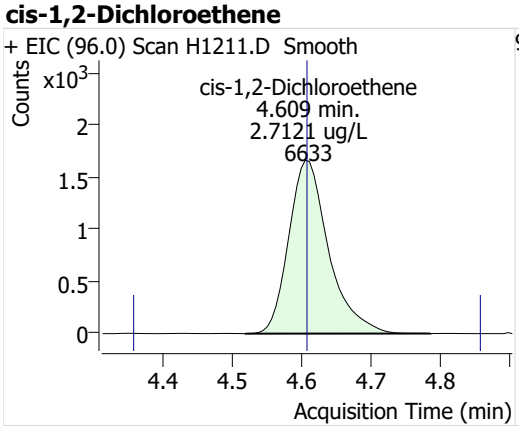
1,1-Dichloroethane

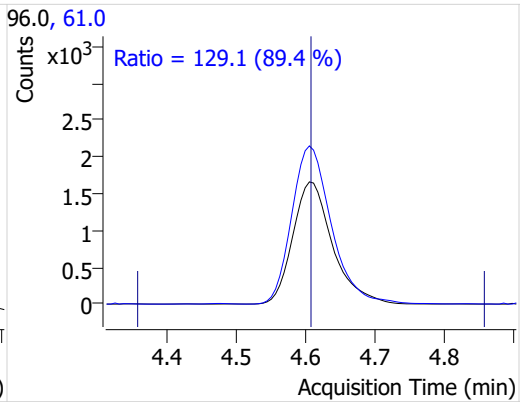


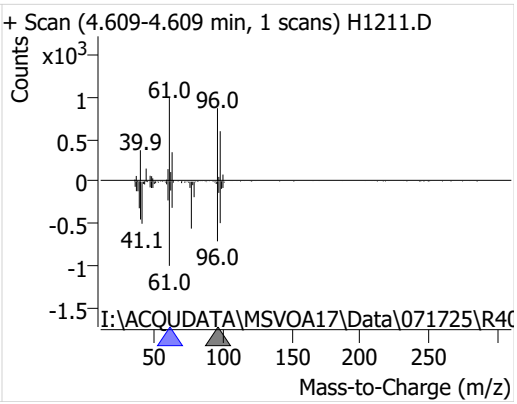




cis-1,2-Dichloroethene

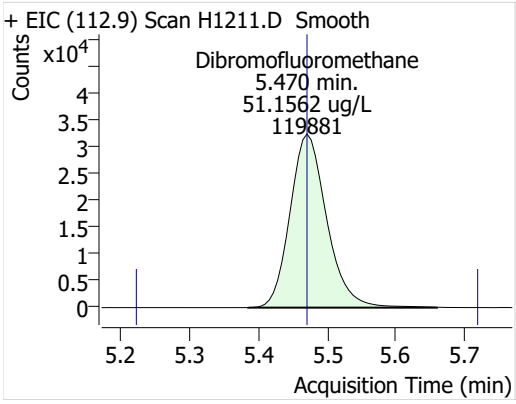


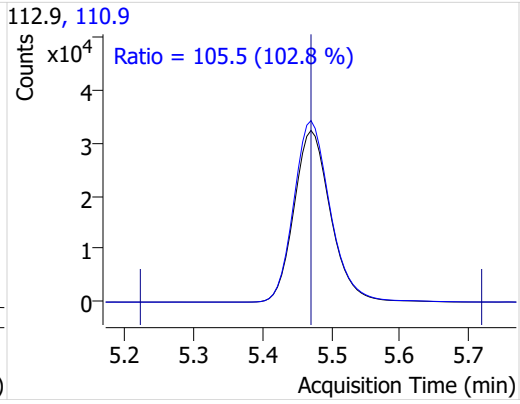


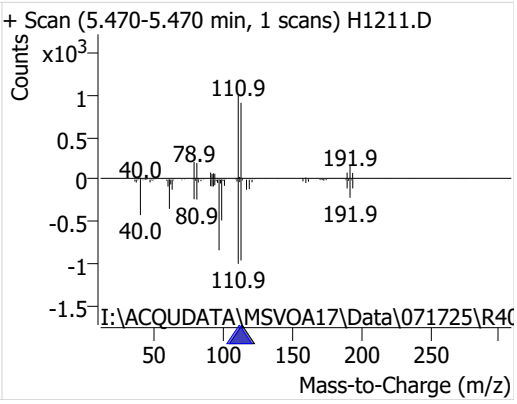


Masshunter Quantitative Analysis Sample Report

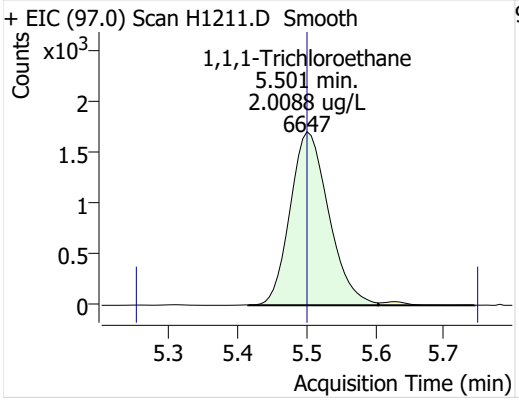
Dibromofluoromethane

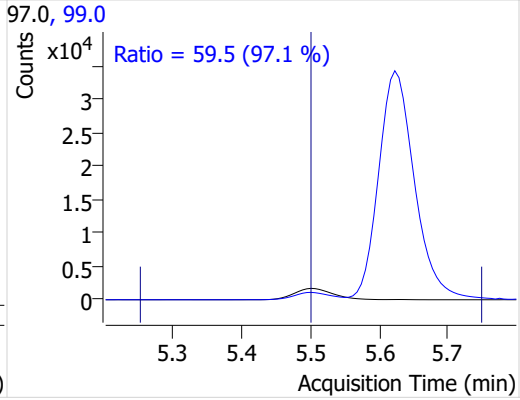


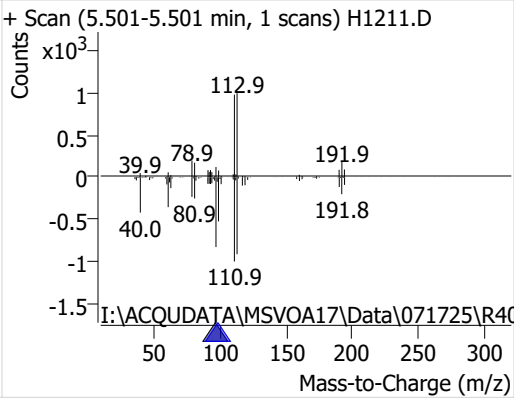




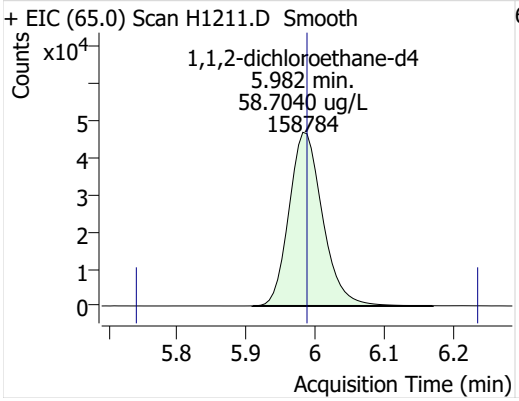
1,1,1-Trichloroethane

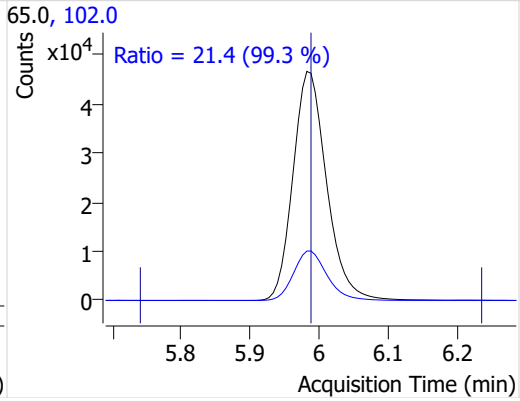


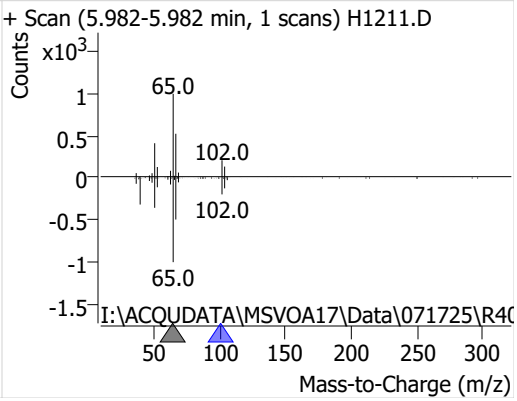




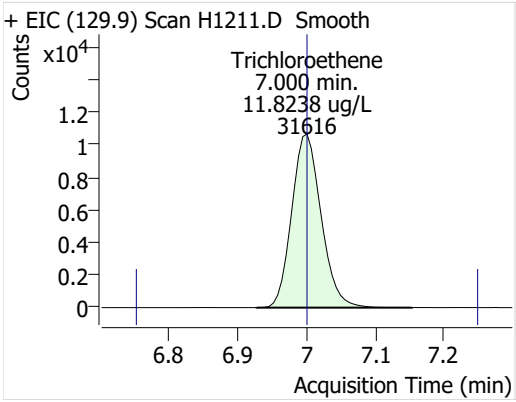
1,1,2-dichloroethane-d4

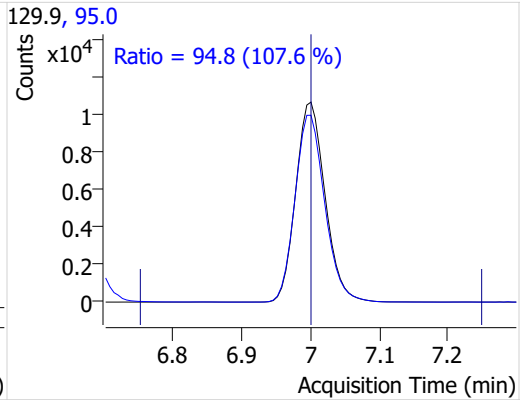


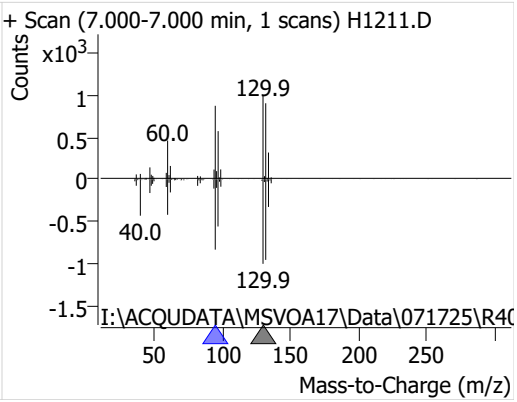




Trichloroethene

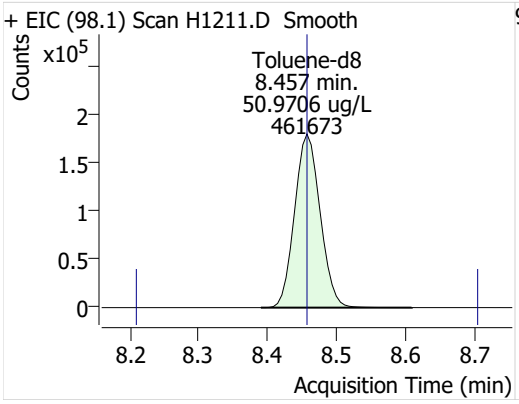


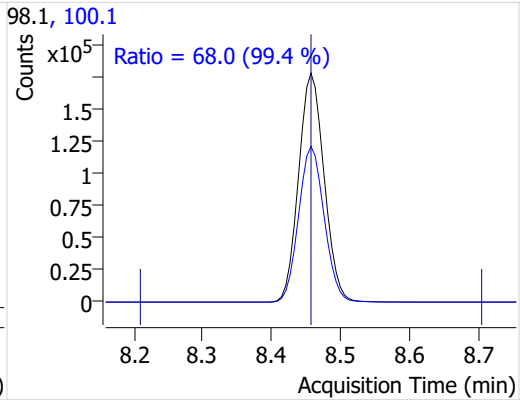


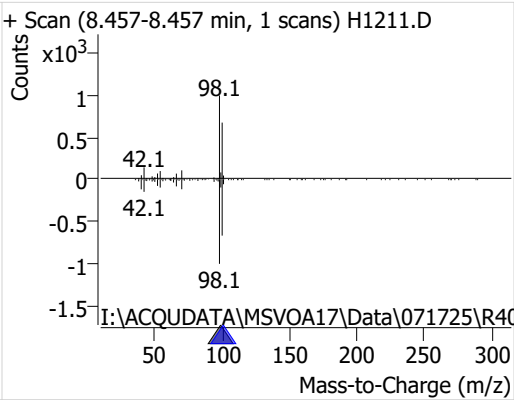


Masshunter Quantitative Analysis Sample Report

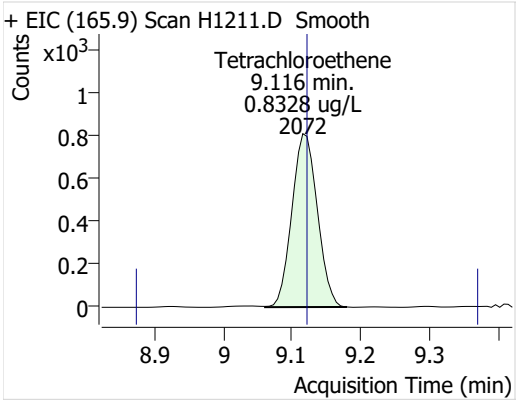
Toluene-d8

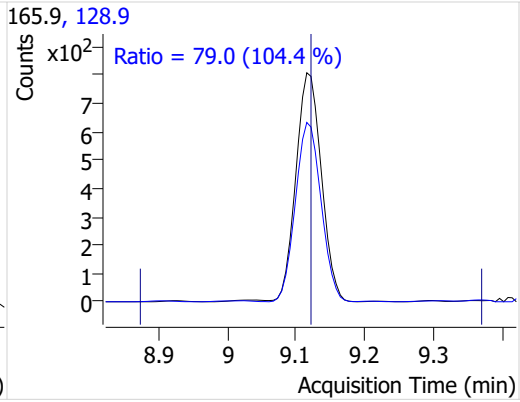


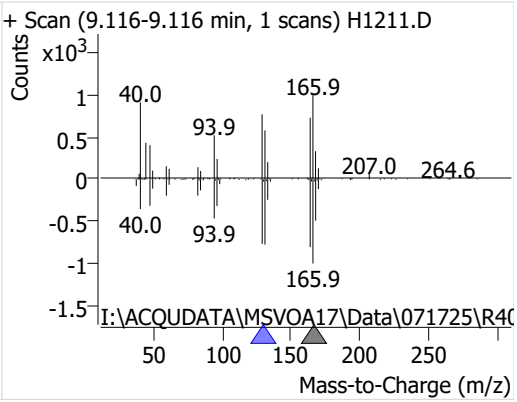




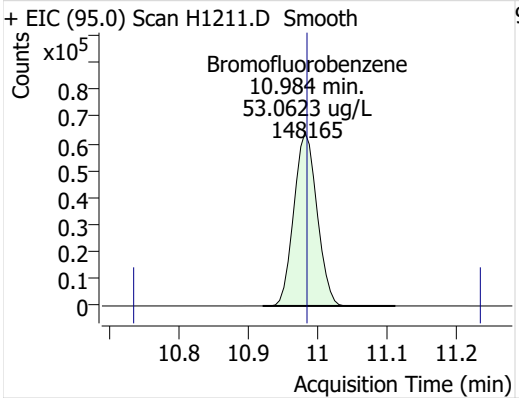
Tetrachloroethene

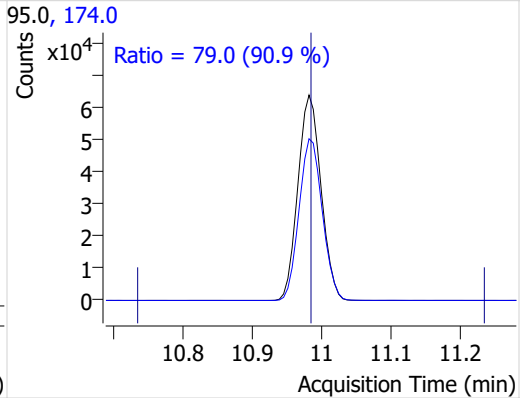


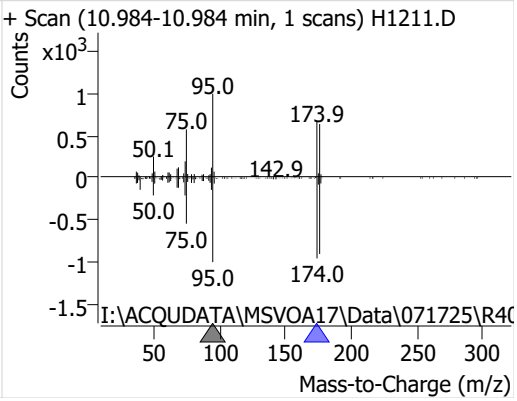




Bromofluorobenzene





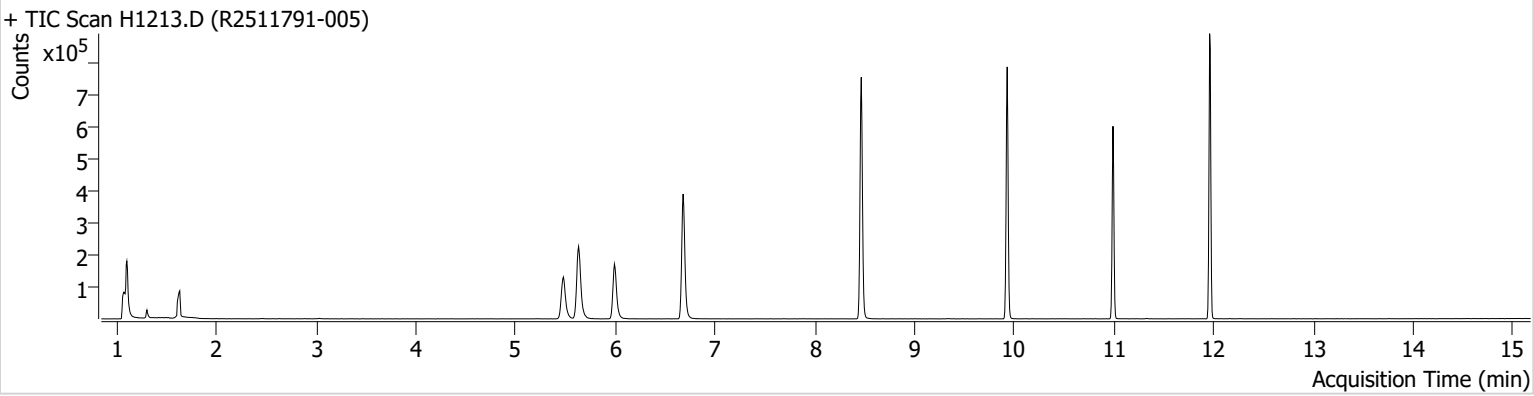


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1213.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.622	0.000	218637	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	368979	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	340105	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.003	180613	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	122236	51.3866	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	468505	50.9570	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	145178	49.9554	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	160740	58.5449	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000	0.437	0.000	2.457	0.002	1095	1.1202	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

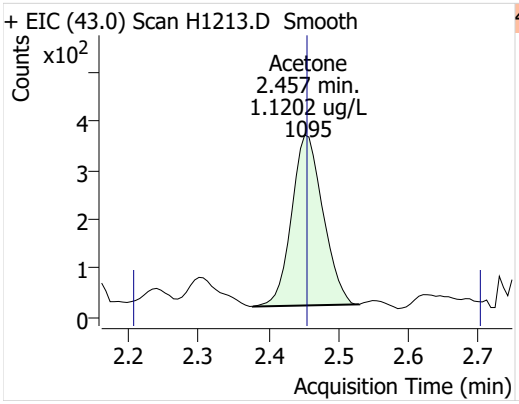
Masshunter Quantitative Analysis Sample Report

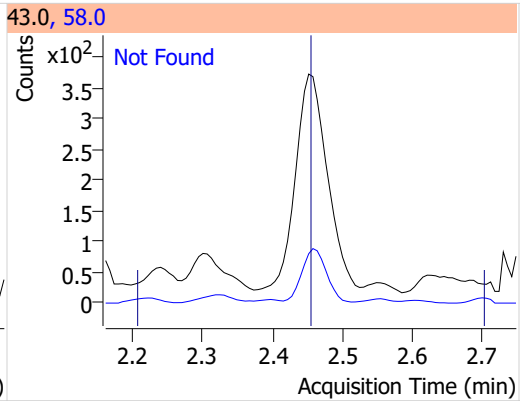
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000	0.843	0.003	5.622	0.018	6897	0.2071	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

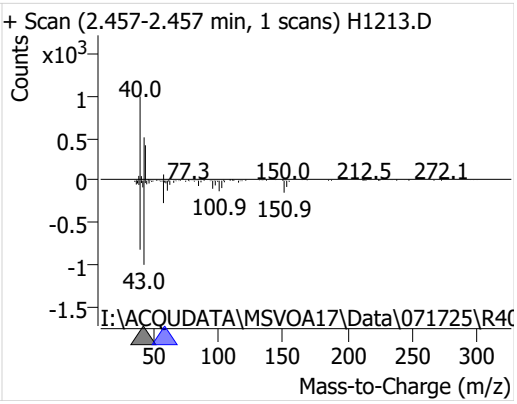
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

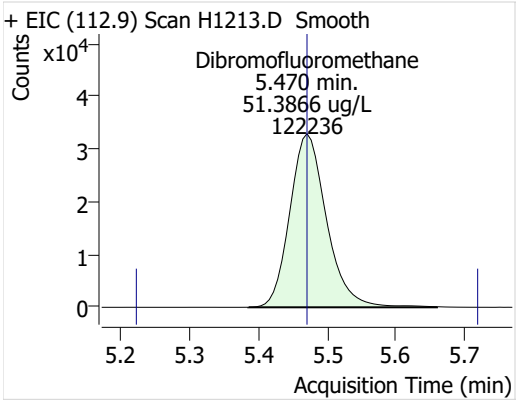
Acetone

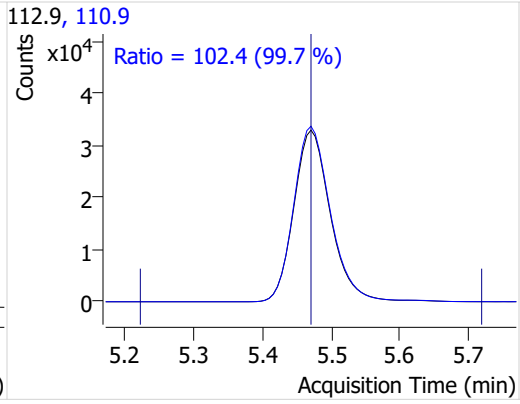


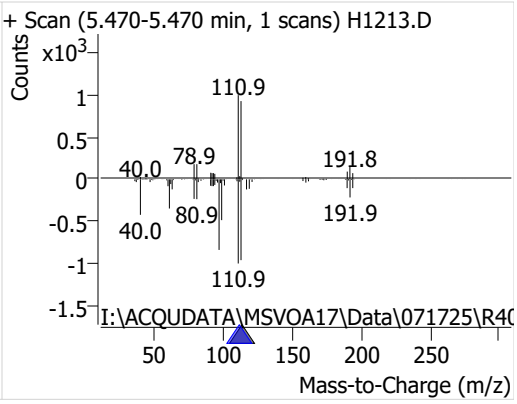




Dibromofluoromethane

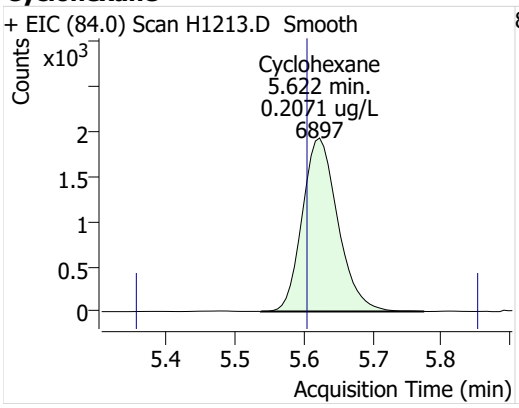


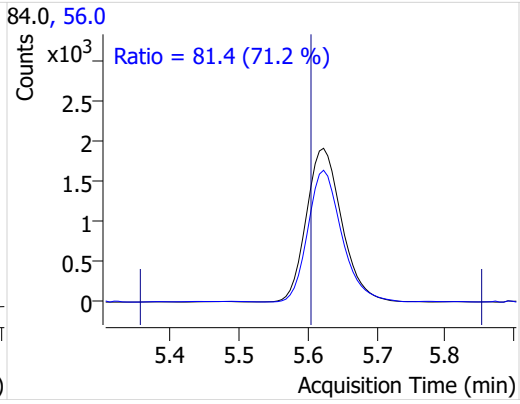


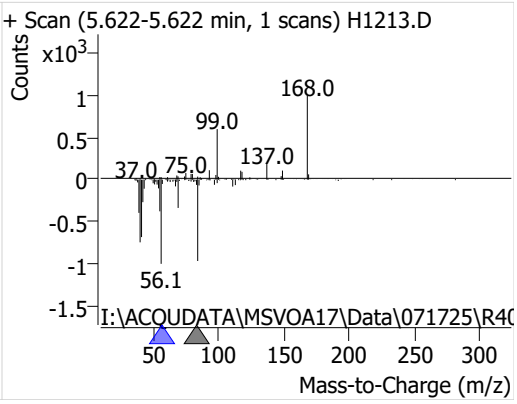


Masshunter Quantitative Analysis Sample Report

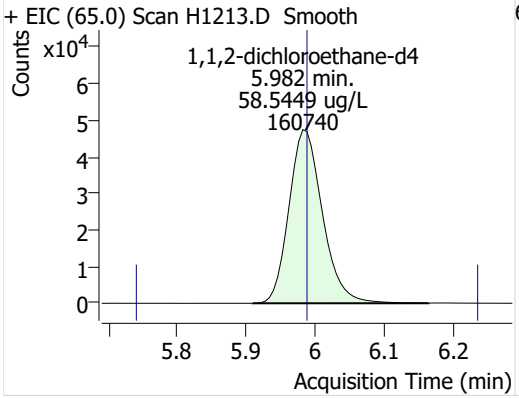
Cyclohexane

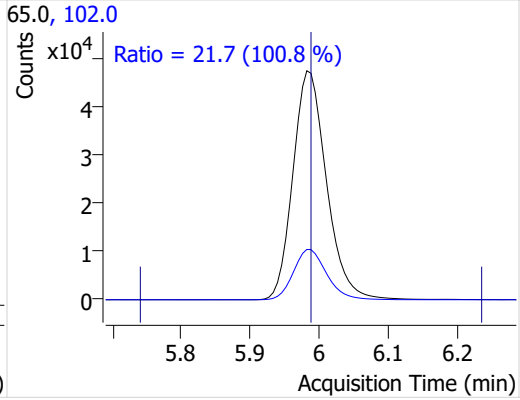


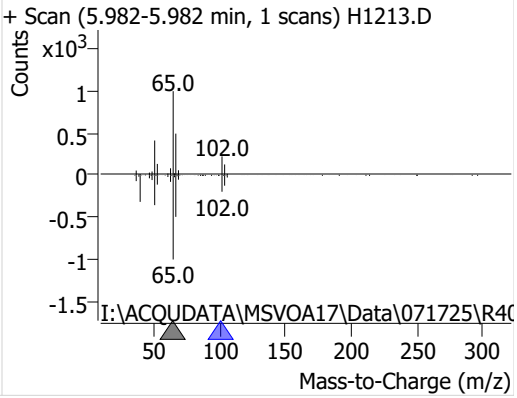




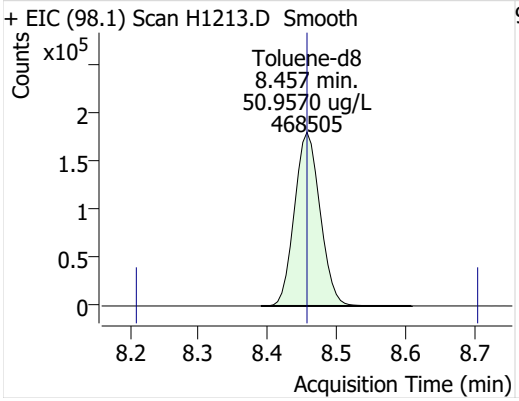
1,1,2-dichloroethane-d4

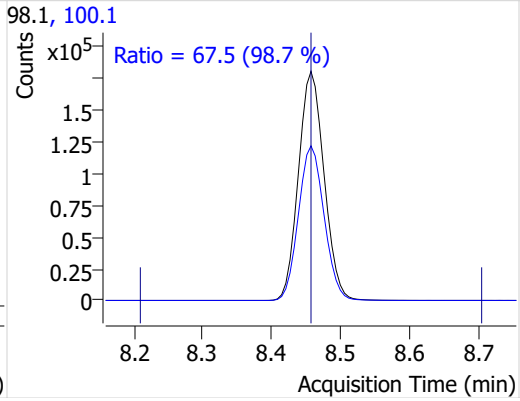


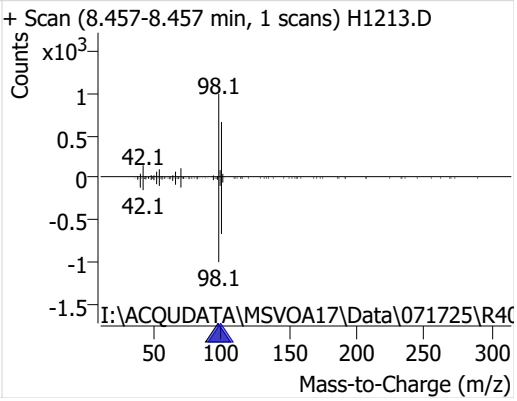




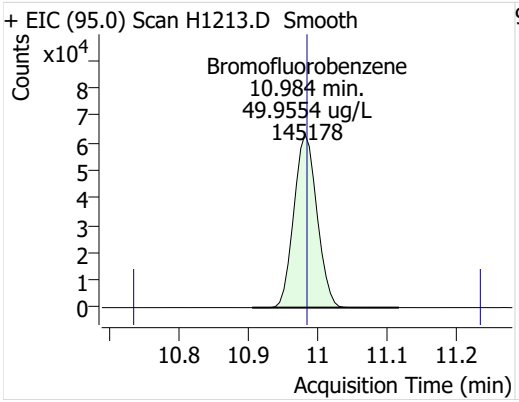
Toluene-d8

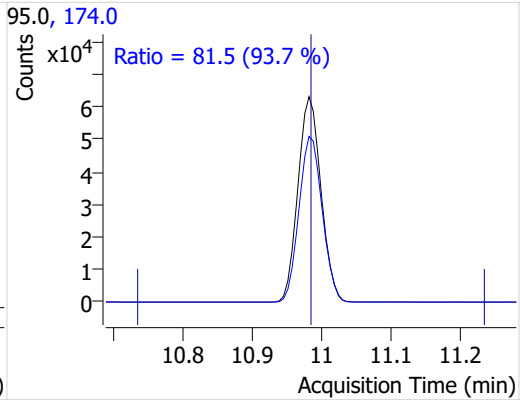


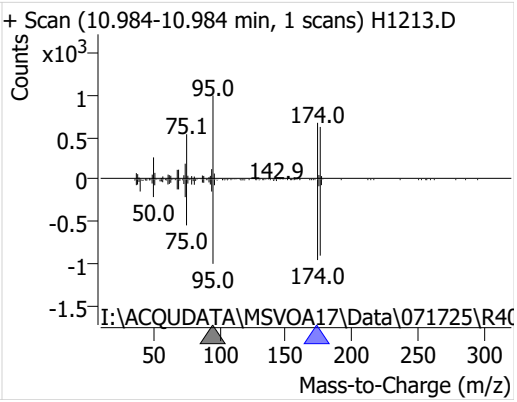




Bromofluorobenzene





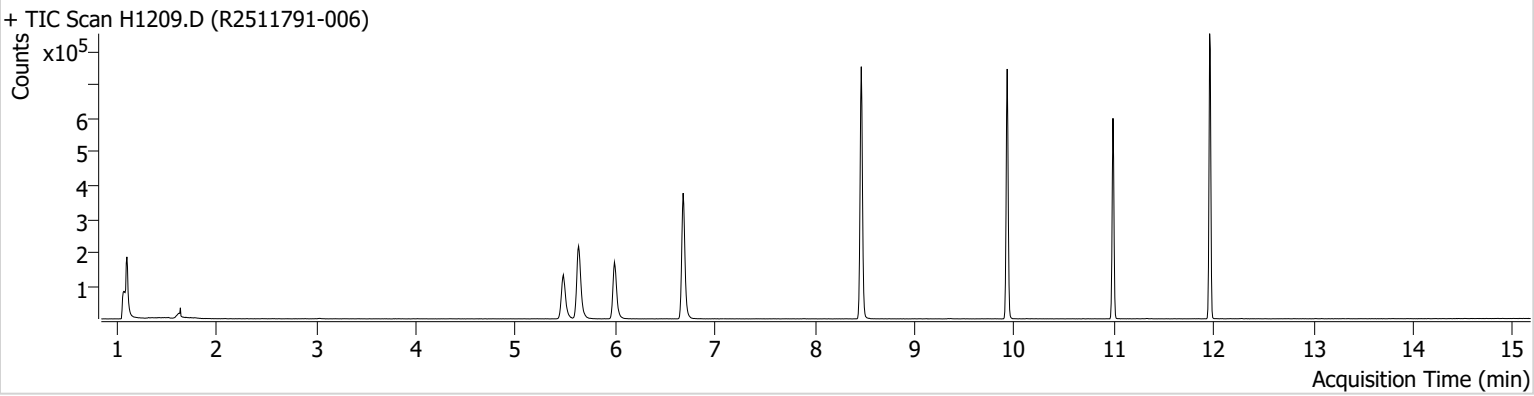


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1209.D

Acq. Date-Time	9/20/2025 2:31:38 PM	**Name**	R2511791-006
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	214557	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	361402	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	328620	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	173187	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	122969	52.7786	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	464753	51.6088	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	149702	53.7206	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	160493	59.6804	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

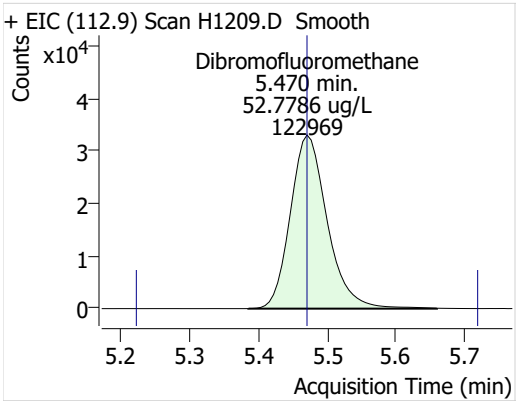
Masshunter Quantitative Analysis Sample Report

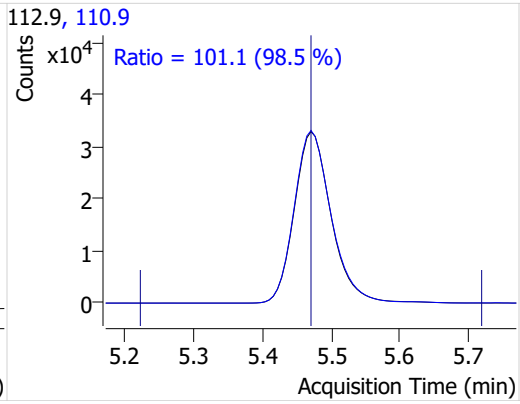
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

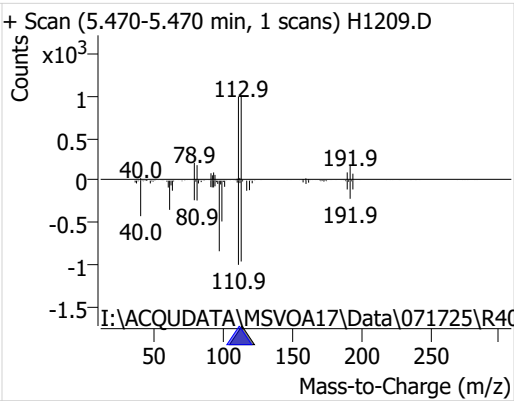
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000						ND	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

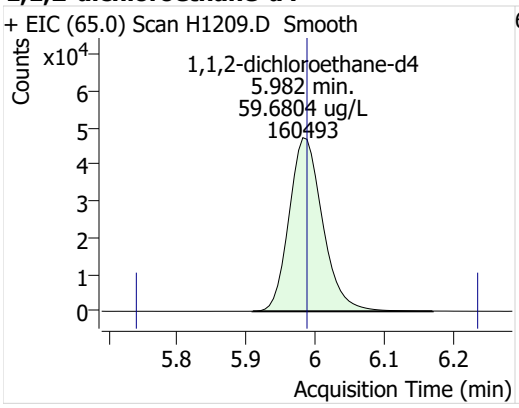
Dibromofluoromethane

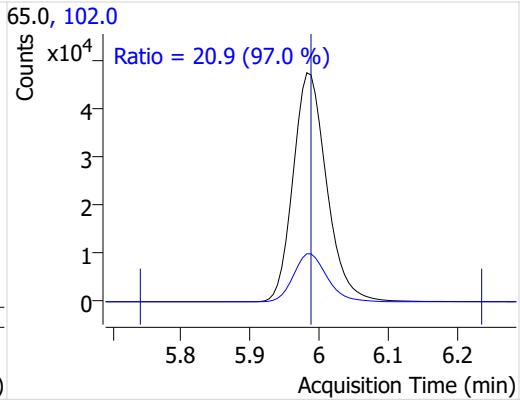


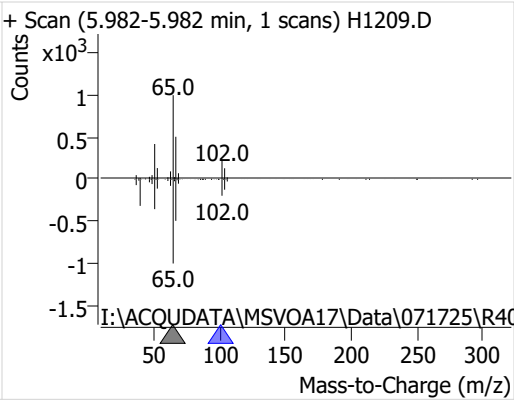




1,1,2-dichloroethane-d4

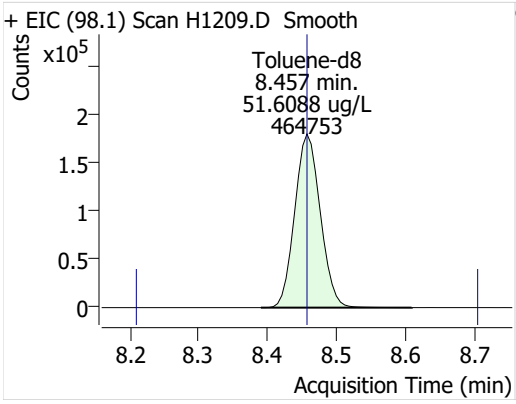


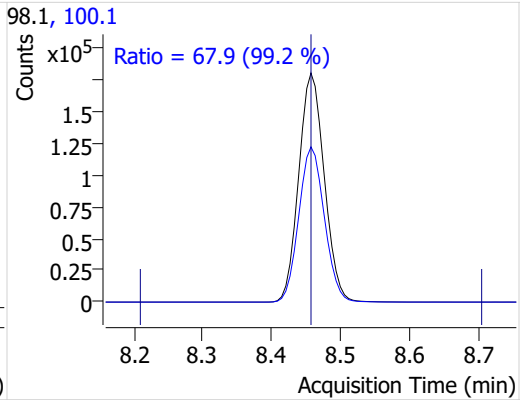


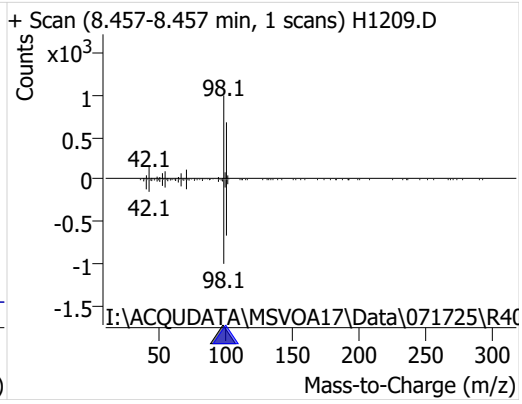


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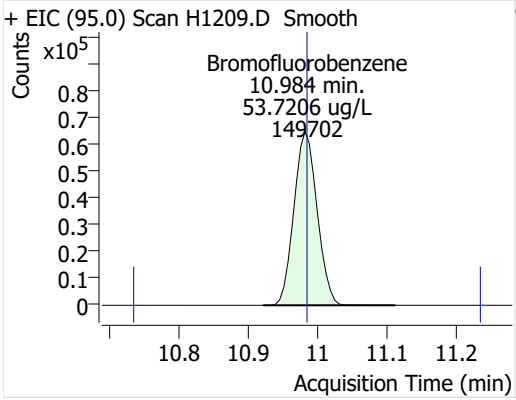
Toluene-d8

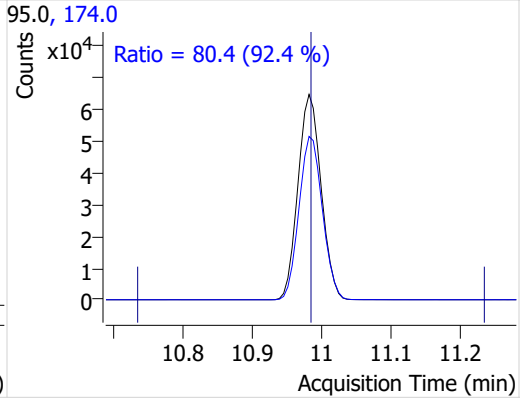


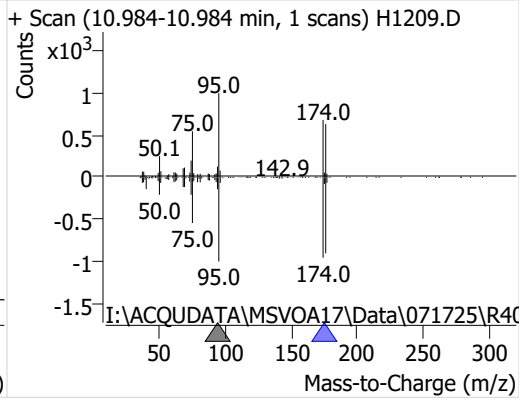




Bromofluorobenzene





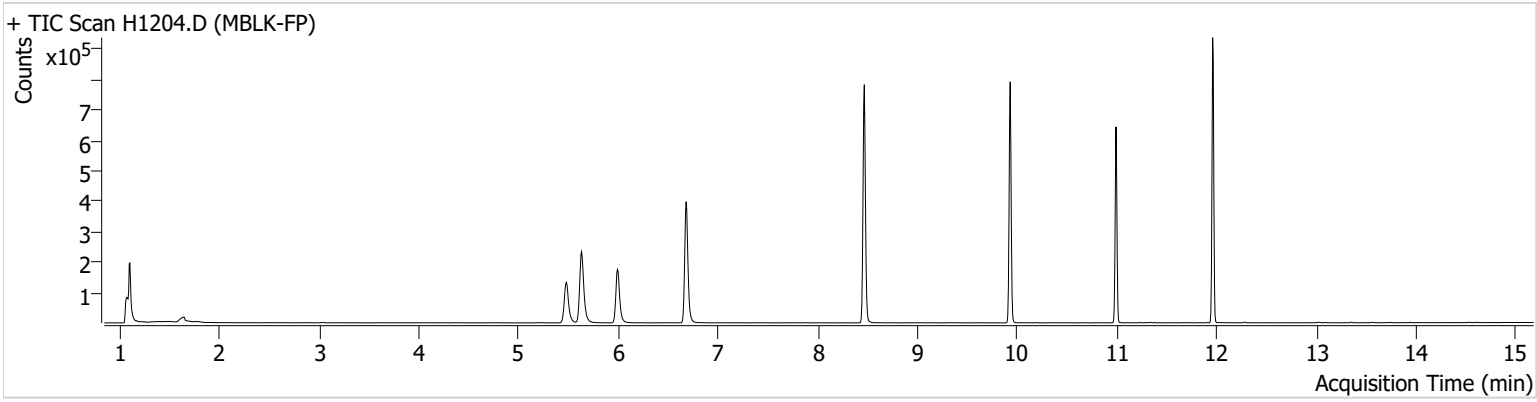


Masshunter Quantitative Analysis Sample Report

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H1204.D

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Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
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Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	227846	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	386984	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	349412	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.006	183718	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	125586	50.3387	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	487660	50.5725	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	159865	54.0795	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.003	168670	58.5747	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000						ND	ug/L
Chlorodifluoromethane	51.000						ND	ug/L
Chloromethane	50.100						ND	ug/L
Vinyl Chloride	62.000						ND	ug/L
Bromomethane	94.000						ND	ug/L
Chloroethane	64.000						ND	ug/L
Fluorodichloromethane	67.000						ND	ug/L
Trichlorofluoromethane	101.000						ND	ug/L
Freon 123a	117.000						ND	ug/L
Diethyl Ether	59.000						ND	ug/L
Freon 123	83.000						ND	ug/L
Acrolein	56.000						ND	ug/L
1,1-Dichloroethene	61.000						ND	ug/L
Freon 113	101.000						ND	ug/L
Acetone	43.000						ND	ug/L
Iodomethane	142.000						ND	ug/L
2-Propanol	45.000						ND	ug/L
Carbon Disulfide	75.900						ND	ug/L
Acetonitrile/Allyl Chloride	41.000						ND	ug/L
Methyl Acetate	43.000						ND	ug/L

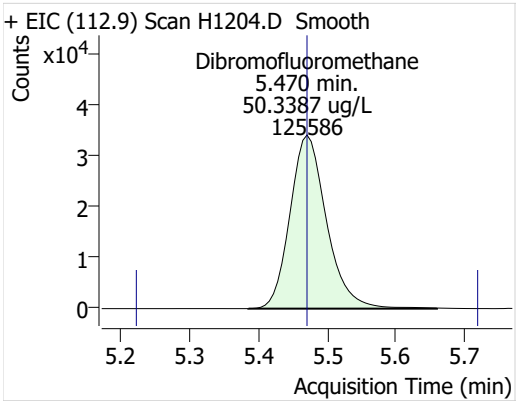
Masshunter Quantitative Analysis Sample Report

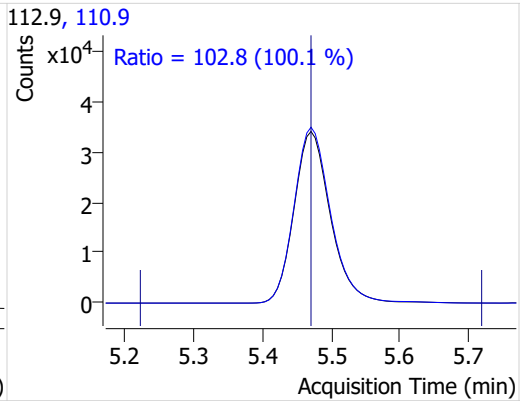
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900						ND	ug/L
TBA	59.000						ND	ug/L
Acrylonitrile	53.000						ND	ug/L
trans-1,2-Dichloroethene	61.000						ND	ug/L
MTBE	73.000						ND	ug/L
1,1-Dichloroethane	63.000						ND	ug/L
Vinyl Acetate	43.000						ND	ug/L
2-Chloro-1,3-Butadiene	88.000						ND	ug/L
Diisopropyl ether	45.000						ND	ug/L
ETBE	59.000						ND	ug/L
cis-1,2-Dichloroethene	96.000						ND	ug/L
2,2-Dichloropropane	77.000						ND	ug/L
2-Butanone	43.000						ND	ug/L
Propionitrile	54.000						ND	ug/L
Bromochloromethane	129.900						ND	ug/L
Methylacrylonitrile	67.000						ND	ug/L
Tetrahydrofuran	42.000						ND	ug/L
Chloroform	83.000						ND	ug/L
1,1,1-Trichloroethane	97.000						ND	ug/L
Cyclohexane	84.000						ND	ug/L
Carbon Tetrachloride	116.900						ND	ug/L
1,1-Dichloropropene	75.000						ND	ug/L
Benzene	78.000						ND	ug/L
1,2-Dichloroethane	62.000						ND	ug/L
Iso-Butyl Alcohol	43.000						ND	ug/L
TAME	73.000						ND	ug/L
n-Heptane	43.000						ND	ug/L
Trichloroethene	129.900						ND	ug/L
1-Butanol	56.000						ND	ug/L
Methylcyclohexane	55.000						ND	ug/L
1,2-Dichloropropane	63.000						ND	ug/L
Dibromomethane	173.900						ND	ug/L
1,4-Dioxane	88.000						ND	ug/L
Methyl Methacrylate	69.000						ND	ug/L
Bromodichloromethane	82.900						ND	ug/L
2-Nitropropane	43.000						ND	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000						ND	ug/L
4-Methyl-2-Pentanone	43.000						ND	ug/L
Toluene	91.000						ND	ug/L
trans-1,3-Dichloropropene	75.000						ND	ug/L
Ethyl Methacrylate	69.000						ND	ug/L
1,1,2-Trichloroethane	97.000						ND	ug/L
Tetrachloroethene	165.900						ND	ug/L
1,3-Dichloropropane	76.000						ND	ug/L
2-Hexanone	58.000						ND	ug/L
Dibromochloromethane	128.900						ND	ug/L
N-Butyl Acetate	43.000						ND	ug/L
1,2-Dibromoethane	106.900						ND	ug/L
Chlorobenzene	112.000						ND	ug/L
3-Chlorobenzotrifluoride	180.000						ND	ug/L
4-Chlorobenzotrifluoride	180.000						ND	ug/L
1,1,1,2-Tetrachloroethane	130.900						ND	ug/L
Ethylbenzene	91.100						ND	ug/L
m,p-Xylene	91.100						ND	ug/L
o-Xylene	91.100						ND	ug/L
Styrene	104.100						ND	ug/L
Bromoform	172.900						ND	ug/L
2-Chlorobenzotrifluoride	180.000						ND	ug/L
Isopropyl Benzene	105.100						ND	ug/L
Cyclohexanone	55.000						ND	ug/L

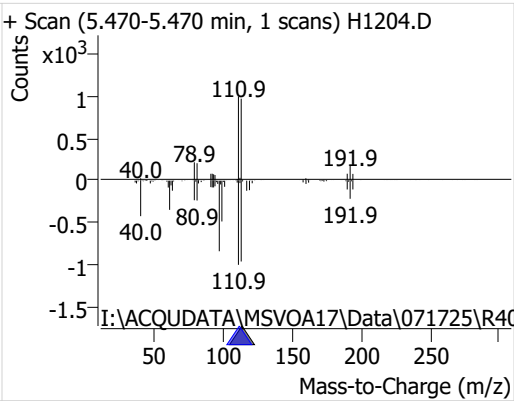
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000						ND	ug/L
Bromobenzene	156.000						ND	ug/L
1,2,3-Trichloropropane	75.000						ND	ug/L
trans-1,4-Dichloro-2-Butene	53.000						ND	ug/L
Propyl Benzene	91.100						ND	ug/L
2-Chlorotoluene	91.100						ND	ug/L
3-Chlorotoluene	91.100						ND	ug/L
1,3,5-Trimethyl Benzene	105.000						ND	ug/L
4-Chlorotoluene	91.000						ND	ug/L
Tert Butyl Benzene	119.100						ND	ug/L
1,2,4-Trimethyl Benzene	105.000						ND	ug/L
3,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
Sec Butyl Benzene	105.100						ND	ug/L
1,3-Dichlorobenzene	146.000						ND	ug/L
Isopropyl Toluene	119.100						ND	ug/L
1,4-Dichlorobenzene	146.000						ND	ug/L
2,4-Dichlorobenzotrifluoride	214.000						ND	ug/L
2,5-Dichlorobenzotrifluoride	214.000						ND	ug/L
1,2-Dichlorobenzene	146.100						ND	ug/L
Butyl Benzene	91.100						ND	ug/L
1,2-Dibromo-3-chloropropane	157.000						ND	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	1072	0.2172	ug/L
1,3,5-Trichlorobenzene	180.000						ND	ug/L
Coelution Dichlorotoluene	125.000						ND	ug/L
1,2,4-Trichlorobenzene	180.000						ND	ug/L
Hexachlorobutadiene	224.900						ND	ug/L
Naphthalene	128.100						ND	ug/L
1,2,3-Trichlorobenzene	180.000						ND	ug/L
2,4,5-Trichlorotoluene	159.000						ND	ug/L
2,3,6-Trichlorotoluene	159.000						ND	ug/L

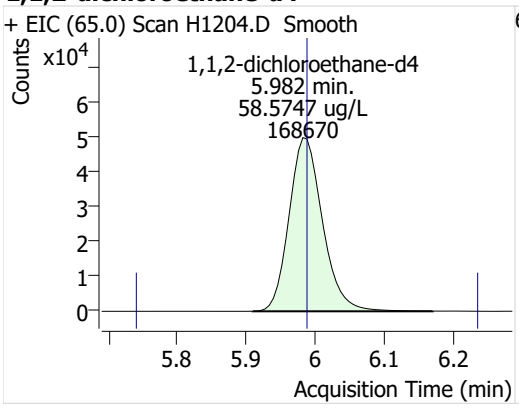
Dibromofluoromethane

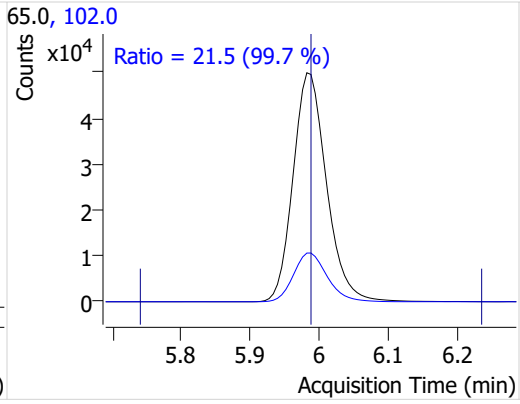


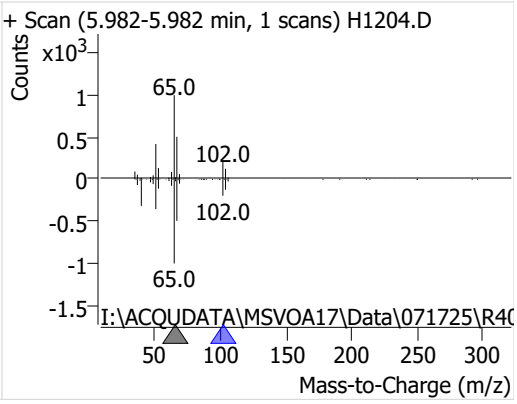




1,1,2-dichloroethane-d4

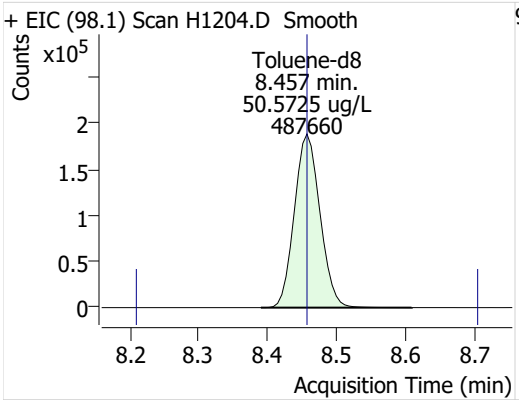


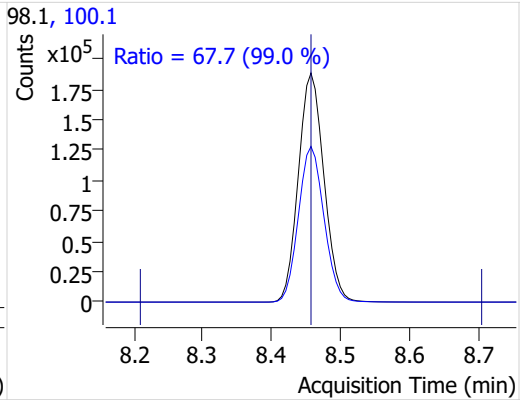


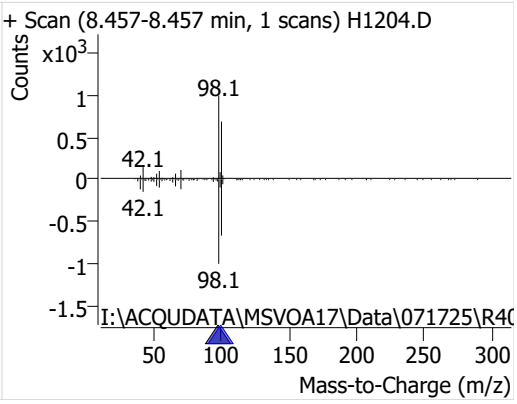


Masshunter Quantitative Analysis Sample Report

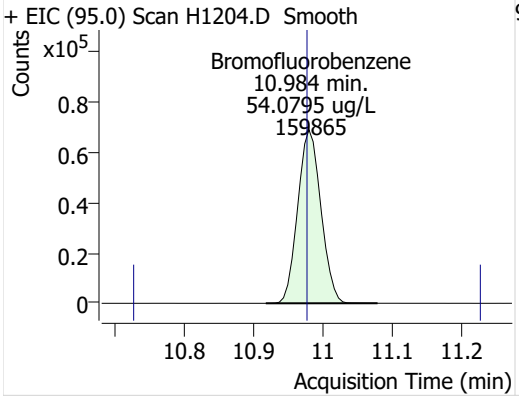
Toluene-d8

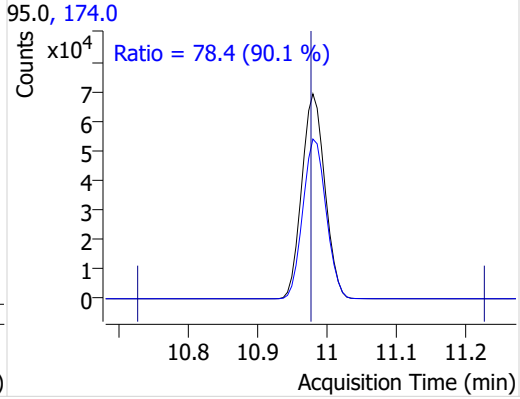


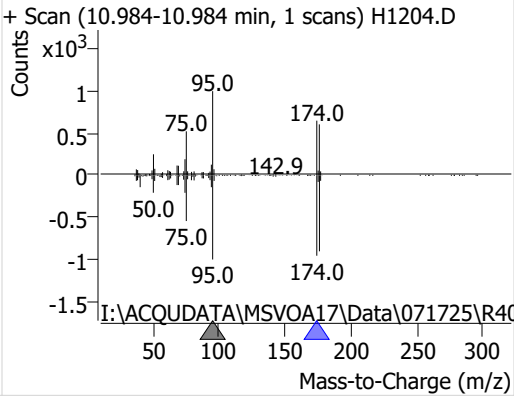




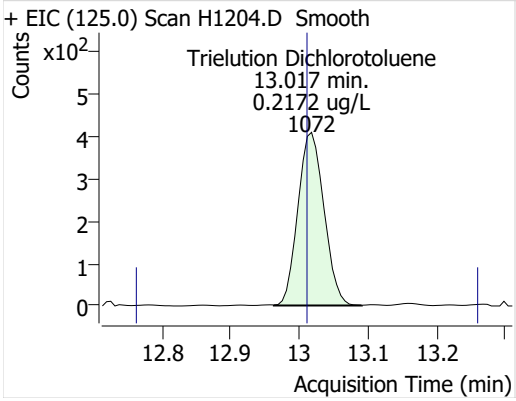
Bromofluorobenzene

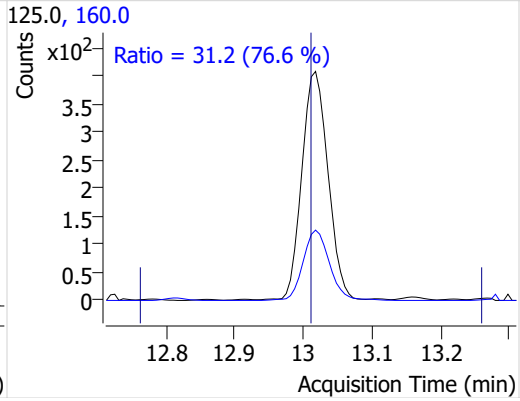


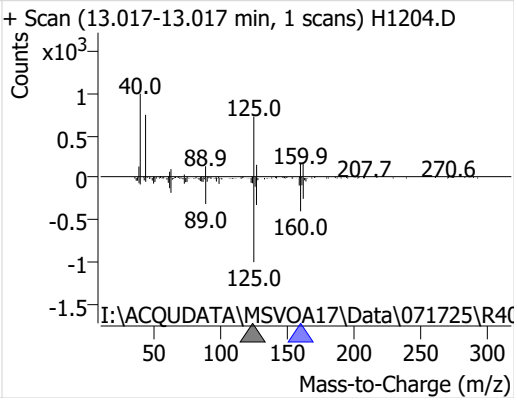




Trielution Dichlorotoluene





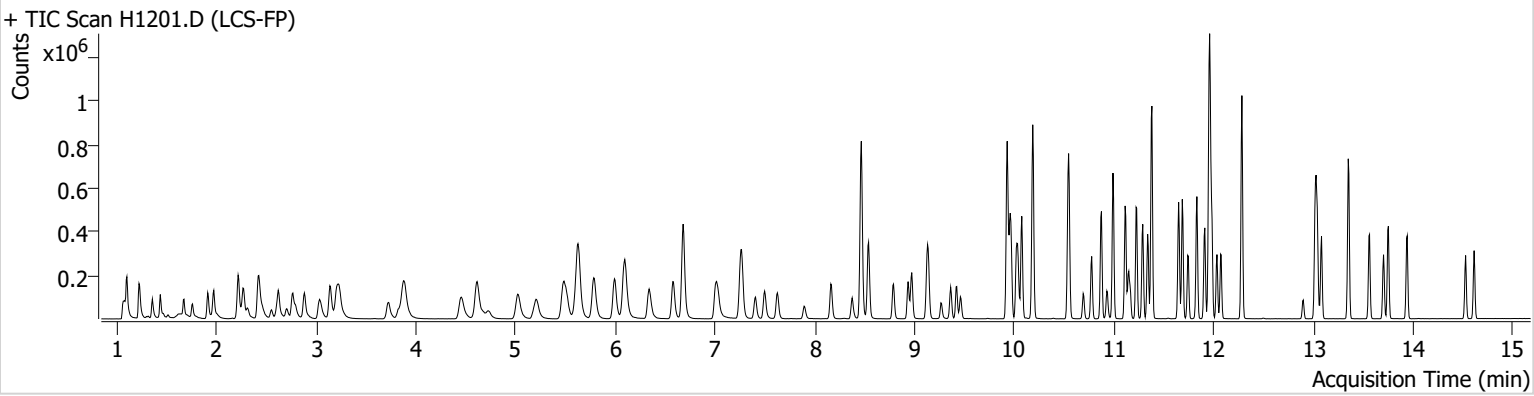


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1201.D

Acq. Date-Time	9/20/2025 11:16:40 AM	**Name**	LCS-FP
Type	Sample	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	255736	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	422611	50.0000	ug/L
Chlorobenzene-d5	117.0	9.920	0.000	359059	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.957	0.000	202690	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	135853	49.8632	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	514034	48.8138	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.001	168594	51.6939	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	177177	56.3422	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	86694	27.6551	ug/L
Chlorodifluoromethane	51.000	0.218	0.001	1.227	0.003	79324	25.4768	ug/L
Chloromethane	50.100	0.241	0.000	1.353	0.002	73814	25.8761	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	83128	24.8888	ug/L
Bromomethane	94.000	0.297	0.000	1.668	0.003	48323	18.8053	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	50709	20.7213	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.909	0.000	106090	21.0638	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	103789	22.7576	ug/L
Freon 123a	117.000	0.393	0.000	2.212	0.000	54359	19.9992	ug/L
Diethyl Ether	59.000	0.394	0.000	2.217	0.001	50298	21.4901	ug/L
Freon 123	83.000	0.403	0.000	2.265	0.000	84067	20.5697	ug/L
Acrolein	56.000	0.411	0.000	2.310	0.001	26257	159.3437	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	93738	22.6483	ug/L
Freon 113	101.000	0.432	0.000	2.426	0.000	57392	20.1606	ug/L
Acetone	43.000	0.437	0.000	2.458	0.002	24914	21.7826	ug/L
Iodomethane	142.000	0.453	0.000	2.547	0.000	49119	15.6867	ug/L
2-Propanol	45.000	0.464	0.000	2.606	0.000	78051	465.7903	ug/L
Carbon Disulfide	75.900	0.465	0.000	2.617	0.000	135015	19.4736	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.001	131361 LT	141.1039	ug/L
Methyl Acetate	43.000	0.496	0.000	2.788	0.002	57595	25.3853	ug/L

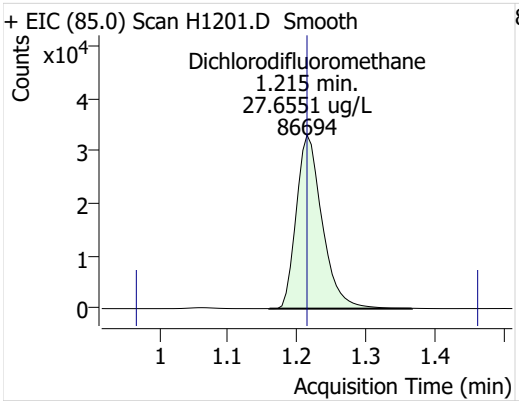
Masshunter Quantitative Analysis Sample Report

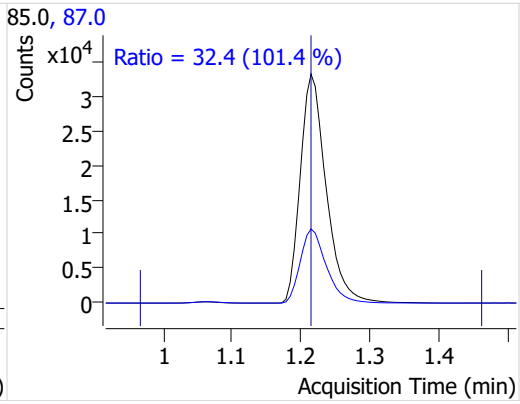
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	58553	21.0708	ug/L
TBA	59.000	0.539	0.001	3.032	0.006	121941	471.4660	ug/L
Acrylonitrile	53.000	0.558	0.001	3.135	0.006	150226	127.6959	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	79318	21.6537	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	164678	21.5155	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	108614	23.1434	ug/L
Vinyl Acetate	43.000	0.680	0.000	3.822	0.000	75165	18.9797	ug/L
2-Chloro-1,3-Butadiene	88.000	0.687	0.000	3.861	0.000	47023	21.3352	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.000	169993	21.2065	ug/L
ETBE	59.000	0.792	0.000	4.451	0.001	151561	20.2044	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.607	0.000	66999	22.8881	ug/L
2,2-Dichloropropane	77.000	0.820	0.000	4.611	0.000	76845	21.9176	ug/L
2-Butanone	43.000	0.832	0.001	4.677	0.003	32989	22.9197	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.000	57133	126.3697	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	41342	20.1032	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.022	0.002	27348	23.2227	ug/L
Tetrahydrofuran	42.000	0.921	0.001	5.176	0.006	21694	24.8471	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	104806	21.7121	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	87693	22.1421	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	87351	21.7202	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.777	0.001	76308	21.1168	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	75661	22.5068	ug/L
Benzene	78.000	0.911	0.000	6.080	0.000	225735	22.3184	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	88711	22.6792	ug/L
Iso-Butyl Alcohol	43.000	0.914	0.000	6.098	0.001	49218	546.3105	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	134370	19.3028	ug/L
n-Heptane	43.000	0.985	0.000	6.574	0.001	89404	26.5670	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.000	63632	20.4685	ug/L
1-Butanol	56.000	1.053	0.000	7.025	0.000	73695	1058.7321	ug/L
Methylcyclohexane	55.000	1.087	0.000	7.250	0.000	82732	22.5616	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	62634	22.5192	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	39213	19.7530	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	17700	432.3743	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	42223	22.1317	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	79305	21.5032	ug/L
2-Nitropropane	43.000	1.183	0.000	7.890	0.001	42067	50.1276	ug/L
2-Chloroethylvinyl Ether	63.000						ND	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.003	82760	22.5614	ug/L
4-Methyl-2-Pentanone	43.000	1.255	0.000	8.369	0.000	64030	23.8179	ug/L
Toluene	91.000	1.279	0.000	8.530	0.000	247330	22.3448	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	75771	23.5104	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	74320	22.1020	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	57309	22.4657	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	58409	21.5452	ug/L
1,3-Dichloropropane	76.000	0.921	0.000	9.134	0.000	98230	23.6627	ug/L
2-Hexanone	58.000	0.934	0.000	9.262	0.000	23845	23.5059	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.353	0.000	64384	22.2587	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.415	0.000	95842	24.7308	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	57613	23.9067	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	160352	21.3200	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	71006	18.1273	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	66306	17.8470	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	57734	22.0479	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	271166	23.3142	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	423117	48.2931	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	211953	22.6575	ug/L
Styrene	104.100	1.063	0.000	10.542	0.000	177899	22.6304	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	41072	23.2136	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	70095	17.8721	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	265015	25.0834	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	46033	110.5210	ug/L

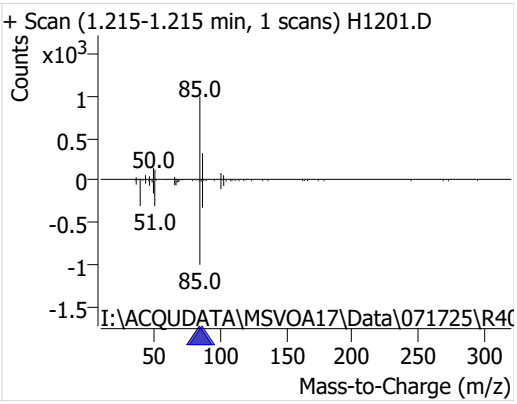
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.000	77185	23.9846	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.000	67894	21.1949	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.142	0.001	95525	24.0162	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	21643	26.0868	ug/L
Propyl Benzene	91.100	0.938	0.000	11.219	0.000	320894	24.9586	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.000	184387	23.8429	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.000	149463	19.1919	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.000	233043	23.7680	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.371	0.001	253019	24.0532	ug/L
Tert Butyl Benzene	119.100	0.973	0.000	11.640	0.000	228993	23.6919	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.000	234898	24.4548	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.000	11.737	0.000	53056	18.6353	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.000	300263	24.2899	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.000	131529	21.5573	ug/L
Isopropyl Toluene	119.100	0.999	0.000	11.944	0.000	270630	25.3542	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.000	11.975	0.000	134534	20.9302	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.027	0.001	46350	17.6403	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.009	0.000	12.067	0.000	54576	18.0490	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.000	12.274	0.000	130277	21.8551	ug/L
Butyl Benzene	91.100	1.027	0.000	12.274	0.000	246038	25.6354	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.078	0.000	12.889	0.000	17457	21.7881	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.000	13.017	0.000	321248	58.9897	ug/L
1,3,5-Trichlorobenzene	180.000	1.093	0.000	13.072	0.000	87121	18.8300	ug/L
Coelution Dichlorotoluene	125.000	1.116	0.000	13.345	0.000	233730	39.8701	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.000	13.554	0.000	91206	21.1564	ug/L
Hexachlorobutadiene	224.900	1.145	0.000	13.694	0.000	37526	23.3799	ug/L
Naphthalene	128.100	1.149	0.000	13.743	0.000	270540	24.6581	ug/L
1,2,3-Trichlorobenzene	180.000	1.165	0.000	13.932	0.000	87168	20.9654	ug/L
2,4,5-Trichlorotoluene	159.000	1.214	0.000	14.520	0.000	58374	18.9591	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.000	14.606	0.000	56760	20.6717	ug/L

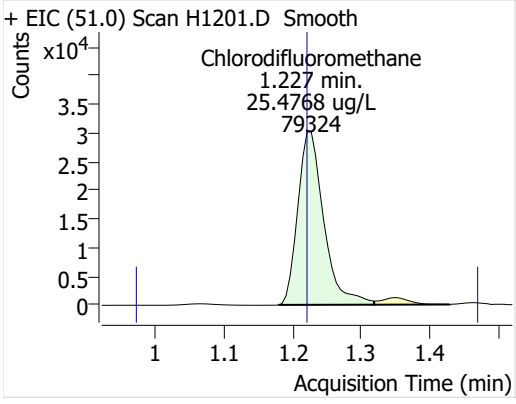
Dichlorodifluoromethane

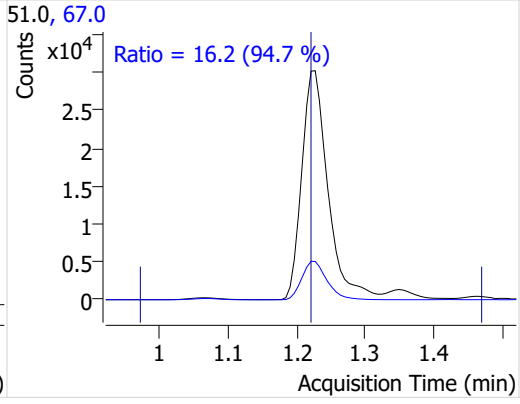


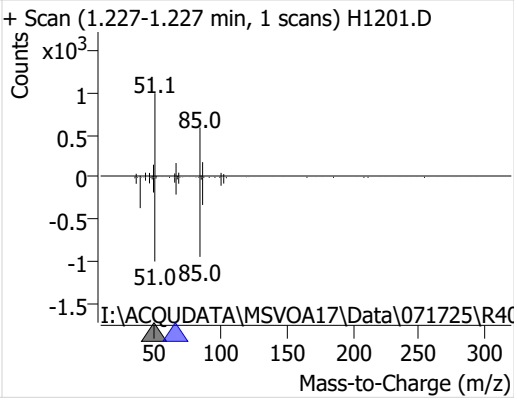




Chlorodifluoromethane

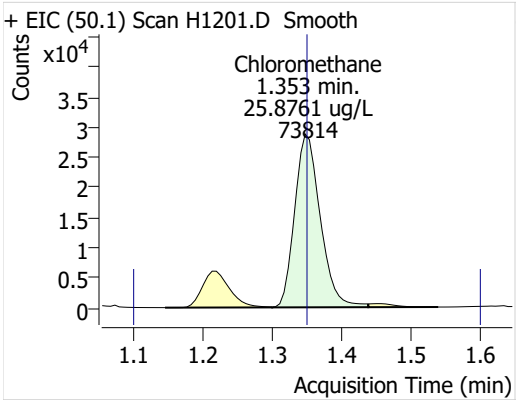


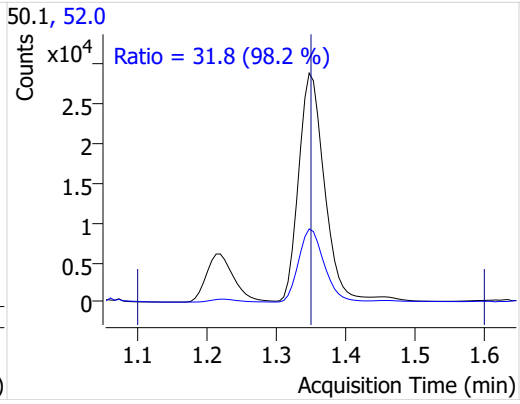


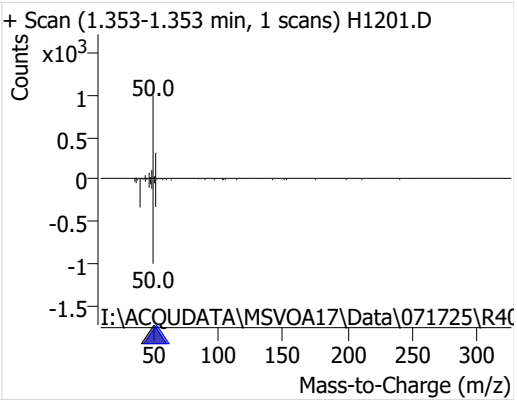


Masshunter Quantitative Analysis Sample Report

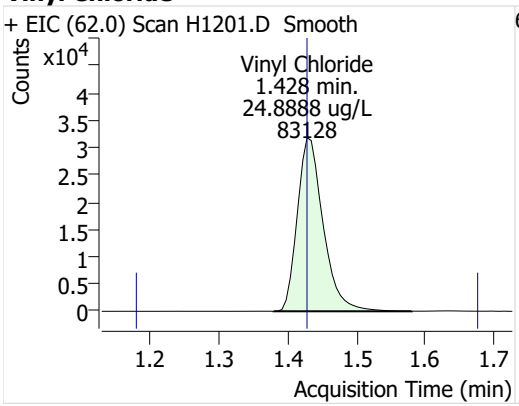
Chloromethane

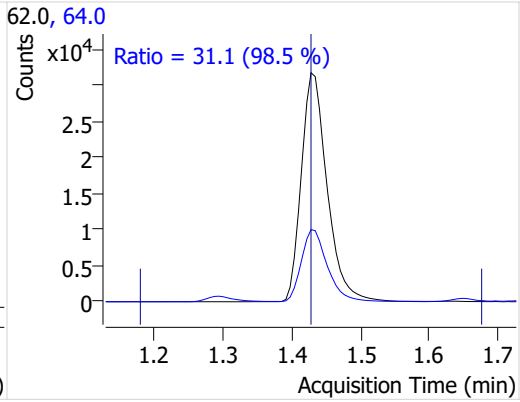


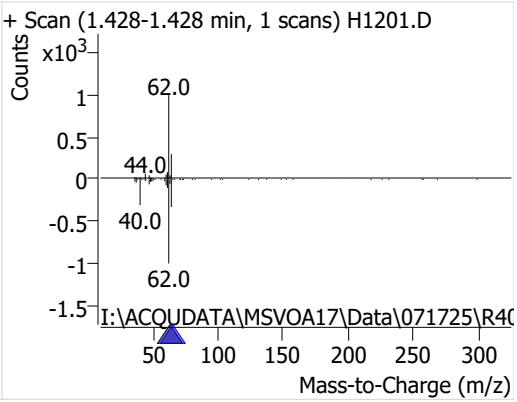




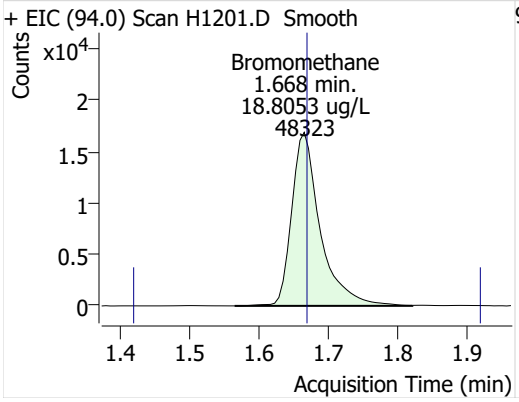
Vinyl Chloride

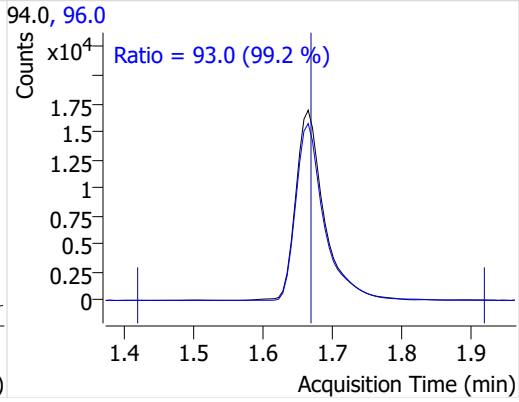


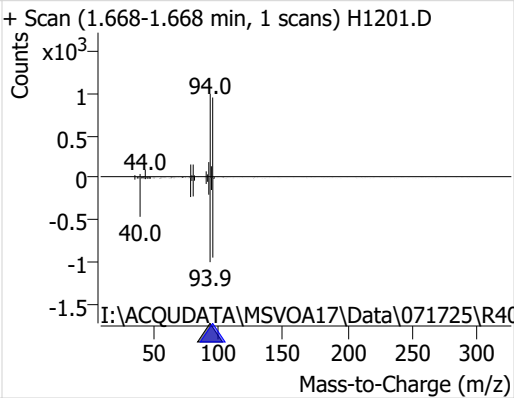




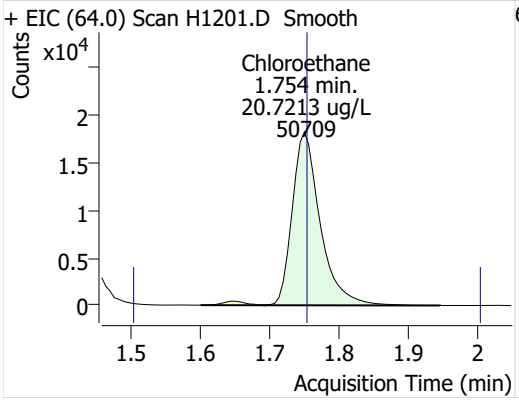
Bromomethane

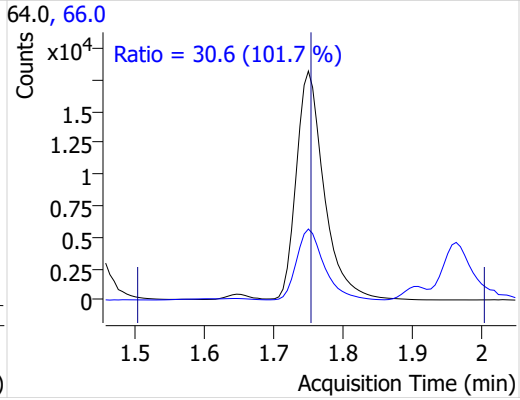


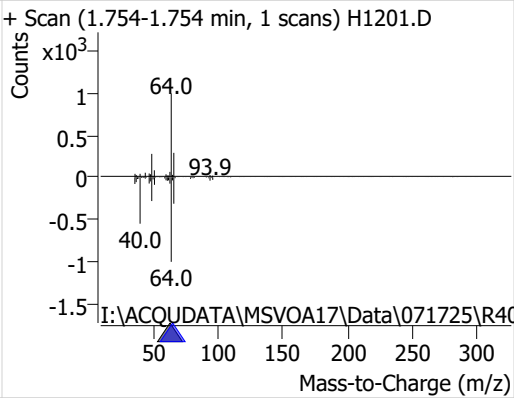




Chloroethane

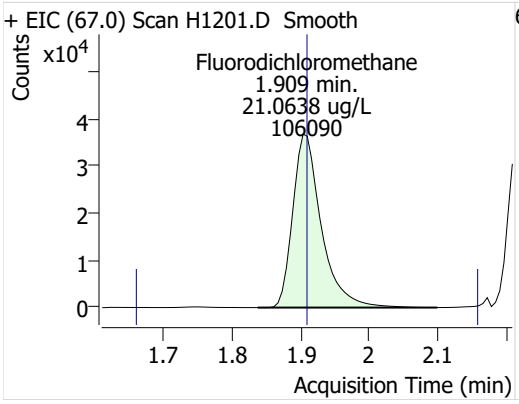


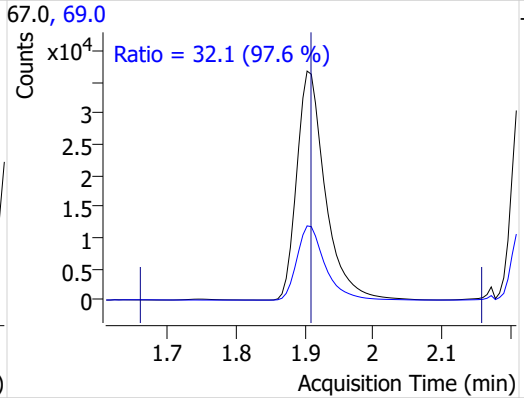


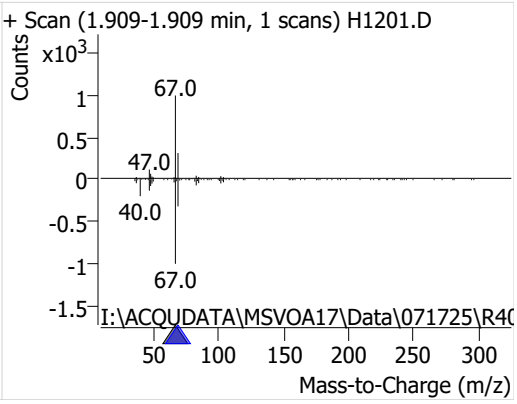


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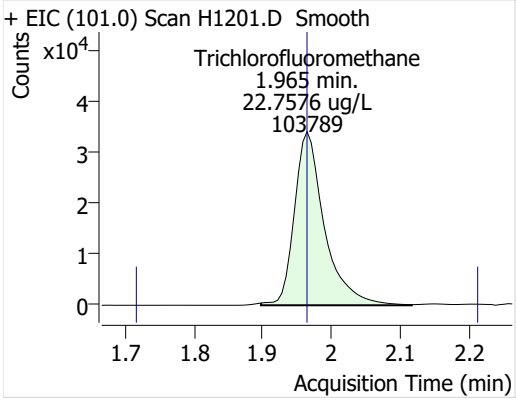
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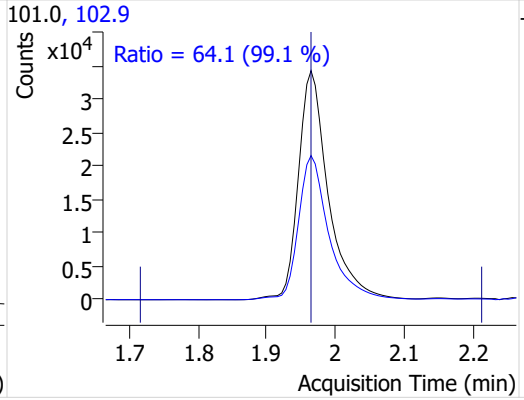


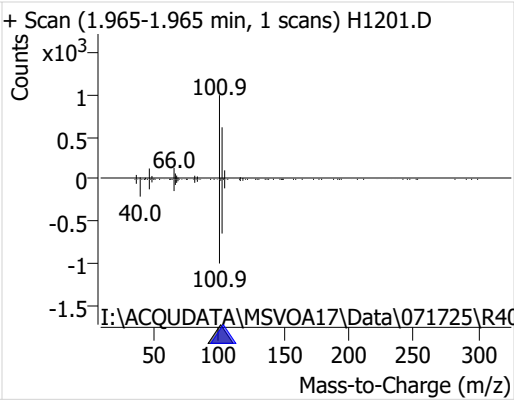




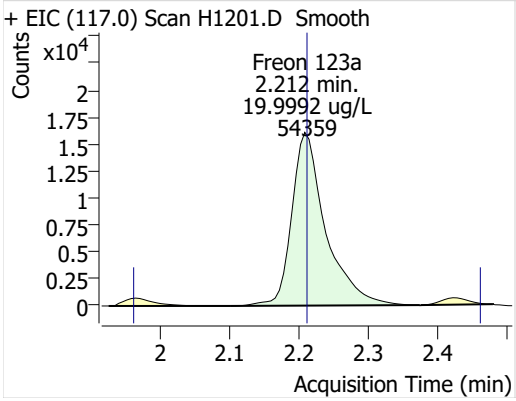
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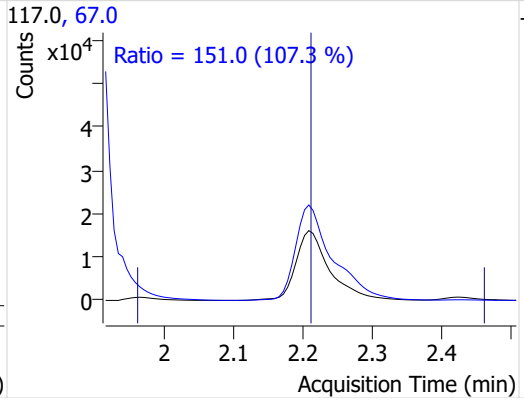


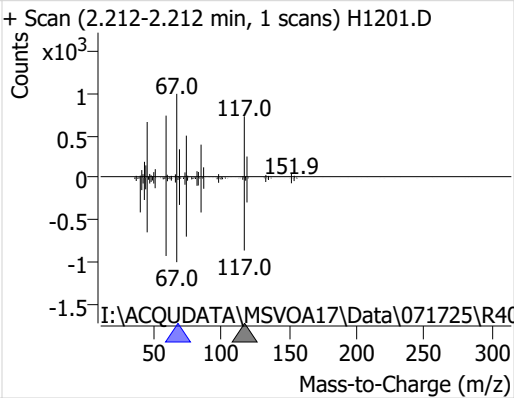




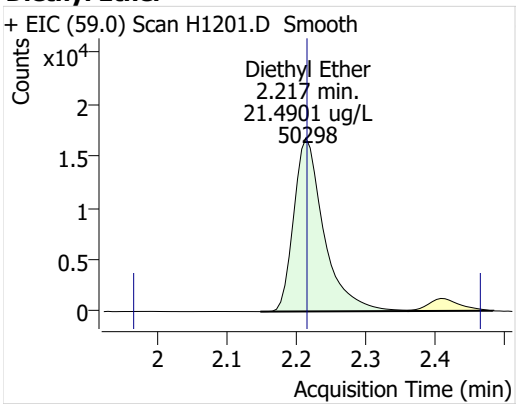
Freon 123a

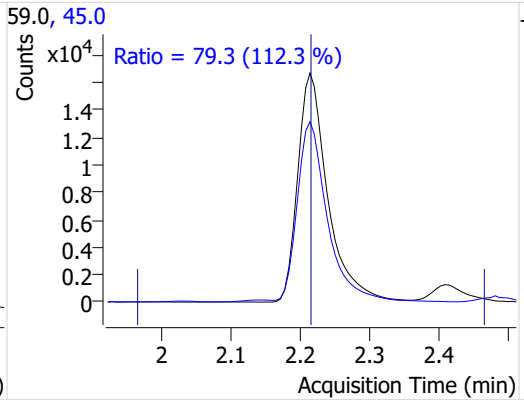


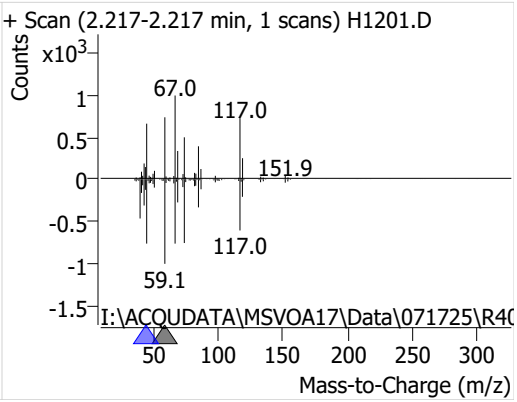




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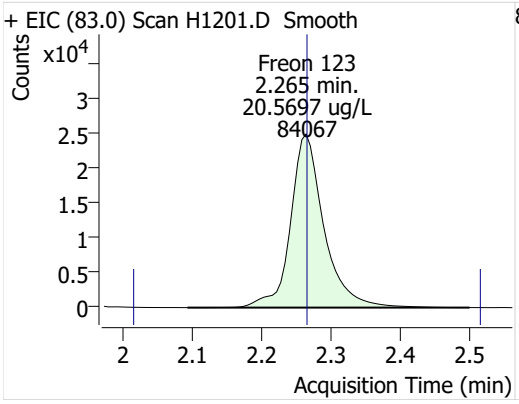


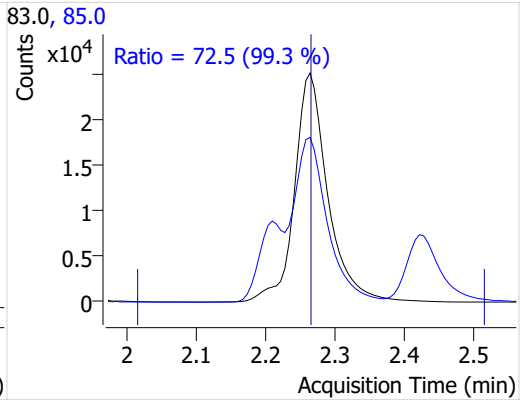


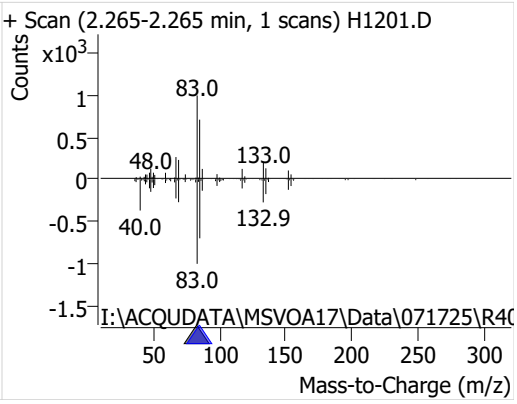


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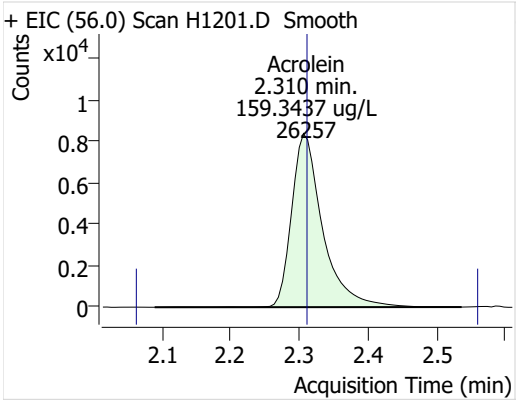
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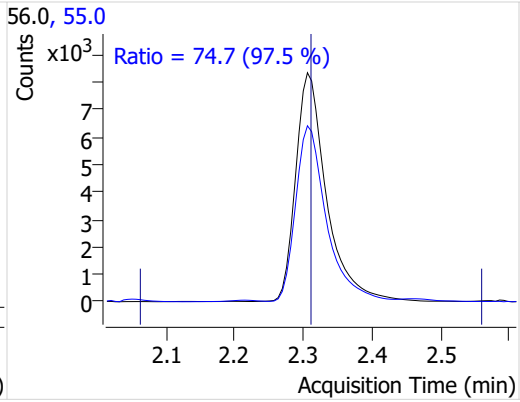


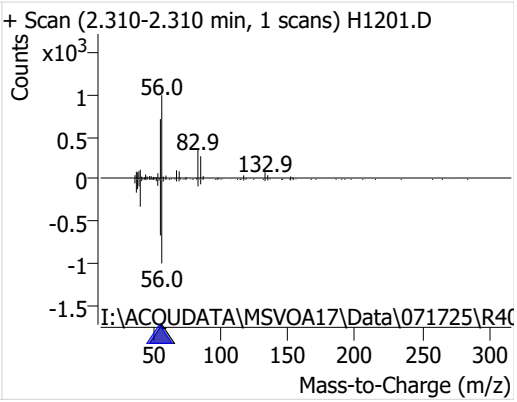




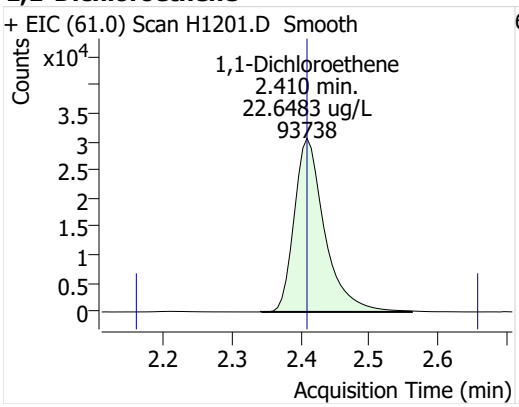
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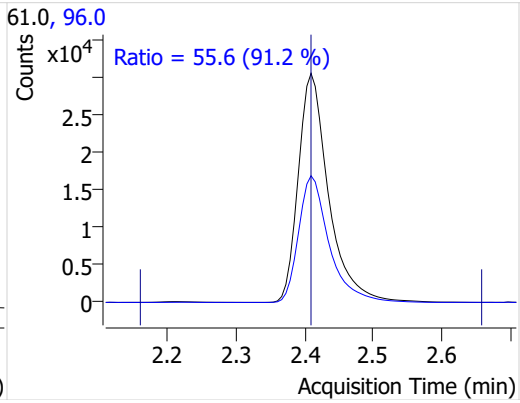


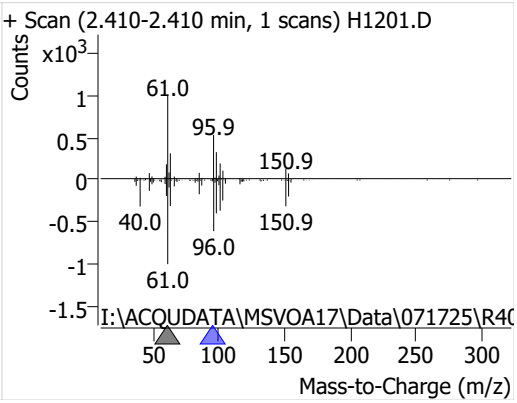




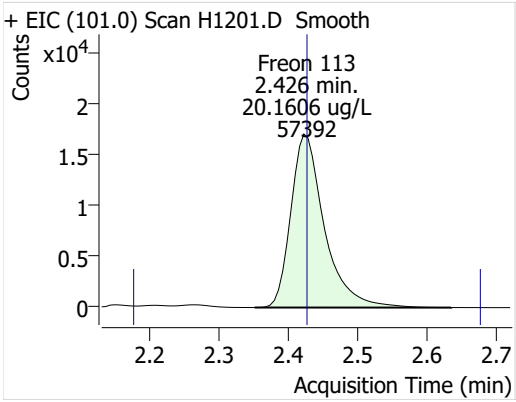
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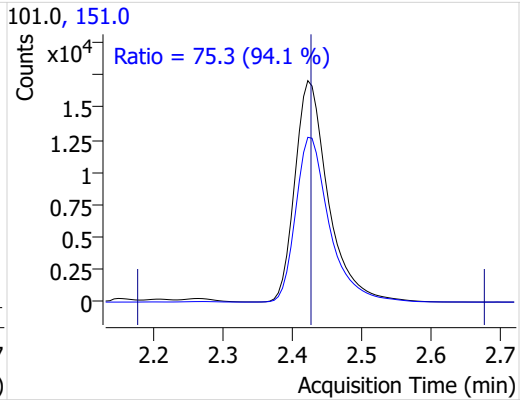


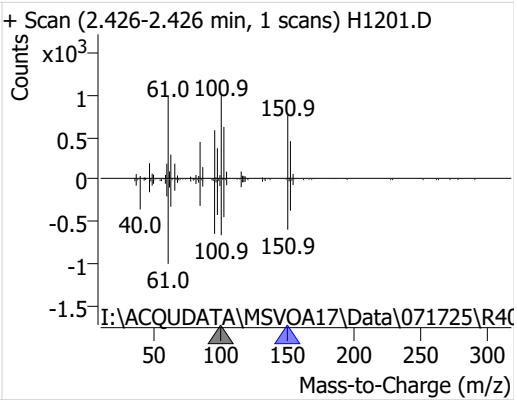




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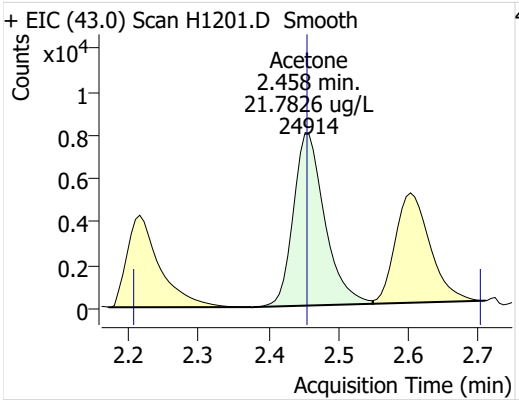


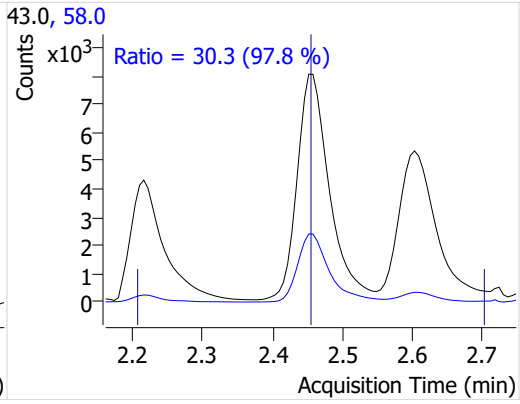


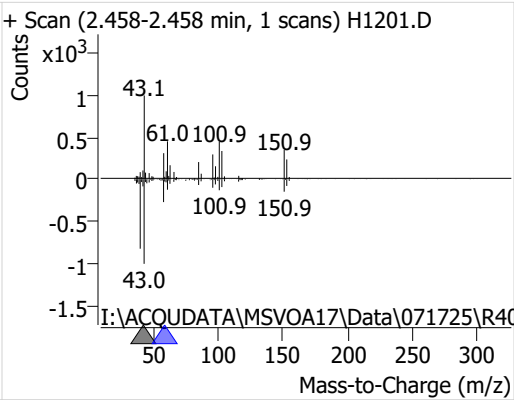


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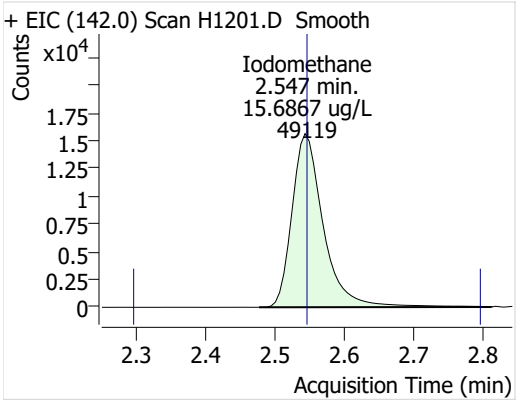
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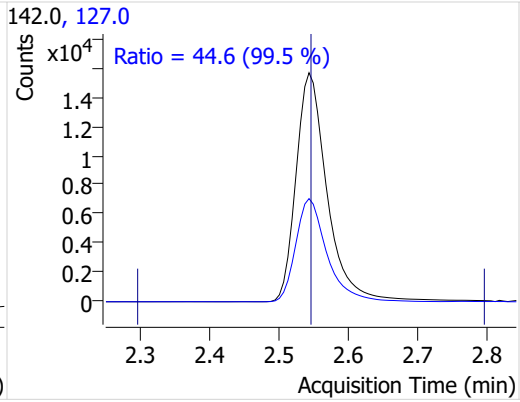


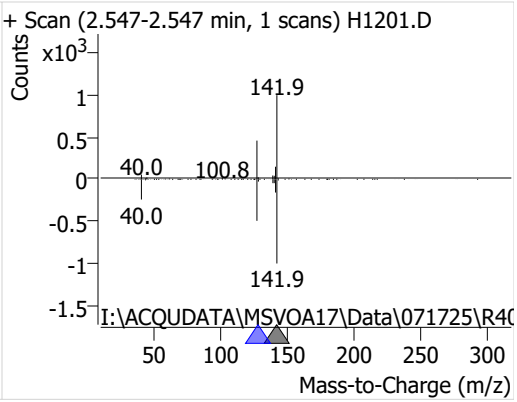




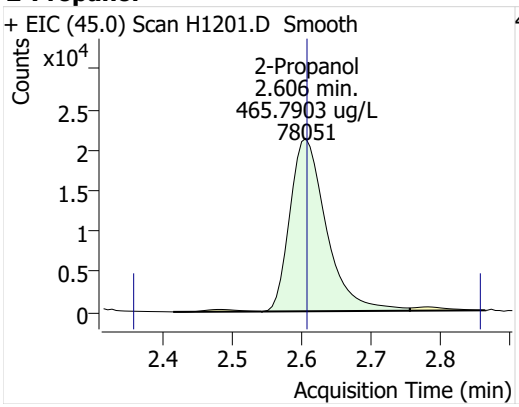
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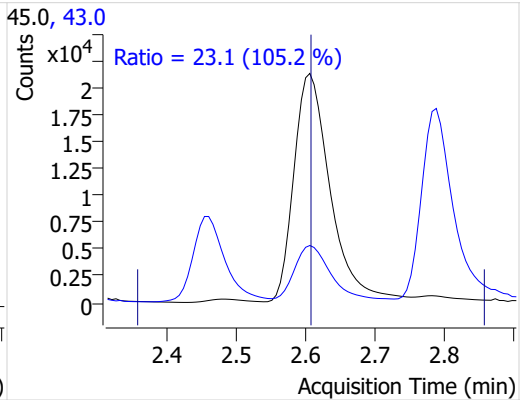


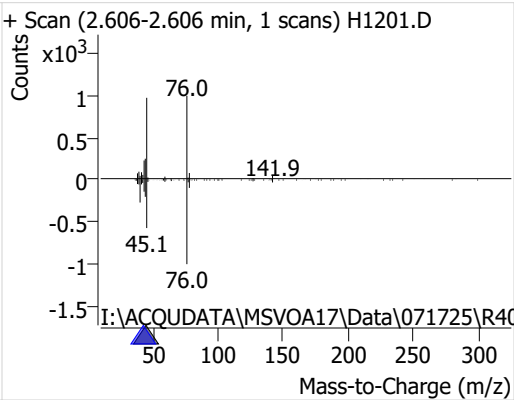




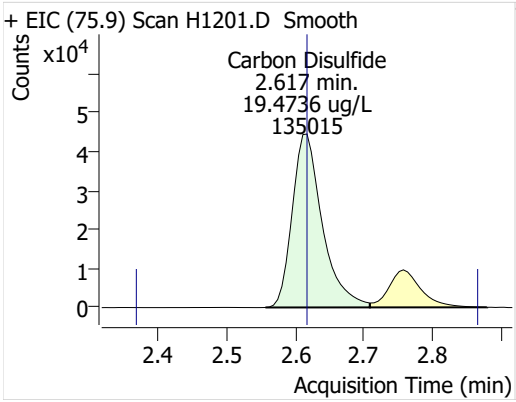
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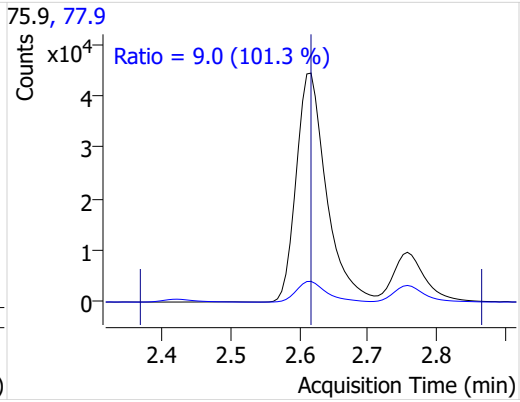


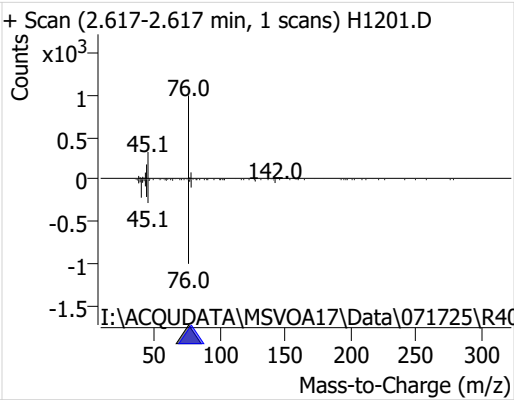




Carbon Disulfide

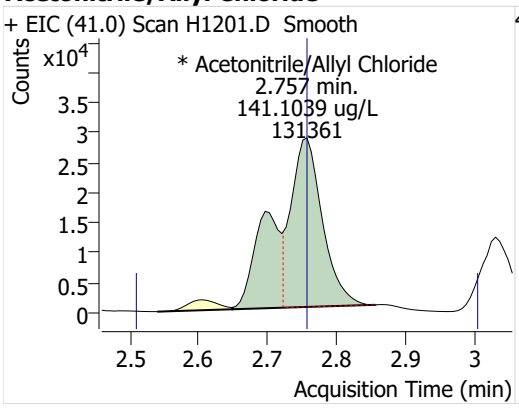


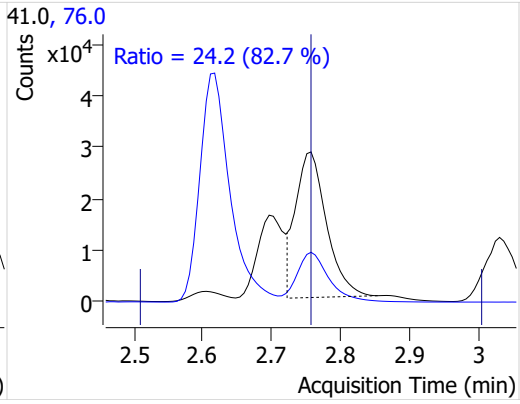


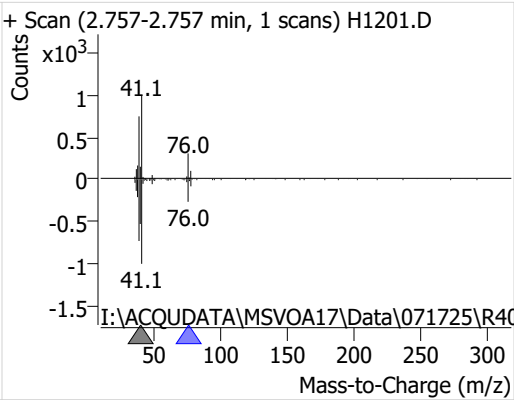


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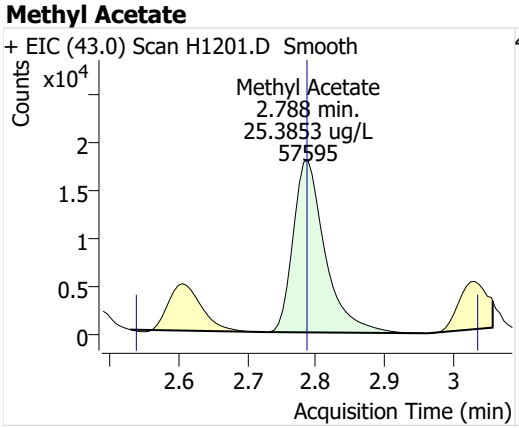
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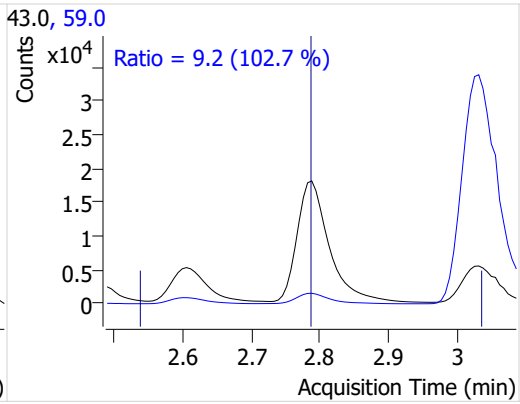


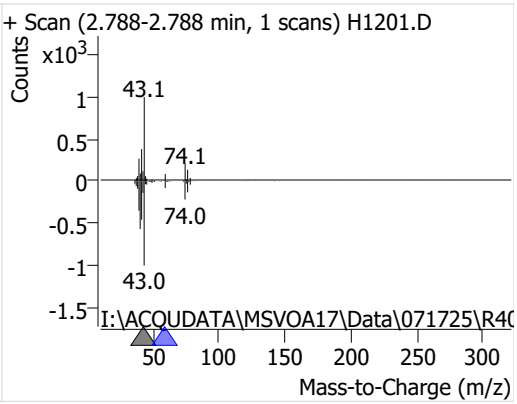




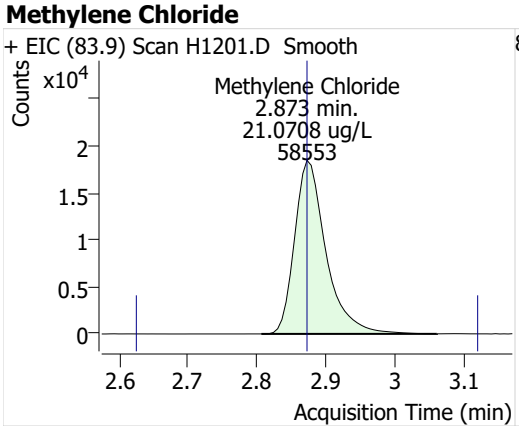
Methyl Acetate

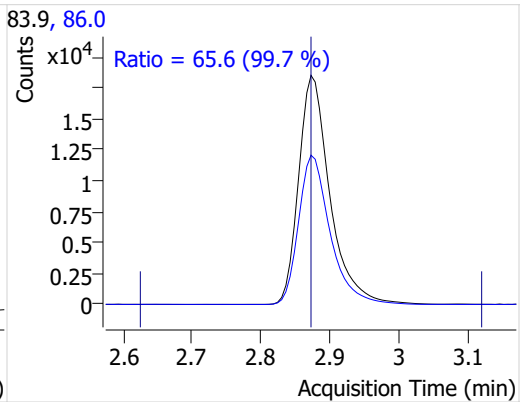


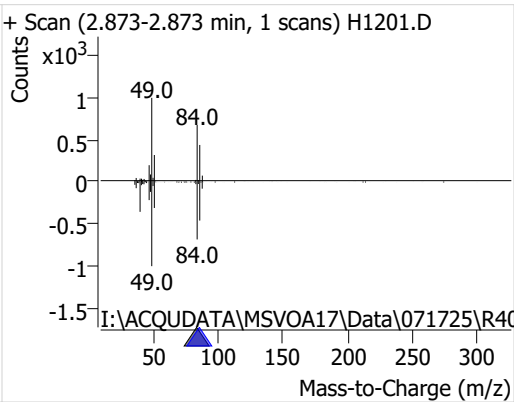




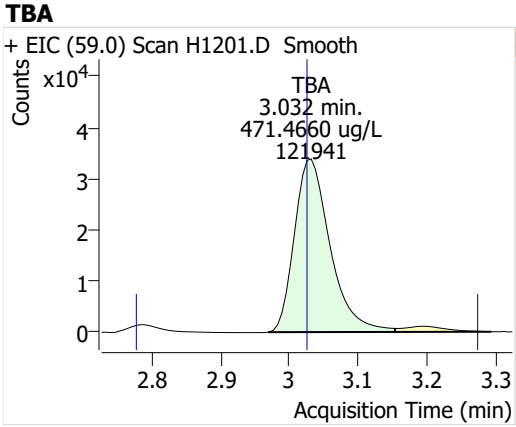
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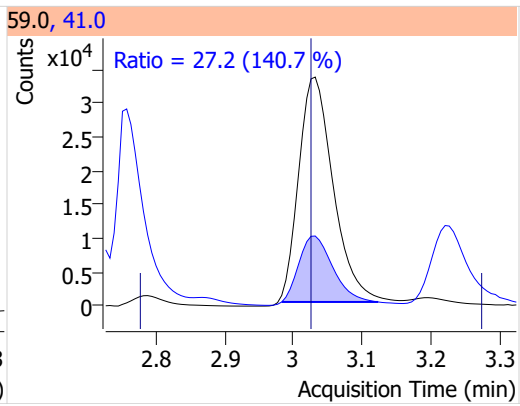


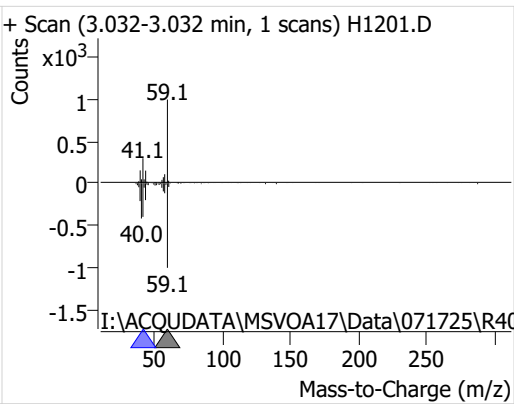




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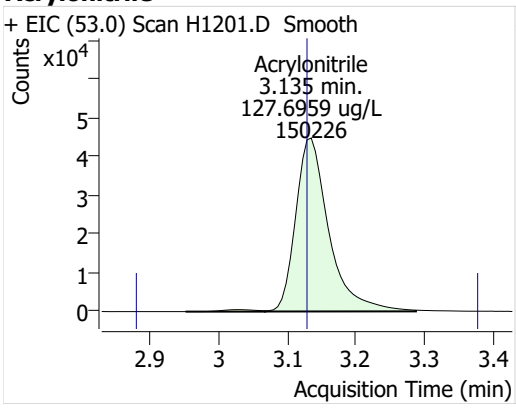


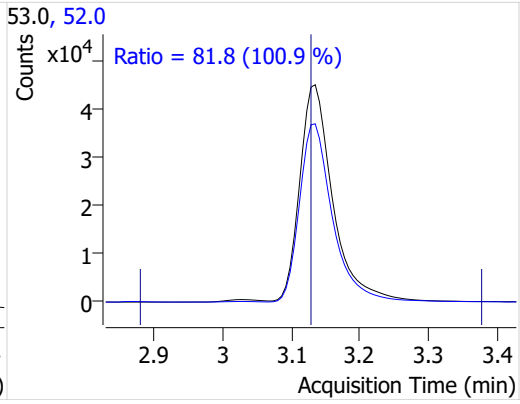


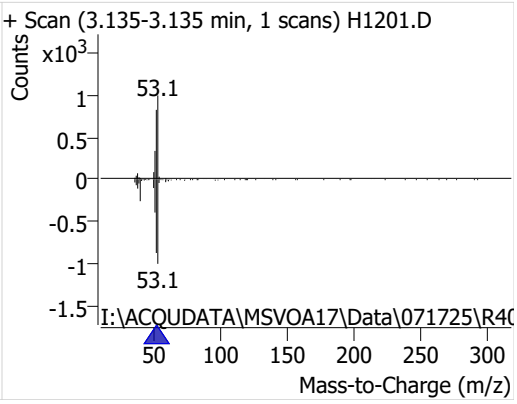


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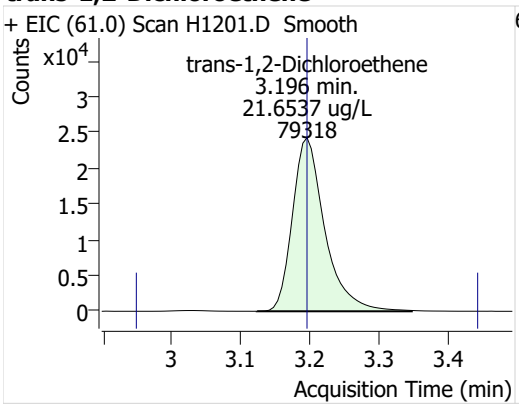
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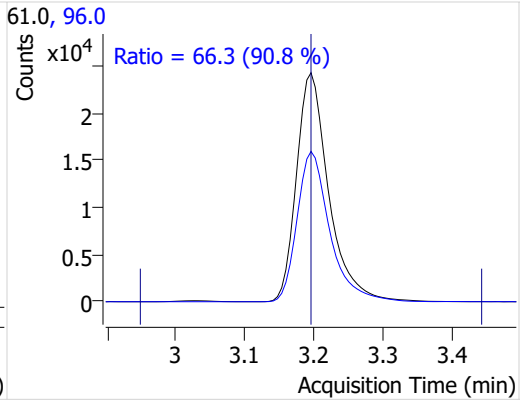


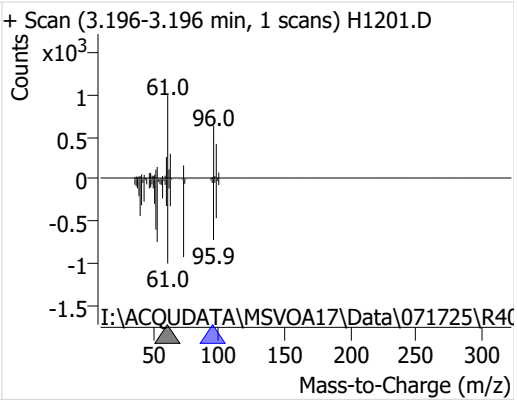




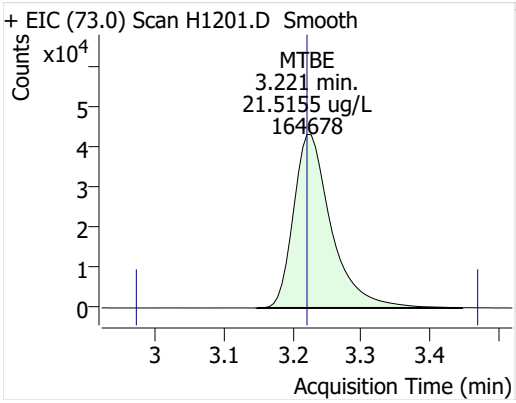
trans-1,2-Dichloroethene

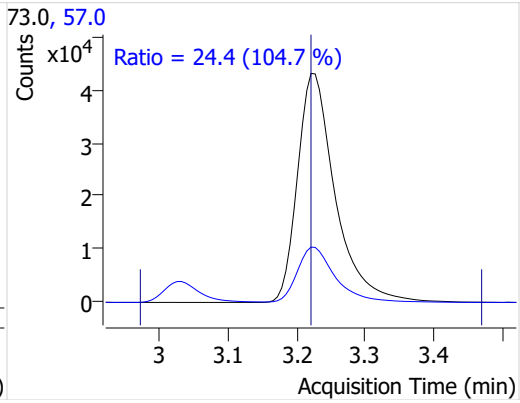


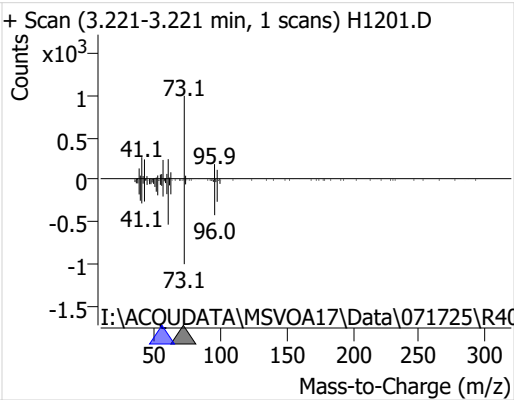




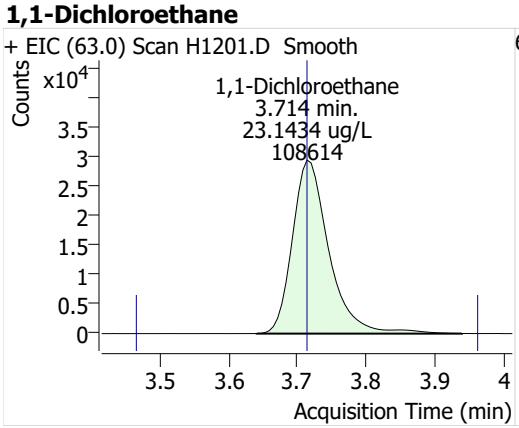
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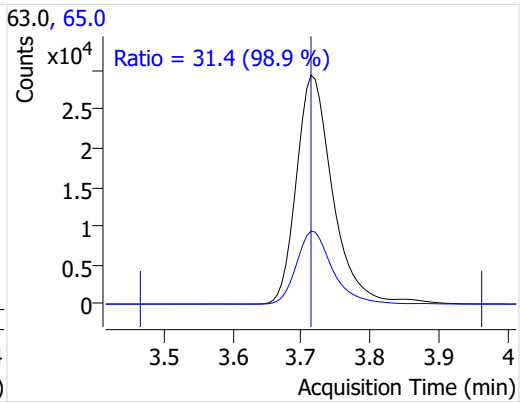


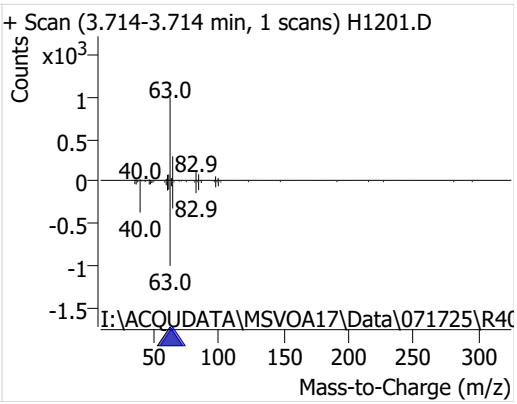




1,1-Dichloroethane

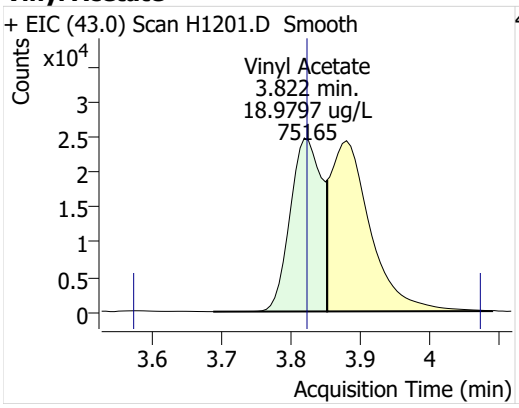


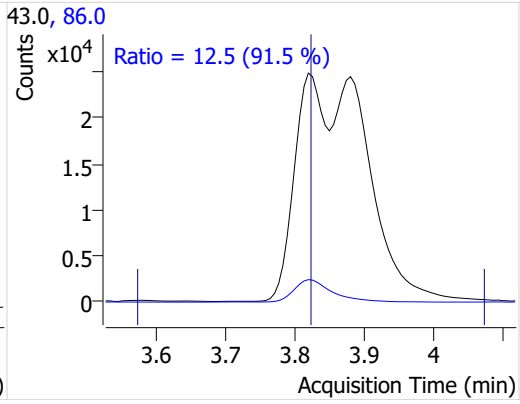


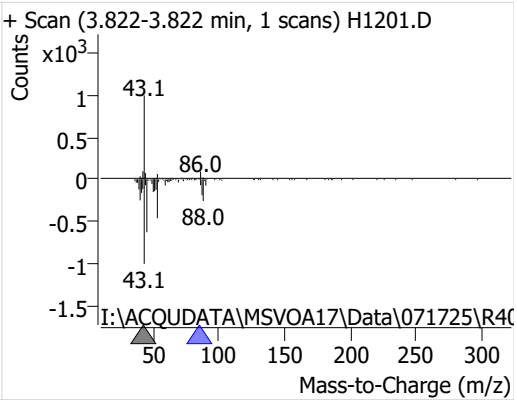


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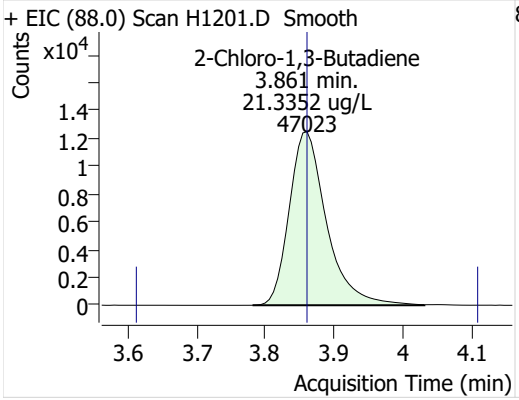
Vinyl Acetate

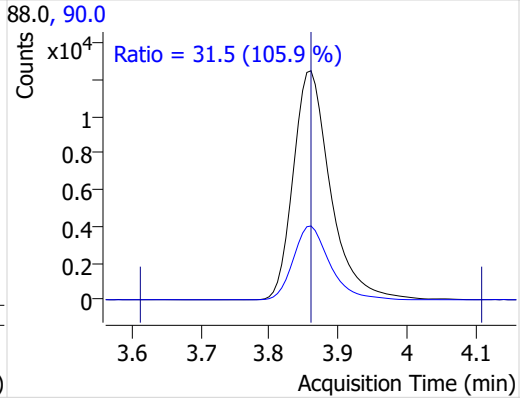


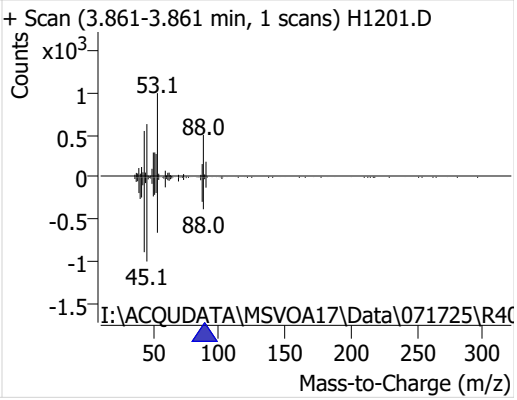




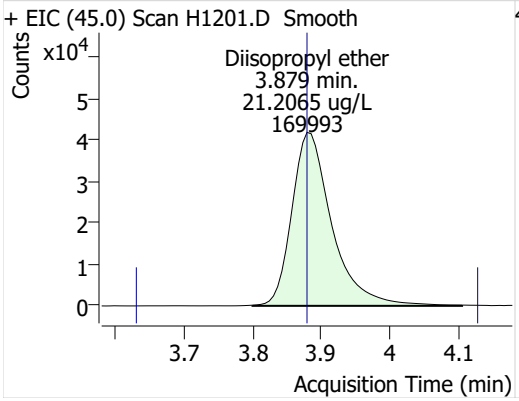
2-Chloro-1,3-Butadiene

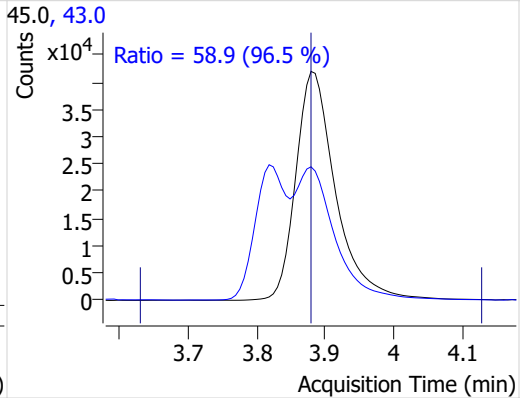


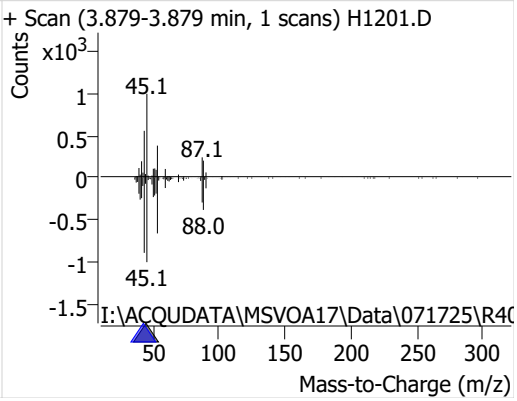




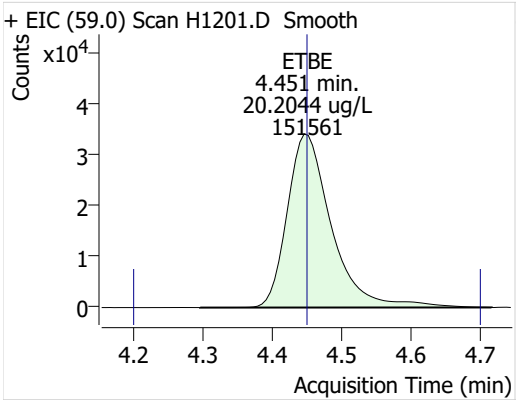
Diisopropyl ether

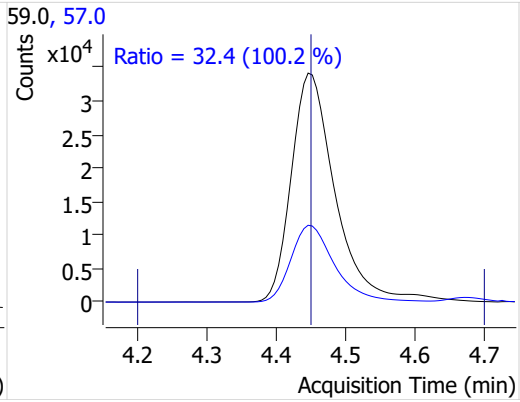


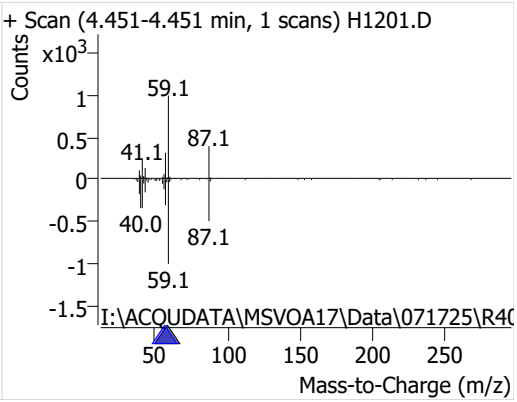




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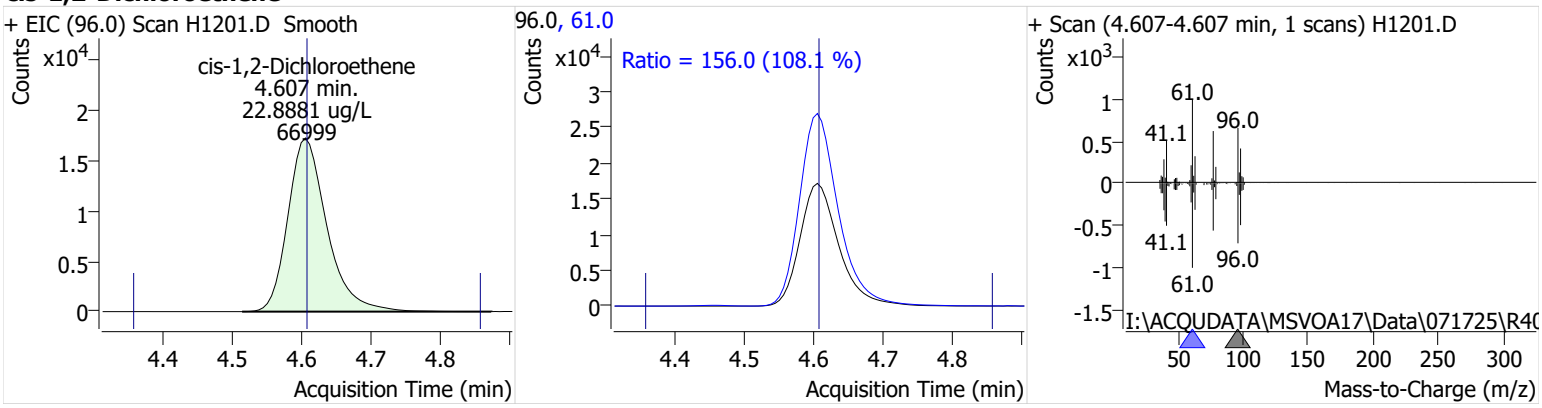




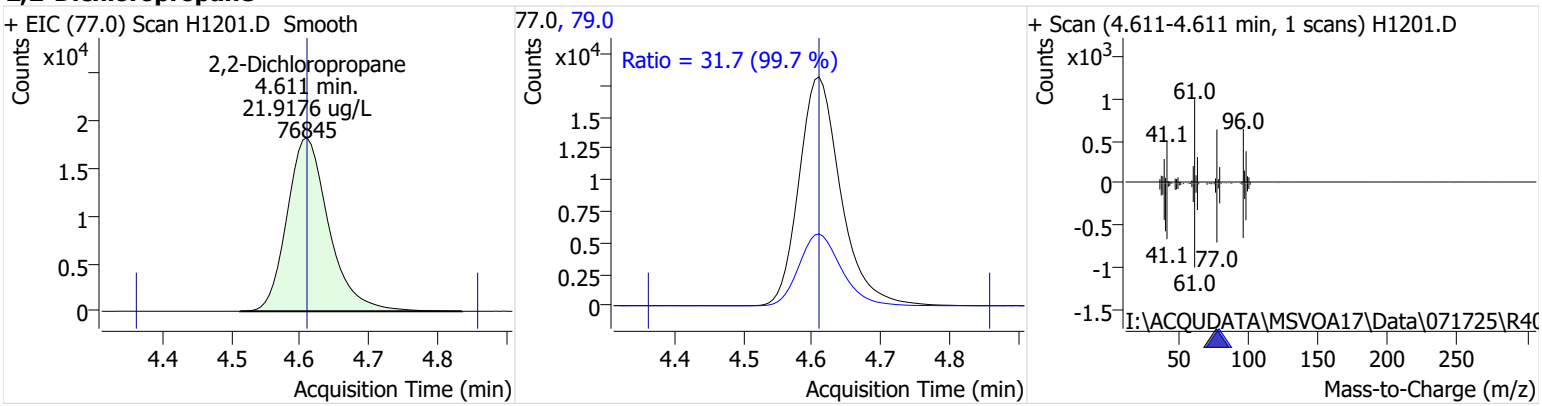


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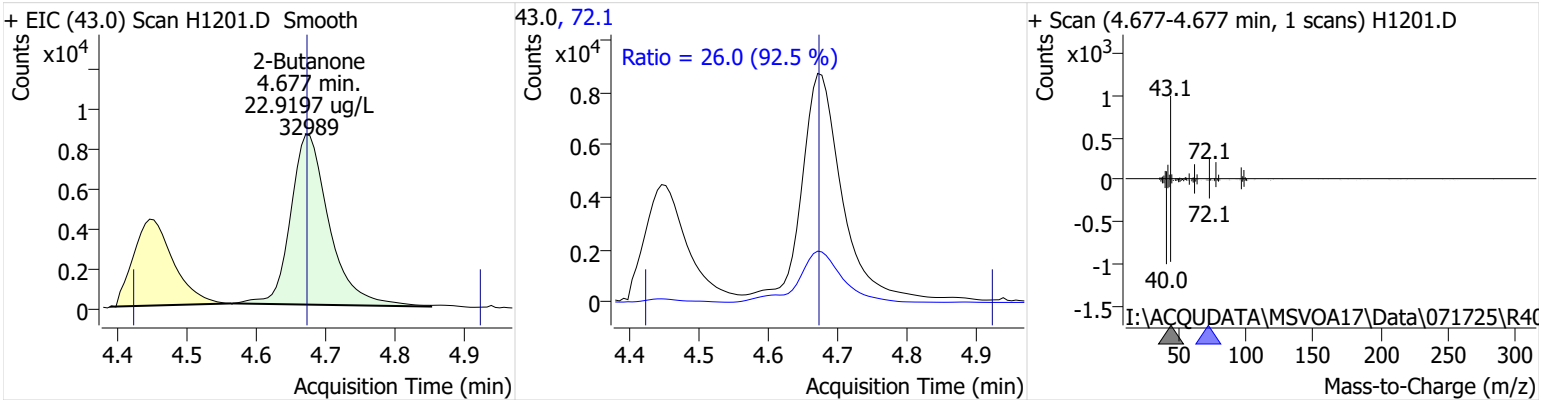
cis-1,2-Dichloroethene



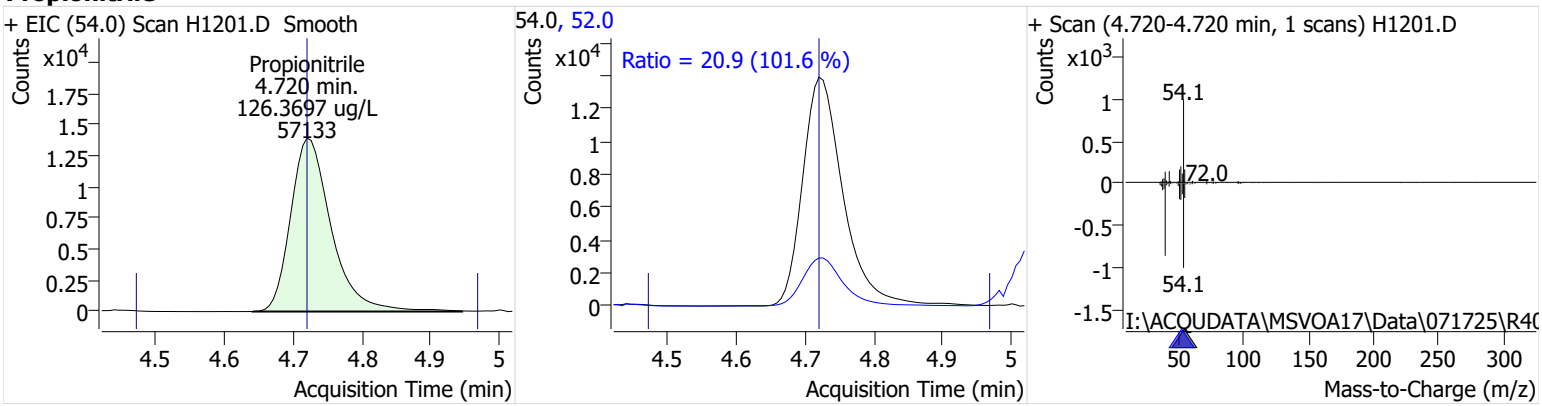
2,2-Dichloropropane



2-Butanone

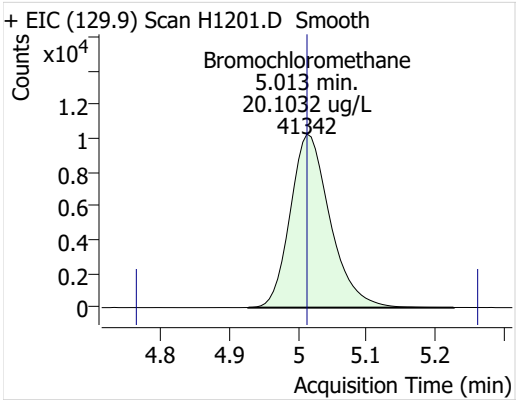


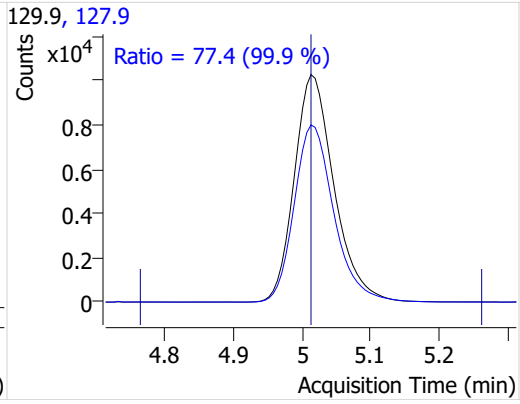
Propionitrile

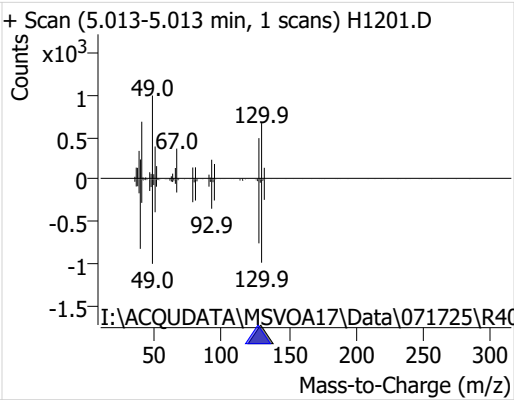


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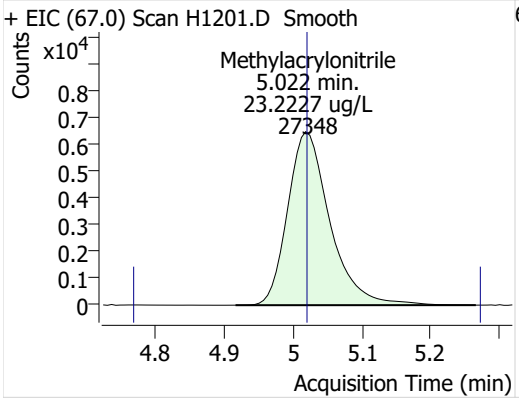
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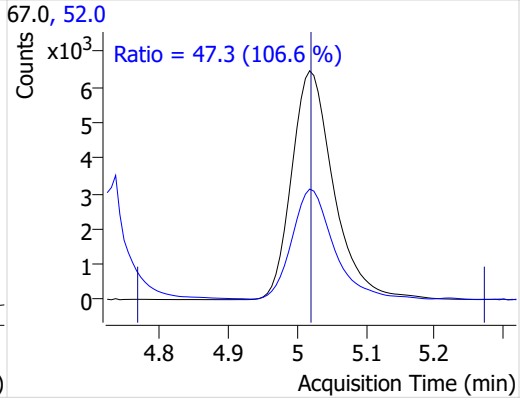


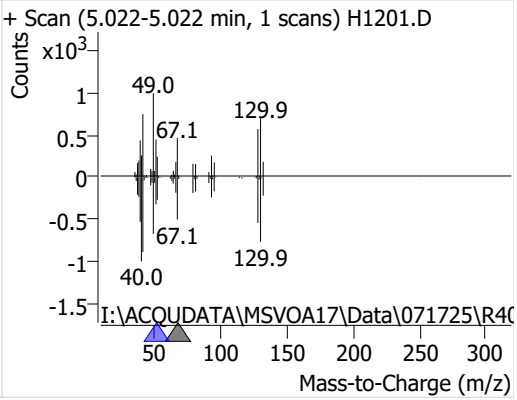




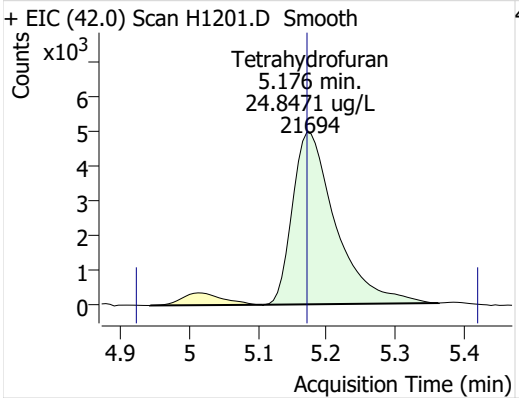
Methylacrylonitrile

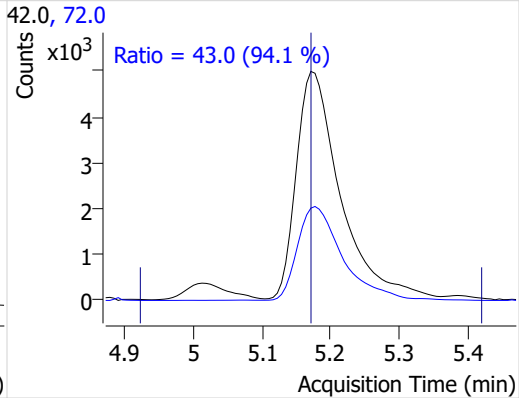


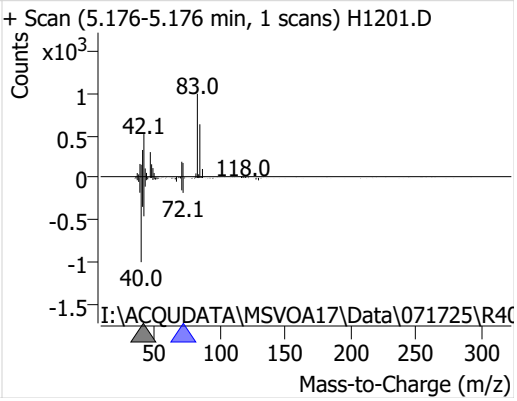




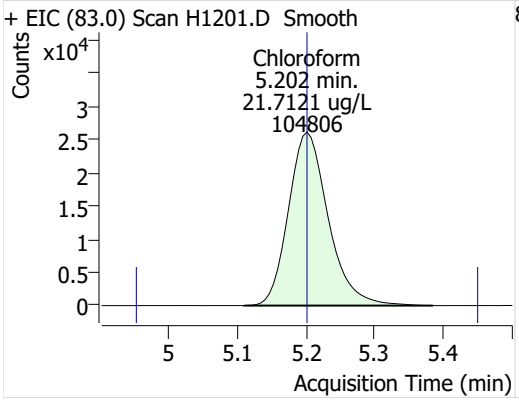
Tetrahydrofuran

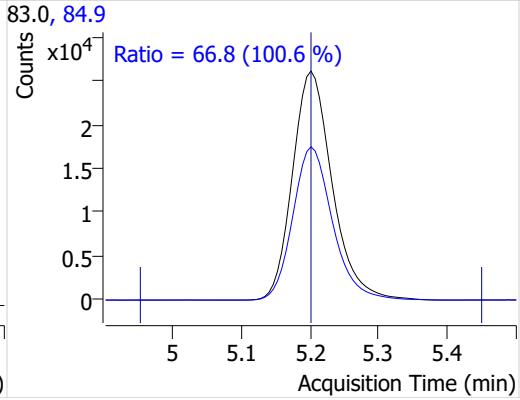


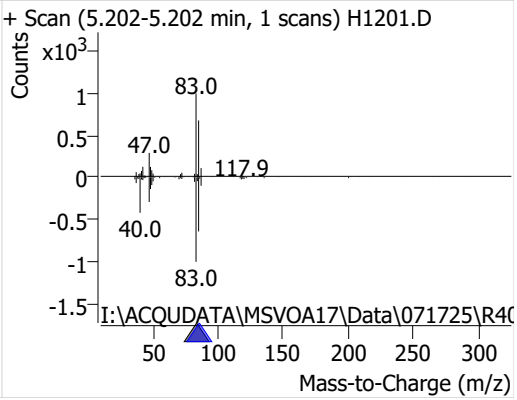




Chloroform

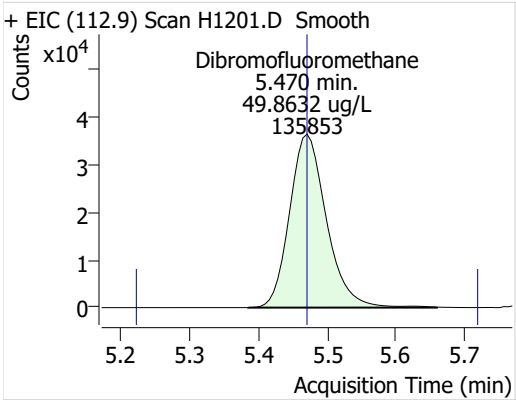


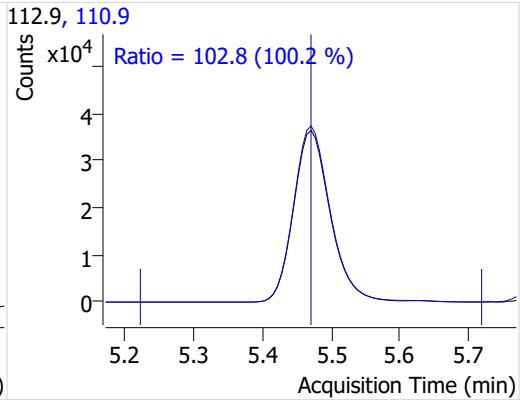


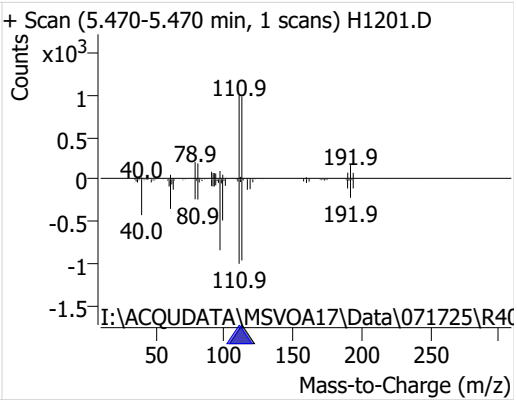


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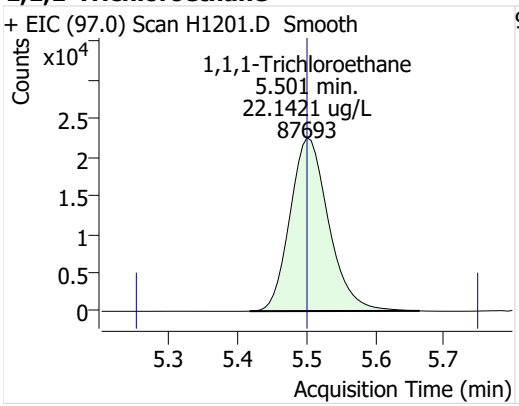
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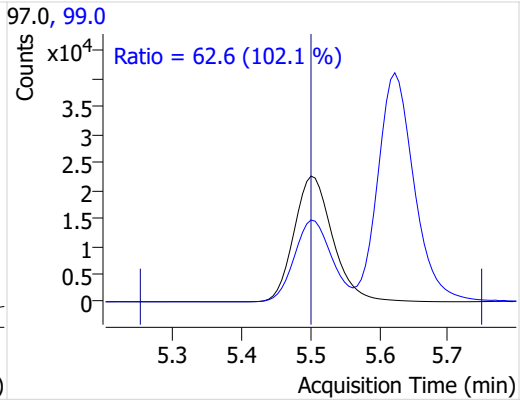


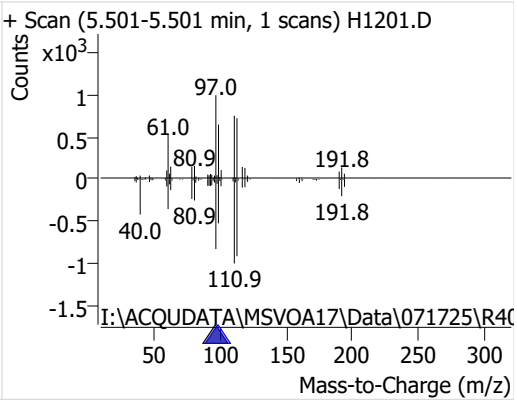




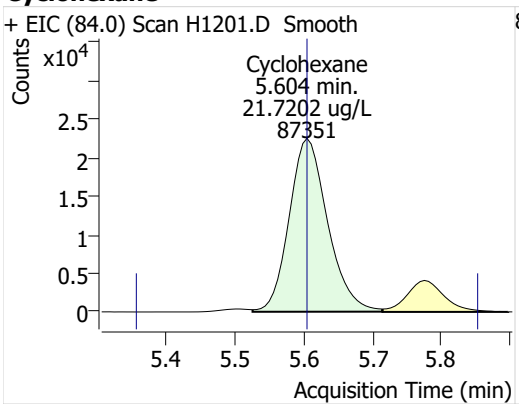
1,1,1-Trichloroethane

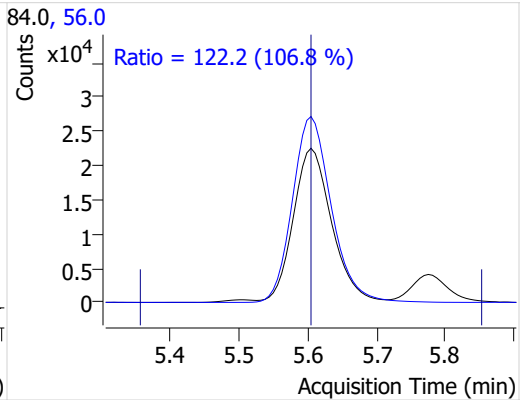


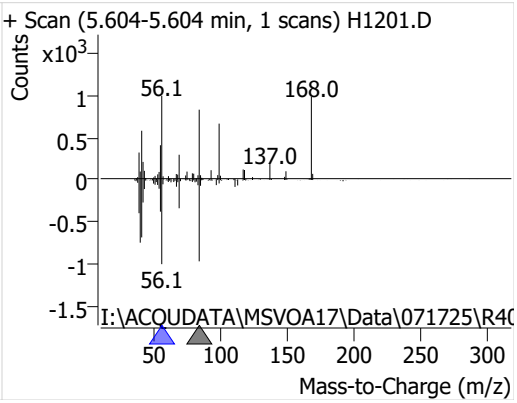




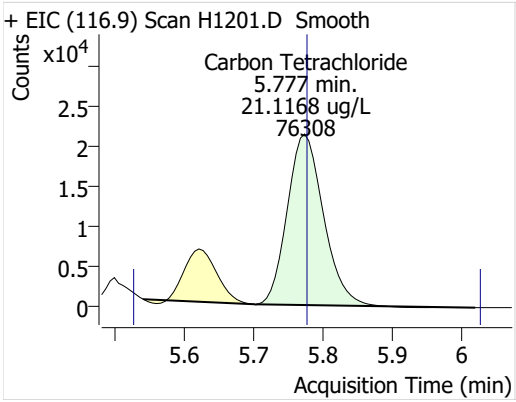
Cyclohexane

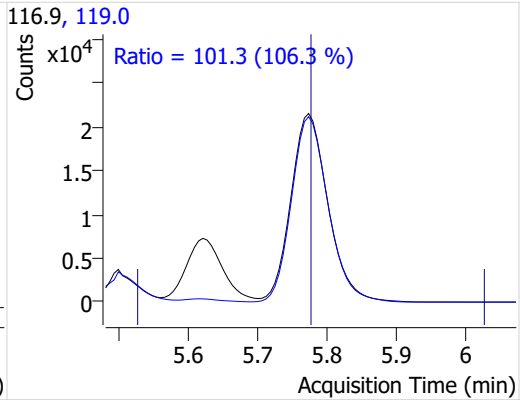


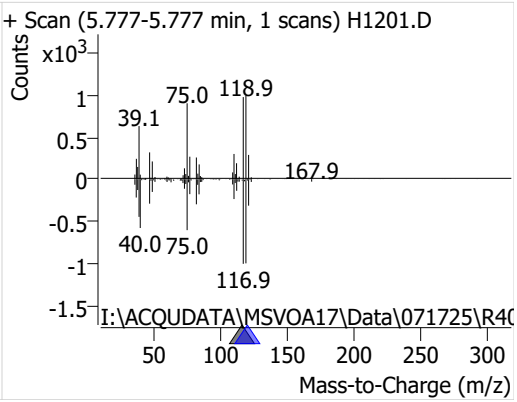




Carbon Tetrachloride

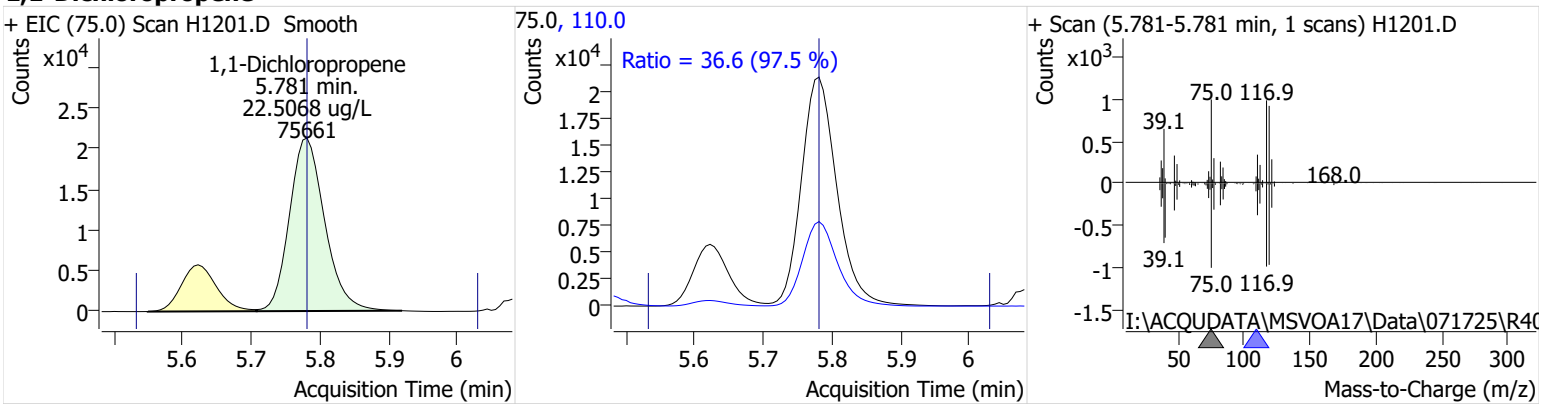




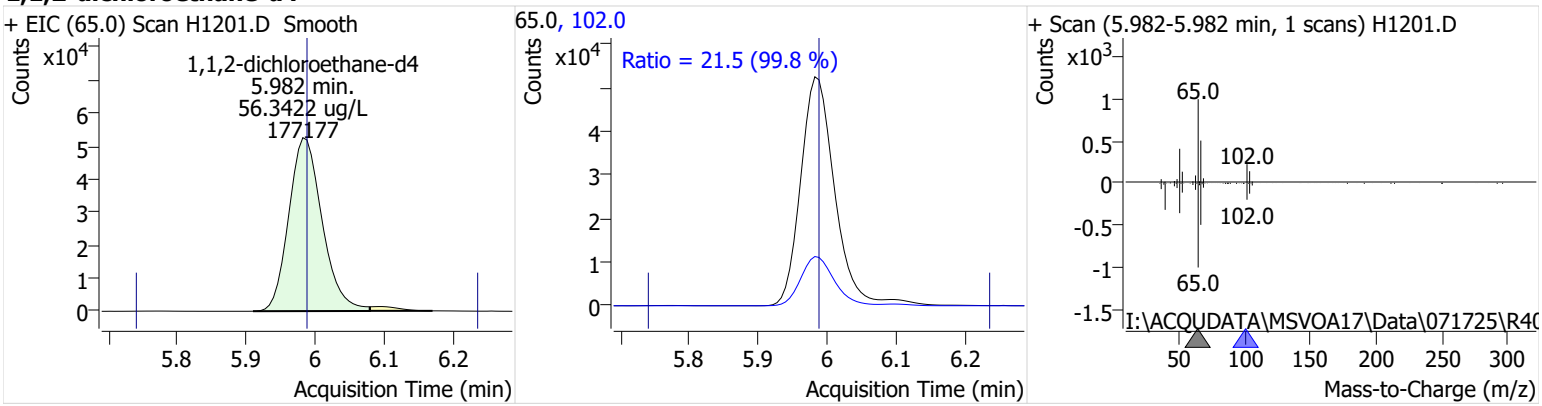


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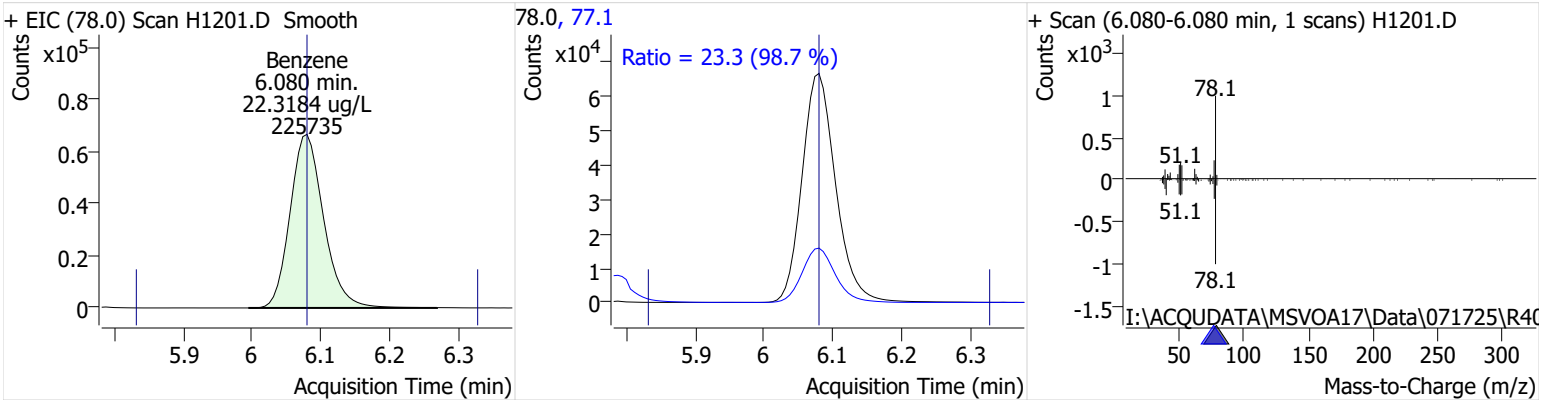
1,1-Dichloropropene



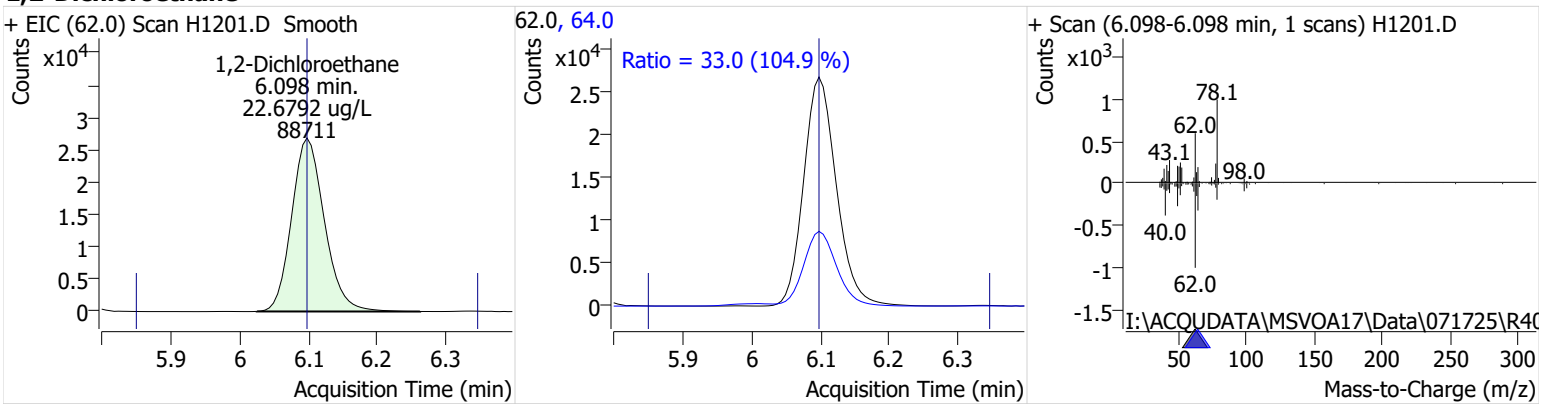
1,1,2-dichloroethane-d4



Benzene

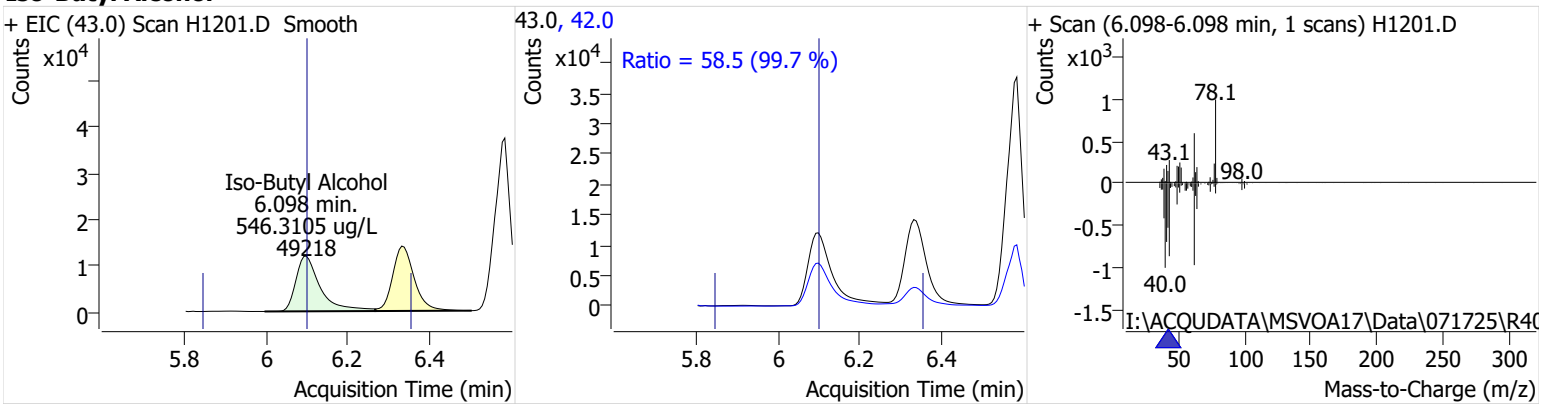


1,2-Dichloroethane

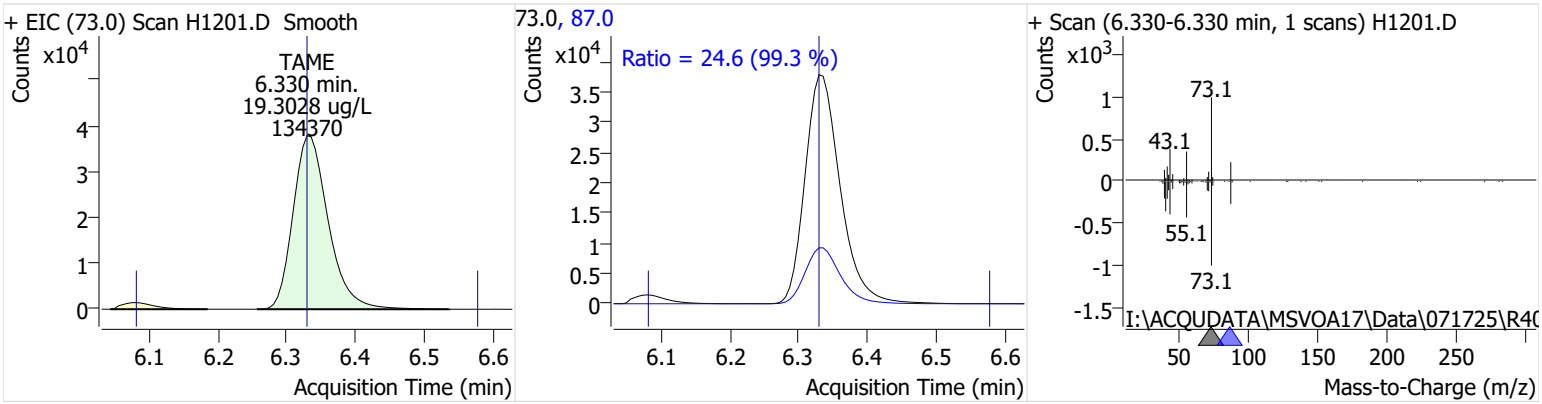


Masshunter Quantitative Analysis Sample Report

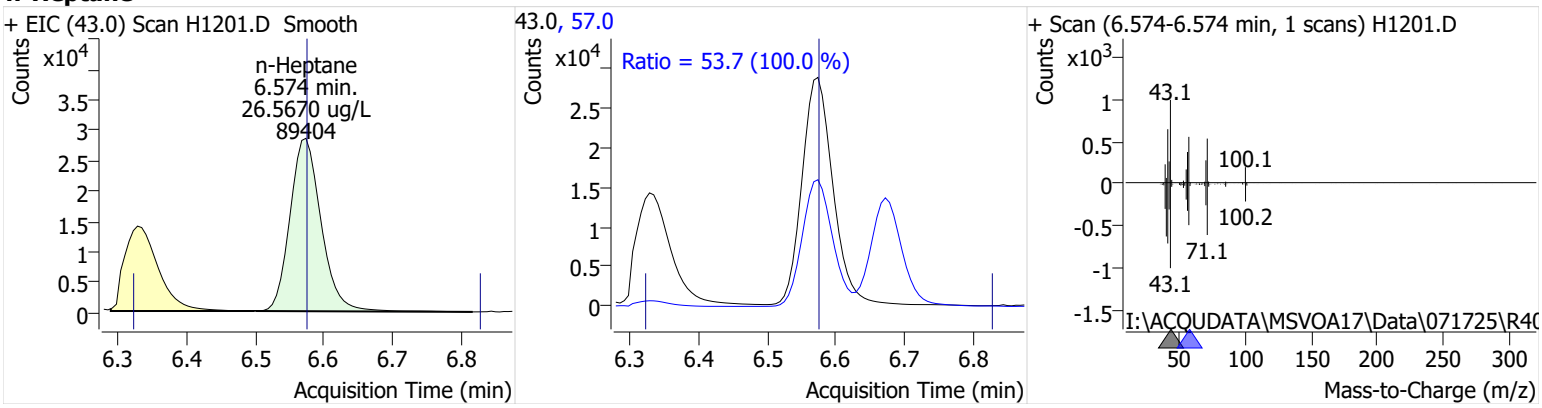
Iso-Butyl Alcohol



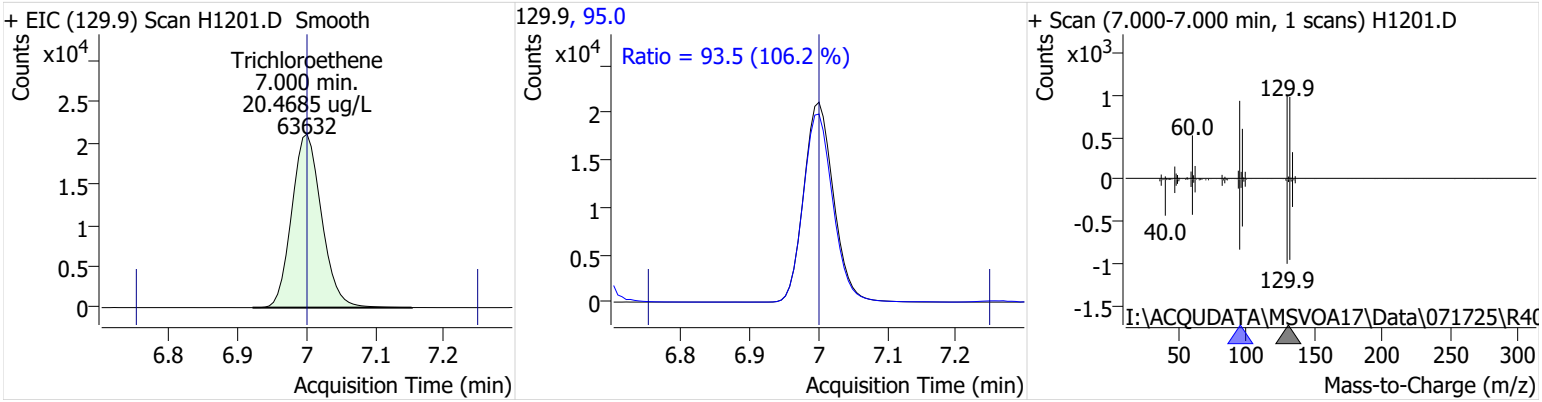
TAME



n-Heptane

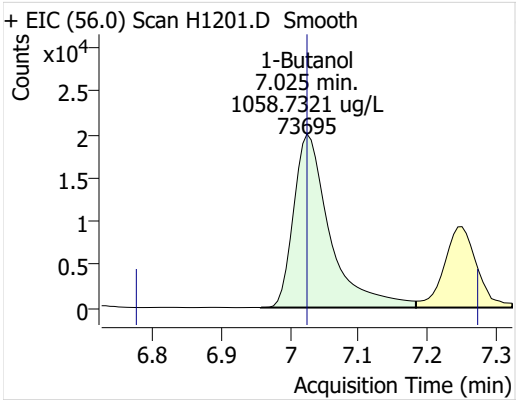


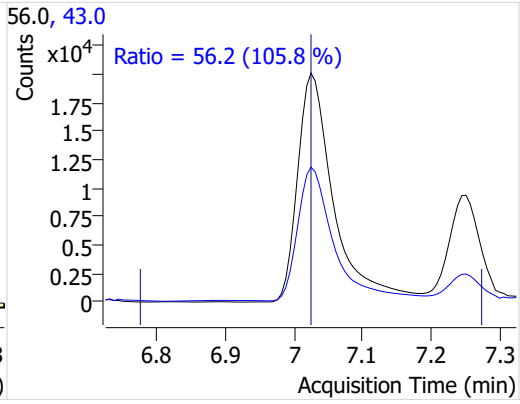
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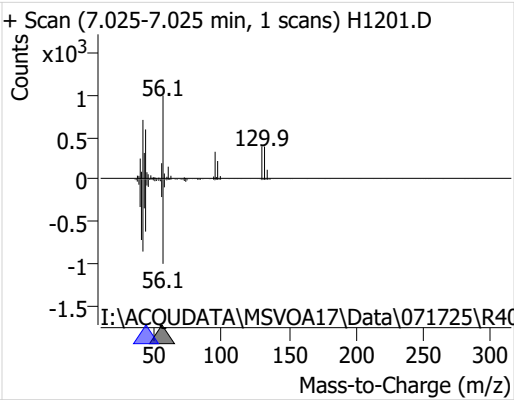


Masshunter Quantitative Analysis Sample Report

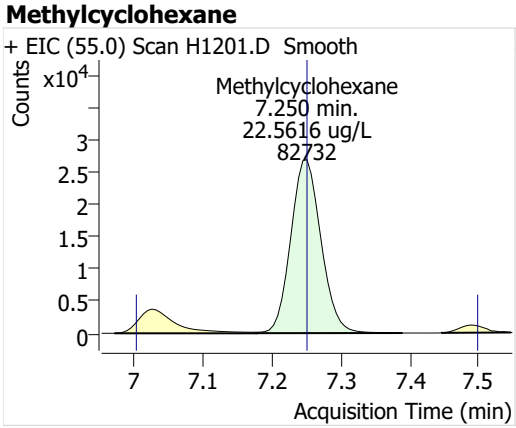
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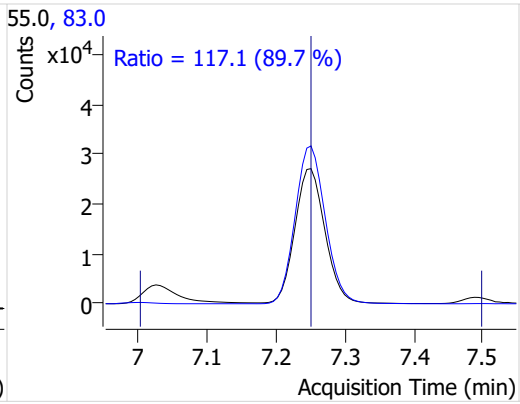


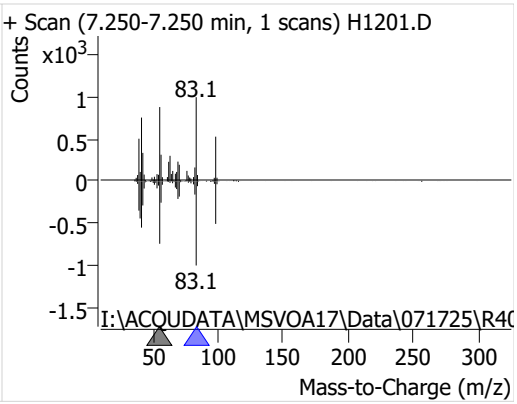




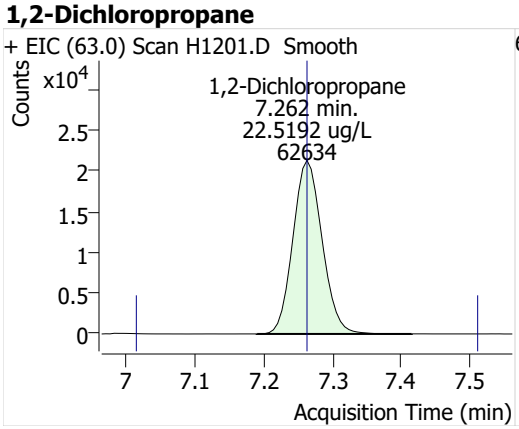
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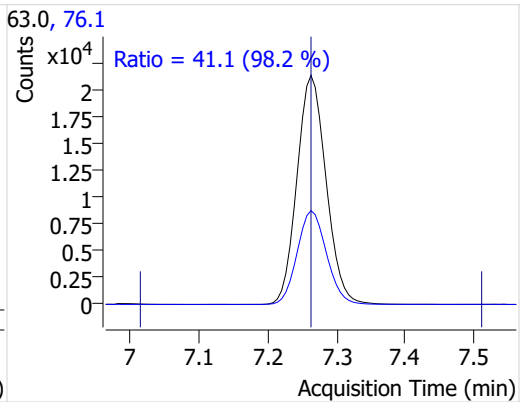


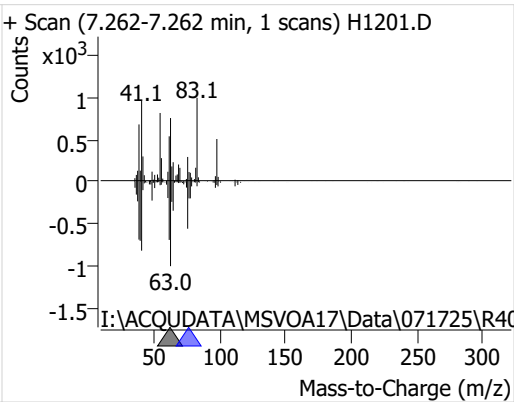




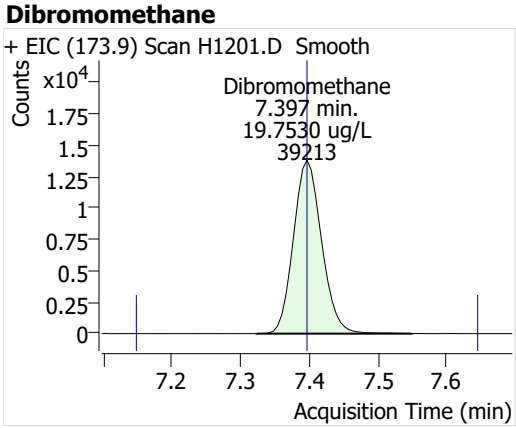
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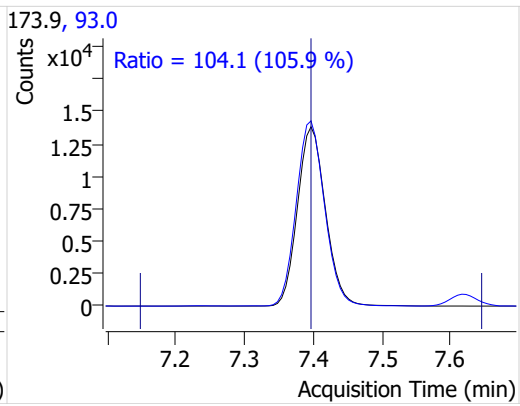


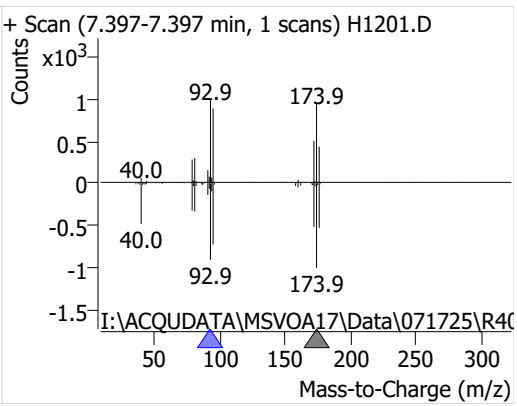




Dibromomethane

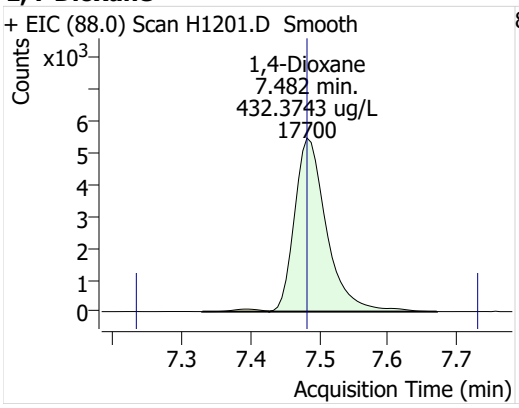


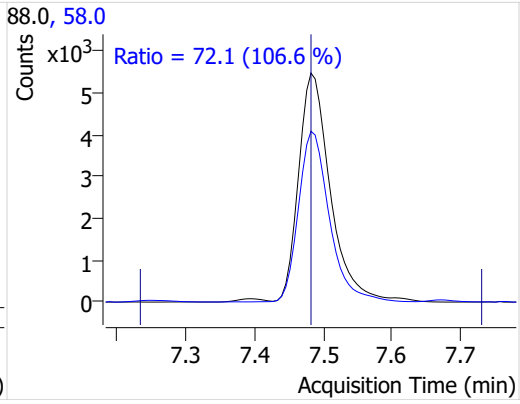


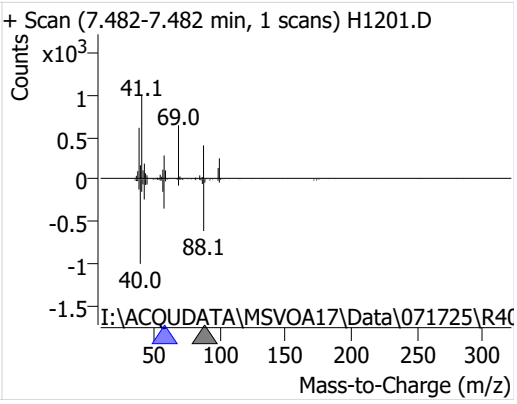


Masshunter Quantitative Analysis Sample Report

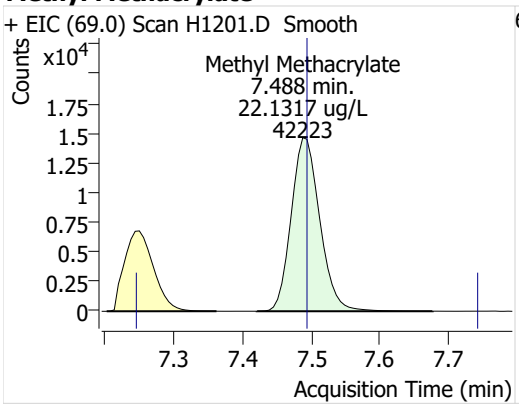
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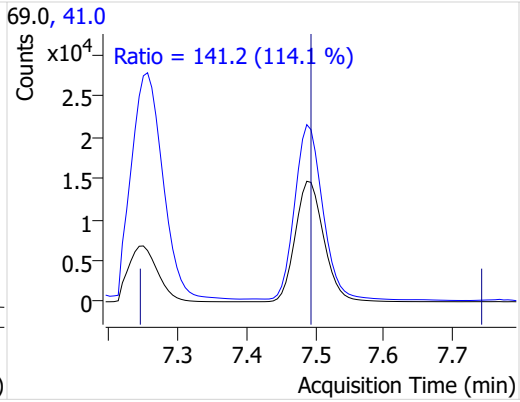


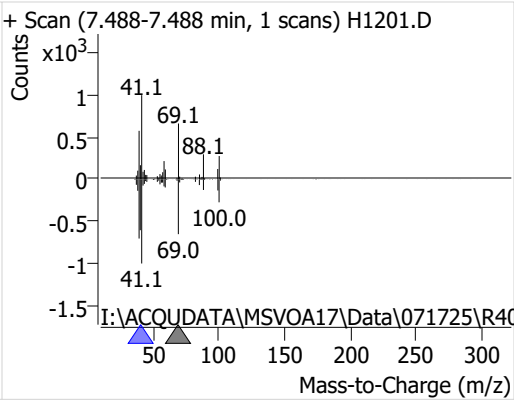




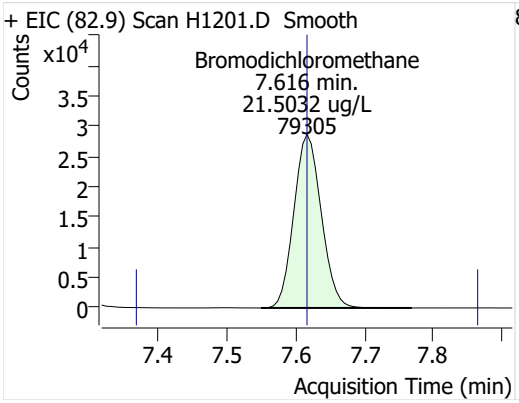
Methyl Methacrylate

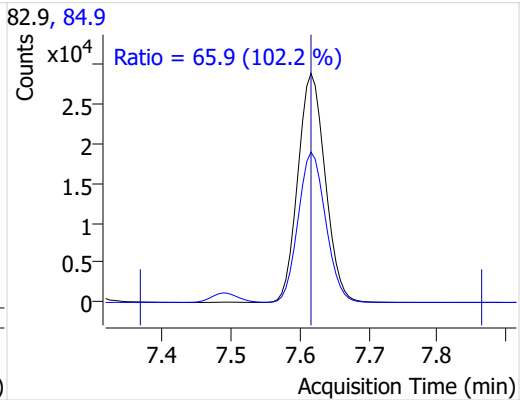


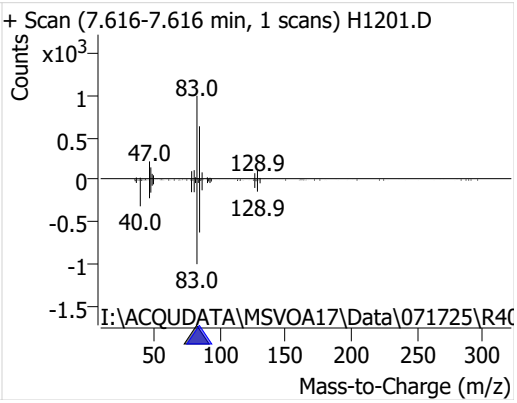




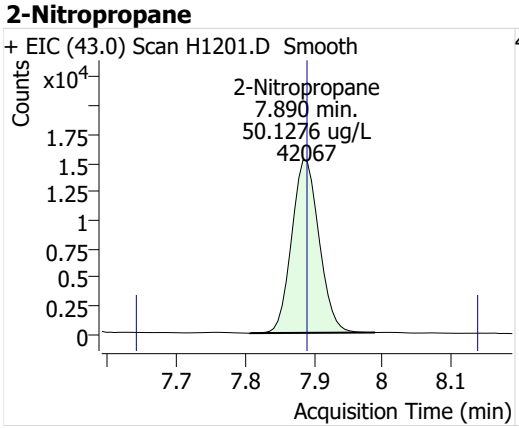
Bromodichloromethane

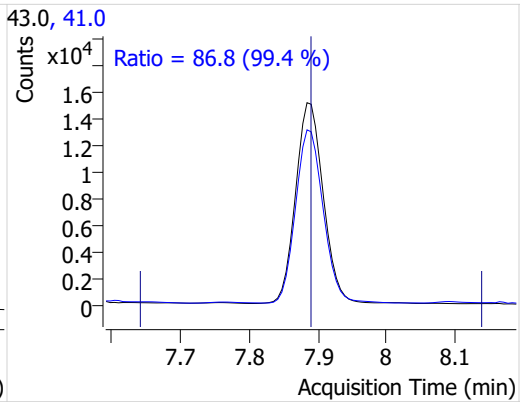


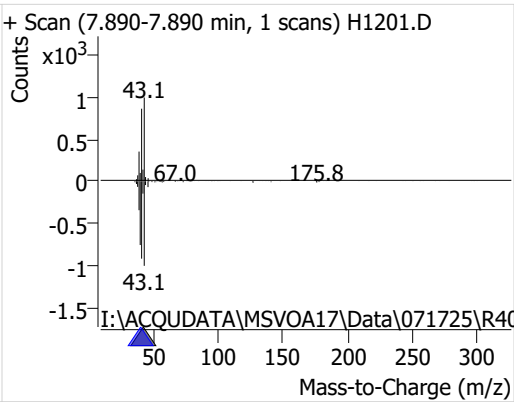




2-Nitropropane

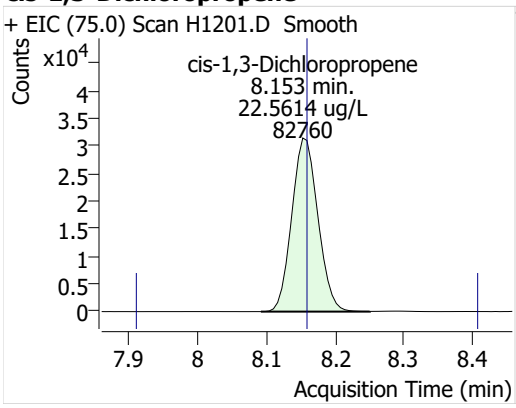


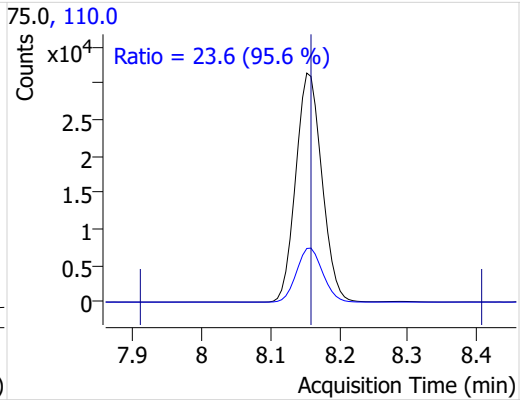


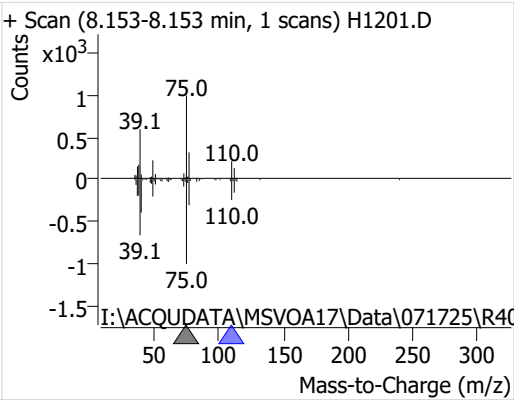


Masshunter Quantitative Analysis Sample Report

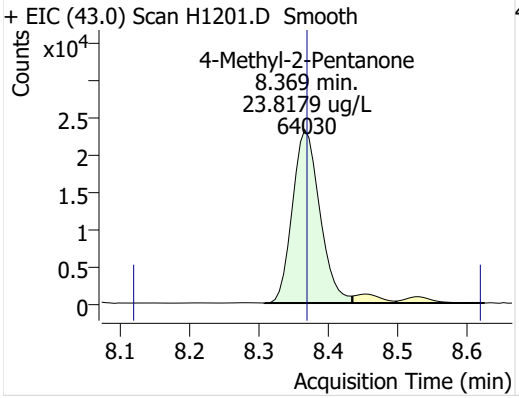
cis-1,3-Dichloropropene

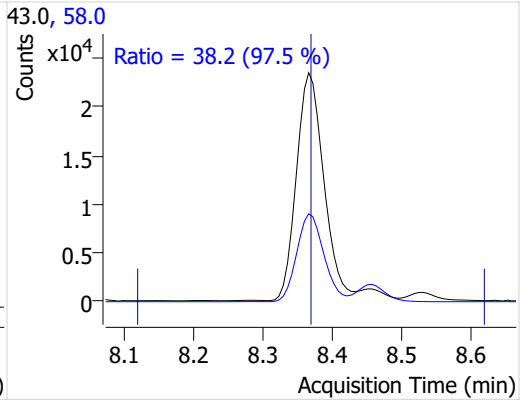


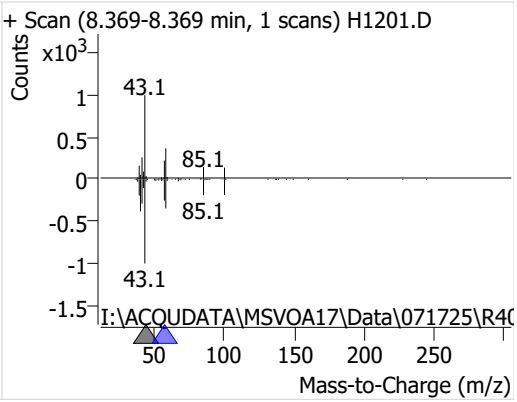




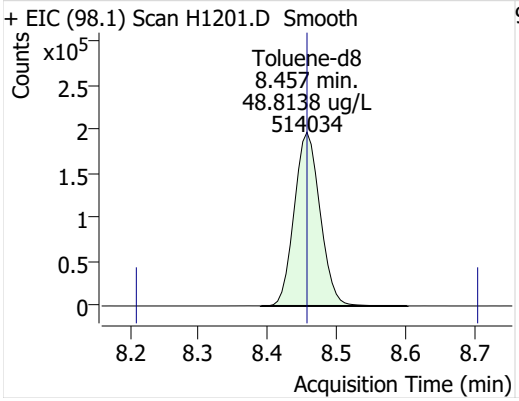
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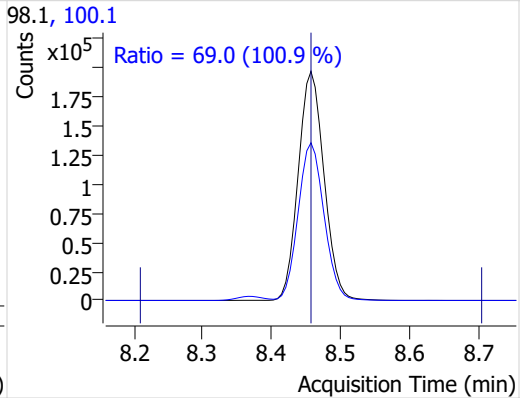


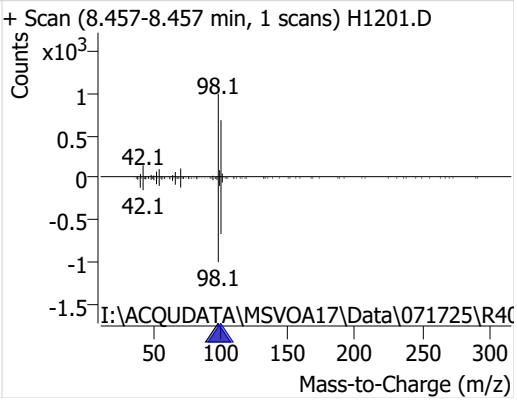




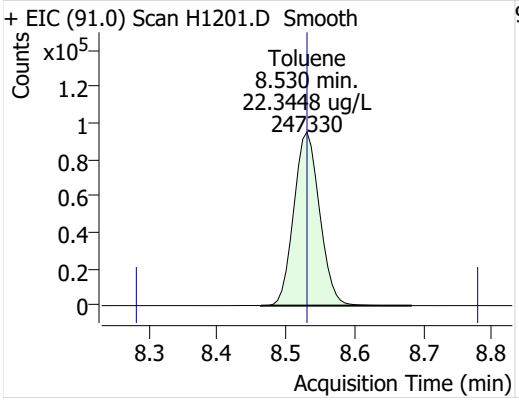
Toluene-d8

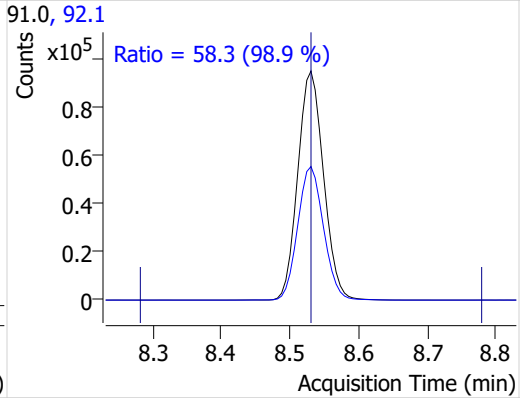


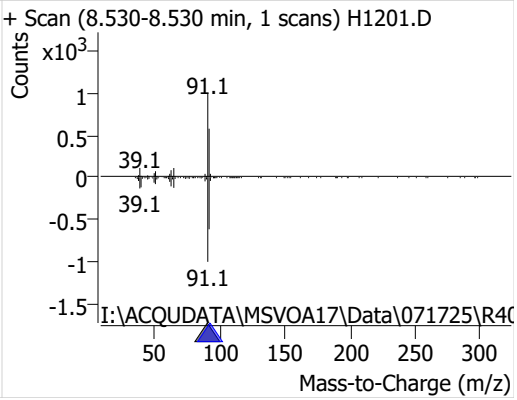




Toluene

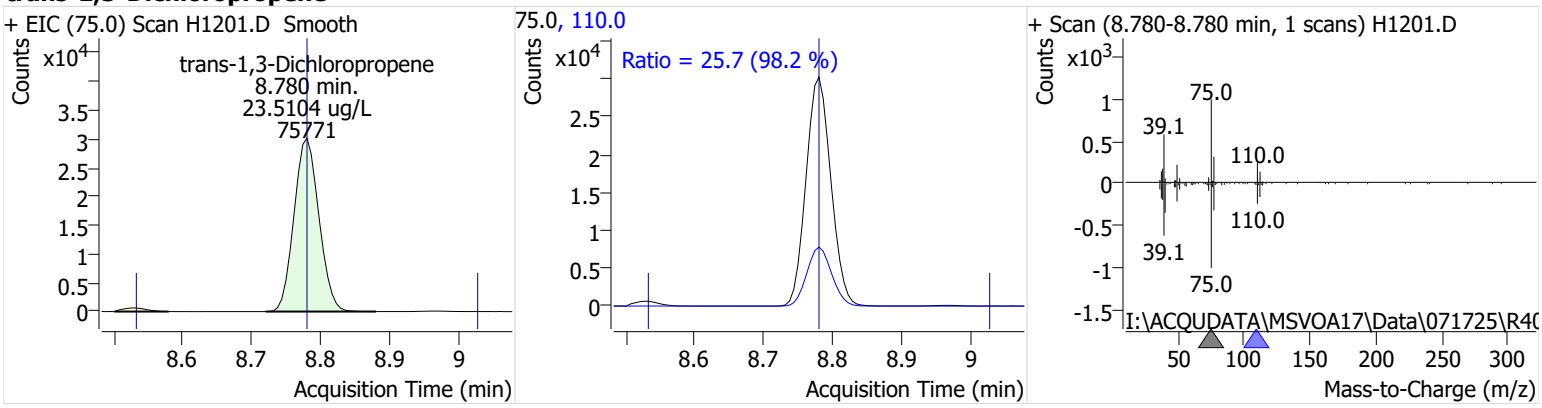




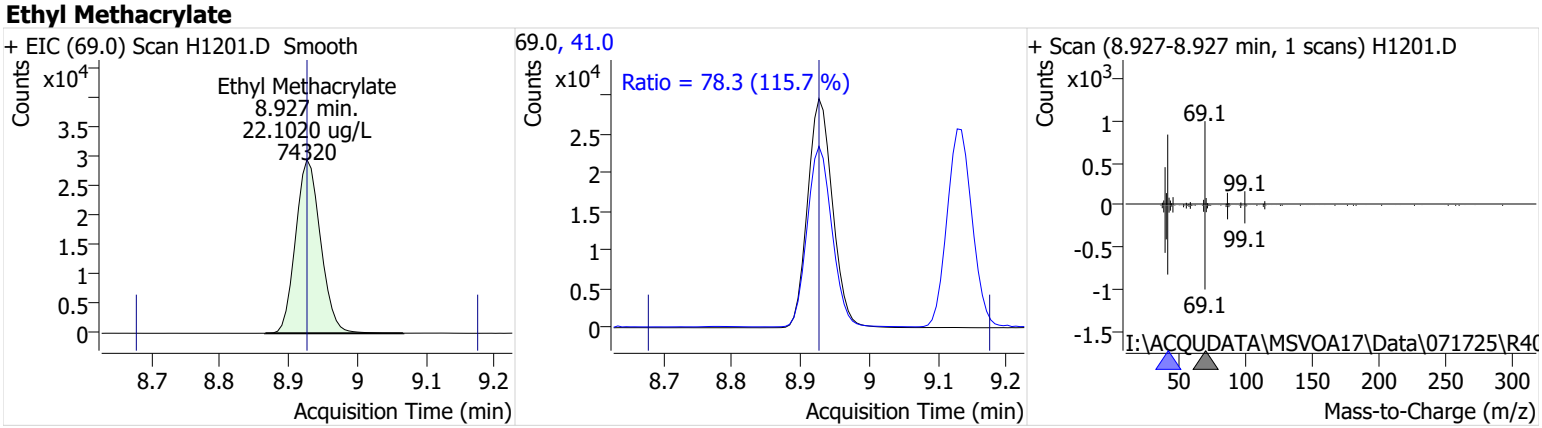


Masshunter Quantitative Analysis Sample Report

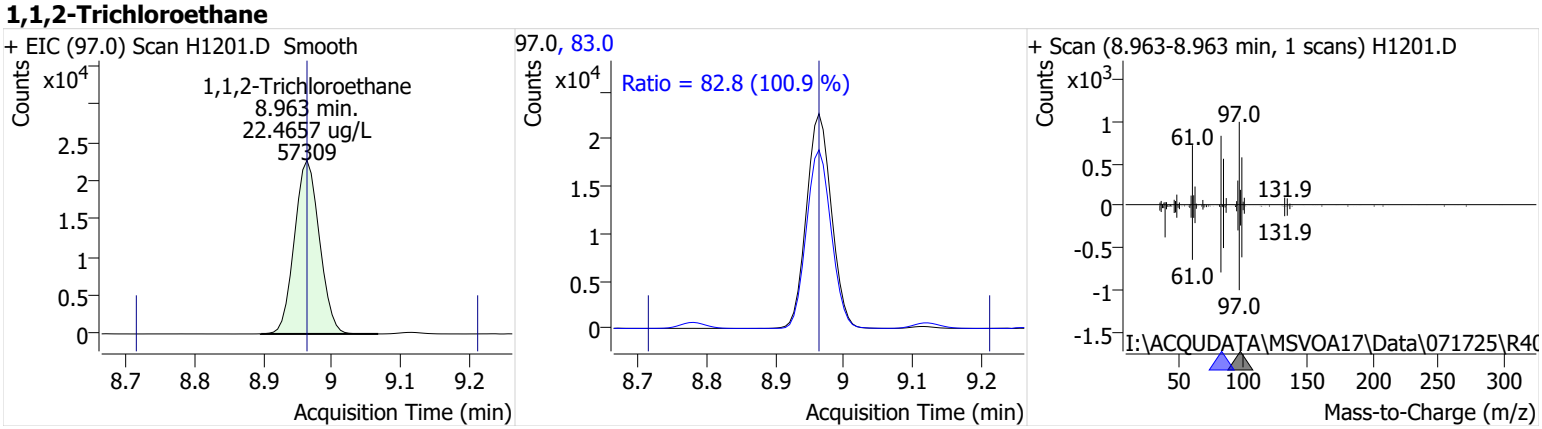
trans-1,3-Dichloropropene



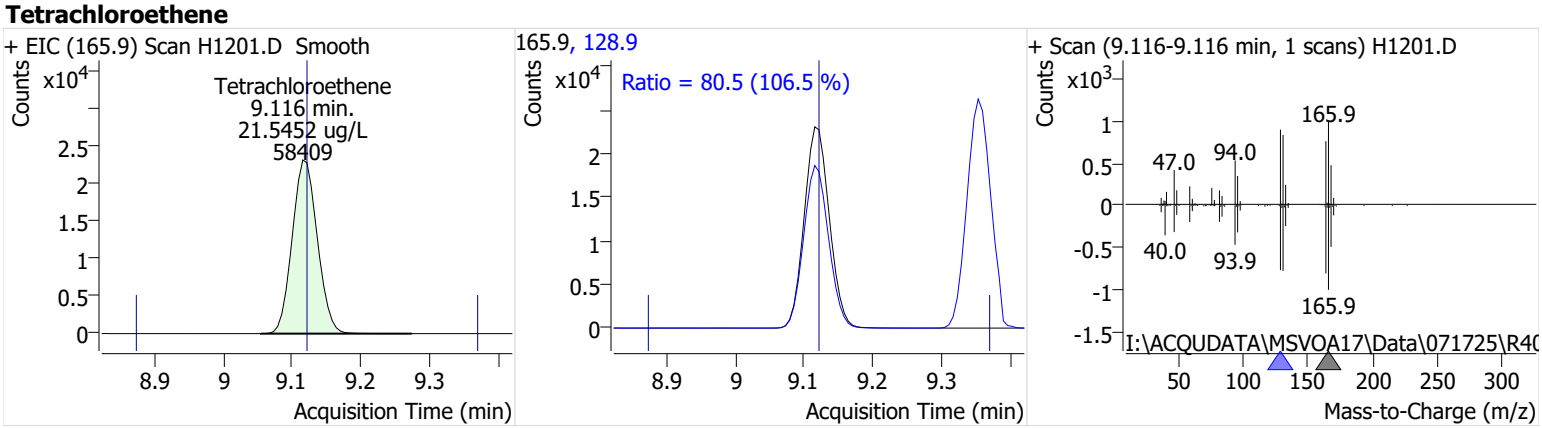
Ethyl Methacrylate



1,1,2-Trichloroethane

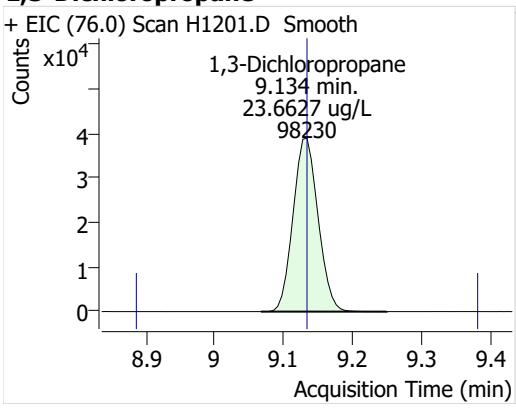


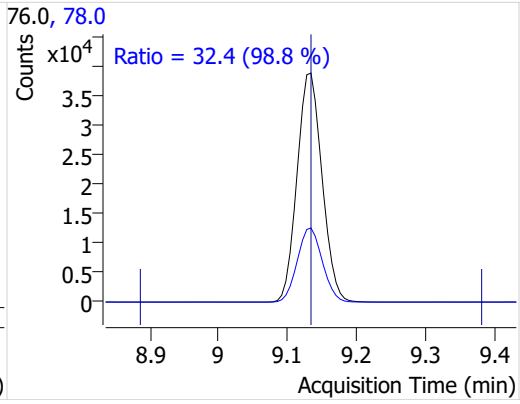
Tetrachloroethene

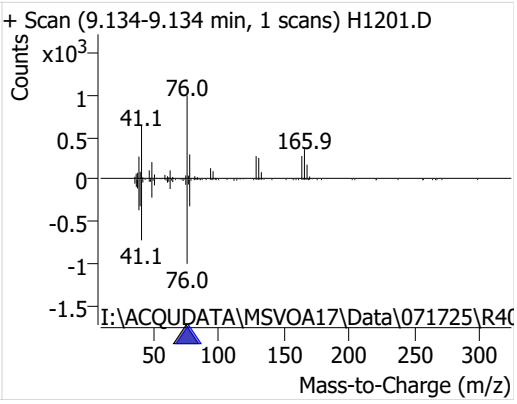


Masshunter Quantitative Analysis Sample Report

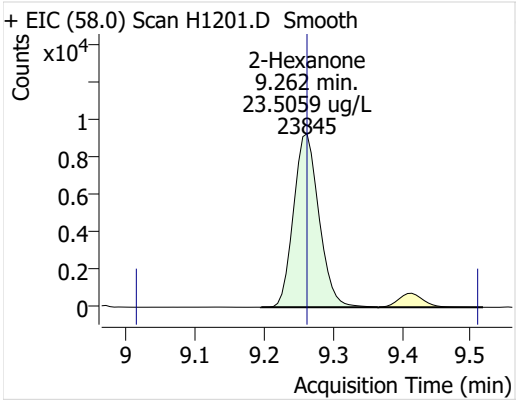
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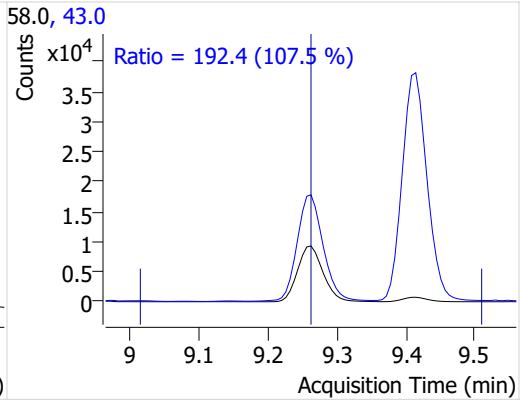


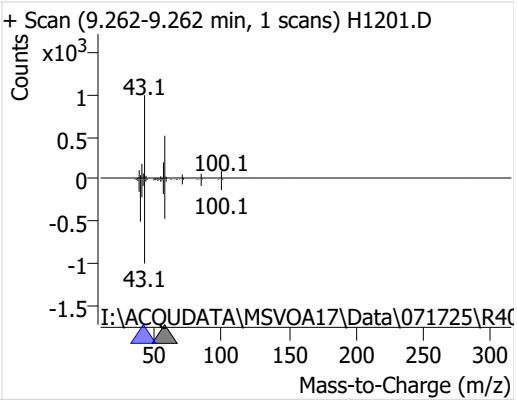




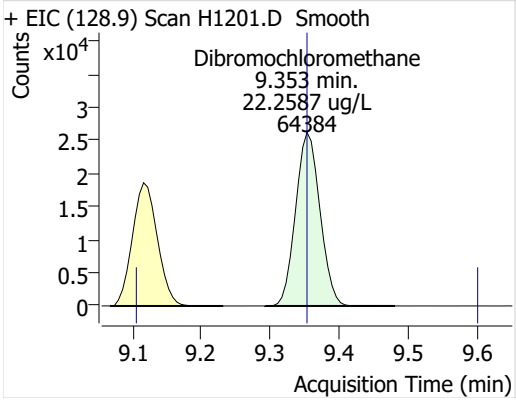
2-Hexanone

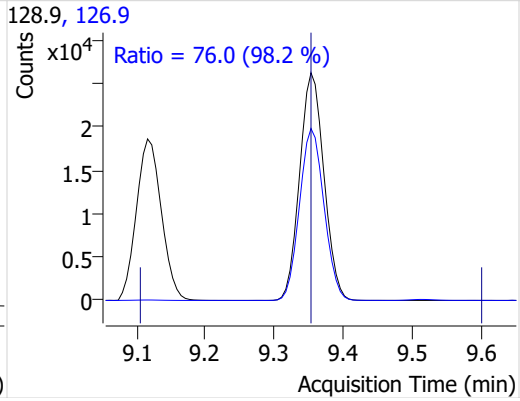


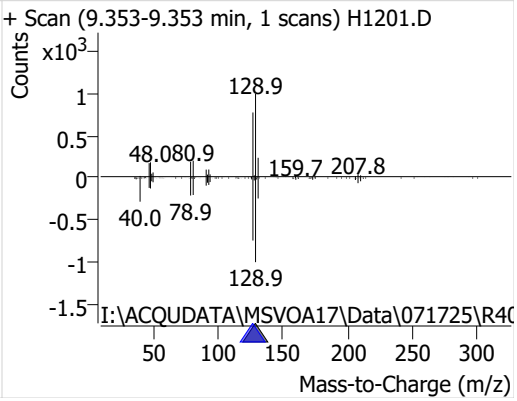




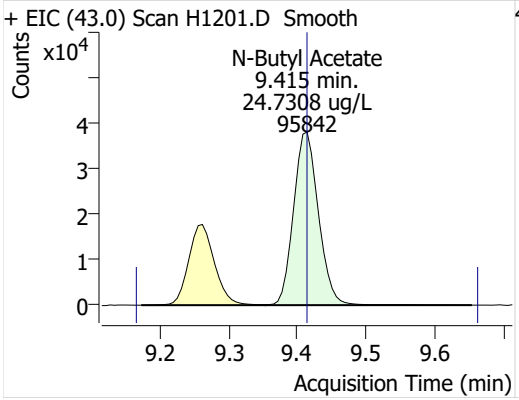
Dibromochloromethane

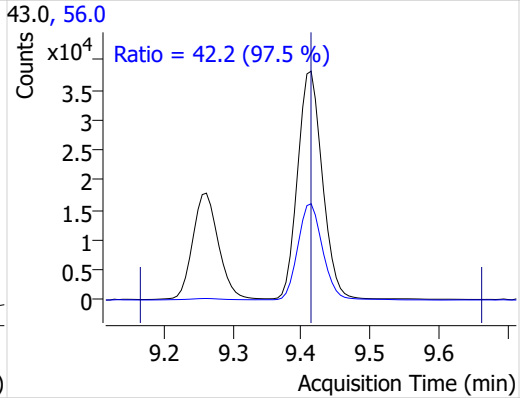


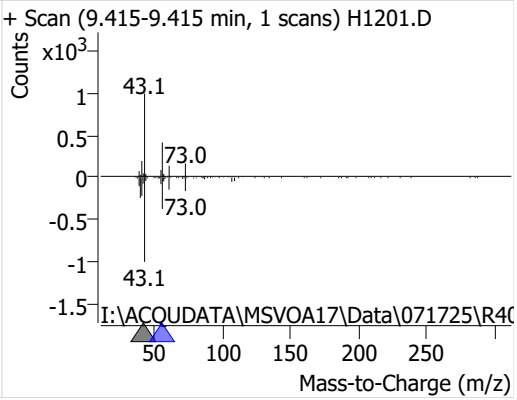




N-Butyl Acetate

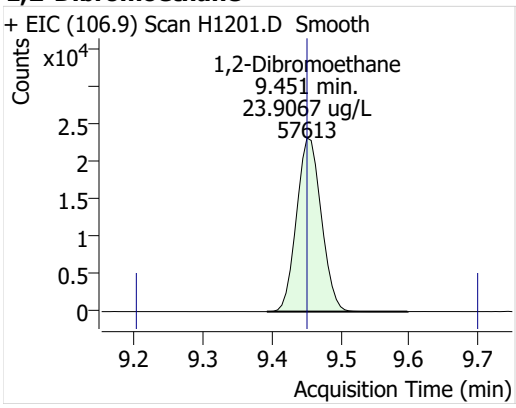


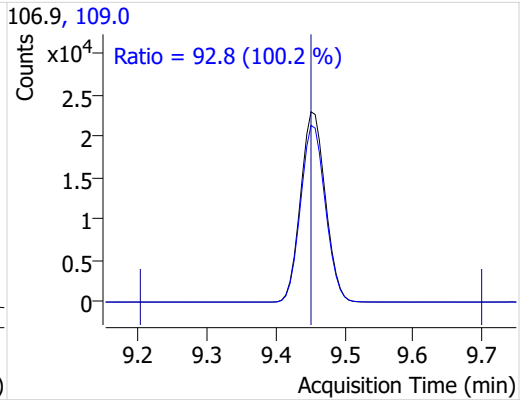


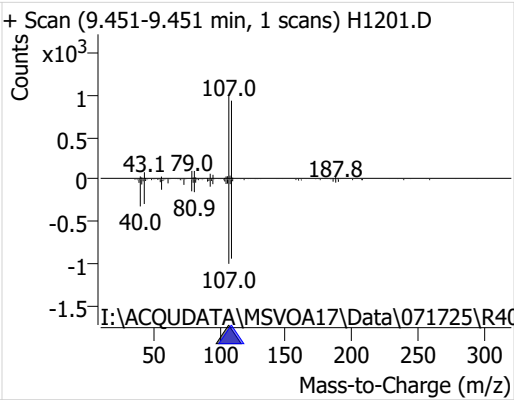


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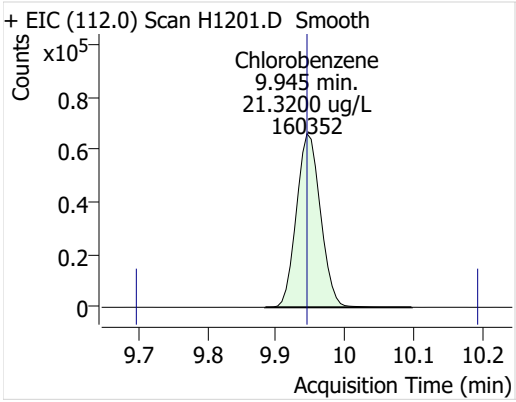
1,2-Dibromoethane

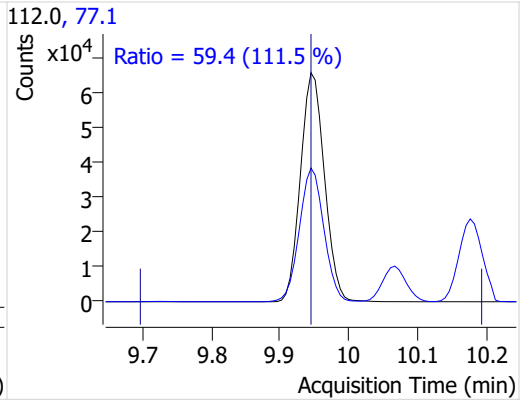


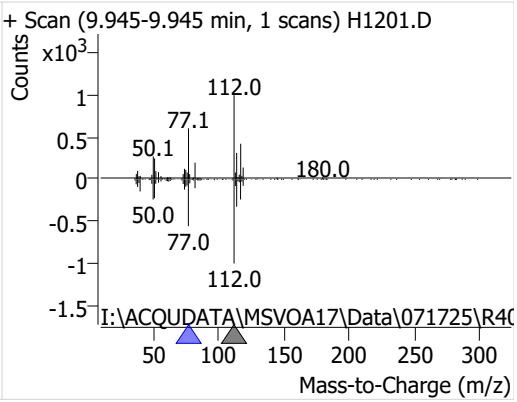




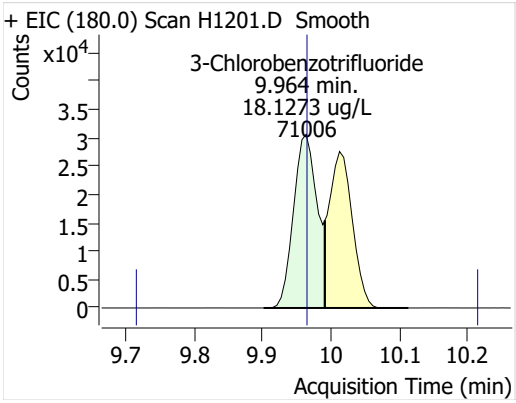
Chlorobenzene

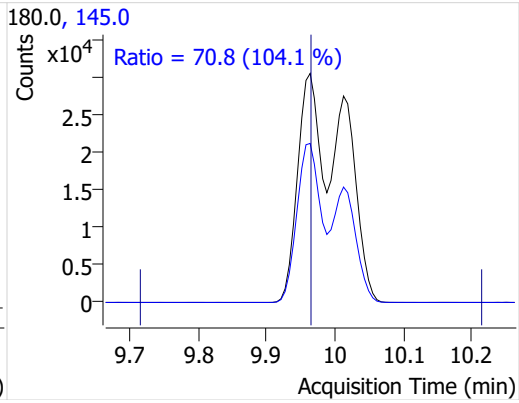


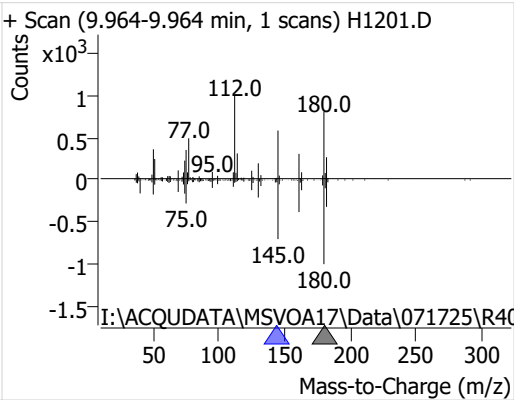




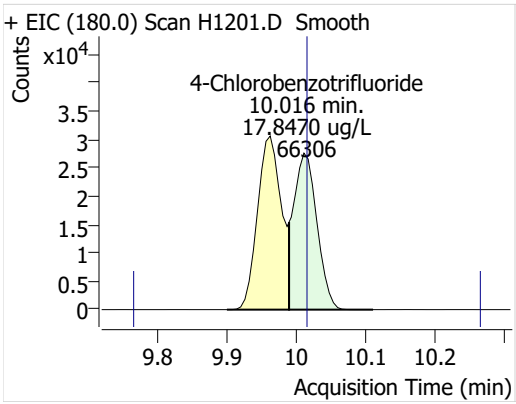
3-Chlorobenzotrifluoride

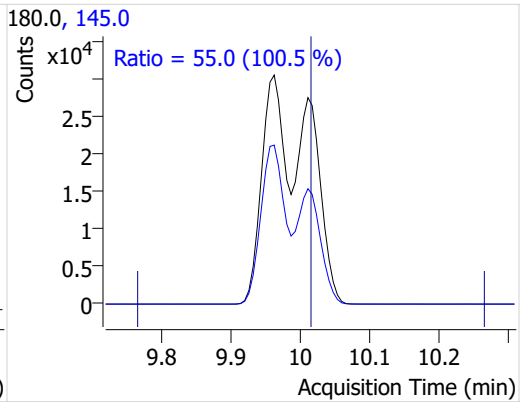


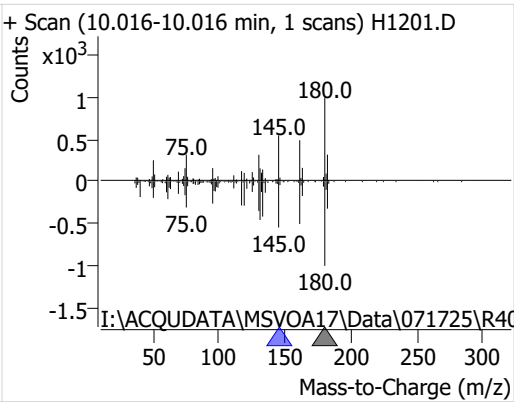




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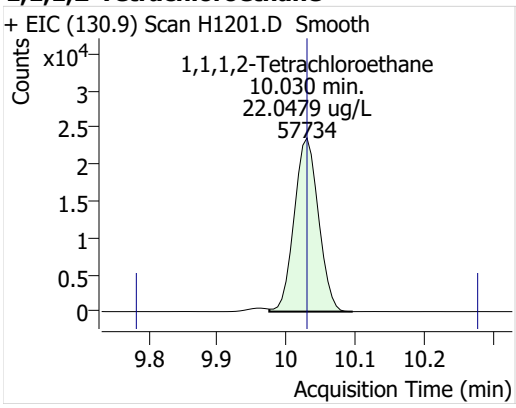


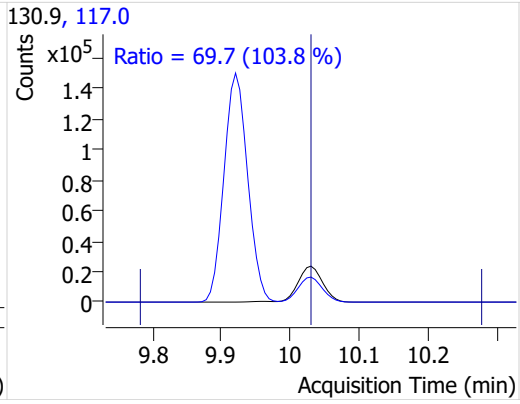


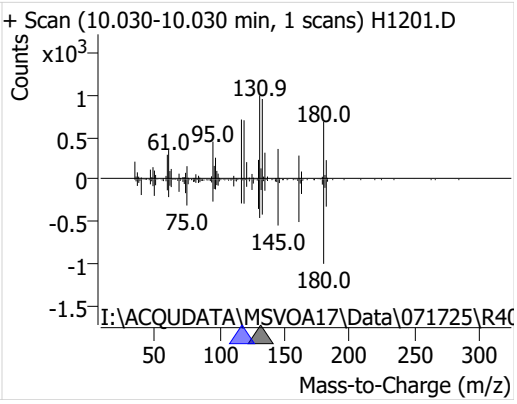


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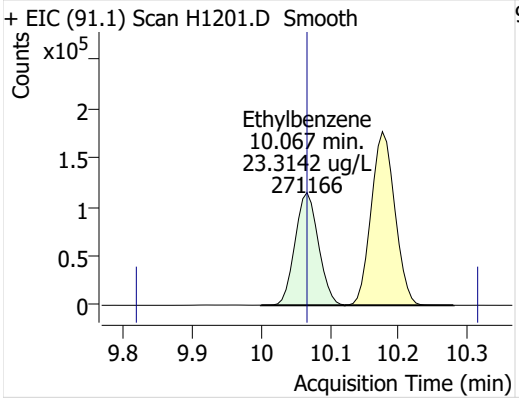
1,1,1,2-Tetrachloroethane

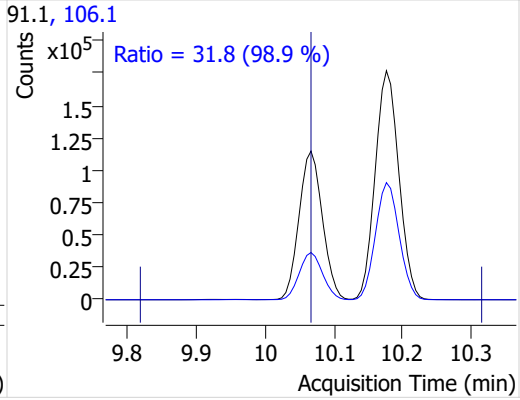


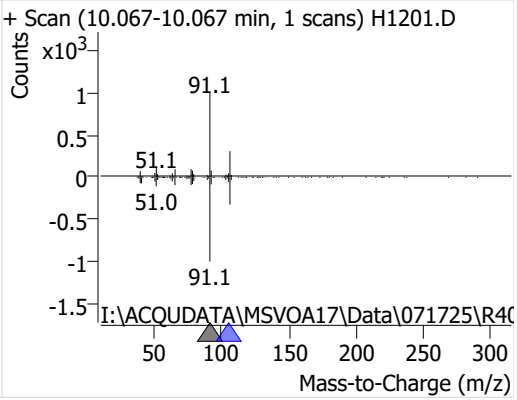




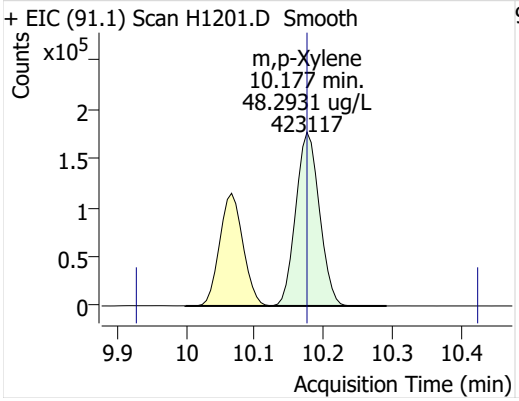
Ethylbenzene

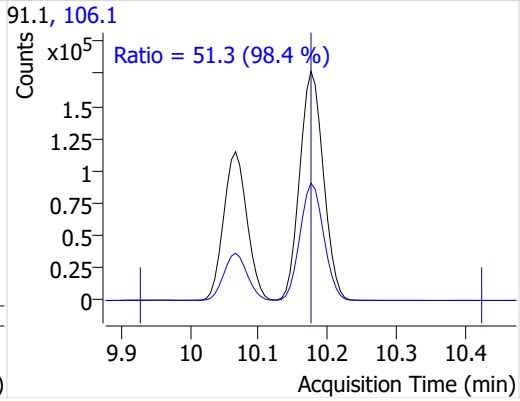


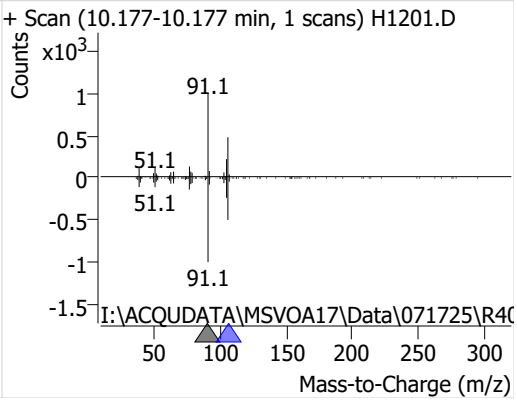




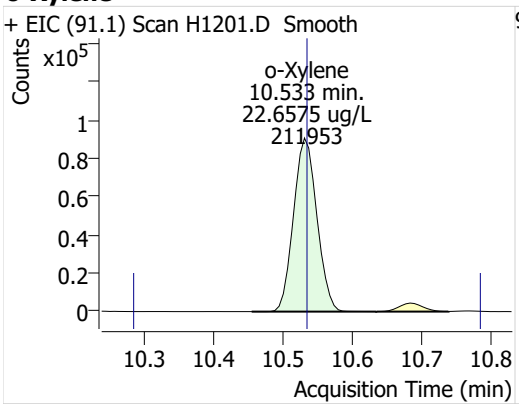
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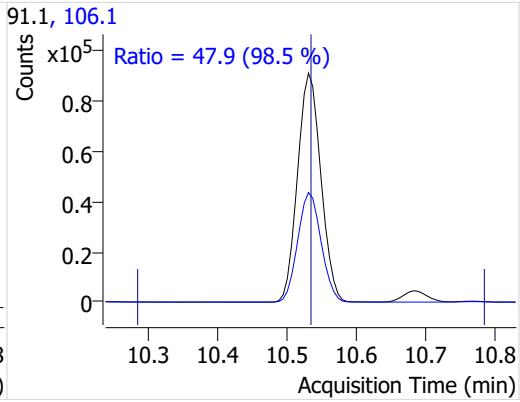


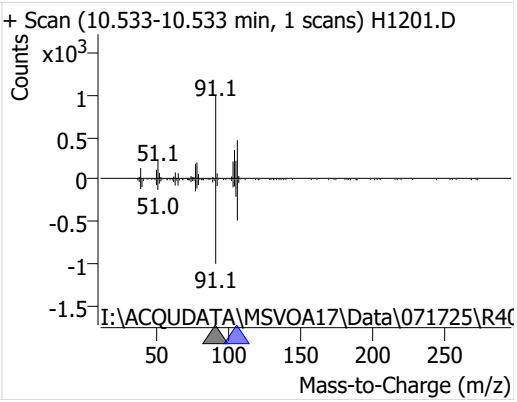




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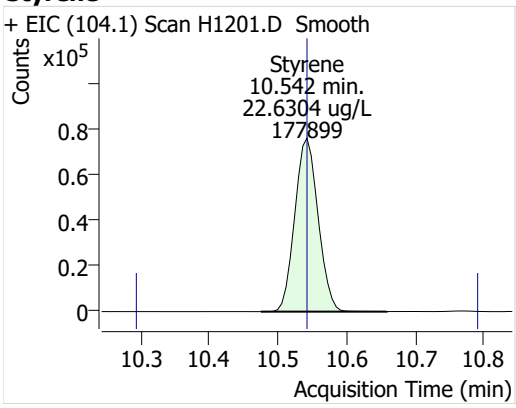


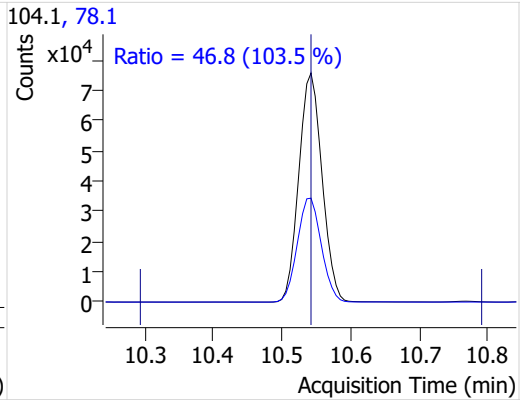


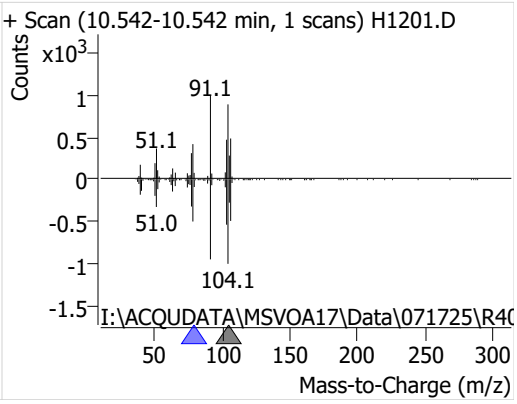


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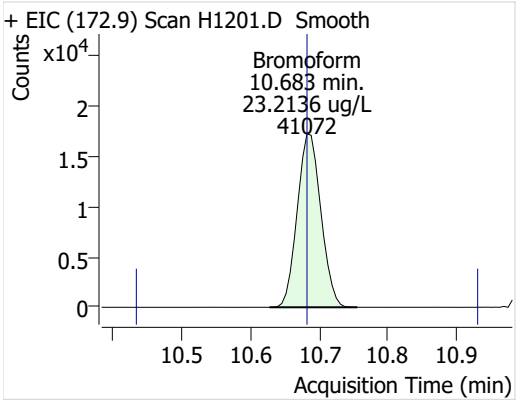
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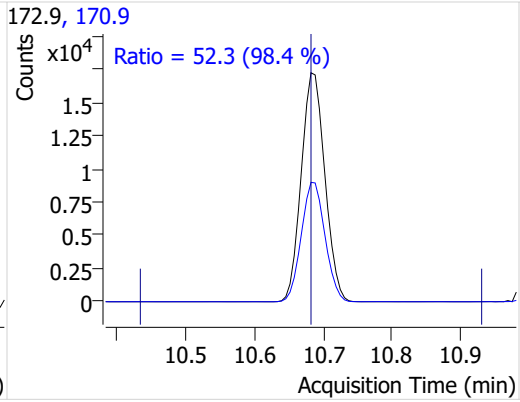


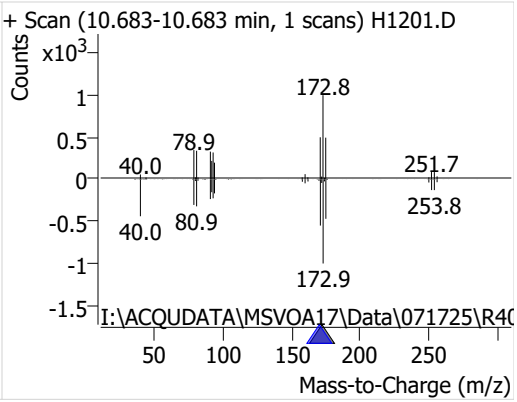




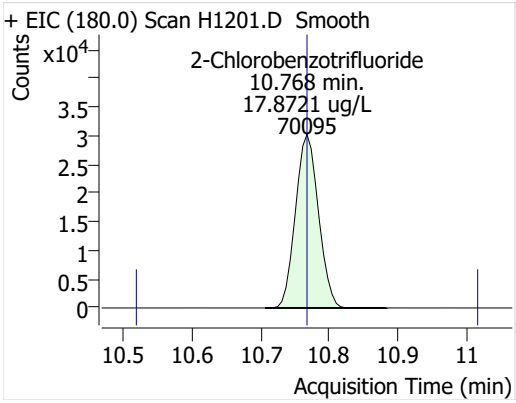
Bromoform

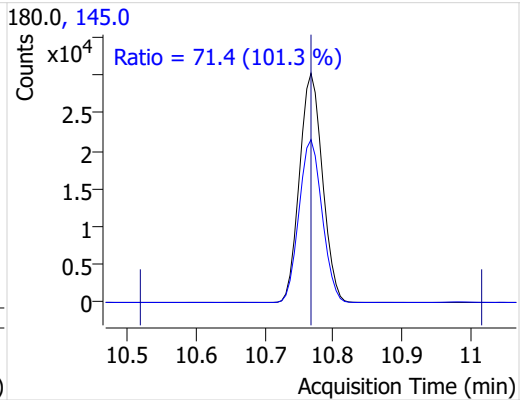


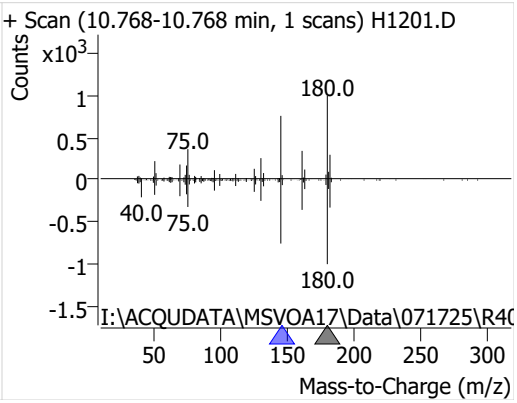




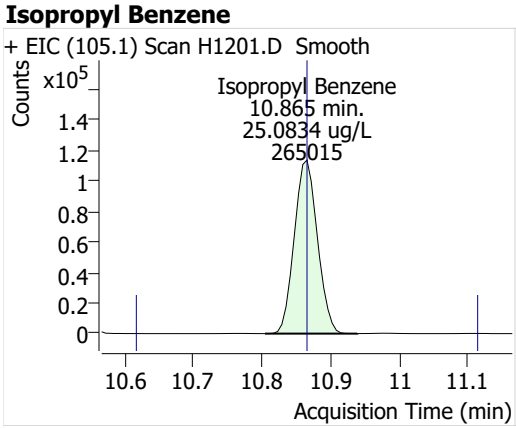
2-Chlorobenzotrifluoride

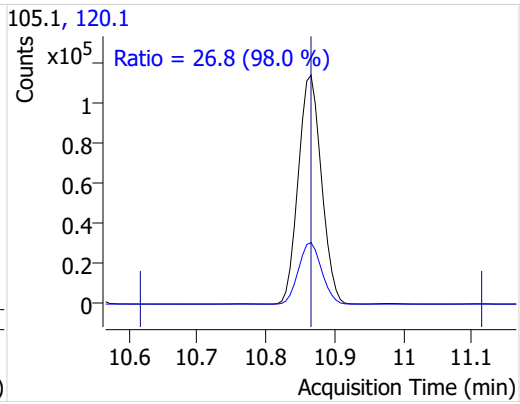


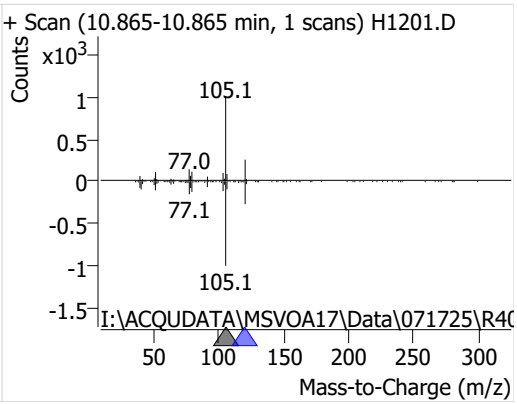




Isopropyl Benzene

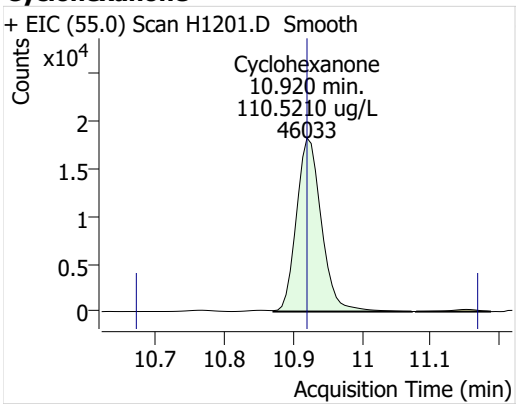


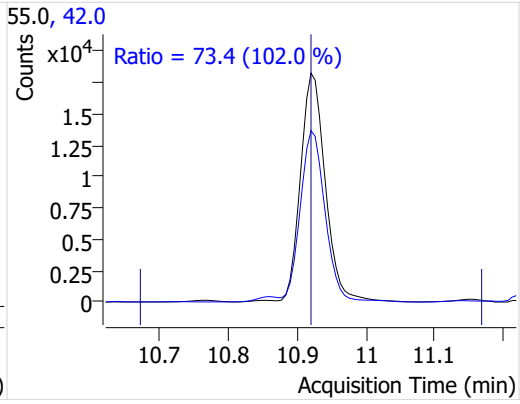


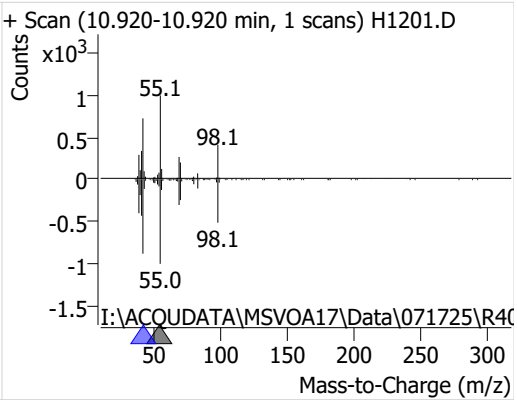


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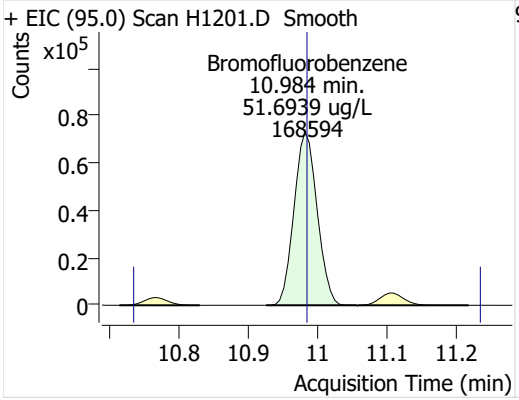
Cyclohexanone

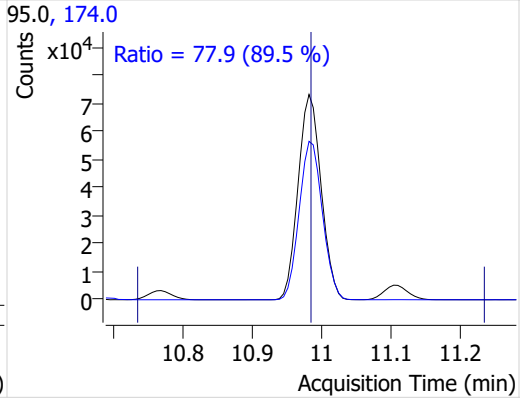


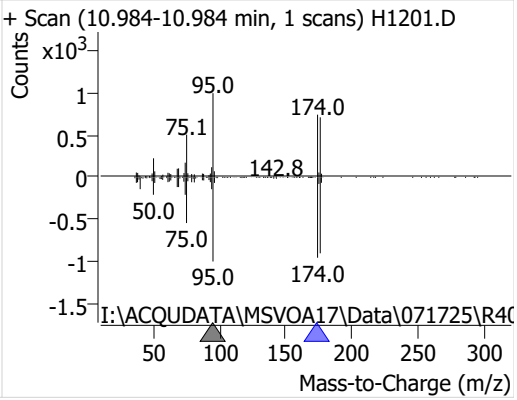




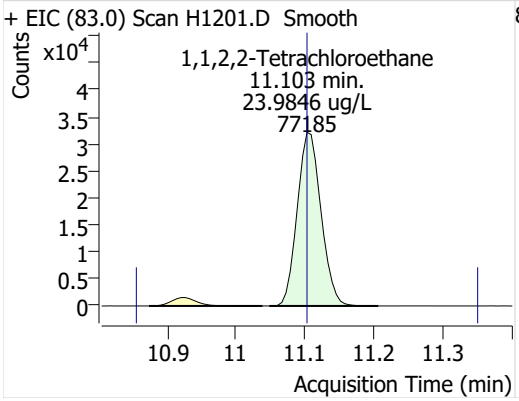
Bromofluorobenzene

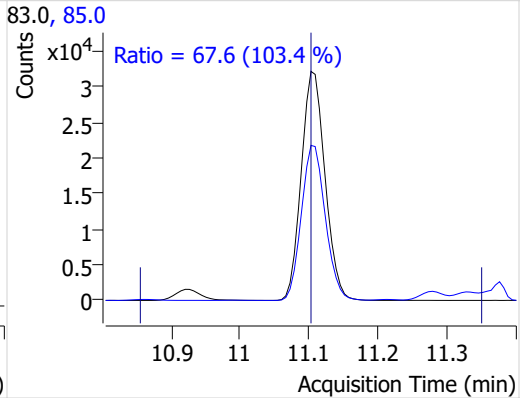


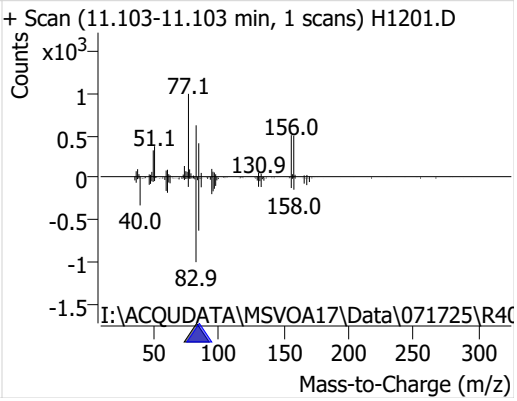




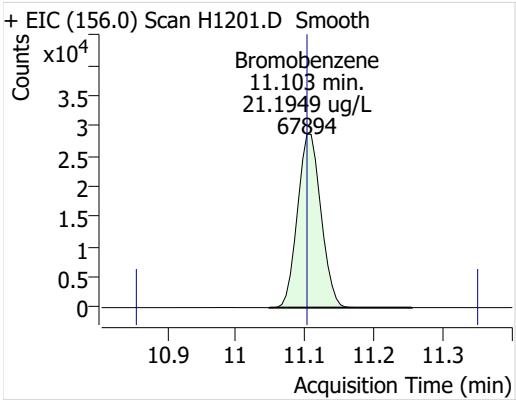
1,1,2,2-Tetrachloroethane

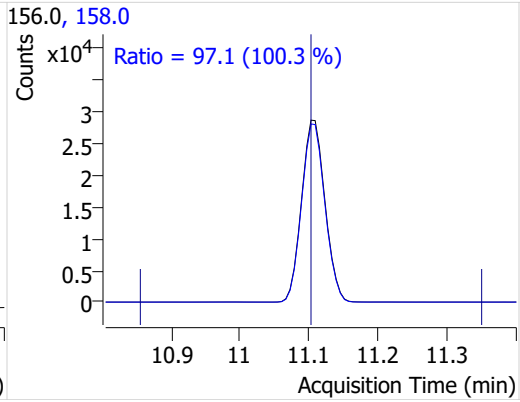


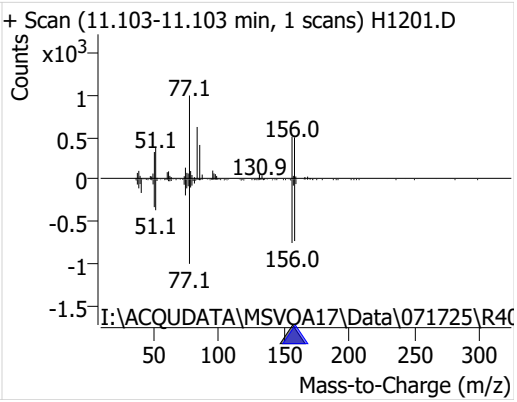




Bromobenzene

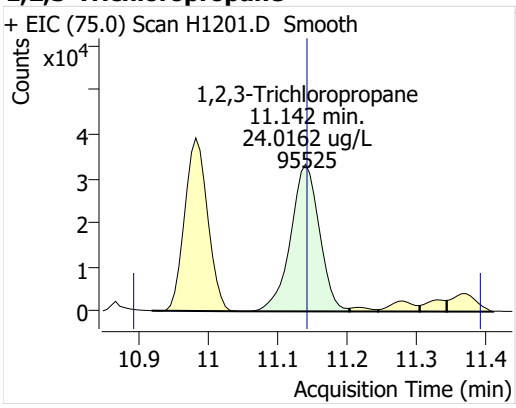


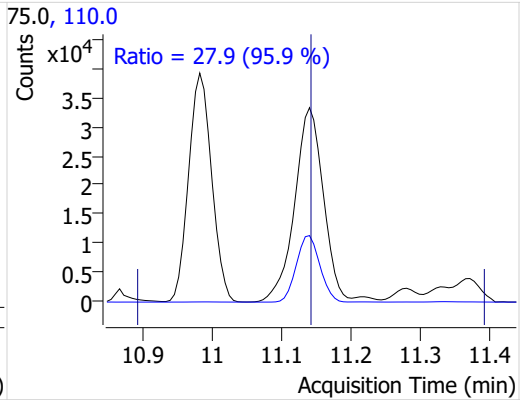


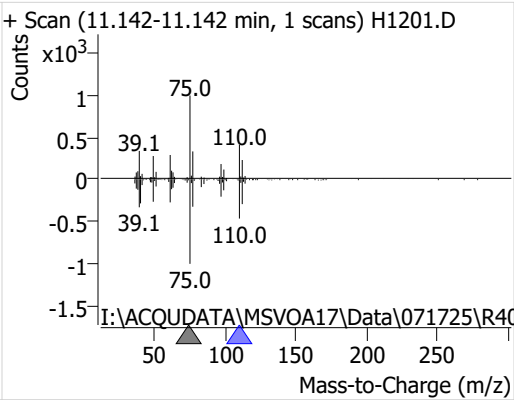


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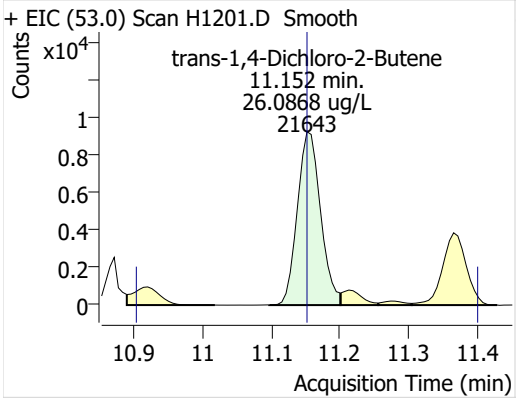
1,2,3-Trichloropropane

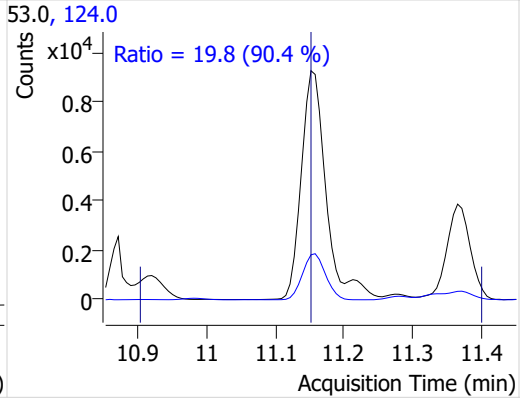


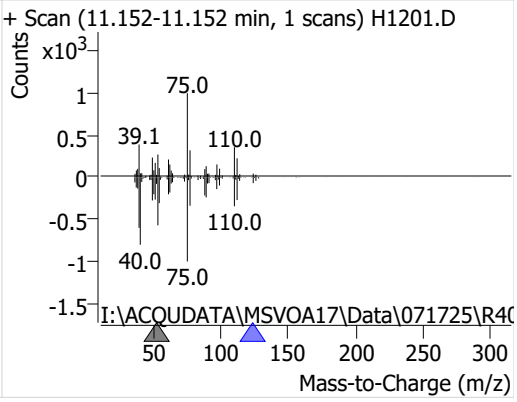




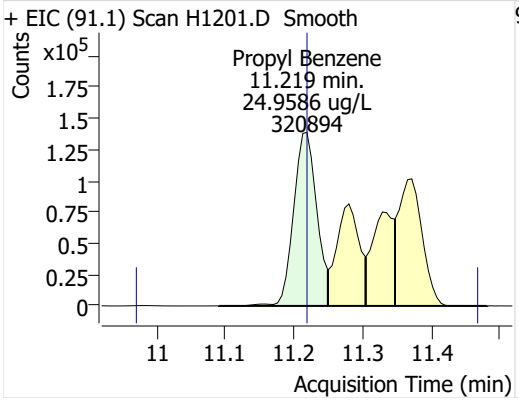
trans-1,4-Dichloro-2-Butene

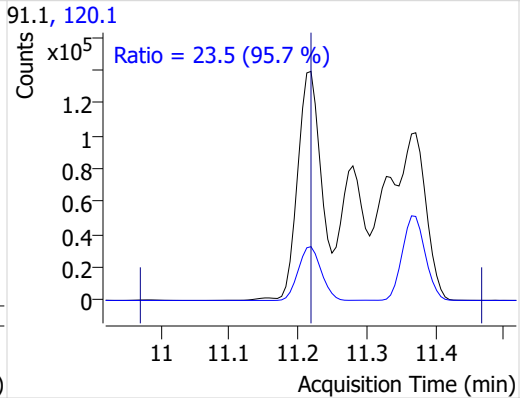


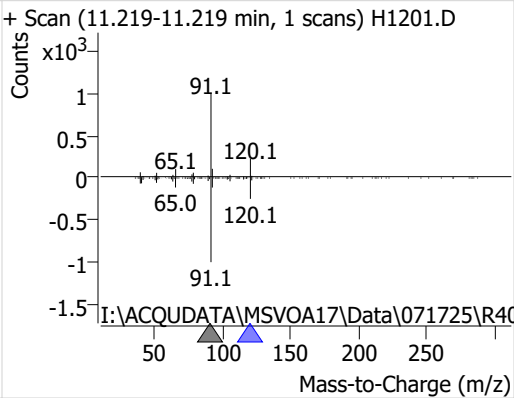




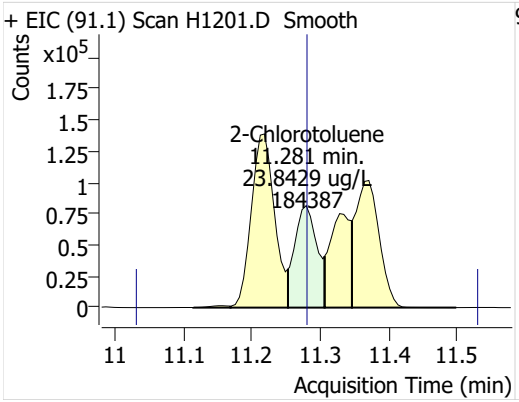
Propyl Benzene

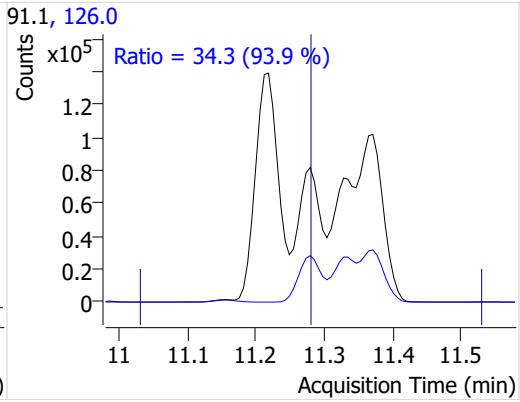


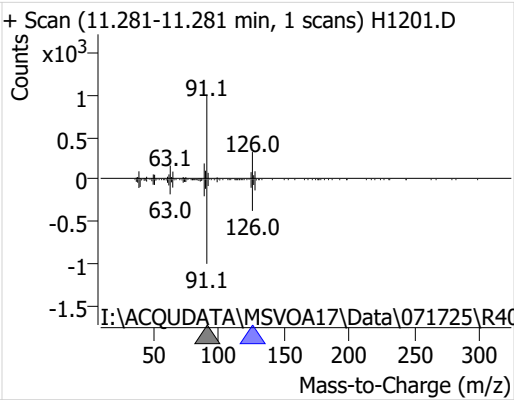




2-Chlorotoluene

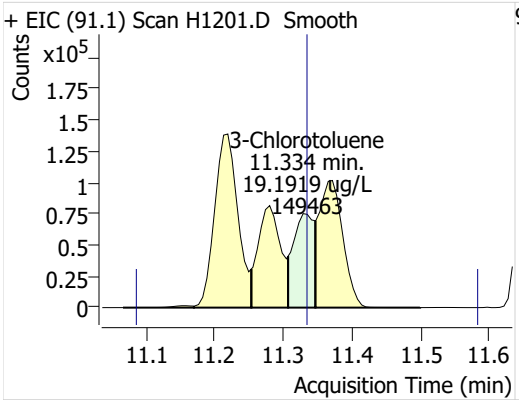


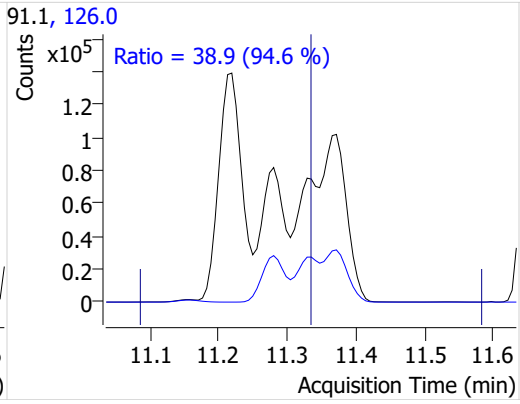


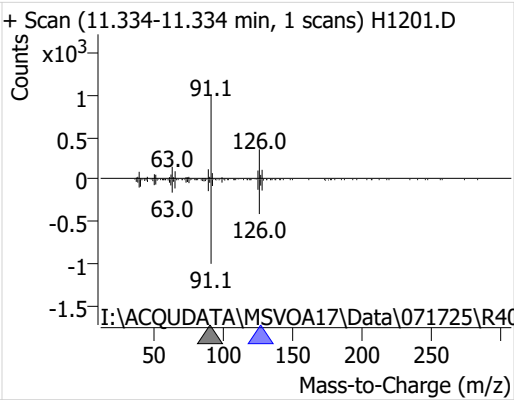


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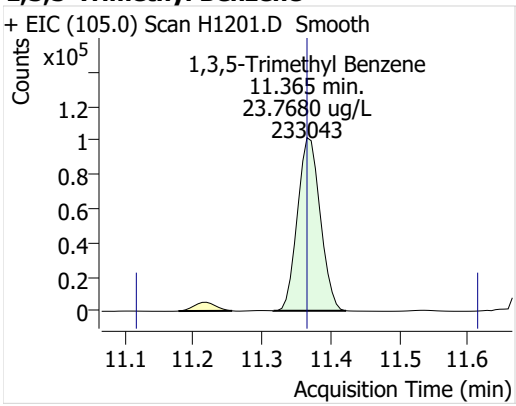
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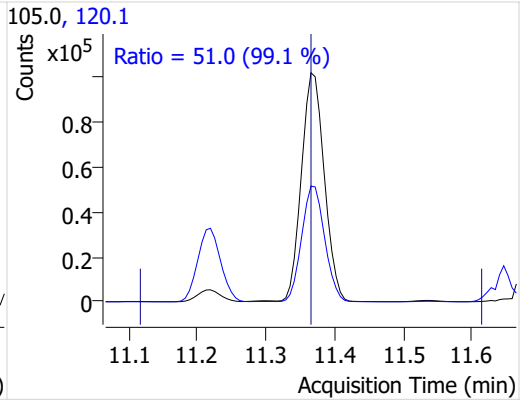


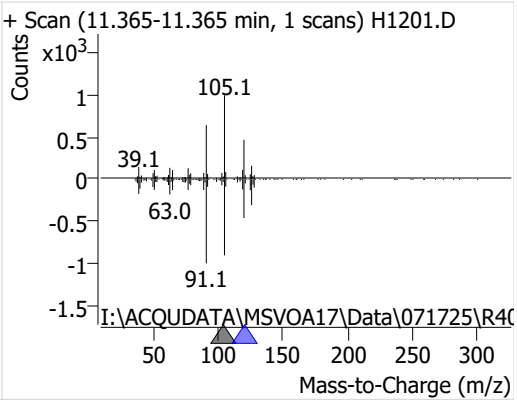




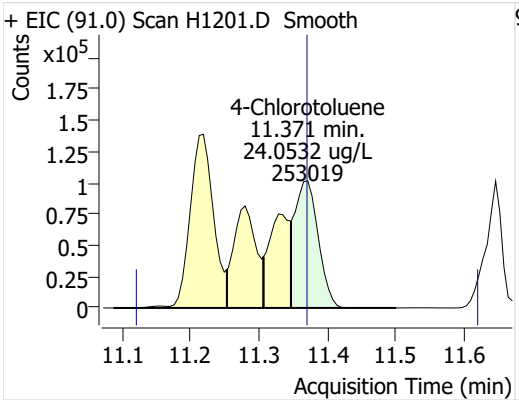
1,3,5-Trimethyl Benzene

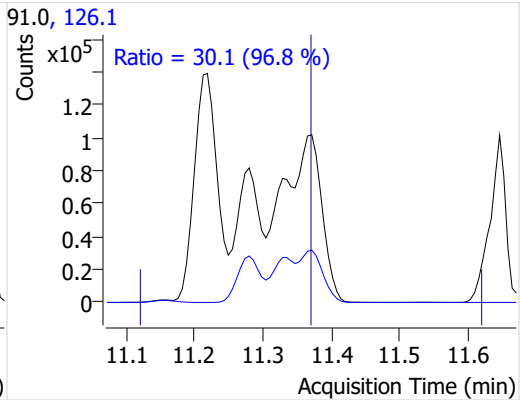


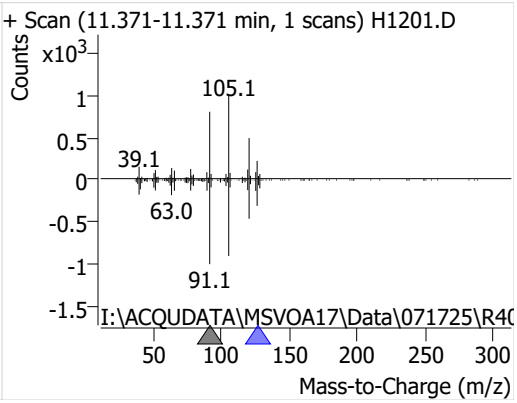




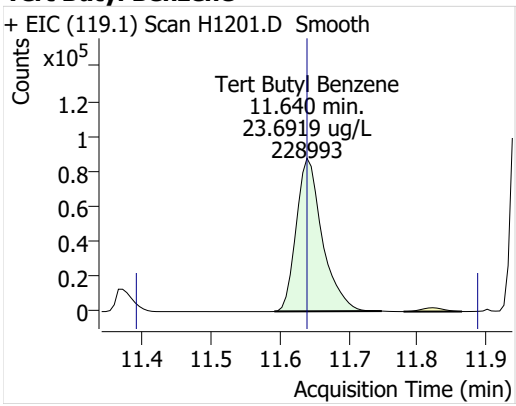
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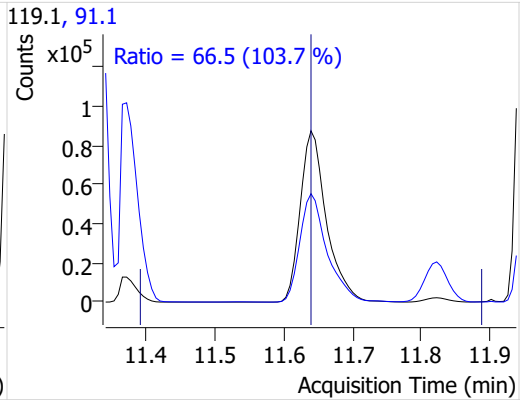


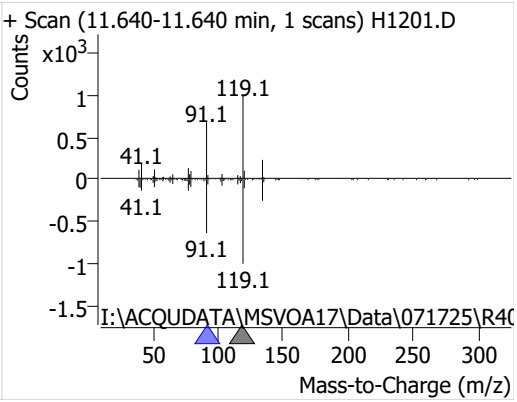




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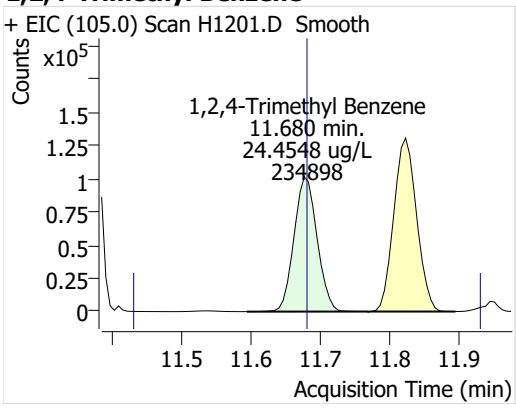


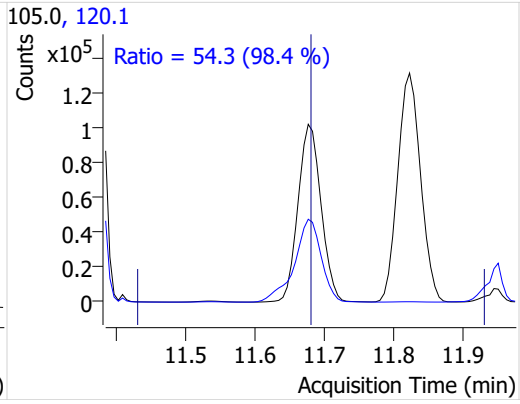


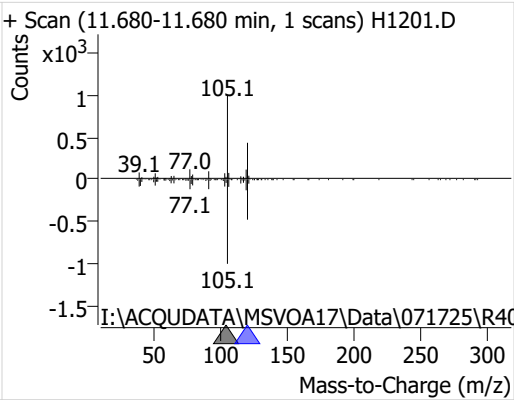


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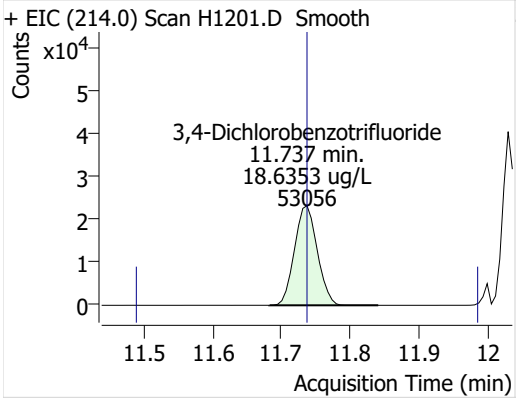
1,2,4-Trimethyl Benzene

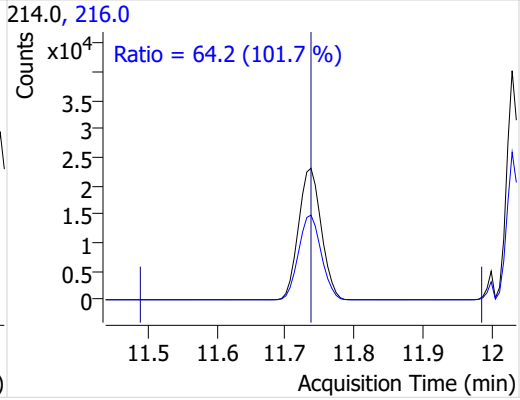


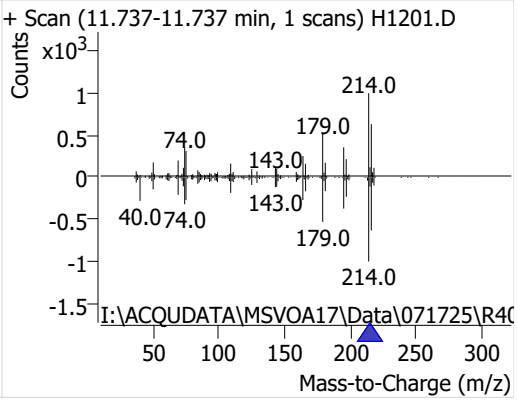




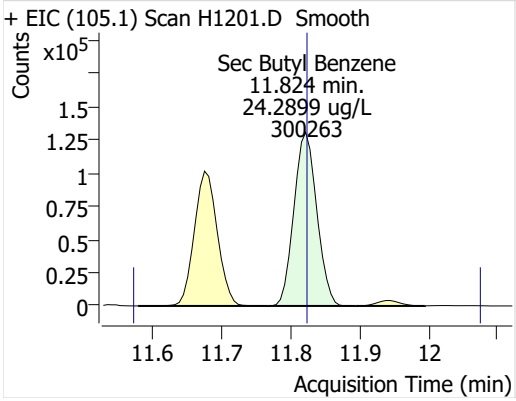
3,4-Dichlorobenzotrifluoride

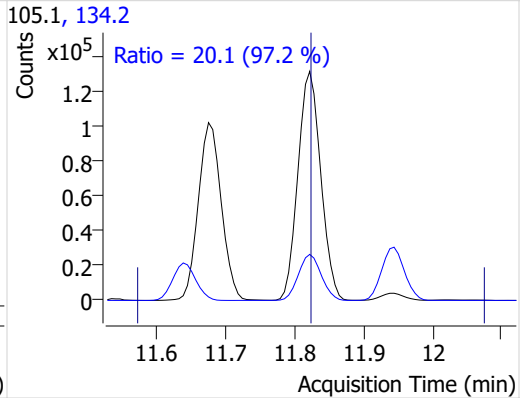


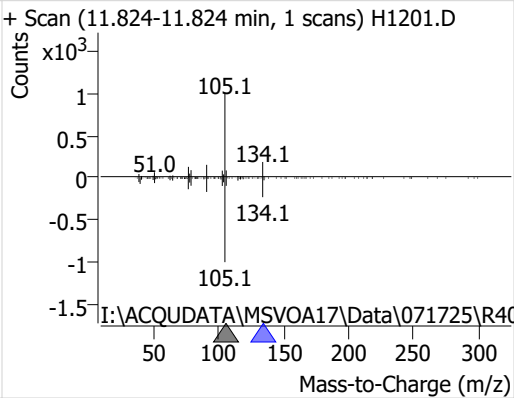




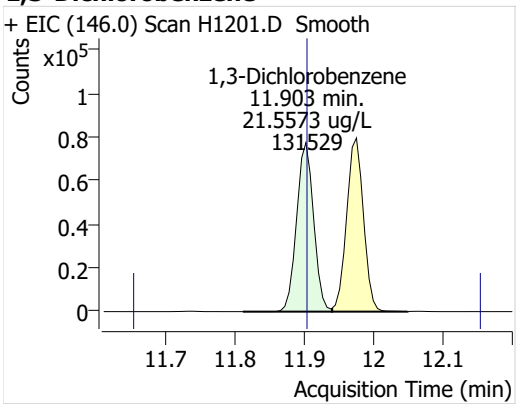
Sec Butyl Benzene

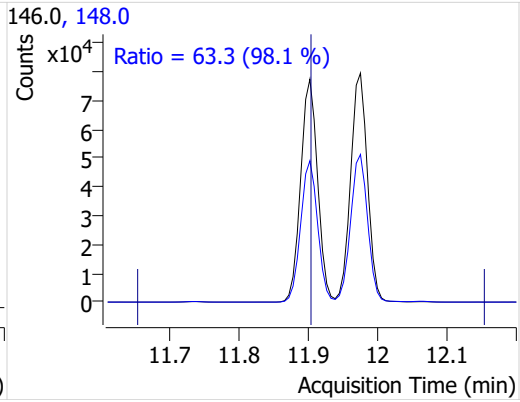


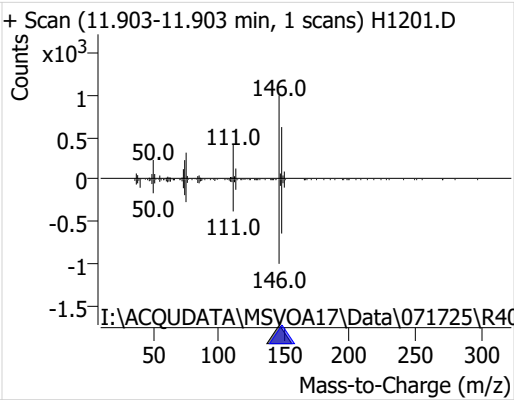




1,3-Dichlorobenzene

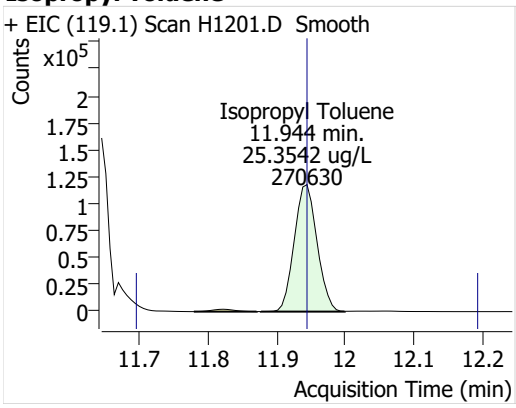


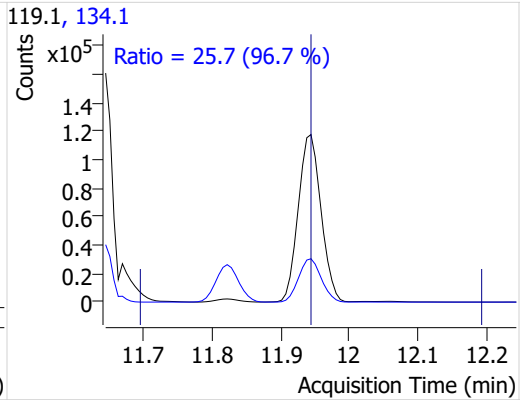


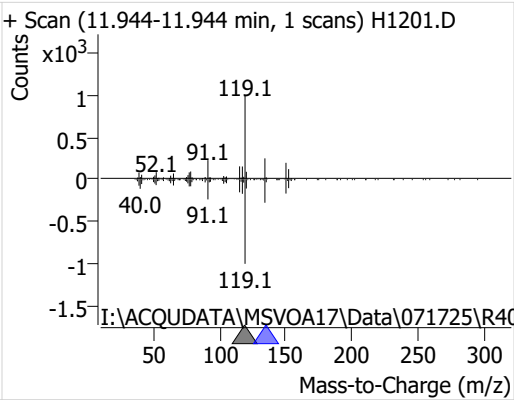


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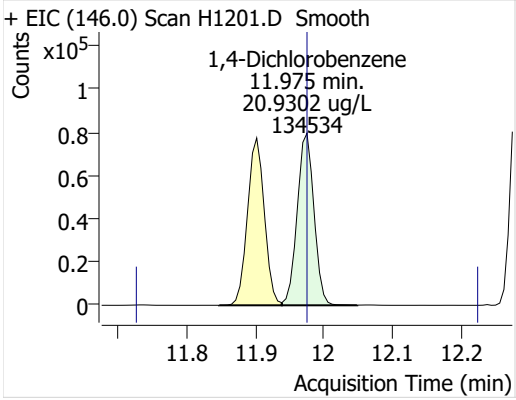
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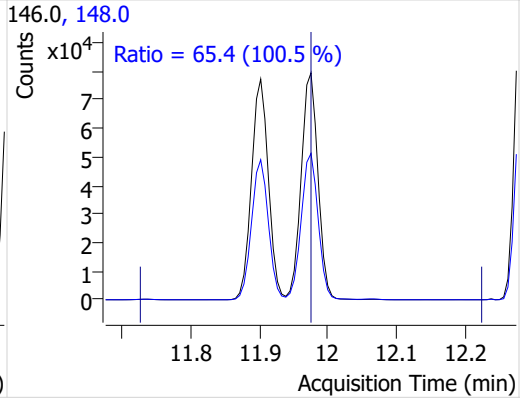


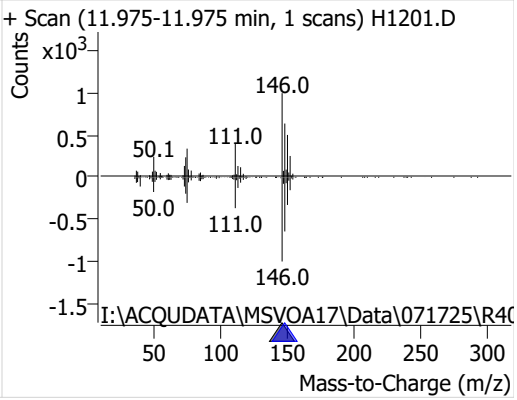




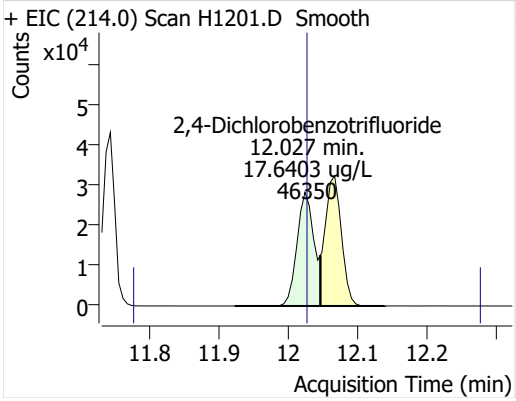
1,4-Dichlorobenzene

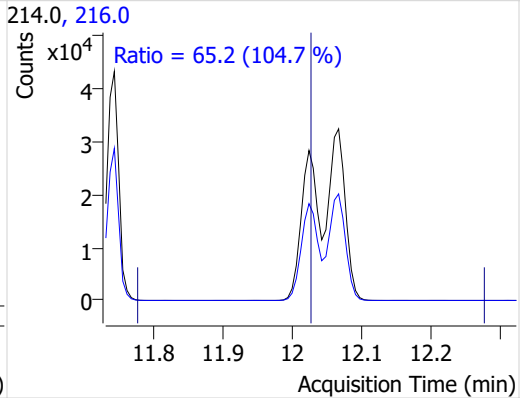


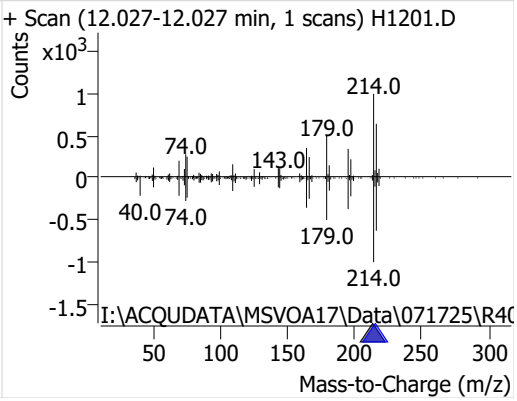




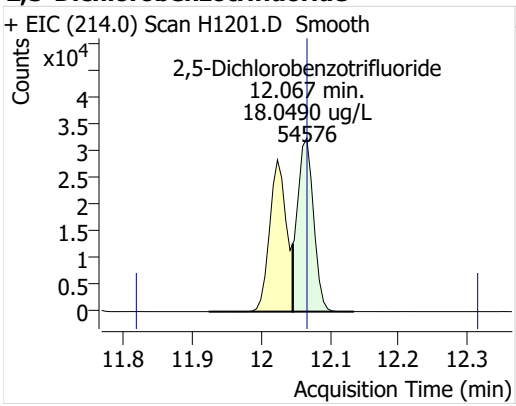
2,4-Dichlorobenzotrifluoride

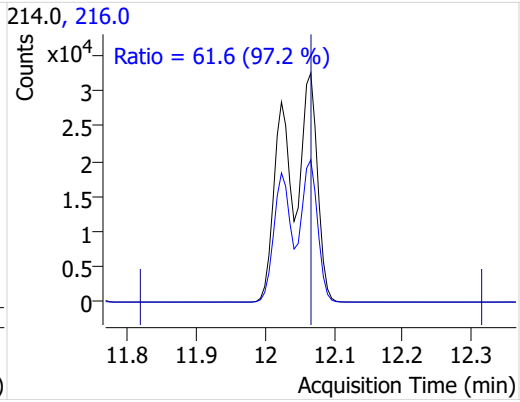


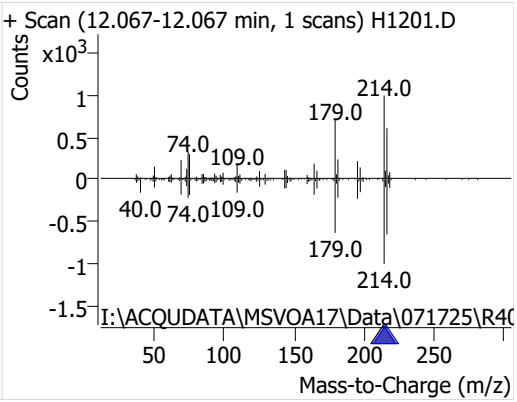




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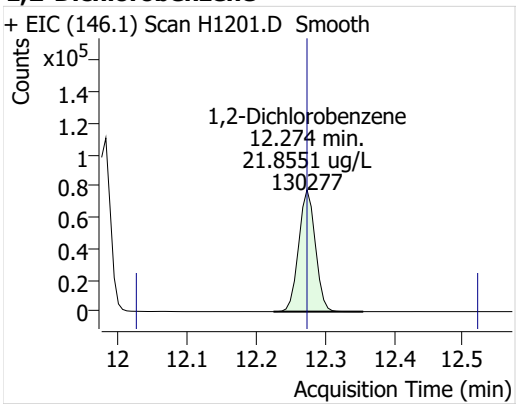


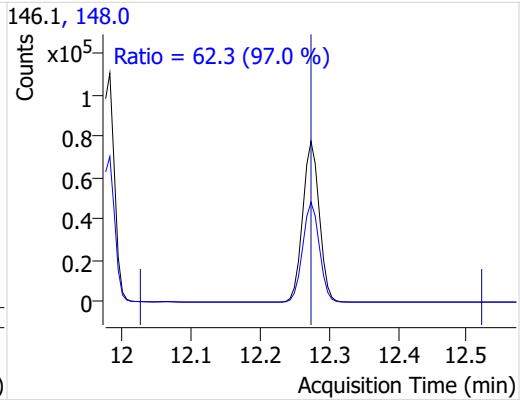


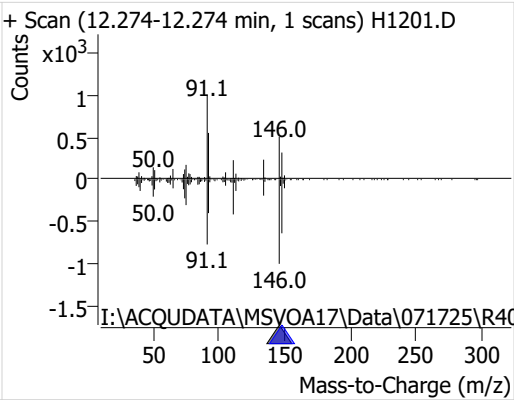


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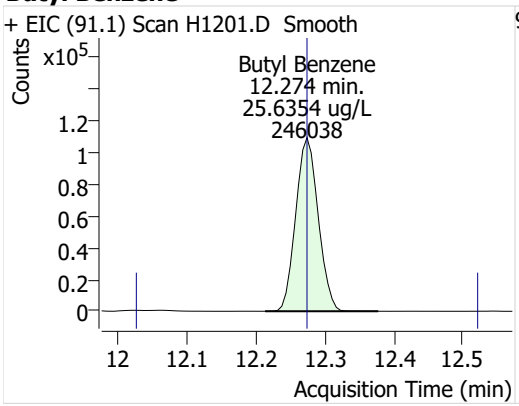
1,2-Dichlorobenzene

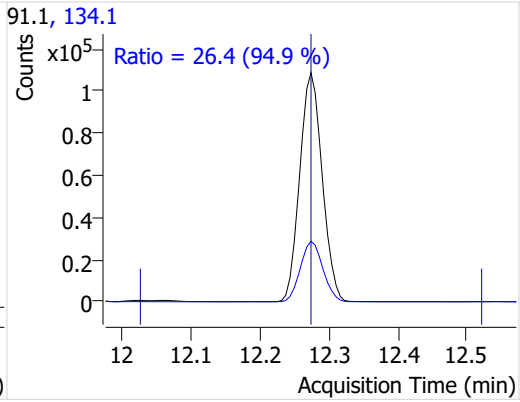


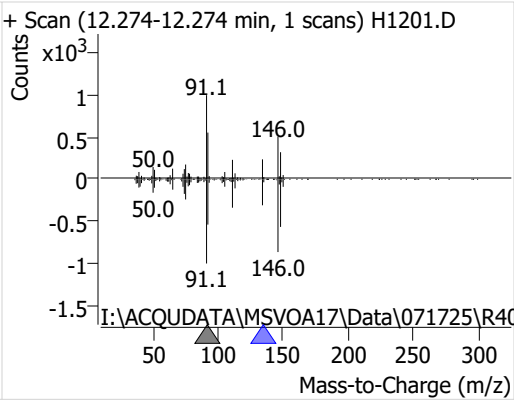




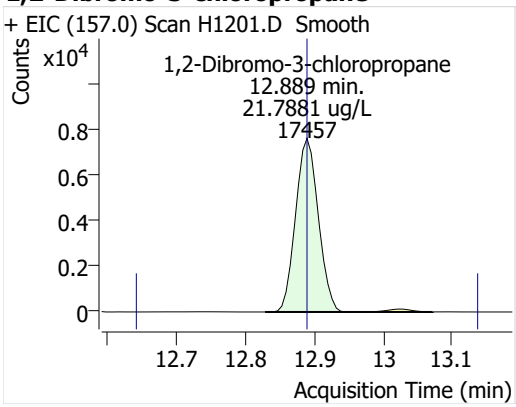
Butyl Benzene

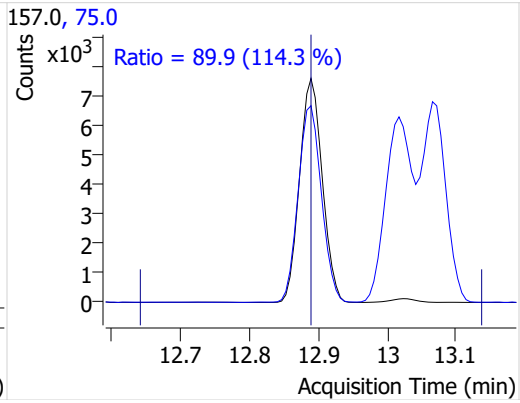


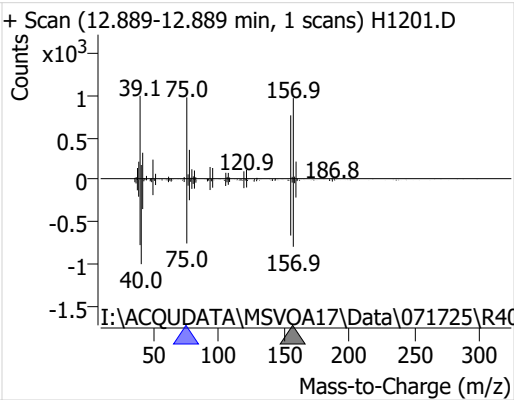




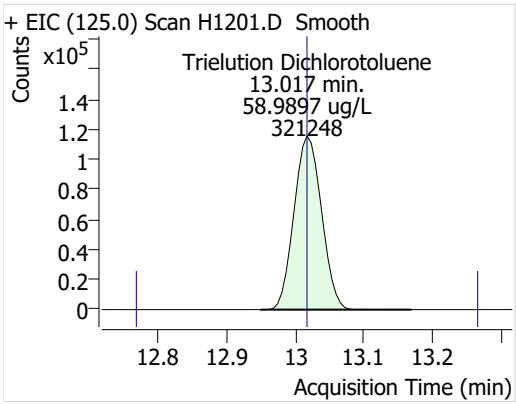
1,2-Dibromo-3-chloropropane

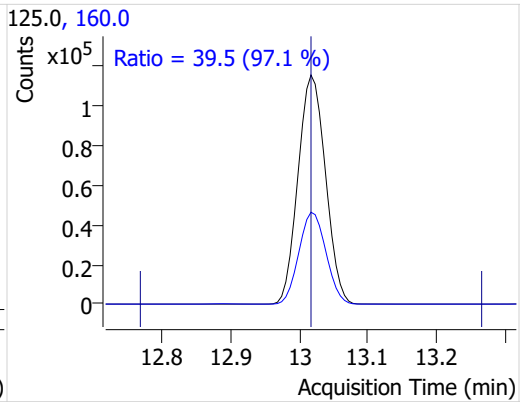


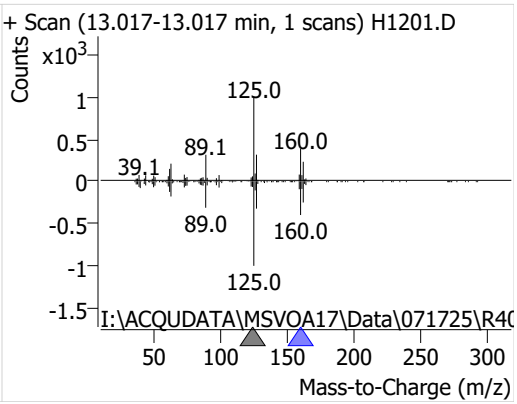




Trielution Dichlorotoluene

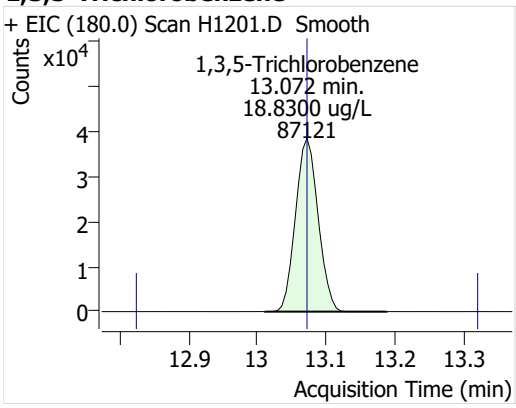


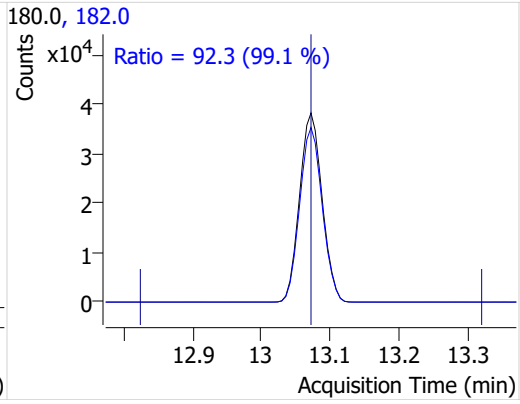


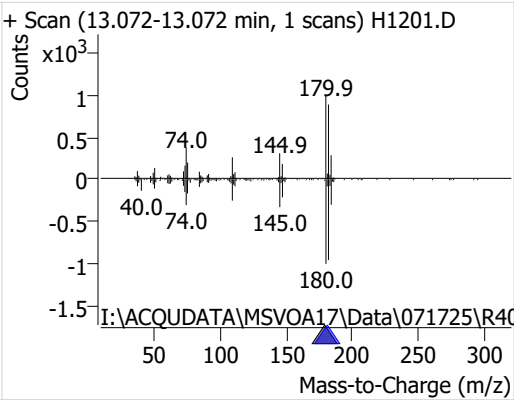


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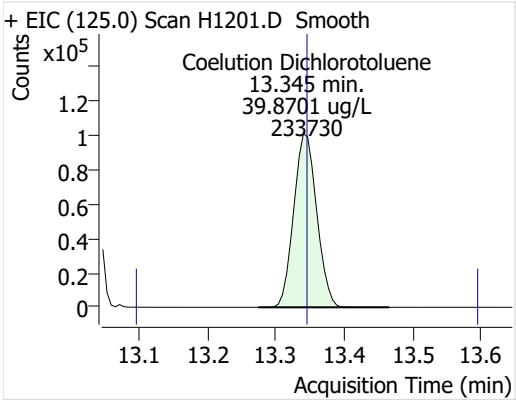
1,3,5-Trichlorobenzene

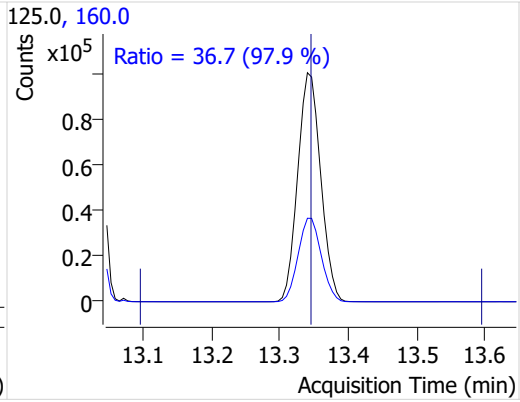


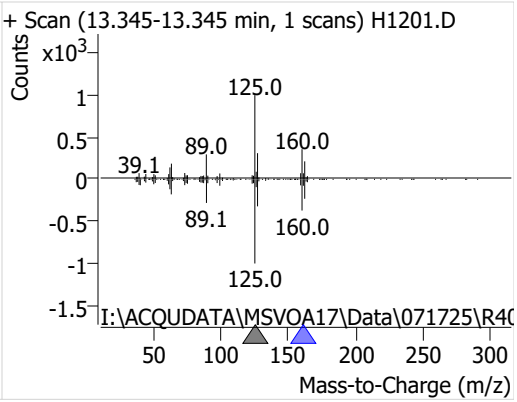




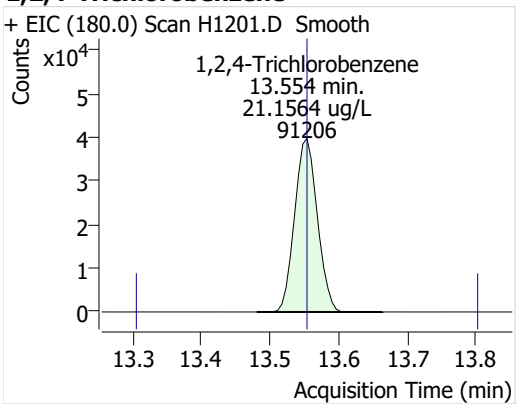
Coelution Dichlorotoluene

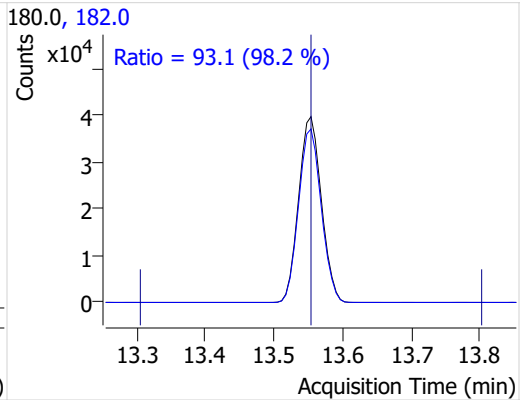


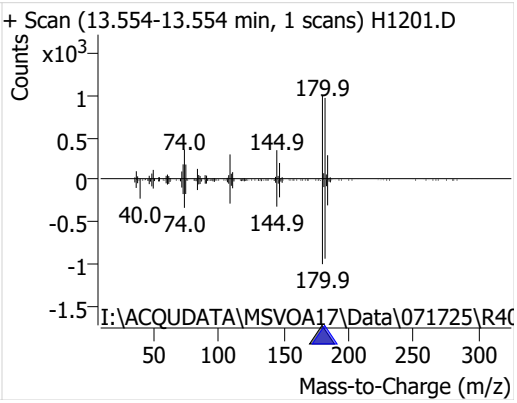




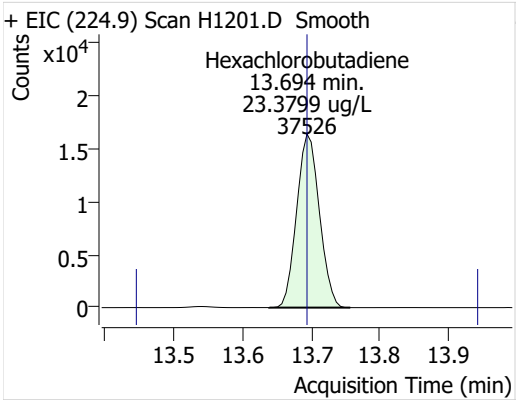
1,2,4-Trichlorobenzene

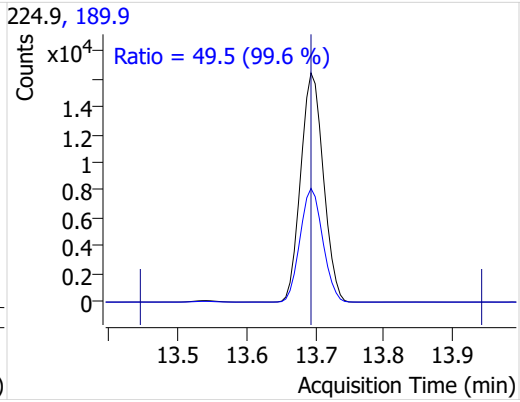


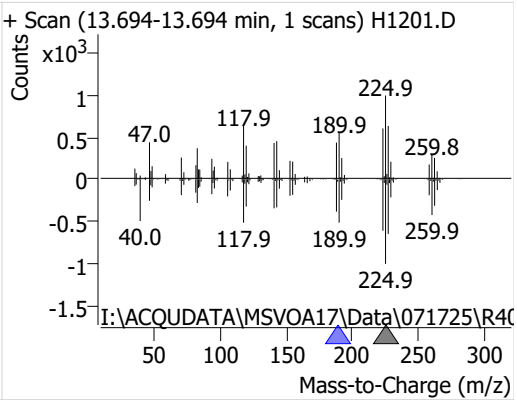




Hexachlorobutadiene

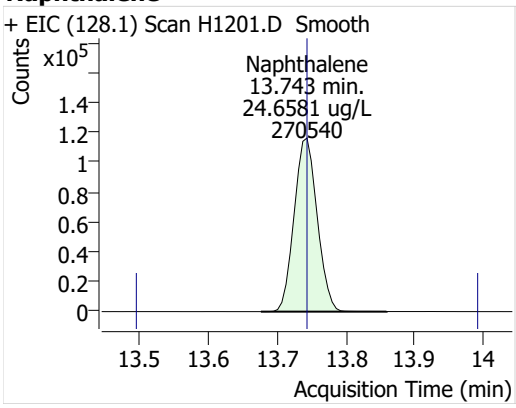


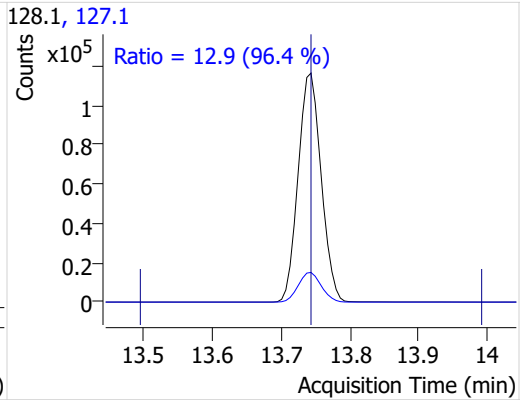


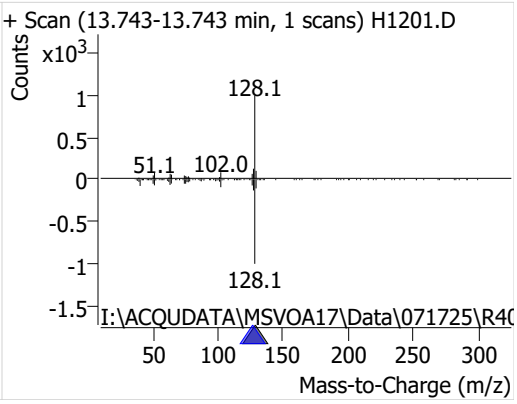


Masshunter Quantitative Analysis Sample Report

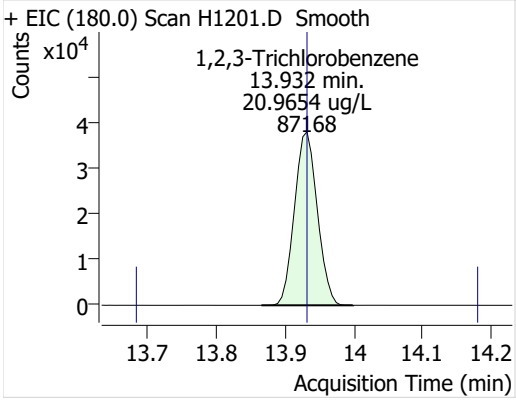
Naphthalene

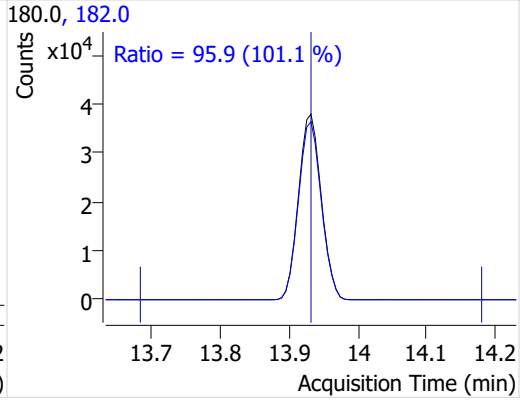


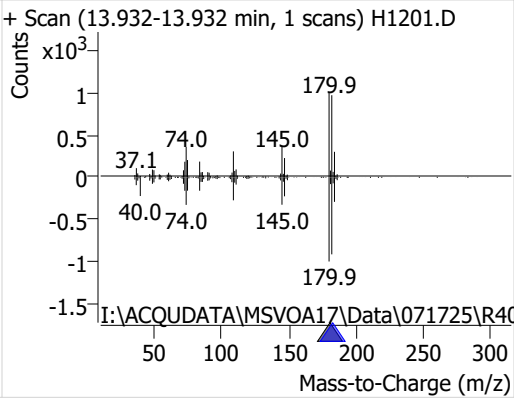




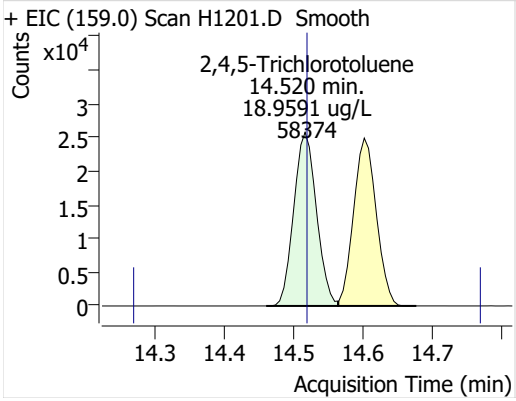
1,2,3-Trichlorobenzene

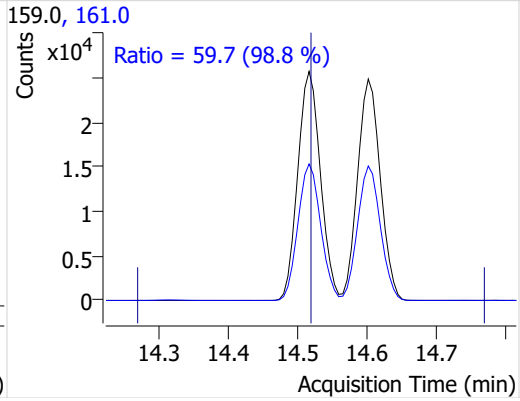


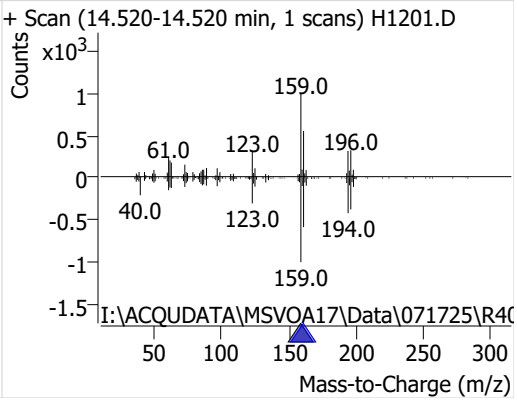




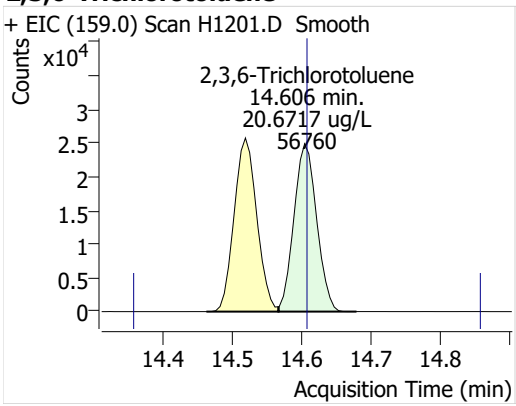
2,4,5-Trichlorotoluene

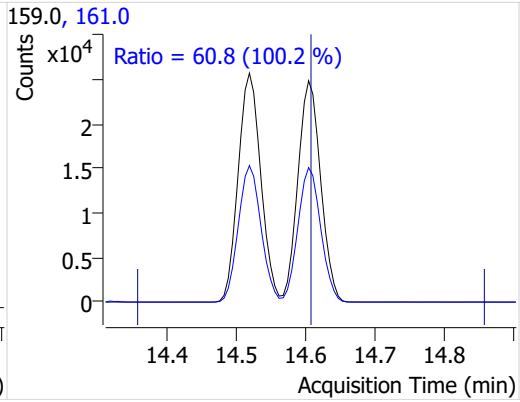


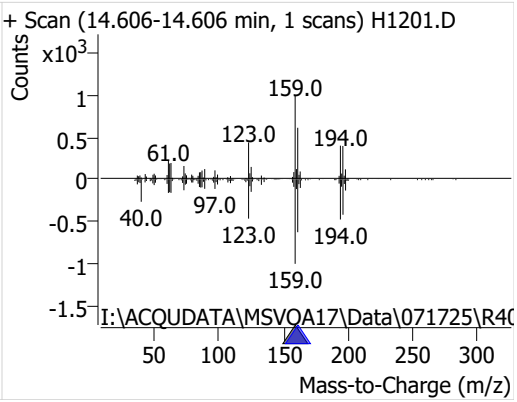




2,3,6-Trichlorotoluene





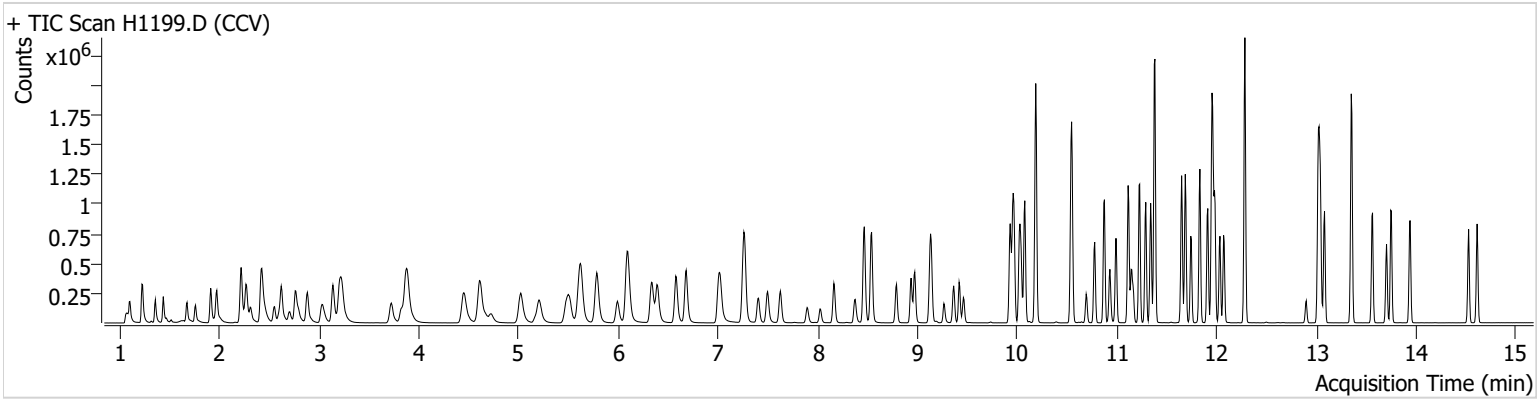


Masshunter Quantitative Analysis Sample Report

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Batch Path: I:\ACQUDATA\MSVOA16\Data\092025\QuantResults\092025.batch.bin

H1199.D

Acq. Date-Time	9/20/2025 10:06:37 AM	**Name**	CCV
Type	CC	**Acq. Method File**	8260W
Instrument Type	SingleQuadrupole	**Analyst Name**	K.Ruest
Analysis Time Stamp	9/26/2025 4:24:20 PM	**Batch State**	Processed
Report Generation Time	9/26/2025 4:24:48 PM	**Sample Reviewed**	True
Calibration Last Update	9/9/2025 11:26:09 AM	**Method**	090825 ms16 ical.batch.bin
Tune File	bfb.u	**Method Last Update**	9/26/2025 4:08:03 PM
Tune Last Update	9/8/2025 12:18:49 PM	**Instrument Name**	GCMS
Batch Name	092025.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Pentafluorobenzene	168.0	5.623	0.000	248913	50.0000	ug/L
1,4-Difluorobenzene	114.0	6.671	0.000	416924	50.0000	ug/L
Chlorobenzene-d5	117.0	9.921	0.000	369002	50.0000	ug/L
1,4-Dichlorobenzene D4	152.0	11.951	0.003	223511	50.0000	ug/L

Surrogates

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dibromofluoromethane	112.9	0.820	0.000	5.470	0.000	129241	48.0834	ug/L
Toluene-d8	98.1	1.268	0.000	8.457	0.000	520141	50.0674	ug/L
Bromofluorobenzene	95.0	0.919	0.000	10.984	0.006	181614	50.4985	ug/L
1,1,2-dichloroethane-d4	65.0	0.897	0.001	5.982	0.006	167995	54.1508	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Dichlorodifluoromethane	85.000	0.216	0.000	1.215	0.000	156051	51.1443	ug/L
Chlorodifluoromethane	51.000	0.217	0.000	1.221	0.000	168345	55.5498	ug/L
Chloromethane	50.100	0.241	0.000	1.352	0.001	155032	55.8371	ug/L
Vinyl Chloride	62.000	0.254	0.000	1.428	0.000	164478	50.5953	ug/L
Bromomethane	94.000	0.297	0.000	1.669	0.001	94684	38.2198	ug/L
Chloroethane	64.000	0.312	0.000	1.754	0.001	110682	46.4678	ug/L
Fluorodichloromethane	67.000	0.339	0.000	1.908	0.001	248619	50.7152	ug/L
Trichlorofluoromethane	101.000	0.349	0.000	1.965	0.000	212797	47.9385	ug/L
Freon 123a	117.000	0.393	0.000	2.211	0.001	121049	45.7560	ug/L
Diethyl Ether	59.000	0.394	0.000	2.216	0.001	114320	50.1831	ug/L
Freon 123	83.000	0.403	0.000	2.264	0.001	190550	47.9020	ug/L
Acrolein	56.000	0.411	0.000	2.309	0.003	78339	488.4461	ug/L
1,1-Dichloroethene	61.000	0.429	0.000	2.410	0.000	208008	51.6349	ug/L
Freon 113	101.000	0.431	0.000	2.426	0.000	134080	48.3905	ug/L
Acetone	43.000	0.437	0.000	2.454	0.001	52701	47.3393	ug/L
Iodomethane	142.000	0.453	0.000	2.545	0.002	157902	47.0707	ug/L
2-Propanol	45.000	0.463	0.001	2.603	0.004	152371	934.2338	ug/L
Carbon Disulfide	75.900	0.464	0.001	2.611	0.003	348976	51.7133	ug/L
Acetonitrile/Allyl Chloride	41.000	0.490	0.000	2.757	0.000	303736 LT	335.2059	ug/L
Methyl Acetate	43.000	0.495	0.000	2.785	0.001	113154	51.2407	ug/L

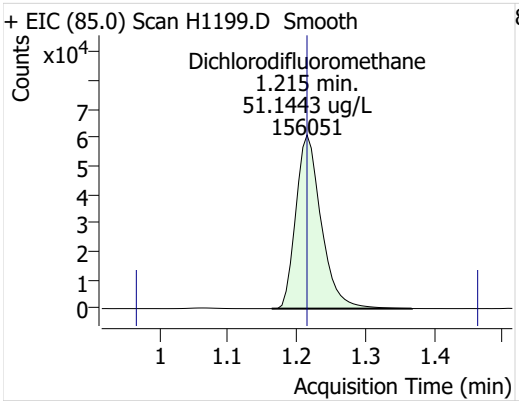
Masshunter Quantitative Analysis Sample Report

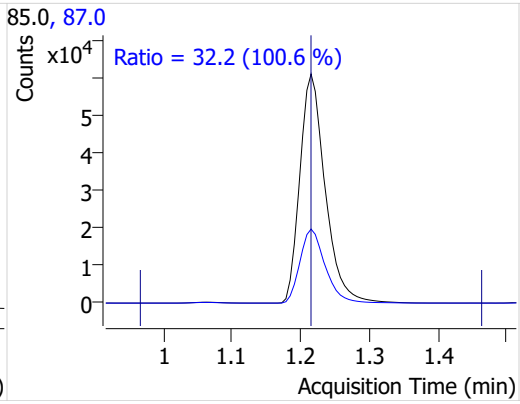
Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
Methylene Chloride	83.900	0.511	0.000	2.873	0.000	126301	46.6962	ug/L
TBA	59.000	0.538	0.000	3.026	0.000	225985	897.6870	ug/L
Acrylonitrile	53.000	0.557	0.000	3.129	0.000	308381	269.3168	ug/L
trans-1,2-Dichloroethene	61.000	0.568	0.000	3.196	0.000	187109	52.4805	ug/L
MTBE	73.000	0.573	0.000	3.221	0.000	361384	48.5097	ug/L
1,1-Dichloroethane	63.000	0.661	0.000	3.714	0.000	231971	50.7832	ug/L
Vinyl Acetate	43.000	0.679	0.000	3.820	0.002	210308	54.5598	ug/L
2-Chloro-1,3-Butadiene	88.000	0.686	0.001	3.855	0.006	109772	51.1705	ug/L
Diisopropyl ether	45.000	0.690	0.000	3.879	0.003	439921	56.3844	ug/L
ETBE	59.000	0.791	0.001	4.446	0.004	376717	51.5962	ug/L
cis-1,2-Dichloroethene	96.000	0.819	0.000	4.605	0.002	138299	48.5408	ug/L
2,2-Dichloropropane	77.000	0.819	0.001	4.604	0.006	160762	47.1090	ug/L
2-Butanone	43.000	0.830	0.001	4.669	0.004	69221	49.4112	ug/L
Propionitrile	54.000	0.840	0.000	4.720	0.003	115311	262.0416	ug/L
Bromochloromethane	129.900	0.892	0.000	5.013	0.000	89016	44.4717	ug/L
Methylacrylonitrile	67.000	0.893	0.000	5.019	0.002	60185	52.5065	ug/L
Tetrahydrofuran	42.000	0.919	0.001	5.166	0.004	45773	53.8636	ug/L
Chloroform	83.000	0.925	0.000	5.202	0.000	227055	48.3271	ug/L
1,1,1-Trichloroethane	97.000	0.978	0.000	5.501	0.000	189858	49.2525	ug/L
Cyclohexane	84.000	0.840	0.000	5.604	0.000	196693	50.8429	ug/L
Carbon Tetrachloride	116.900	0.866	0.000	5.776	0.002	167730	47.0494	ug/L
1,1-Dichloropropene	75.000	0.867	0.000	5.781	0.000	160286	48.3303	ug/L
Benzene	78.000	0.911	0.000	6.080	0.003	484396	48.5453	ug/L
1,2-Dichloroethane	62.000	0.914	0.000	6.098	0.000	196561	50.9369	ug/L
Iso-Butyl Alcohol	43.000	0.913	0.001	6.093	0.007	101963	1045.5171	ug/L
TAME	73.000	1.126	0.000	6.330	0.000	329934	48.6953	ug/L
n-Heptane	43.000	0.985	0.000	6.573	0.002	199758	57.4056	ug/L
Trichloroethene	129.900	1.049	0.000	7.000	0.003	139175	45.3791	ug/L
1-Butanol	56.000	1.052	0.001	7.019	0.006	174679	2543.7289	ug/L
Methylcyclohexane	55.000	1.086	0.001	7.244	0.006	197469	54.5858	ug/L
1,2-Dichloropropane	63.000	1.089	0.000	7.262	0.000	138027	50.3027	ug/L
Dibromomethane	173.900	1.109	0.000	7.397	0.000	83498	42.6349	ug/L
1,4-Dioxane	88.000	1.122	0.000	7.482	0.000	35249	872.8186	ug/L
Methyl Methacrylate	69.000	1.122	0.001	7.488	0.006	91996	48.8783	ug/L
Bromodichloromethane	82.900	1.142	0.000	7.616	0.000	173672	47.7328	ug/L
2-Nitropropane	43.000	1.183	0.000	7.889	0.002	91621	102.3986	ug/L
2-Chloroethylvinyl Ether	63.000	1.202	0.000	8.019	0.001	52118	63.6766	ug/L
cis-1,3-Dichloropropene	75.000	1.222	0.001	8.153	0.006	170907	47.2269	ug/L
4-Methyl-2-Pentanone	43.000	1.254	0.000	8.367	0.002	142349	53.6731	ug/L
Toluene	91.000	1.279	0.000	8.531	0.000	537957	49.2642	ug/L
trans-1,3-Dichloropropene	75.000	1.316	0.000	8.780	0.000	149919	47.1517	ug/L
Ethyl Methacrylate	69.000	1.338	0.000	8.927	0.000	163805	49.3784	ug/L
1,1,2-Trichloroethane	97.000	1.344	0.000	8.963	0.000	120883	48.0339	ug/L
Tetrachloroethene	165.900	0.919	0.001	9.116	0.006	125023	44.8744	ug/L
1,3-Dichloropropane	76.000	0.920	0.001	9.128	0.006	207373	48.6081	ug/L
2-Hexanone	58.000	0.933	0.001	9.256	0.006	49338	47.3253	ug/L
Dibromochloromethane	128.900	0.943	0.000	9.354	0.000	140282	47.1909	ug/L
N-Butyl Acetate	43.000	0.949	0.000	9.413	0.001	210873	52.9469	ug/L
1,2-Dibromoethane	106.900	0.953	0.000	9.451	0.000	120906	48.8186	ug/L
Chlorobenzene	112.000	1.002	0.000	9.945	0.000	360142	46.5932	ug/L
3-Chlorobenzotrifluoride	180.000	1.004	0.000	9.964	0.001	166888	41.4576	ug/L
4-Chlorobenzotrifluoride	180.000	1.010	0.000	10.016	0.001	158209	41.4365	ug/L
1,1,1,2-Tetrachloroethane	130.900	1.011	0.000	10.030	0.000	131291	48.7877	ug/L
Ethylbenzene	91.100	1.015	0.000	10.067	0.000	603569	50.4950	ug/L
m,p-Xylene	91.100	1.026	0.000	10.177	0.000	940452	104.4474	ug/L
o-Xylene	91.100	1.062	0.000	10.533	0.000	486255	50.5795	ug/L
Styrene	104.100	1.063	0.000	10.542	0.003	395022	48.8965	ug/L
Bromoform	172.900	1.077	0.000	10.683	0.000	84865	46.6725	ug/L
2-Chlorobenzotrifluoride	180.000	1.085	0.000	10.768	0.000	169818	42.1315	ug/L
Isopropyl Benzene	105.100	1.095	0.000	10.865	0.000	562132	51.7714	ug/L
Cyclohexanone	55.000	1.101	0.000	10.920	0.000	151385	342.0634	ug/L

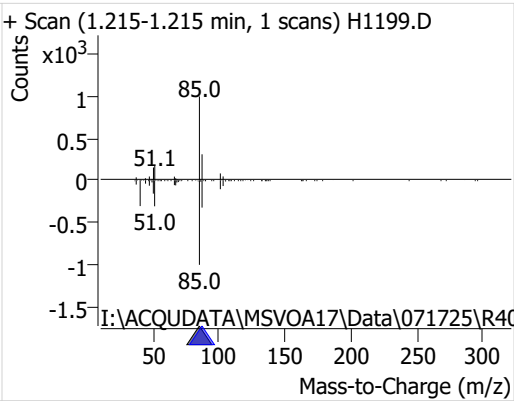
Masshunter Quantitative Analysis Sample Report

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,1,2,2-Tetrachloroethane	83.000	0.929	0.000	11.103	0.006	167865	47.3038	ug/L
Bromobenzene	156.000	0.929	0.000	11.103	0.006	153552	43.4699	ug/L
1,2,3-Trichloropropane	75.000	0.932	0.000	11.141	0.004	206591	47.1013	ug/L
trans-1,4-Dichloro-2-Butene	53.000	1.124	0.000	11.152	0.003	46607	54.6611	ug/L
Propyl Benzene	91.100	0.939	0.000	11.219	0.006	740301	52.2156	ug/L
2-Chlorotoluene	91.100	0.944	0.000	11.281	0.006	418021	49.0183	ug/L
3-Chlorotoluene	91.100	0.948	0.000	11.334	0.005	395408	46.0429	ug/L
1,3,5-Trimethyl Benzene	105.000	0.951	0.000	11.365	0.006	542594	50.1839	ug/L
4-Chlorotoluene	91.000	0.951	0.000	11.370	0.006	577214	49.7611	ug/L
Tert Butyl Benzene	119.100	0.974	0.000	11.640	0.006	512916	48.1236	ug/L
1,2,4-Trimethyl Benzene	105.000	0.977	0.000	11.680	0.006	544304	51.3877	ug/L
3,4-Dichlorobenzotrifluoride	214.000	0.982	0.001	11.737	0.006	132382	42.1662	ug/L
Sec Butyl Benzene	105.100	0.989	0.000	11.824	0.006	698926	51.2729	ug/L
1,3-Dichlorobenzene	146.000	0.996	0.000	11.903	0.006	300239	44.6245	ug/L
Isopropyl Toluene	119.100	0.999	0.001	11.944	0.006	599864	50.9635	ug/L
1,4-Dichlorobenzene	146.000	1.002	0.001	11.975	0.006	311906	44.0048	ug/L
2,4-Dichlorobenzotrifluoride	214.000	1.006	0.000	12.026	0.006	118818	41.0082	ug/L
2,5-Dichlorobenzotrifluoride	214.000	1.010	0.000	12.066	0.006	136460	40.9247	ug/L
1,2-Dichlorobenzene	146.100	1.027	0.001	12.274	0.006	298085	45.3479	ug/L
Butyl Benzene	91.100	1.027	0.001	12.274	0.006	559175	52.8346	ug/L
1,2-Dibromo-3-chloropropane	157.000	1.079	0.001	12.889	0.007	37727	42.7017	ug/L
Trielution Dichlorotoluene	125.000	1.089	0.001	13.017	0.007	837668	139.4889	ug/L
1,3,5-Trichlorobenzene	180.000	1.094	0.001	13.072	0.007	219911	43.1029	ug/L
Coelution Dichlorotoluene	125.000	1.117	0.001	13.345	0.007	615546	95.2196	ug/L
1,2,4-Trichlorobenzene	180.000	1.134	0.001	13.554	0.007	214204	45.0589	ug/L
Hexachlorobutadiene	224.900	1.146	0.001	13.694	0.007	81892	46.2683	ug/L
Naphthalene	128.100	1.150	0.001	13.743	0.007	593306	49.0388	ug/L
1,2,3-Trichlorobenzene	180.000	1.166	0.001	13.932	0.007	204052	44.5059	ug/L
2,4,5-Trichlorotoluene	159.000	1.215	0.001	14.520	0.007	156818	46.1877	ug/L
2,3,6-Trichlorotoluene	159.000	1.222	0.001	14.606	0.008	151875	50.1597	ug/L

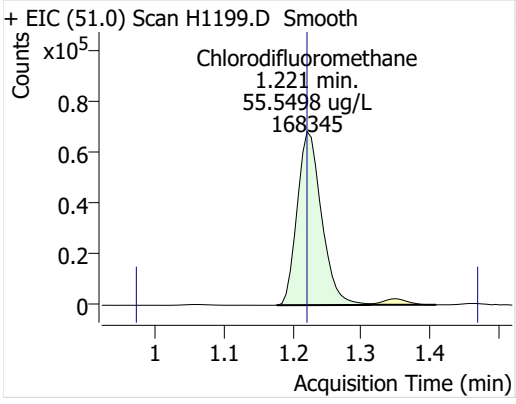
Dichlorodifluoromethane

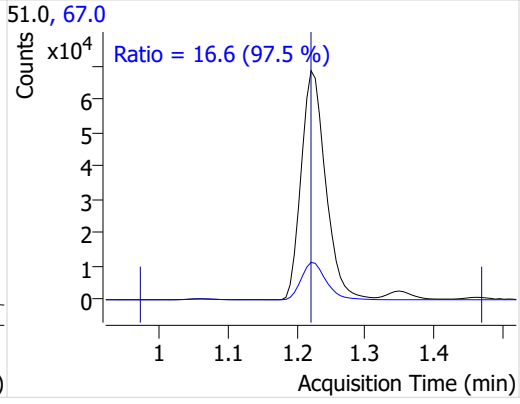


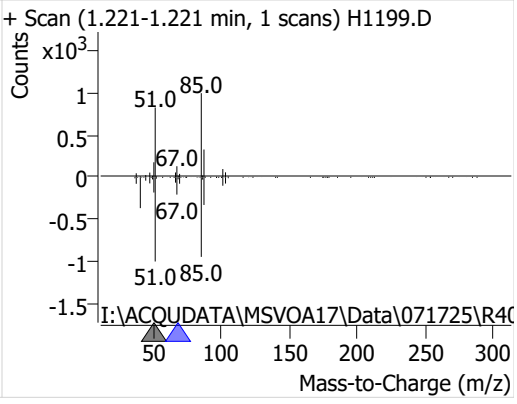




Chlorodifluoromethane

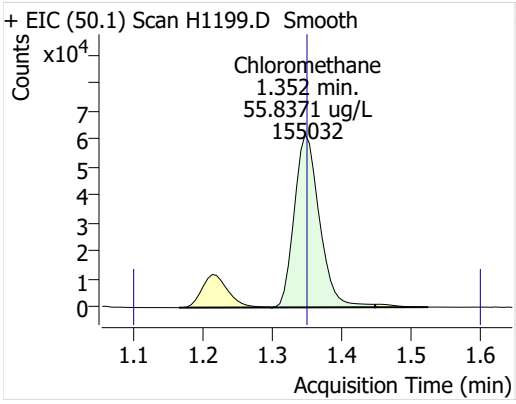


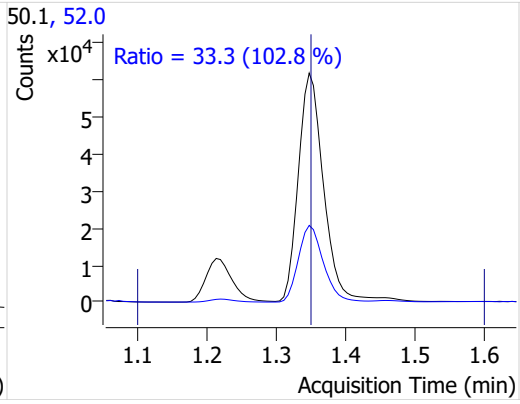


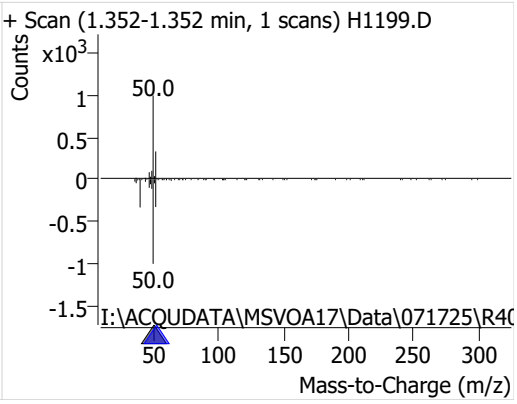


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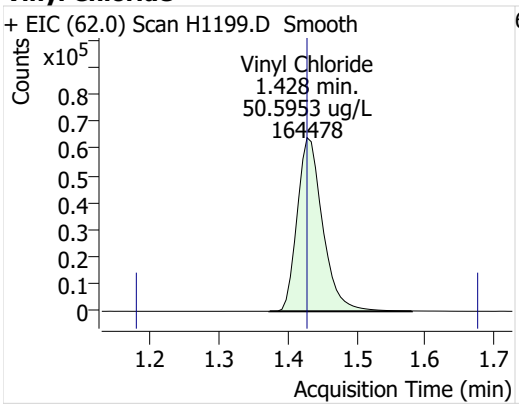
Chloromethane

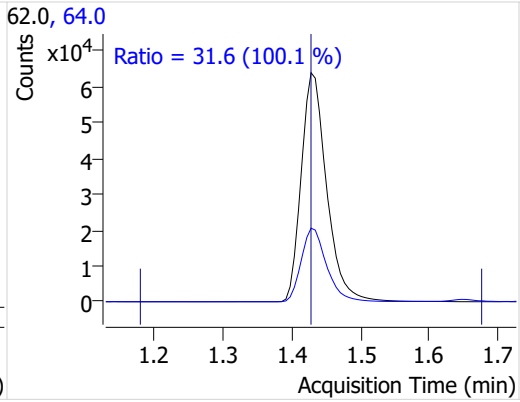


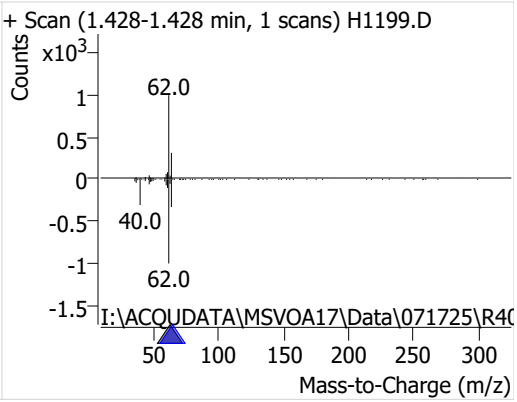




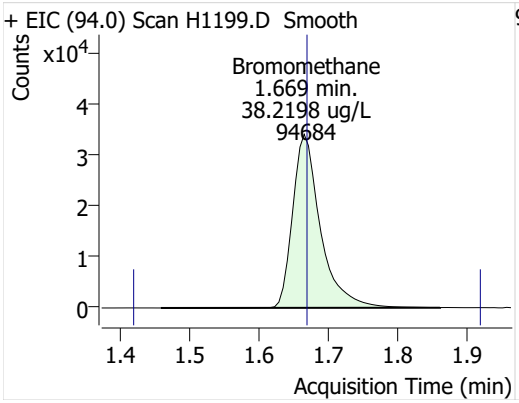
Vinyl Chloride

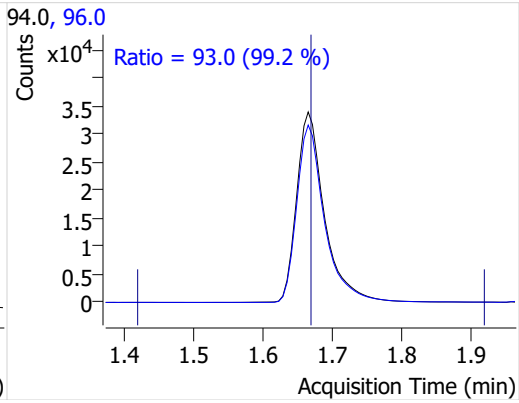


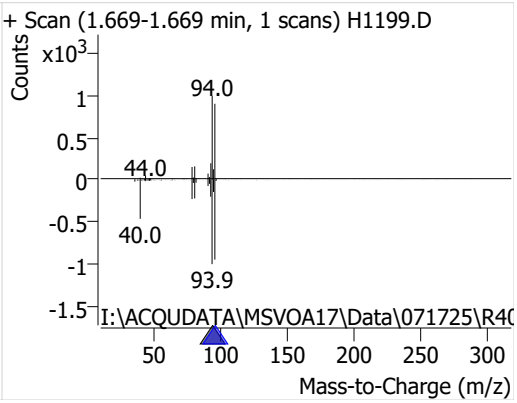




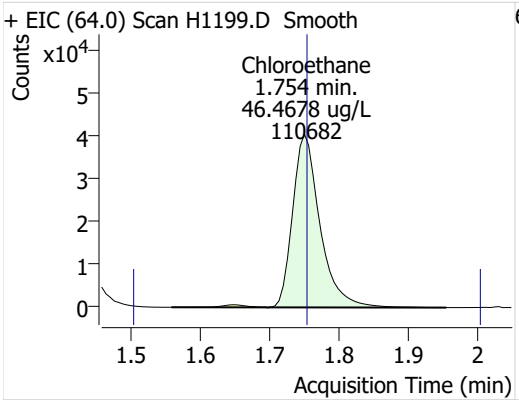
Bromomethane

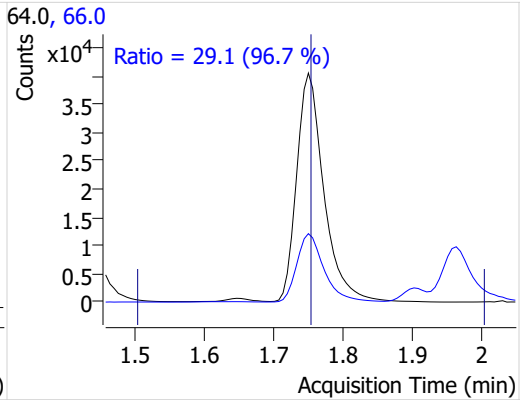


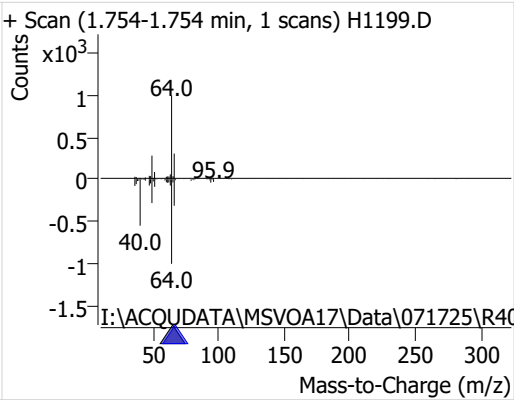




Chloroethane

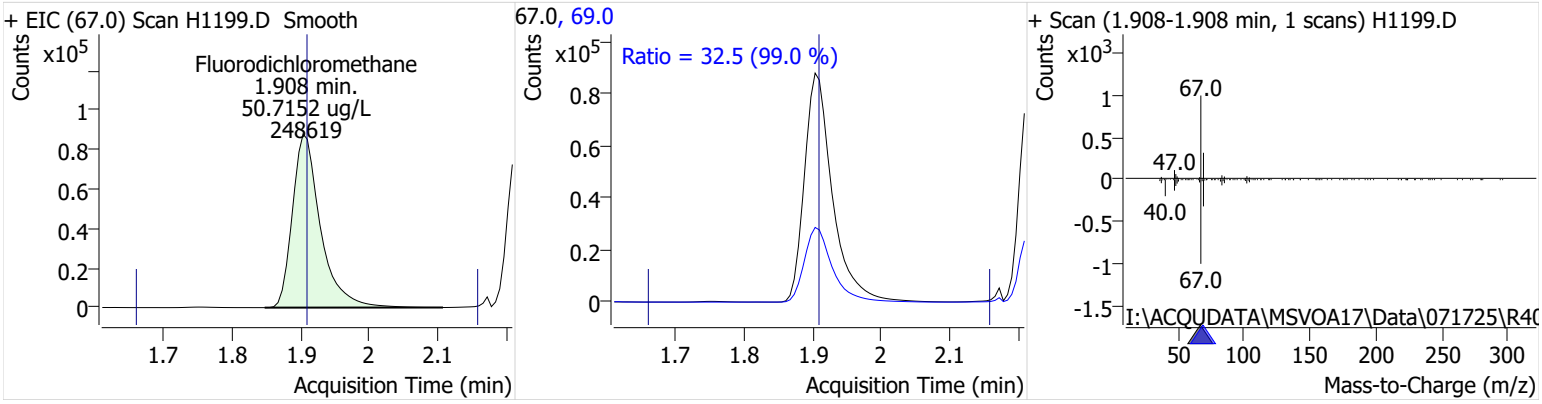




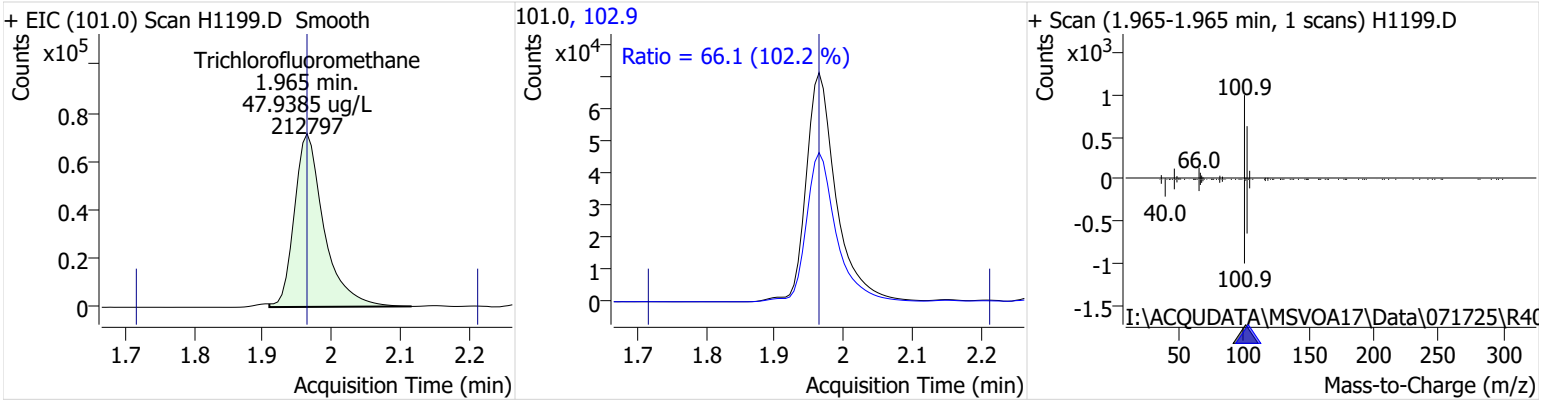


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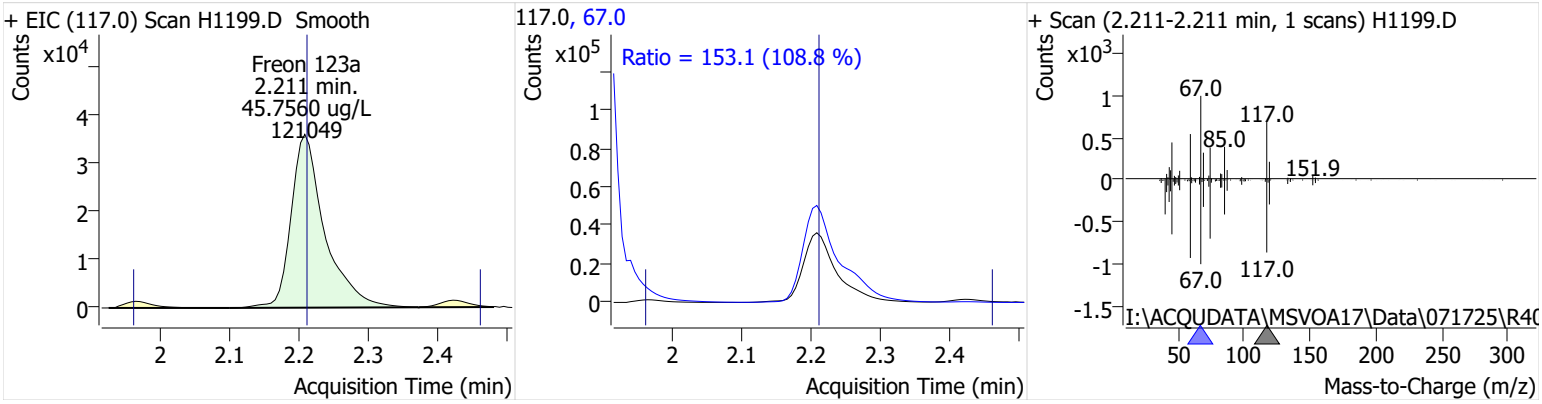
Fluorodichloromethane



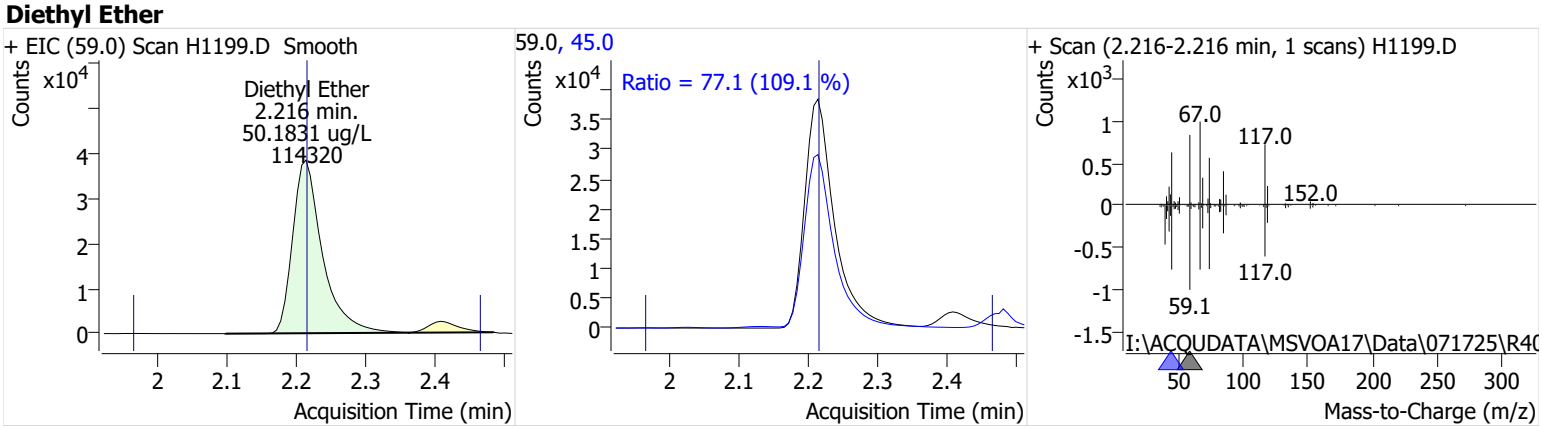
Trichlorofluoromethane



Freon 123a

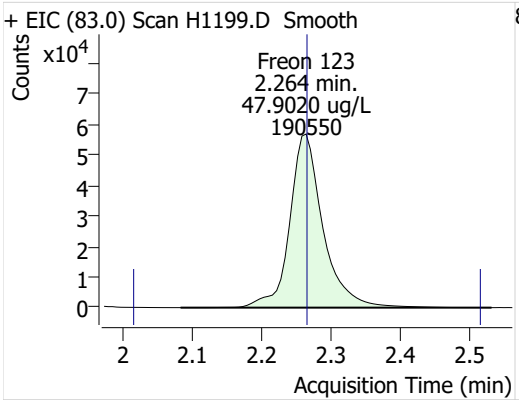


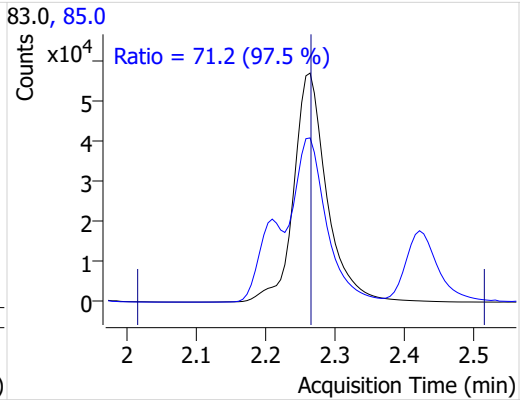
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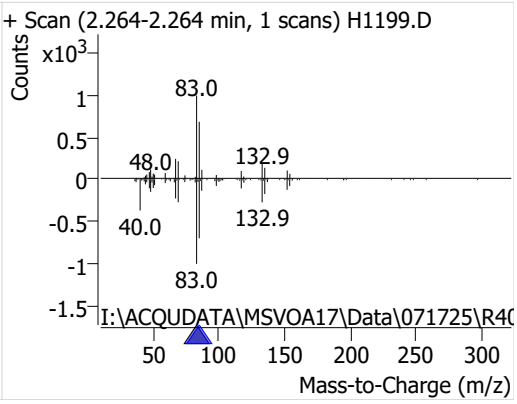


Masshunter Quantitative Analysis Sample Report

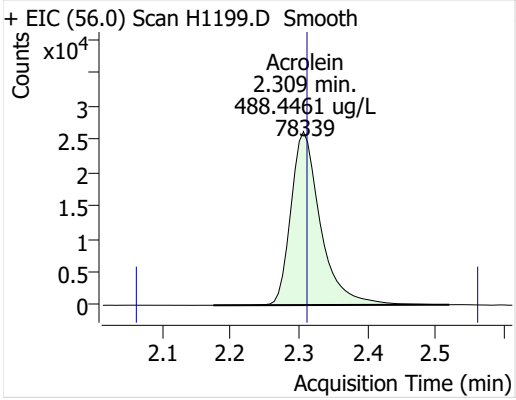
Freon 123

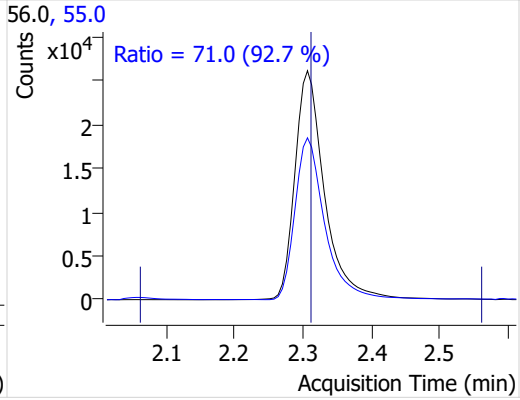


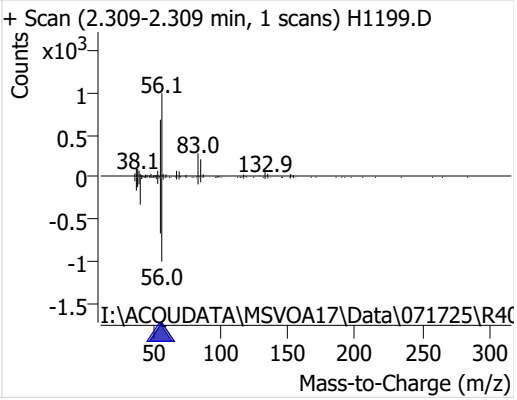




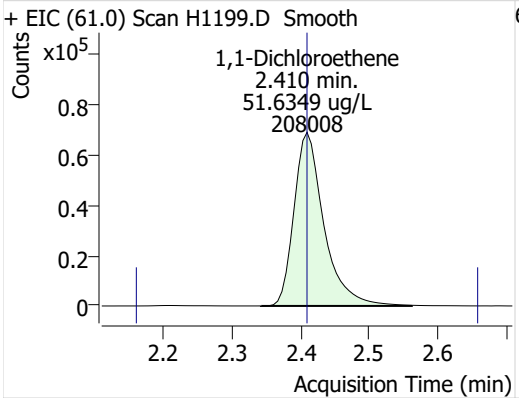
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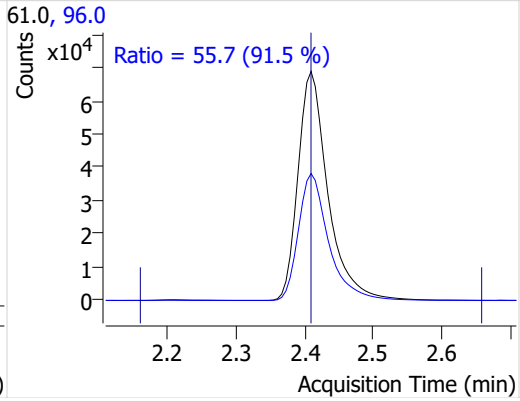


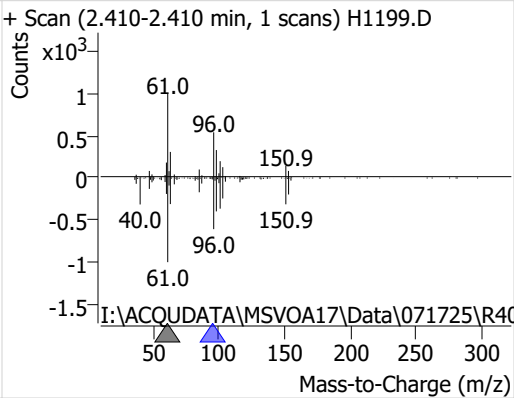




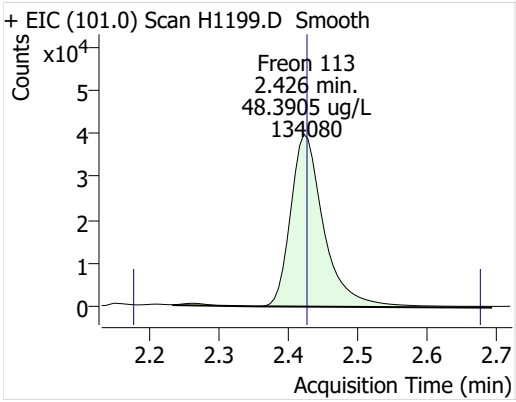
1,1-Dichloroethene

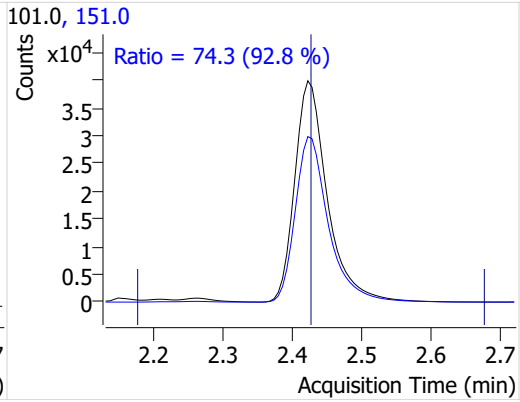


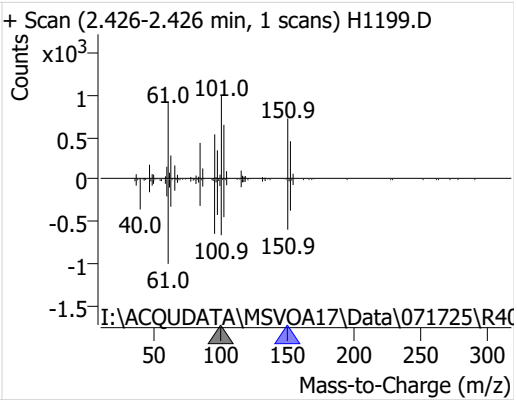




Freon 113

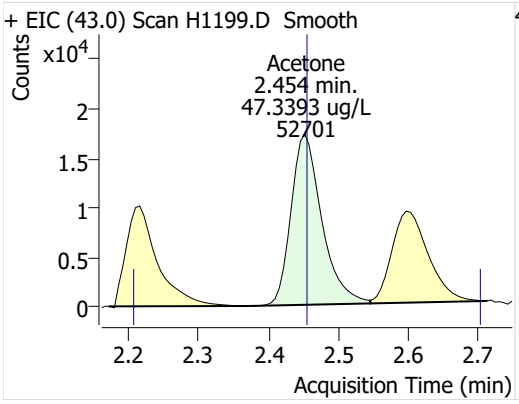


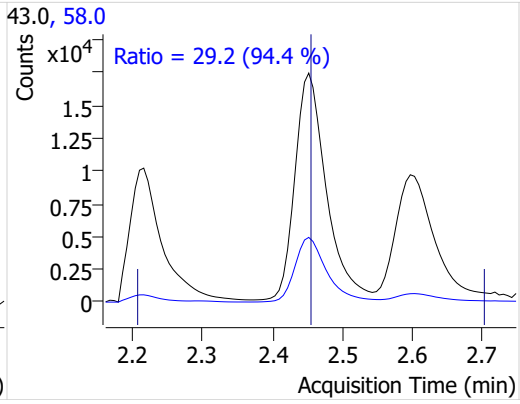


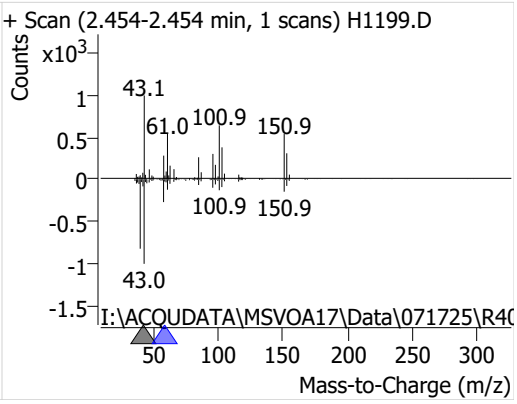


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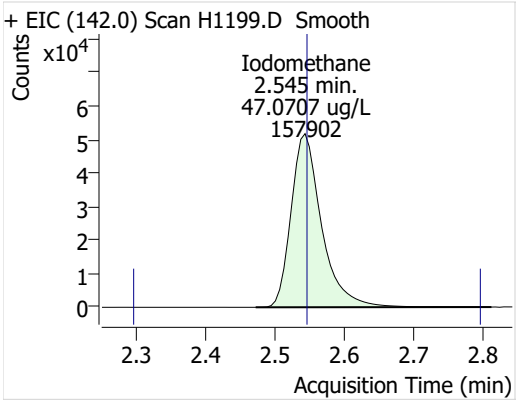
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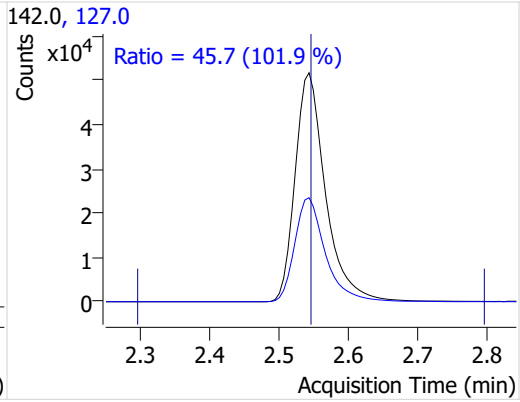


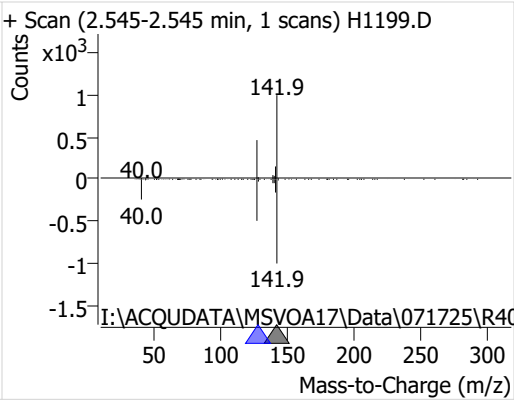




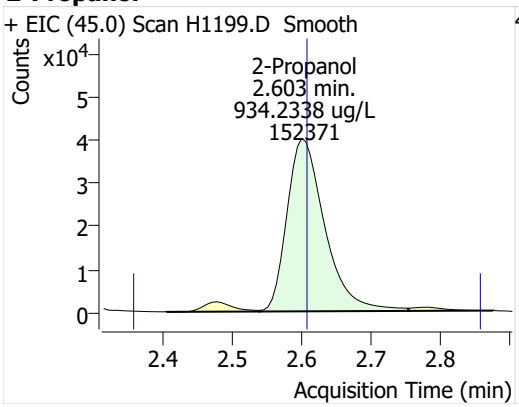
Iodomethane

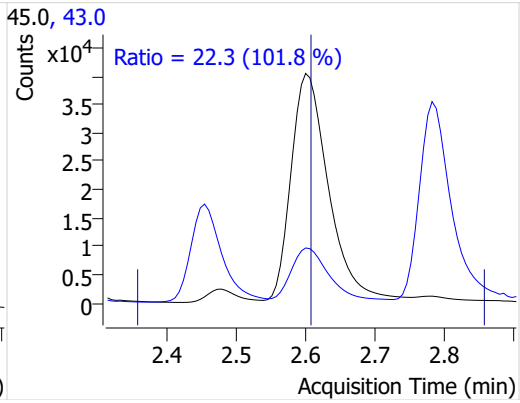


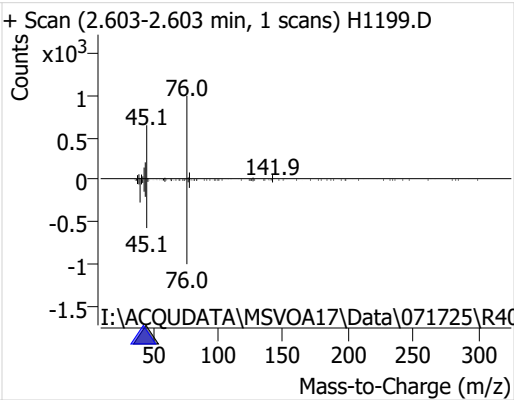




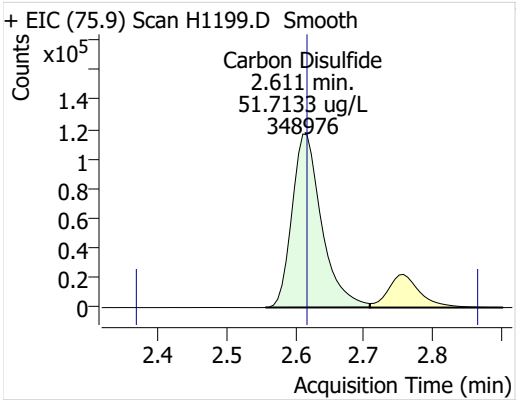
2-Propanol

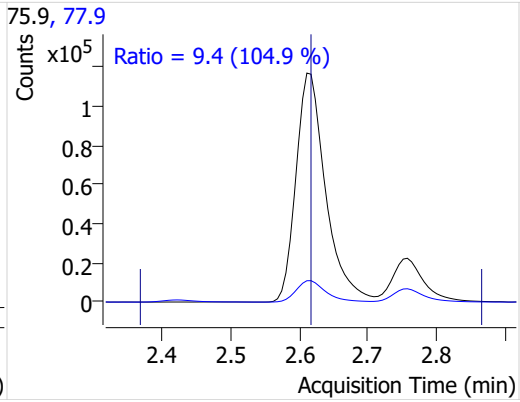


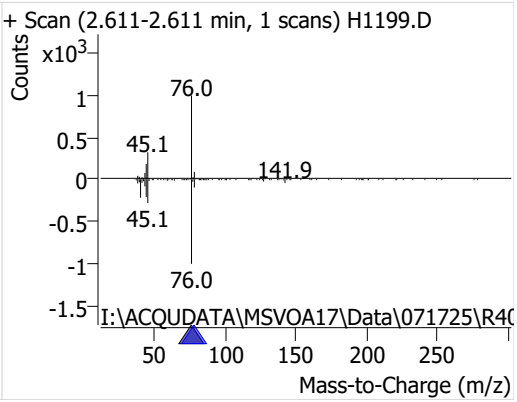




Carbon Disulfide

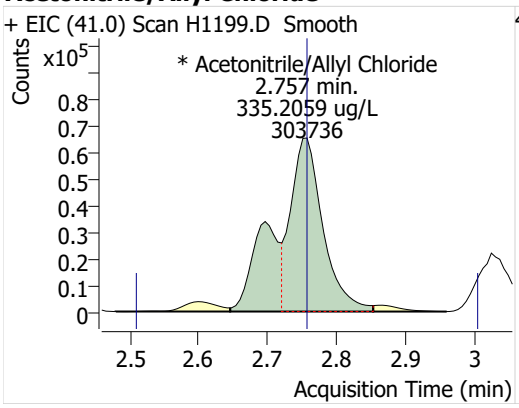


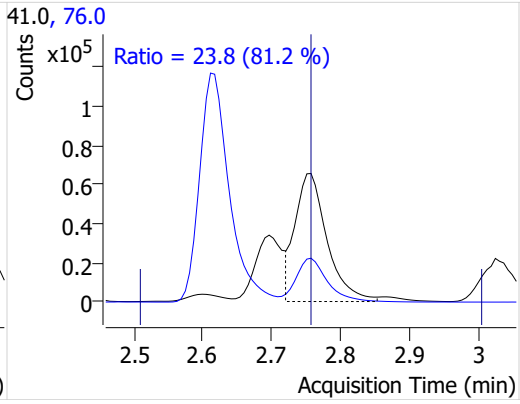


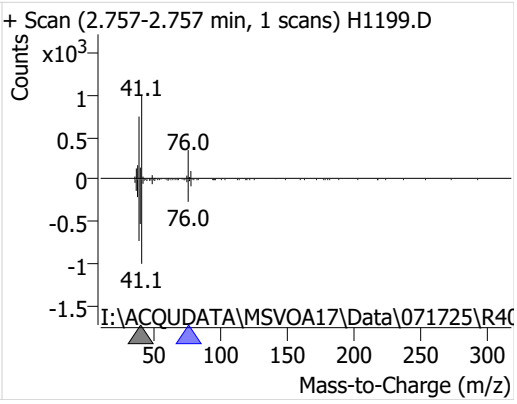


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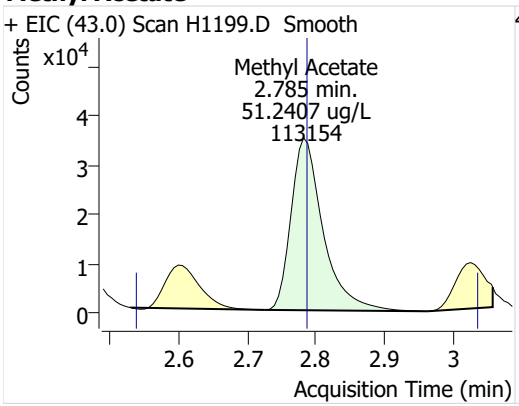
Acetonitrile/Allyl Chloride

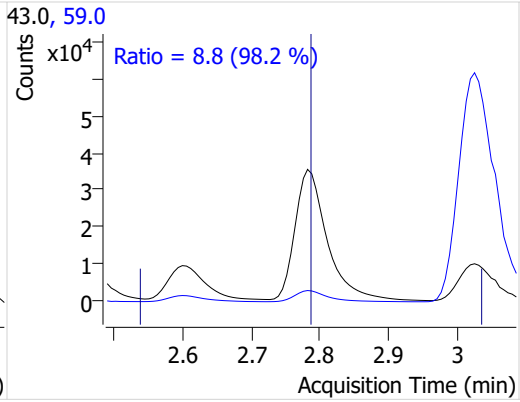


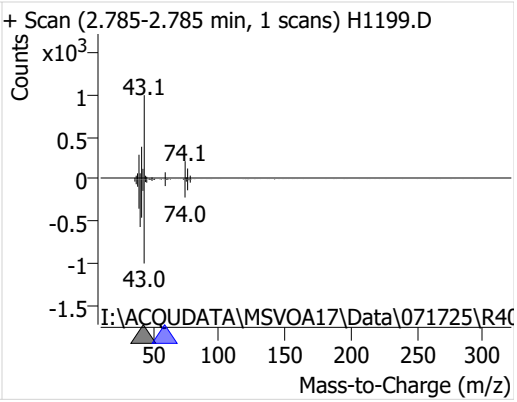




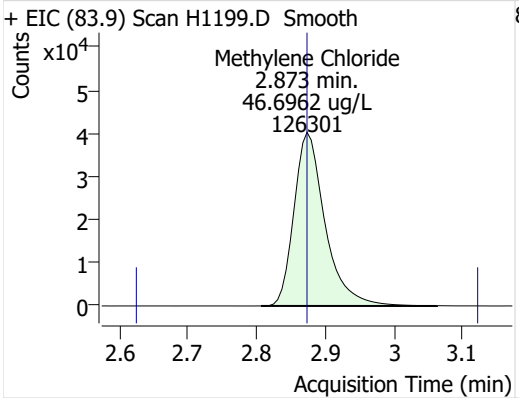
Methyl Acetate

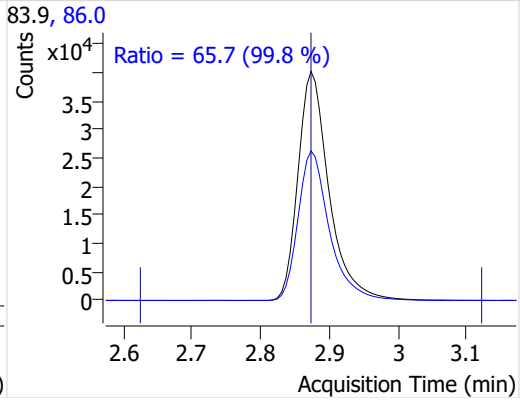


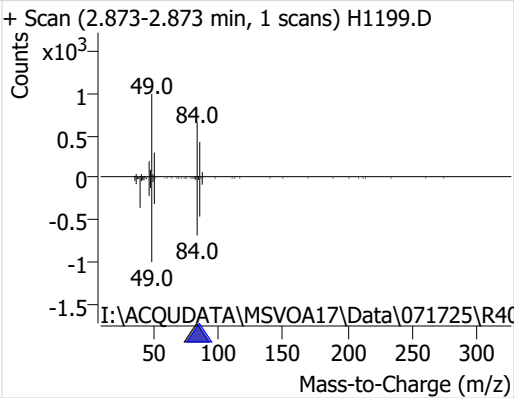




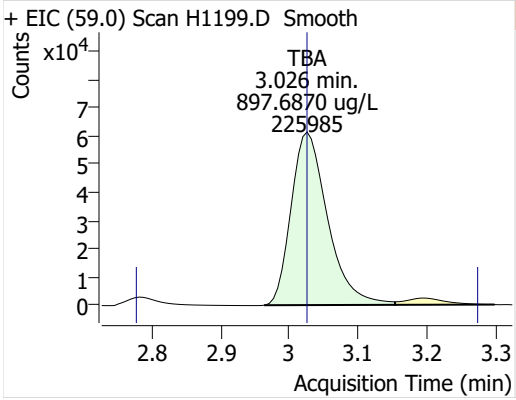
Methylene Chloride

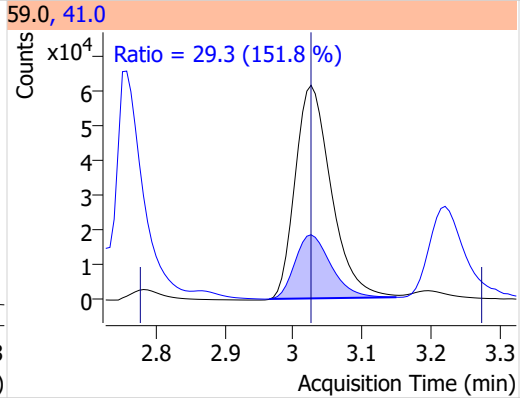


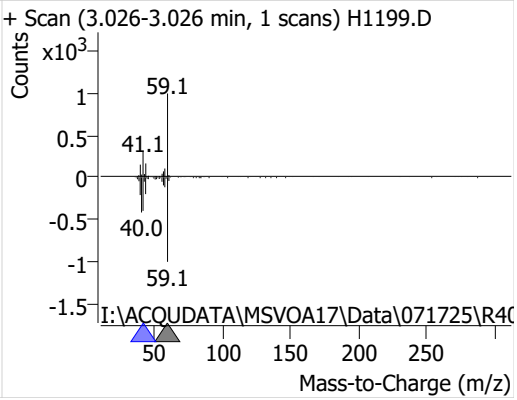




TBA

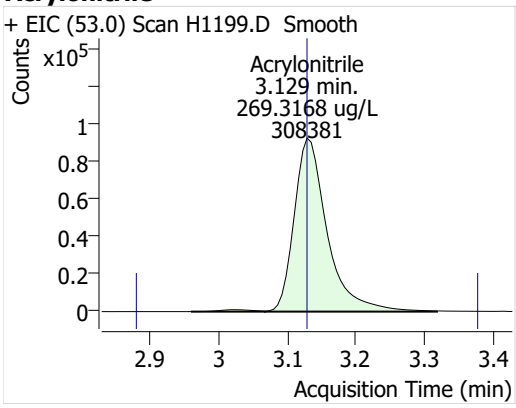


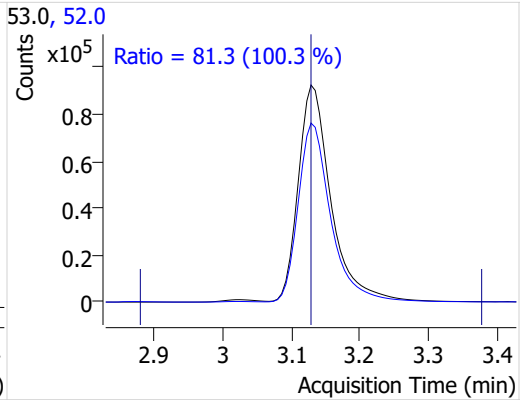


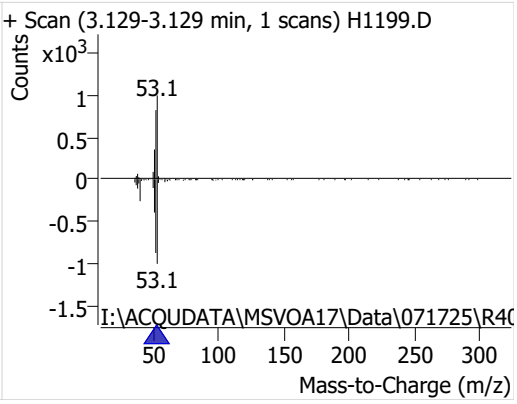


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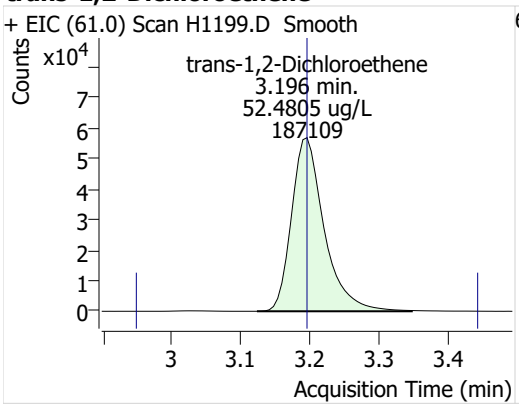
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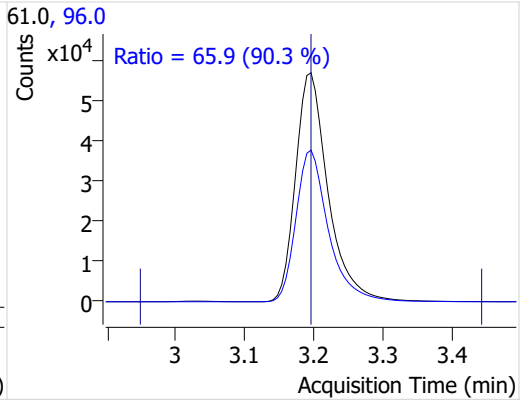


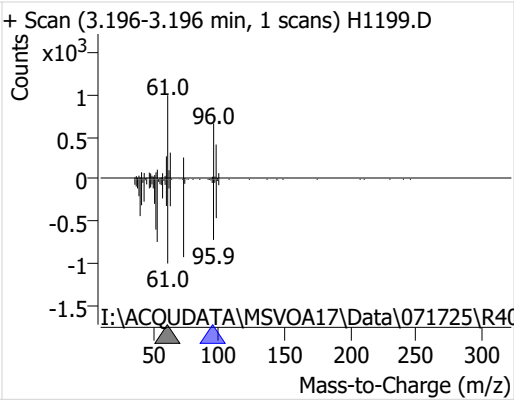




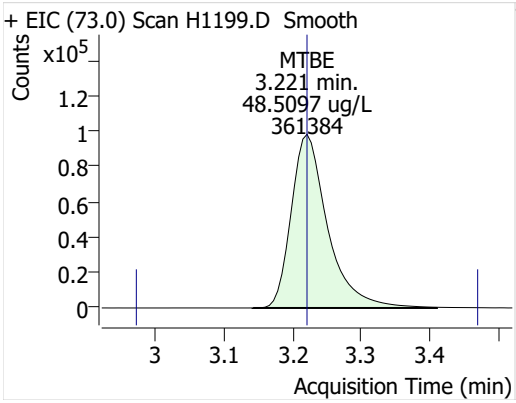
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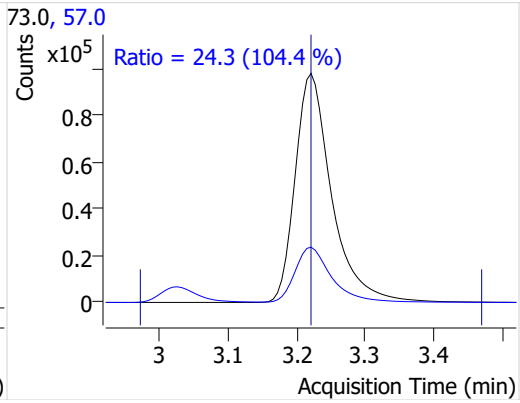


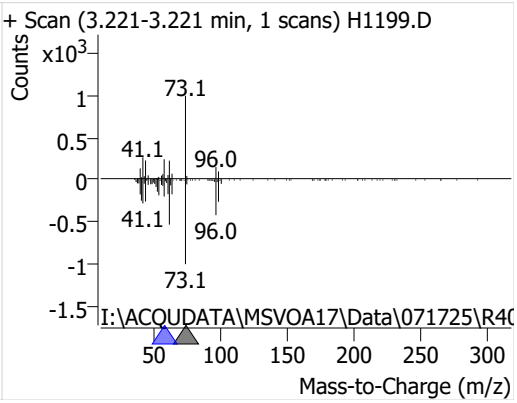




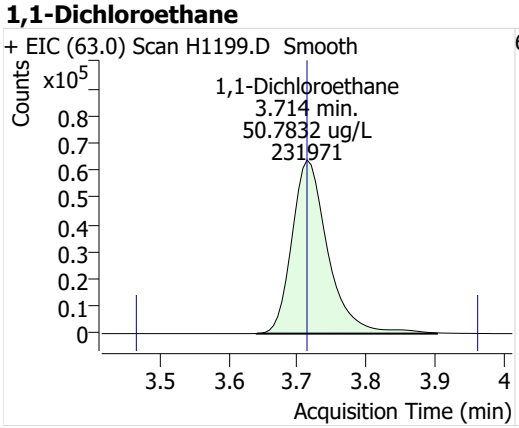
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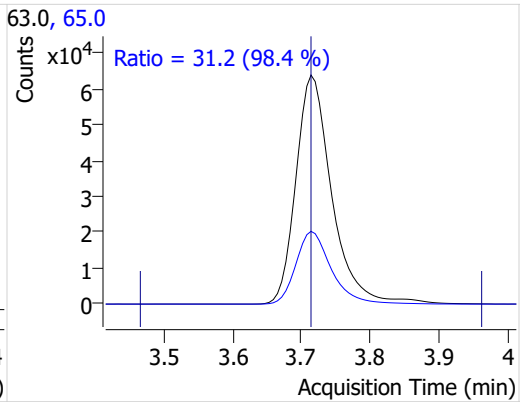


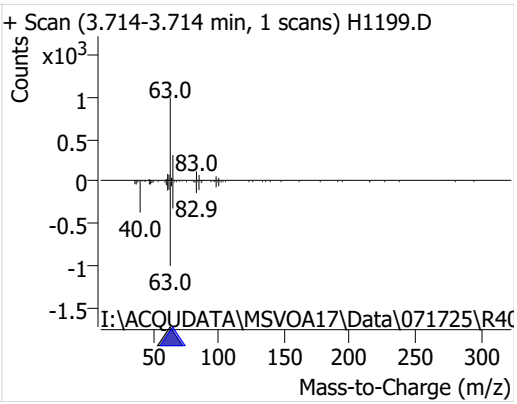




1,1-Dichloroethane

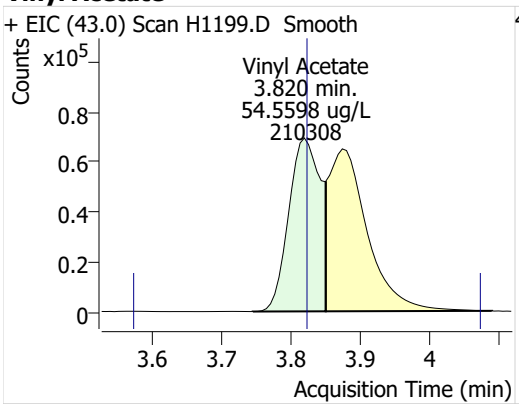


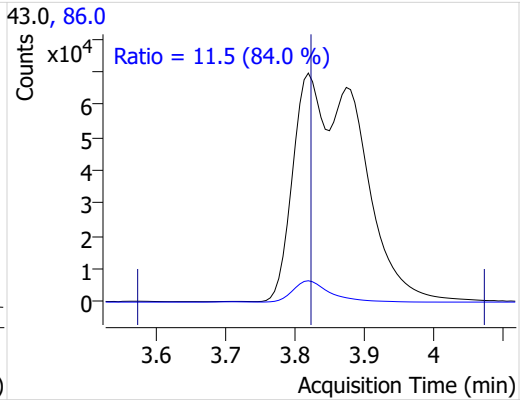


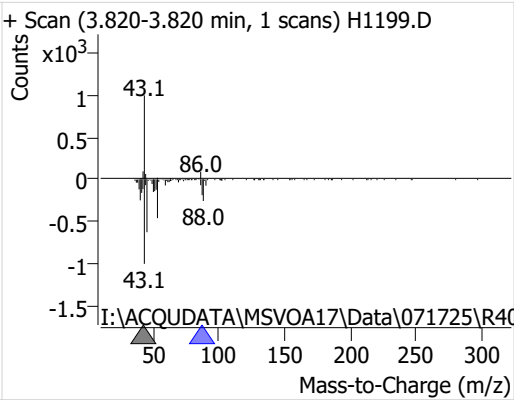


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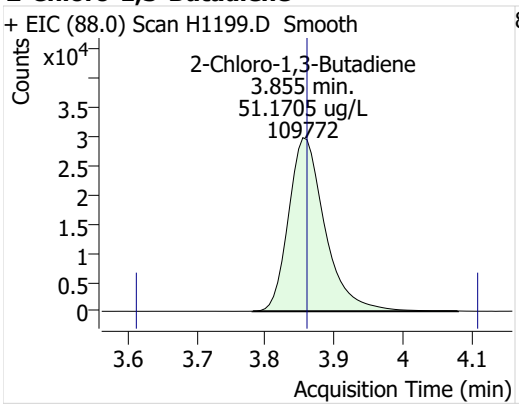
Vinyl Acetate

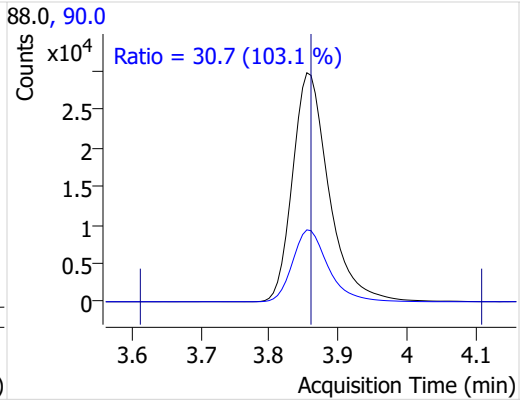


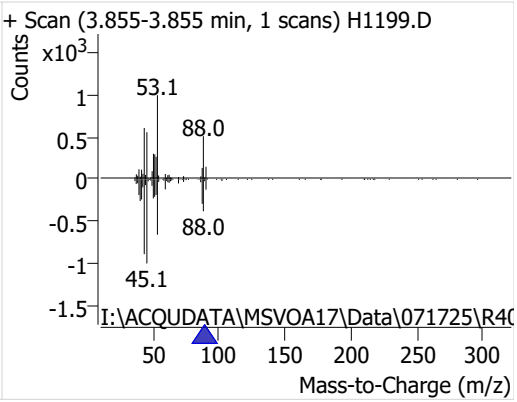




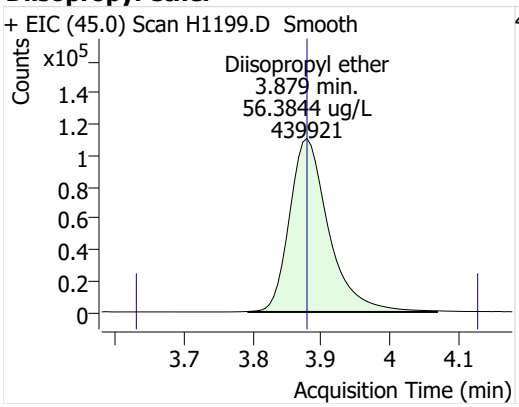
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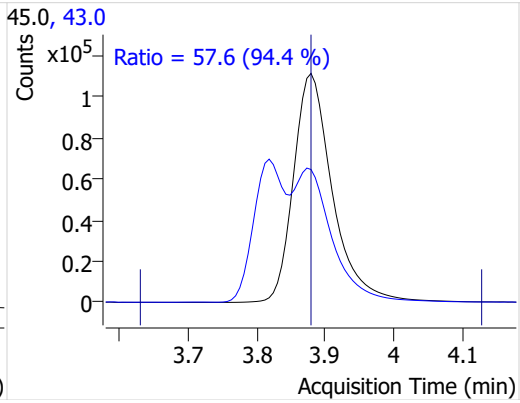


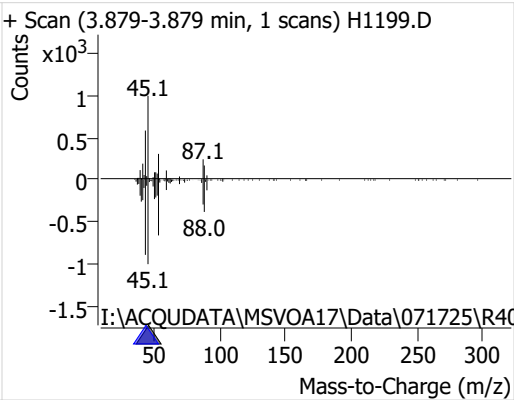




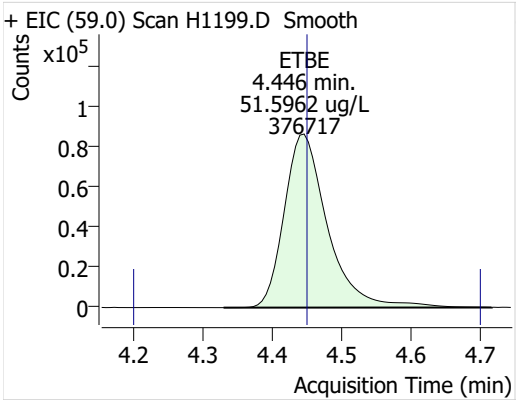
Diisopropyl ether

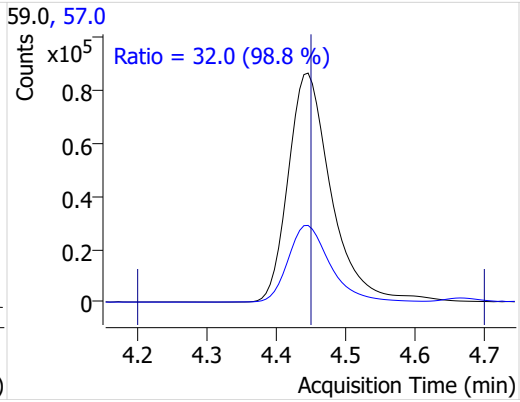


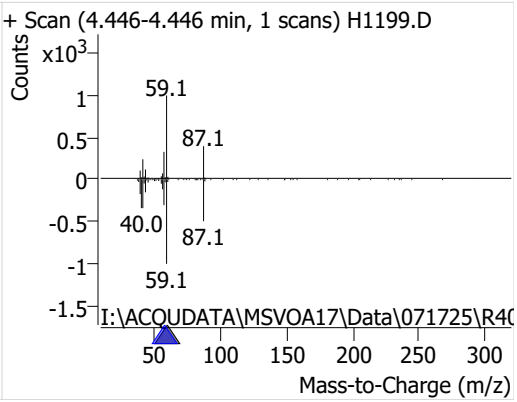




ETBE

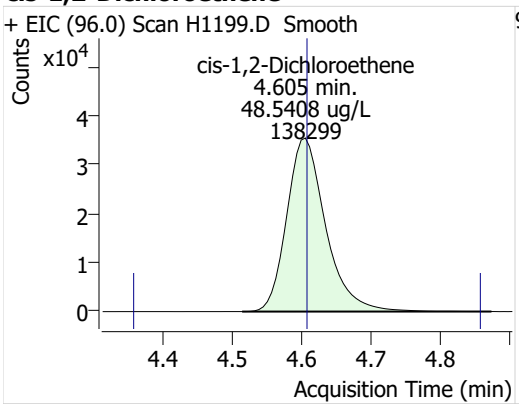


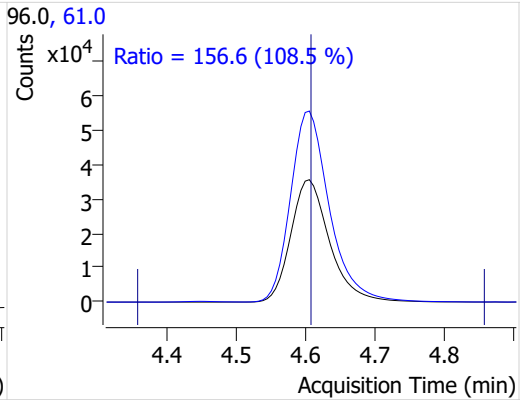


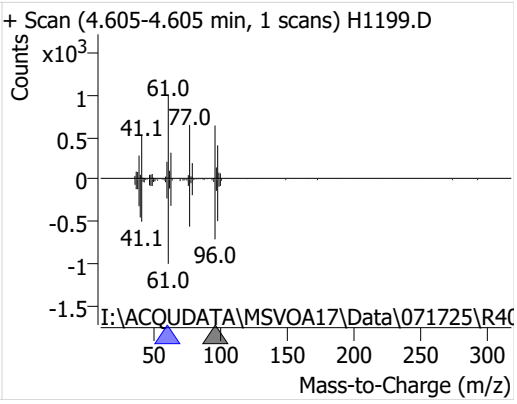


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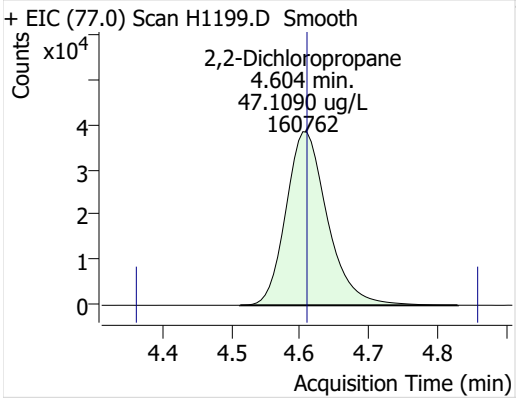
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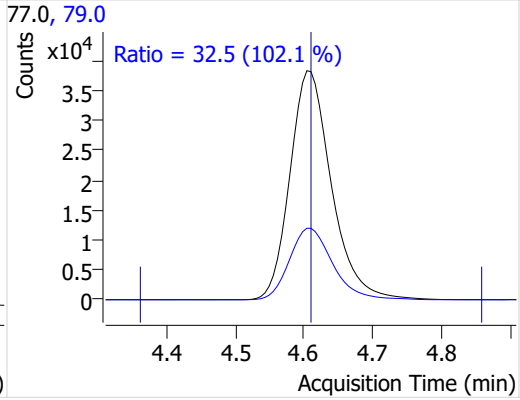


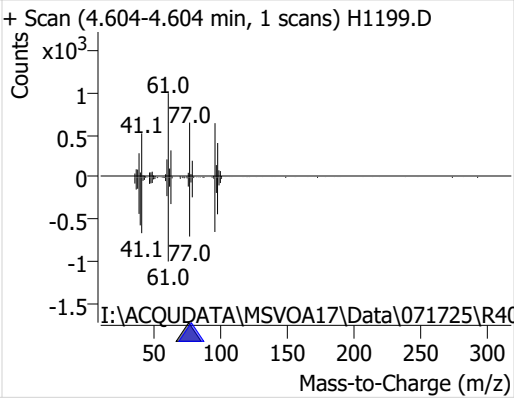




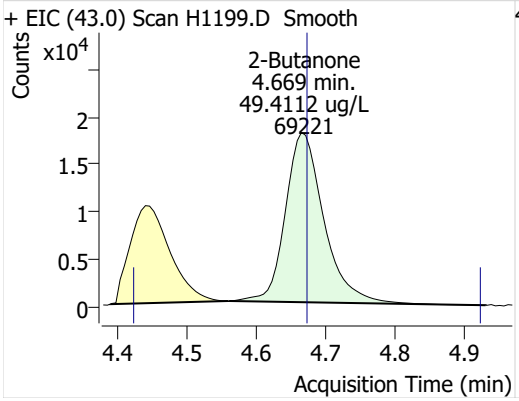
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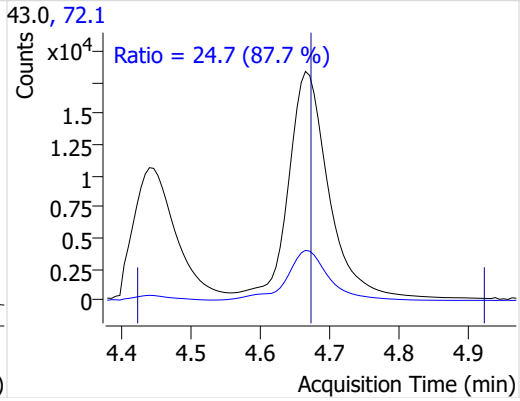


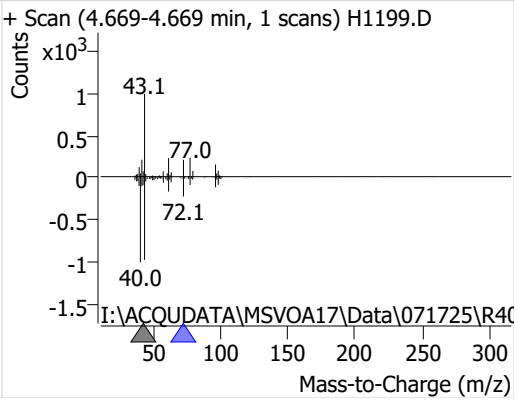




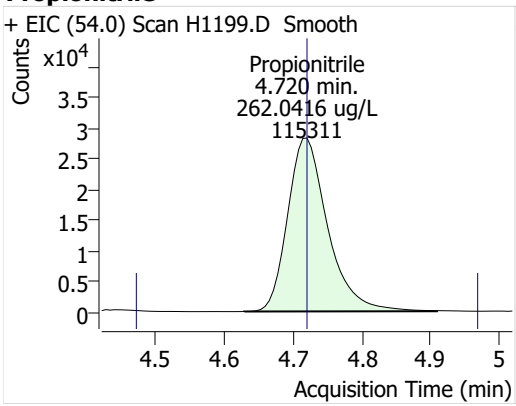
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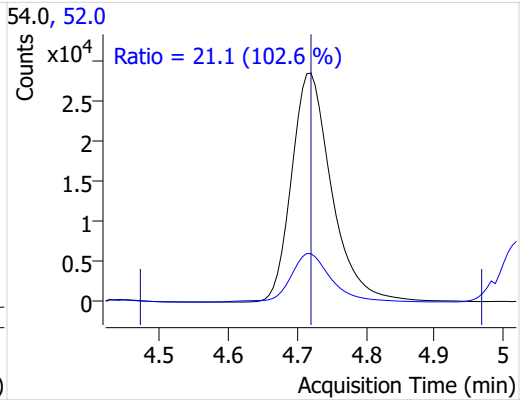


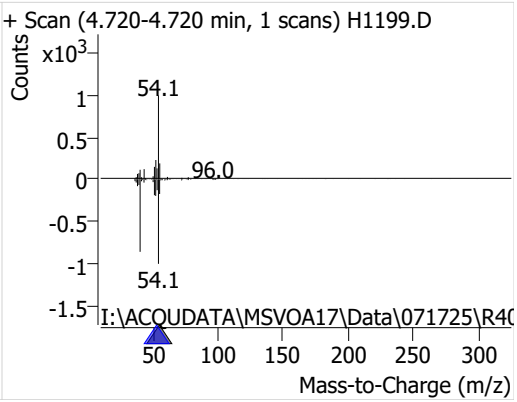




Propionitrile

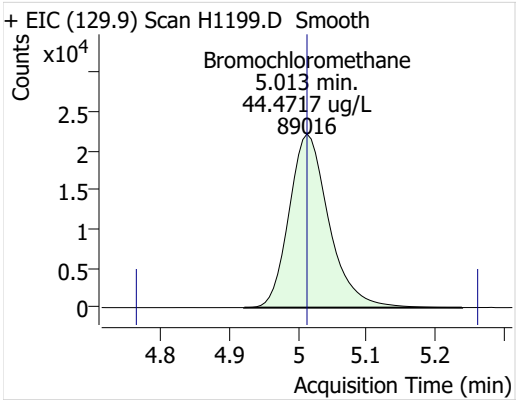


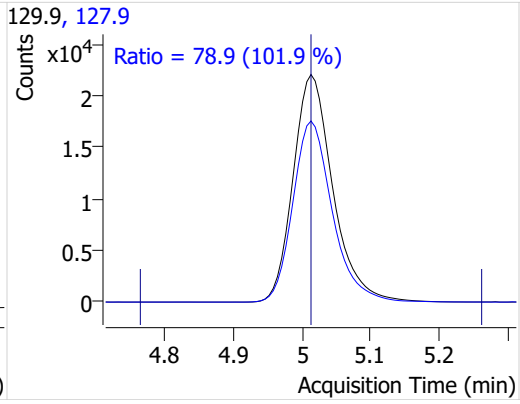


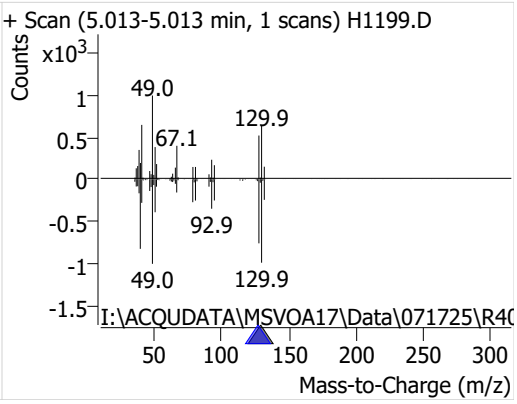


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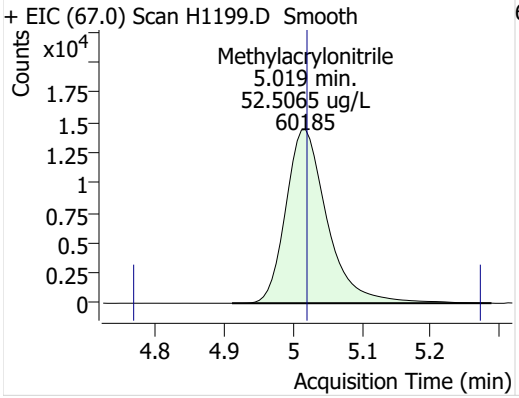
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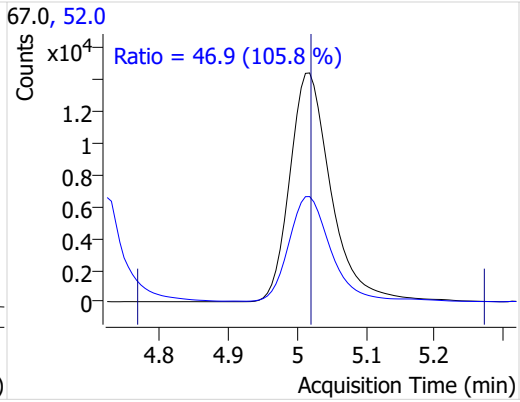


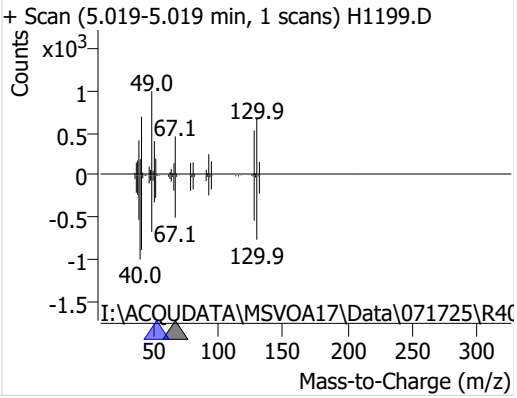




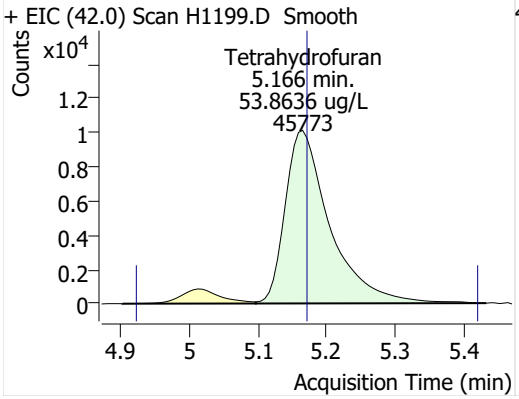
Methylacrylonitrile

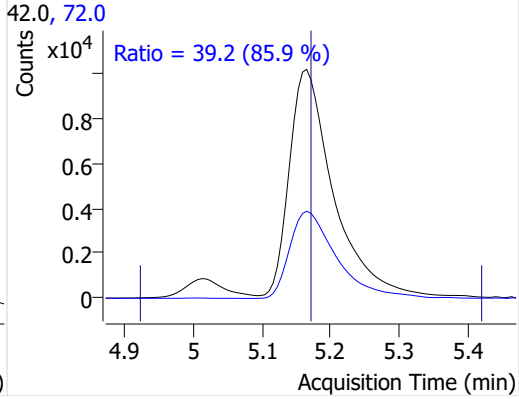


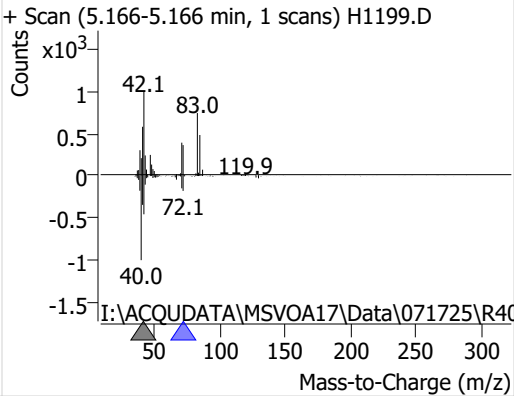




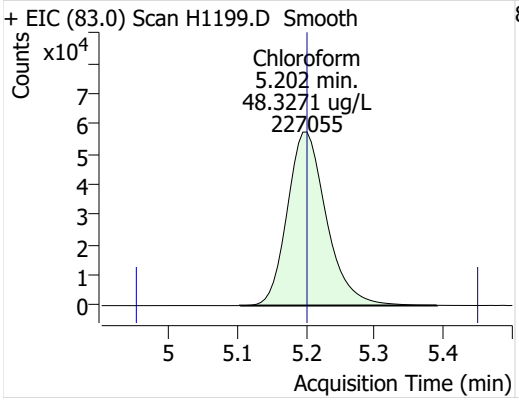
Tetrahydrofuran

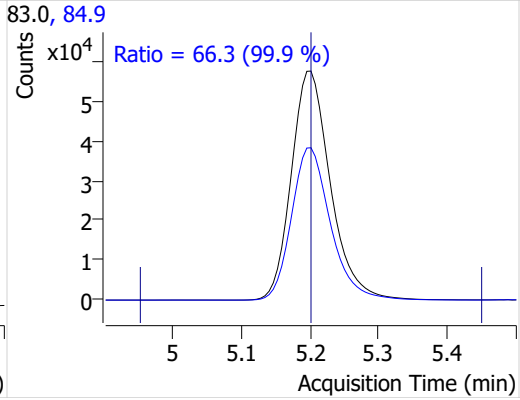


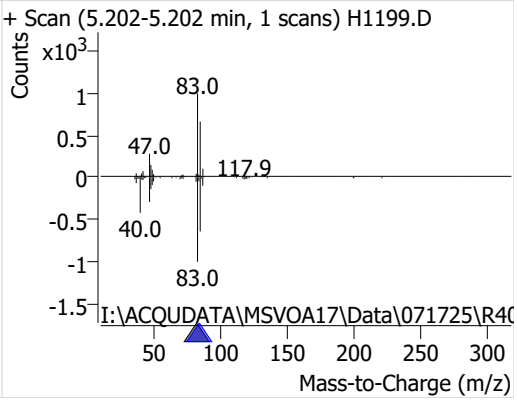




Chloroform

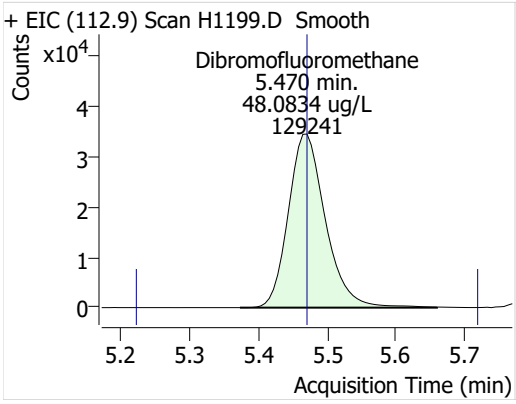


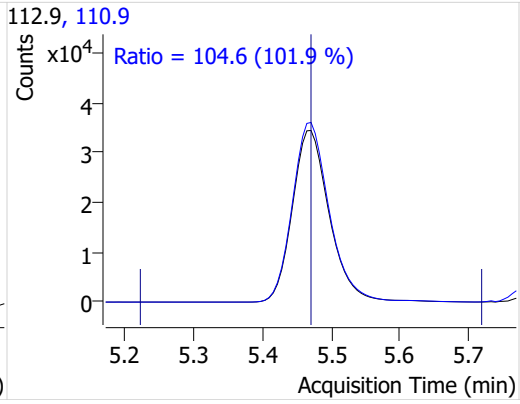


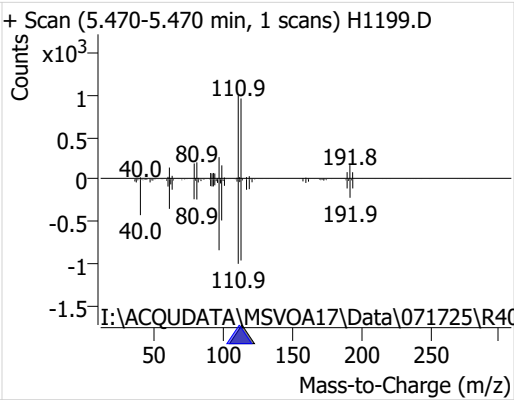


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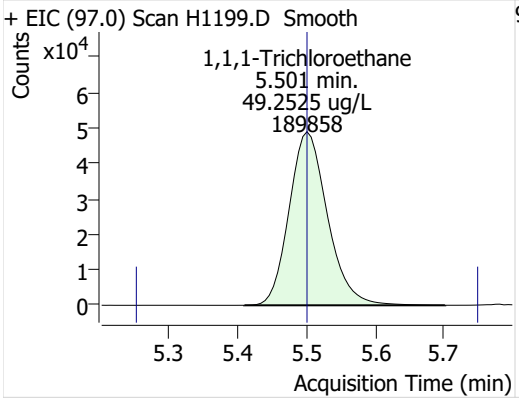
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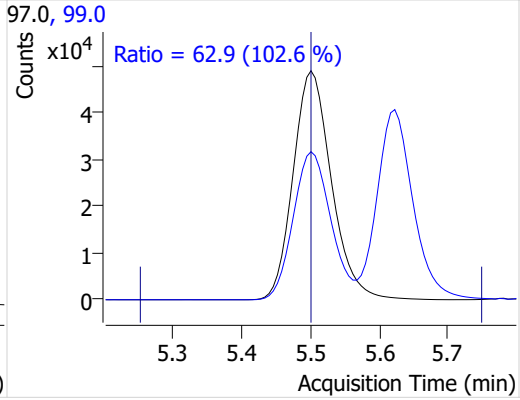


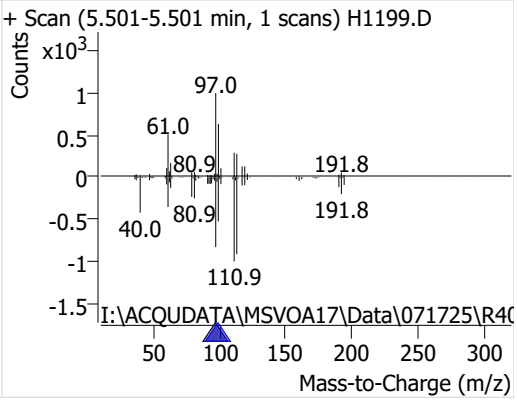




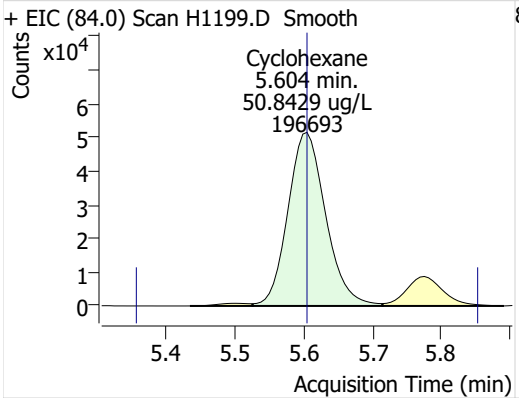
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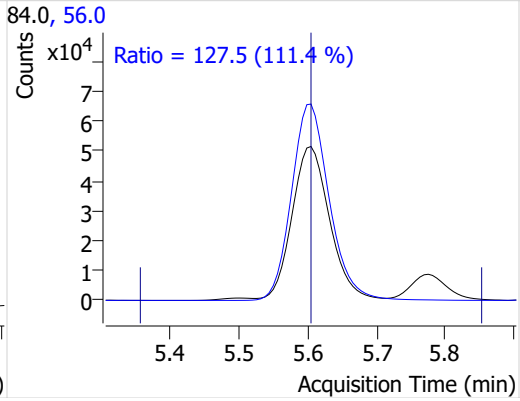


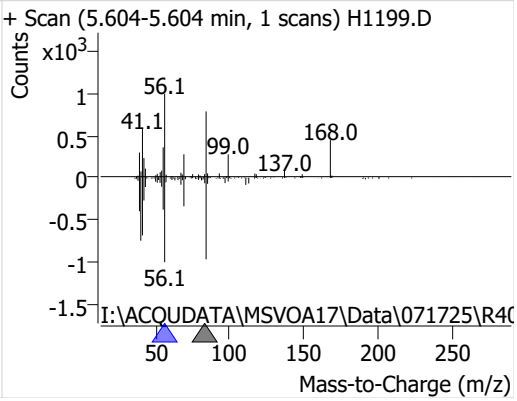




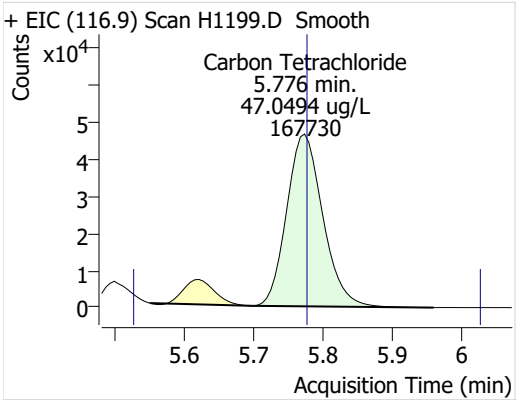
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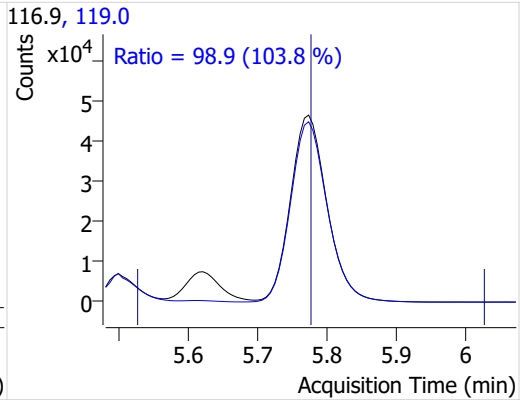


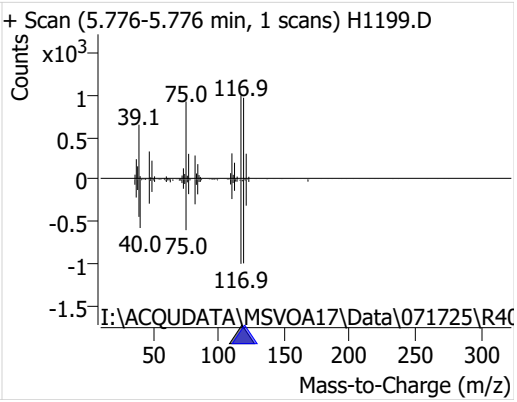




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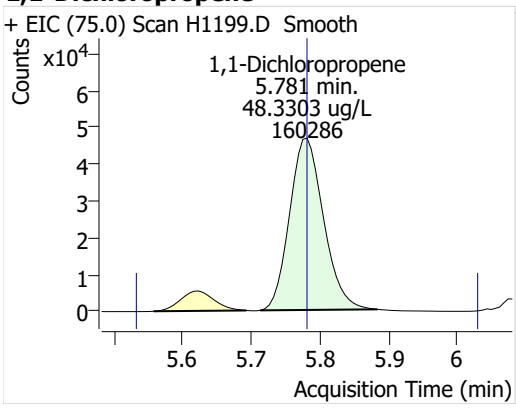


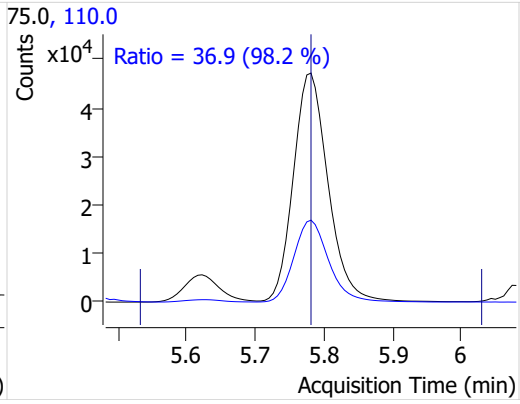


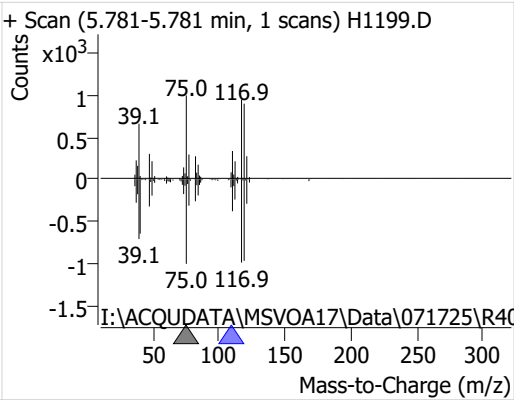


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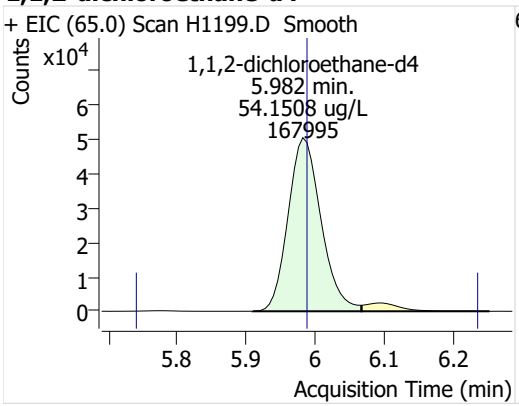
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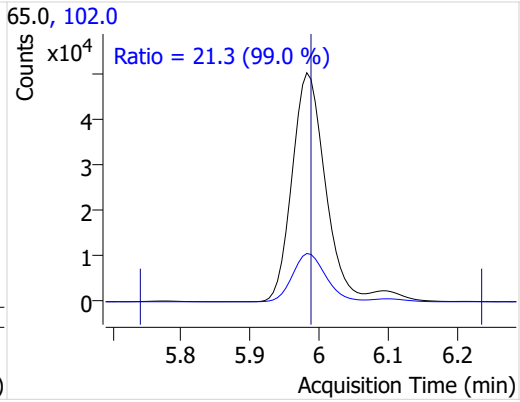


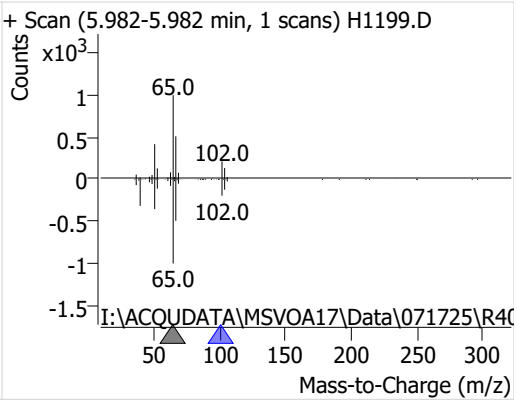




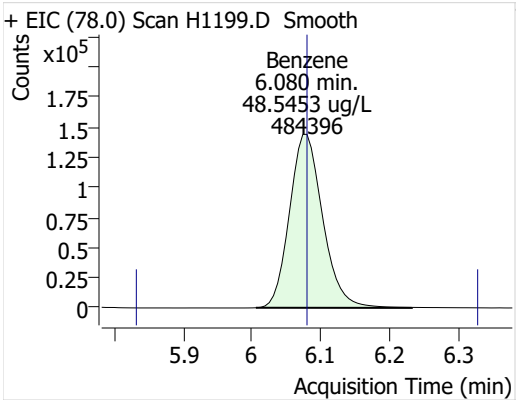
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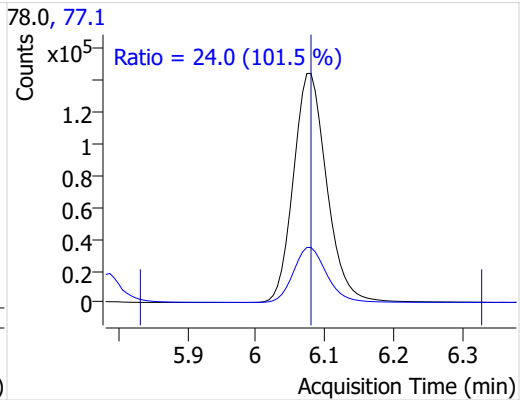


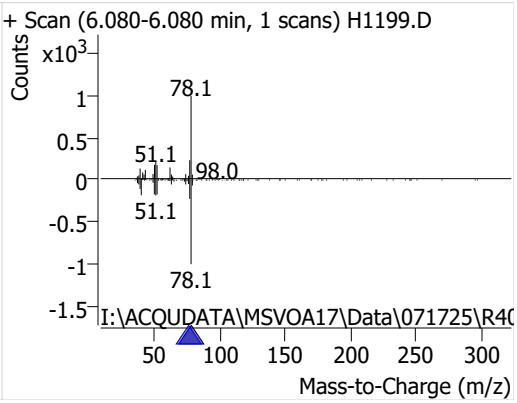




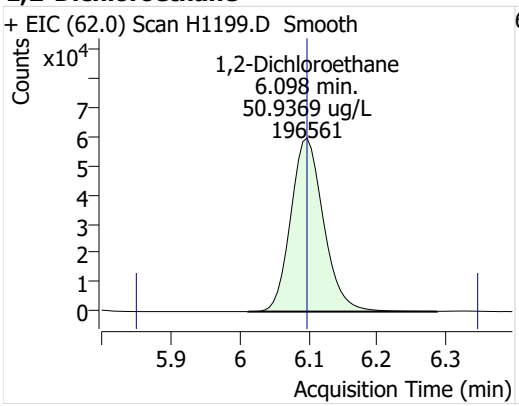
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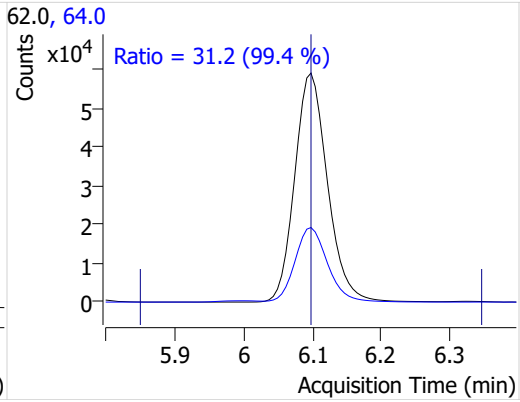


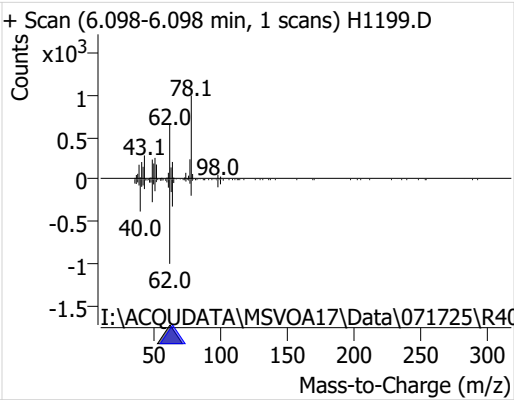




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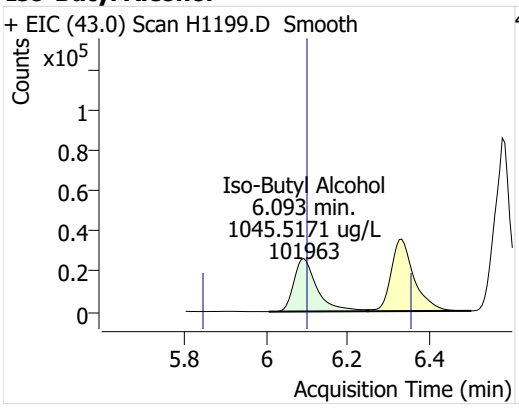


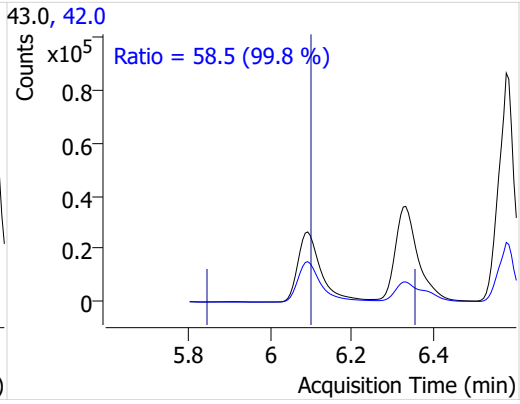


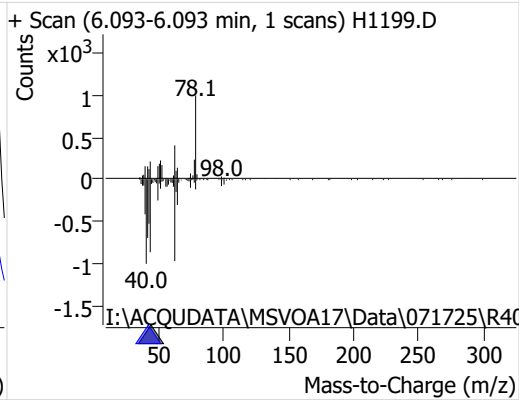


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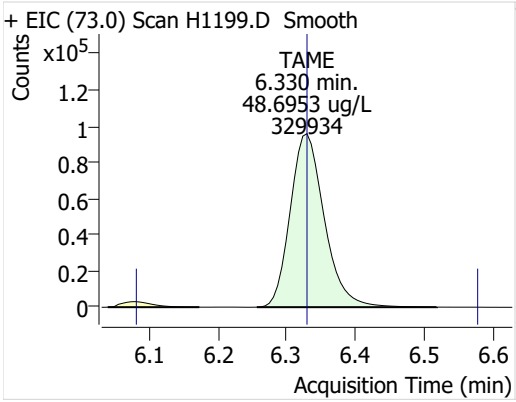
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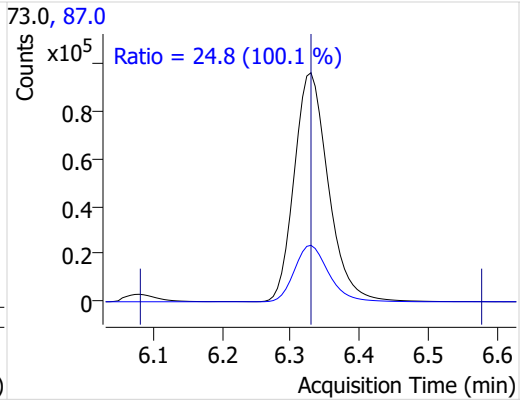


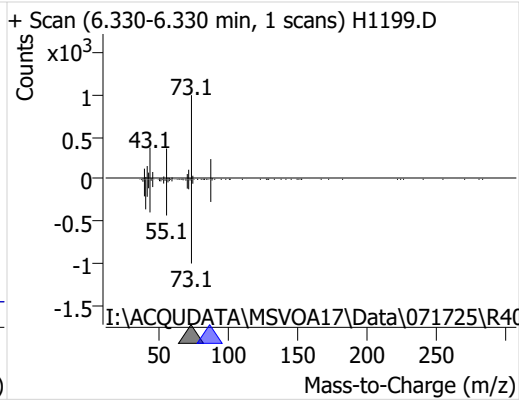




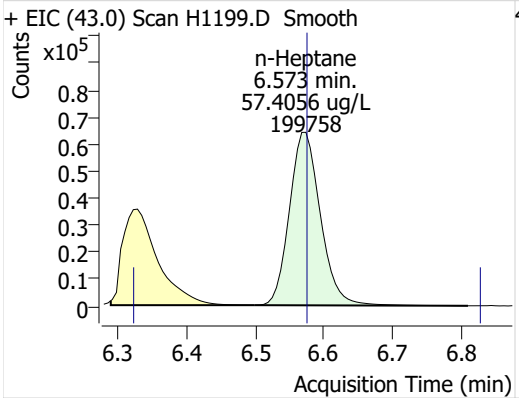
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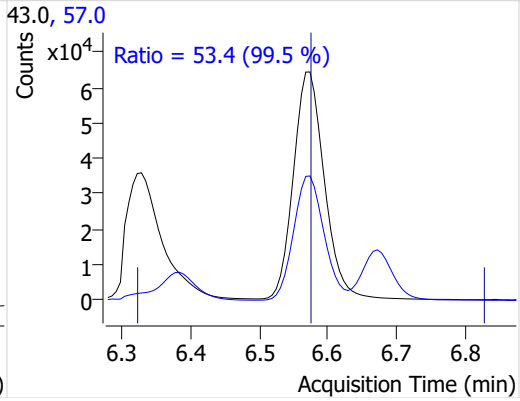


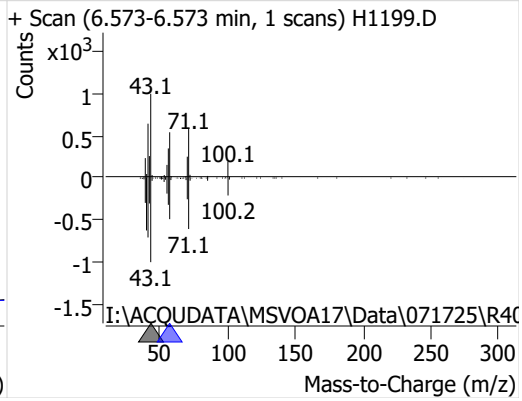




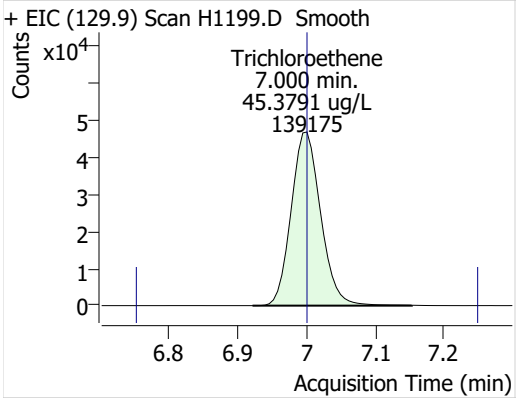
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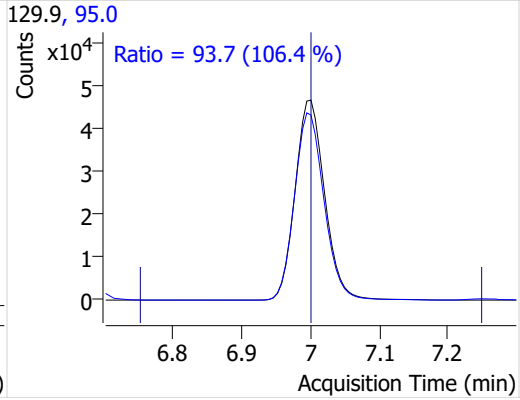


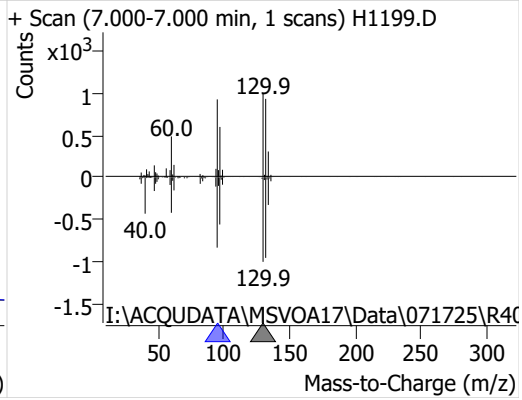




Trichloroethene

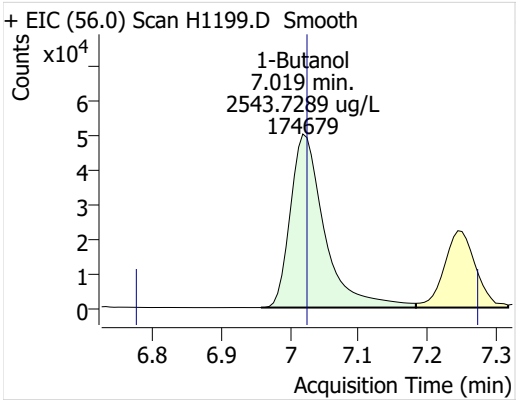


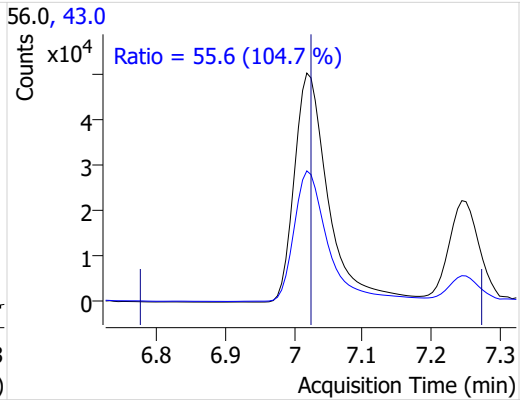


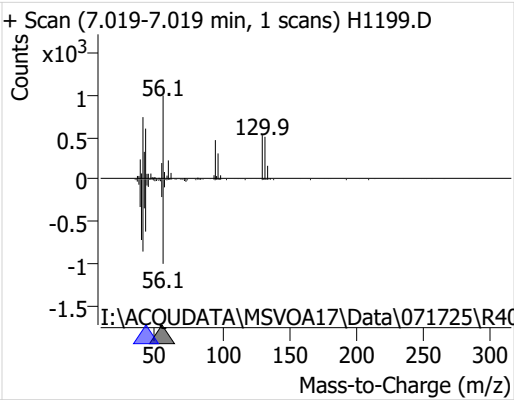


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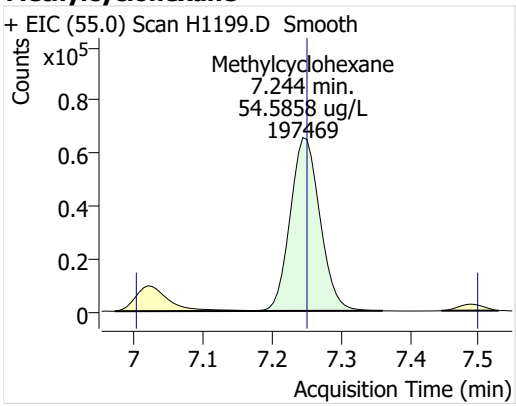
1-Butanol

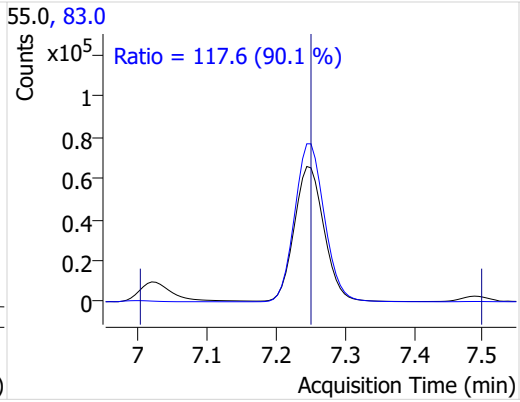


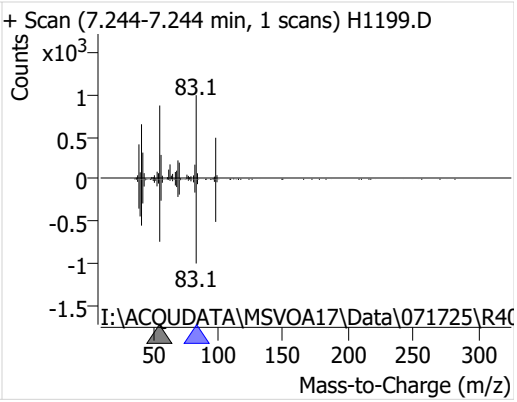




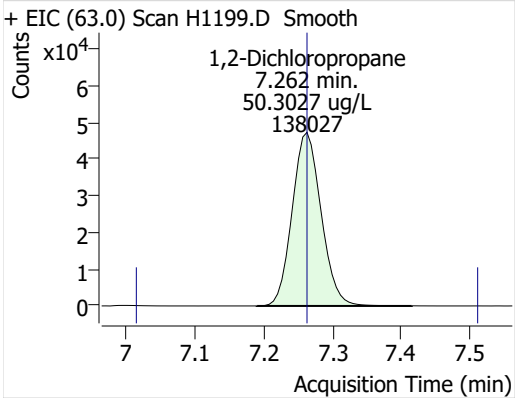
Methylcyclohexane

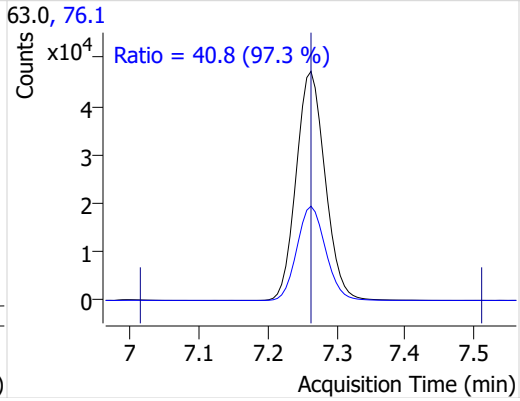


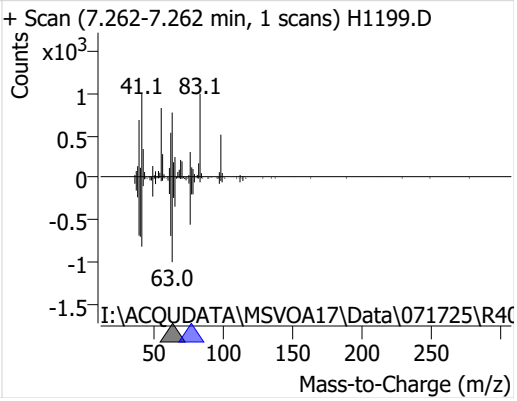




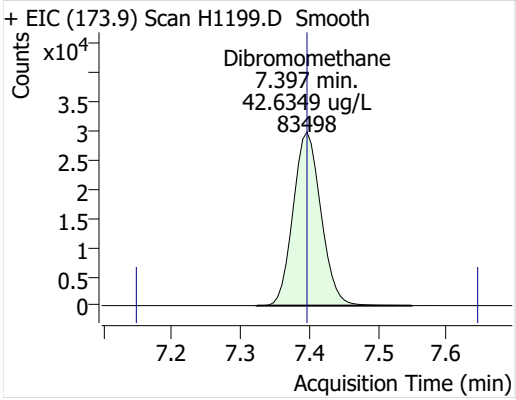
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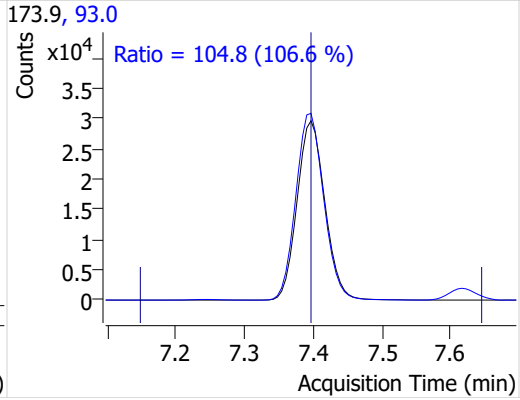


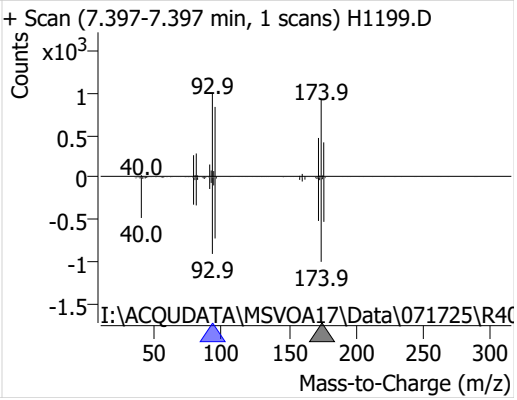




Dibromomethane

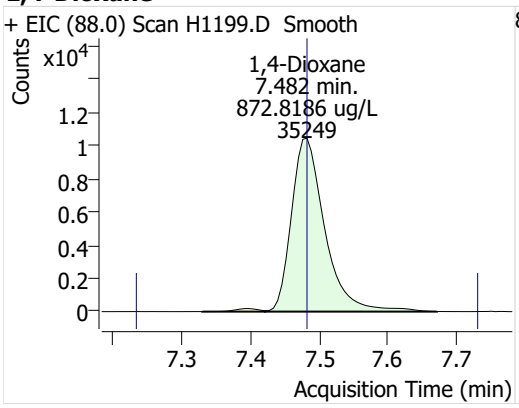


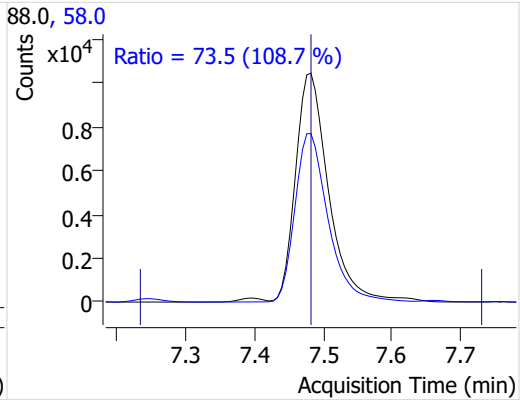


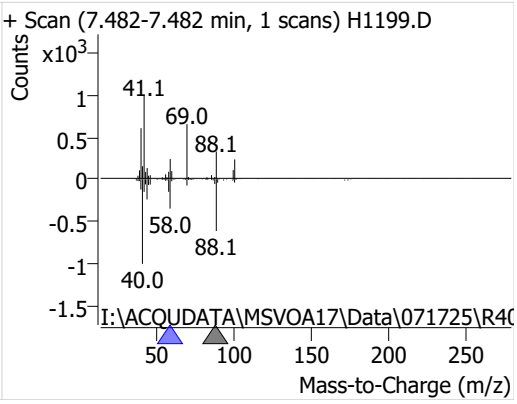


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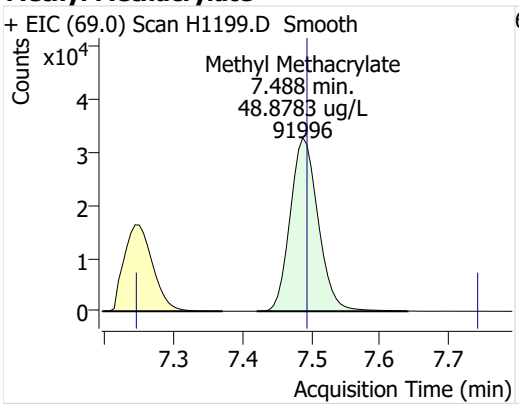
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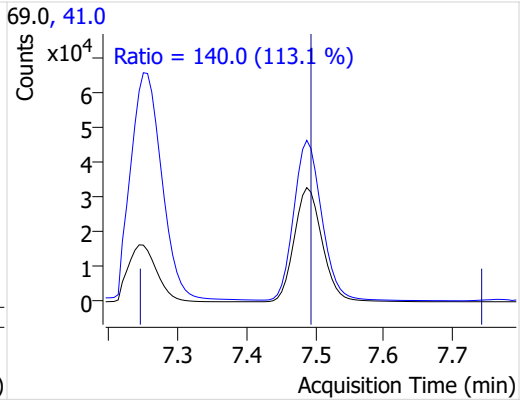


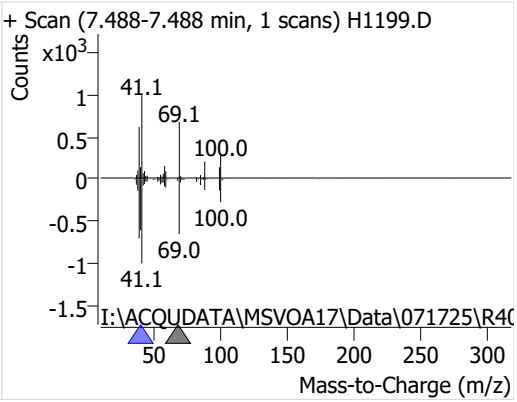




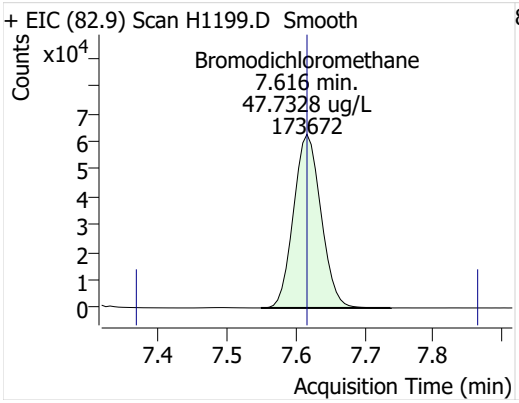
Methyl Methacrylate

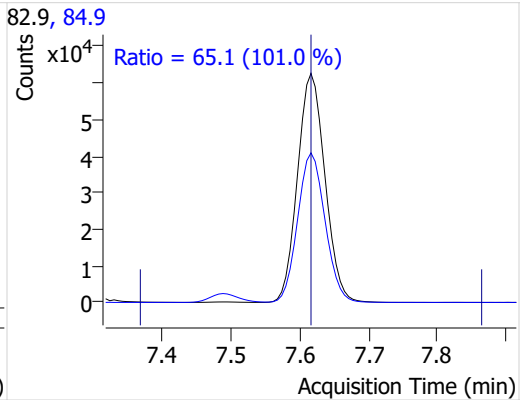


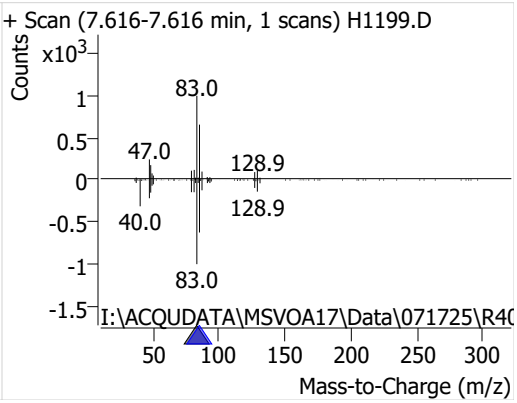




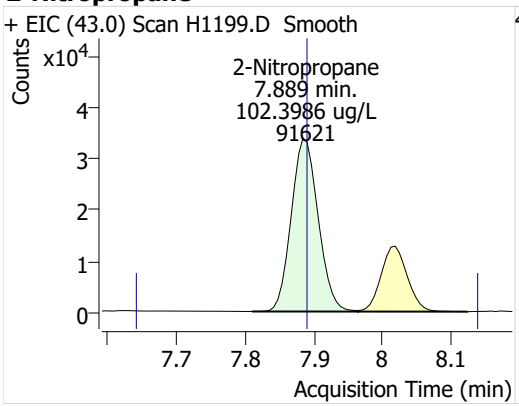
Bromodichloromethane

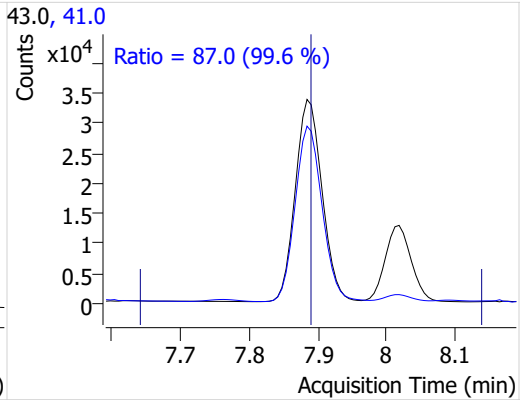


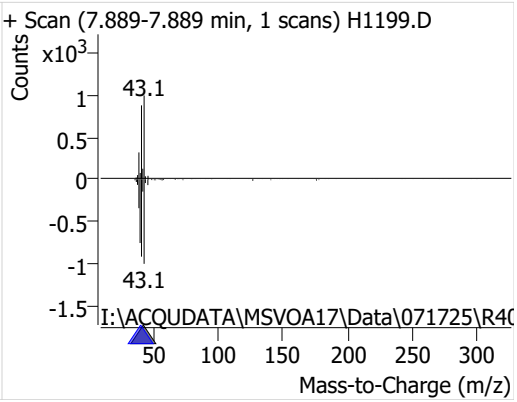




2-Nitropropane

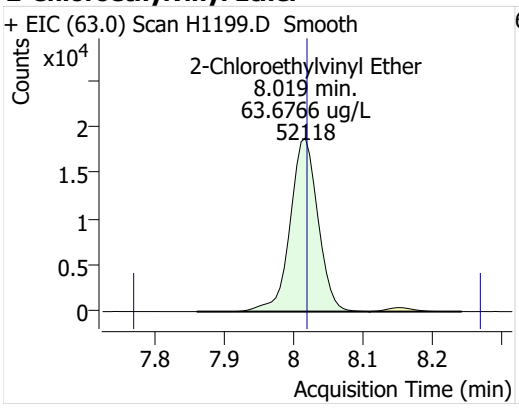


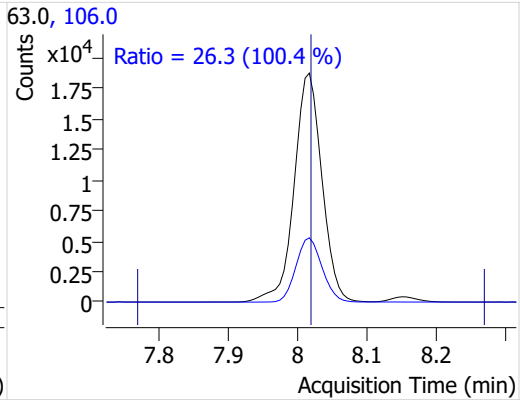


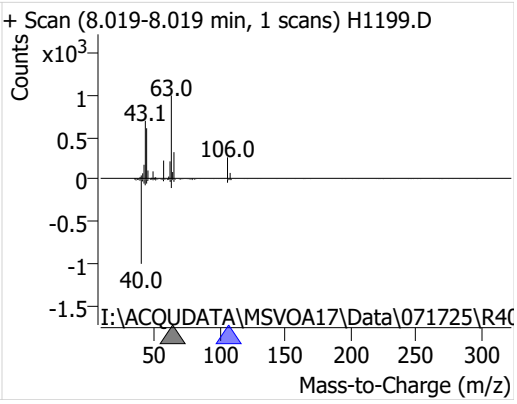


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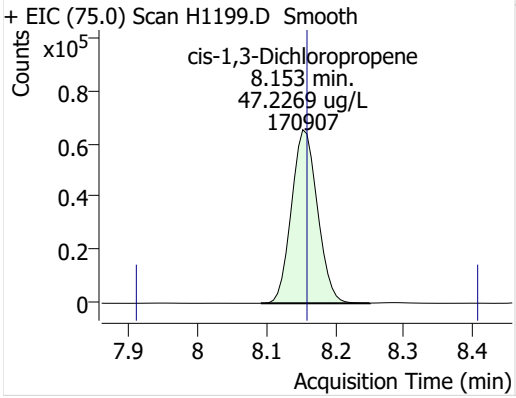
2-Chloroethylvinyl Ether

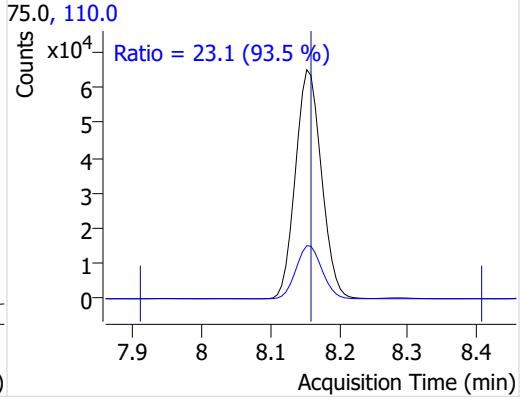


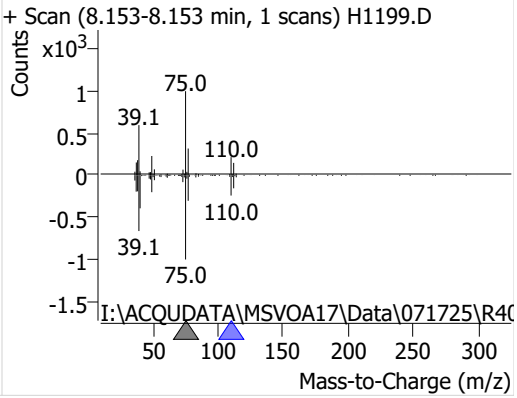




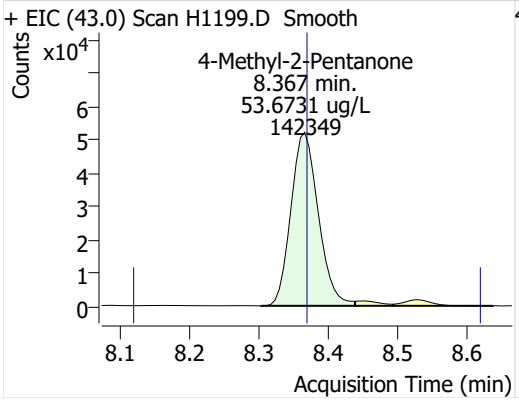
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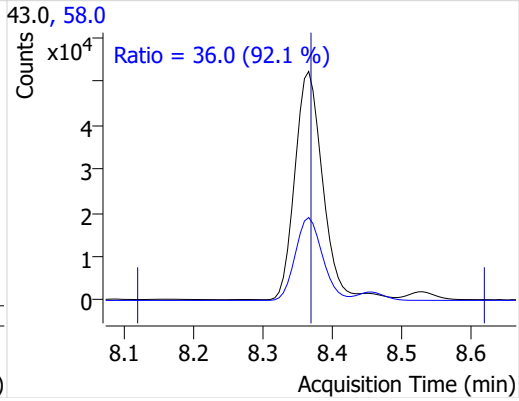


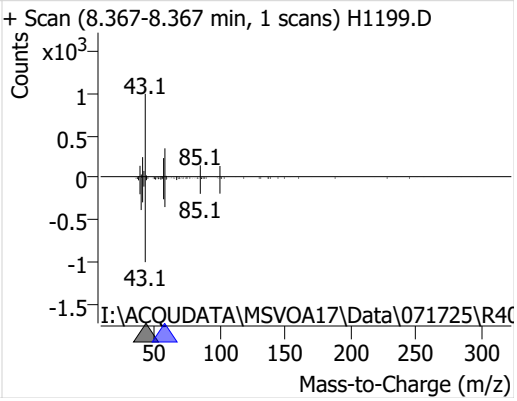




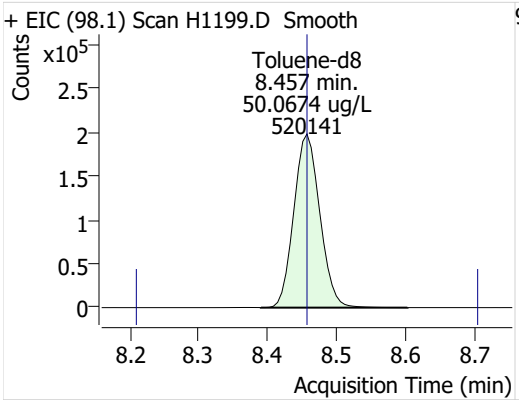
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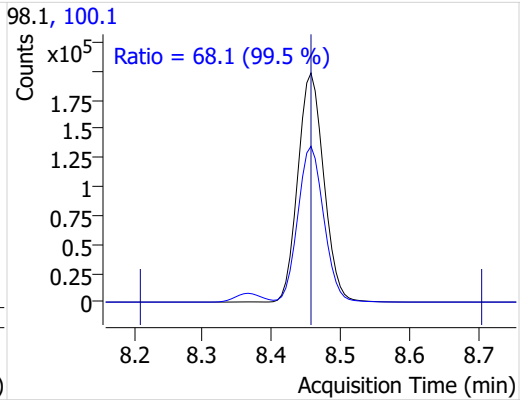


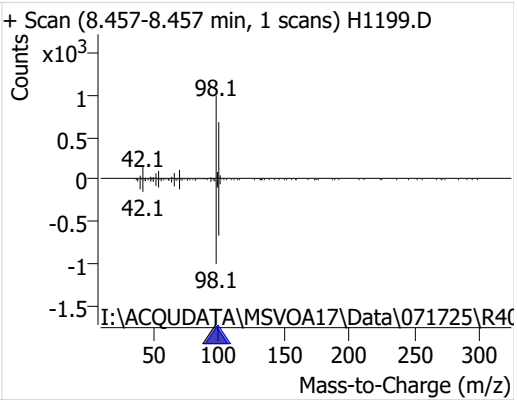




Toluene-d8

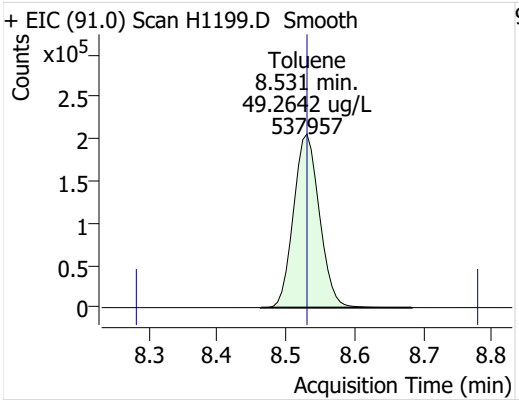


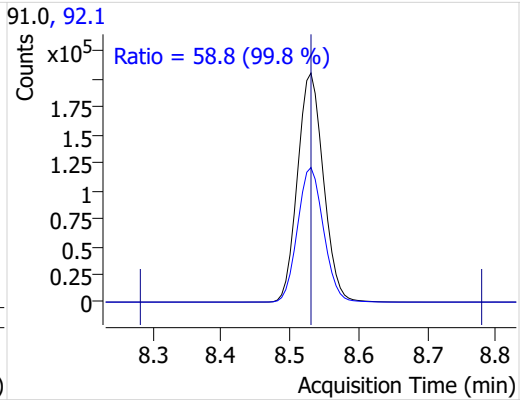


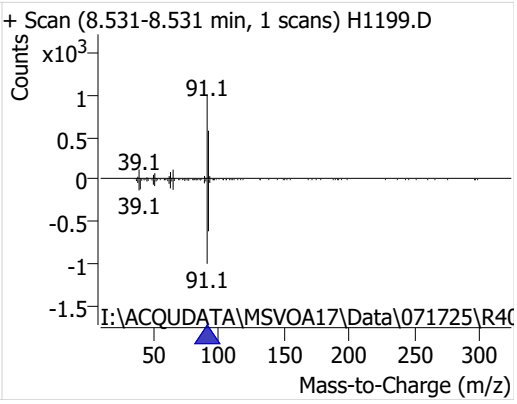


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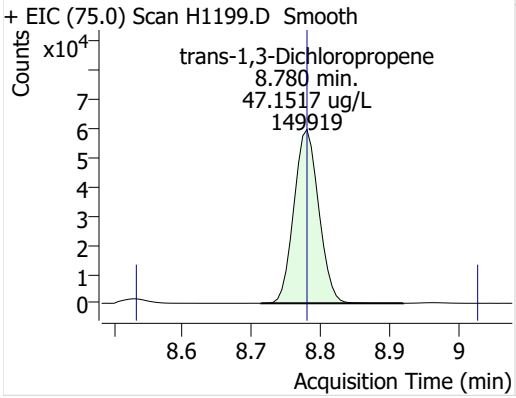
Toluene

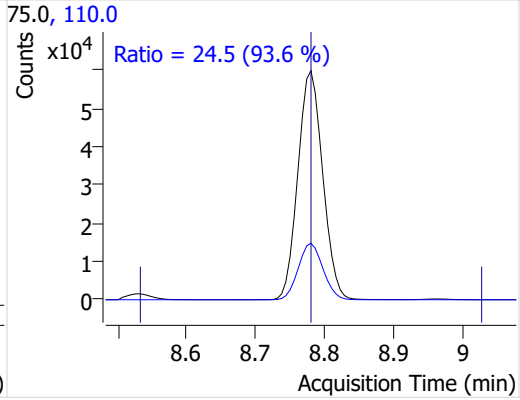


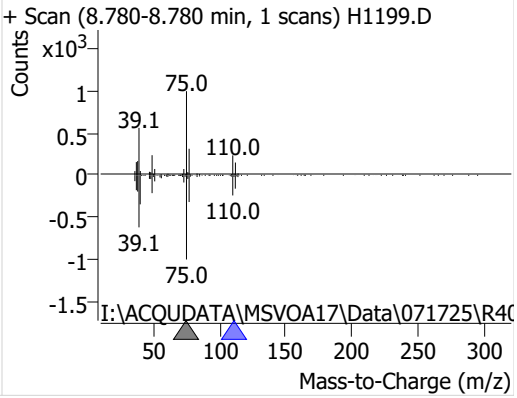




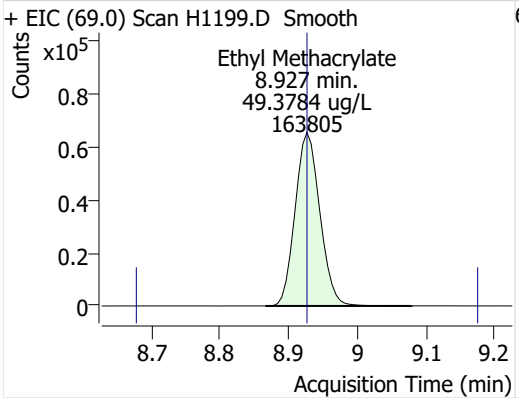
trans-1,3-Dichloropropene

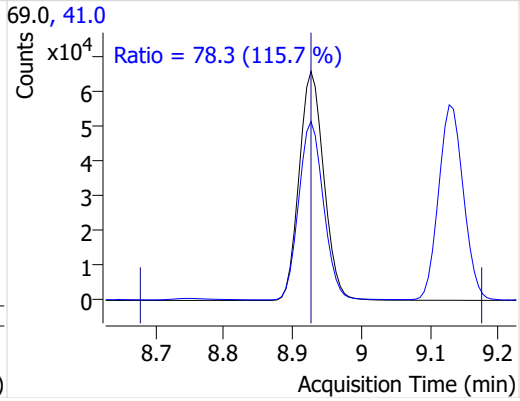


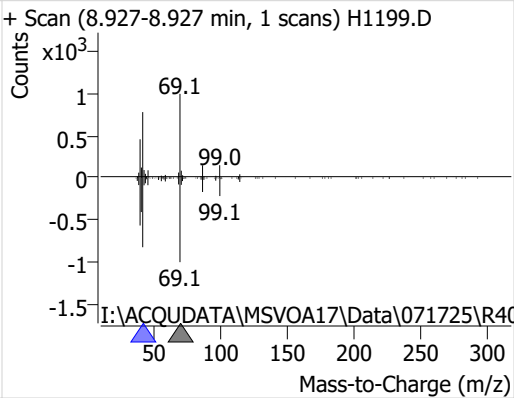




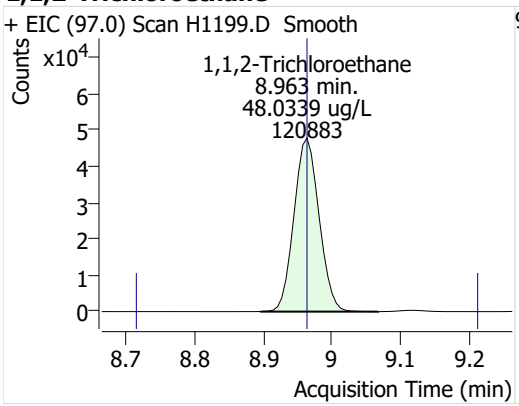
Ethyl Methacrylate

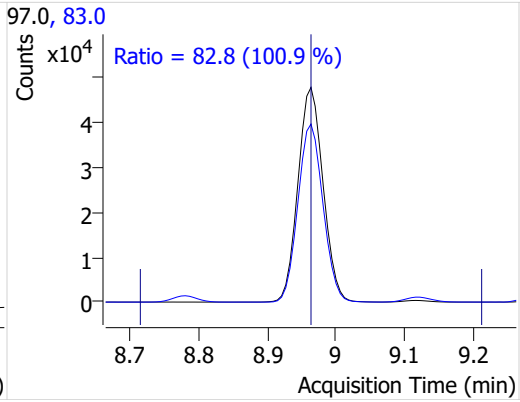


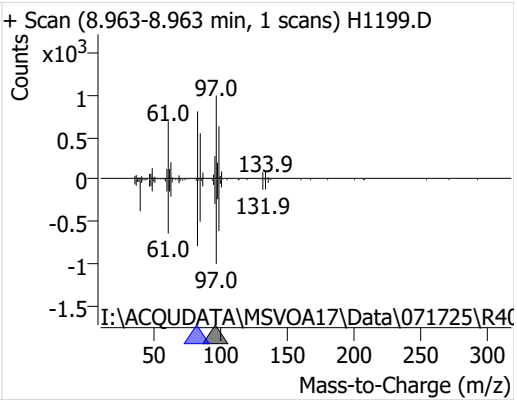




1,1,2-Trichloroethane

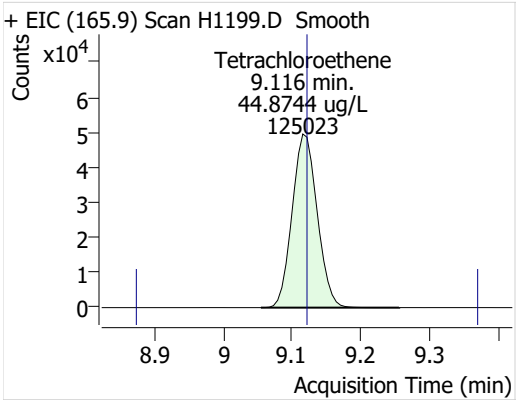


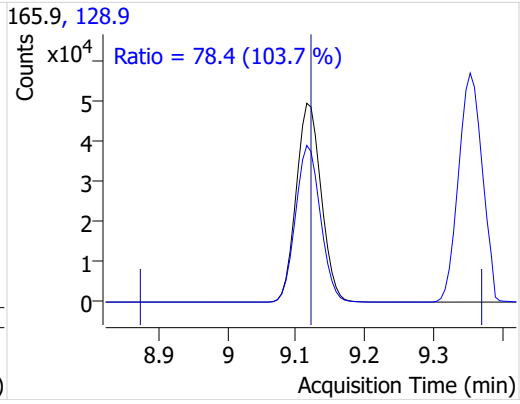


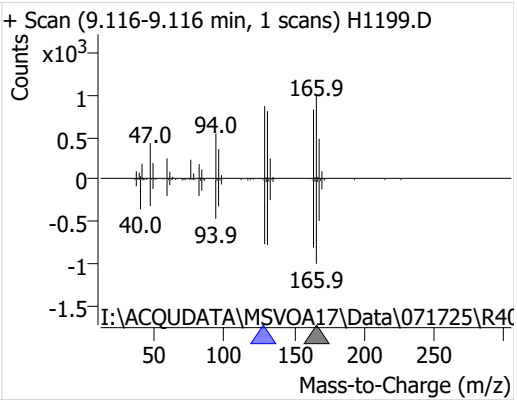


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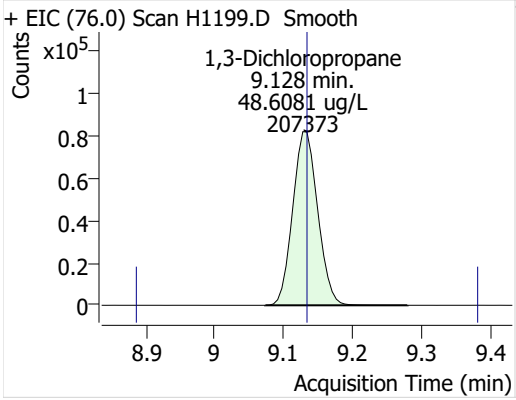
Tetrachloroethene

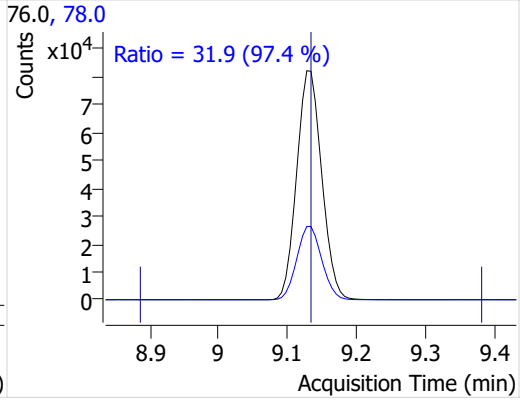


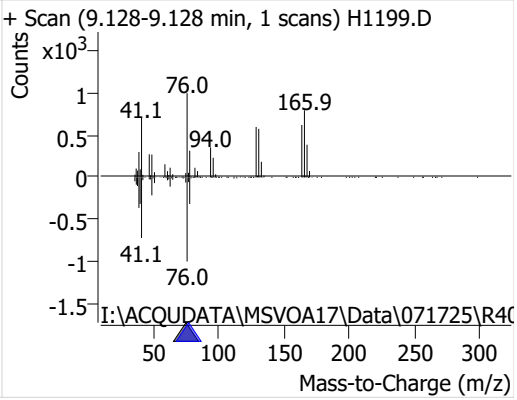




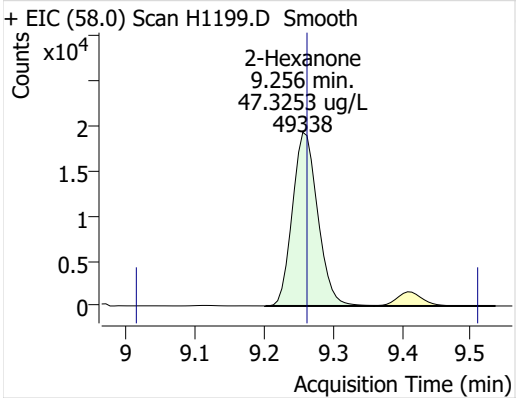
1,3-Dichloropropane

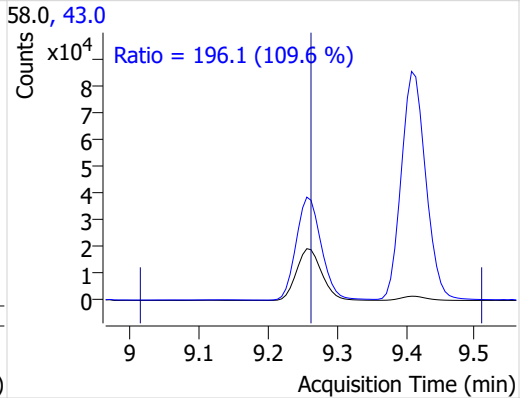


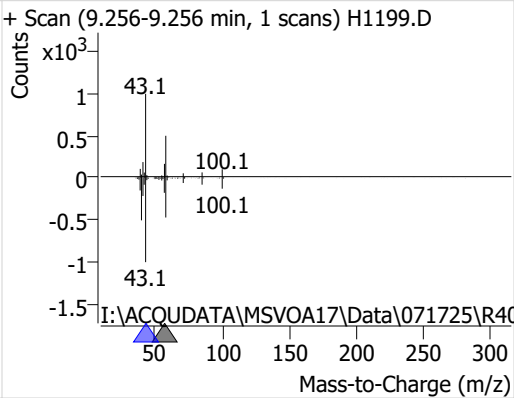




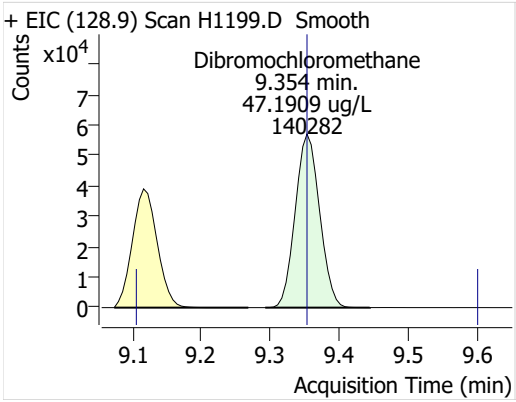
2-Hexanone

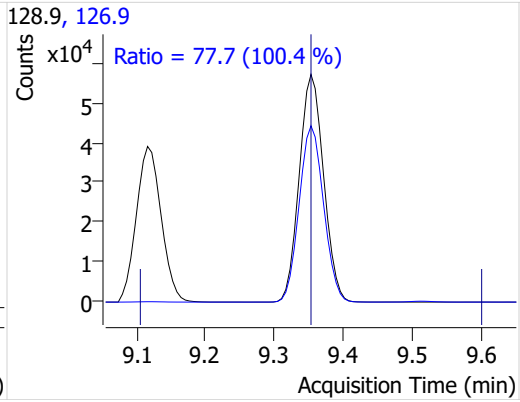


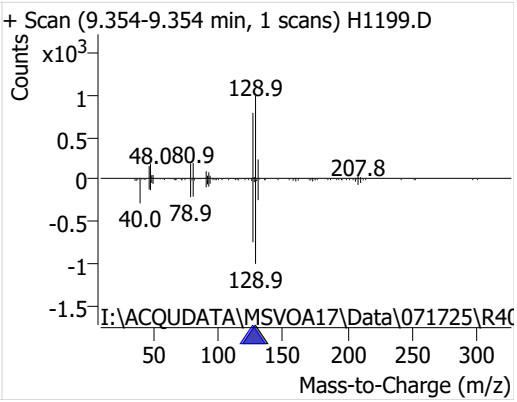




Dibromochloromethane

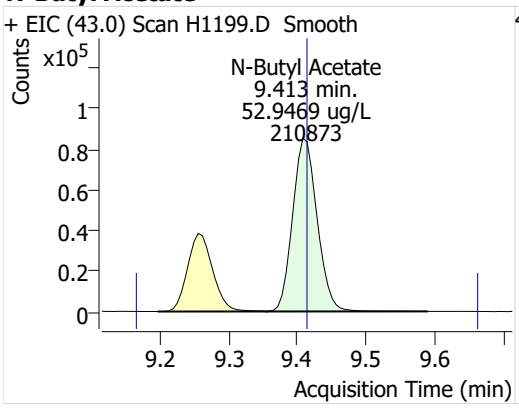


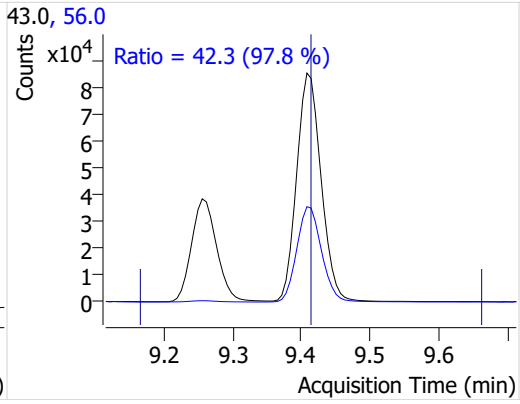


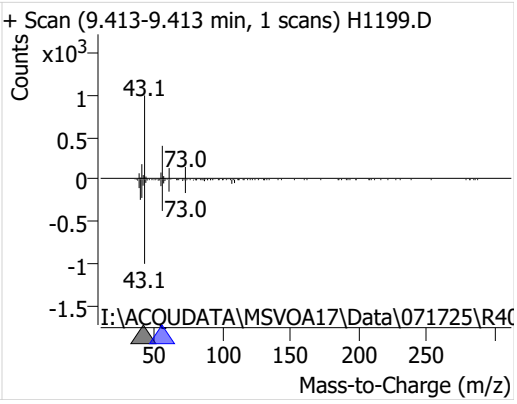


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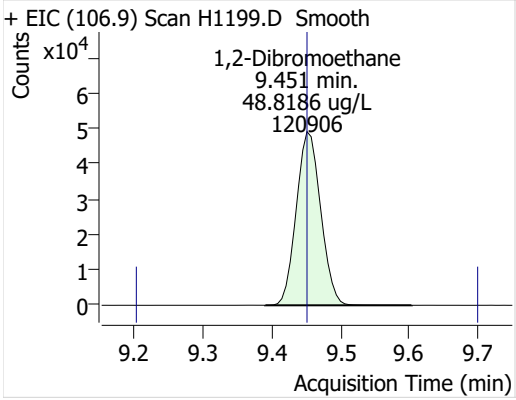
N-Butyl Acetate

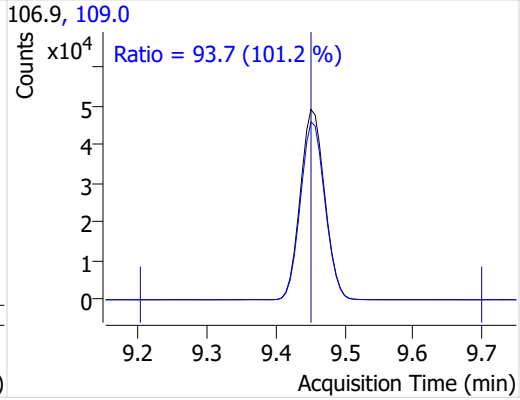


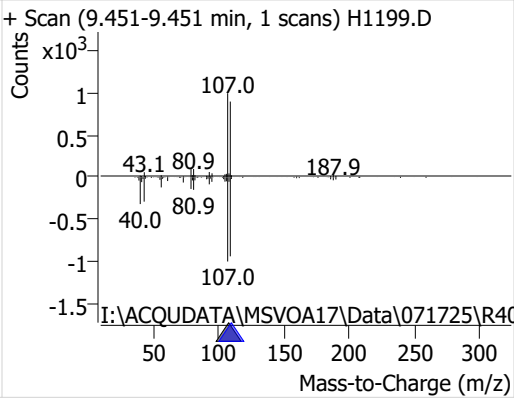




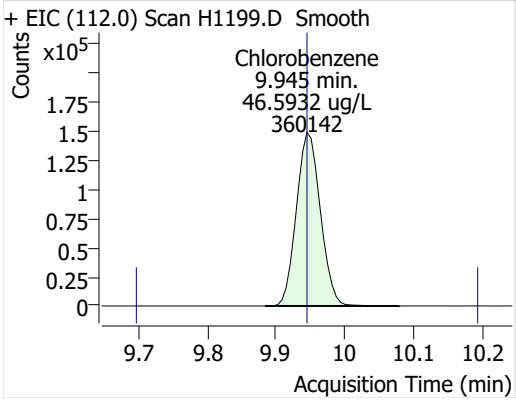
1,2-Dibromoethane

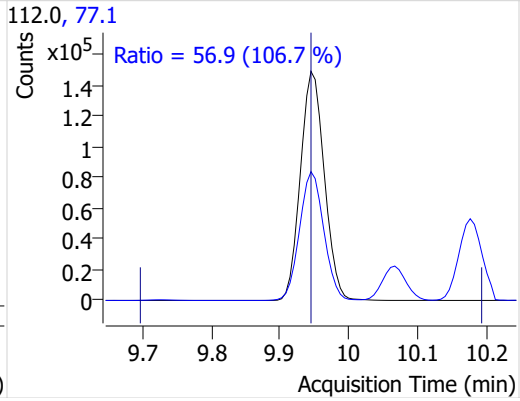


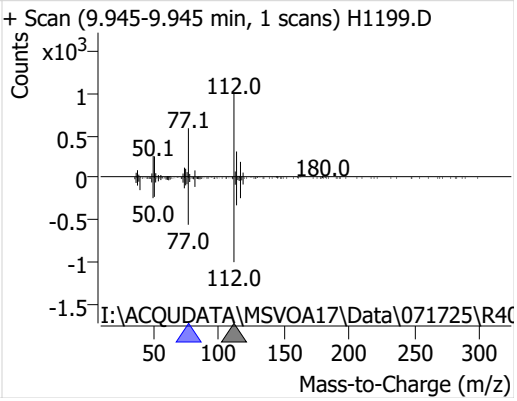




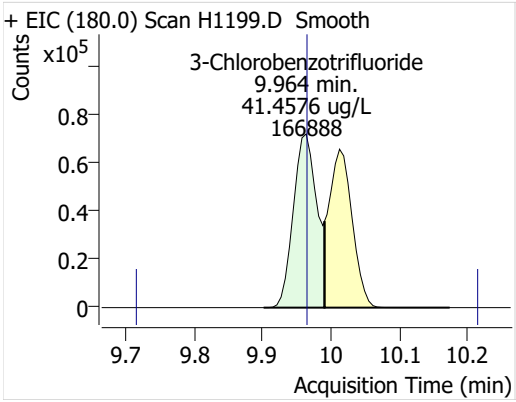
Chlorobenzene

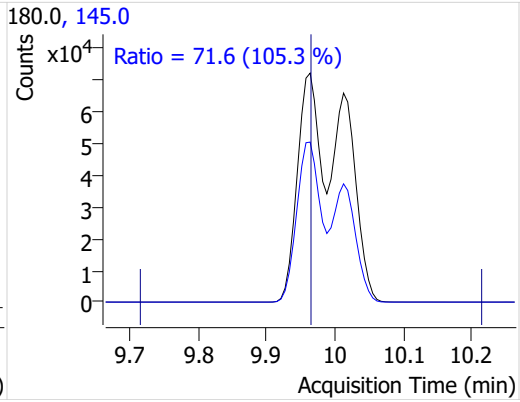


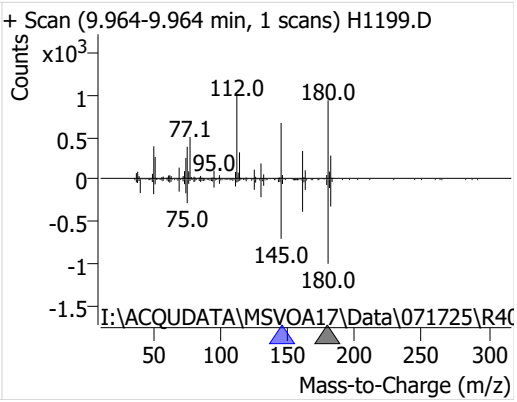




3-Chlorobenzotrifluoride

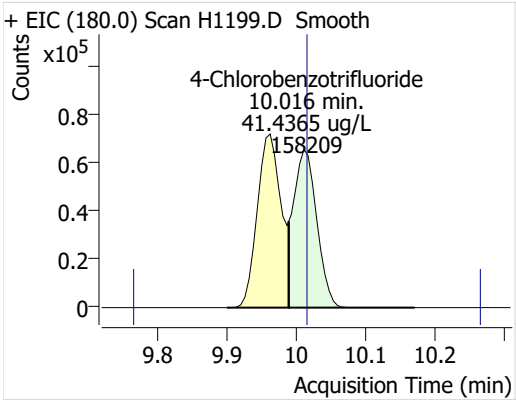


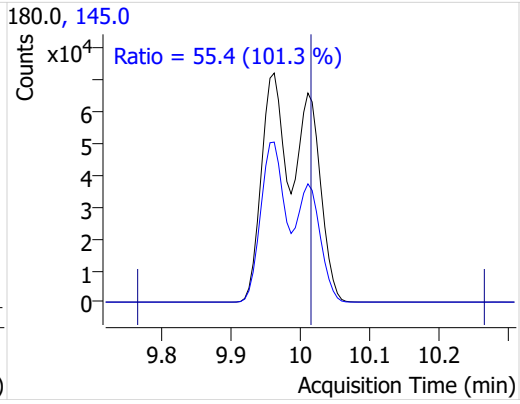


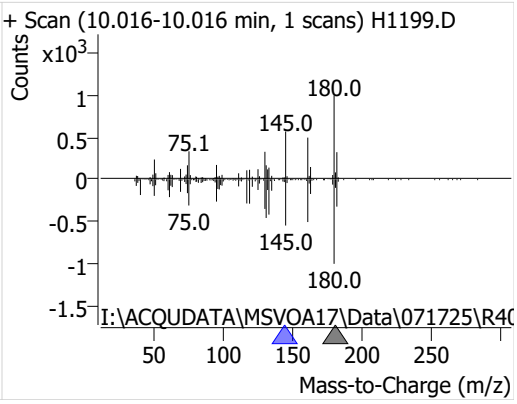


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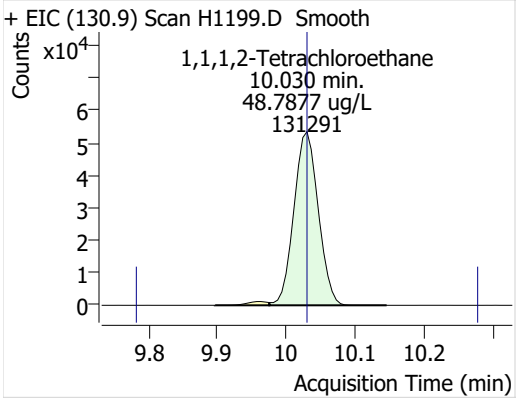
4-Chlorobenzotrifluoride

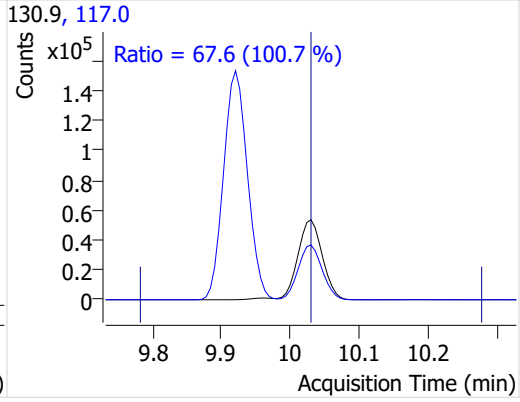


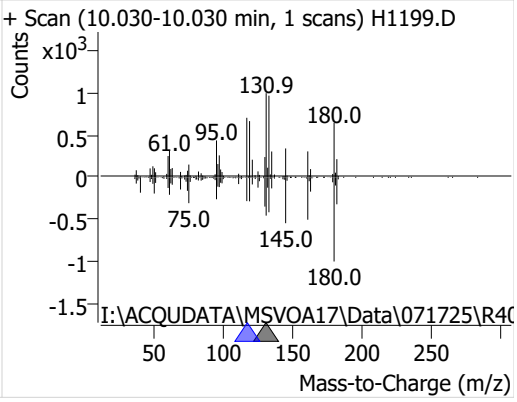




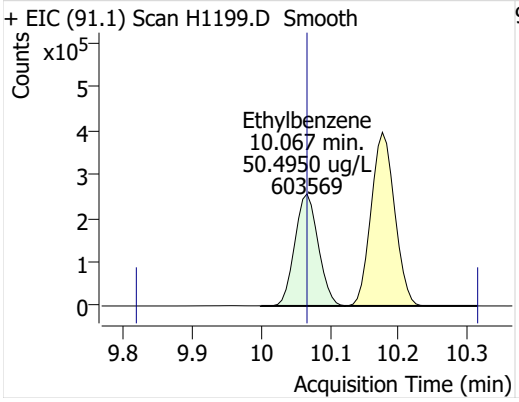
1,1,1,2-Tetrachloroethane

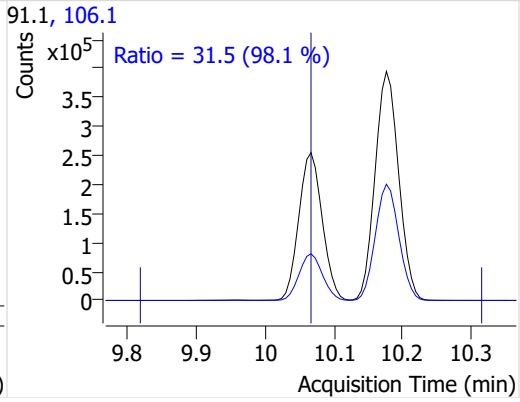


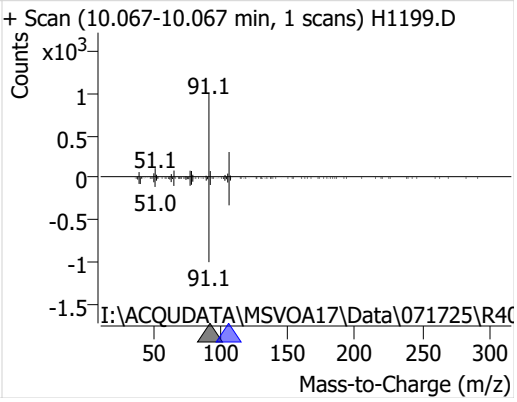




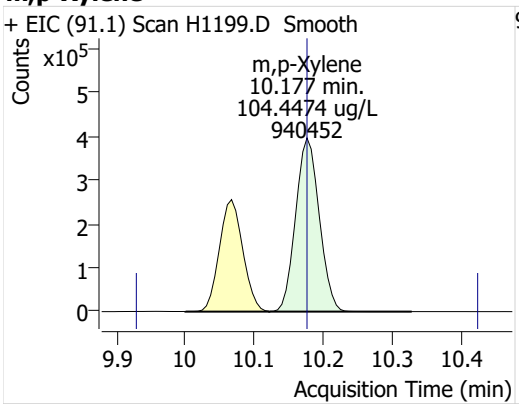
Ethylbenzene

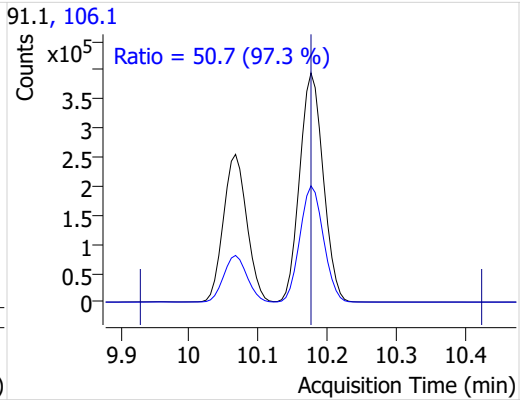


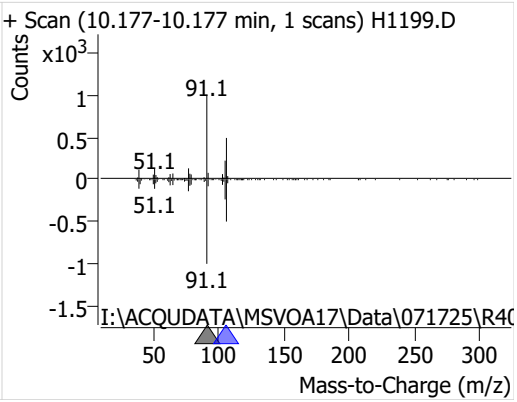




m,p-Xylene

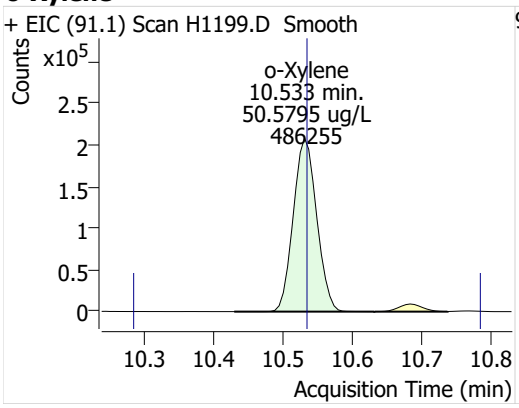


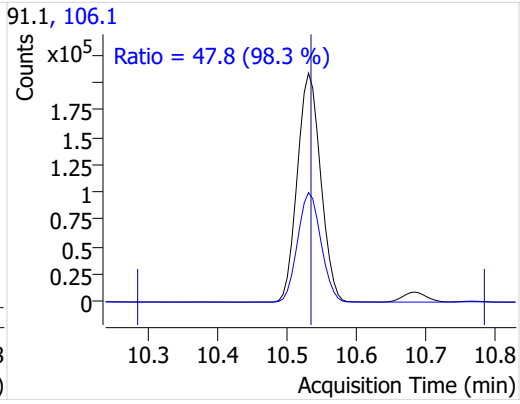


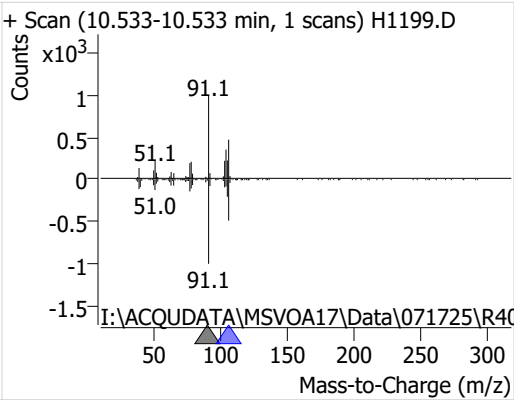


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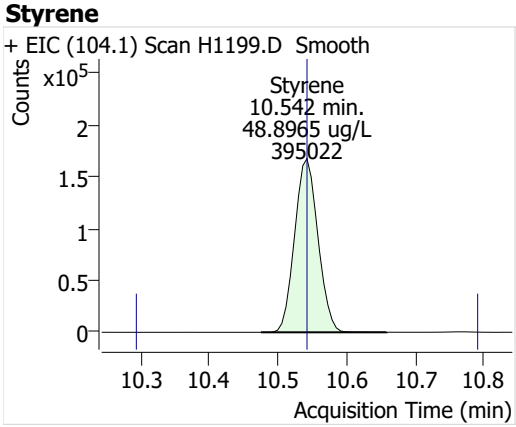
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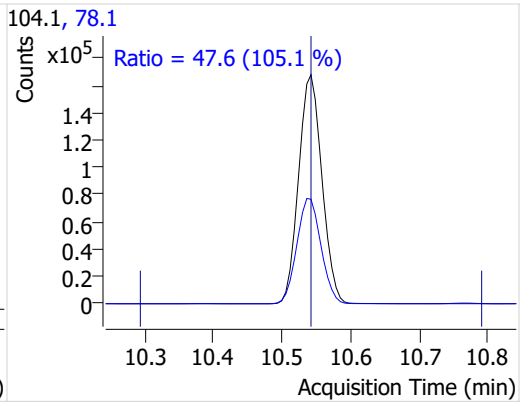


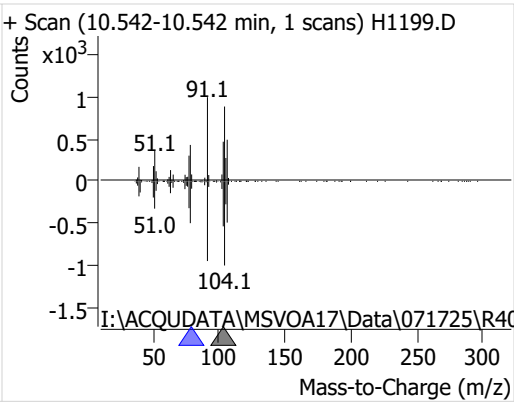




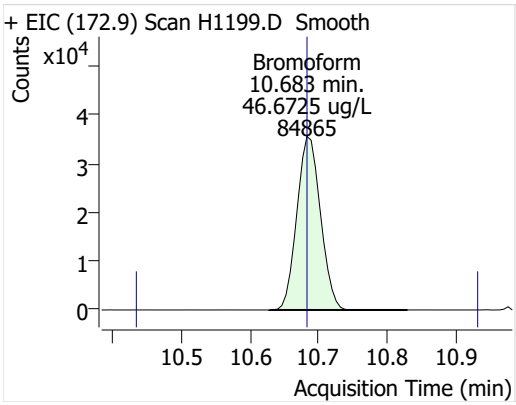
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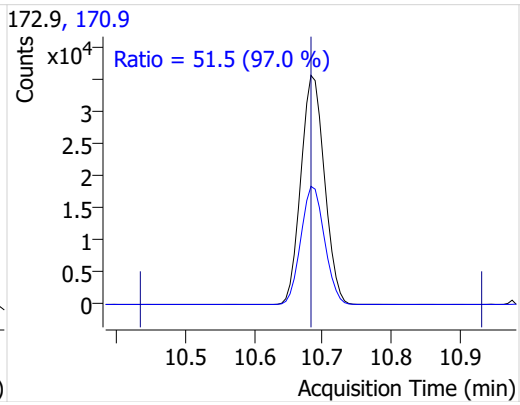


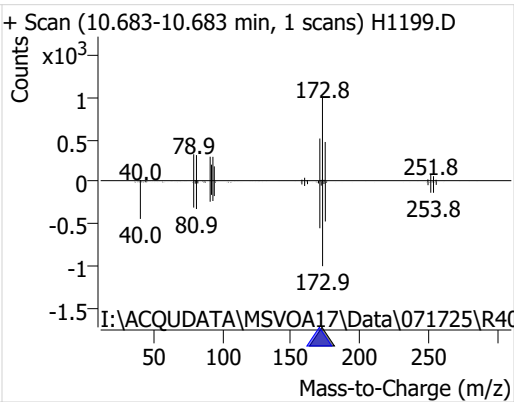




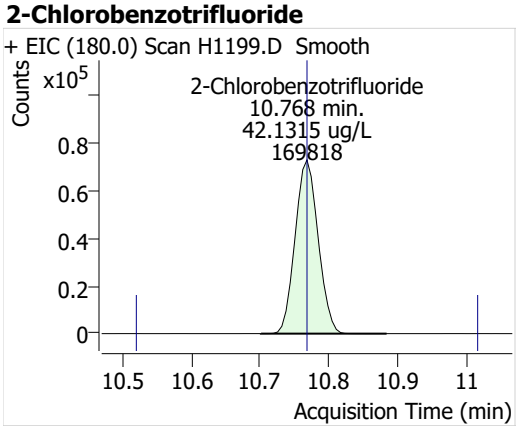
Bromoform

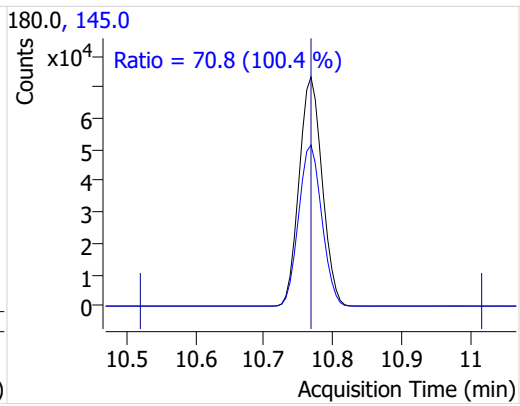


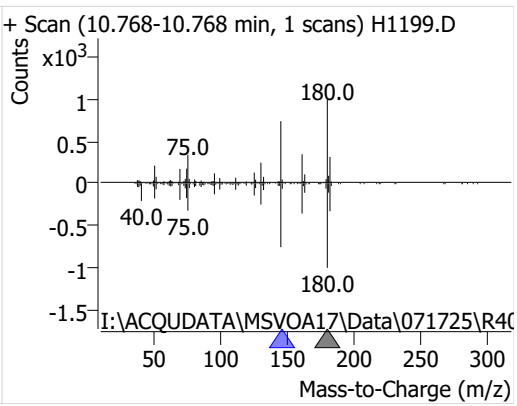




2-Chlorobenzotrifluoride

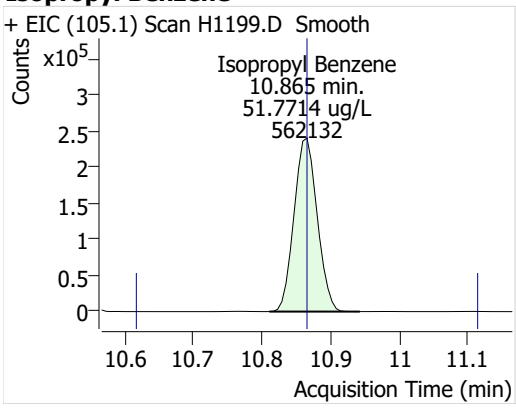


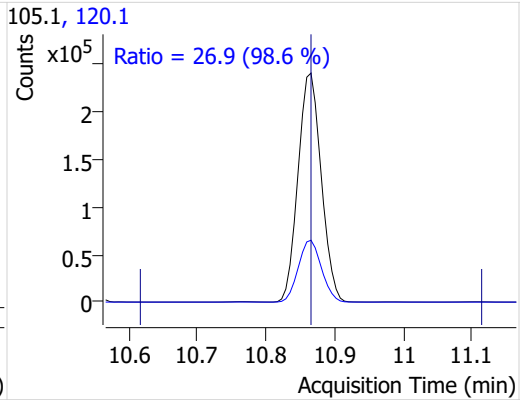


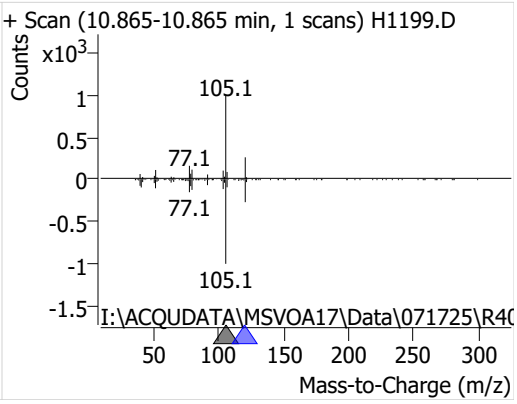


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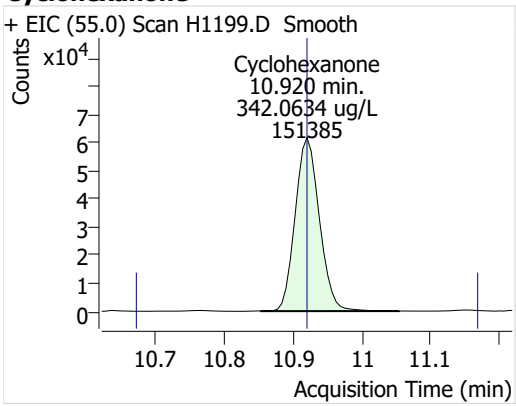
Isopropyl Benzene

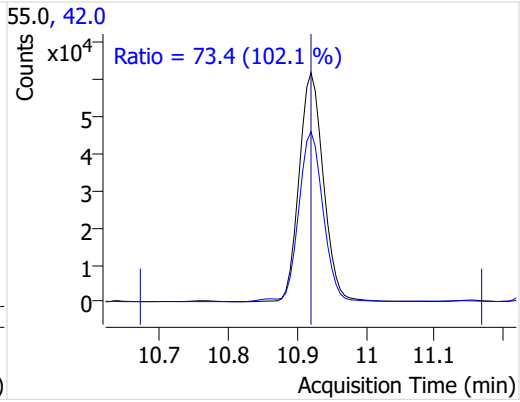


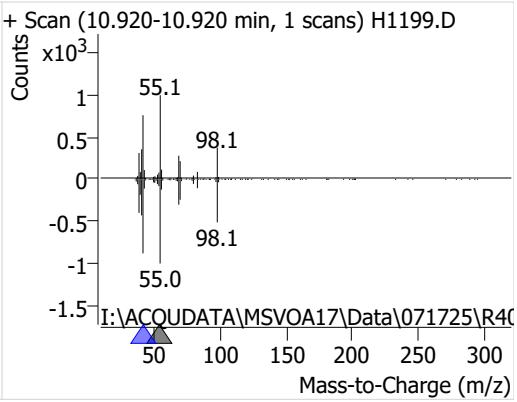




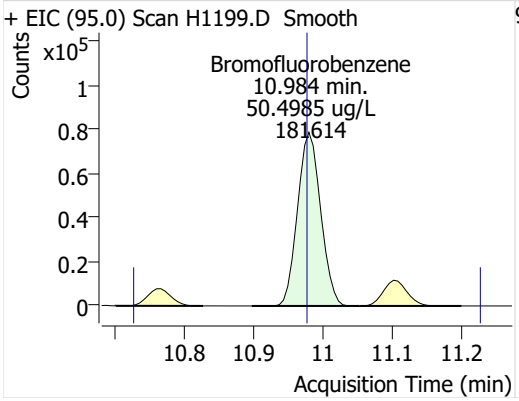
Cyclohexanone

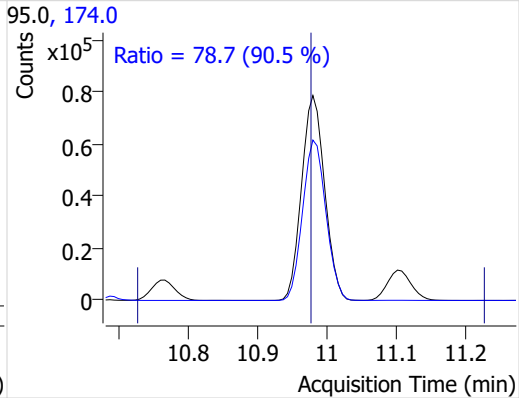


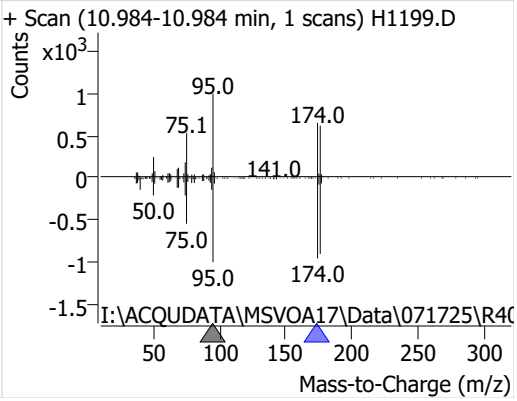




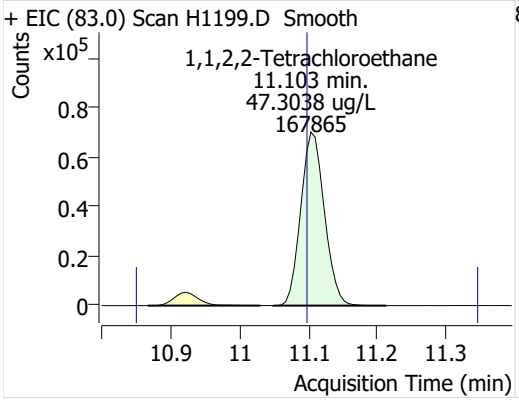
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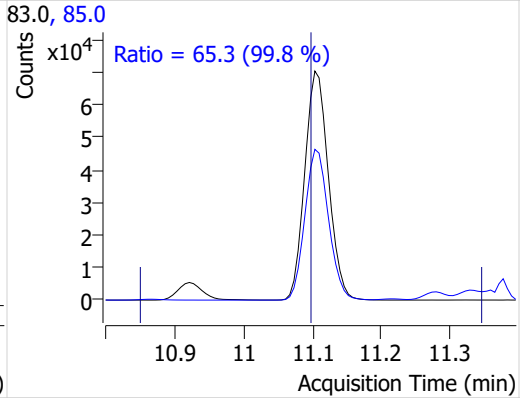


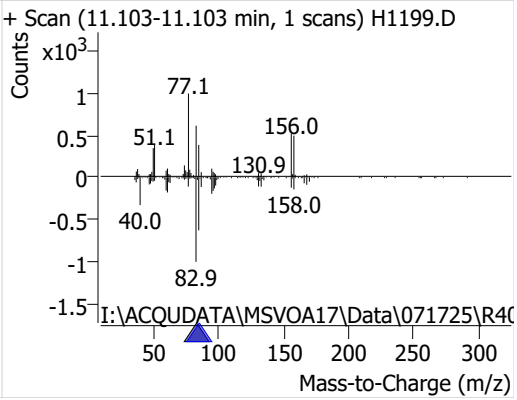




1,1,2,2-Tetrachloroethane

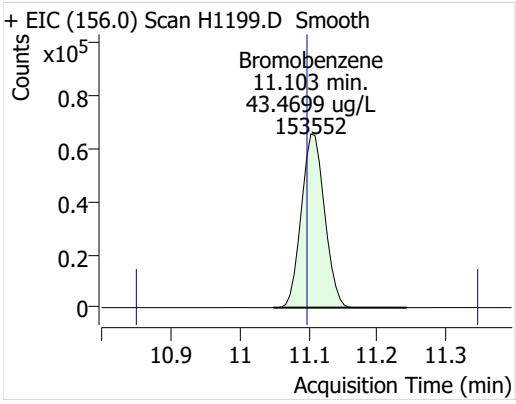


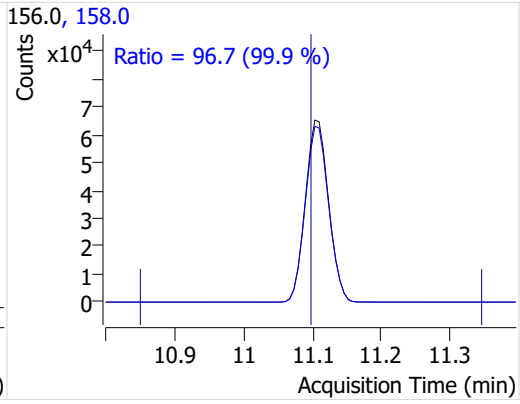


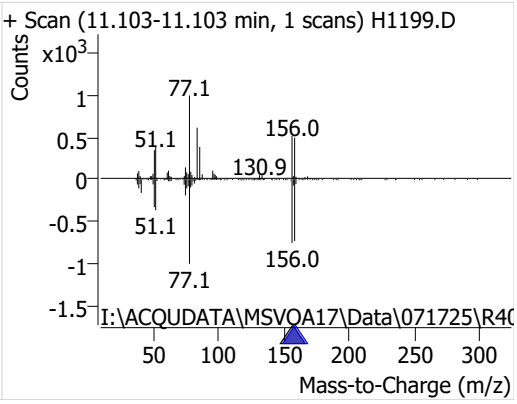


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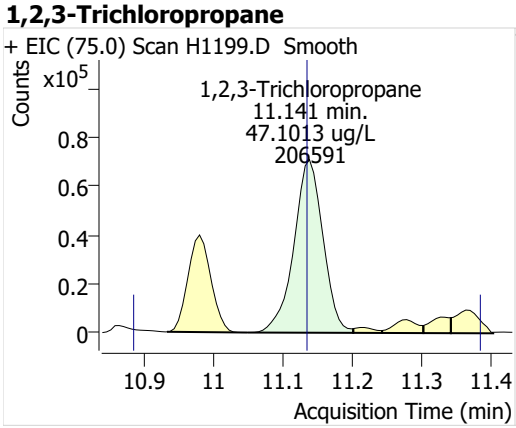
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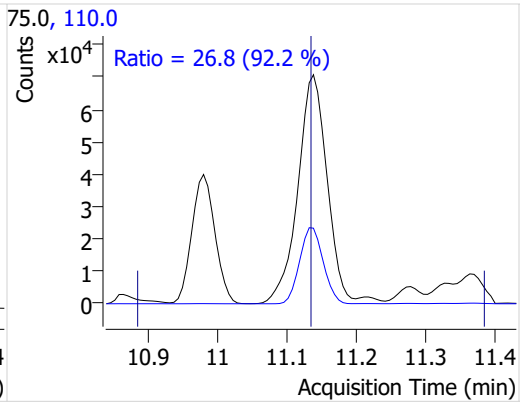


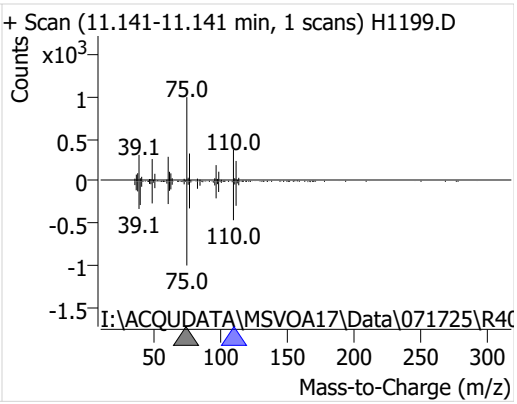




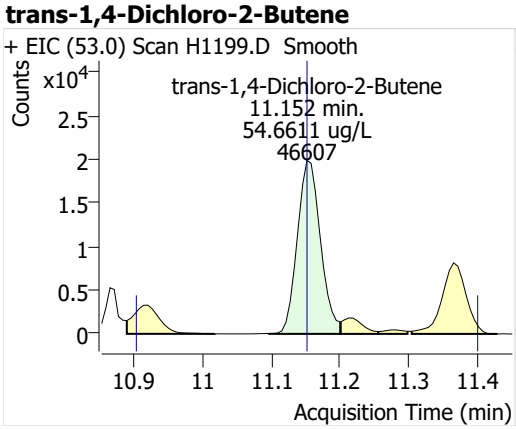
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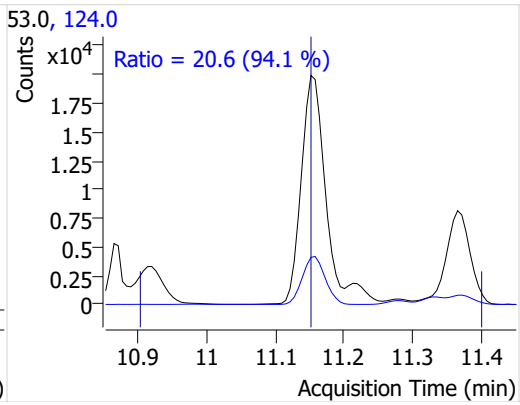


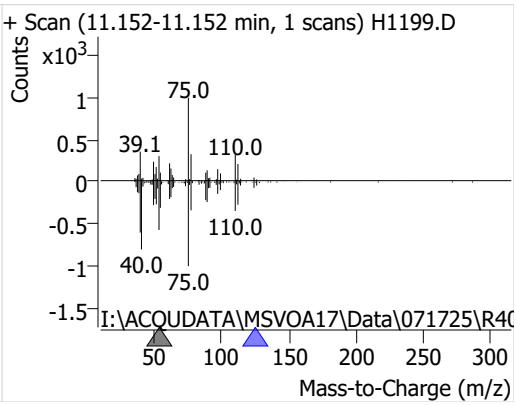




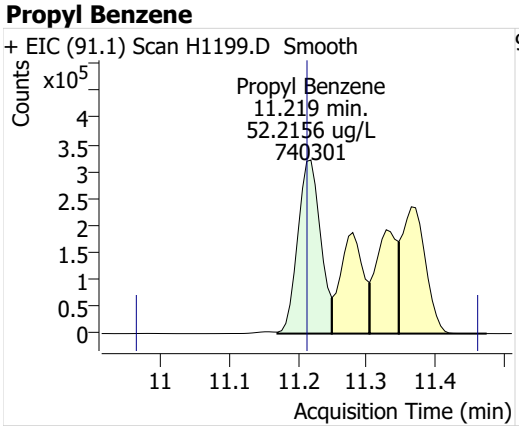
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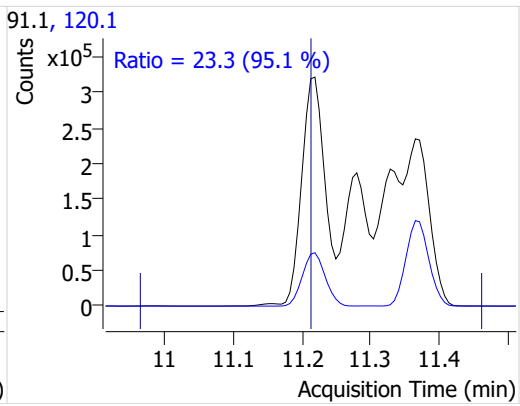


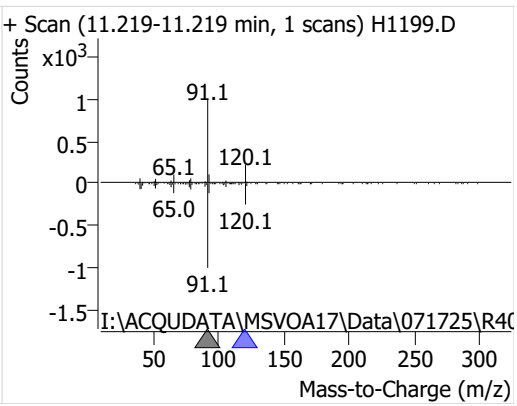




Propyl Benzene

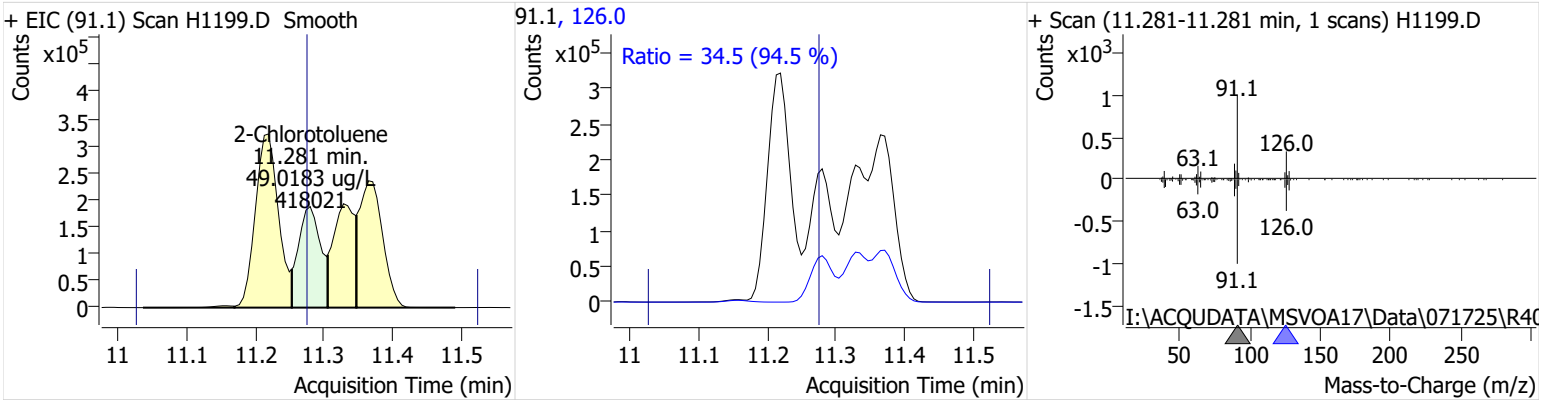




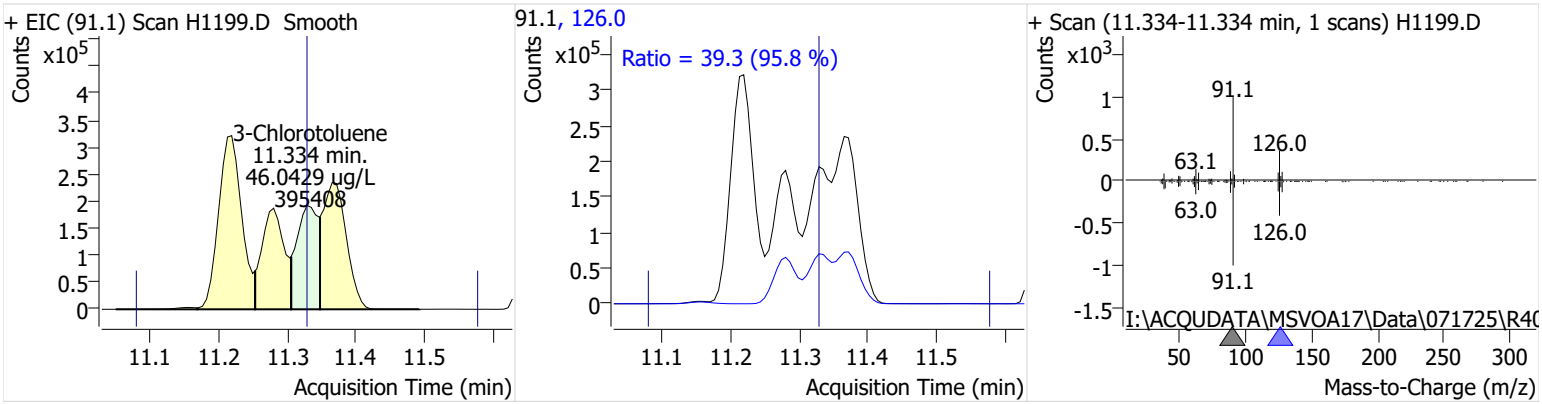


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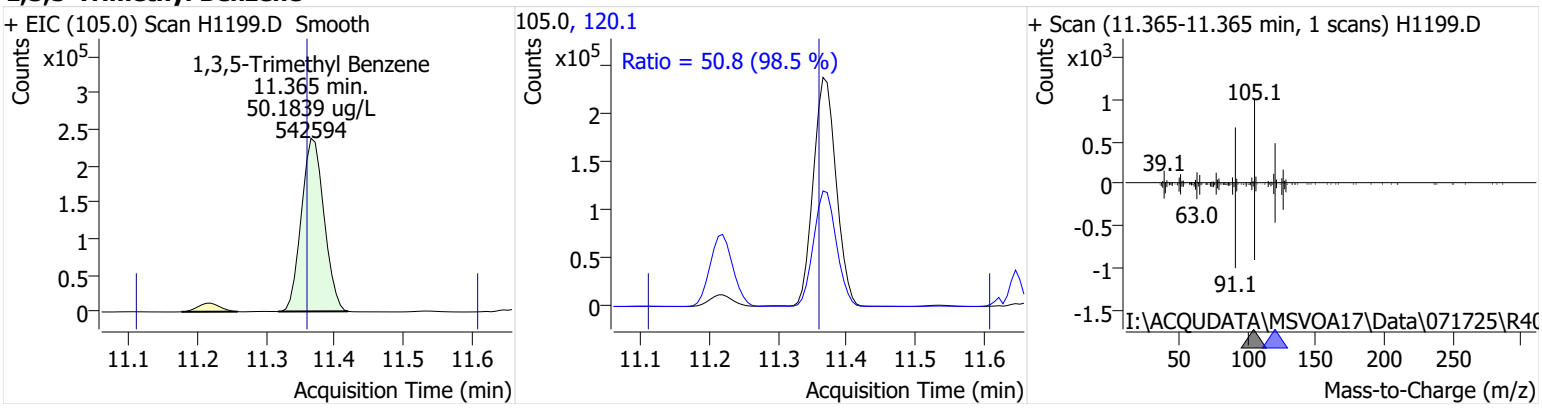
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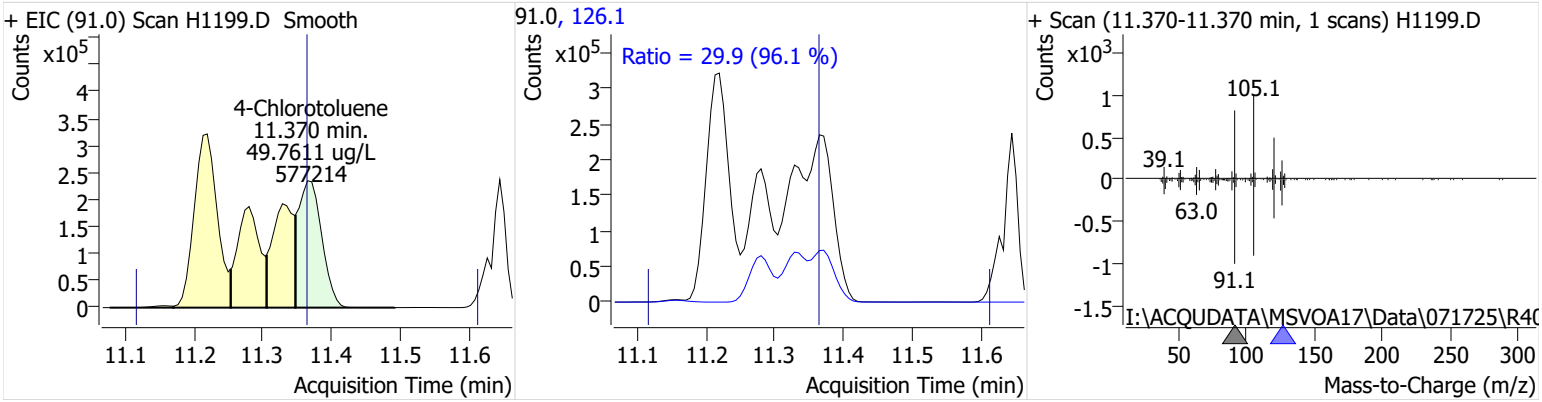
3-Chlorotoluene



1,3,5-Trimethyl Benzene

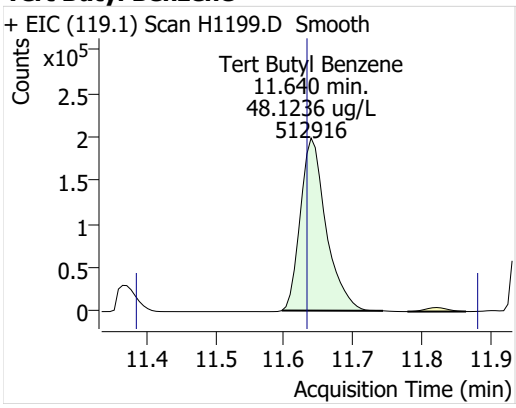


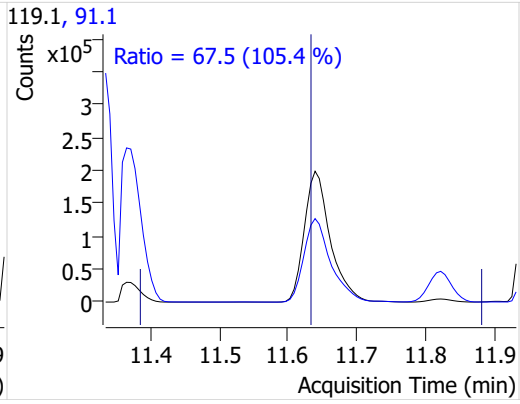
4-Chlorotoluene

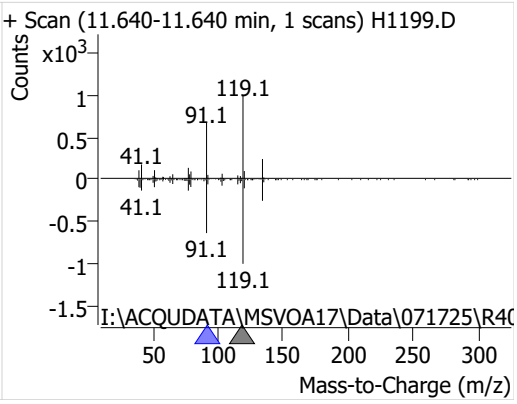


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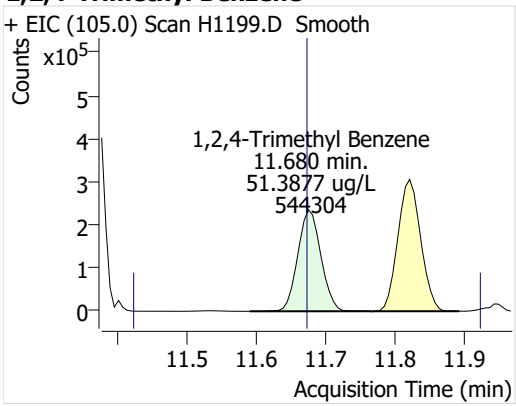
Tert Butyl Benzene

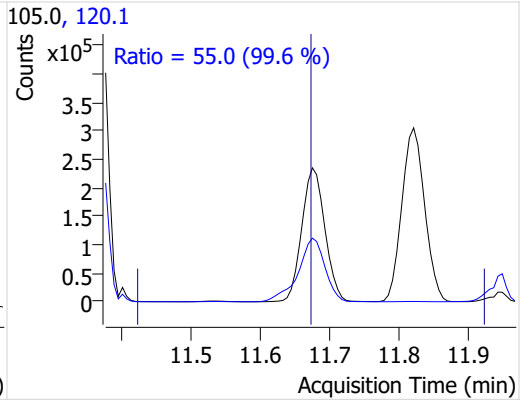


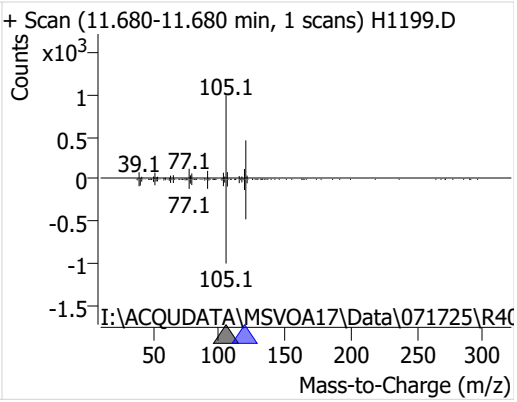




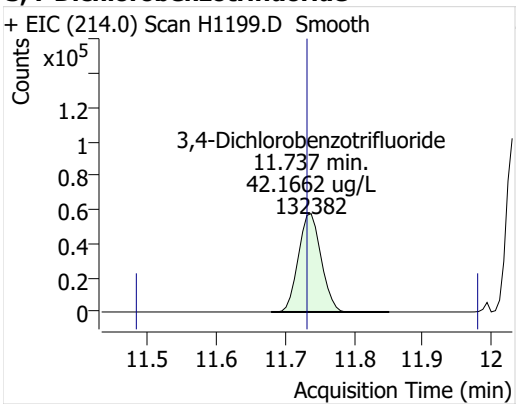
1,2,4-Trimethyl Benzene

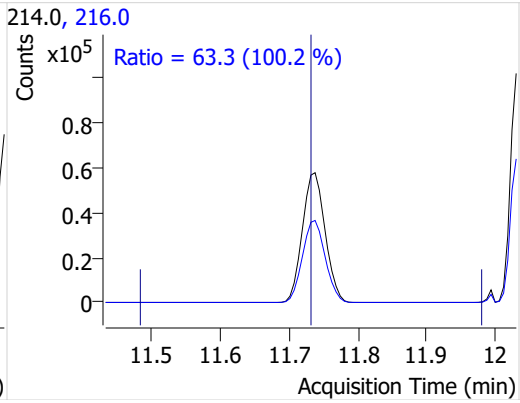


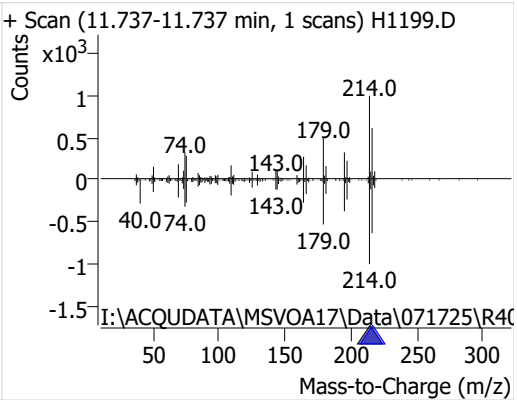




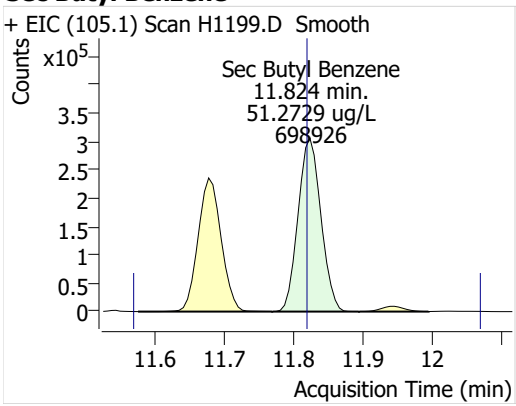
3,4-Dichlorobenzotrifluoride

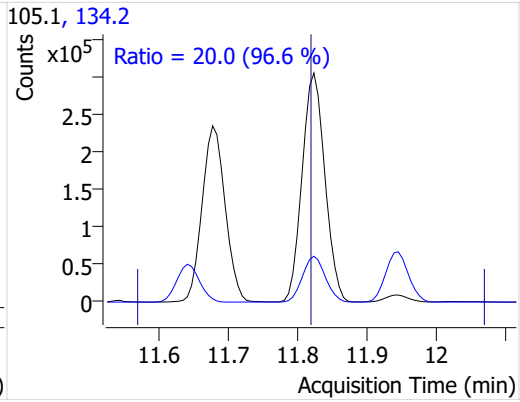


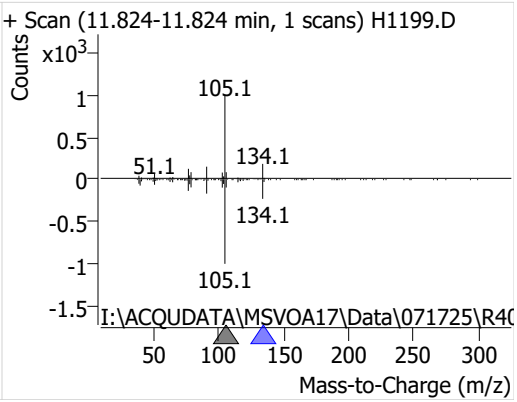




Sec Butyl Benzene

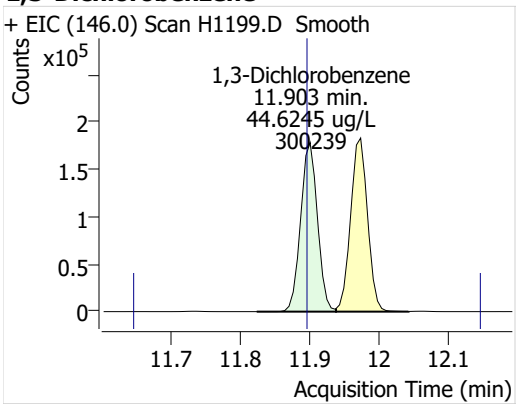


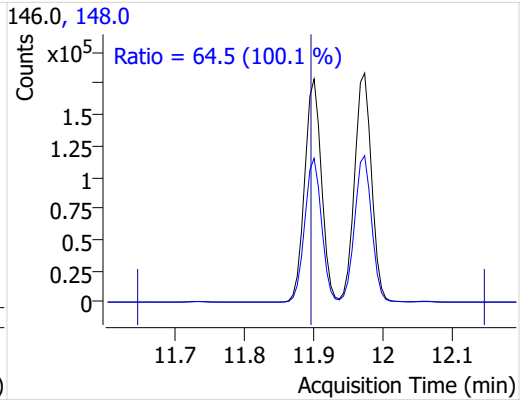


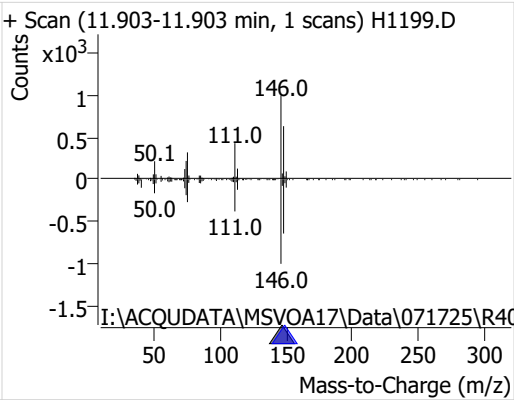


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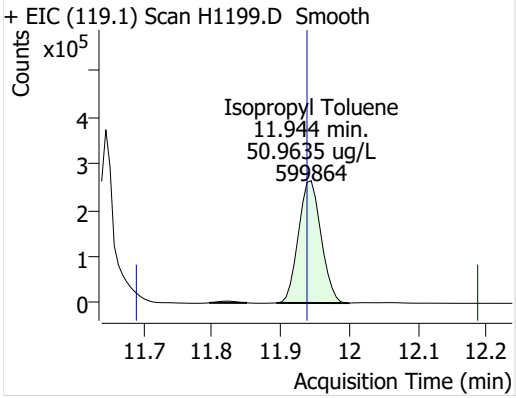
1,3-Dichlorobenzene

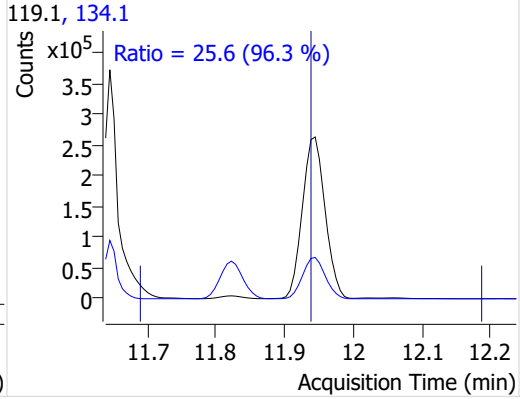


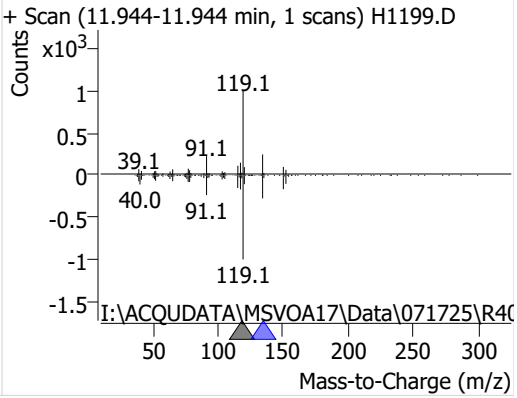




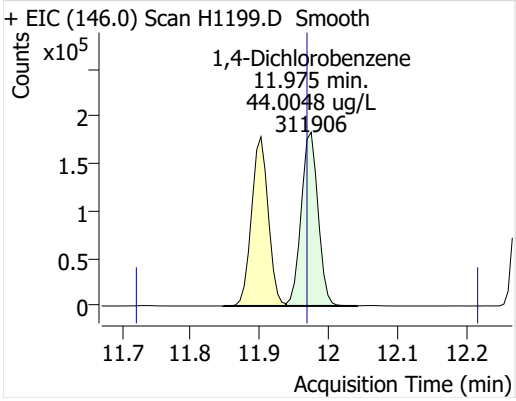
Isopropyl Toluene

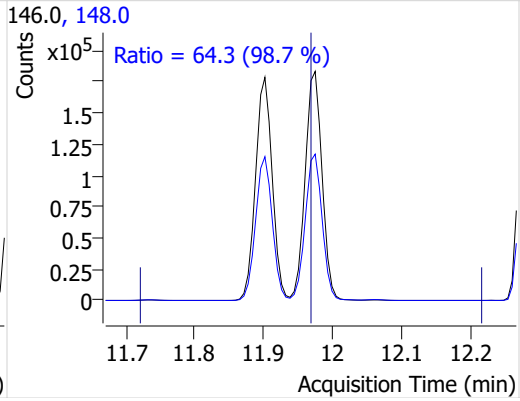


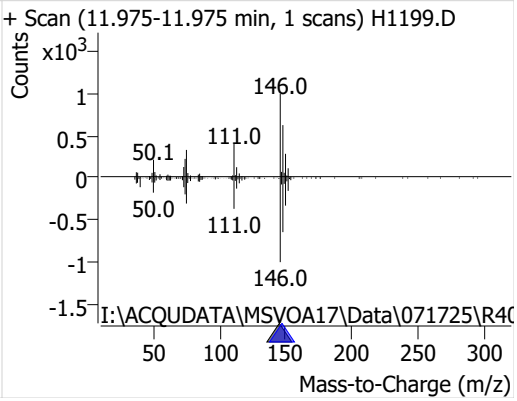




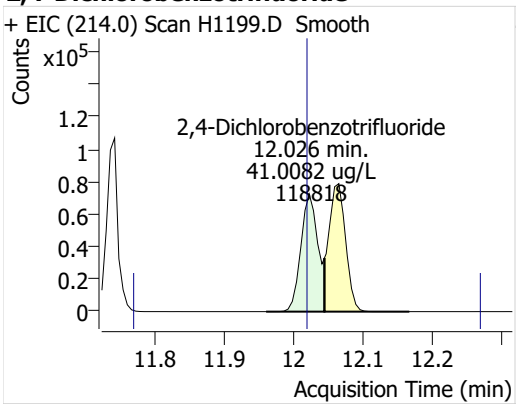
1,4-Dichlorobenzene

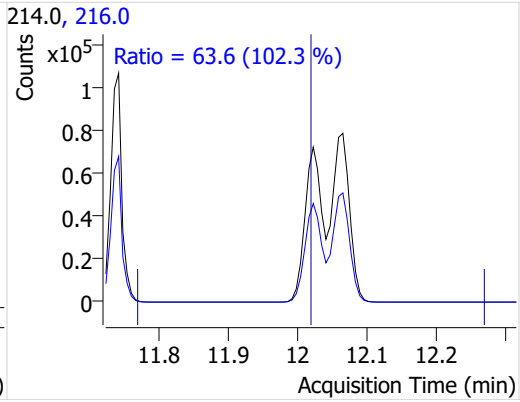


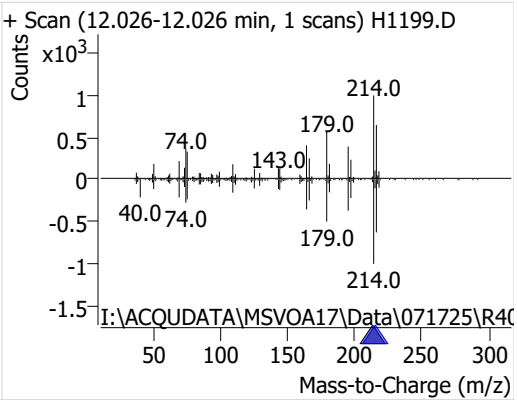




2,4-Dichlorobenzotrifluoride

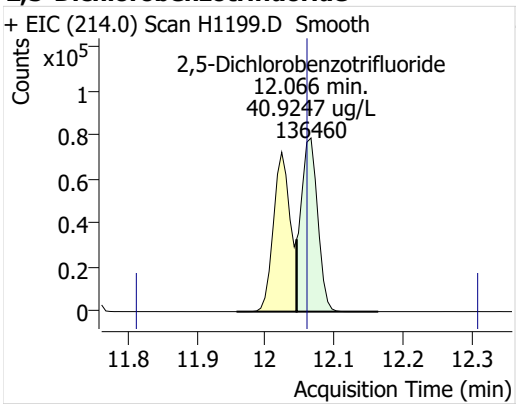


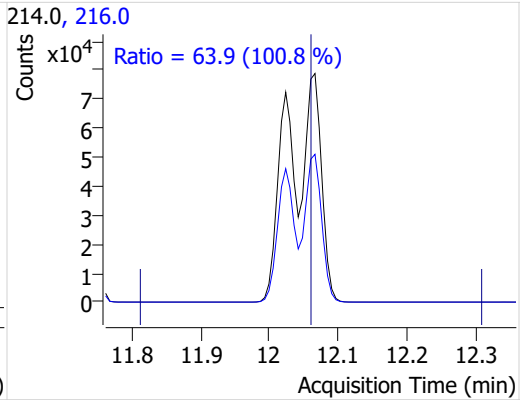


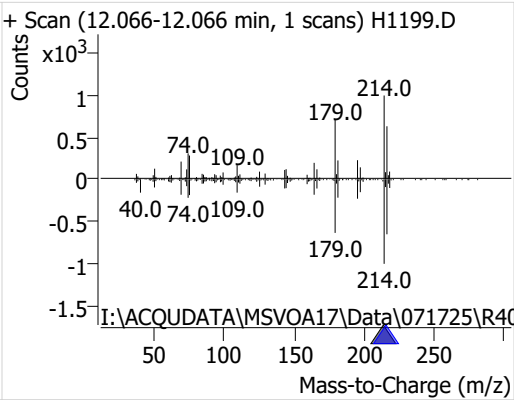


Masshunter Quantitative Analysis Sample Report

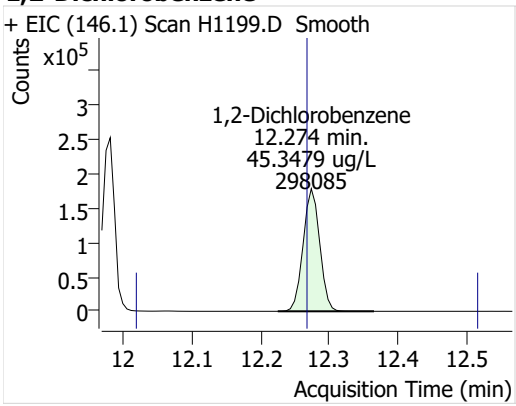
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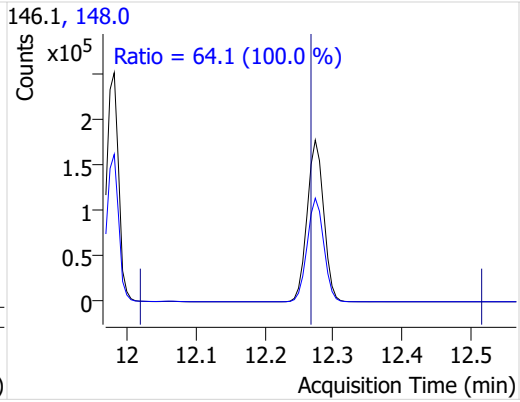


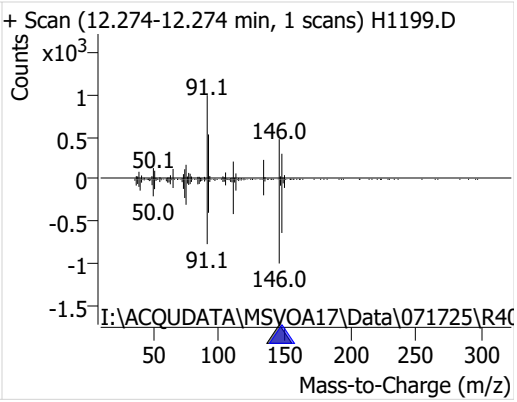




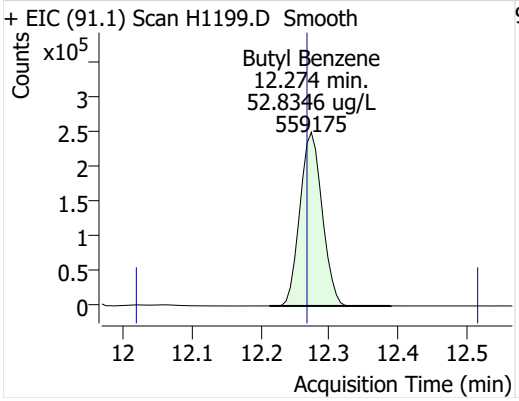
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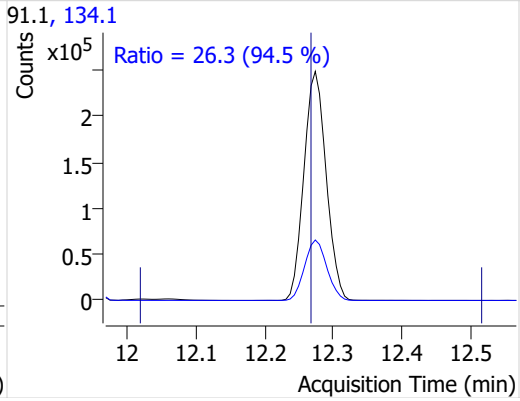


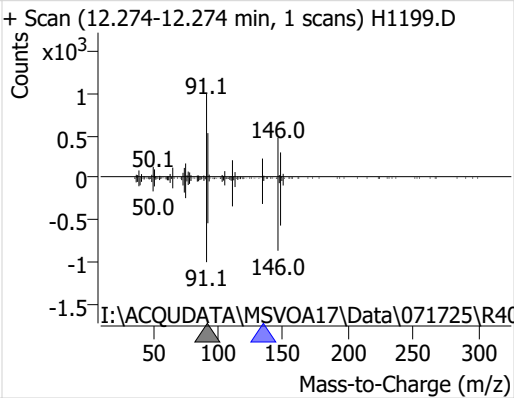




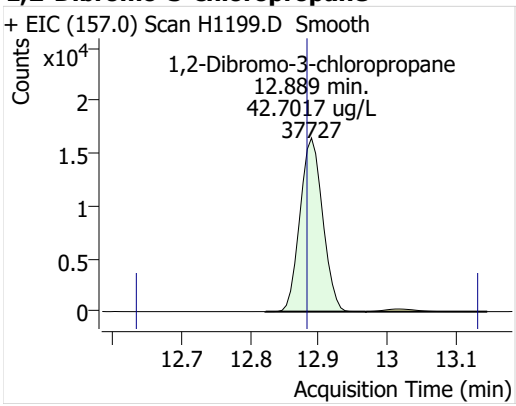
Butyl Benzene

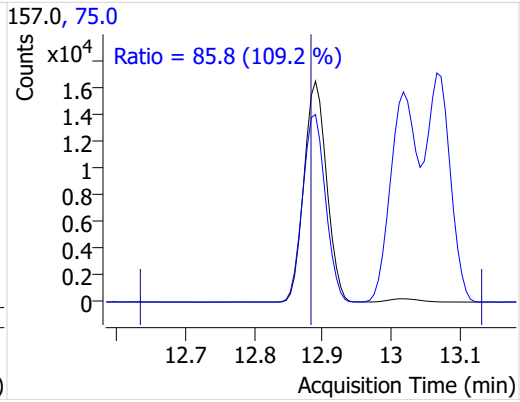


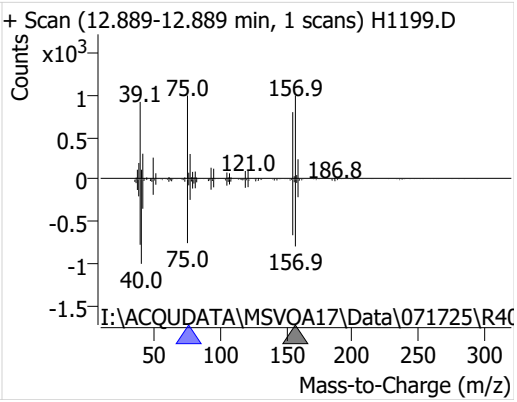




1,2-Dibromo-3-chloropropane

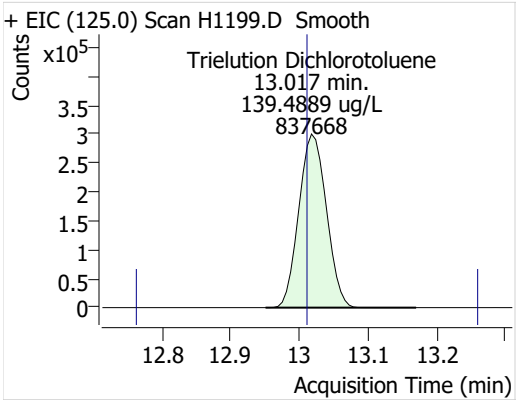


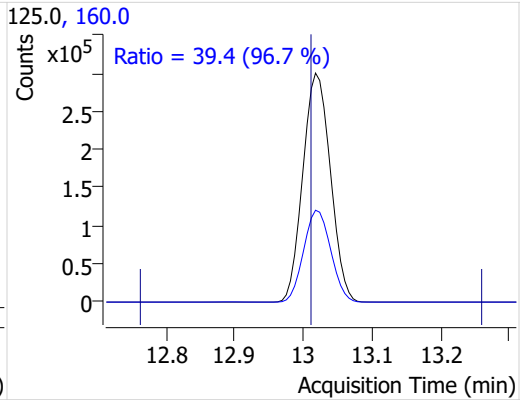


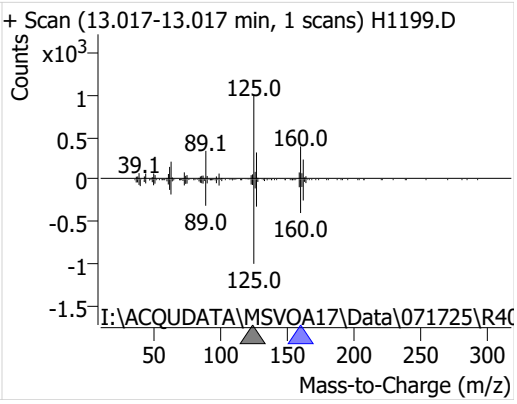


Masshunter Quantitative Analysis Sample Report

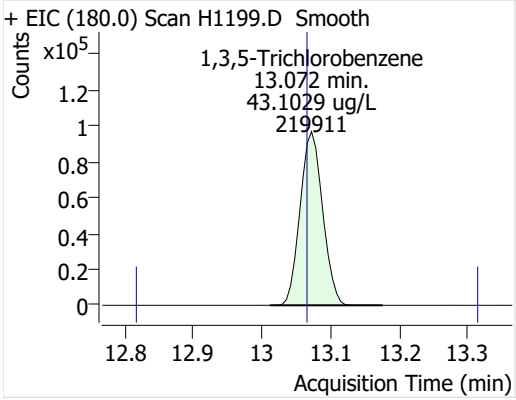
Trielution Dichlorotoluene

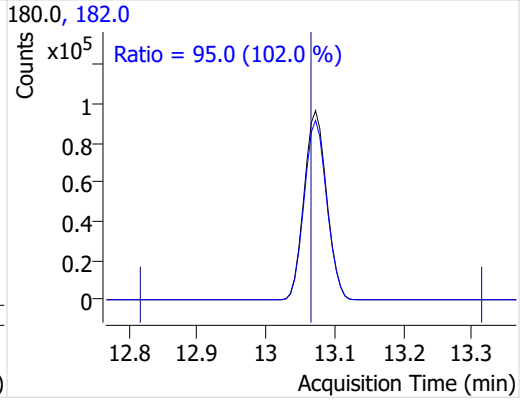


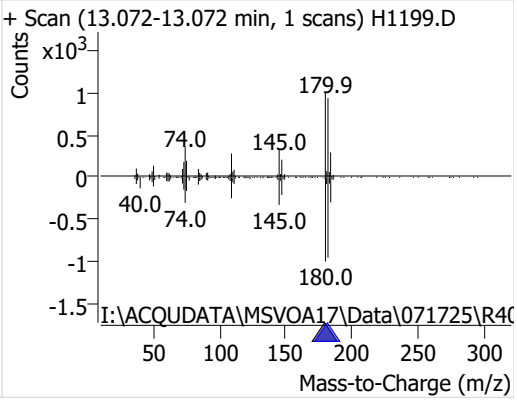




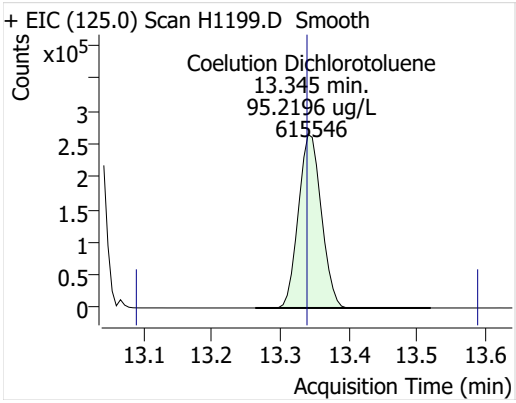
1,3,5-Trichlorobenzene

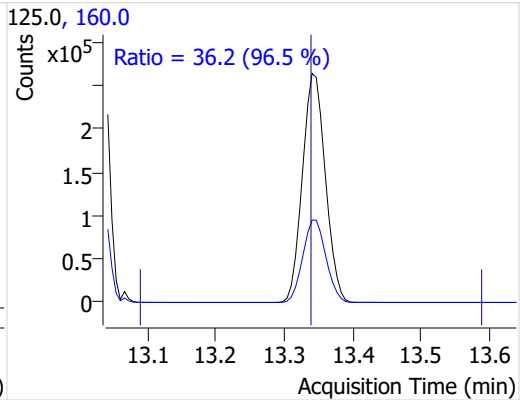


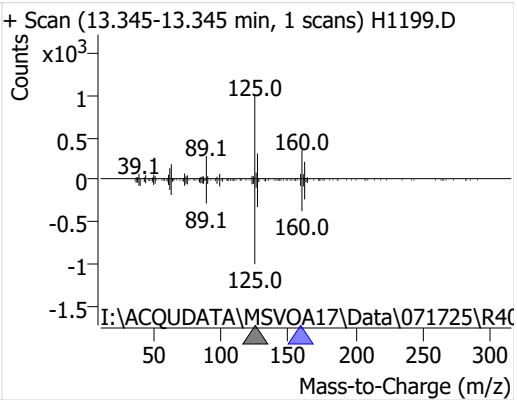




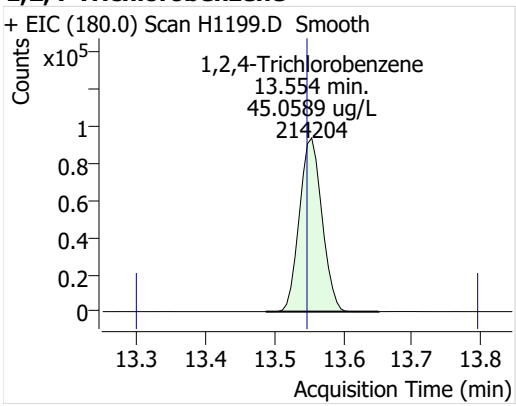
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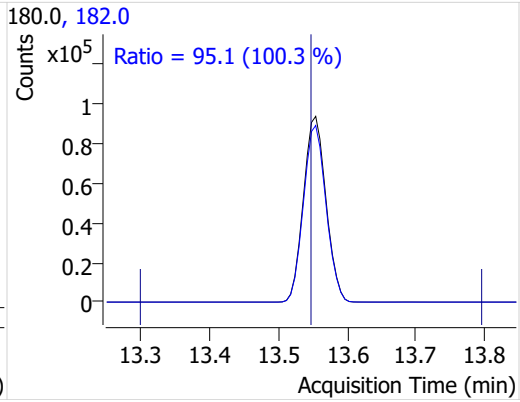


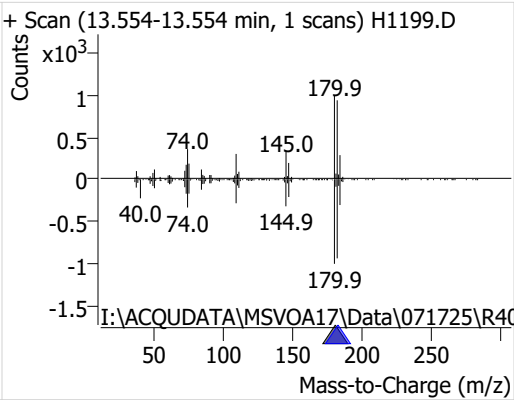




1,2,4-Trichlorobenzene

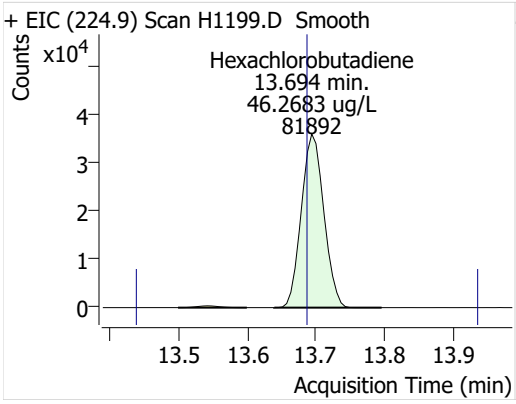


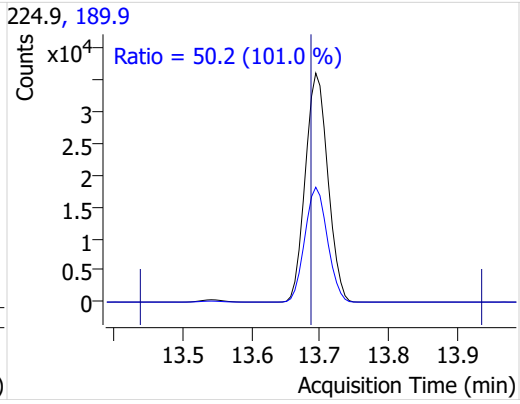


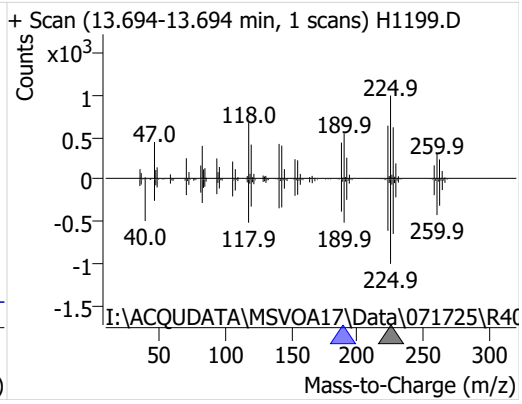


Masshunter Quantitative Analysis Sample Report

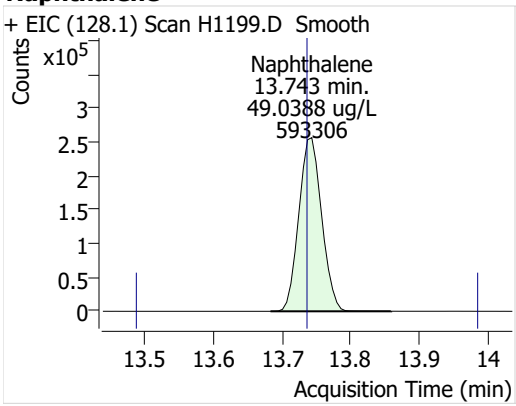
Hexachlorobutadiene

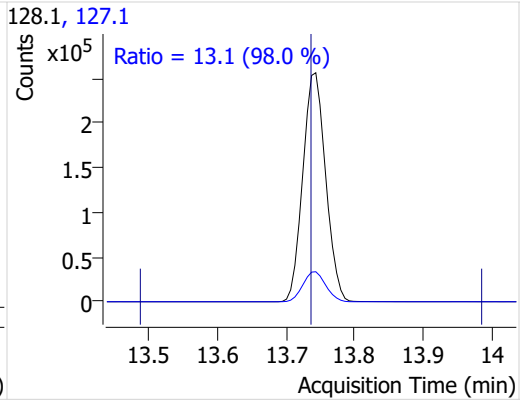


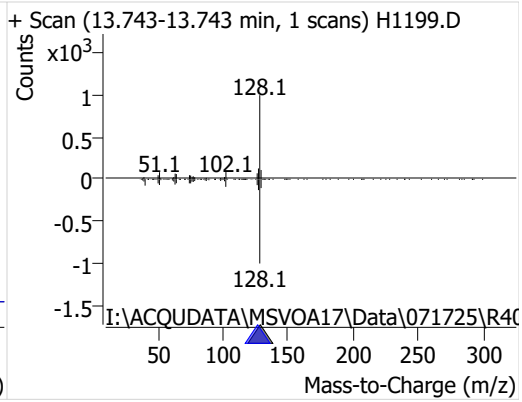




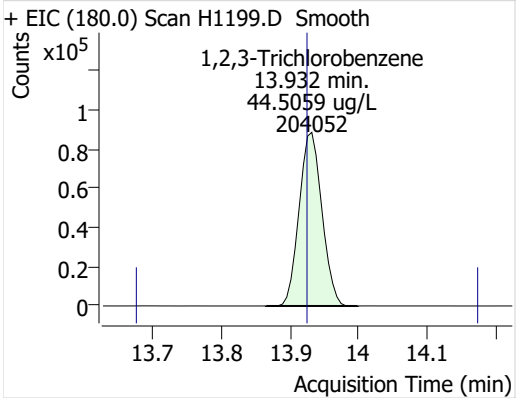
Naphthalene

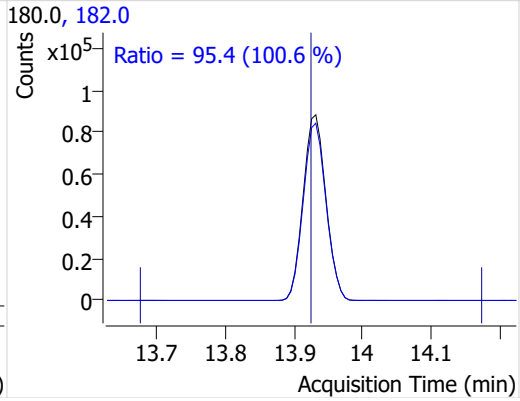


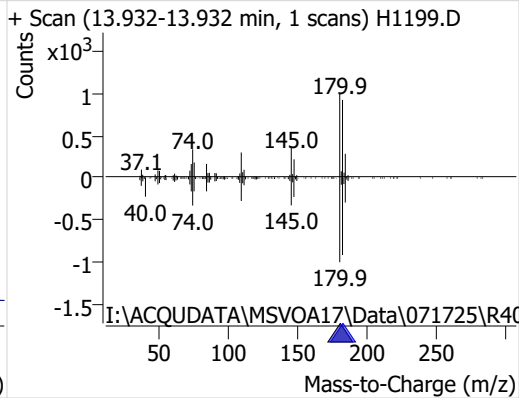




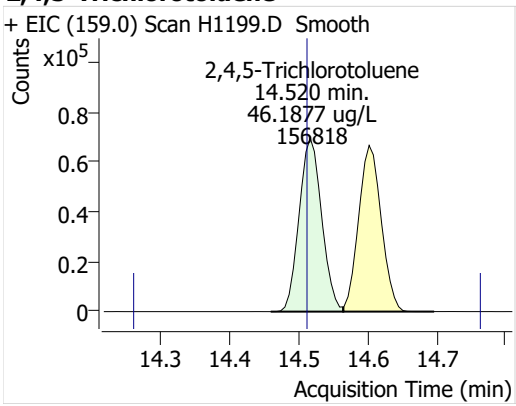
1,2,3-Trichlorobenzene

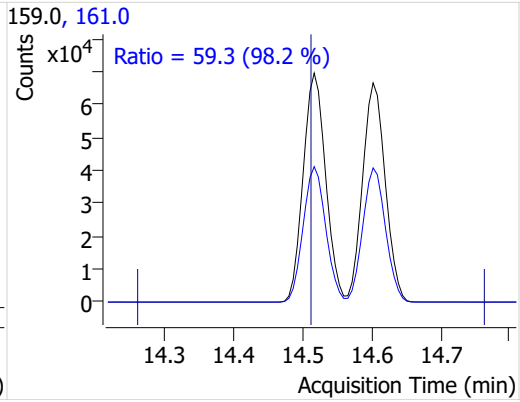


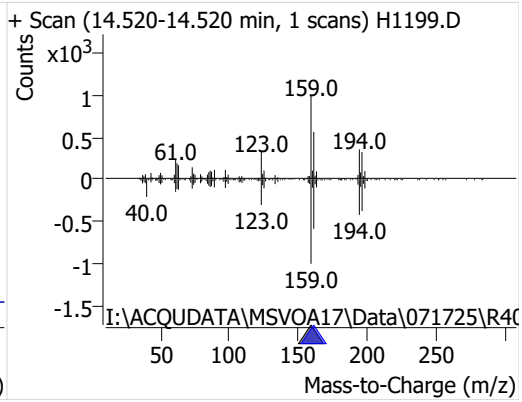




2,4,5-Trichlorotoluene

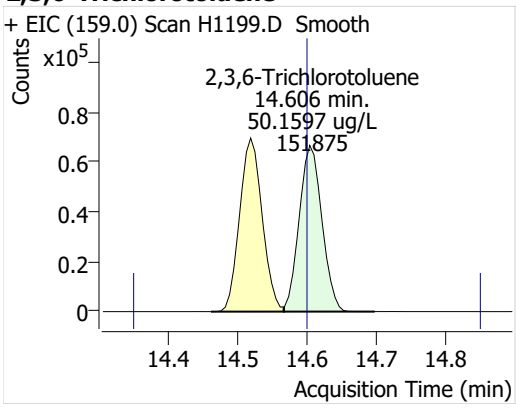


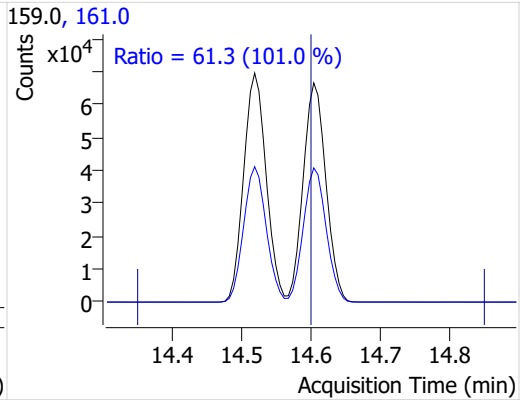


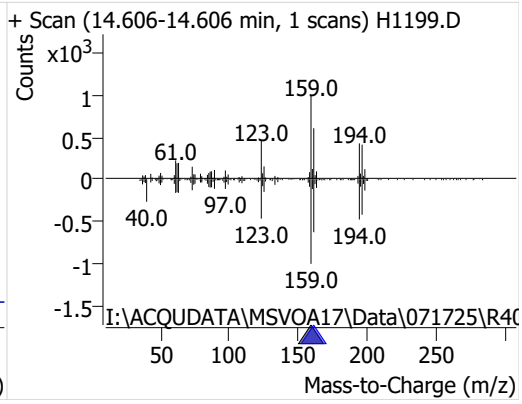


Masshunter Quantitative Analysis Sample Report

2,3,6-Trichlorotoluene







Continuing Calibration Report

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Method File I:\ACQUDATA\MSVOA16\Data\090825\090825 ms16 ical.batch.bin
Daily CC I:\ACQUDATA\MSVOA16\Data\092025\H1199.D

Level name	Injection Time	Calibration Files
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2	9/8/2025 3:39:23 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D
5	9/8/2025 4:02:09 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D
20	9/8/2025 4:24:57 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D
50	9/8/2025 4:47:44 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D
100	9/8/2025 5:10:31 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D
150	9/8/2025 5:33:24 PM	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D
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ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Pentafluorobenzene	220643	217698	248913	114.34	M
1,4-Difluorobenzene	360674	354457	416924	117.62	M
Chlorobenzene-d5	314511	309932	369002	119.06	M
1,4-Dichlorobenzene D4	183727	183815	223511	121.60	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Pentafluorobenzene	----------ISTD----------							
Dichlorodifluoromethane	-	0.613	0.627	50.00	51.14	-2.29	127.47	Avg RF
Chlorodifluoromethane	-	0.609	0.676	50.00	55.55	-11.10	139.73	Avg RF
Chloromethane	-	0.558	0.623	50.00	55.84	-11.67	138.73	Avg RF
Vinyl Chloride	-	0.653	0.661	50.00	50.60	-1.19	127.71	Avg RF
Bromomethane	-	0.9905	0.3804	50.00	38.22	23.56 #	107.83	Linear
Chloroethane	-	0.478	0.445	50.00	46.47	7.06	129.54	Avg RF
Fluorodichloromethane	-	0.985	0.999	50.00	50.72	-1.43	129.36	Avg RF
Trichlorofluoromethane	-	0.892	0.855	50.00	47.94	4.12	122.58	Avg RF
Freon 123a	-	0.531	0.486	50.00	45.76	8.49	118.52	Avg RF
Diethyl Ether	-	0.458	0.459	50.00	50.18	-0.37	118.77	Avg RF
Freon 123	-	0.799	0.766	50.00	47.90	4.20	125.02	Avg RF
Acrolein	-	0.032	0.063	250.00	488.45	-95.38 #	221.19	Avg RF
1,1-Dichloroethene	-	0.809	0.836	50.00	51.63	-3.27	130.25	Avg RF
Freon 113	-	0.557	0.539	50.00	48.39	3.22	130.34	Avg RF
Acetone	-	0.224	0.212	50.00	47.34	5.32	115.64	Avg RF
Iodomethane	-	0.9960	0.6344	50.00	47.07	5.86	112.30	Linear
2-Propanol	-	0.033	0.031	1000.00	934.23	6.58	122.71	Avg RF
Carbon Disulfide	-	1.356	1.402	50.00	51.71	-3.43	130.29	Avg RF
Acetonitrile/Allyl Chloride	-	0.182	0.203	300.00	335.21	-11.74	145.10	Avg RF
Methyl Acetate	-	0.444	0.455	50.00	51.24	-2.48	135.44	Avg RF
Methylene Chloride	-	0.543	0.507	50.00	46.70	6.61	114.27	Avg RF
TBA	-	0.051	0.045	1000.00	897.69	10.23	105.71	Avg RF
Acrylonitrile	-	0.230	0.248	250.00	269.32	-7.73	125.01	Avg RF
trans-1,2-Dichloroethene	-	0.716	0.752	50.00	52.48	-4.96	131.00	Avg RF
MTBE	-	1.496	1.452	50.00	48.51	2.98	110.94	Avg RF
1,1-Dichloroethane	-	0.918	0.932	50.00	50.78	-1.57	126.92	Avg RF
Vinyl Acetate	-	0.774	0.845	50.00	54.56	-9.12	125.30	Avg RF
2-Chloro-1,3-Butadiene	-	0.431	0.441	50.00	51.17	-2.34	122.41	Avg RF
Diisopropyl ether	-	1.567	1.767	50.00	56.38	-12.77	133.93	Avg RF
ETBE	-	1.467	1.513	50.00	51.60	-3.19	120.08	Avg RF
cis-1,2-Dichloroethene	-	0.572	0.556	50.00	48.54	2.92	116.30	Avg RF
2,2-Dichloropropane	-	0.685	0.646	50.00	47.11	5.78	117.19	Avg RF
2-Butanone	-	0.281	0.278	50.00	49.41	1.18	121.91	Avg RF

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Propionitrile	-	0.088	0.093	250.00	262.04	-4.82	123.61	Avg RF
Bromochloromethane	-	0.402	0.358	50.00	44.47	11.06	105.89	Avg RF
Methylacrylonitrile	-	0.230	0.242	50.00	52.51	-5.01	117.60	Avg RF
Tetrahydrofuran	-	0.171	0.184	50.00	53.86	-7.73	128.47	Avg RF
Chloroform	-	0.944	0.912	50.00	48.33	3.35	122.02	Avg RF
1,1,1-Trichloroethane	-	0.774	0.763	50.00	49.25	1.50	123.11	Avg RF
TAME	-	1.361	1.325	50.00	48.70	2.61	110.84	Avg RF
1,4-Difluorobenzene	----------ISTD----------							
Dibromofluoromethane	-	0.322	0.310	50.00	48.08	3.83	106.98	Avg RF
Cyclohexane	-	0.9954	0.4718	50.00	50.84	-1.69	124.67	Quadratic
Carbon Tetrachloride	-	0.428	0.402	50.00	47.05	5.90	120.13	Avg RF
1,1-Dichloropropene	-	0.398	0.384	50.00	48.33	3.34	126.95	Avg RF
1,1,2-dichloroethane-d4	-	0.372	0.403	50.00	54.15	-8.30	121.56	Avg RF
Benzene	-	1.197	1.162	50.00	48.55	2.91	121.77	Avg RF
1,2-Dichloroethane	-	0.463	0.471	50.00	50.94	-1.87	120.64	Avg RF
Iso-Butyl Alcohol	-	0.9998	0.0122	1000.00	1045.52	-4.55	123.11	Quadratic
n-Heptane	-	0.9904	0.4791	50.00	57.41	-14.81	149.85	Quadratic
Trichloroethene	-	0.368	0.334	50.00	45.38	9.24	116.25	Avg RF
1-Butanol	-	0.008	0.008	2500.00	2543.73	-1.75	121.65	Avg RF
Methylcyclohexane	-	0.434	0.474	50.00	54.59	-9.17	141.18	Avg RF
1,2-Dichloropropane	-	0.329	0.331	50.00	50.30	-0.61	123.22	Avg RF
Dibromomethane	-	0.235	0.200	50.00	42.63	14.73	106.50	Avg RF
1,4-Dioxane	-	0.005	0.004	1000.00	872.82	12.72	107.44	Avg RF
Methyl Methacrylate	-	0.226	0.221	50.00	48.88	2.24	114.53	Avg RF
Bromodichloromethane	-	0.436	0.417	50.00	47.73	4.53	116.84	Avg RF
2-Nitropropane	-	0.9991	0.1099	100.00	102.40	-2.40	122.19	Quadratic
2-Chloroethylvinyl Ether	-	0.098	0.125	50.00	63.68	-27.35 #	143.20	Avg RF
cis-1,3-Dichloropropene	-	0.434	0.410	50.00	47.23	5.55	113.01	Avg RF
4-Methyl-2-Pentanone	-	0.318	0.341	50.00	53.67	-7.35	136.96	Avg RF
Toluene-d8	-	1.246	1.248	50.00	50.07	-0.13	113.36	Avg RF
Toluene	-	1.310	1.290	50.00	49.26	1.47	123.77	Avg RF
trans-1,3-Dichloropropene	-	0.381	0.360	50.00	47.15	5.70	113.19	Avg RF
Ethyl Methacrylate	-	0.398	0.393	50.00	49.38	1.24	113.78	Avg RF
1,1,2-Trichloroethane	-	0.302	0.290	50.00	48.03	3.93	113.99	Avg RF
Chlorobenzene-d5	----------ISTD----------							
Tetrachloroethene	-	0.378	0.339	50.00	44.87	10.25	119.24	Avg RF
1,3-Dichloropropane	-	0.578	0.562	50.00	48.61	2.78	119.58	Avg RF
2-Hexanone	-	0.141	0.134	50.00	47.33	5.35	123.28	Avg RF
Dibromochloromethane	-	0.403	0.380	50.00	47.19	5.62	114.56	Avg RF
N-Butyl Acetate	-	0.540	0.571	50.00	52.95	-5.89	131.90	Avg RF
1,2-Dibromoethane	-	0.336	0.328	50.00	48.82	2.36	119.63	Avg RF
Chlorobenzene	-	1.047	0.976	50.00	46.59	6.81	119.00	Avg RF
3-Chlorobenzotrifluoride	-	0.545	0.452	50.00	41.46	17.08	112.57	Avg RF
4-Chlorobenzotrifluoride	-	0.517	0.429	50.00	41.44	17.13	112.11	Avg RF
1,1,1,2-Tetrachloroethane	-	0.365	0.356	50.00	48.79	2.42	118.84	Avg RF
Ethylbenzene	-	1.620	1.636	50.00	50.49	-0.99	127.59	Avg RF
m,p-Xylene	-	1.220	1.274	100.00	104.45	-4.45	126.80	Avg RF
o-Xylene	-	1.303	1.318	50.00	50.58	-1.16	126.14	Avg RF
Styrene	-	1.095	1.071	50.00	48.90	2.21	118.43	Avg RF
Bromoform	-	0.246	0.230	50.00	46.67	6.66	113.71	Avg RF
2-Chlorobenzotrifluoride	-	0.546	0.460	50.00	42.13	15.74	114.35	Avg RF
Isopropyl Benzene	-	1.471	1.523	50.00	51.77	-3.54	127.75	Avg RF
Cyclohexanone	-	0.9999	0.0205	1000.00	342.06	65.79 #	36.74	Quadratic
trans-1,4-Dichloro-2-Butene	-	0.116	0.126	50.00	54.66	-9.32	128.22	Avg RF
1,4-Dichlorobenzene D4	----------ISTD----------							

Continuing Calibration Report

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Bromofluorobenzene	-	0.805	0.813	50.00	50.50	-1.00	123.32	Avg RF
1,1,2,2-Tetrachloroethane	-	0.794	0.751	50.00	47.30	5.39	119.00	Avg RF
Bromobenzene	-	0.790	0.687	50.00	43.47	13.06	111.12	Avg RF
1,2,3-Trichloropropane	-	0.981	0.924	50.00	47.10	5.80	122.41	Avg RF
Propyl Benzene	-	3.172	3.312	50.00	52.22	-4.43	131.55	Avg RF
2-Chlorotoluene	-	1.908	1.870	50.00	49.02	1.96	128.71	Avg RF
3-Chlorotoluene	-	1.921	1.769	50.00	46.04	7.91	121.81	Avg RF
1,3,5-Trimethyl Benzene	-	2.419	2.428	50.00	50.18	-0.37	126.86	Avg RF
4-Chlorotoluene	-	2.595	2.582	50.00	49.76	0.48	126.70	Avg RF
Tert Butyl Benzene	-	2.384	2.295	50.00	48.12	3.75	125.37	Avg RF
1,2,4-Trimethyl Benzene	-	2.369	2.435	50.00	51.39	-2.78	125.50	Avg RF
3,4-Dichlorobenzotrifluoride	-	0.702	0.592	50.00	42.17	15.67	112.28	Avg RF
Sec Butyl Benzene	-	3.049	3.127	50.00	51.27	-2.55	130.98	Avg RF
1,3-Dichlorobenzene	-	1.505	1.343	50.00	44.62	10.75	118.59	Avg RF
Isopropyl Toluene	-	2.633	2.684	50.00	50.96	-1.93	129.60	Avg RF
1,4-Dichlorobenzene	-	1.586	1.395	50.00	44.00	11.99	117.17	Avg RF
2,4-Dichlorobenzotrifluoride	-	0.648	0.532	50.00	41.01	17.98	112.45	Avg RF
2,5-Dichlorobenzotrifluoride	-	0.746	0.611	50.00	40.92	18.15	112.67	Avg RF
1,2-Dichlorobenzene	-	1.470	1.334	50.00	45.35	9.30	114.07	Avg RF
Butyl Benzene	-	2.368	2.502	50.00	52.83	-5.67	134.69	Avg RF
1,2-Dibromo-3-chloropropane	-	0.198	0.169	50.00	42.70	14.60	111.60	Avg RF
Trielution Dichlorotoluene	-	1.343	1.249	150.00	139.49	7.01	117.65	Avg RF
1,3,5-Trichlorobenzene	-	1.141	0.984	50.00	43.10	13.79	112.76	Avg RF
Coelution Dichlorotoluene	-	1.446	1.377	100.00	95.22	4.78	117.40	Avg RF
1,2,4-Trichlorobenzene	-	1.063	0.958	50.00	45.06	9.88	115.73	Avg RF
Hexachlorobutadiene	-	0.396	0.366	50.00	46.27	7.46	123.33	Avg RF
Naphthalene	-	2.707	2.654	50.00	49.04	1.92	115.12	Avg RF
1,2,3-Trichlorobenzene	-	1.026	0.913	50.00	44.51	10.99	111.45	Avg RF
2,4,5-Trichlorotoluene	-	0.760	0.702	50.00	46.19	7.62	108.50	Avg RF
2,3,6-Trichlorotoluene	-	0.677	0.679	50.00	50.16	-0.32	123.26	Avg RF

ICV (30%) Compounds Passing: 99% (114 of 115)
CC (20%) Compounds Passing: 96% (111 of 115)

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500185-01	0.5ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0749.D	09/08/2025 14:53
02	RC2500185-02	1.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0750.D	09/08/2025 15:16
03	RC2500185-03	2.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0751.D	09/08/2025 15:39
04	RC2500185-04	5.0ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0752.D	09/08/2025 16:02
05	RC2500185-05	20ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0753.D	09/08/2025 16:24
06	RC2500185-06	50ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0754.D	09/08/2025 16:47
07	RC2500185-07	100ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0755.D	09/08/2025 17:10
08	RC2500185-08	150ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0756.D	09/08/2025 17:33
09	RC2500185-09	200ppb	I:\ACQUDATA\MSVOA16\Data\090825\H0757.D	09/08/2025 17:56

Analyte

1,1,1-Trichloroethane (TCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7071	02	1	0.8651	03	2	0.8238	04	5	0.7847
05	20	0.5482	06	50	0.7084	07	100	0.8352	08	150	0.8562
09	200	0.8402									

1,1-Dichloroethane (1,1-DCA)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.9885	02	1	0.9845	03	2	0.9524	04	5	0.936
05	20	0.7054	06	50	0.8395	07	100	0.942	08	150	0.9634
09	200	0.9464									

1,1-Dichloroethene (1,1-DCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.8611	02	1	0.8453	03	2	0.8806	04	5	0.8141
05	20	0.5843	06	50	0.7336	07	100	0.8494	08	150	0.8722
09	200	0.8422									

4-Bromofluorobenzene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.7762	05	20	0.8097	06	50	0.8012	07	100	0.8004
08	200	0.8351									

Dibromofluoromethane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	0.3019	05	20	0.3444	06	50	0.3408	07	100	0.3179
08	200	0.3067									

Tetrachloroethene (PCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3807	02	1	0.4064	03	2	0.3927	04	5	0.3992
05	20	0.2547	06	50	0.3383	07	100	0.4118	08	150	0.4082
09	200	0.4056									

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

Analyte

Toluene-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
04	10	1.234	05	20	1.335	06	50	1.294	07	100	1.201
08	200	1.165									

Trichloroethene (TCE)

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.3993	02	1	0.4304	03	2	0.3764	04	5	0.3698
05	20	0.267	06	50	0.3378	07	100	0.3839	08	150	0.3788
09	200	0.3668									

Vinyl Chloride

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.795	02	1	0.6918	03	2	0.6688	04	5	0.6695
05	20	0.5047	06	50	0.5916	07	100	0.6614	08	150	0.6575
09	200	0.6369									

cis-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.5849	02	1	0.5872	03	2	0.5949	04	5	0.5541
05	20	0.4745	06	50	0.5463	07	100	0.598	08	150	0.6124
09	200	0.5985									

trans-1,2-Dichloroethene

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	0.5	0.7719	02	1	0.7285	03	2	0.7412	04	5	0.7033
05	20	0.5371	06	50	0.6561	07	100	0.752	08	150	0.7865
09	200	0.769									

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,1,1-Trichloroethane (TCA)	TRG	Average RF	% RSD	13.4	≤20	0.7743	0.100
1,1-Dichloroethane (1,1-DCA)	TRG	Average RF	% RSD	9.9	≤20	0.9176	0.200
1,1-Dichloroethene (1,1-DCE)	TRG	Average RF	% RSD	11.7	≤20	0.8092	0.100
4-Bromofluorobenzene	SURR	Average RF	% RSD	2.6	≤20	0.8045	
Dibromofluoromethane	SURR	Average RF	% RSD	6.0	≤20	0.3223	
Tetrachloroethene (PCE)	TRG	Average RF	% RSD	13.6	≤20	0.3775	0.200
Toluene-d8	SURR	Average RF	% RSD	5.5	≤20	1.246	
Trichloroethene (TCE)	TRG	Average RF	% RSD	12.3	≤20	0.3678	0.200
Vinyl Chloride	TRG	Average RF	% RSD	11.9	≤20	0.653	0.100
cis-1,2-Dichloroethene	TRG	Average RF	% RSD	7.4	≤20	0.5723	0.100
trans-1,2-Dichloroethene	TRG	Average RF	% RSD	10.9	≤20	0.7162	0.100

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/8/2025

Initial Calibration Verification Summary
Volatile Organic Compounds by GC/MS

Calibration ID: RC2500185 **Signal ID:** 1
Instrument ID: R-MS-16

#	Lab Code	Sample Name	File Location	Acquisition Date
10	RC2500185-10	ICV-50	I:\ACQUDATA\MSVOA16\Data\090825\H0760.D	09/08/2025 19:04

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	56.1	7.743E-1	8.69E-1	12.22	±30	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	53.3	9.176E-1	9.772E-1	6.50	±30	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	54.5	8.092E-1	8.814E-1	8.92	±30	Average RF
Tetrachloroethene (PCE)	50.0	56.9	3.775E-1	4.3E-1	13.90	±30	Average RF
Trichloroethene (TCE)	50.0	53.9	3.678E-1	3.965E-1	7.80	±30	Average RF
Vinyl Chloride	50.0	54.5	6.53E-1	7.113E-1	8.93	±30	Average RF
cis-1,2-Dichloroethene	50.0	57.5	5.723E-1	6.576E-1	14.91	±30	Average RF
trans-1,2-Dichloroethene	50.0	49.9	7.162E-1	7.151E-1	-0.157	±30	Average RF

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	48.7	8.045E-1	7.834E-1	-2.623	±30	Average RF
Dibromofluoromethane	50.0	49.3	3.223E-1	3.178E-1	-1.395	±30	Average RF
Toluene-d8	50.0	48.3	1.246E0	1.205E0	-3.321	±30	Average RF

Client: Verina Consulting Group, LLC
Project: Dover Binghamton/5101.0003

Service Request: R2511791
Date Analyzed: 09/20/25 10:06

Continuing Calibration Verification (CCV) Summary
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D
File ID: I:\ACQUDATA\MSVOA16\Data\092025\H1199.D
Signal ID: 1

Calibration Date: 9/8/2025
Calibration ID: RC2500185
Analysis Lot: 893977
Units: ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
1,1,1-Trichloroethane (TCA)	50.0	49.3	0.7743	0.7627	-1.5	NA	±20	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.8	0.9176	0.9319	1.6	NA	±20	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	51.6	0.8092	0.8357	3.3	NA	±20	Average RF
Tetrachloroethene (PCE)	50.0	44.9	0.3775	0.3388	-10.3	NA	±20	Average RF
Trichloroethene (TCE)	50.0	45.4	0.3678	0.3338	-9.2	NA	±20	Average RF
Vinyl Chloride	50.0	50.6	0.653	0.6608	1.2	NA	±20	Average RF
cis-1,2-Dichloroethene	50.0	48.5	0.5723	0.5556	-2.9	NA	±20	Average RF
trans-1,2-Dichloroethene	50.0	52.5	0.7162	0.7517	5.0	NA	±20	Average RF

Analyte Name	Expected	Result	Average RF	CCV RF	% D	% Drift	Criteria	Curve Fit
4-Bromofluorobenzene	50.0	50.5	0.8045	0.8125	1.0	NA	±20	Average RF
Dibromofluoromethane	50.0	48.1	0.3223	0.31	-3.8	NA	±20	Average RF
Toluene-d8	50.0	50.1	1.2459	1.2476	0.1	NA	±20	Average RF

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025\H1199.D	Continuing Calibration Verification	RQ2512977-01	9/20/2025	10:06	
I:\ACQUDATA\MSVOA16\Data\092025\H1200.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	10:53	
I:\ACQUDATA\MSVOA16\Data\092025\H1201.D	Lab Control Sample	RQ2512977-03	9/20/2025	11:16	
I:\ACQUDATA\MSVOA16\Data\092025\H1203.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	12:14	
I:\ACQUDATA\MSVOA16\Data\092025\H1204.D	Method Blank	RQ2512977-05	9/20/2025	12:37	
I:\ACQUDATA\MSVOA16\Data\092025\H1205.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:00	
I:\ACQUDATA\MSVOA16\Data\092025\H1206.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:23	
I:\ACQUDATA\MSVOA16\Data\092025\H1207.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	13:46	
I:\ACQUDATA\MSVOA16\Data\092025\H1208.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:08	
I:\ACQUDATA\MSVOA16\Data\092025\H1209.D	TB-091725	R2511791-006	9/20/2025	14:31	
I:\ACQUDATA\MSVOA16\Data\092025\H1210.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	14:54	
I:\ACQUDATA\MSVOA16\Data\092025\H1211.D	MW-10-091725	R2511791-003	9/20/2025	15:17	
I:\ACQUDATA\MSVOA16\Data\092025\H1212.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	15:39	
I:\ACQUDATA\MSVOA16\Data\092025\H1213.D	FB-091725	R2511791-005	9/20/2025	16:02	
I:\ACQUDATA\MSVOA16\Data\092025\H1214.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	16:25	
I:\ACQUDATA\MSVOA16\Data\092025\H1217.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:33	
I:\ACQUDATA\MSVOA16\Data\092025\H1218.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	17:56	
I:\ACQUDATA\MSVOA16\Data\092025\H1219.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	18:19	
I:\ACQUDATA\MSVOA16\Data\092025\H1220.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	18:42	
I:\ACQUDATA\MSVOA16\Data\092025\H1221.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:04	
I:\ACQUDATA\MSVOA16\Data\092025\H1222.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:27	
I:\ACQUDATA\MSVOA16\Data\092025\H1223.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	19:50	
I:\ACQUDATA\MSVOA16\Data\092025\H1224.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:13	

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
Volatile Organic Compounds by GC/MS

Analysis Method: 8260D **Analysis Lot:**893977
Instrument ID:R-MS-16

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\MSVOA16\Data\092025 \H1225.D	ZZZZZZZ	ZZZZZZZ	9/20/2025	20:36	

Analysis: 8260D_W_LL Analyst: LLRuest pH strips: 233024 Tune Method: RC250016S

Date: 9/20/25 Balance ID: NA ResCl strips: NA Run Method: 090825

Instr. 16 50 mL Class A used for dilution FV Syringes: 233677 LIMS Run#: 893977

Data Path: j:\acqudata\msvoa(InstID)\(Date)

Pos.	Sample	Diln.	Diln. Prep./	RL	Vial	HS	Cl	pH	File#	OK?	Comments
1	BLK								H1198		
2	CCV		RQ25112977.01						H1199	YL	
1	LCS.ump		02						H1200	YL	
2	LCS.fp		03						H1201	YL	
1	BLK		—						H1202	N	wpt 16
2	MRLK.ump		04						H1203	YB	
3	MBLK.fp		05						H1204	YB	
4	R2511212.003			233704	1	N	NA	4	H1205	Y	
5	↓ 004				1			12	H1206	Y	
6	R2511365.003				1			12	H1207	Y	
7	↓ 004				1			12	H1208	Y	
8	R2511791.006							4	H1209	Y	
9	001			26576	1+2			8	H1210	Y	↑sediment
10	003				1			4	11	Y	
11	004			26576	1			8	12	Y	
12	005				1			12	13	Y	
13	007			24576	1			8	14	Y	
14	002	5.0	10/50mls	↓	1	↓	↓	—	15	N	wpt 1 ↑sediment
15	BLK	—							16	—	
16	R2511647.001				1	N	NA	12	17	Y	
17	002				1			12	18	Y	
18	003	10	5/50mls *purple:nk!*	26516	1			NA	19	Y	(ox-matrix)
19	004				1			12	H1220	Y	
20	005				1			12	01	Y	
21	007			26516	1			7	22	Y	
22	R2511394.001			23434				12	23	Y	
23	↓ 002			↓				12	24	Y	
24	R2511395.001	2.5	20/50mls					12	25	Y	
25	R2511791.005	5.0	MS.002 (10/20mls)		1			—	26	YB	N RunOK - parent not reported
26	↓ 005	5.0	MSD.002 (10/20mls)		1	↓	↓	—	27	YB	NO ↓
27	BLK	—							28	—	
28	↓	—							H1229	—	

All samples = 5 mL + 5 uL combined IS/ 5 mL purged

Combined IS/Surr:

Surrogate 5D: 243529

Internal Std 5D: 243525

Reagents:

500 Primary CCC: 243703

Primary TB: 243850

Primary HSL: 243880 — 5uL → 50mls = CCV

Primary FP: 243684

Primary 236: 243674

JT

200 Secondary FP: 243705 · 5uL

500 Secondary CCC: 243619

Secondary TB: 243891 — 2uL → 50mls = LCS

Secondary HSL: 243977

Secondary 236: 243675

JT

-10.6uL → 4.3uL

43mL vial = MS/D

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Runlog-MSVOAr5 1/11/22

Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-17-091725	**Units:**	ug/L
Lab Code:	R2511791-001	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**0.69**	0.40	0.35	1	09/24/25 19:29	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	80	64 - 124	09/24/25 19:29	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 09:50
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-16-091725	**Units:**	ug/L
Lab Code:	R2511791-002	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.8**	0.40	0.35	1	09/24/25 19:45	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	84	64 - 124	09/24/25 19:45	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 10:40
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-10-091725	**Units:**	ug/L
Lab Code:	R2511791-003	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	09/24/25 20:02	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	81	64 - 124	09/24/25 20:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:30
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	MW-8-091725	**Units:**	ug/L
Lab Code:	R2511791-004	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.2**	0.080	0.070	1	09/24/25 20:19	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 11:45
Sample Matrix:	Water	**Date Received:**	09/18/25 10:26
Sample Name:	FB-091725	**Units:**	ug/L
Lab Code:	R2511791-005	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	0.040 U	0.040	0.035	1	09/24/25 20:36	9/24/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:36	

Analytical Report

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Collected:**	09/17/25 00:00
Sample Matrix:	Water	**Date Received:**	09/18/25 08:05
Sample Name:	DUP-091725	**Units:**	ug/L
Lab Code:	R2511791-007	**Basis:**	NA

1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM
Prep Method: EPA 3535A

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,4-Dioxane	**1.2**	0.080	0.070	1	09/24/25 20:52	9/24/25	

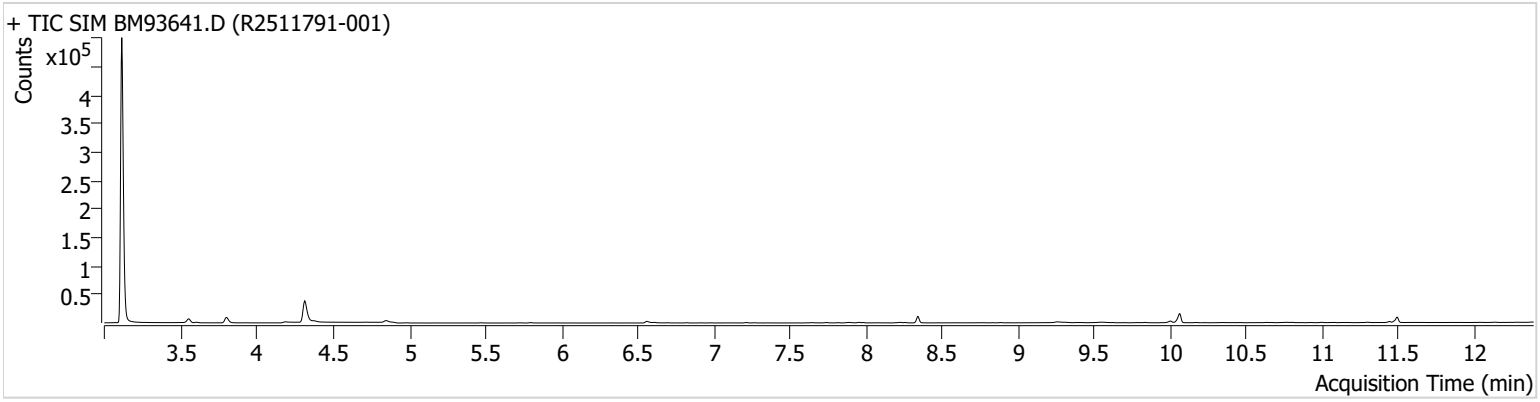
Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
1,4-Dioxane-d8	79	64 - 124	09/24/25 20:52	

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93641.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93641.D

Acq. Date-Time	9/24/2025 7:29:12 PM	**Name**	R2511791-001
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

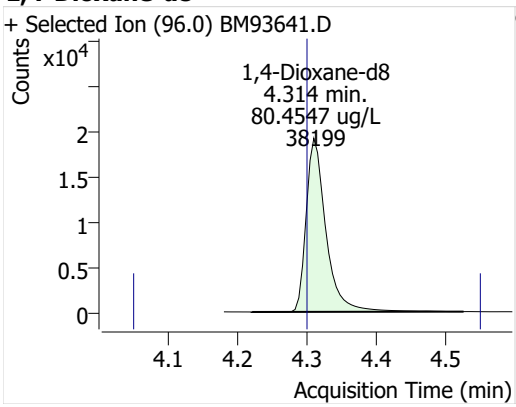


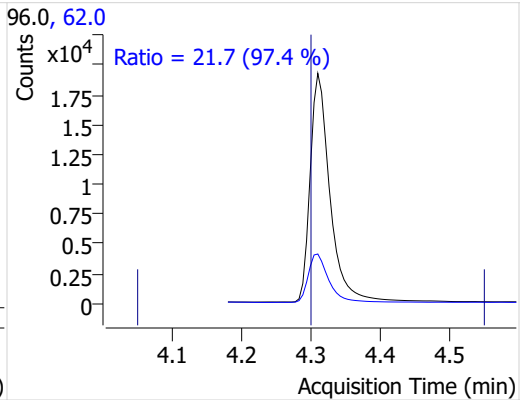
Internal Standards	QIon			RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0			3.108	0.010	282832	100.0000	ug/L

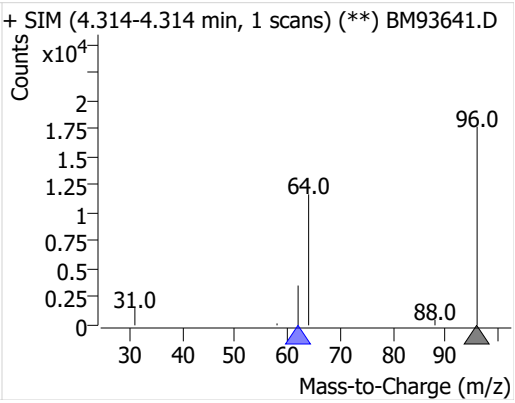
Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.388	0.001	4.314	0.012	38199	80.4547	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.409	0.003	4.378	0.020	1608	3.4337	ug/L

1,4-Dioxane-d8

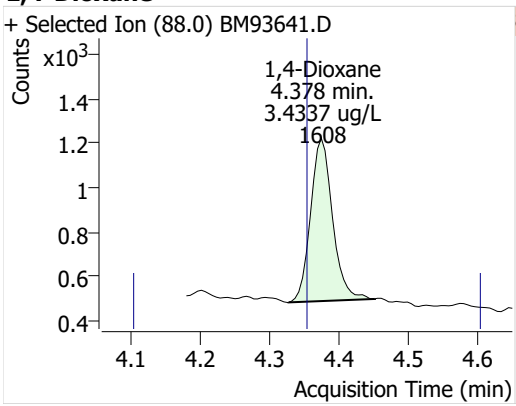


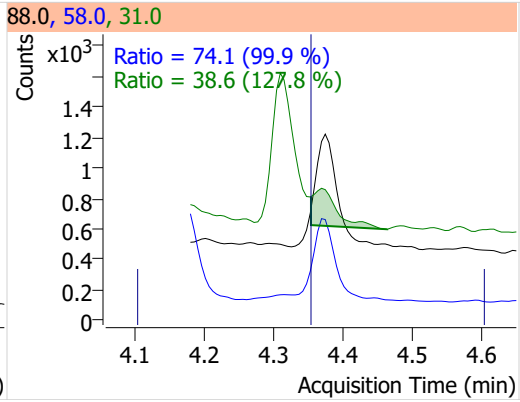


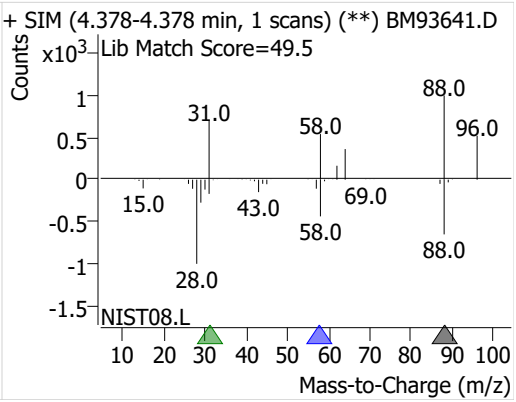


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





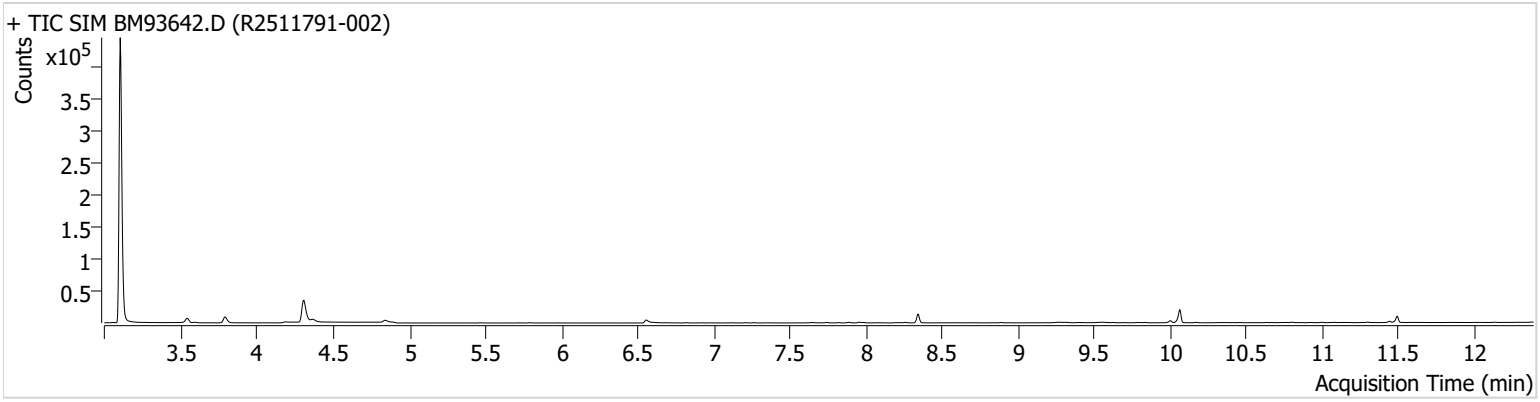


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93642.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93642.D

Acq. Date-Time	9/24/2025 7:45:57 PM	**Name**	R2511791-002
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.098	0.000	253622	100.0000	ug/L

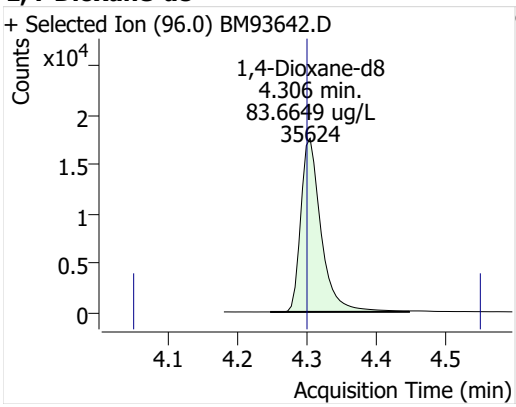
Surrogates

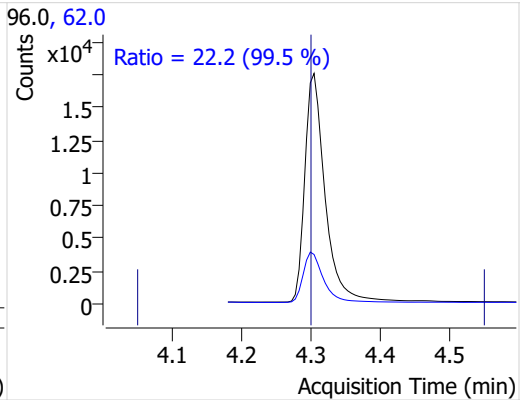
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.390	0.002	4.306	0.004	35624	83.6649	ug/L

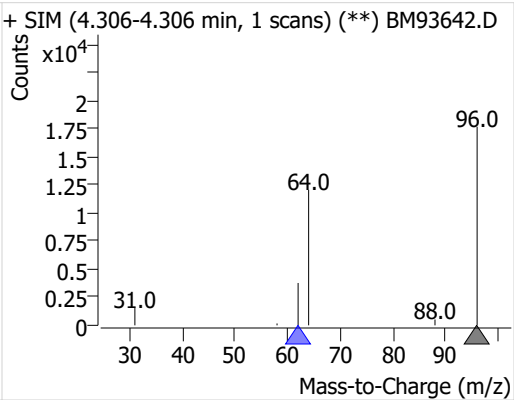
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.410	0.004	4.369	0.011	3892	9.1353	ug/L

1,4-Dioxane-d8

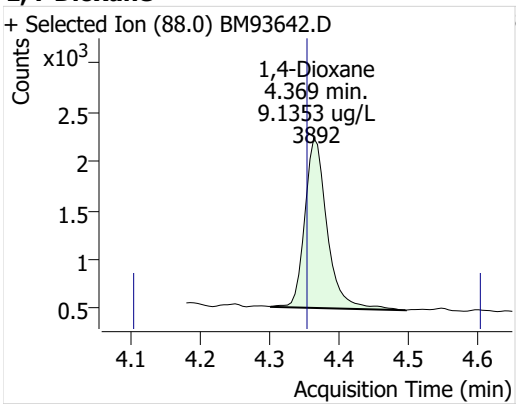


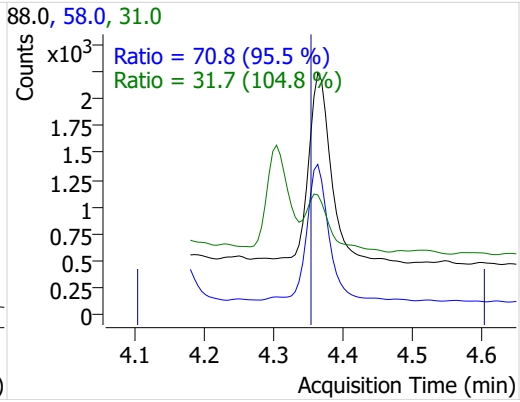


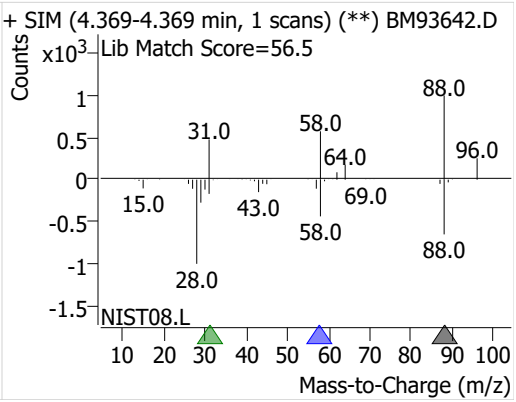


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





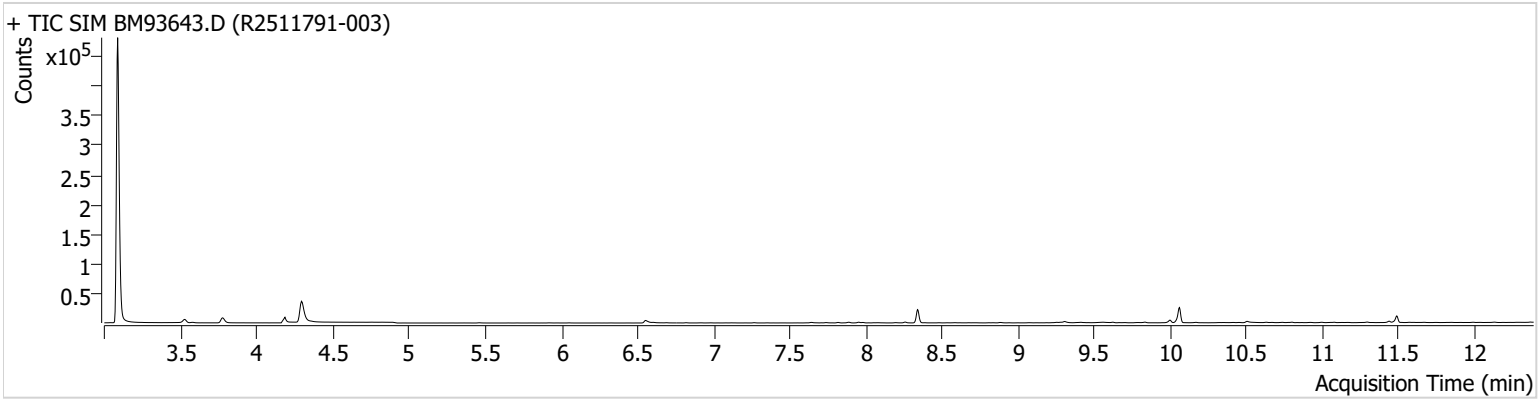


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93643.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93643.D

Acq. Date-Time	9/24/2025 8:02:39 PM	**Name**	R2511791-003
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

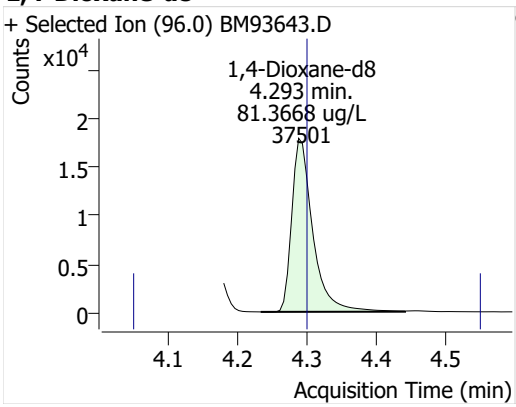


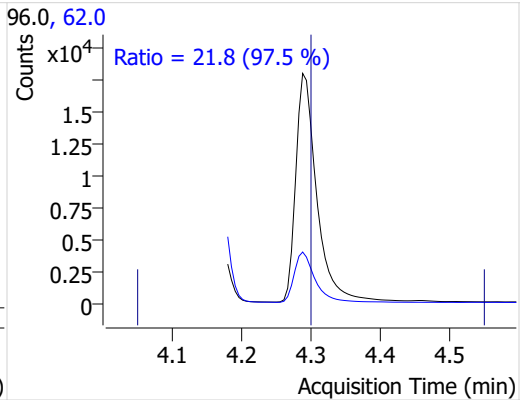
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.081	0.017	274542	100.0000	ug/L

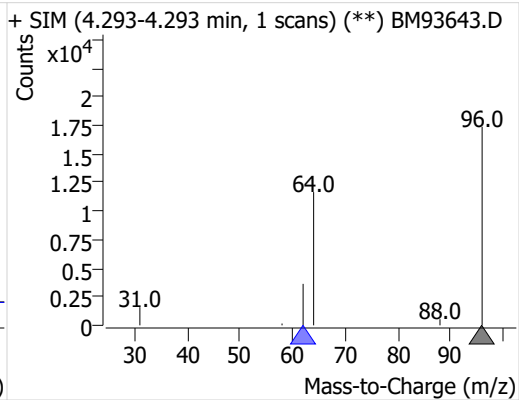
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.394	0.005	4.293	0.009	37501	81.3668	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.414	0.008	4.357	0.002	707	1.5975	ug/L

1,4-Dioxane-d8

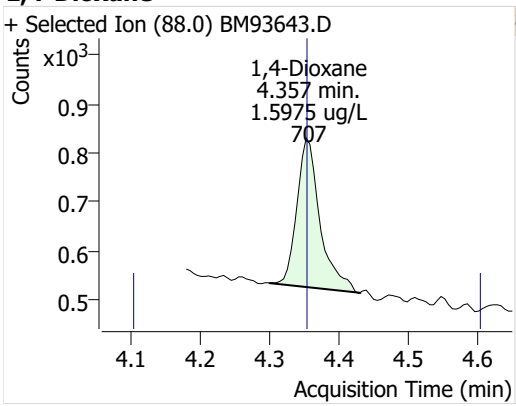


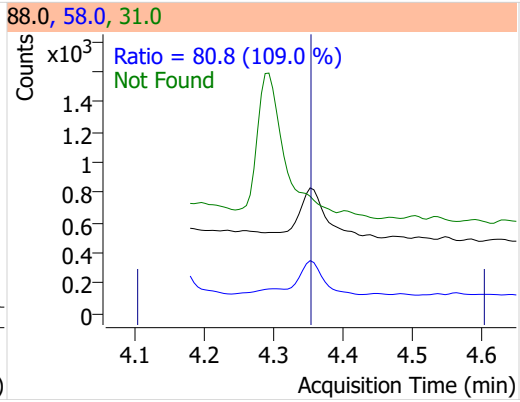


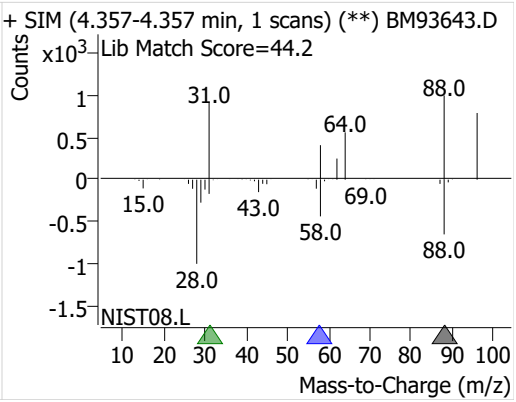


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





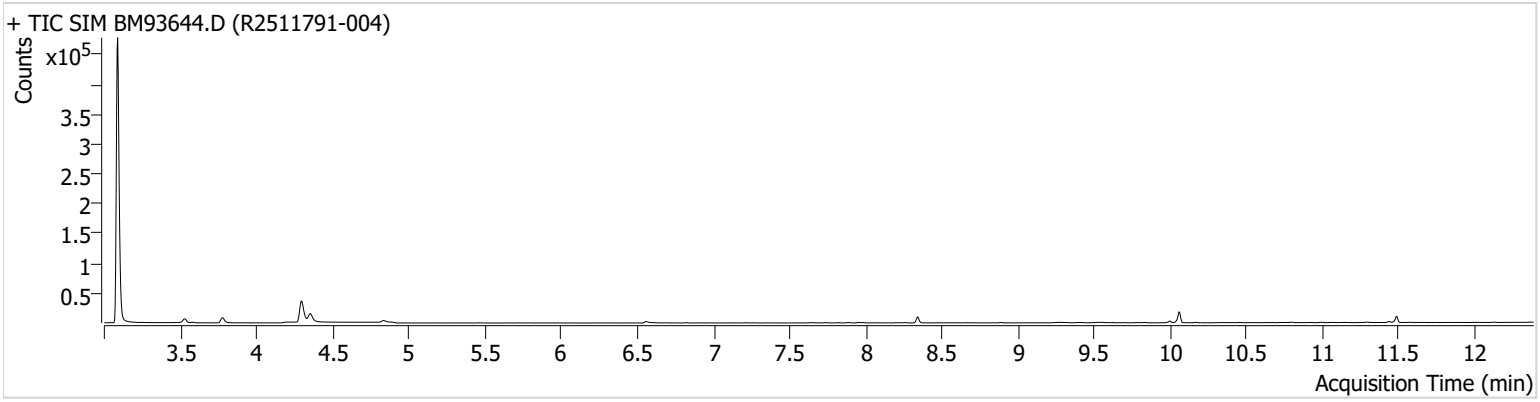


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93644.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93644.D

Acq. Date-Time	9/24/2025 8:19:34 PM	**Name**	R2511791-004
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

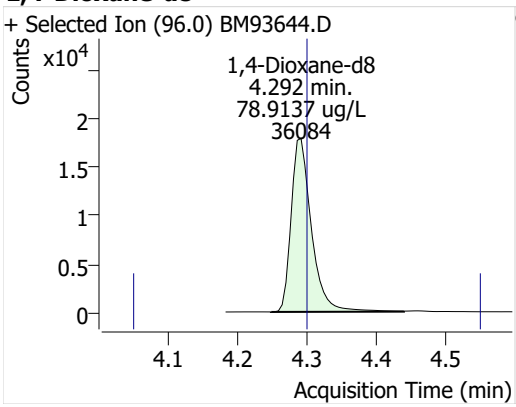


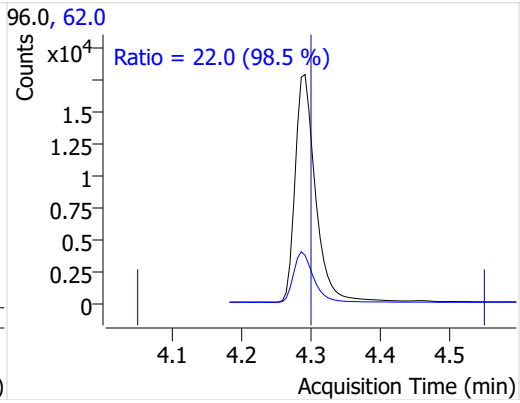
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.081	0.017	272393	100.0000	ug/L

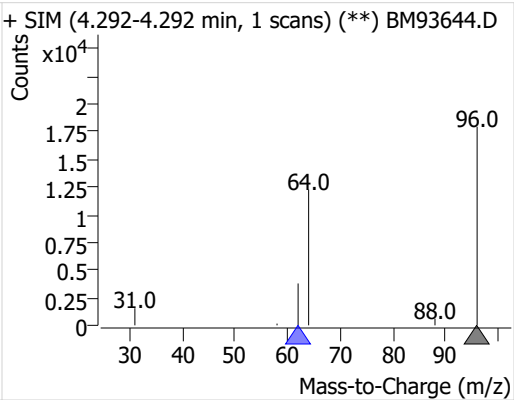
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.393	0.005	4.292	0.010	36084	78.9137	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.412	0.006	4.351	0.006	14223	30.8977	ug/L

1,4-Dioxane-d8

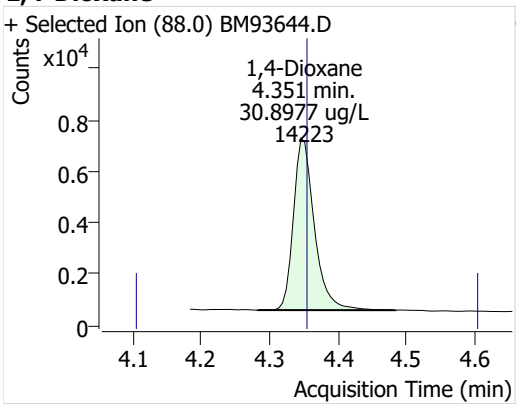


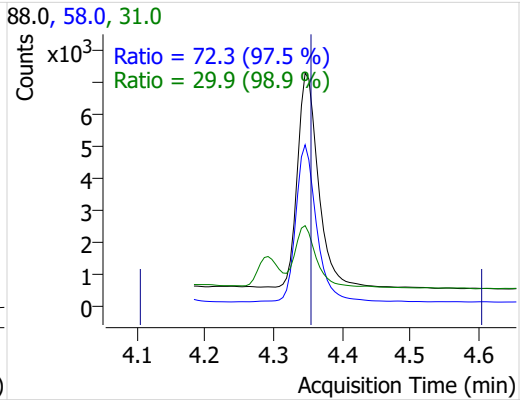


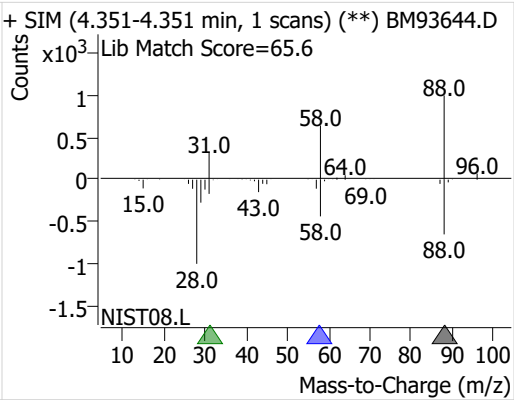


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





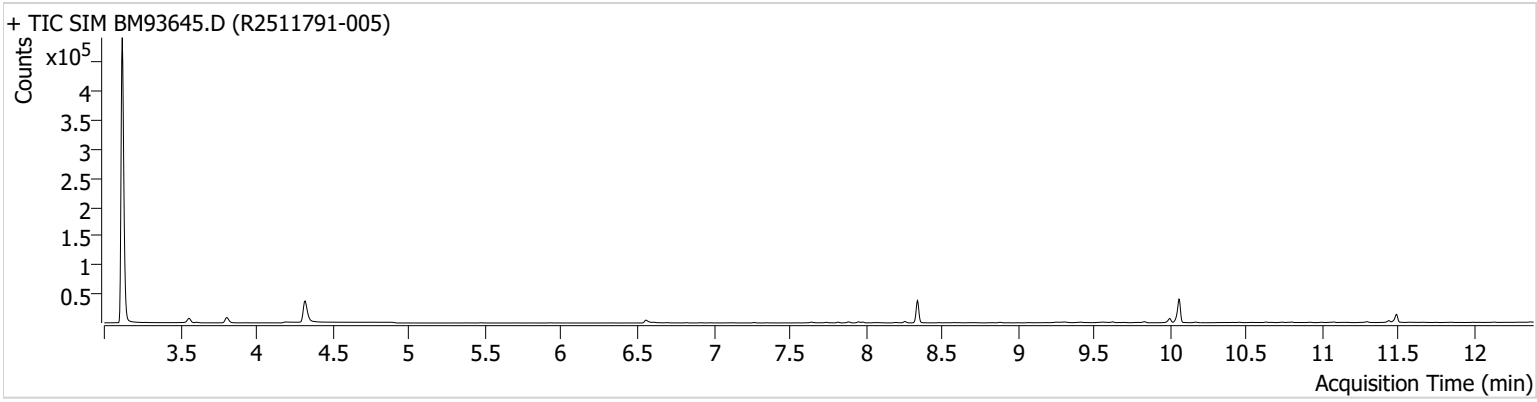


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93645.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93645.D

Acq. Date-Time	9/24/2025 8:36:15 PM	**Name**	R2511791-005
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

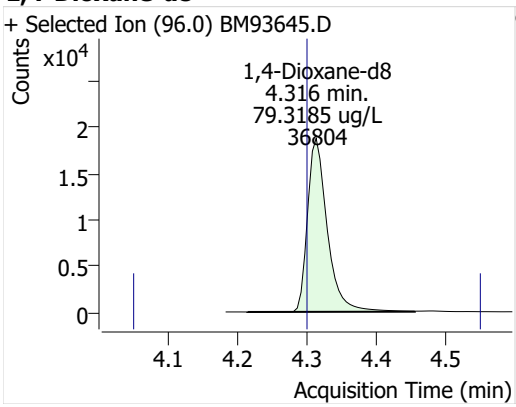


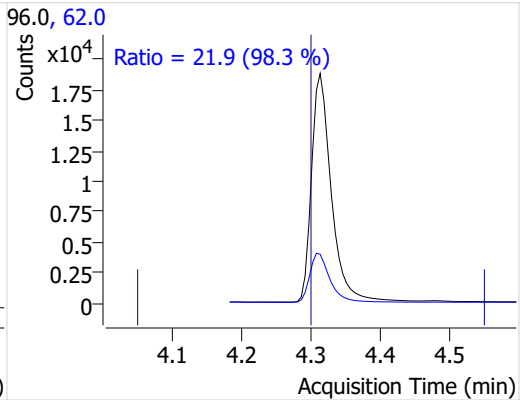
Internal Standards	QIon			RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0			3.111	0.014	276410	100.0000	ug/L

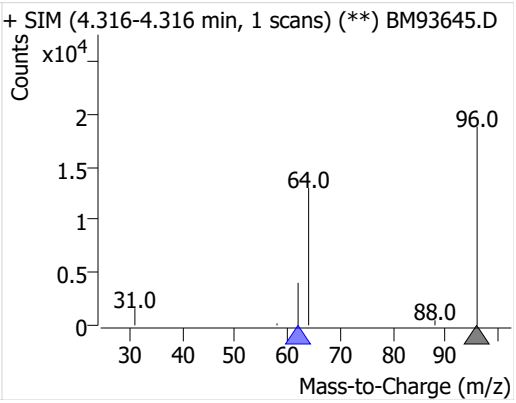
Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.387	0.001	4.316	0.014	36804	79.3185	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.408	0.002	4.382	0.025	199	0.5027	ug/L

1,4-Dioxane-d8

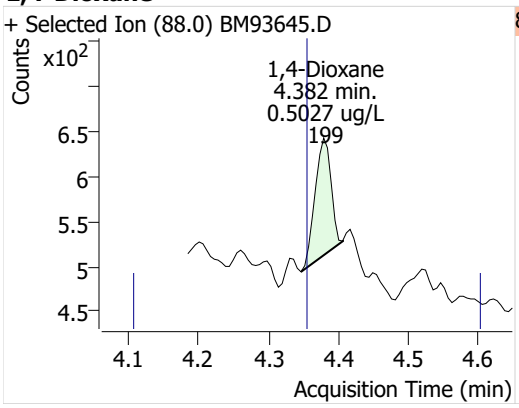


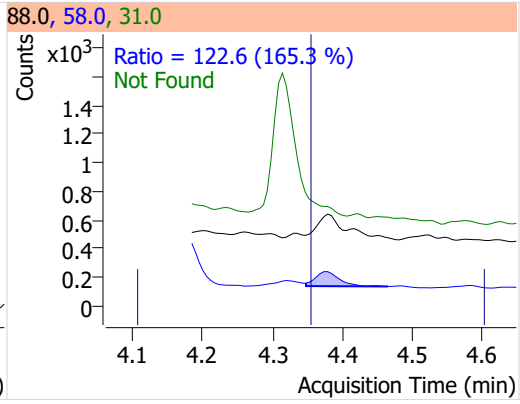


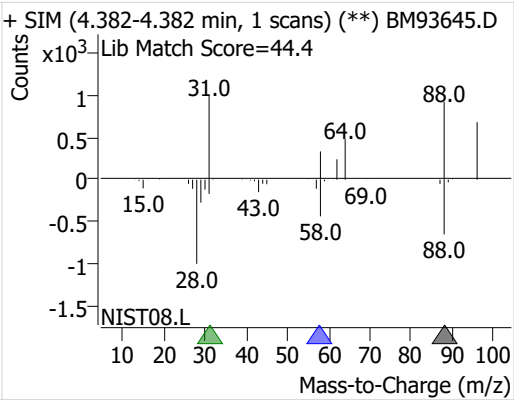


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





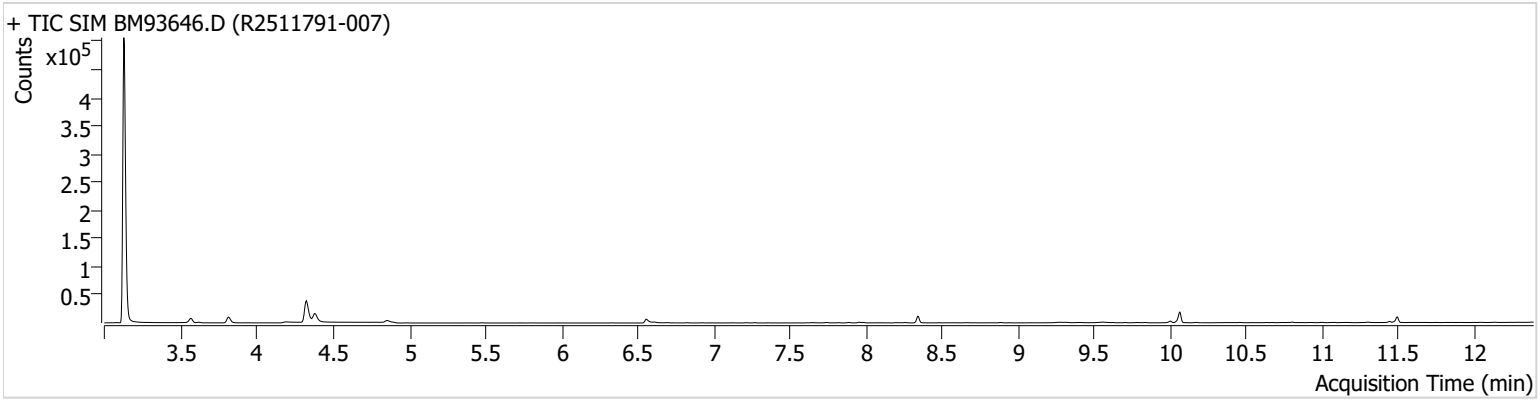


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93646.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93646.D

Acq. Date-Time	9/24/2025 8:52:55 PM	**Name**	R2511791-007
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

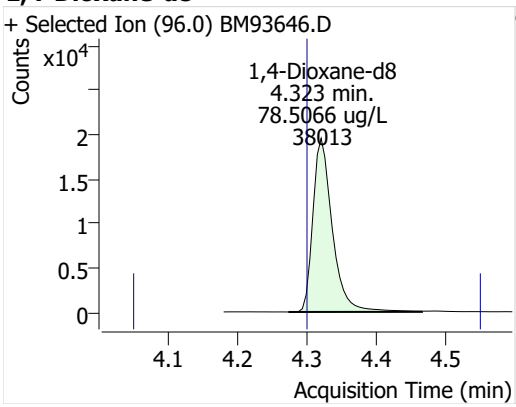


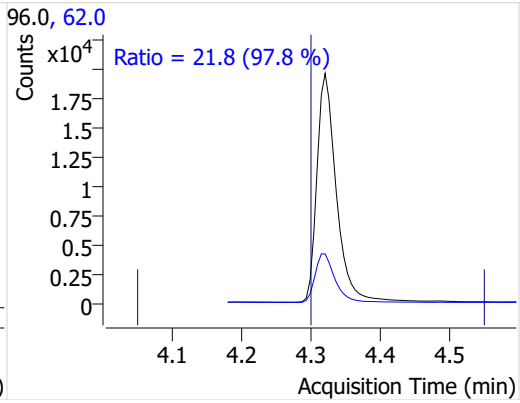
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.121	0.024	288448	100.0000	ug/L

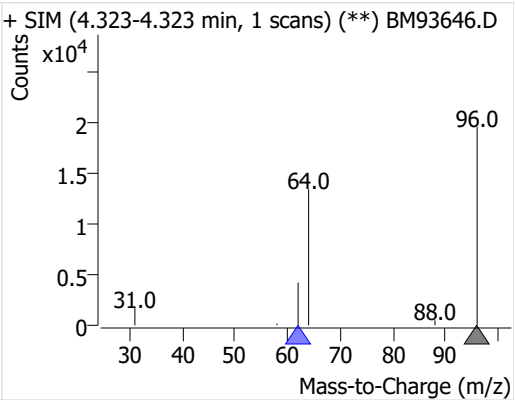
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.385	0.003	4.323	0.021	38013	78.5066	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.404	0.002	4.381	0.023	14816	30.3957	ug/L

1,4-Dioxane-d8

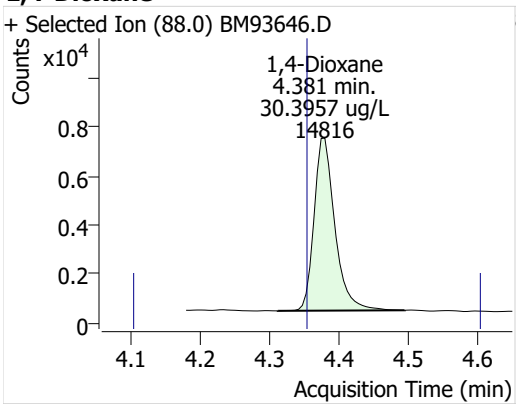


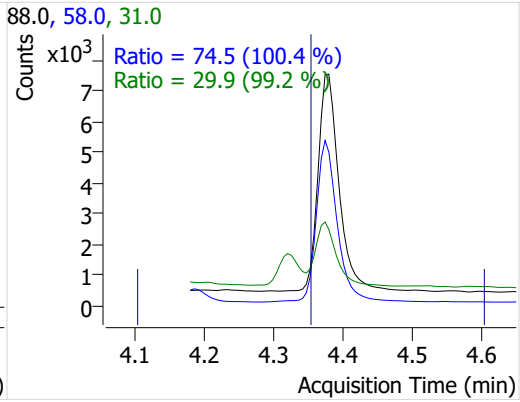


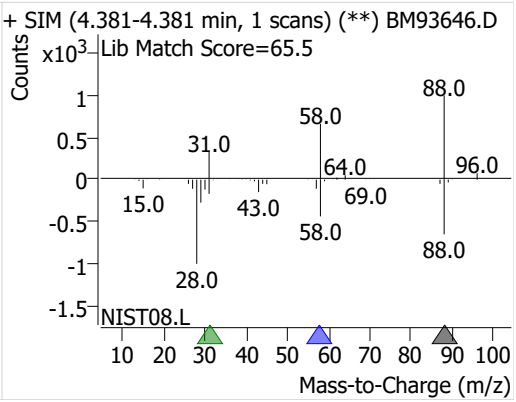


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





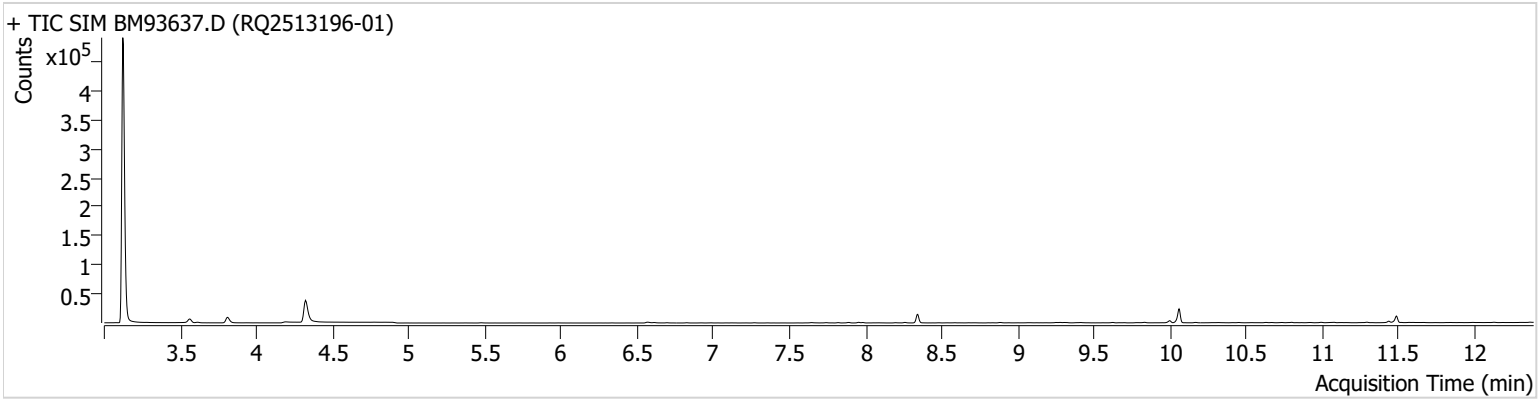


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93637.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93637.D

Acq. Date-Time	9/24/2025 6:21:20 PM	**Name**	RQ2513196-01
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1

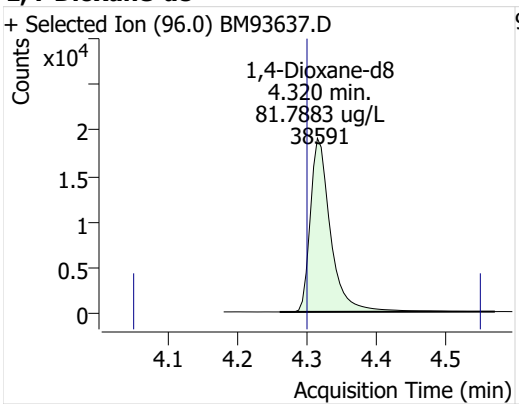


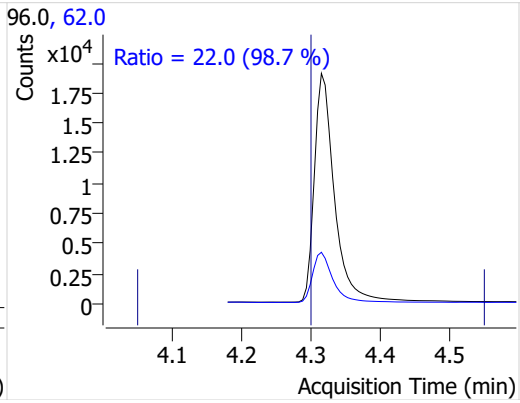
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.114	0.017	281066	100.0000	ug/L

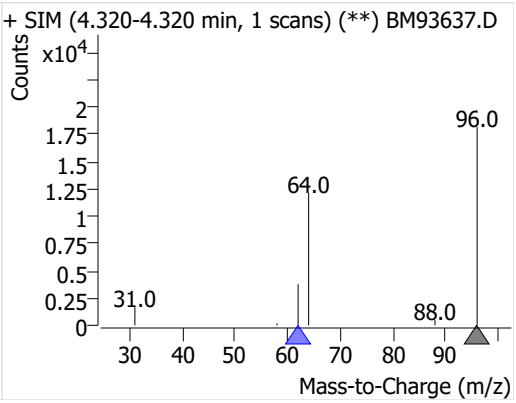
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.387	0.001	4.320	0.018	38591	81.7883	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.408	0.002	4.386	0.029	313	0.7345	ug/L

1,4-Dioxane-d8

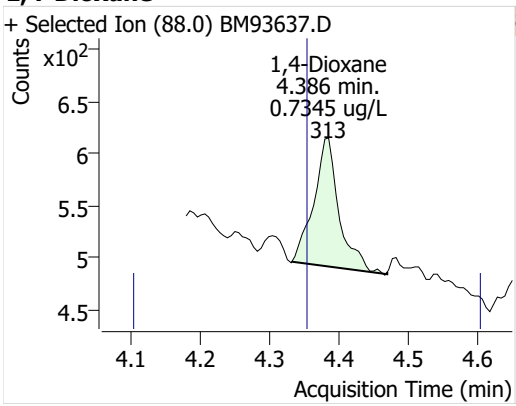


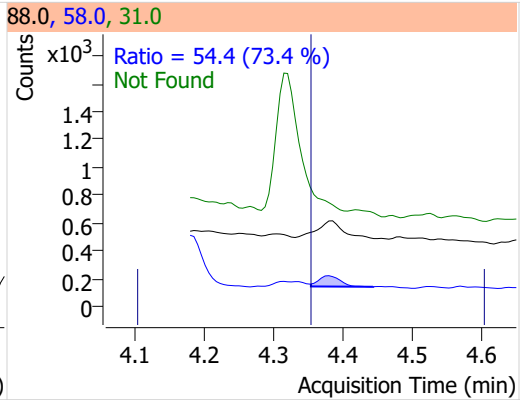


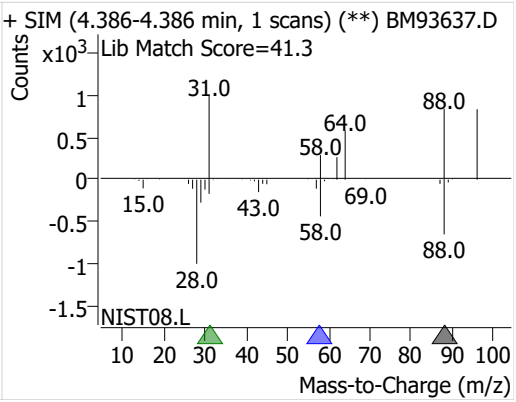


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





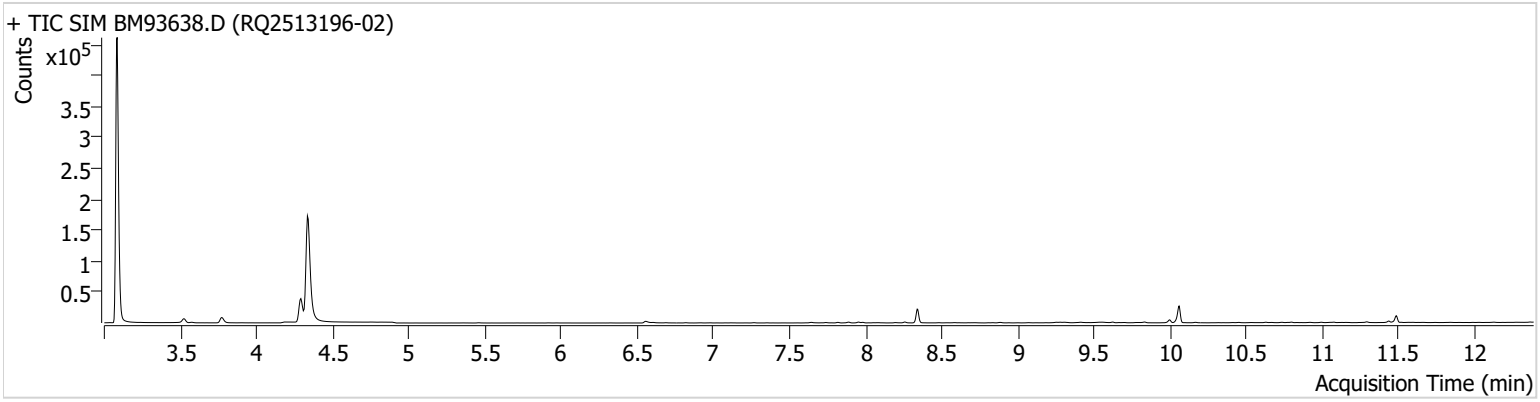


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93638.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93638.D

Acq. Date-Time	9/24/2025 6:38:15 PM	**Name**	RQ2513196-02
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.074	0.022	267277	100.0000	ug/L

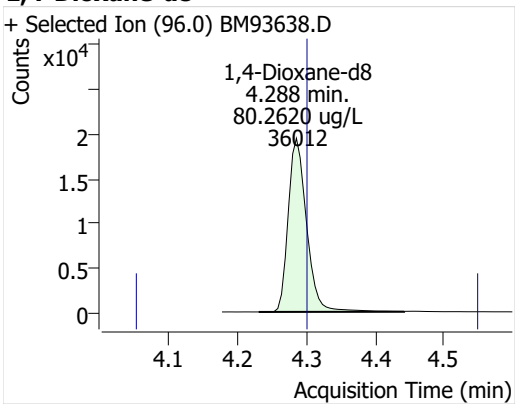
Surrogates

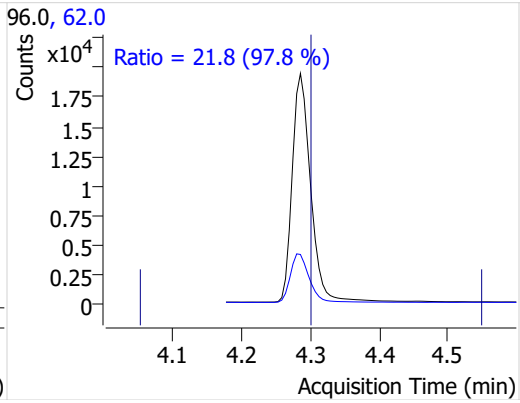
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.395	0.006	4.288	0.015	36012	80.2620	ug/L

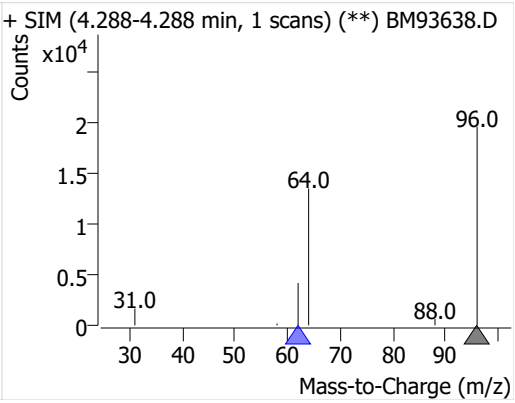
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.410	0.004	4.335	0.023	176158	389.0970	ug/L

1,4-Dioxane-d8

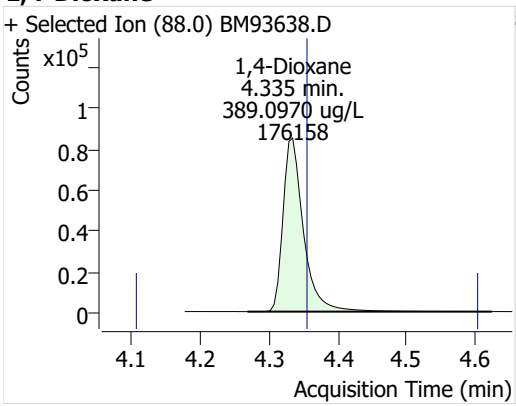


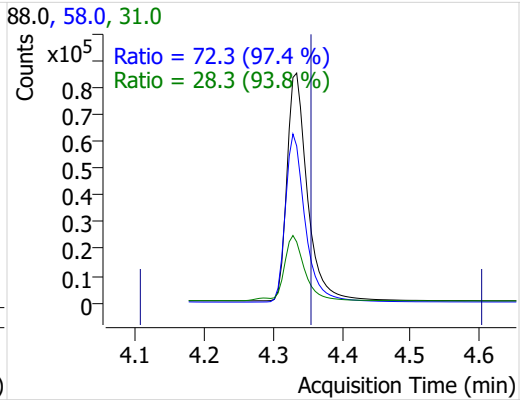


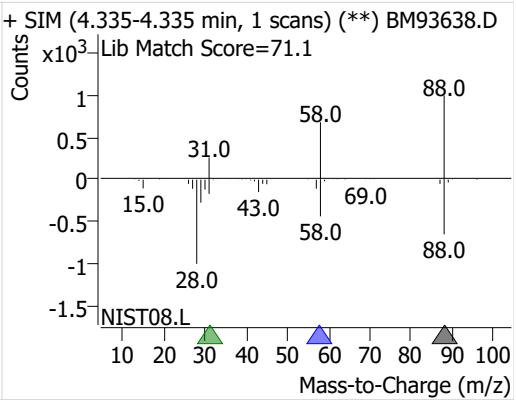


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





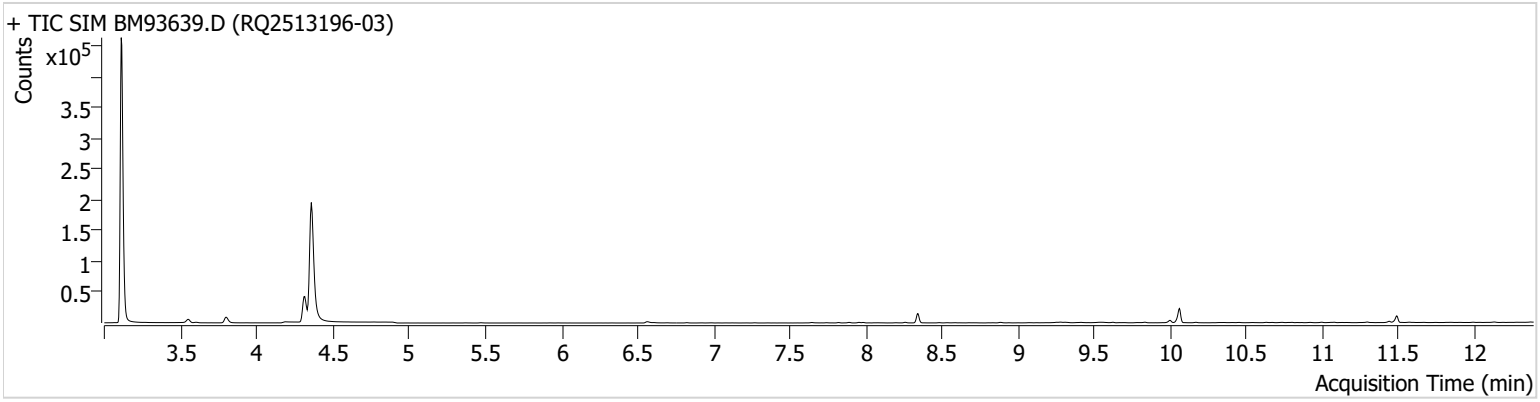


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93639.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin

BM93639.D

Acq. Date-Time	9/24/2025 6:55:13 PM	**Name**	RQ2513196-03
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Batch State**	Processed
Report Generation Time	9/26/2025 9:39:46 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/25/2025 9:40:42 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425-70.batch.bin	**Comment**	464765
		Dilution	1



Internal Standards

	QIon			RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0			3.104	0.007	265321	100.0000	ug/L

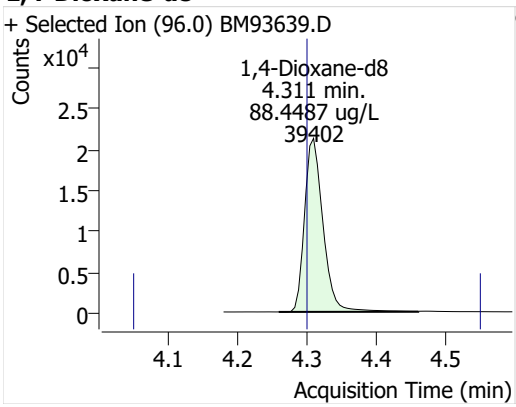
Surrogates

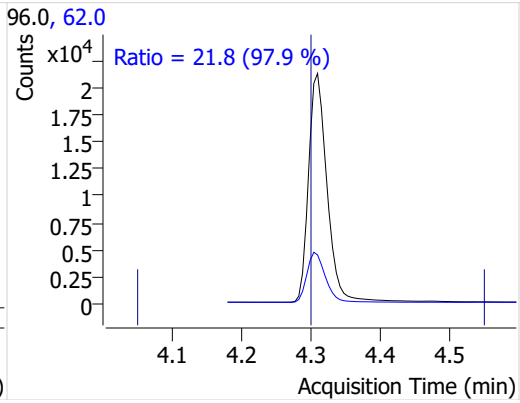
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.389	0.000	4.311	0.009	39402	88.4487	ug/L

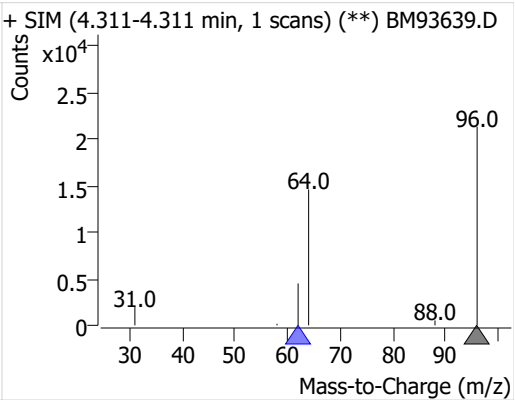
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.404	0.002	4.357	0.001	195827	435.7200	ug/L

1,4-Dioxane-d8

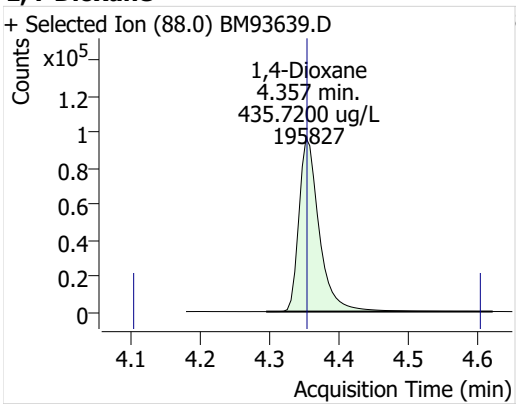


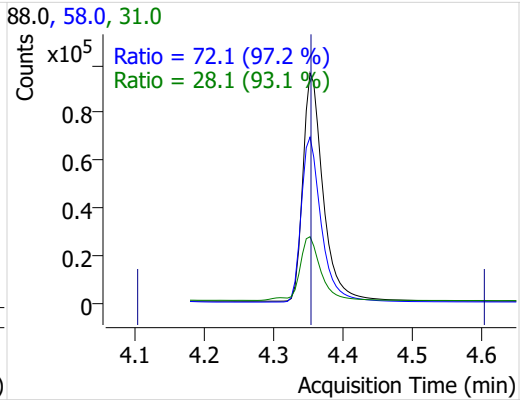


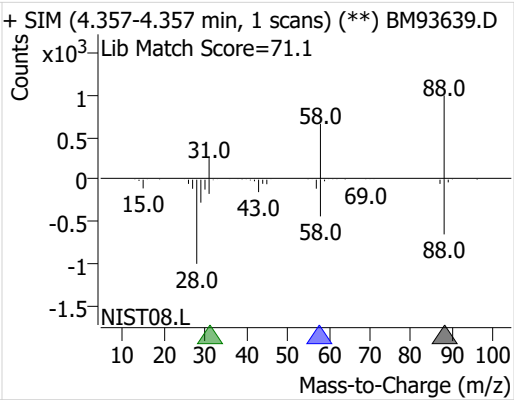


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





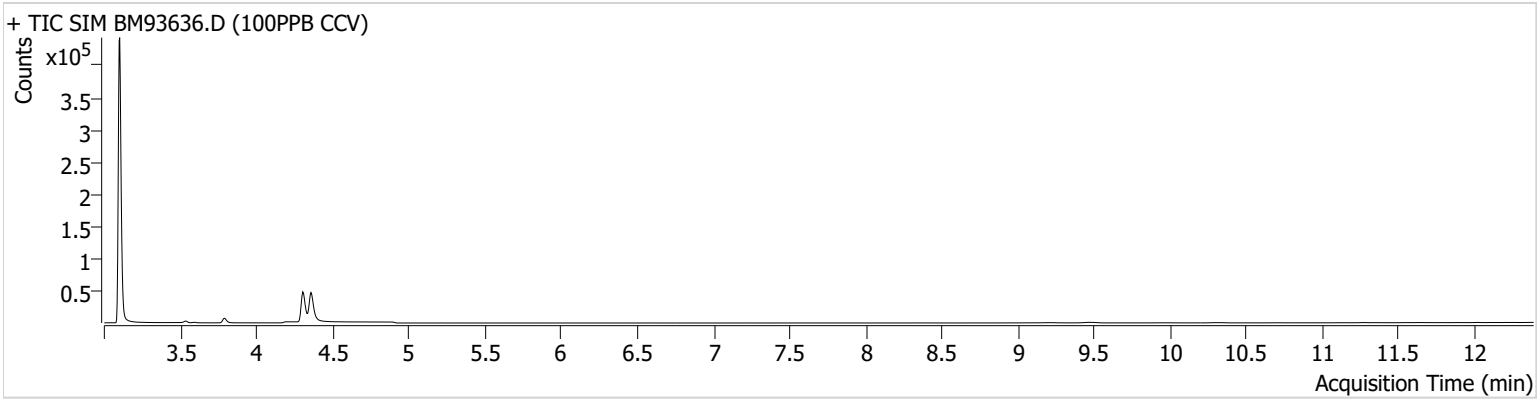


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\092425\BM93636.D
Batch Path: I:\ACQUDATA\5975E\data\092425\QuantResults\092425.batch.bin

BM93636.D

Acq. Date-Time	9/24/2025 6:03:53 PM	**Name**	100PPB CCV
Type	CC	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/25/2025 11:30:10 AM	**Batch State**	Processed
Report Generation Time	9/25/2025 11:30:26 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/24/2025 3:50:36 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	092425.batch.bin	**Comment**	
		Dilution	1

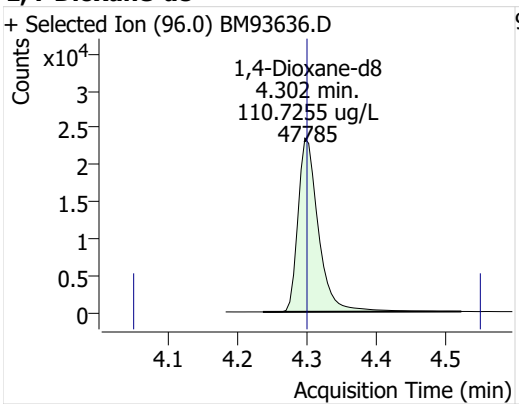


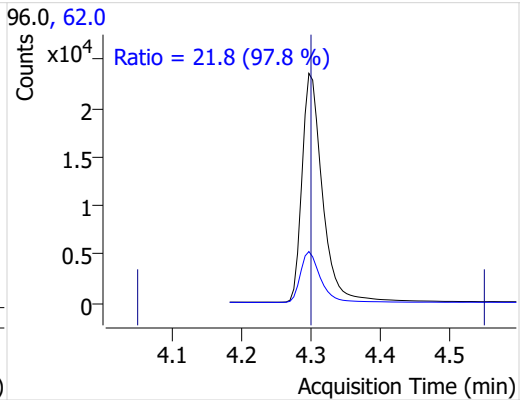
Internal Standards	QIon			RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0			3.091	0.005	256944	100.0000	ug/L

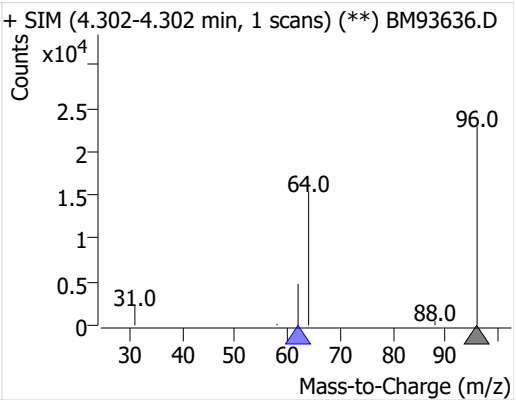
Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.392	0.003	4.302	0.000	47785	110.7255	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.409	0.003	4.356	0.001	46859	107.7211	ug/L

1,4-Dioxane-d8

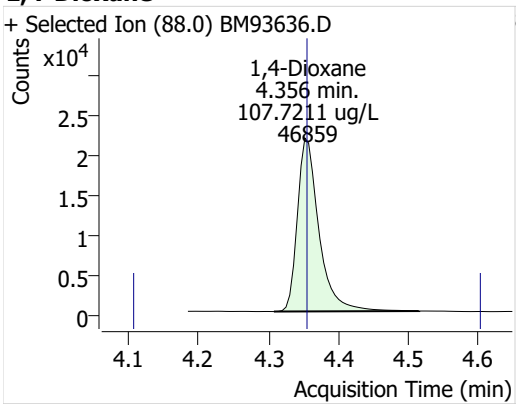


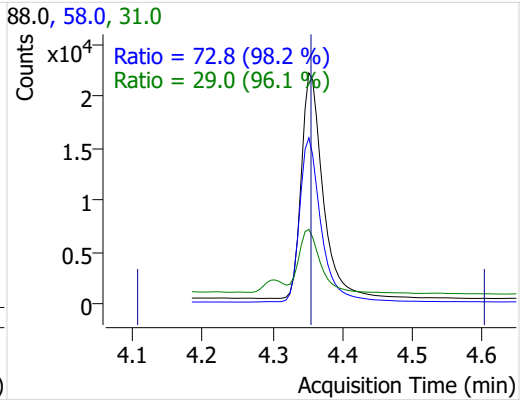


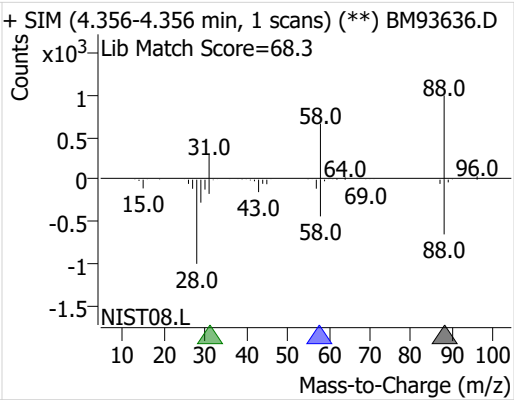


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







Continuing Calibration Report

Batch Name I:\ACQUDATA\5975E\data\092425\QuantResults\092425.batch.bin
Method File I:\ACQUDATA\5975E\data\091725\091725-curve.batch.bin
Daily CC I:\ACQUDATA\5975E\data\092425\BM93636.D

Level name	Injection Time	Calibration Files
5000	9/17/2025 2:01:49 PM	I:\ACQUDATA\5975E\data\091725\BM93544.D
2000	9/17/2025 1:45:03 PM	I:\ACQUDATA\5975E\data\091725\BM93543.D
1000	9/17/2025 1:28:19 PM	I:\ACQUDATA\5975E\data\091725\BM93542.D
500	9/17/2025 1:11:34 PM	I:\ACQUDATA\5975E\data\091725\BM93541.D
200	9/17/2025 12:54:51 PM	I:\ACQUDATA\5975E\data\091725\BM93540.D
100	9/17/2025 12:38:10 PM	I:\ACQUDATA\5975E\data\091725\BM93539.D
20	9/17/2025 12:21:32 PM	I:\ACQUDATA\5975E\data\091725\BM93538.D
10	9/17/2025 12:04:57 PM	I:\ACQUDATA\5975E\data\091725\BM93537.D
2	9/17/2025 11:48:25 AM	I:\ACQUDATA\5975E\data\091725\BM93536.D
1	9/17/2025 11:31:59 AM	I:\ACQUDATA\5975E\data\091725\BM93535.D
200	9/17/2025 2:18:48 PM	I:\ACQUDATA\5975E\data\091725\BM93545.D

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Tetrahydrofuran-d8	272046	298621	256944	86.04	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Tetrahydrofuran-d8	----------ISTD----------							
1,4-Dioxane-d8	-	0.9997	0.1860	100.00	110.73	-10.73	97.17	Linear
1,4-Dioxane	-	0.9993	0.1824	100.00	107.72	-7.72	94.95	Linear

ICV (30%) Compounds Passing: 100% (2 of 2)
CC (20%) Compounds Passing: 100% (2 of 2)

Sequence Table

Batch Data Path File Name	I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin		
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Analyst Name**	KProcopio
Report Generation Time	9/18/2025 9:44:26 AM	**Report Generator Name**	KProcopio
Calibration Last Updated Time Stamp	9/17/2025 6:14:11 PM	**Batch State**	Processed
Analyze Quant Version	12.1Update 3	**Report Quant Version**	12.1

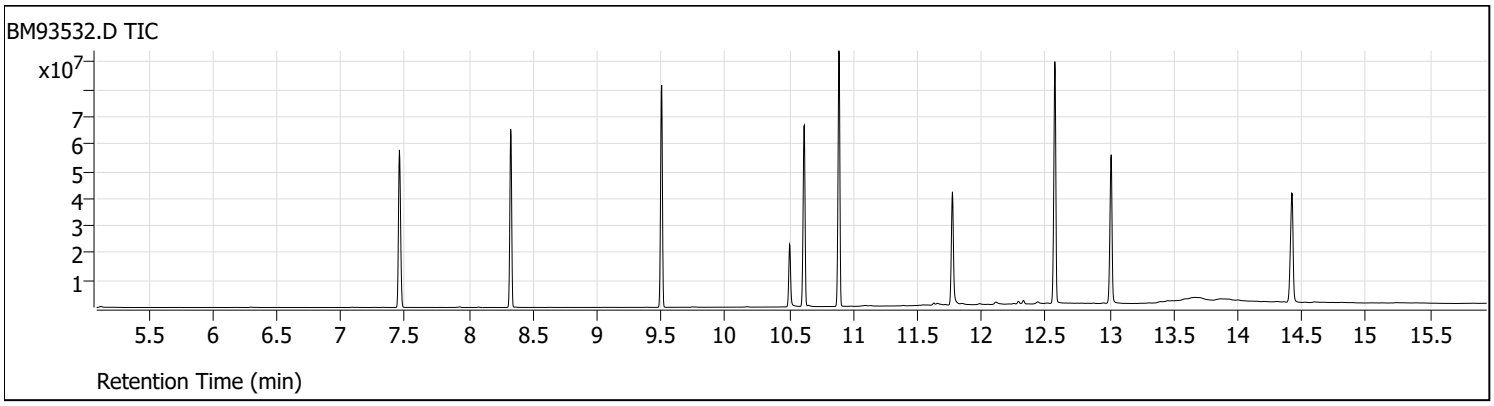
Instrument Name	Acq. Date-Time	Type	Dil.	Vial	Name	Data File	Level	Info.	Sample Group	Acq. Method File	Comment
MS-56 (5975E)	9/17/2025 9:05 AM	Sample	1	2	DFTPP TUNE	BM93532.D			SVOC	DFTPPDIO	243062
MS-56 (5975E)	9/17/2025 9:28 AM	Sample	1	3	BFB TUNE	BM93533.D			SVOC	bfbtune	243058
MS-56 (5975E)	9/17/2025 11:09 AM	Sample	1	4	IB	BM93534.D			SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 11:31 AM	Calibration	1	5	1PPB	BM93535.D	1		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 11:48 AM	Calibration	1	6	2PPB	BM93536.D	2		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 12:04 PM	Calibration	1	7	10PPB	BM93537.D	10		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 12:21 PM	Calibration	1	8	20PPB	BM93538.D	20		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 12:38 PM	Calibration	1	9	100PPB	BM93539.D	100		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 12:54 PM	Calibration	1	10	200PPB	BM93540.D	200		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 1:11 PM	Calibration	1	11	500PPB	BM93541.D	500		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 1:28 PM	Calibration	1	12	1000PPB	BM93542.D	1000		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 1:45 PM	Calibration	1	13	2000PPB	BM93543.D	2000		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 2:01 PM	Calibration	1	14	5000PPB	BM93544.D	5000		SVOC	ISODIOXANE	
MS-56 (5975E)	9/17/2025 2:18 PM	CC	1	15	ICV	BM93545.D	200		SVOC	ISODIOXANE	

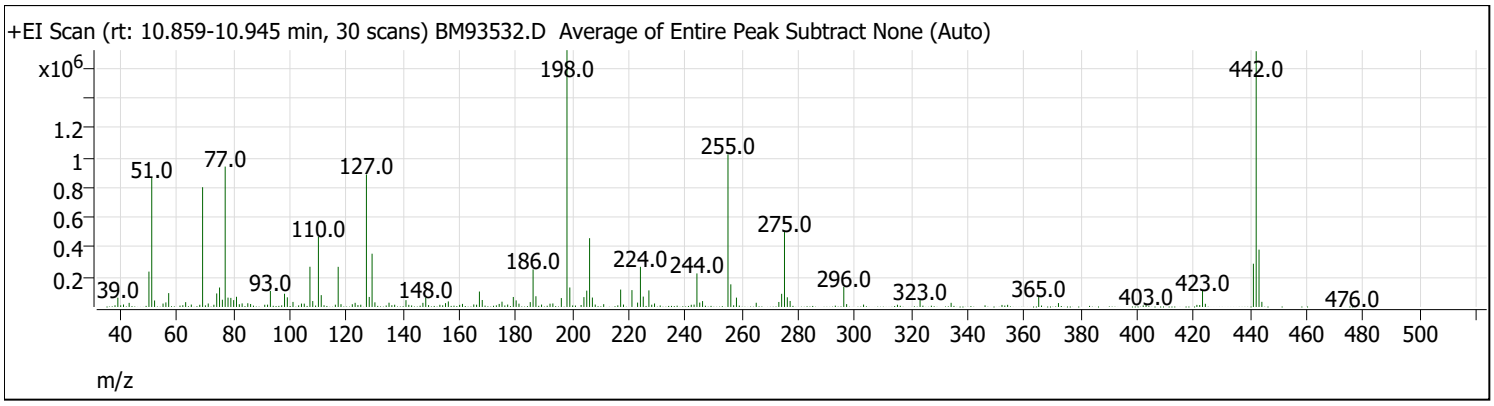
Calibration Batch: 9/17/25
RC2500197
DCM: 243765
1°-242119 (20ppm), 243724 (5ppm)
2° - 242542 (50ppm)
THF Int: 243639

Tune Evaluation Report

1st 09/18/25
2nd 09/19/25

Data Path:	I:\ACQUDATA\5975E\data\091725\BM93532.D
Acq on:	9/17/2025 9:05:56 AM
Operator:	KProcopio
Sample:	DFTPP TUNE
Inst Name:	MS-56 (5975E)
ALS Vial:	2
Method:	I:\ACQUDATA\MassHunter\Tune Methods\Dioxane DFTPP.m

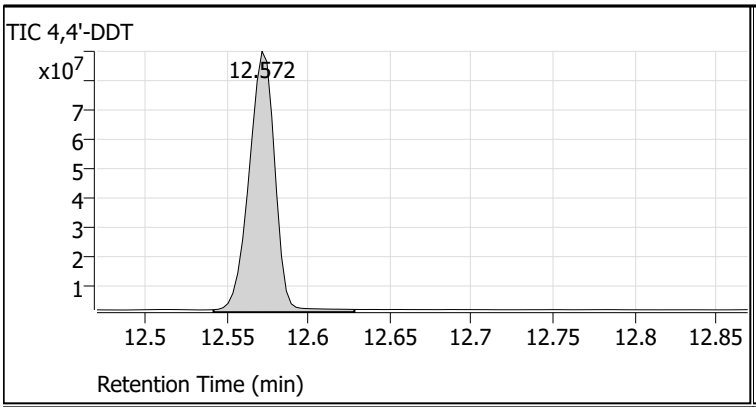


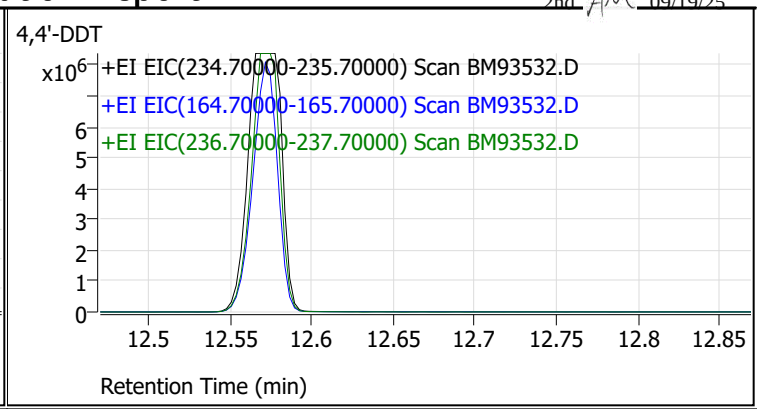


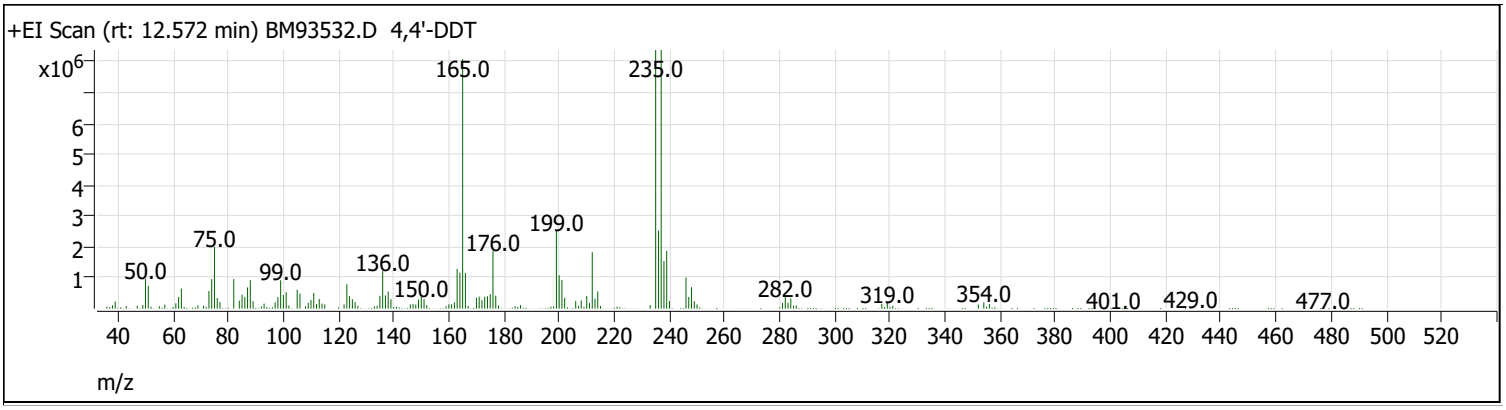
Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
68	69	0	2	1.8	14787	Pass
70	69	0	2	1.3	10803	Pass
197	198	0	1	0.1	2305	Pass
198	198	100	100	100.0	1720700	Pass
199	198	5	9	7.6	130538	Pass
365	198	1	200	3.9	67607	Pass
441	443	0.01	150	75.4	289892	Pass
442	442	100	100	100.0	1713394	Pass
443	442	15	24	22.4	384319	Pass
69	69	100	100	100.0	802277	Pass

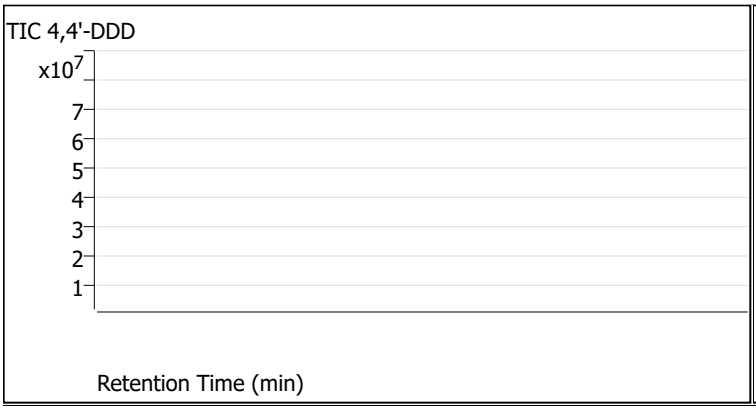
Tune Evaluation Report

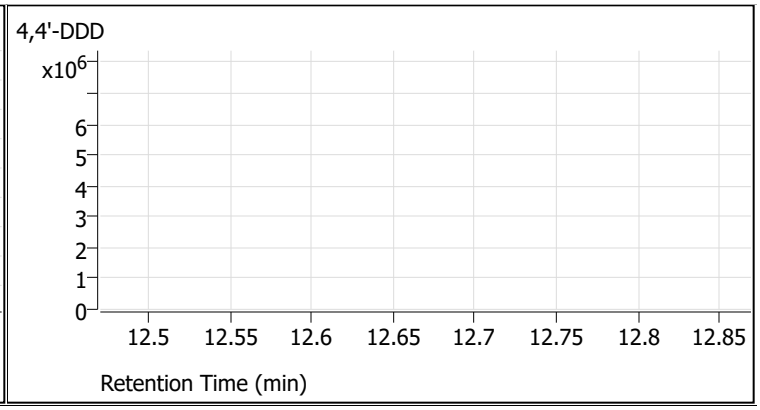
1st 09/18/25
2nd 09/19/25

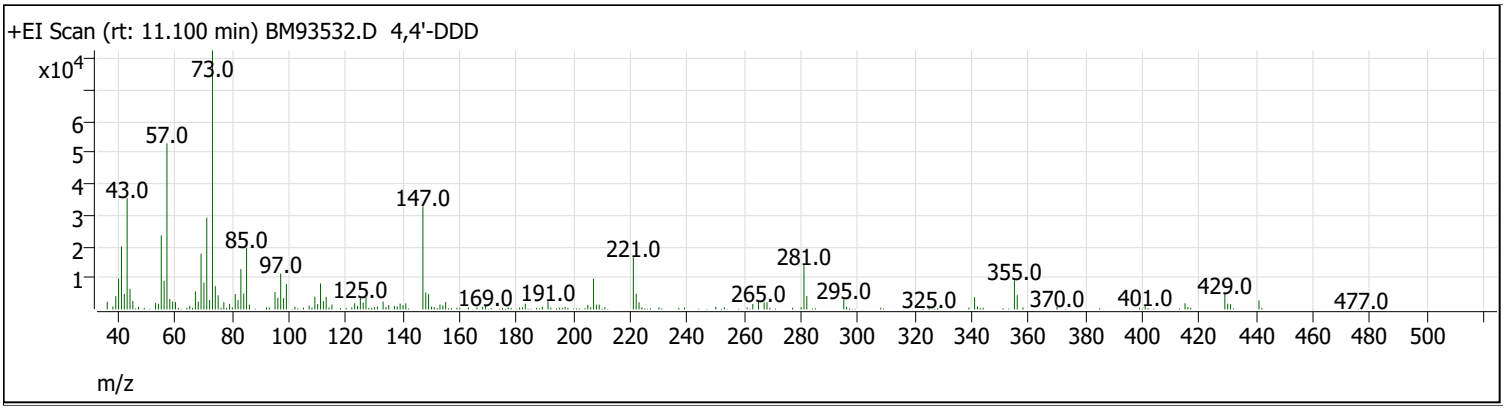


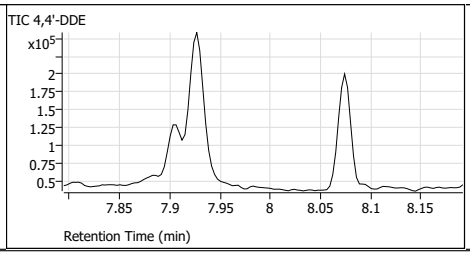


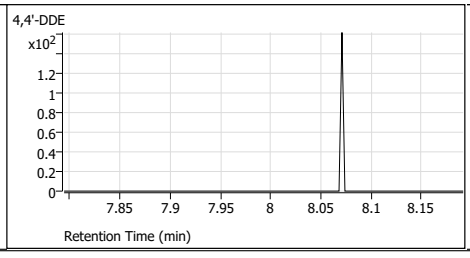




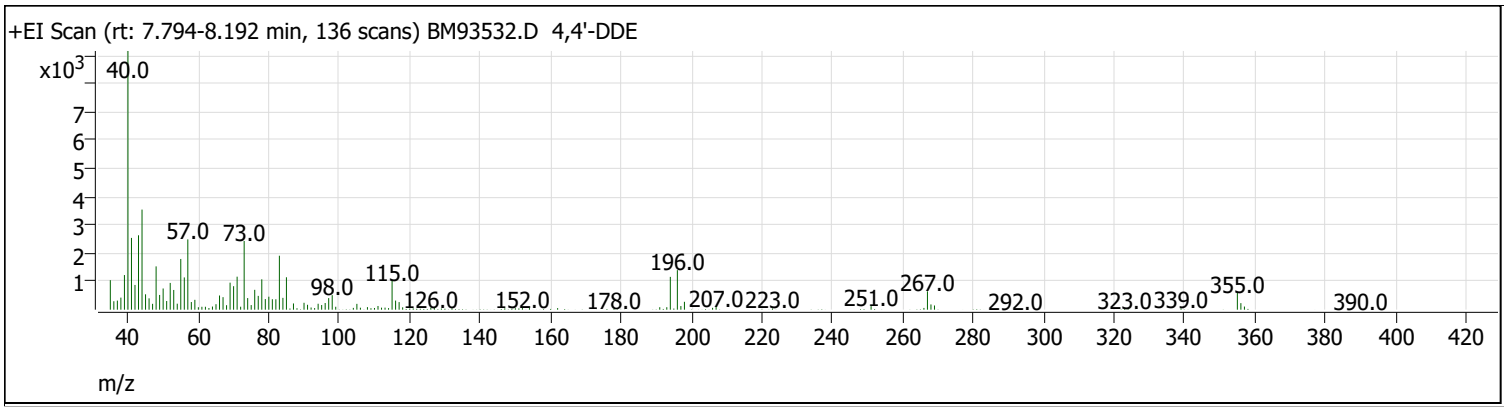








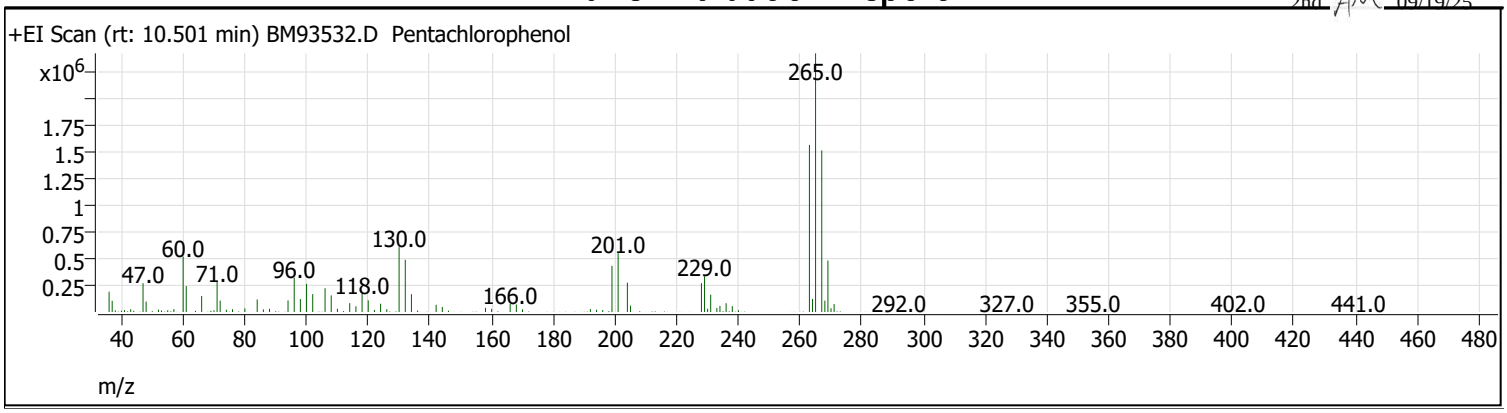
Tune Evaluation Report

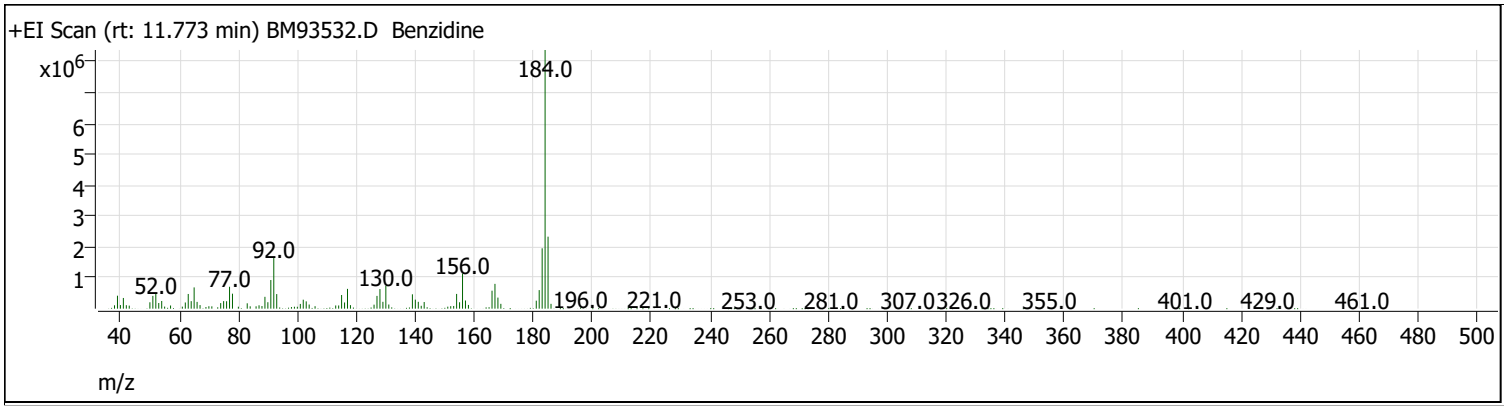


Compound Name	Expected RT	Observed RT	TIC Area	Breakdown %	Pass/Fail
4,4'-DDT	12.670	12.572	99906507	0.0	Pass
4,4'-DDD	11.100	0.000	0		
4,4'-DDE	7.992	0.000	0		

Tune Evaluation Report

1st 09/18/25
2nd 09/19/25



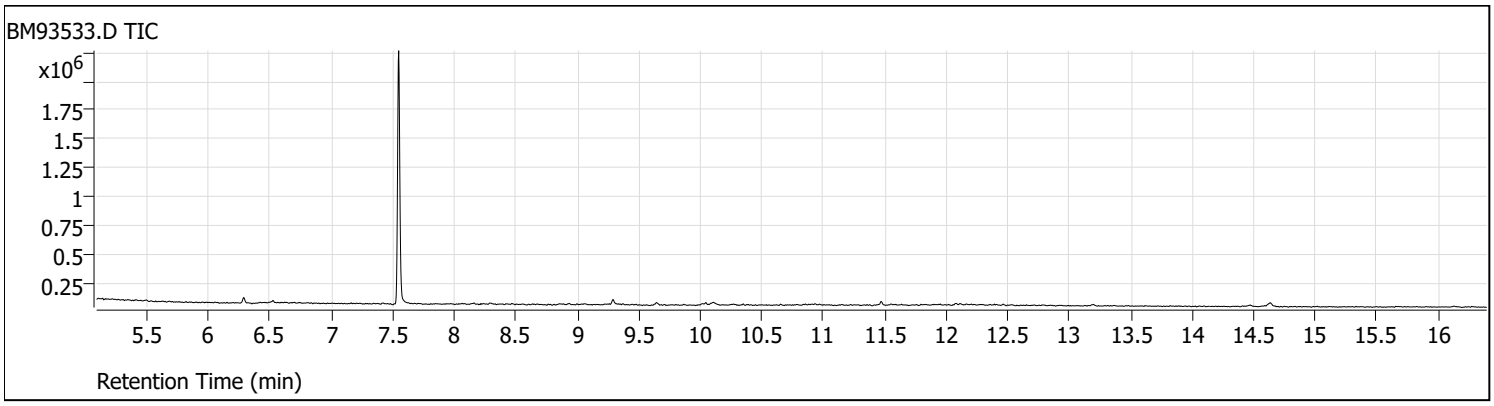


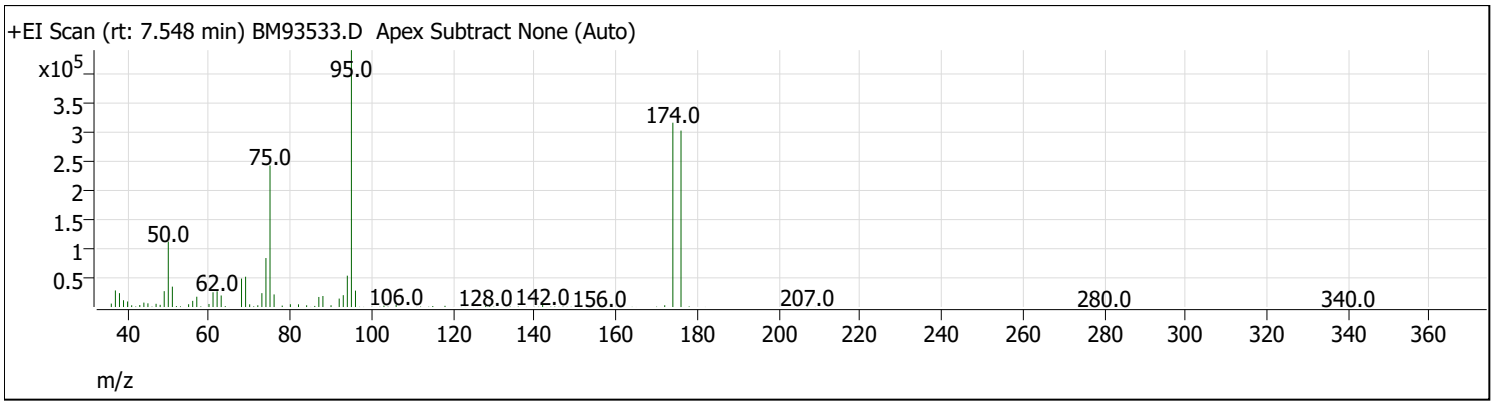
Compound Name	Expected RT	Observed RT	Tailing Factor	PGF	Pass/Fail
Pentachlorophenol	10.595	10.501	1.3	0.9	Pass
Benzidine	11.870	11.773	1.0	0.9	Pass

Tune Evaluation Report

1st 09/18/25
2nd 09/19/25

Data Path:	I:\ACQUDATA\5975E\data\091725\BM93533.D
Acq on:	9/17/2025 9:28:14 AM
Operator:	KProcopio
Sample:	BFB TUNE
Inst Name:	MS-56 (5975E)
ALS Vial:	3
Method:	I:\ACQUDATA\MassHunter\Tune Methods\BFB.m





Target Mass	Rel. To Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Pass/Fail
50	95	15	40	25.5	112688	Pass
75	95	30	80	55.1	243648	Pass
95	95	100	100	100.0	442176	Pass
96	95	5	9	6.4	28264	Pass
173	174	0	2	0.0	0	Pass
174	95	50	100	71.7	317248	Pass
175	174	5	9	6.8	21512	Pass
176	174	95	101	95.7	303744	Pass
177	176	5	9	6.2	18800	Pass

1st 09/18/25

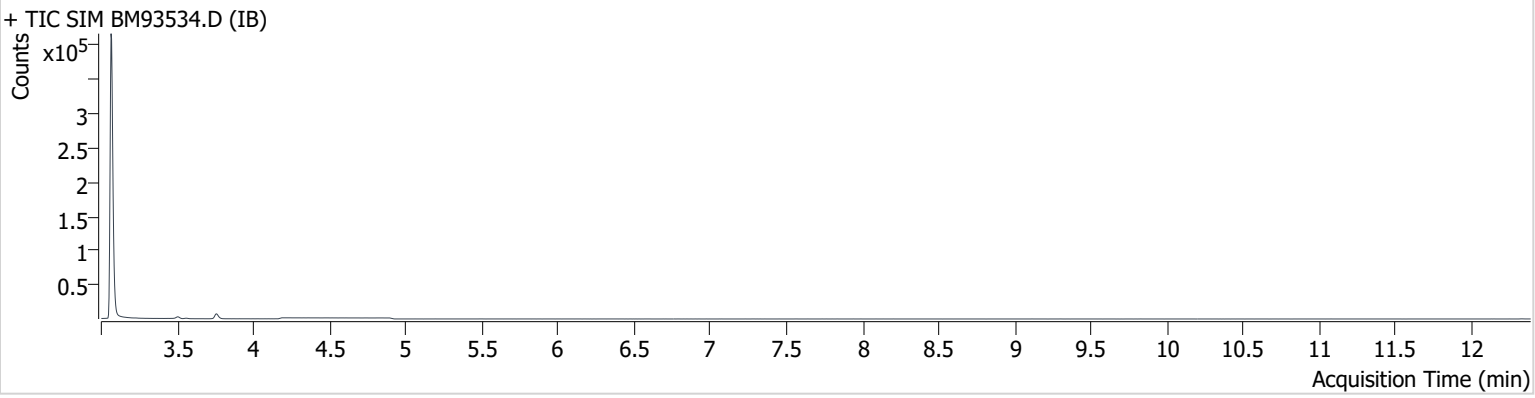
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93534.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93534.D

Acq. Date-Time	9/17/2025 11:09:05 AM	**Name**	IB
Type	Sample	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.057	0.040	247203	100.0000	ug/L

Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000						ND	ug/L

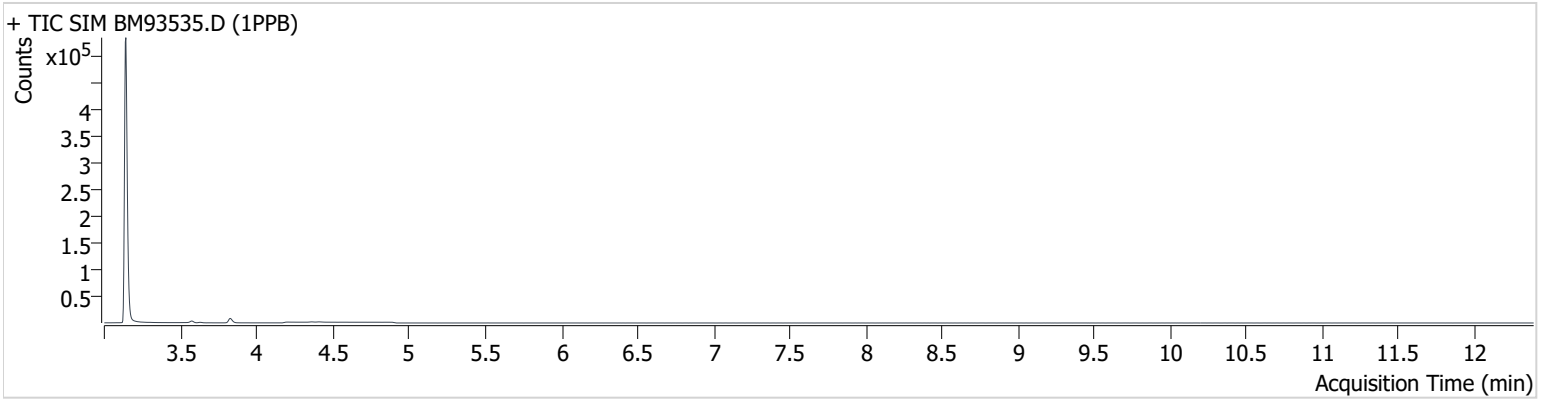
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93535.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93535.D

Acq. Date-Time	9/17/2025 11:31:59 AM	**Name**	1PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1

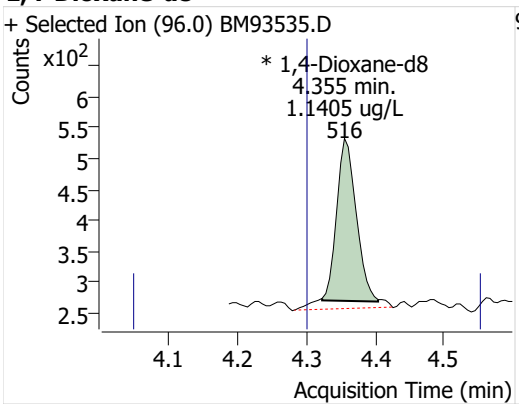


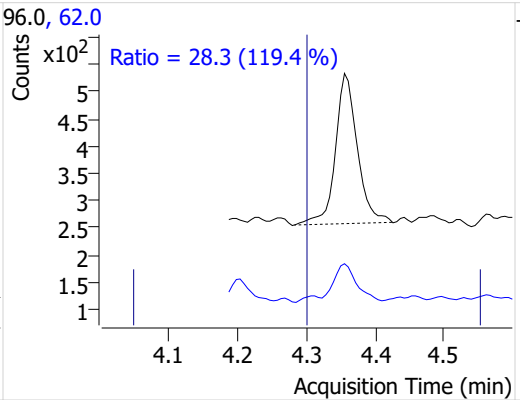
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.131	0.036	311775	100.0000	ug/L

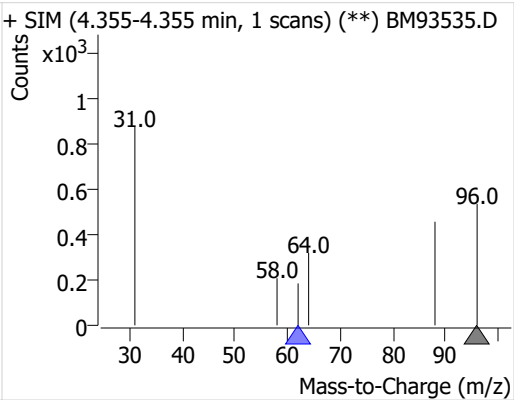
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.391	0.002	4.355	0.055	516 GT	1.1405	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.408	0.002	4.409	0.052	501 GT	1.0274	ug/L

1,4-Dioxane-d8

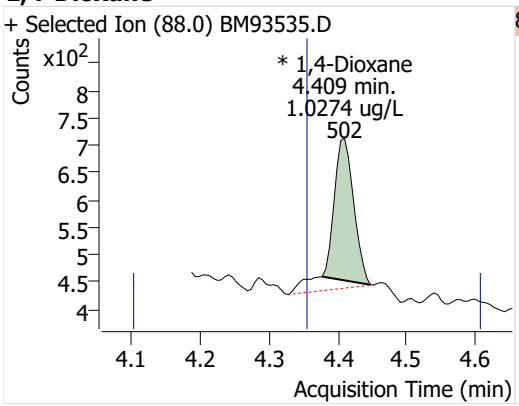


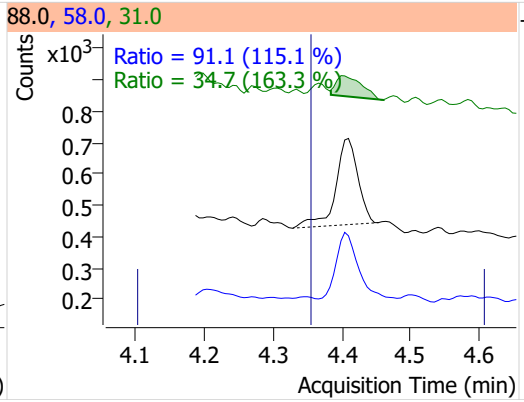


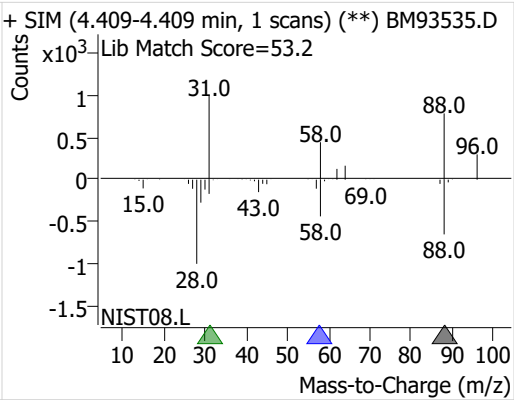


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







1st 09/18/25

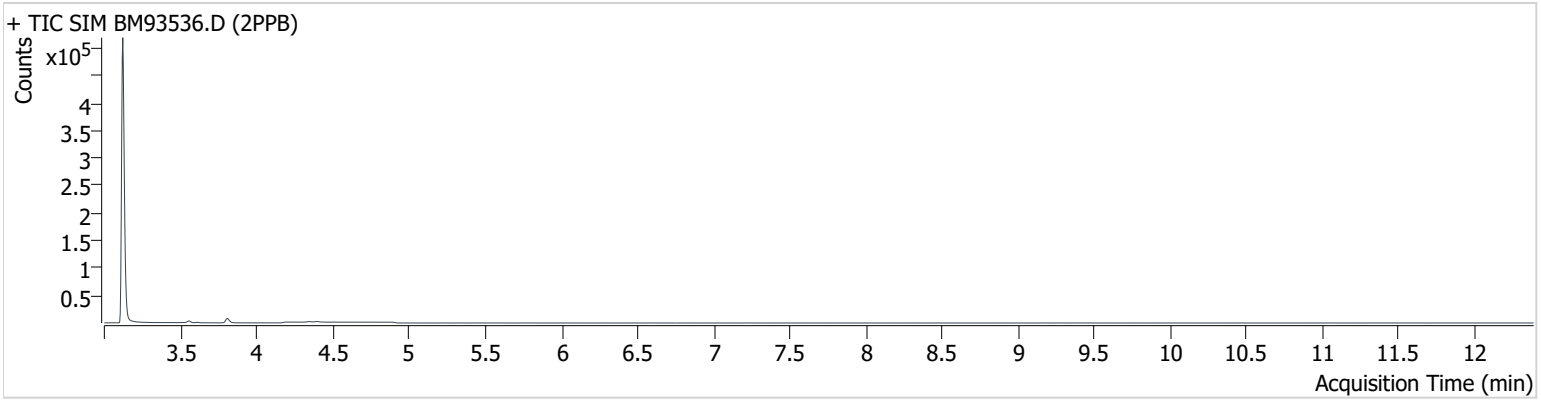
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93536.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-522.batch.bin

BM93536.D

Acq. Date-Time	9/17/2025 11:48:25 AM	**Name**	2PPB
Type	CC	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 10:28:51 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 10:29:34 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	091725-curve.batch.bin
Tune File	bfb.u	**Method Last Update**	9/18/2025 10:11:08 AM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-522.batch.bin	**Comment**	
		Dilution	1

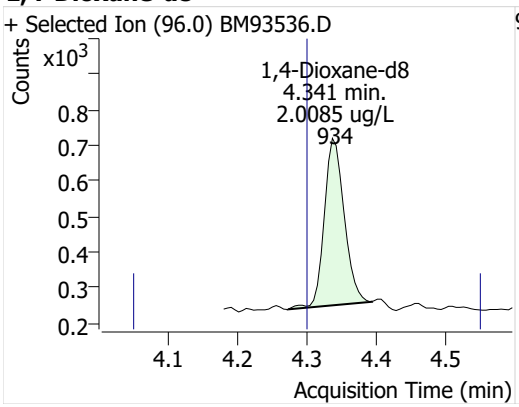


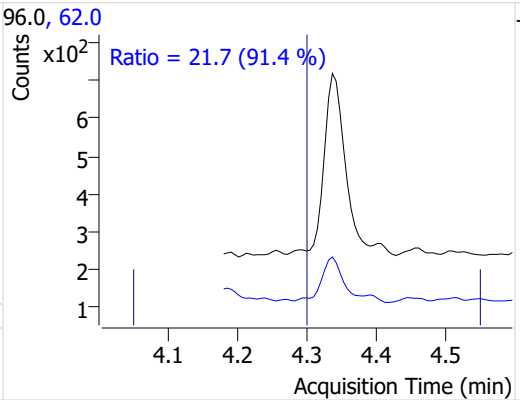
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.114	0.017	299828	100.0000	ug/L

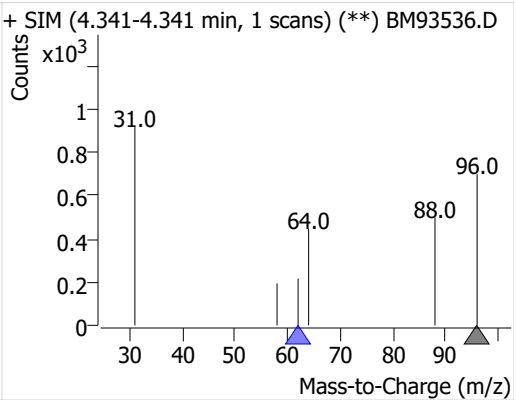
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.394	0.005	4.341	0.039	934	2.0085	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.410	0.004	4.392	0.036	1076	2.1958	ug/L

1,4-Dioxane-d8

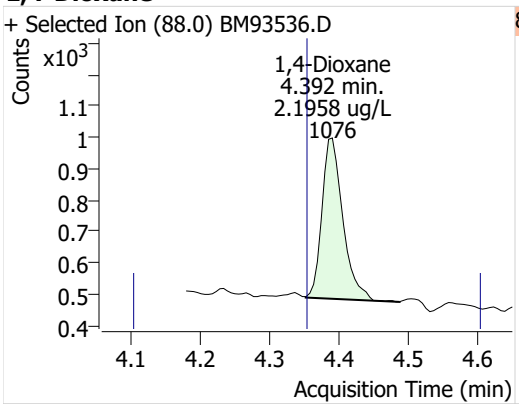


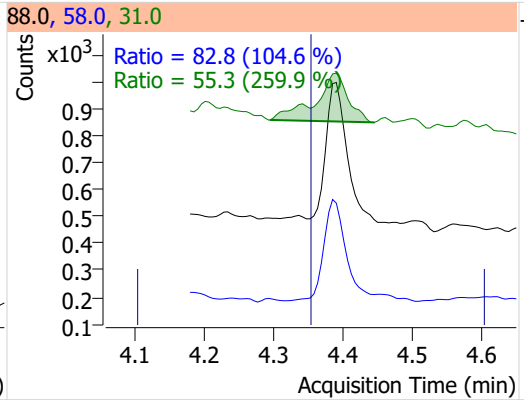


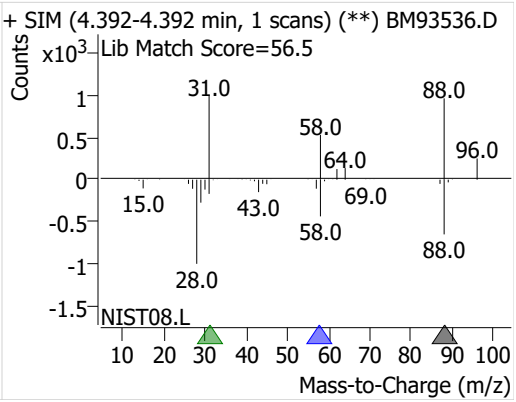


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







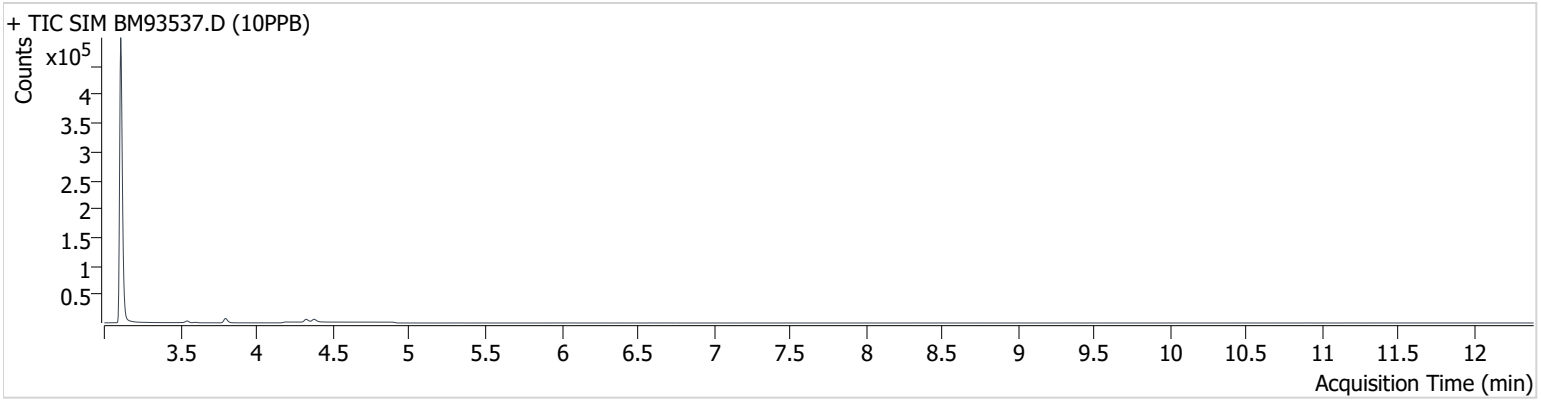
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93537.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93537.D

Acq. Date-Time	9/17/2025 12:04:57 PM	**Name**	10PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1

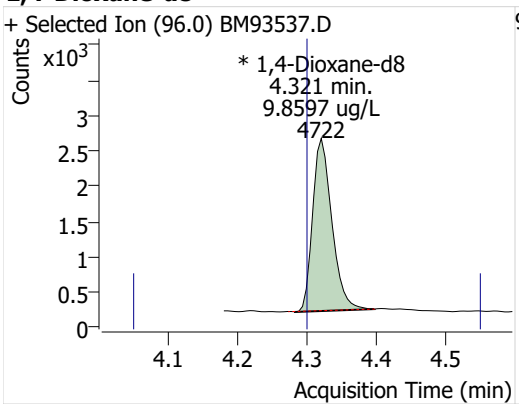


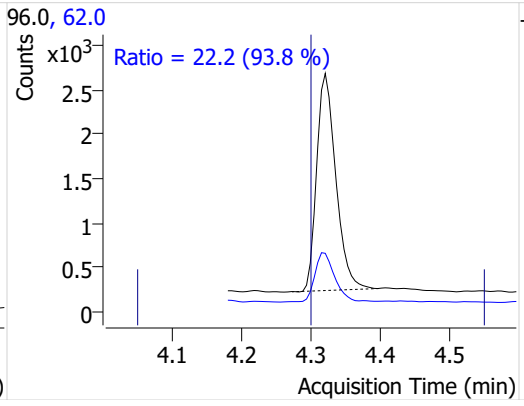
Internal Standards	QIon			RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0			3.101	0.004	289308	100.0000	ug/L

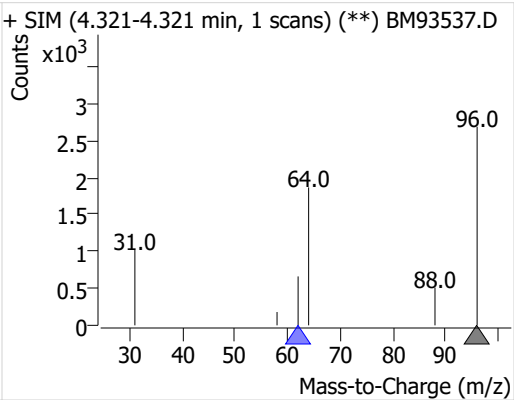
Surrogates	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.394	0.005	4.321	0.020	4722 BA	9.8597	ug/L

Analytes	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.411	0.005	4.376	0.019	5100	10.4815	ug/L

1,4-Dioxane-d8

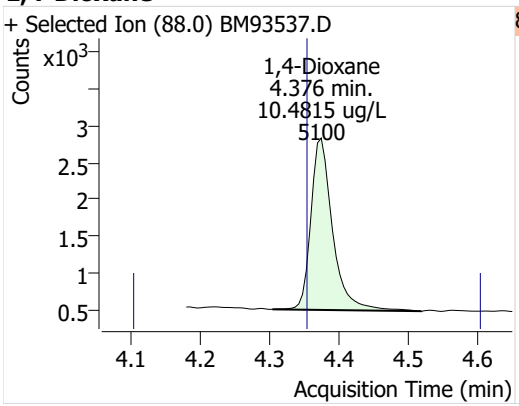


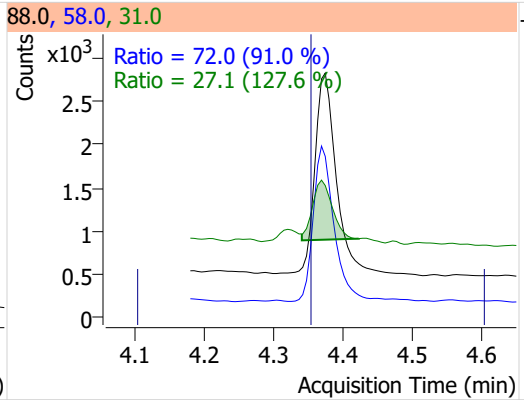


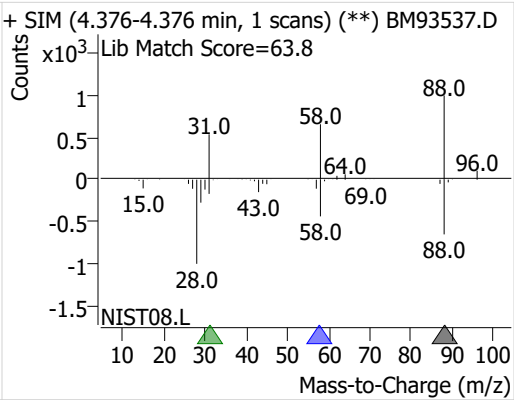


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





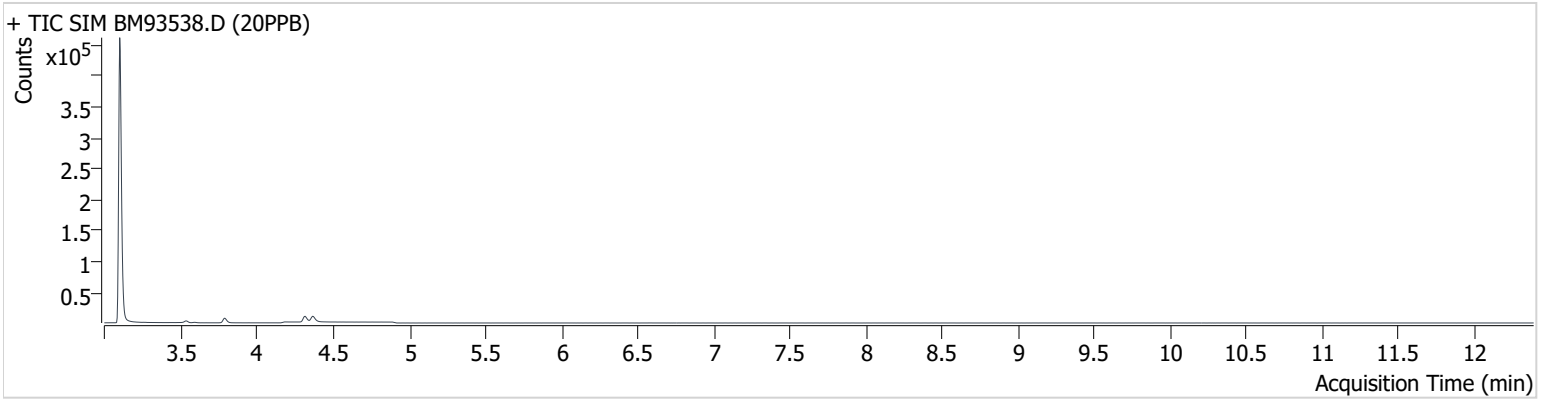


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93538.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93538.D

Acq. Date-Time	9/17/2025 12:21:32 PM	**Name**	20PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.094	0.003	268971	100.0000	ug/L

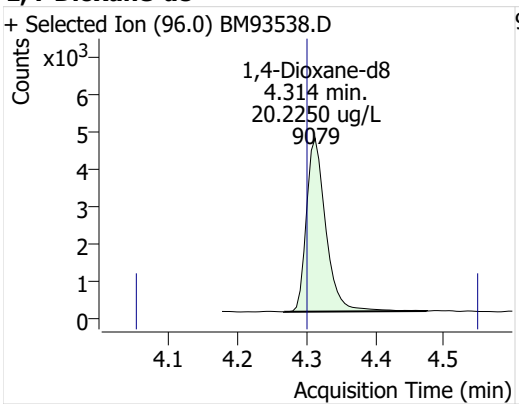
Surrogates

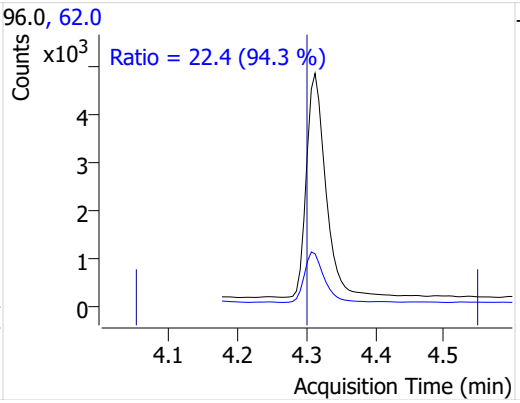
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.394	0.006	4.314	0.012	9079	20.2250	ug/L

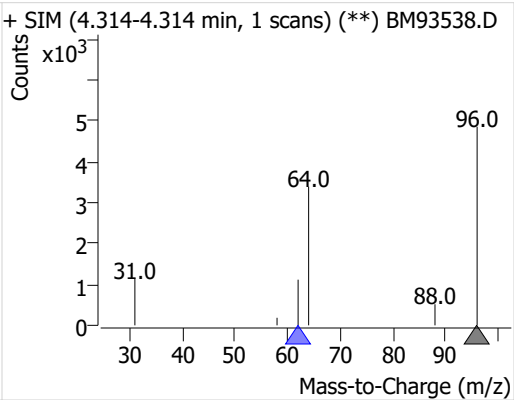
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.411	0.005	4.367	0.010	9073	19.9883	ug/L

1,4-Dioxane-d8

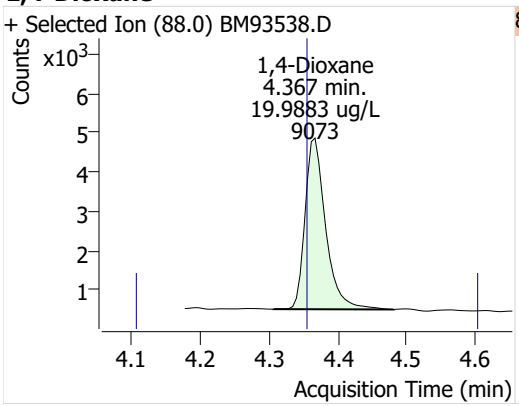


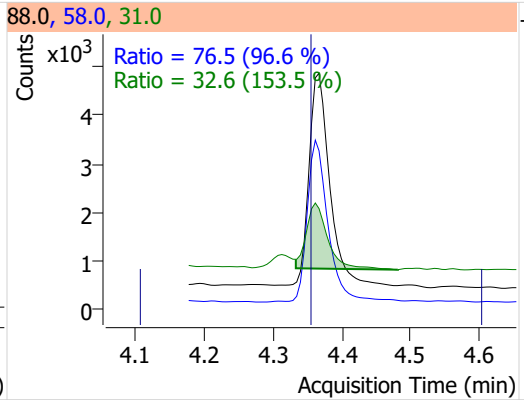


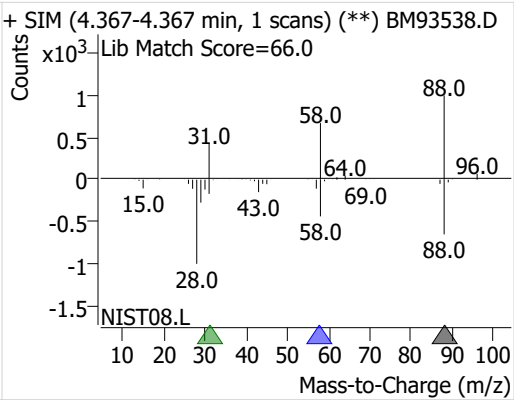


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





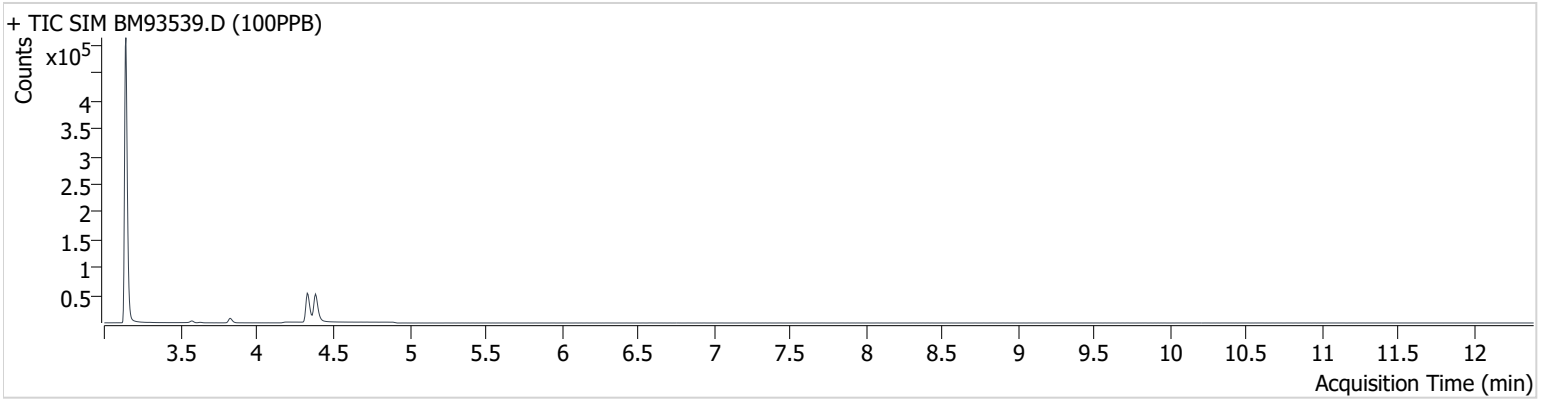


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93539.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93539.D

Acq. Date-Time	9/17/2025 12:38:10 PM	**Name**	100PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.131	0.035	298621	100.0000	ug/L

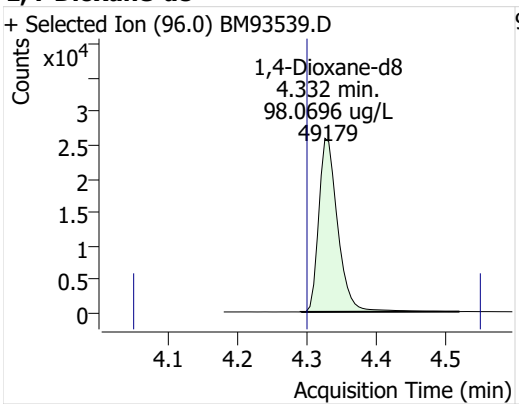
Surrogates

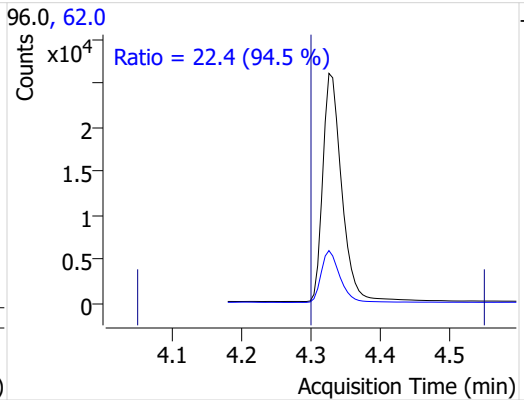
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.383	0.005	4.332	0.029	49179	98.0696	ug/L

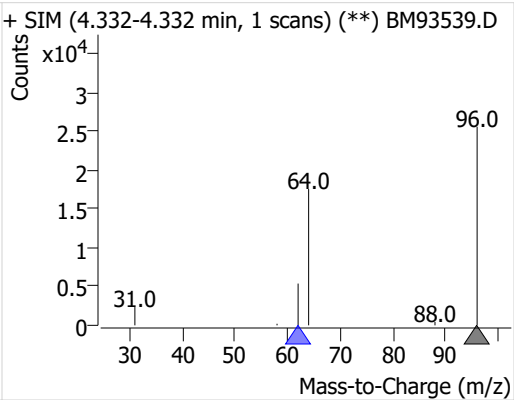
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.400	0.006	4.385	0.028	49351	97.6234	ug/L

1,4-Dioxane-d8

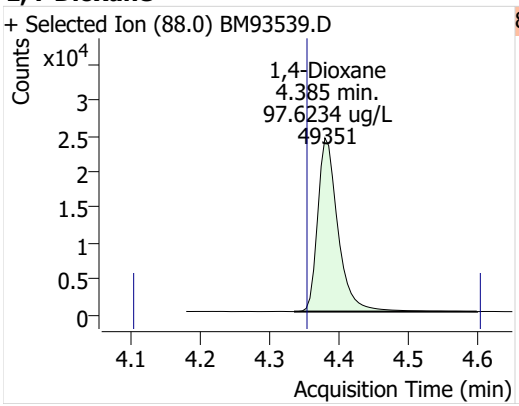


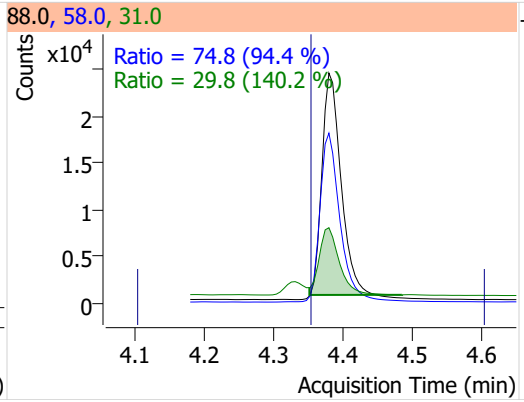


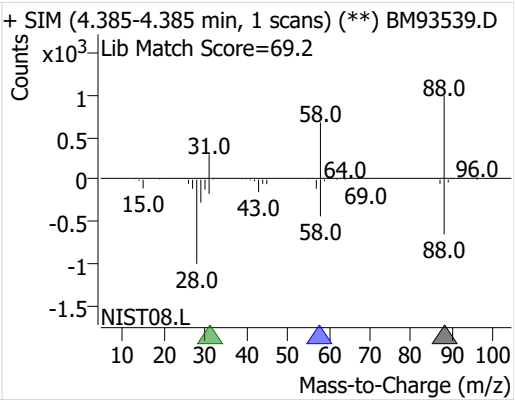


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







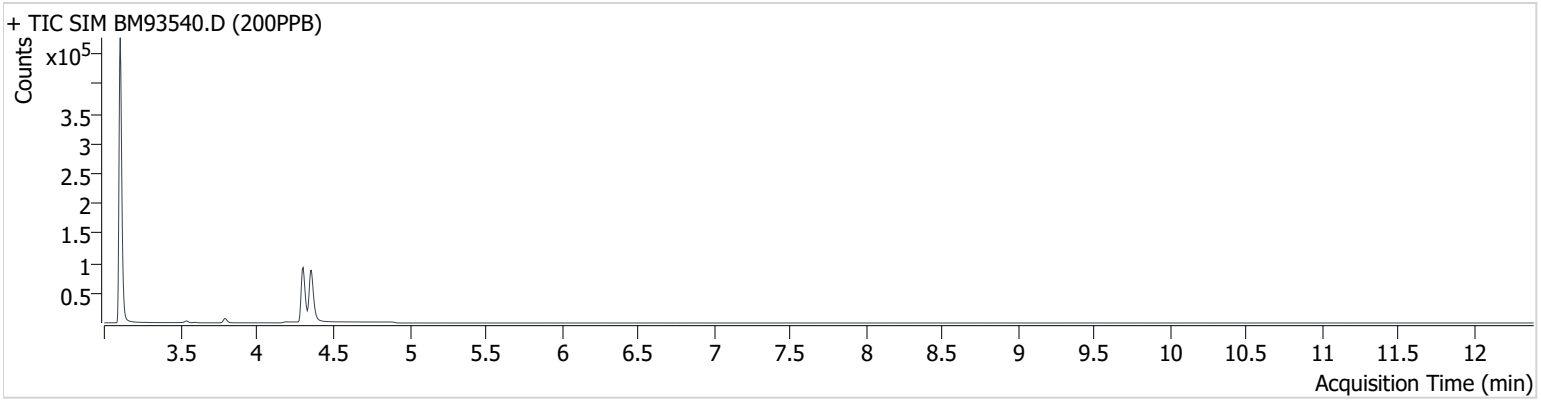
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93540.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93540.D

Acq. Date-Time	9/17/2025 12:54:51 PM	**Name**	200PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.098	0.000	274789	100.0000	ug/L

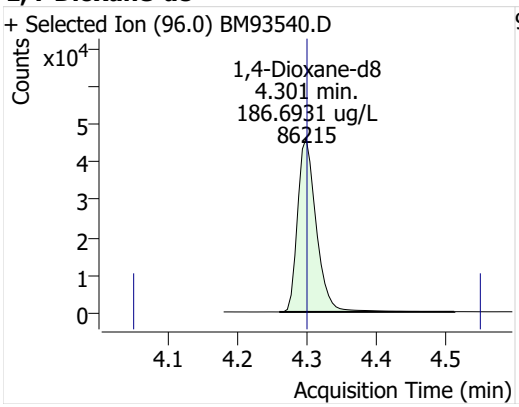
Surrogates

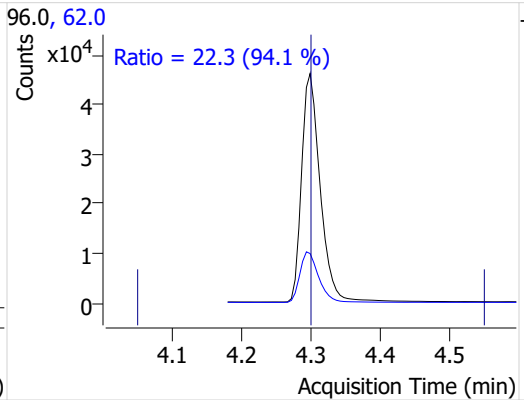
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.388	0.000	4.301	0.001	86215	186.6931	ug/L

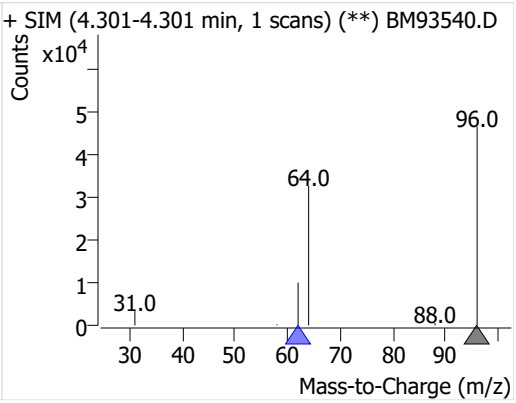
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.406	0.000	4.355	0.002	85690	184.1382	ug/L

1,4-Dioxane-d8

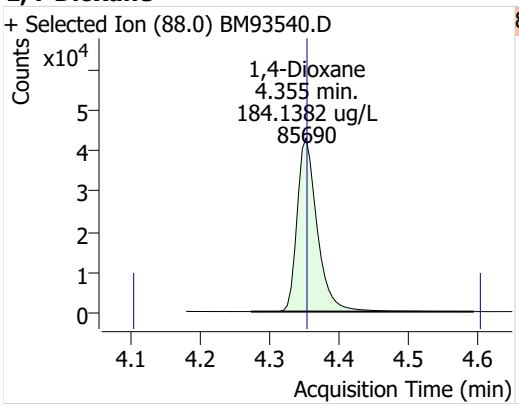


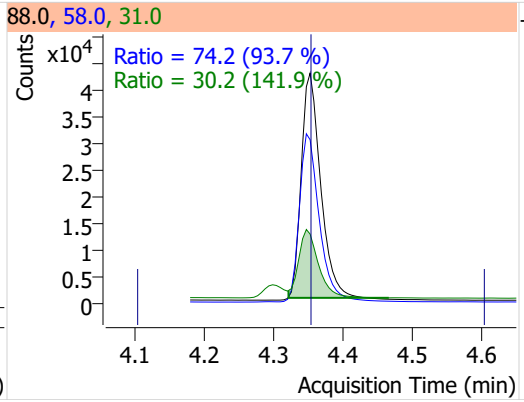


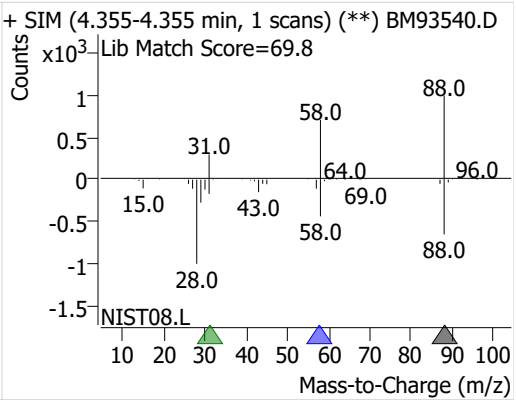


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







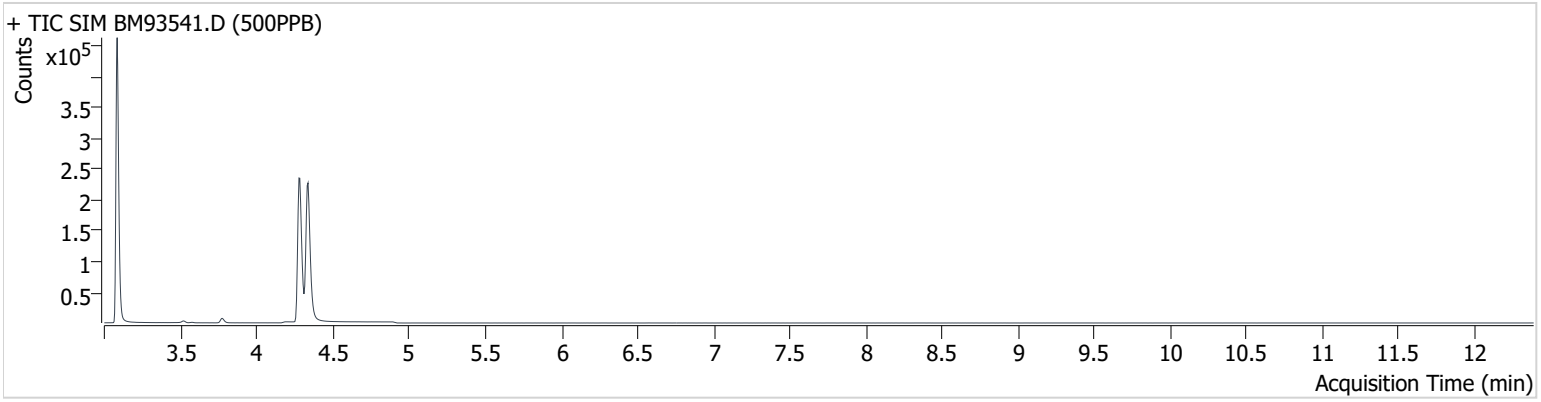
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93541.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93541.D

Acq. Date-Time	9/17/2025 1:11:34 PM	**Name**	500PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.077	0.020	267914	100.0000	ug/L

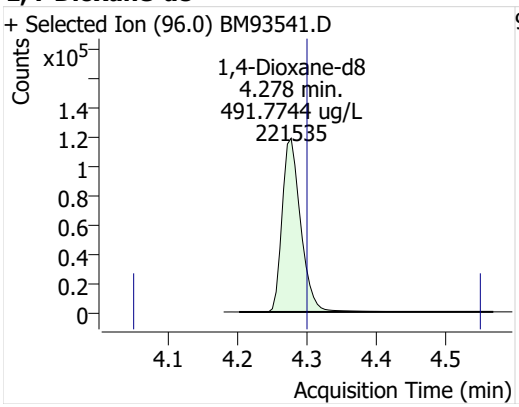
Surrogates

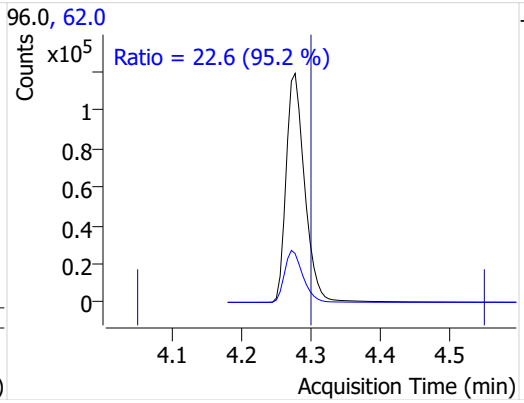
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.390	0.002	4.278	0.024	221535	491.7744	ug/L

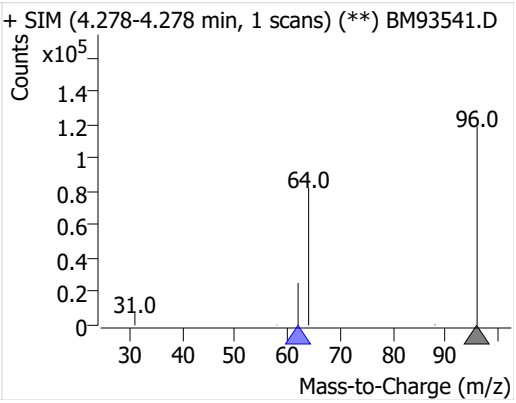
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.408	0.002	4.334	0.023	219804	484.3293	ug/L

1,4-Dioxane-d8

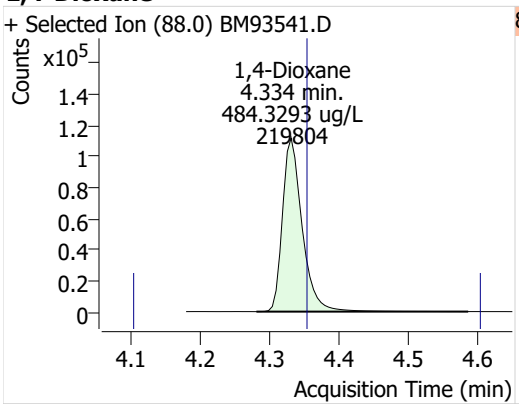


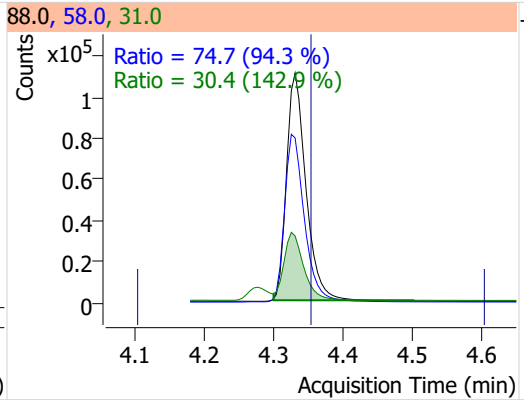


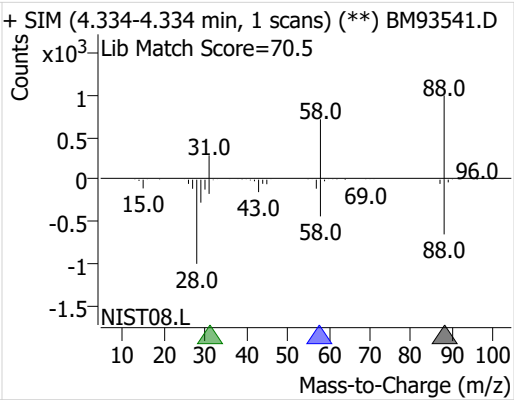


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







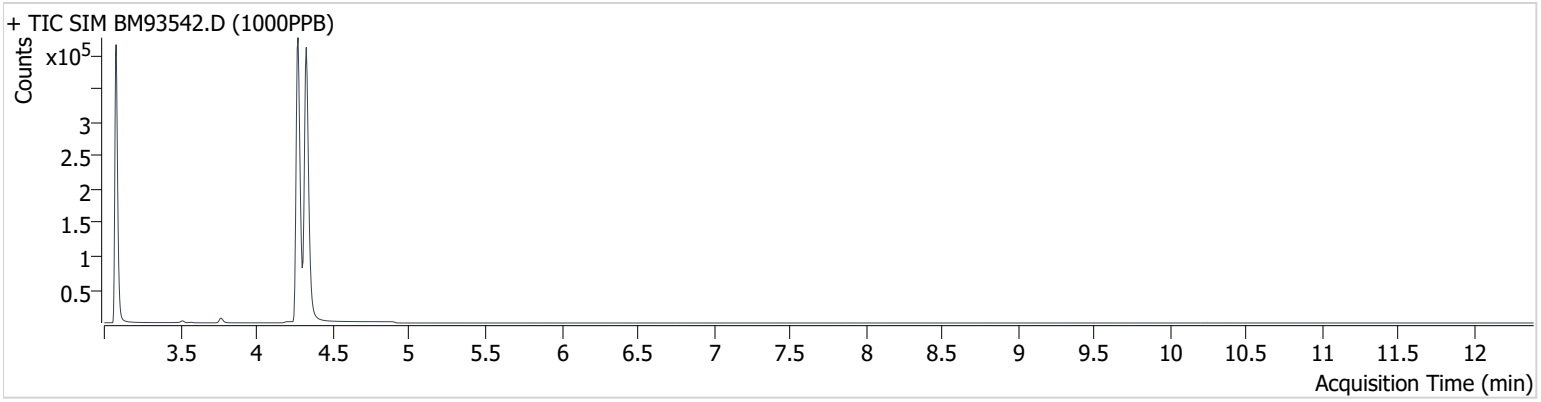
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93542.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93542.D

Acq. Date-Time	9/17/2025 1:28:19 PM	**Name**	1000PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1

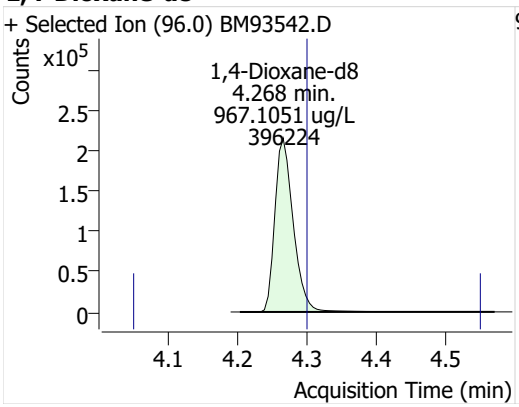


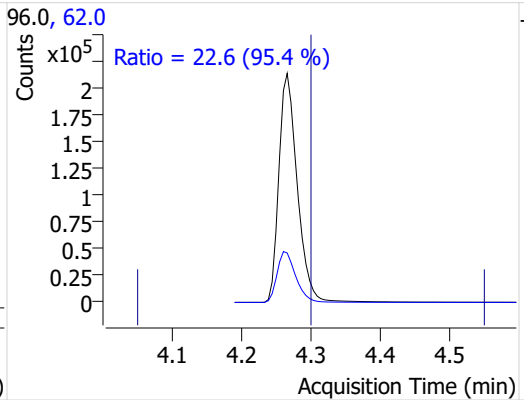
Internal Standards	**QIon**			**RT**	**RT Dif.**	**Area**	**Conc.**	**Units**
Tetrahydrofuran-d8	46.0			3.071	0.027	243623	100.0000	ug/L

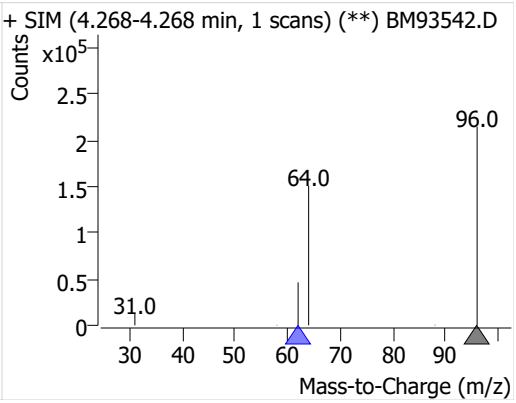
Surrogates	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane-d8	96.0	1.390	0.001	4.268	0.034	396224	967.1051	ug/L

Analytes	**QIon**	**RRT**	**RRT Dif.**	**RT**	**RT Dif.**	**Area**	**Final Conc.**	**Units**
1,4-Dioxane	88.000	1.408	0.002	4.324	0.033	392583	951.2186	ug/L

1,4-Dioxane-d8

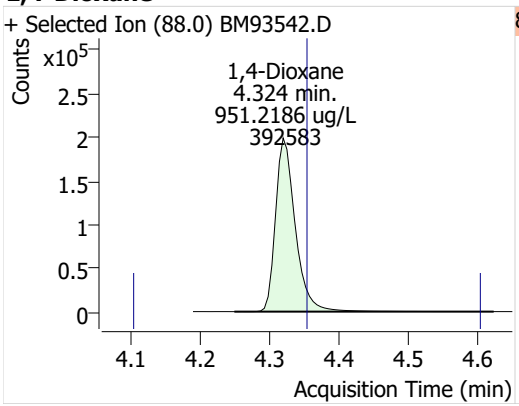


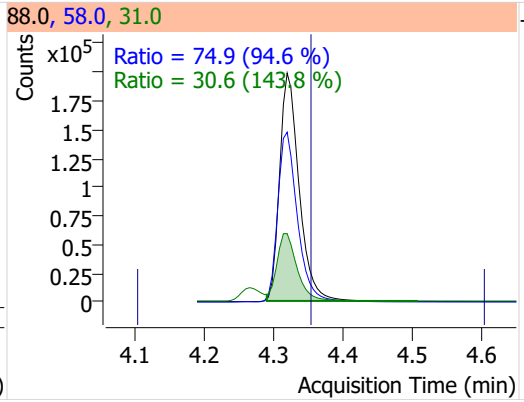


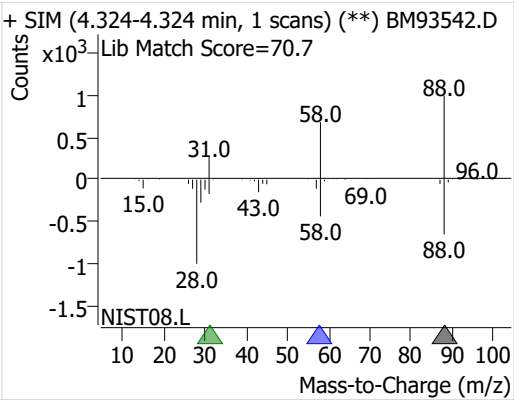


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







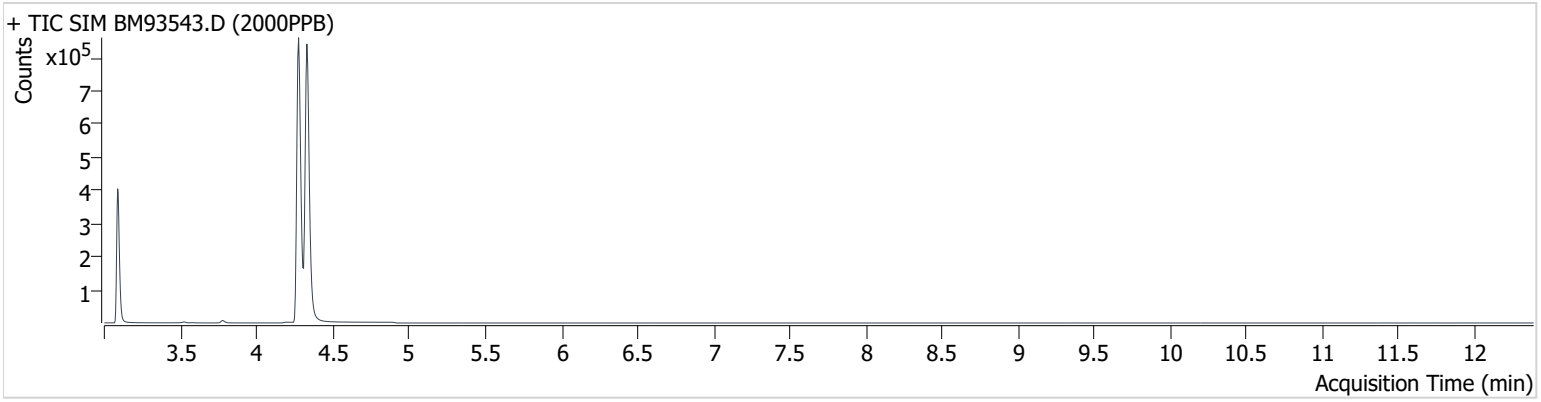
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93543.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93543.D

Acq. Date-Time	9/17/2025 1:45:03 PM	**Name**	2000PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.081	0.017	236473	100.0000	ug/L

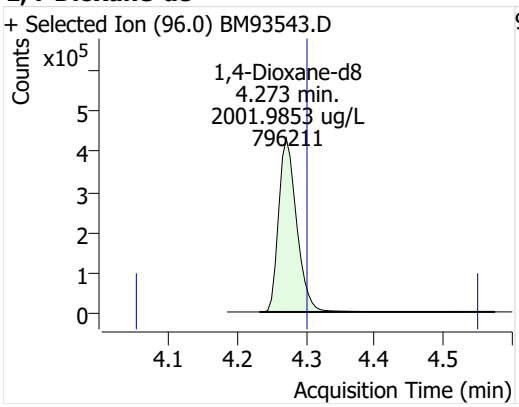
Surrogates

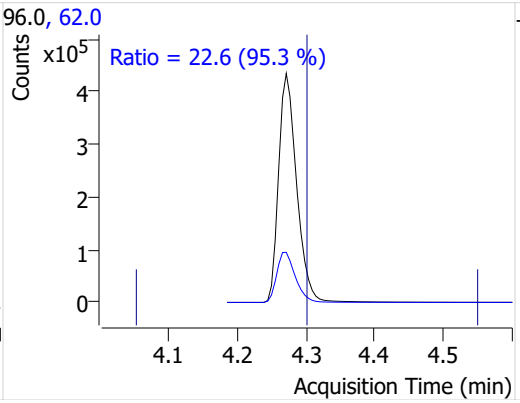
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.387	0.002	4.273	0.029	796211	2001.9853	ug/L

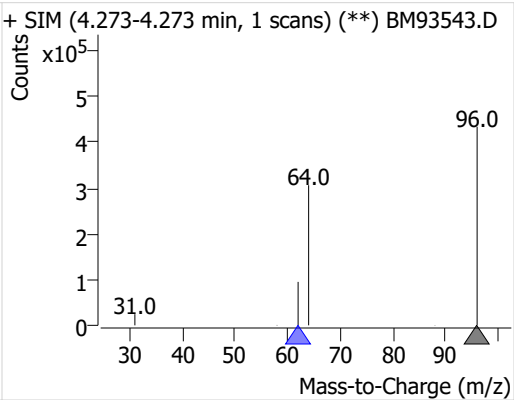
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.405	0.001	4.329	0.028	793161	1979.8254	ug/L

1,4-Dioxane-d8

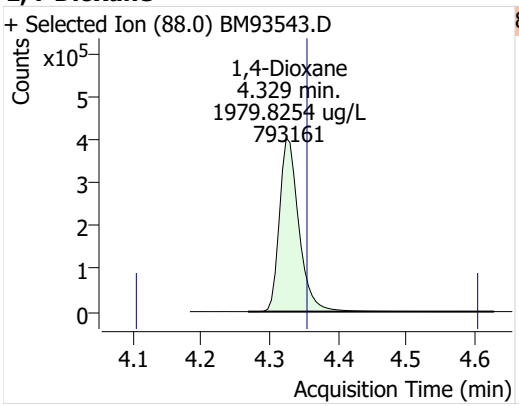


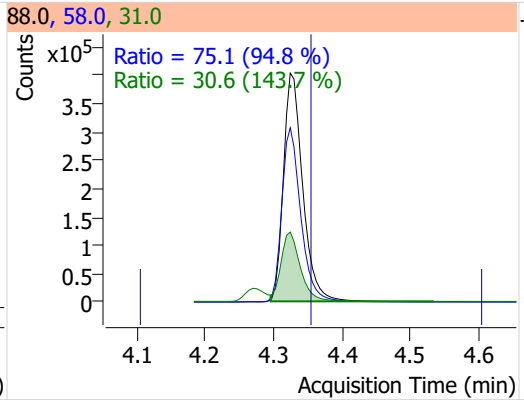


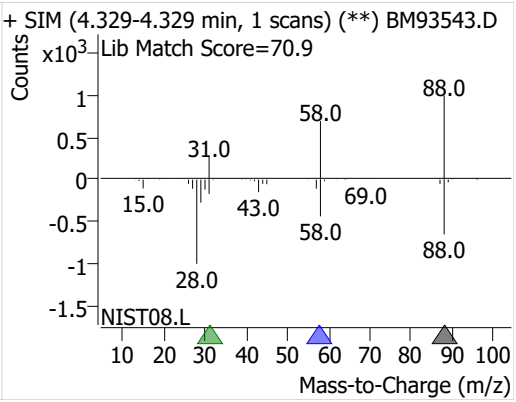


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane





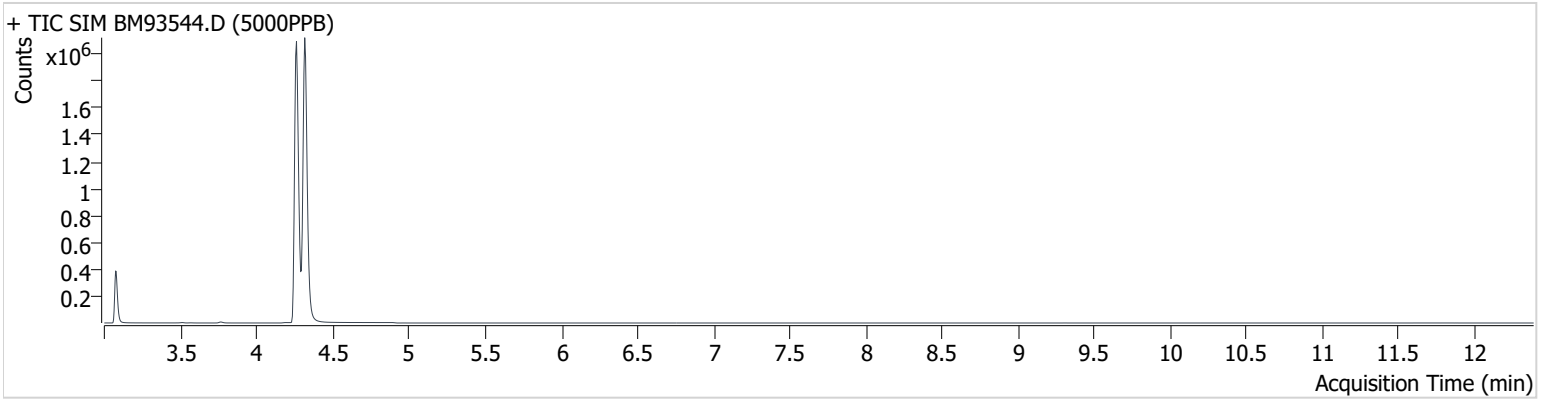


Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93544.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93544.D

Acq. Date-Time	9/17/2025 2:01:49 PM	**Name**	5000PPB
Type	Cal	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.067	0.029	229156	100.0000	ug/L

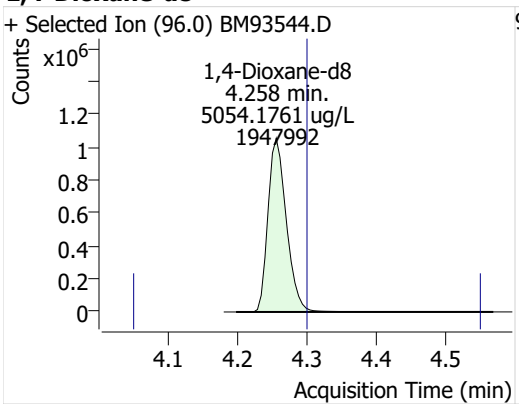
Surrogates

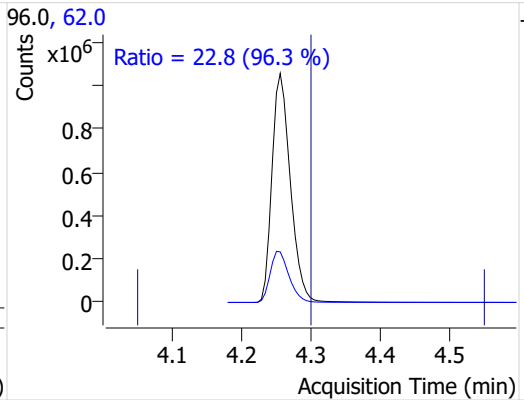
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.388	0.000	4.258	0.044	1947992	5054.1761	ug/L

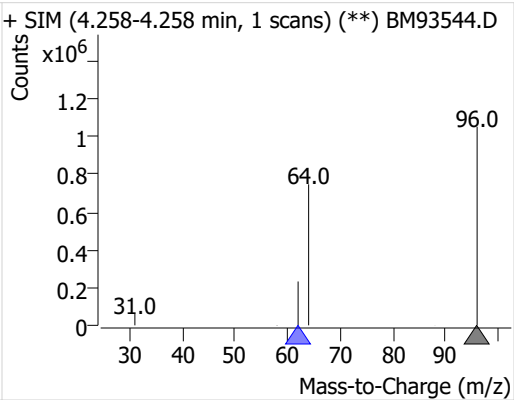
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.407	0.001	4.315	0.042	1980838	5102.1722	ug/L

1,4-Dioxane-d8

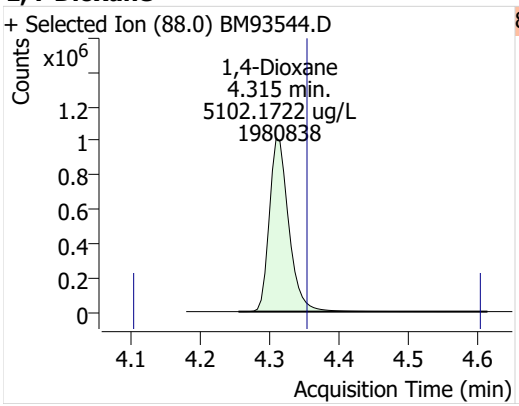


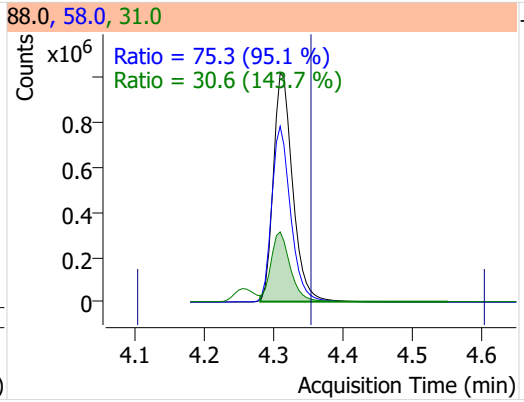


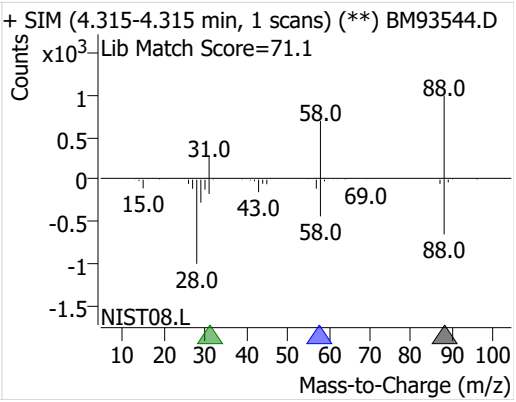


Masshunter Quantitative Analysis Sample Report

1,4-Dioxane







Continuing Calibration Report

1st 09/18/25
2nd 09/19/25

Batch Name I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin
Method File
Daily CC I:\ACQUDATA\5975E\data\091725\BM93545.D

Level name	Injection Time	Calibration Files
5000	9/17/2025 2:01:49 PM	I:\ACQUDATA\5975E\data\091725\BM93544.D
2000	9/17/2025 1:45:03 PM	I:\ACQUDATA\5975E\data\091725\BM93543.D
1000	9/17/2025 1:28:19 PM	I:\ACQUDATA\5975E\data\091725\BM93542.D
500	9/17/2025 1:11:34 PM	I:\ACQUDATA\5975E\data\091725\BM93541.D
200	9/17/2025 12:54:51 PM	I:\ACQUDATA\5975E\data\091725\BM93540.D
100	9/17/2025 12:38:10 PM	I:\ACQUDATA\5975E\data\091725\BM93539.D
20	9/17/2025 12:21:32 PM	I:\ACQUDATA\5975E\data\091725\BM93538.D
10	9/17/2025 12:04:57 PM	I:\ACQUDATA\5975E\data\091725\BM93537.D
2	9/17/2025 11:48:25 AM	I:\ACQUDATA\5975E\data\091725\BM93536.D
1	9/17/2025 11:31:59 AM	I:\ACQUDATA\5975E\data\091725\BM93535.D
200	9/17/2025 2:18:48 PM	I:\ACQUDATA\5975E\data\091725\BM93545.D

ISTD Compound:	Avg Resp	Mid Resp	CC Resp	Area%	A/M
Tetrahydrofuran-d8	272046	274789	242329	88.19	M

Target Compound	Resolution	AvgRF/R2	CC RF	Exp. Conc	Calc. Conc	%Dev	Area%	Curve Fit
Tetrahydrofuran-d8	----------ISTD----------							
1,4-Dioxane-d8	-	0.9997	0.0000	200.00		100.00 #	0.00	Linear
1,4-Dioxane	-	0.9993	0.1985	200.00	234.44	-17.22	112.29	Linear

ICV (30%) Compounds Passing: 50% (1 of 2)
CC (20%) Compounds Passing: 50% (1 of 2)

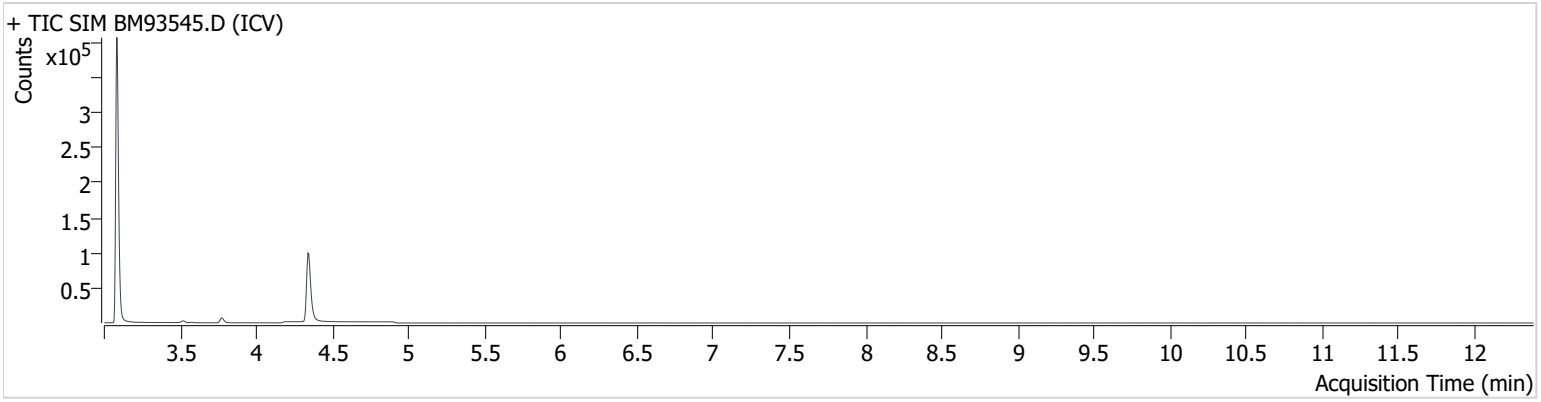
1st 09/18/25
2nd 09/19/25

Masshunter Quantitative Analysis Sample Report

Data Path: I:\ACQUDATA\5975E\data\091725\BM93545.D
Batch Path: I:\ACQUDATA\5975E\data\091725\QuantResults\091725-curve.batch.bin

BM93545.D

Acq. Date-Time	9/17/2025 2:18:48 PM	**Name**	ICV
Type	CC	**Acq. Method File**	ISODIOXANE
Instrument Type	SingleQuadrupole	**Analyst Name**	KProcopio
Analysis Time Stamp	9/18/2025 9:43:38 AM	**Batch State**	Processed
Report Generation Time	9/18/2025 9:44:06 AM	**Sample Reviewed**	True
Calibration Last Update	9/17/2025 6:14:11 PM	**Method**	
Tune File	bfb.u	**Method Last Update**	9/17/2025 1:59:46 PM
Tune Last Update	9/17/2025 8:28:07 AM	**Instrument Name**	MS-56 (5975E)
Batch Name	091725-curve.batch.bin	**Comment**	
		Dilution	1



Internal Standards

	QIon	RT	RT Dif.	Area	Conc.	Units
Tetrahydrofuran-d8	46.0	3.074	0.022	242329	100.0000	ug/L

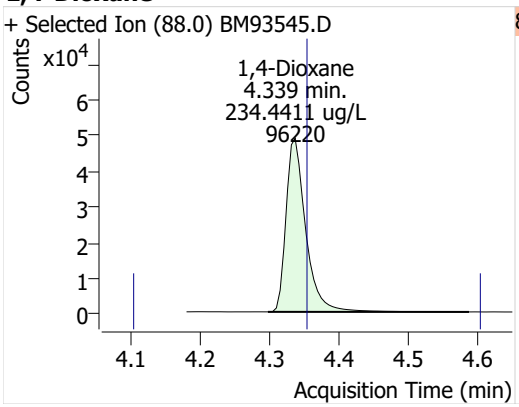
Surrogates

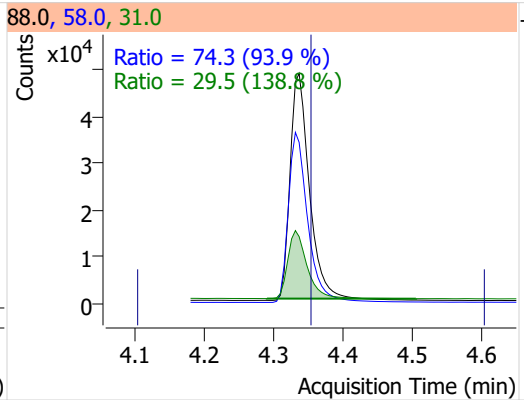
	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane-d8	96.0	1.400	0.012	4.305	0.004	0 WP	0.0000	ug/L

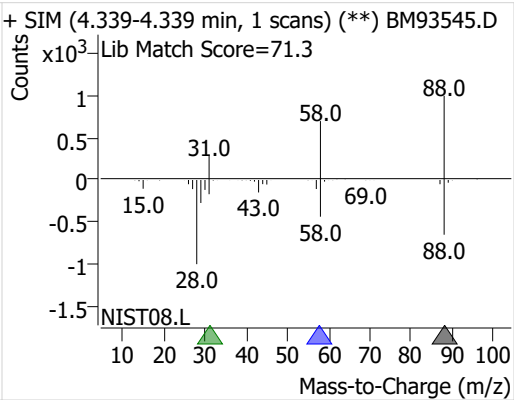
Analytes

	QIon	RRT	RRT Dif.	RT	RT Dif.	Area	Final Conc.	Units
1,4-Dioxane	88.000	1.411	0.005	4.339	0.018	96220	234.4411	ug/L

1,4-Dioxane







ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/17/2025

Initial Calibration Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500197 **Signal ID:** 1
Instrument ID: R-MS-56

#	Lab Code	Sample Name	File Location	Acquisition Date
01	RC2500197-01	1PPB	I:\ACQUDATA\5975E\data\091725\BM93535.D	09/17/2025 11:31
02	RC2500197-02	2PPB	I:\ACQUDATA\5975E\data\091725\BM93536.D	09/17/2025 11:48
03	RC2500197-03	10PPB	I:\ACQUDATA\5975E\data\091725\BM93537.D	09/17/2025 12:04
04	RC2500197-04	20PPB	I:\ACQUDATA\5975E\data\091725\BM93538.D	09/17/2025 12:21
05	RC2500197-05	100PPB	I:\ACQUDATA\5975E\data\091725\BM93539.D	09/17/2025 12:38
06	RC2500197-06	200PPB	I:\ACQUDATA\5975E\data\091725\BM93540.D	09/17/2025 12:54
07	RC2500197-07	500PPB	I:\ACQUDATA\5975E\data\091725\BM93541.D	09/17/2025 13:11
08	RC2500197-08	1000PPB	I:\ACQUDATA\5975E\data\091725\BM93542.D	09/17/2025 13:28
09	RC2500197-09	2000PPB	I:\ACQUDATA\5975E\data\091725\BM93543.D	09/17/2025 13:45
10	RC2500197-10	5000PPB	I:\ACQUDATA\5975E\data\091725\BM93544.D	09/17/2025 14:01

Analyte

1,4-Dioxane

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	1	0.161	02	2	0.1795	03	10	0.1763	04	20	0.1687
05	100	0.1653	06	200	0.1559	07	500	0.1641	08	1000	0.1611
09	2000	0.1677	10	5000	0.1729						

1,4-Dioxane-d8

#	Amount	RF	#	Amount	RF	#	Amount	RF	#	Amount	RF
01	1	0.1656	02	2	0.1527	03	10	0.1632	04	20	0.1688
05	100	0.1647	06	200	0.1569	07	500	0.1654	08	1000	0.1626
09	2000	0.1684	10	5000	0.17						

Client: Verina Consulting Group, LLC
Project: Dover Binghamton

Service Request: R2511791
Calibration Date: 9/17/2025

Initial Calibration Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500197
Instrument ID: R-MS-56

Signal ID: 1

		Calibration Evaluation				Calibration Evaluation	
Analyte Name	Compound Type	Fit Type	Eval	Eval Result	Control Criteria	Average RRF	Minimum RRF
1,4-Dioxane	TRG	Linear	R2	0.9993	≥0.99	0.1672	
1,4-Dioxane-d8	SURR	Linear	R2	0.9997	≥0.99	0.1638	

Client: Verina Consulting Group, LLC **Service Request:** R2511791
Project: Dover Binghamton **Calibration Date:** 9/17/2025

Initial Calibration Verification Summary
1,4-Dioxane by GC/MS

Calibration ID: RC2500197 **Signal ID:** 1
Instrument ID: R-MS-56

#	Lab Code	Sample Name	File Location	Acquisition Date
11	RC2500197-11	ICV	I:\ACQUDATA\5975E\data\091725\BM93545.D	09/17/2025 14:18

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,4-Dioxane	200	234	1.672E-1	1.985E-1	17.22	±30	Linear

Analyte Name	Expected	Result	Average RF	SSV RF	% D	Criteria	Curve Fit
1,4-Dioxane-d8	200	0.00	1.638E-1	0.0000		±20	Linear

Client:	Verina Consulting Group, LLC	**Service Request:**	R2511791
Project:	Dover Binghamton/5101.0003	**Date Analyzed:**	09/24/25 18:03

Continuing Calibration Verification (CCV) Summary
1,4-Dioxane by GC/MS

Analysis Method:	8270E SIM	**Calibration Date:**	9/17/2025
File ID:	I:\ACQUDATA\5975E\data\092425\BM93636.D	**Calibration ID:**	RC2500197
Signal ID:	1	**Analysis Lot:**	894751
		Units:	ug/L

Analyte Name	Expected	Result	Average RF	CCV RF	Rec.	% Drift	Criteria	Curve Fit
1,4-Dioxane	100	108	0.1672	0.9119	108	7.7	±20	Linear

Analyte Name	Expected	Result	Average RF	CCV RF	Rec.	% Drift	Criteria	Curve Fit
1,4-Dioxane-d8	100	111	0.1638	0.9299	111	10.7	±20	Linear

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003

Analysis Run Log
1,4-Dioxane by GC/MS

Analysis Method: 8270E SIM **Analysis Lot:**894751
Instrument ID:R-MS-56

Raw Data File	Sample Name	Lab Code	Date Analyzed	Time Analyzed	Q
I:\ACQUDATA\5975E\data\092425\BM93636.D	Continuing Calibration Verification	RQ2513368-01	9/24/2025	18:03	
I:\ACQUDATA\5975E\data\092425\BM93637.D	Method Blank	RQ2513196-01	9/24/2025	18:21	
I:\ACQUDATA\5975E\data\092425\BM93638.D	Lab Control Sample	RQ2513196-02	9/24/2025	18:38	
I:\ACQUDATA\5975E\data\092425\BM93639.D	Duplicate Lab Control Sample	RQ2513196-03	9/24/2025	18:55	
I:\ACQUDATA\5975E\data\092425\BM93640.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	19:12	
I:\ACQUDATA\5975E\data\092425\BM93641.D	MW-17-091725	R2511791-001	9/24/2025	19:29	
I:\ACQUDATA\5975E\data\092425\BM93642.D	MW-16-091725	R2511791-002	9/24/2025	19:45	
I:\ACQUDATA\5975E\data\092425\BM93643.D	MW-10-091725	R2511791-003	9/24/2025	20:02	
I:\ACQUDATA\5975E\data\092425\BM93644.D	MW-8-091725	R2511791-004	9/24/2025	20:19	
I:\ACQUDATA\5975E\data\092425\BM93645.D	FB-091725	R2511791-005	9/24/2025	20:36	
I:\ACQUDATA\5975E\data\092425\BM93646.D	DUP-091725	R2511791-007	9/24/2025	20:52	
I:\ACQUDATA\5975E\data\092425\BM93647.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:09	
I:\ACQUDATA\5975E\data\092425\BM93648.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:26	
I:\ACQUDATA\5975E\data\092425\BM93649.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:43	
I:\ACQUDATA\5975E\data\092425\BM93650.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	21:59	
I:\ACQUDATA\5975E\data\092425\BM93651.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	22:16	
I:\ACQUDATA\5975E\data\092425\BM93652.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	22:33	
I:\ACQUDATA\5975E\data\092425\BM93653.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	22:49	
I:\ACQUDATA\5975E\data\092425\BM93654.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	23:06	
I:\ACQUDATA\5975E\data\092425\BM93655.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	23:22	
I:\ACQUDATA\5975E\data\092425\BM93656.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	23:39	
I:\ACQUDATA\5975E\data\092425\BM93657.D	ZZZZZZZ	ZZZZZZZ	9/24/2025	23:56	

Sequence Table

Batch Data Path File Name	I:\ACQUDATA\5975E\data\092425\QuantResults\092425-70.batch.bin		
Analysis Time Stamp	9/26/2025 9:39:18 AM	**Analyst Name**	KProcopio
Report Generation Time	9/26/2025 9:39:46 AM	**Report Generator Name**	KProcopio
Calibration Last Updated Time Stamp	9/17/2025 6:14:11 PM	**Batch State**	Processed
Analyze Quant Version	12.1Update 3	**Report Quant Version**	12.1

Instrument Name	Acq. Date-Time	Type	Dil.	Vial	Name	Data File	Level	Info.	Sample Group	Acq. Method File	Comment
MS-56 (5975E)	9/24/2025 6:03 PM	CC	1	10	100PPB CCV	BM93636.D	100		SVOC	ISODIOXANE	244080
MS-56 (5975E)	9/24/2025 6:21 PM	Sample	1	11	RQ2513196-01	BM93637.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 6:38 PM	Sample	1	12	RQ2513196-02	BM93638.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 6:55 PM	Sample	1	13	RQ2513196-03	BM93639.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 7:12 PM	Sample	1	14	R2511736-001	BM93640.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 7:29 PM	Sample	1	15	R2511791-001	BM93641.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 7:45 PM	Sample	1	16	R2511791-002	BM93642.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 8:02 PM	Sample	1	17	R2511791-003	BM93643.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 8:19 PM	Sample	1	18	R2511791-004	BM93644.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 8:36 PM	Sample	1	19	R2511791-005	BM93645.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 8:52 PM	Sample	1	20	R2511791-007	BM93646.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 9:09 PM	Sample	1	21	R2511838-010	BM93647.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 9:26 PM	Sample	1	22	R2511838-011	BM93648.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 9:43 PM	Sample	1	23	R2511838-013	BM93649.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 9:59 PM	Sample	1	24	RQ2513196-04	BM93650.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 10:16 PM	Sample	1	25	RQ2513196-05	BM93651.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 10:33 PM	Sample	1	26	R2511839-004	BM93652.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 10:49 PM	Sample	1	27	R2511917-001	BM93653.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 11:06 PM	Sample	1	28	R2511917-002	BM93654.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 11:22 PM	Sample	1	29	R2511917-003	BM93655.D			SVOC	ISODIOXANE	464765

Sequence Table

Instrument Name	Acq. Date-Time	Type	Dil.	Vial	Name	Data File	Level	Info.	Sample Group	Acq. Method File	Comment
MS-56 (5975E)	9/24/2025 11:39 PM	Sample	1	30	R2511943-001	BM93656.D			SVOC	ISODIOXANE	464765
MS-56 (5975E)	9/24/2025 11:56 PM	Sample	10	31	R2511795-004 10	BM93657.D			SVOC	ISODIOXANE	

Calibration Batch: 9/17/25
RC2500197
LIMS Run: 894751
DCM: 234765

Prep Summary Report

Client: Verina Consulting Group, LLC **Service Request:**R2511791
Project: Dover Binghamton/5101.0003
Sample Matrix: Water

1,4-Dioxane by GC/MS

Prep Method: EPA 3535A **Extraction Lot:** 464765
Analytical Method: 8270E SIM **Extraction Date:** 09/24/25 09:31

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
MW-17-091725	R2511791-001	9/17/25	9/18/25	10.0000 mL	2 mL	
MW-16-091725	R2511791-002	9/17/25	9/18/25	10.0000 mL	2 mL	
MW-10-091725	R2511791-003	9/17/25	9/18/25	100 mL	2 mL	
MW-8-091725	R2511791-004	9/17/25	9/18/25	50.0000 mL	2 mL	
FB-091725	R2511791-005	9/17/25	9/18/25	100 mL	2 mL	
DUP-091725	R2511791-007	9/17/25	9/18/25	50.0000 mL	2 mL	
Method Blank	RQ2513196-01MB	NA	NA	100 mL	2 mL	
Lab Control Sample	RQ2513196-02LCS	NA	NA	100 mL	2 mL	
Duplicate Lab Control Sample	RQ2513196-03DLCS	NA	NA	100 mL	2 mL	

Preparation Information Benchsheet

Prep Run#: 464765
Team: Semivoa GCMS/KPROCOPIO

Prep WorkFlow: OrgExtSPEaq(7)
Prep Method: EPA 3535A

Status: Prepped
Prep Date/Time: 9/24/25 09:31

#	Lab Code	Client ID	B#	Amt. Ext.	Method /Test	pH	AE	BN	Final Vol	Sample Desc. (Initial/Final)	SpikeAmt./Inv. ID	Comments
1	RQ2513196-01	MB		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639	
2	RQ2513196-02	LCS		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639; 200.0000 uL/242602	
3	RQ2513196-03	DLCS		100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242602; 10.0000 uL/243639; 200.0000 uL/242599	
4	R2511736-001	MW-22CR	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	slighlty cloudy, colorless	200.0000 uL/242599; 10.0000 uL/243639	
5	R2511791-001	MW-17-091725	.04	10mL	8270E SIM/1,4-Dioxane	~3	<4		2.00mL	dark fuscia, opaque, viscous	200.0000 uL/242599; 10.0000 uL/243639	hard to tell pH due to sample matrix
6	R2511791-002	MW-16-091725	.04	10mL	8270E SIM/1,4-Dioxane	~3	<4		2.00mL	dark fuscia, opaque, viscous	200.0000 uL/242599; 10.0000 uL/243639	hard to tell pH due to sample matrix
7	R2511791-003	MW-10-091725	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639	
8	R2511791-004	MW-8-091725	.04	50mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	fuscia, clear	10.0000 uL/243639; 200.0000 uL/242599	
9	R2511791-005	FB-091725	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639	
10	R2511791-007	DUP-091725	.04	50mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	fuscia, clear	10.0000 uL/243639; 200.0000 uL/242599	
11	R2511838-010	25S0339	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/242599; 10.0000 uL/243639	
12	R2511838-011	25S0341	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639	
13	R2511838-013	25S0338-25S0340	.03	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/242599; 10.0000 uL/243639	
14	RQ2513196-04	R2511838-013 MS	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/242599; 200.0000 uL/242602; 10.0000 uL/243639	
15	RQ2513196-05	R2511838-013 DMS	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	10.0000 uL/243639; 200.0000 uL/242599; 200.0000 uL/242602	
16	R2511839-004	25L0598	.04	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	200.0000 uL/242599; 10.0000 uL/243639	
17	R2511917-001	GW9R-091725-1010	.12	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	colorless, clear	10.0000 uL/243639; 200.0000 uL/242599	
18	R2511917-002	GW4R-091725-1240	.12	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, slightly cloudy	200.0000 uL/242599; 10.0000 uL/243639	
19	R2511917-003	GW5R-091725-1520	.12	50mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	orange tint, cloudy	200.0000 uL/242599; 10.0000 uL/243639	
20	R2511943-001	25L0588	.03	100mL	8270E SIM/1,4-Dioxane	7	<4		2.00mL	yellow tint, clear	200.0000 uL/242599; 10.0000 uL/243639	

Spiking Solutions

Name:	1,4-Dioxane-d8 1ppm IDMS Internal	Inventory ID	242599	Logbook Ref:	Expires On: 12/27/2025
Name:	EPA 522 LCS Spike 5ppm	Inventory ID	242602	Logbook Ref:	Expires On: 12/27/2025
Name:	SVOA Tetrahydrofuran-D8 100ppm	Inventory ID	243639	Logbook Ref:	Expires On: 03/01/2026

Preparation Information Benchsheet

Prep Run#: 464765
Team: Semivoa GCMS/KPROCOPIO

Prep WorkFlow: OrgExtSPEaq(7)
Prep Method: EPA 3535A

Status: Prepped
Prep Date/Time: 9/24/25 09:31

Preparation Materials

Method 522 400mg charcoal filters	(242890)	Eppendorf Pipette Repeater	EXT #30 (243943)	Dichloromethane (Methylene Chloride) 99.9% MeCl2	(243765)
Methanol Purge & Trap MeOH	Diox (242475)	Sodium Bisulfate Monohydrate RG	Desicator (239005)	pH Paper 0-14	(242849)
Prepared Sodium Sulfate Na2SO4	Diox (242341)				

Preparation Steps

Step: Extraction
Started: 9/24/25 09:31
Finished: 9/24/25 15:30
By: KPROCOPIO
Comments

Comments: _____

Reviewed By: _____ Date: _____ Spike Witness: RCHAVEZ Date: _____

Chain of Custody

Relinquished By: _____ Date: _____

Received By: _____ Date: _____

Extracts Examined
Yes No

Appendix D

VERINA Engineering, P.C.

ACTIVE SUB-SLAB DEPRESSURIZATION (ASD) SYSTEM INSPECTION LOG

Former Dover Electronics Site, Binghamton, NY (5101.0003)

Date	Time	System On? (Y/N)	E-1	E-2	E-3	E-4	Comments
			Vacuum Gauge Reading (inch w.c.)	Vacuum Gauge Reading (inch w.c.)	Vacuum Gauge Reading (inch w.c.)	Vacuum Gauge Reading (inch w.c.)	
1/13/2025	15:00	Y	2.50	2.00	1.00	1.50	Lead by Erick
2/17/2025	15:00	Y	2.50	2.00	1.00	1.50	Lead by Erick
3/10/2025	13:40	Y	2.50	2.00	1.00	1.50	Lead by Erick
4/21/2025	13:45	Y	2.50	2.00	1.00	1.50	Lead by Andy
5/13/2025	14:30	Y	2.50	2.00	1.00	1.50	N/A
6/9/2025	14:15	Y	2.50	2.00	1.00	1.50	Lead by Erick
7/14/2025	16:33	Y	2.50	2.00	1.00	1.25	N/A
8/4/2025	15:55	Y	2.50	2.00	1.00	1.50	N/A
9/24/2025	14:20	Y	2.50	2.00	1.00	2.00	N/A
10/23/2025	11:15	Y	2.00	1.75	1.00	1.50	N/A
11/10/2025	14:55	Y	2.50	2.00	1.00	1.50	N/A
12/8/2025	13:57	Y	2.50	2.00	1.00	1.25	N/A